

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN092318\
 Data File : VN051428.D
 Acq On : 23 Sep 2018 22:08
 Operator : MD\SY
 Sample : VN0922WBSD02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0923WBSD02

Quant Time: Sep 24 06:49:22 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N092318W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 24 06:41:32 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	487442	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	723611	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	627949	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	300249	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	334000	54.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.40%	
35) Dibromofluoromethane	7.59	113	301761	52.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.30%	
50) Toluene-d8	10.09	98	1086385	49.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.72%	
62) 4-Bromofluorobenzene	12.40	95	336770	47.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.56%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	91648	20.153	ug/l	99
3) Chloromethane	2.06	50	150760	20.825	ug/l	99
4) Vinyl Chloride	2.18	62	164307	20.564	ug/l	99
5) Bromomethane	2.57	94	100814	21.089	ug/l	98
6) Chloroethane	2.71	64	102740	20.636	ug/l	100
7) Trichlorofluoromethane	3.02	101	195353	18.666	ug/l	99
8) Diethyl Ether	3.41	74	60869	16.704	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.76	101	102438	17.343	ug/l	98
10) Methyl Iodide	3.95	142	139447	17.951	ug/l	98
11) Tert butyl alcohol	4.79	59	33287	96.592	ug/l #	95
12) 1,1-Dichloroethene	3.74	96	96388	17.773	ug/l	98
13) Acrolein	3.61	56	28082	82.063	ug/l	96
14) Allyl chloride	4.33	41	155370	17.075	ug/l	99
15) Acrylonitrile	4.99	53	169465	90.399	ug/l	99
16) Acetone	3.82	43	120807	71.890	ug/l	100
17) Carbon Disulfide	4.06	76	282825	17.750	ug/l	99
18) Methyl Acetate	4.33	43	89411	19.227	ug/l	98
19) Methyl tert-butyl Ether	5.05	73	267642	19.138	ug/l	95
20) Methylene Chloride	4.55	84	116889	19.345	ug/l	97
21) trans-1,2-Dichloroethene	5.04	96	103713	18.694	ug/l	98
22) Diisopropyl ether	5.96	45	362222	20.594	ug/l	99
23) Vinyl Acetate	5.90	43	1096080	94.921	ug/l	99
24) 1,1-Dichloroethane	5.85	63	214151	20.406	ug/l	99
25) 2-Butanone	6.84	43	181380	86.786	ug/l	96
26) 2,2-Dichloropropane	6.83	77	89417	10.915	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	117407	19.286	ug/l	98
28) Bromochloromethane	7.20	49	100807	20.801	ug/l	98
29) Tetrahydrofuran	7.22	42	125025	94.399	ug/l	99
30) Chloroform	7.37	83	213847	20.565	ug/l	99
31) Cyclohexane	7.66	56	177661	18.478	ug/l	97
32) 1,1,1-Trichloroethane	7.57	97	182821	20.565	ug/l	100
36) 1,1-Dichloropropene	7.79	75	155949	18.611	ug/l	98
37) Ethyl Acetate	6.93	43	85376	17.720	ug/l	98
38) Carbon Tetrachloride	7.78	117	165202	18.849	ug/l	98

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 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0923WBSD02

Quant Time: Sep 24 06:49:22 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N092318W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 24 06:41:32 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	159261	16.258	ug/l	97
40) Benzene	8.04	78	465447	18.917	ug/l	98
41) Methacrylonitrile	7.21	41	124882	46.852	ug/l #	17
42) 1,2-Dichloroethane	8.13	62	150777	19.138	ug/l	100
43) Isopropyl Acetate	8.17	43	173921	19.963	ug/l	95
44) Trichloroethene	8.84	130	120853	18.493	ug/l	97
45) 1,2-Dichloropropane	9.12	63	126744	18.950	ug/l	97
46) Dibromomethane	9.21	93	73509	19.452	ug/l	98
47) Bromodichloromethane	9.40	83	160058	19.139	ug/l	99
48) Methyl methacrylate	9.20	41	85009	19.571	ug/l	95
49) 1,4-Dioxane	9.20	88	19667	369.452	ug/l	96
51) 4-Methyl-2-Pentanone	9.99	43	427970	89.321	ug/l	99
52) Toluene	10.16	92	281842	18.432	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	134134	15.887	ug/l	97
54) cis-1,3-Dichloropropene	9.84	75	161673	16.512	ug/l	98
55) 1,1,2-Trichloroethane	10.56	97	101833	18.844	ug/l	99
56) Ethyl methacrylate	10.43	69	116639	17.654	ug/l	99
57) 1,3-Dichloropropane	10.71	76	171971	18.567	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.70	63	304704	98.644	ug/l	99
59) 2-Hexanone	10.75	43	264183	85.054	ug/l	97
60) Dibromochloromethane	10.90	129	114839	18.011	ug/l	99
61) 1,2-Dibromoethane	11.01	107	95106	18.130	ug/l	99
64) Tetrachloroethene	10.63	164	116201	20.390	ug/l	98
65) Chlorobenzene	11.43	112	301515	18.715	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	122080	19.889	ug/l	99
67) Ethyl Benzene	11.51	91	508750	18.737	ug/l	100
68) m/p-Xylenes	11.62	106	385064	36.664	ug/l	100
69) o-Xylene	11.95	106	186731	18.495	ug/l	98
70) Styrene	11.96	104	289828	18.116	ug/l	98
71) Bromoform	12.13	173	77667	18.647	ug/l #	97
73) Isopropylbenzene	12.25	105	489033	19.304	ug/l	99
74) N-amyl acetate	12.07	43	116932	18.397	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	118296	20.025	ug/l	98
76) 1,2,3-Trichloropropane	12.55	75	136208	27.327	ug/l #	100
77) Bromobenzene	12.53	156	124026	19.340	ug/l	99
78) n-propylbenzene	12.59	91	546602	19.145	ug/l	99
79) 2-Chlorotoluene	12.67	91	337966	19.775	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	404130	19.564	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	22867	14.107	ug/l	95
82) 4-Chlorotoluene	12.77	91	326059	19.115	ug/l	100
83) tert-Butylbenzene	12.99	119	353763	19.241	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	411218	19.756	ug/l	99
85) sec-Butylbenzene	13.17	105	471105	18.940	ug/l	99
86) p-Isopropyltoluene	13.29	119	398906	18.534	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	207750	18.720	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	199697	18.701	ug/l	99
89) n-Butylbenzene	13.62	91	296573	16.757	ug/l	99
90) Hexachloroethane	13.87	117	81778	19.070	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	209216	19.429	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	16585	19.673	ug/l	94

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Quant Title : SW846 8260
QLast Update : Mon Sep 24 06:41:32 2018
Response via : Initial Calibration

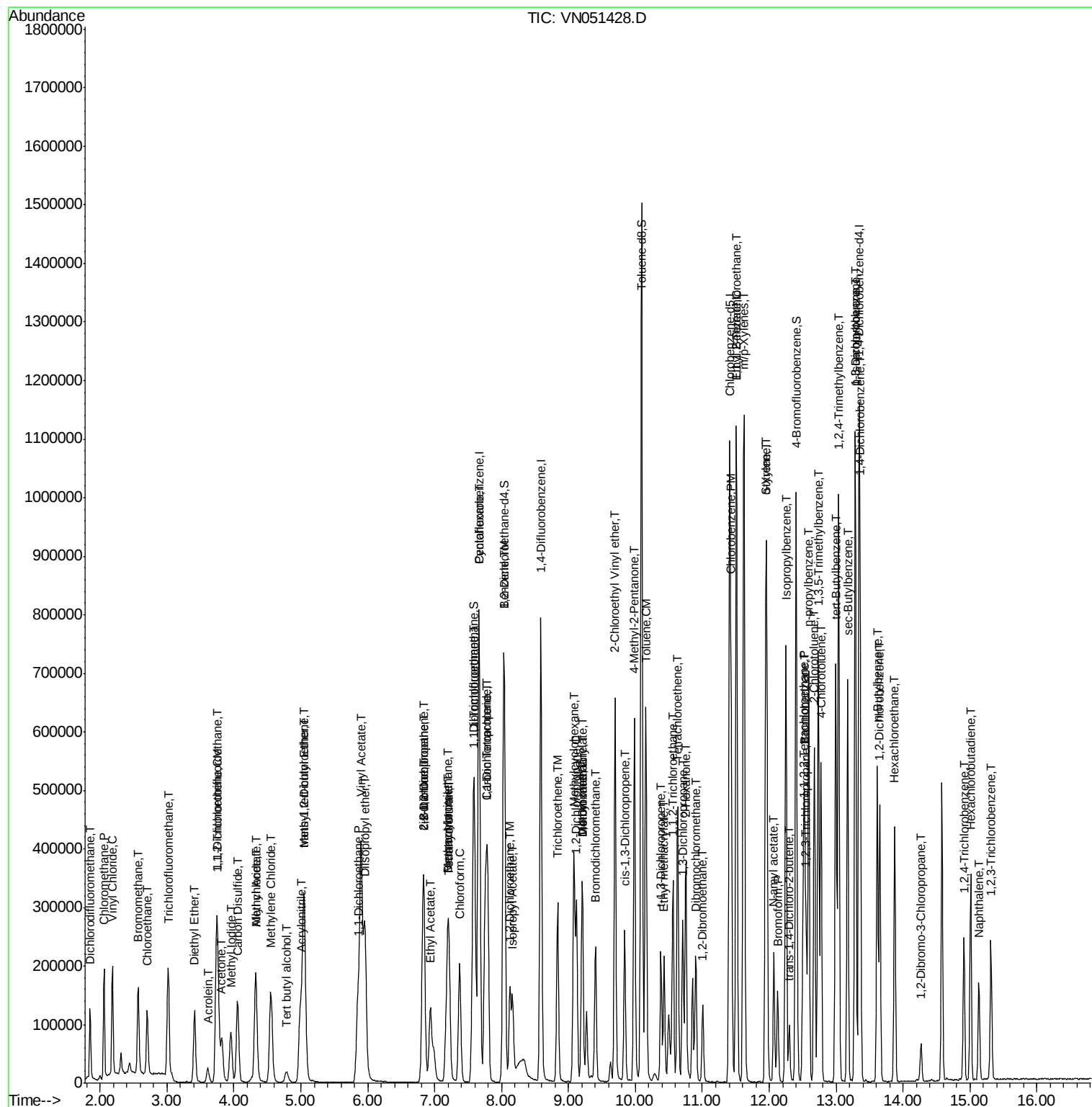
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	84009	18.722	ug/l	98
94) Hexachlorobutadiene	15.01	225	73654	18.078	ug/l	97
95) Naphthalene	15.13	128	146977	19.092	ug/l	98
96) 1,2,3-Trichlorobenzene	15.31	180	87121	16.859	ug/l	99

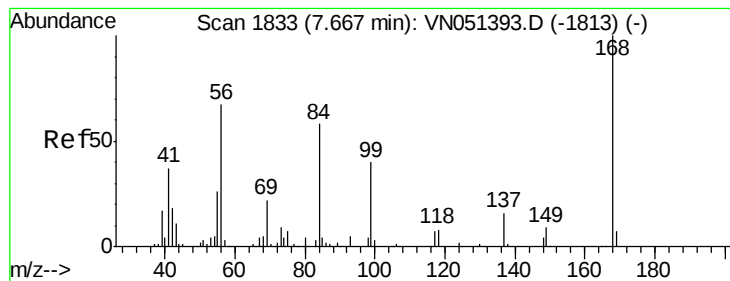
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN092318\
 Data File : VN051428.D
 Acq On : 23 Sep 2018 22:08
 Operator : MD\SY
 Sample : VN0922WBSD02
 Misc : 5.00mL/MSVOA_N/WATER
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Instrument :
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 Quant Title : SW846 8260
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 Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VN051428.D

Acq: 23 Sep 2018 22:08

Instrument :

MSVOA_N

ClientSampleId :

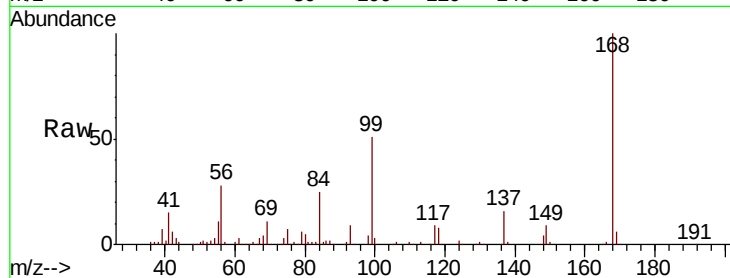
VN0923WBSD02

Tgt Ion:168 Resp: 487442

Ion Ratio Lower Upper

168 100

99 50.5 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

200000

150000

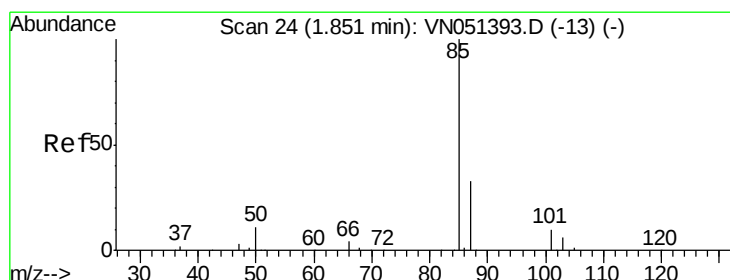
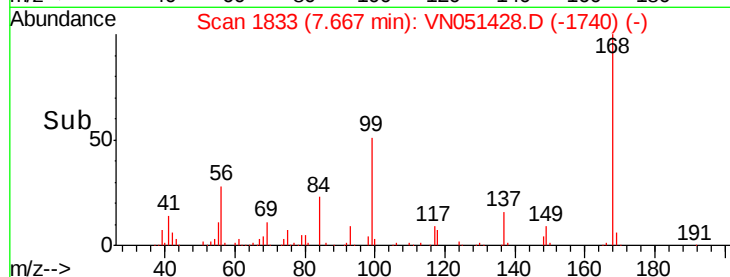
100000

50000

0

7.60 7.70 7.80

Time-->



#2

Dichlorodifluoromethane

Concen: 20.153 ug/l

RT: 1.85 min Scan# 24

Delta R.T. -0.00 min

Lab File: VN051428.D

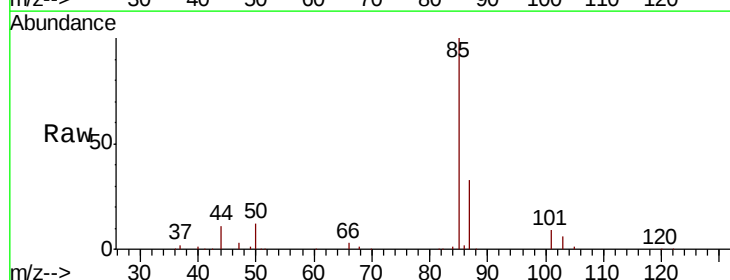
Acq: 23 Sep 2018 22:08

Tgt Ion: 85 Resp: 91648

Ion Ratio Lower Upper

85 100

87 33.2 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

1.85

80000

60000

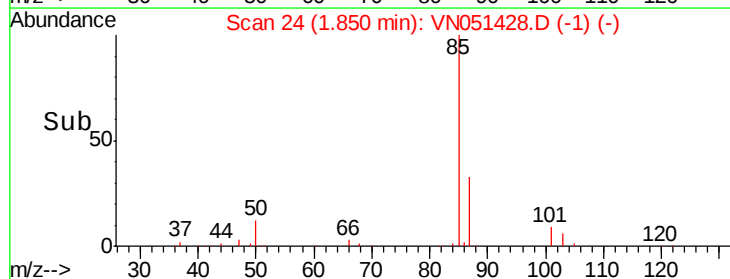
40000

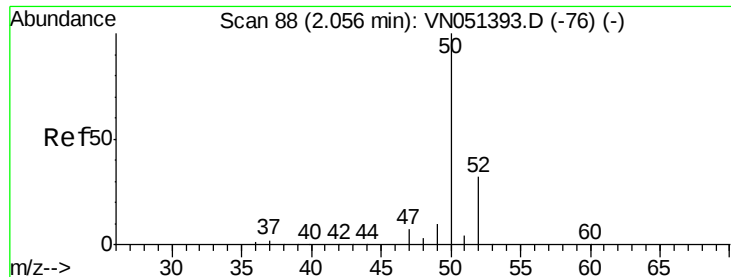
20000

0

1.80 1.85 1.90 1.95

Time-->





#3

Chloromethane

Concen: 20.825 ug/l

RT: 2.06 min Scan# 89

Delta R.T. 0.00 min

Lab File: VN051428.D

Acq: 23 Sep 2018 22:08

Instrument :

MSVOA_N

ClientSampled :

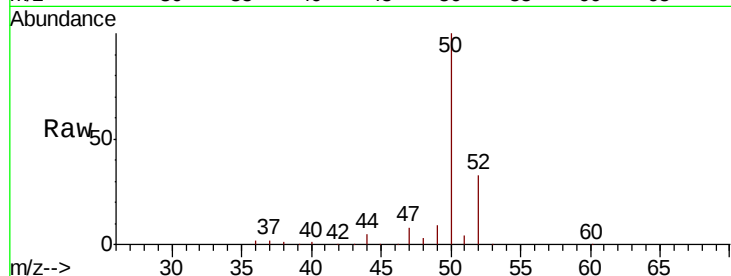
VN0923WBSD02

Tgt Ion: 50 Resp: 150760

Ion Ratio Lower Upper

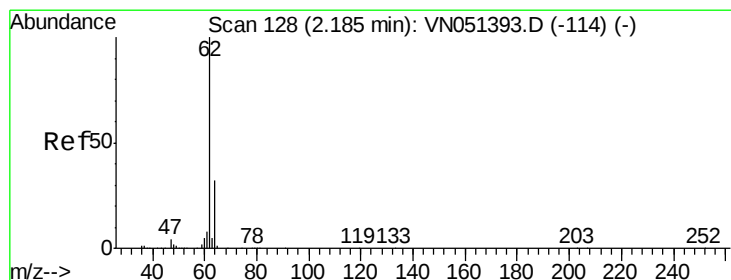
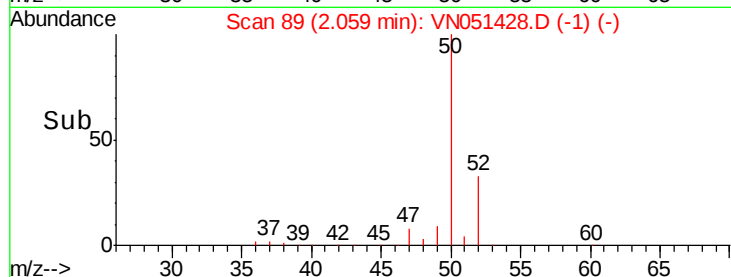
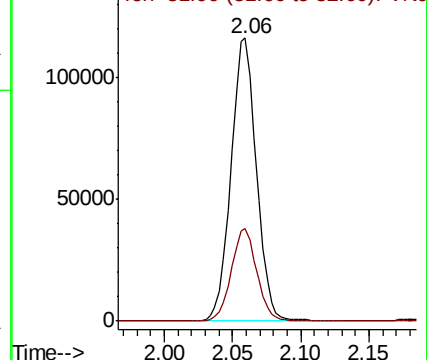
50 100

52 32.6 25.7 38.5



Abundance Ion 49.90 (49.60 to 50.60): VNO

Ion 51.90 (51.60 to 52.60): VNO



#4

Vinyl Chloride

Concen: 20.564 ug/l

RT: 2.18 min Scan# 128

Delta R.T. -0.00 min

Lab File: VN051428.D

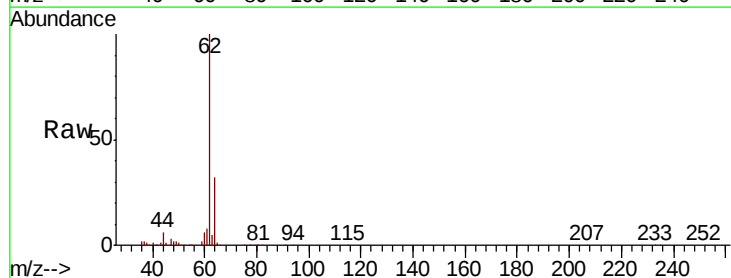
Acq: 23 Sep 2018 22:08

Tgt Ion: 62 Resp: 164307

Ion Ratio Lower Upper

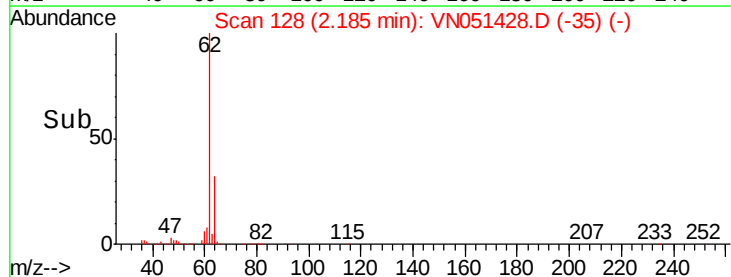
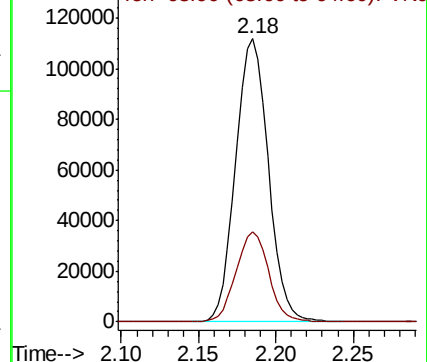
62 100

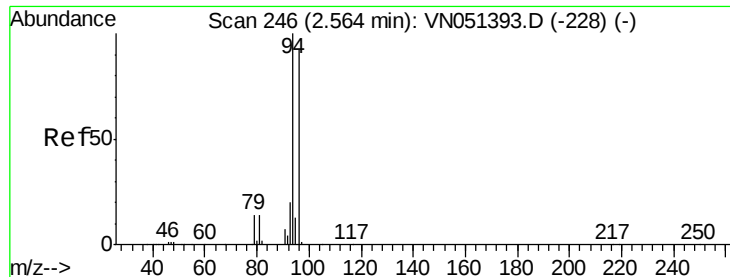
64 31.5 25.8 38.8



Abundance Ion 61.90 (61.60 to 62.60): VNO

Ion 63.90 (63.60 to 64.60): VNO





#5

Bromomethane

Concen: 21.089 ug/l

RT: 2.57 min Scan# 248

Delta R.T. 0.01 min

Lab File: VN051428.D

Acq: 23 Sep 2018 22:08

Instrument :

MSVOA_N

ClientSampleId :

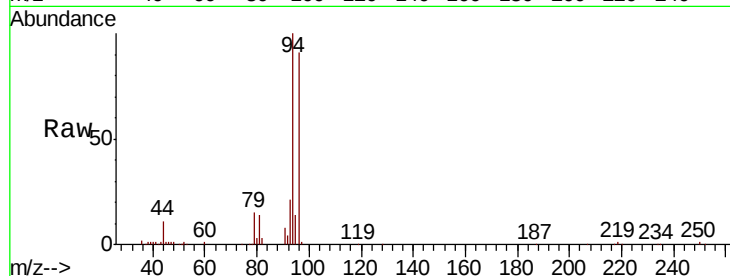
VN0923WBSD02

Tgt Ion: 94 Resp: 100814

Ion Ratio Lower Upper

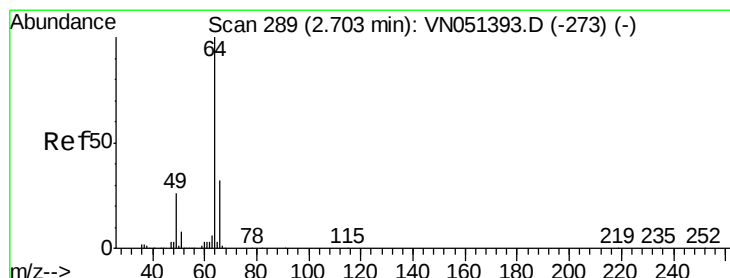
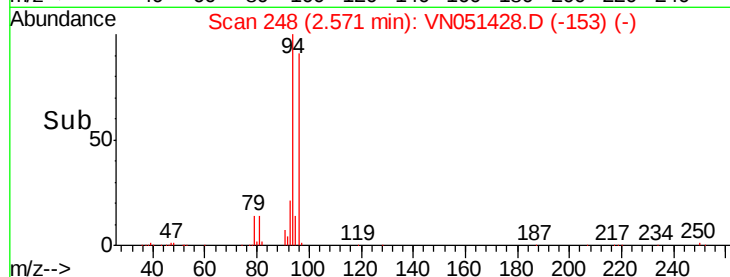
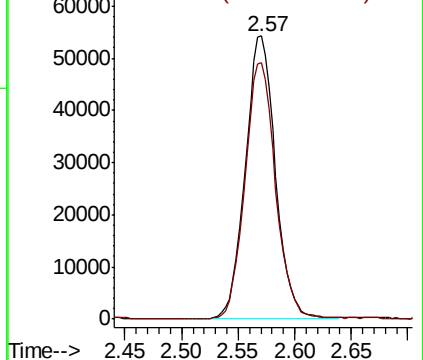
94 100

96 90.5 73.6 110.4



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 20.636 ug/l

RT: 2.71 min Scan# 290

Delta R.T. 0.00 min

Lab File: VN051428.D

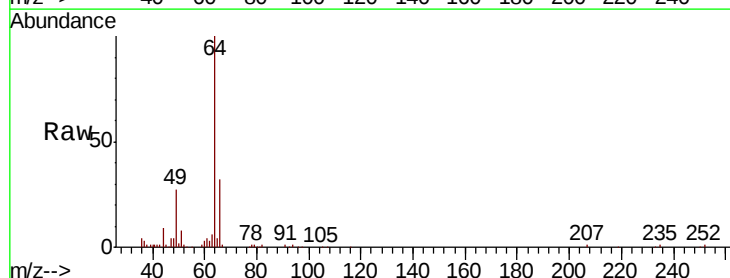
Acq: 23 Sep 2018 22:08

Tgt Ion: 64 Resp: 102740

Ion Ratio Lower Upper

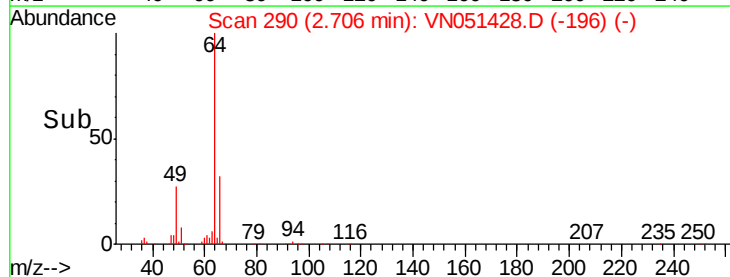
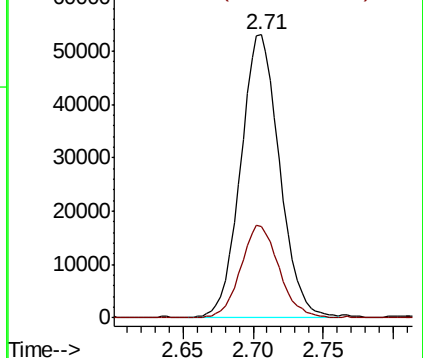
64 100

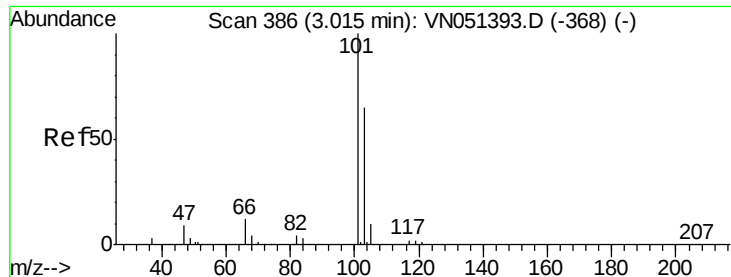
66 32.3 25.9 38.9



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



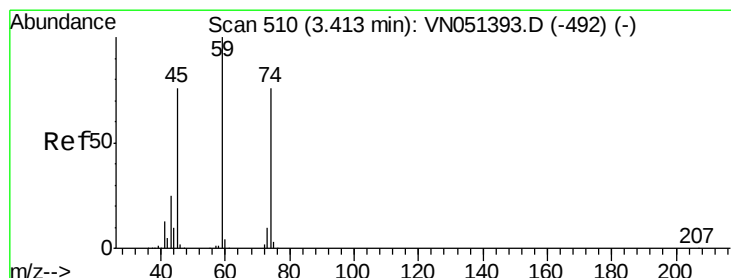
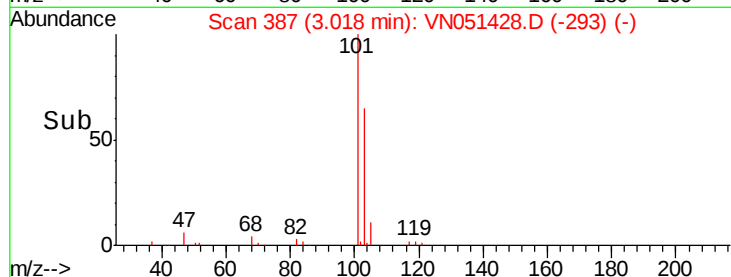
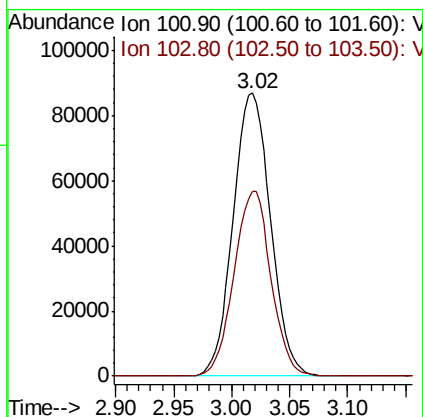
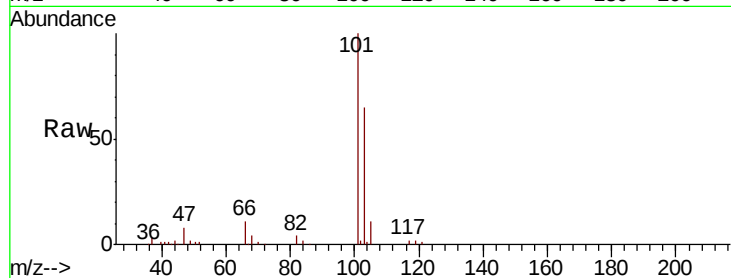


#7

Trichlorofluoromethane
 Concen: 18.666 ug/l
 RT: 3.02 min Scan# 387
 Delta R.T. 0.00 min
 Lab File: VN051428.D
 Acq: 23 Sep 2018 22:08

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0923WBSD02

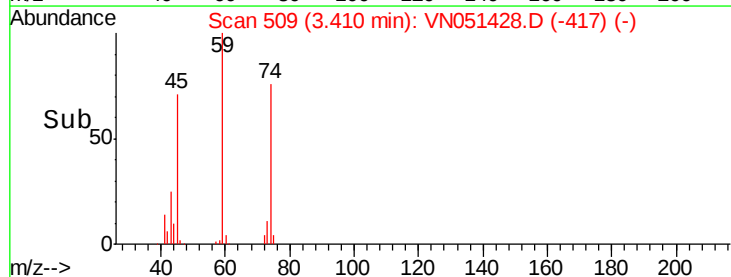
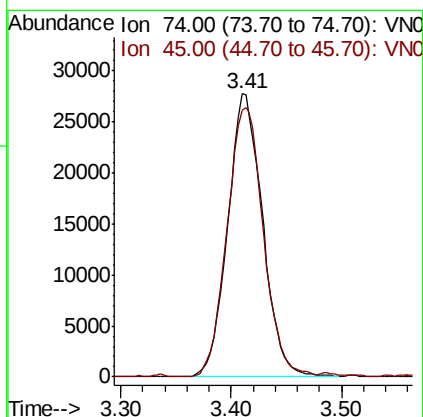
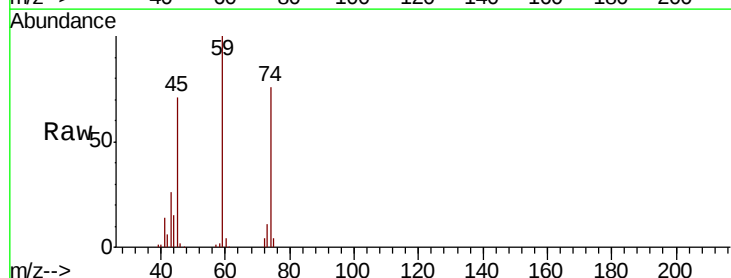
Tgt Ion:101 Resp: 195353
 Ion Ratio Lower Upper
 101 100
 103 65.4 51.8 77.8

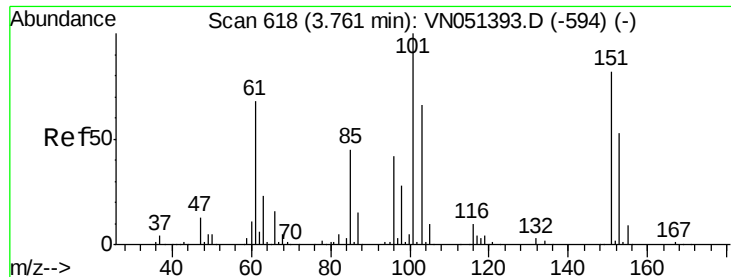


#8

Diethyl Ether
 Concen: 16.704 ug/l
 RT: 3.41 min Scan# 509
 Delta R.T. -0.00 min
 Lab File: VN051428.D
 Acq: 23 Sep 2018 22:08

Tgt Ion: 74 Resp: 60869
 Ion Ratio Lower Upper
 74 100
 45 99.0 50.2 150.7

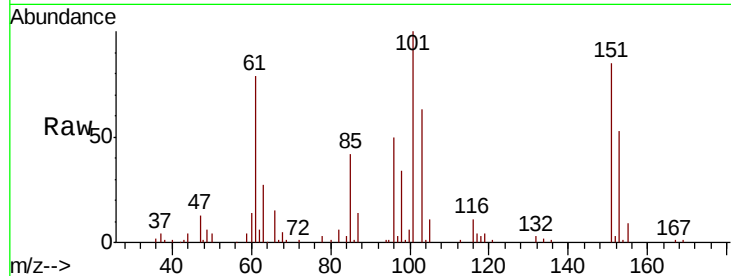




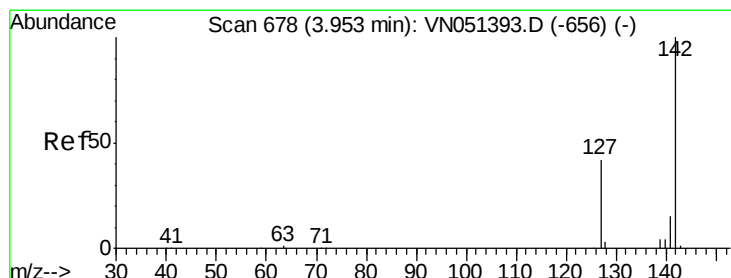
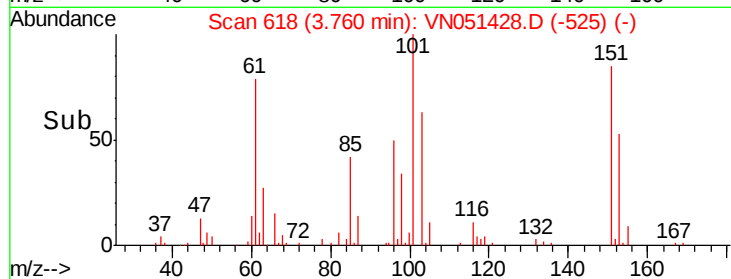
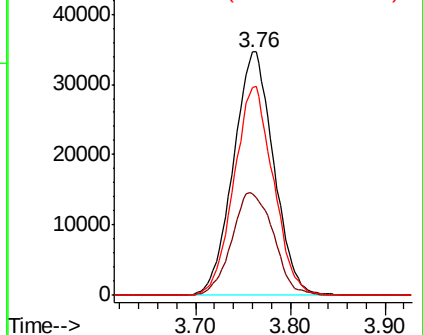
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 17.343 ug/l
 RT: 3.76 min Scan# 618
 Delta R.T. -0.00 min
 Lab File: VN051428.D
 Acq: 23 Sep 2018 22:08

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0923WBSD02

Tgt Ion:101 Resp: 102438
 Ion Ratio Lower Upper
 101 100
 85 43.7 33.9 50.9
 151 83.7 65.2 97.8

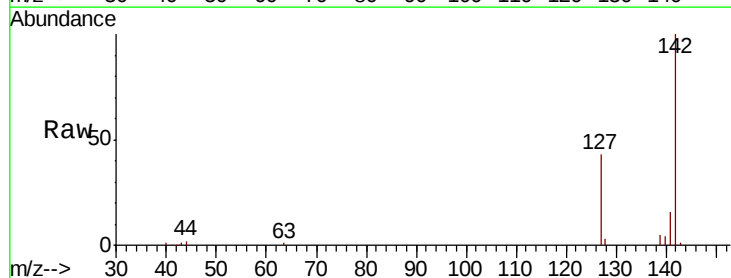


Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 84.90 (84.60 to 85.60): V
 Ion 150.80 (150.50 to 151.50): V

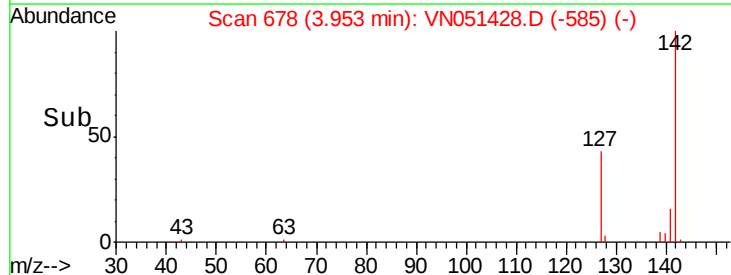
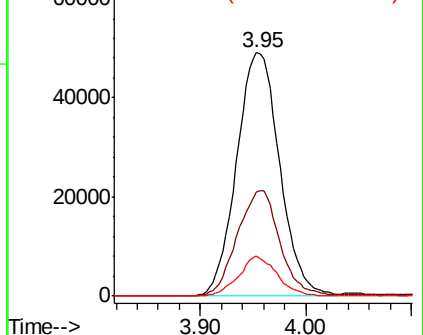


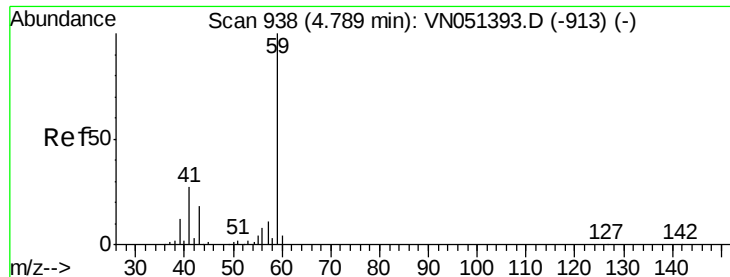
#10
 Methyl Iodide
 Concen: 17.951 ug/l
 RT: 3.95 min Scan# 678
 Delta R.T. 0.00 min
 Lab File: VN051428.D
 Acq: 23 Sep 2018 22:08

Tgt Ion:142 Resp: 139447
 Ion Ratio Lower Upper
 142 100
 127 42.8 33.2 49.8
 141 14.5 11.5 17.3



Abundance Ion 141.80 (141.50 to 142.50): V
 Ion 126.80 (126.50 to 127.50): V
 Ion 140.80 (140.50 to 141.50): V

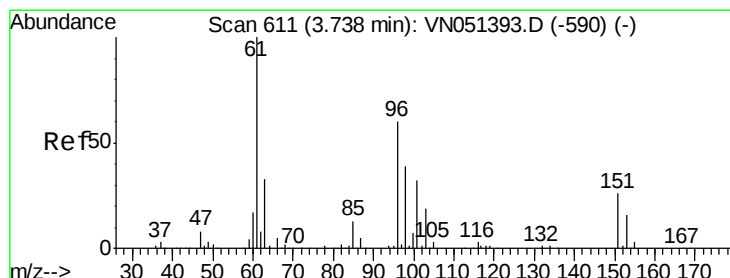
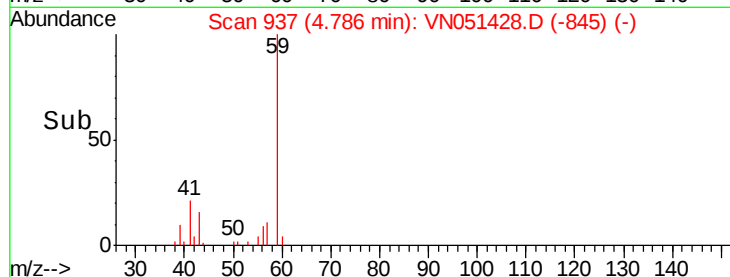
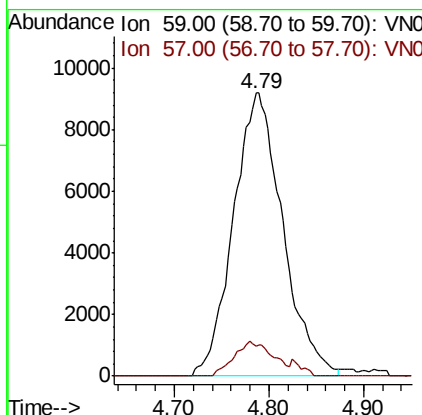
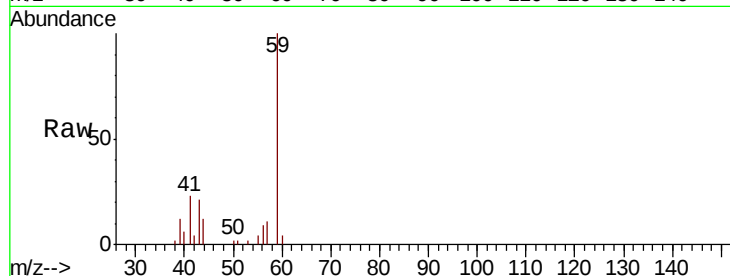




#11
Tert butyl alcohol
Concen: 96.592 ug/l
RT: 4.79 min Scan# 937
Delta R.T. -0.00 min
Lab File: VN051428.D
Acq: 23 Sep 2018 22:08

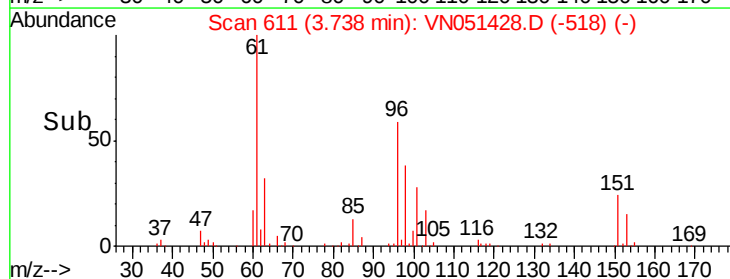
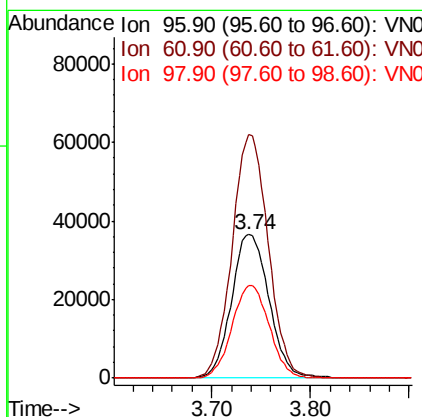
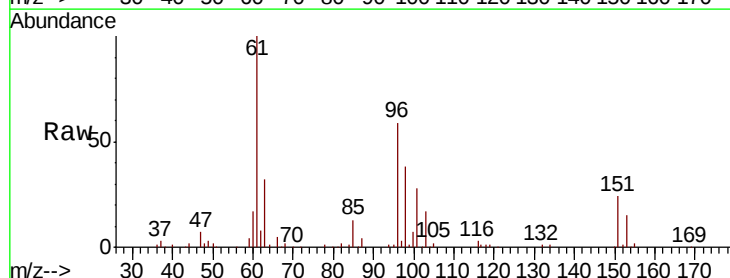
Instrument :
MSVOA_N
ClientSampleId :
VN0923WBSD02

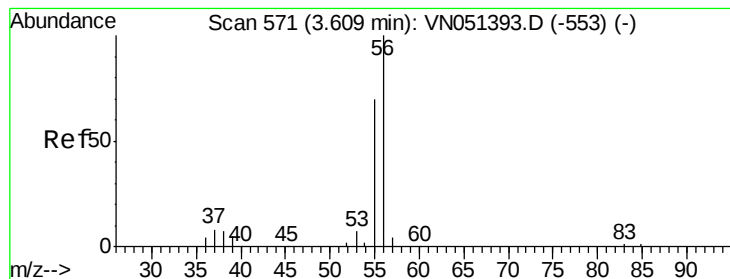
Tgt Ion: 59 Resp: 33287
Ion Ratio Lower Upper
59 100
57 9.6 6.2 9.2#



#12
1,1-Dichloroethene
Concen: 17.773 ug/l
RT: 3.74 min Scan# 611
Delta R.T. -0.00 min
Lab File: VN051428.D
Acq: 23 Sep 2018 22:08

Tgt Ion: 96 Resp: 96388
Ion Ratio Lower Upper
96 100
61 169.6 133.6 200.4
98 64.8 52.2 78.2





#13

Acrolein

Concen: 82.063 ug/l

RT: 3.61 min Scan# 572

Delta R.T. 0.00 min

Lab File: VN051428.D

Acq: 23 Sep 2018 22:08

Instrument :

MSVOA_N

ClientSampleId :

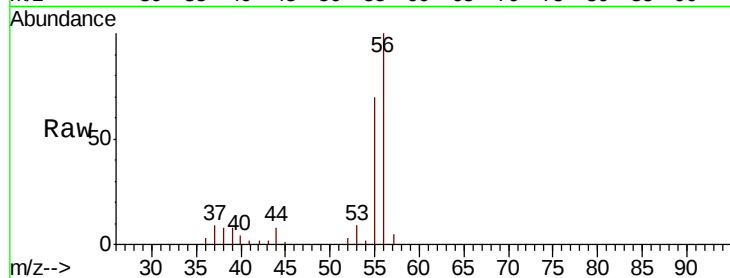
VN0923WBSD02

Tgt Ion: 56 Resp: 28082

Ion Ratio Lower Upper

56 100

55 75.5 57.8 86.8



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

3.61

12000

10000

8000

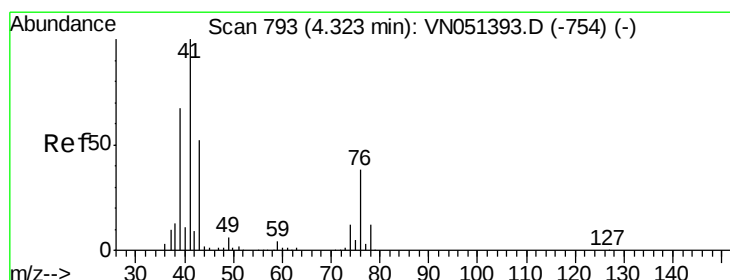
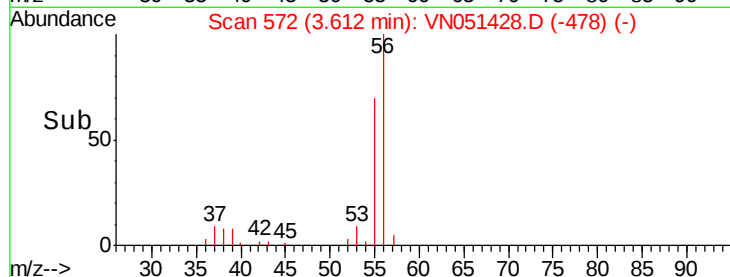
6000

4000

2000

0

Time--> 3.50 3.55 3.60 3.65 3.70



#14

Allyl chloride

Concen: 17.075 ug/l

RT: 4.33 min Scan# 794

Delta R.T. 0.00 min

Lab File: VN051428.D

Acq: 23 Sep 2018 22:08

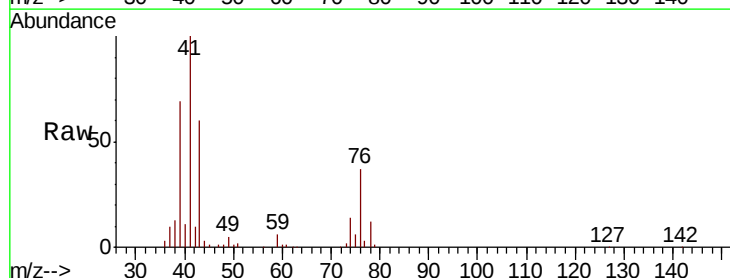
Tgt Ion: 41 Resp: 155370

Ion Ratio Lower Upper

41 100

39 64.7 51.4 77.2

76 35.8 28.1 42.1



Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0

4.33

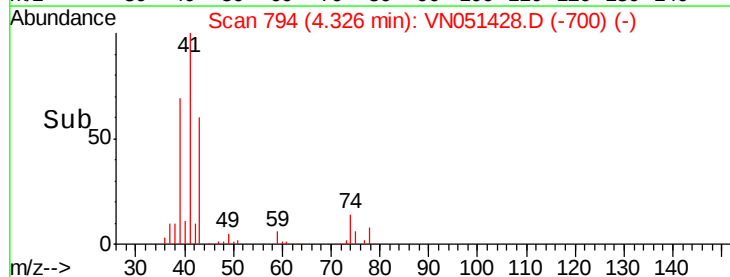
60000

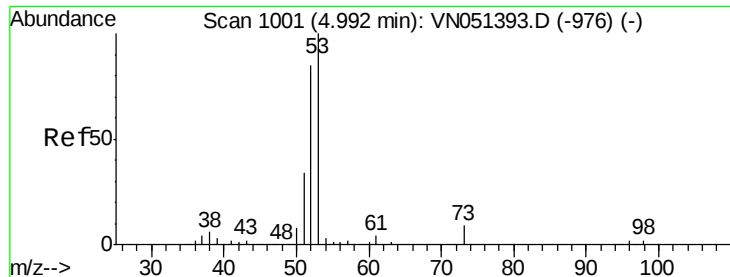
40000

20000

0

Time--> 4.20 4.30 4.40





#15

Acrylonitrile

Concen: 90.399 ug/l

RT: 4.99 min Scan# 1001

Delta R.T. 0.00 min

Lab File: VN051428.D

Acq: 23 Sep 2018 22:08

Instrument :

MSVOA_N

ClientSampleId :

VN0923WBSD02

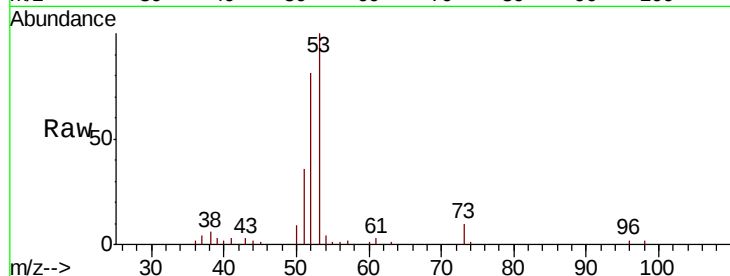
Tgt Ion: 53 Resp: 169465

Ion Ratio Lower Upper

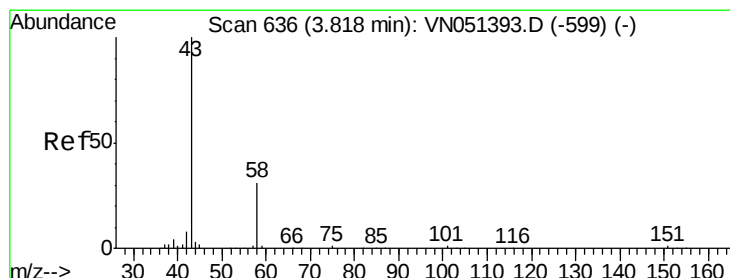
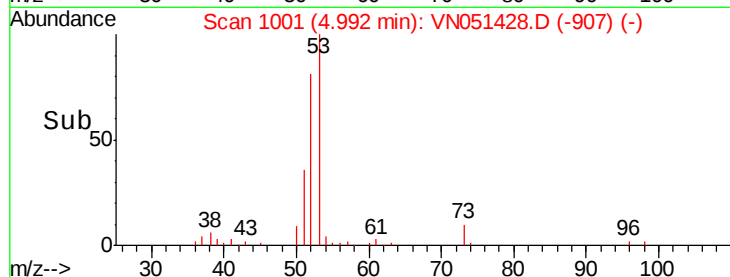
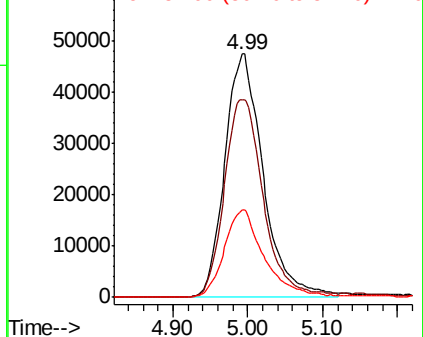
53 100

52 82.6 66.2 99.2

51 37.1 28.6 42.8



Abundance Ion 53.00 (52.70 to 53.70): VN0
Ion 52.00 (51.70 to 52.70): VN0
Ion 51.00 (50.70 to 51.70): VN0



#16

Acetone

Concen: 71.890 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.00 min

Lab File: VN051428.D

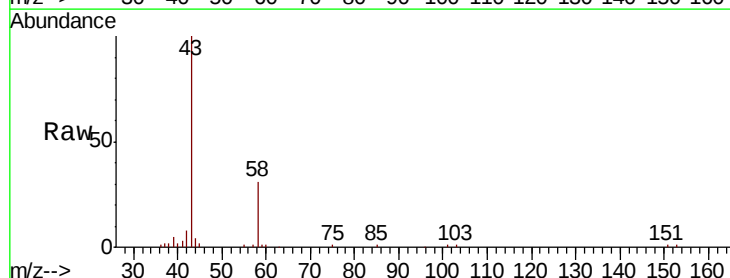
Acq: 23 Sep 2018 22:08

Tgt Ion: 43 Resp: 120807

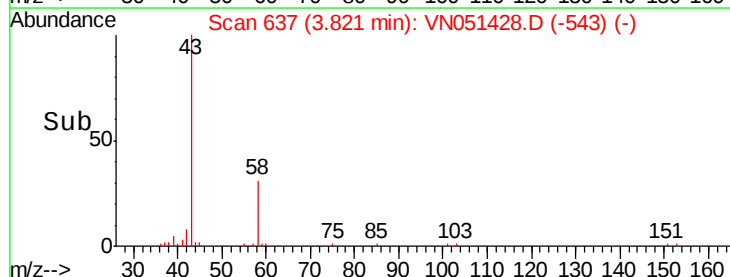
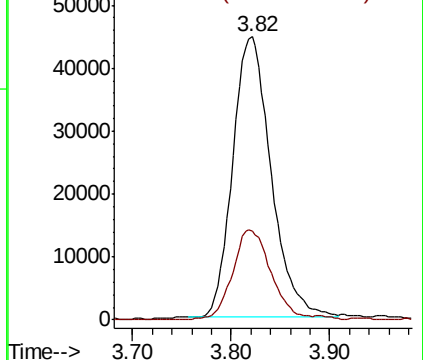
Ion Ratio Lower Upper

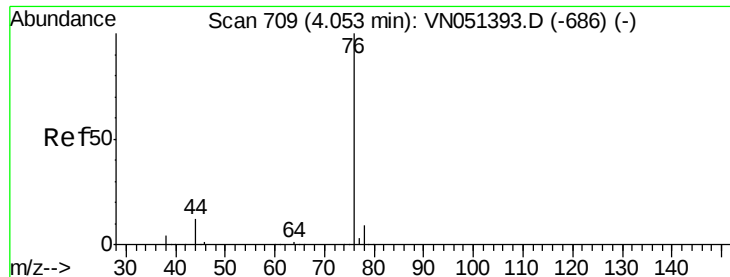
43 100

58 31.4 25.0 37.4



Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

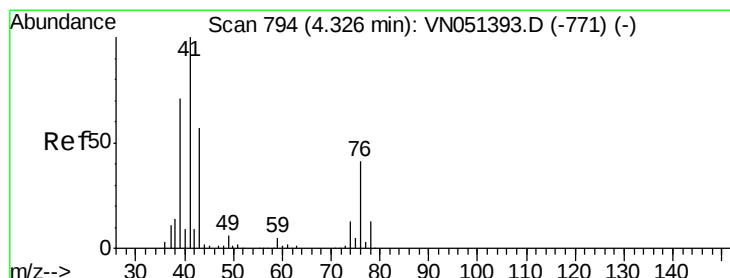
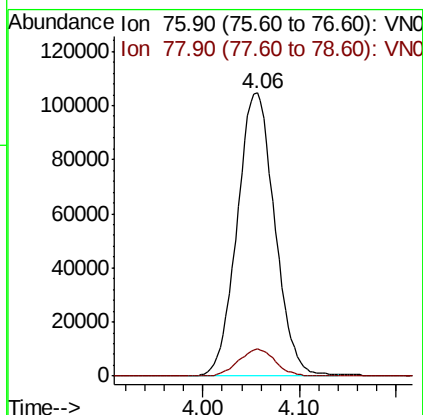
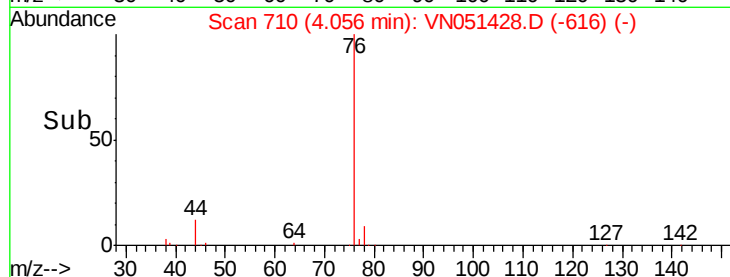
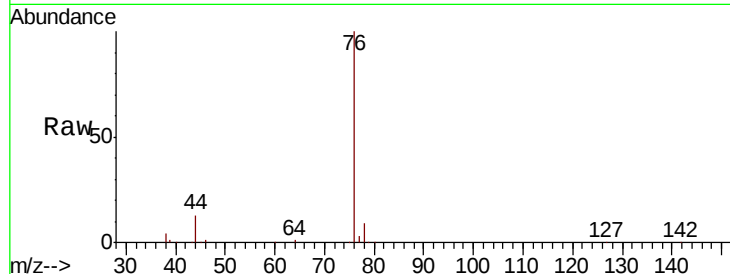




#17
Carbon Disulfide
Concen: 17.750 ug/l
RT: 4.06 min Scan# 710
Delta R.T. 0.00 min
Lab File: VN051428.D
Acq: 23 Sep 2018 22:08

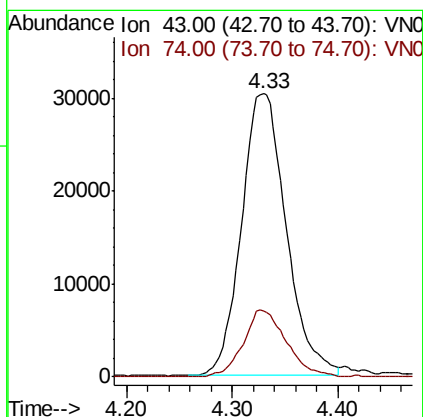
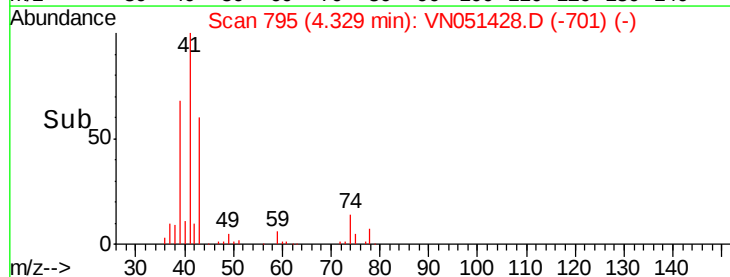
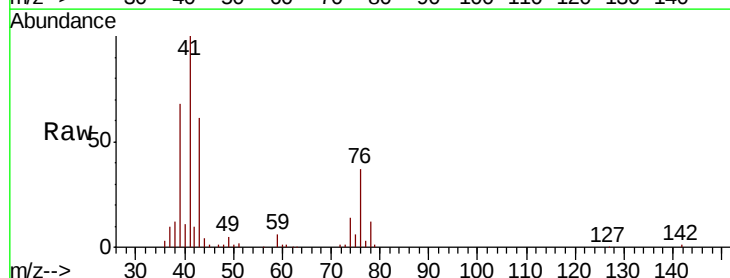
Instrument :
MSVOA_N
ClientSampleId :
VN0923WBSD02

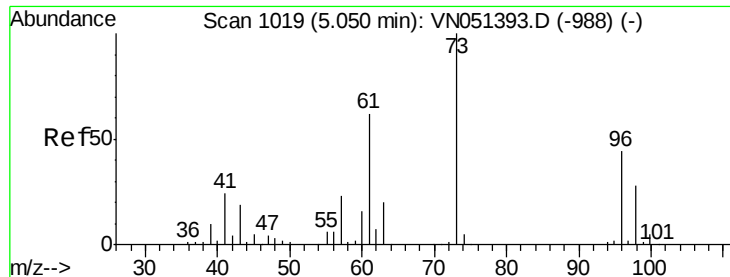
Tgt Ion: 76 Resp: 282825
Ion Ratio Lower Upper
76 100
78 9.5 7.3 10.9



#18
Methyl Acetate
Concen: 19.227 ug/l
RT: 4.33 min Scan# 795
Delta R.T. 0.00 min
Lab File: VN051428.D
Acq: 23 Sep 2018 22:08

Tgt Ion: 43 Resp: 89411
Ion Ratio Lower Upper
43 100
74 22.7 18.8 28.2





#19

Methyl tert-butyl Ether

Concen: 19.138 ug/l

RT: 5.05 min Scan# 1018

Delta R.T. -0.00 min

Lab File: VN051428.D

Acq: 23 Sep 2018 22:08

Instrument :

MSVOA_N

ClientSampleId :

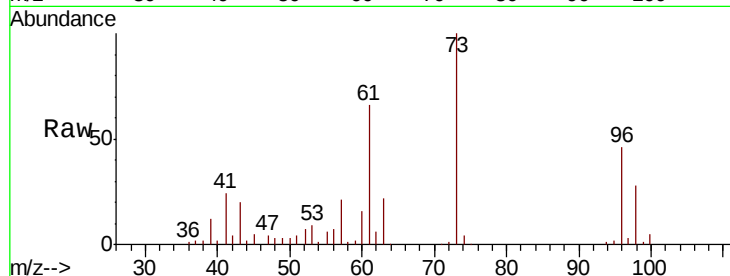
VN0923WBSD02

Tgt Ion: 73 Resp: 267642

Ion Ratio Lower Upper

73 100

57 20.7 18.3 27.5



Abundance Ion 73.00 (72.70 to 73.70): VN051393.D (-988) (-)

Ion 57.00 (56.70 to 57.70): VN051393.D (-988) (-)

5.05

80000

60000

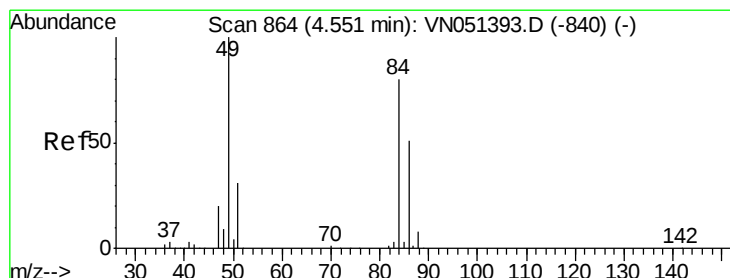
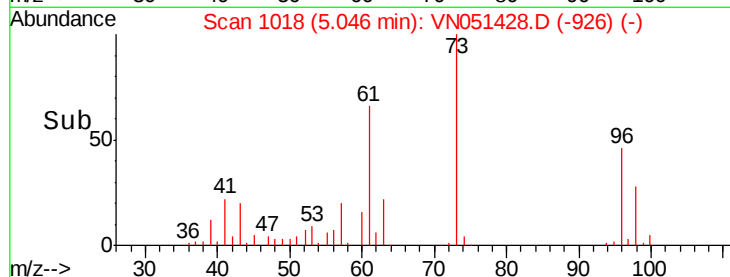
40000

20000

0

Time-->

4.90 5.00 5.10 5.20



#20

Methylene Chloride

Concen: 19.345 ug/l

RT: 4.55 min Scan# 865

Delta R.T. 0.00 min

Lab File: VN051428.D

Acq: 23 Sep 2018 22:08

Tgt Ion: 84 Resp: 116889

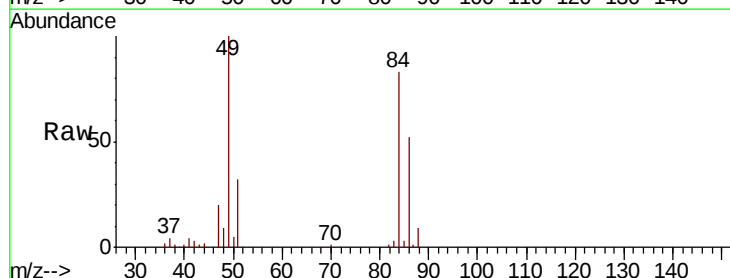
Ion Ratio Lower Upper

84 100

49 120.0 99.9 149.9

51 38.0 31.4 47.2

86 62.3 50.9 76.3



Abundance Ion 83.90 (83.60 to 84.60): VN051393.D (-840) (-)

Ion 48.90 (48.60 to 49.60): VN051393.D (-840) (-)

Ion 50.90 (50.60 to 51.60): VN051393.D (-840) (-)

Ion 85.90 (85.60 to 86.60): VN051393.D (-840) (-)

4.55

60000

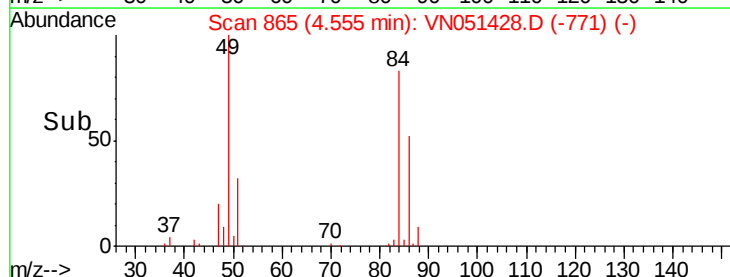
40000

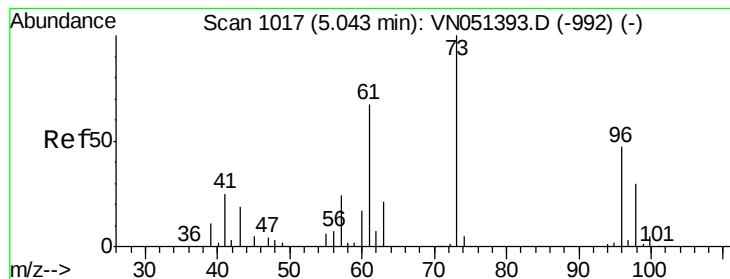
20000

0

Time-->

4.50 4.60 4.70





#21

trans-1,2-Dichloroethene

Concen: 18.694 ug/l

RT: 5.04 min Scan# 1017

Delta R.T. -0.00 min

Lab File: VN051428.D

Acq: 23 Sep 2018 22:08

Instrument :

MSVOA_N

ClientSampleId :

VN0923WBSD02

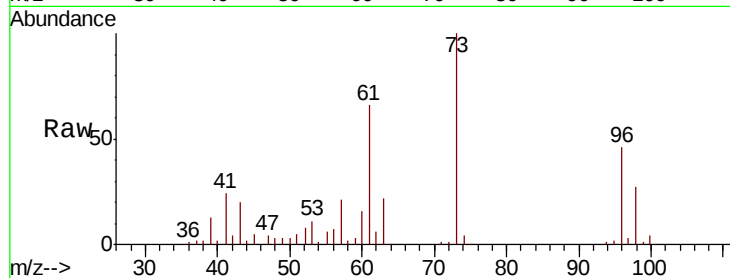
Tgt Ion: 96 Resp: 103713

Ion Ratio Lower Upper

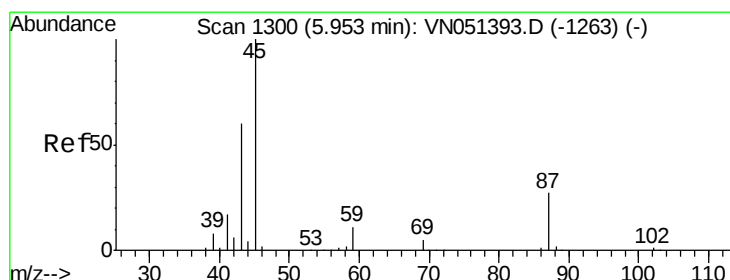
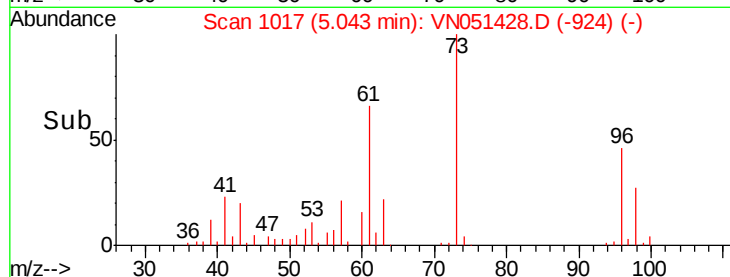
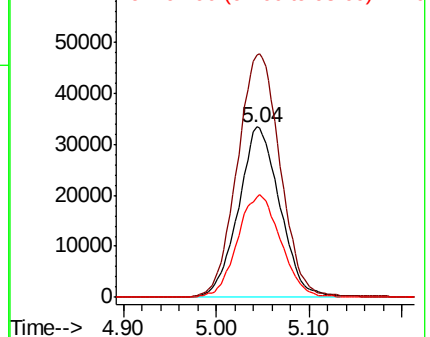
96 100

61 142.1 113.4 170.2

98 58.7 51.1 76.7



Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0



#22

Diisopropyl ether

Concen: 20.594 ug/l

RT: 5.96 min Scan# 1301

Delta R.T. 0.00 min

Lab File: VN051428.D

Acq: 23 Sep 2018 22:08

Tgt Ion: 45 Resp: 362222

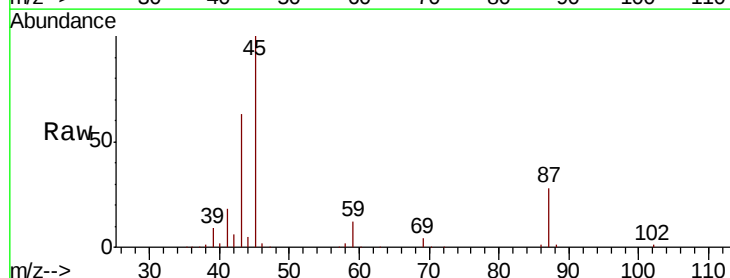
Ion Ratio Lower Upper

45 100

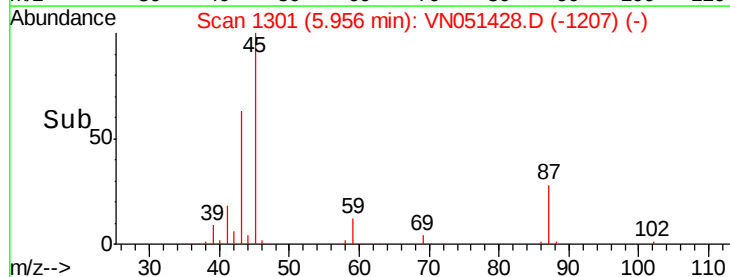
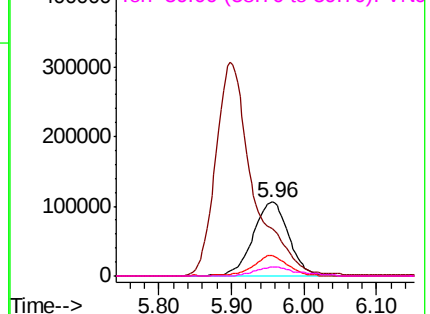
43 60.5 47.7 71.5

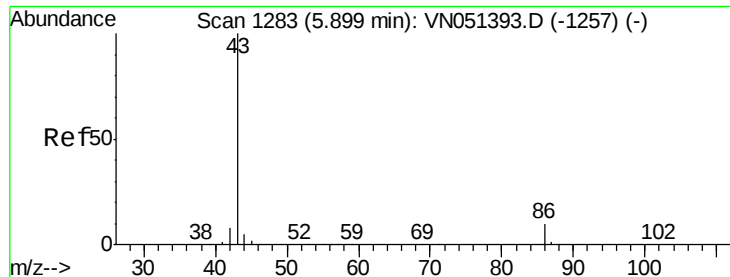
87 27.6 22.0 33.0

59 11.4 9.3 13.9



Abundance Ion 45.00 (44.70 to 45.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 87.00 (86.70 to 87.70): VN0
Ion 59.00 (58.70 to 59.70): VN0





#23

Vinyl Acetate

Concen: 94.921 ug/l

RT: 5.90 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VN051428.D

Acq: 23 Sep 2018 22:08

Instrument :

MSVOA_N

ClientSampleId :

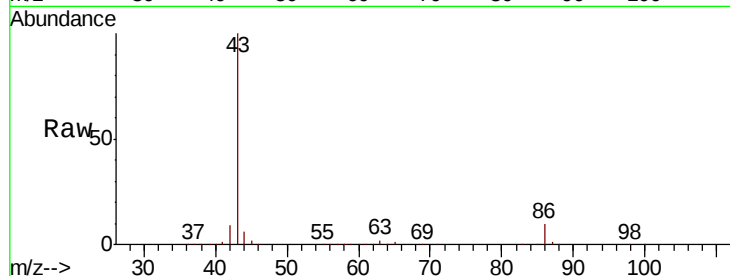
VN0923WBSD02

Tgt Ion: 43 Resp: 1096080

Ion Ratio Lower Upper

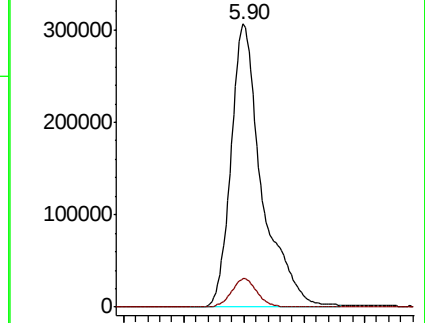
43 100

86 9.9 8.2 12.2

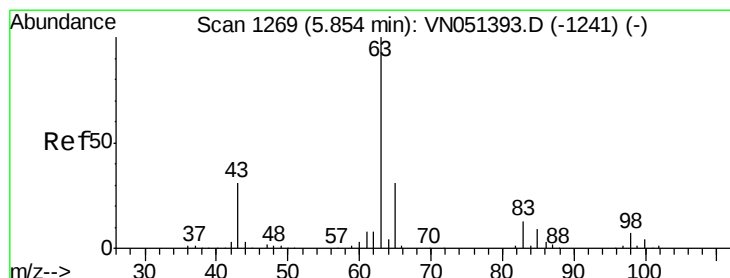
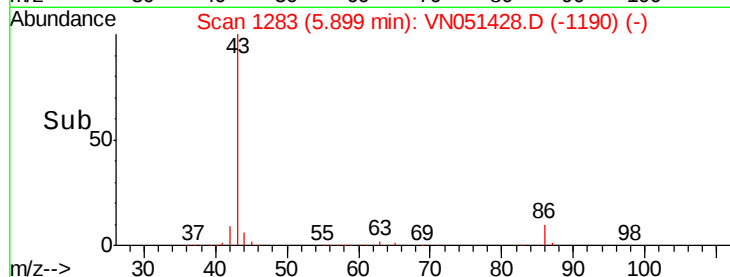


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0



Time--> 5.70 5.80 5.90 6.00 6.10



#24

1,1-Dichloroethane

Concen: 20.406 ug/l

RT: 5.85 min Scan# 1268

Delta R.T. -0.00 min

Lab File: VN051428.D

Acq: 23 Sep 2018 22:08

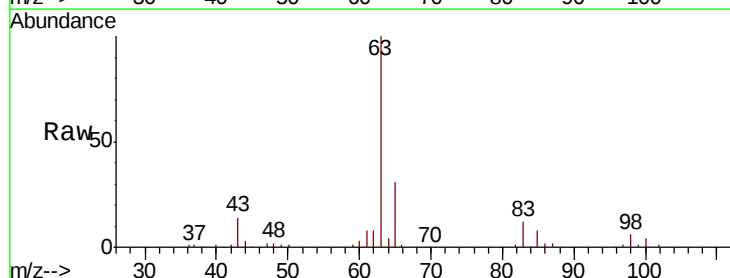
Tgt Ion: 63 Resp: 214151

Ion Ratio Lower Upper

63 100

98 6.5 3.4 10.1

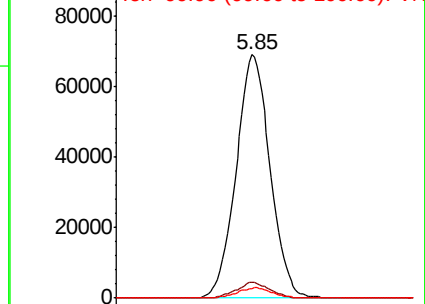
100 4.1 2.2 6.6



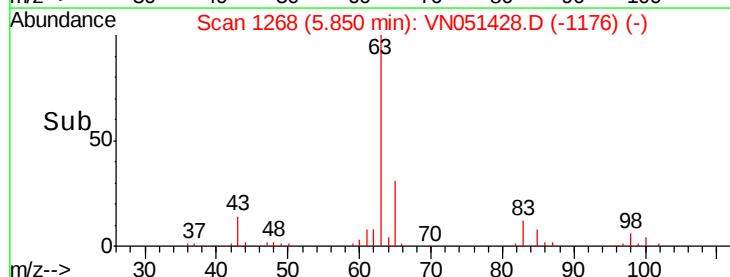
Abundance Ion 62.90 (62.60 to 63.60): VN0

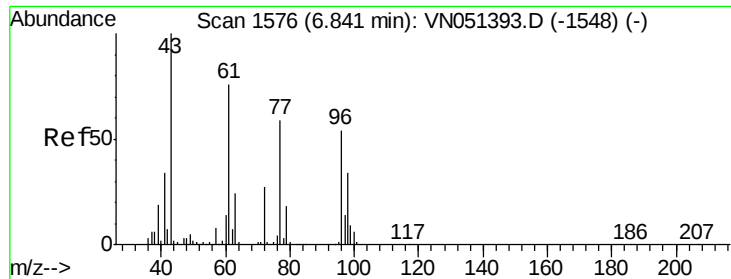
Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0



Time--> 5.70 5.80 5.90 6.00

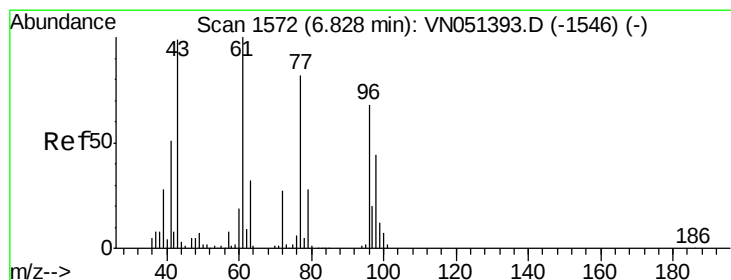
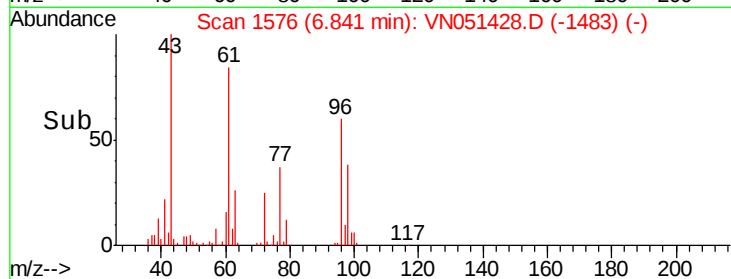
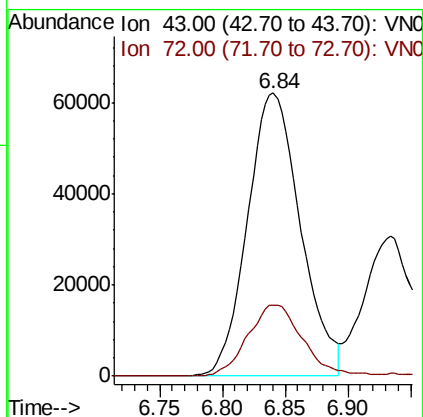
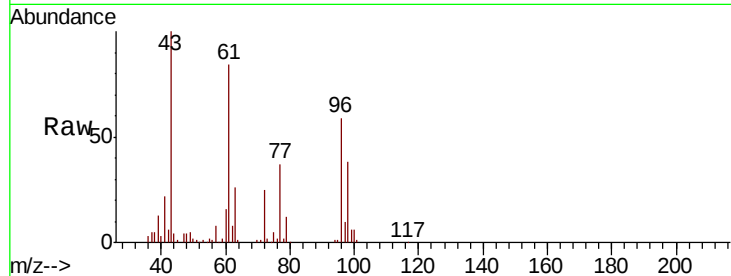




#25
 2-Butanone
 Concen: 86.786 ug/l
 RT: 6.84 min Scan# 1576
 Delta R.T. -0.00 min
 Lab File: VN051428.D
 Acq: 23 Sep 2018 22:08

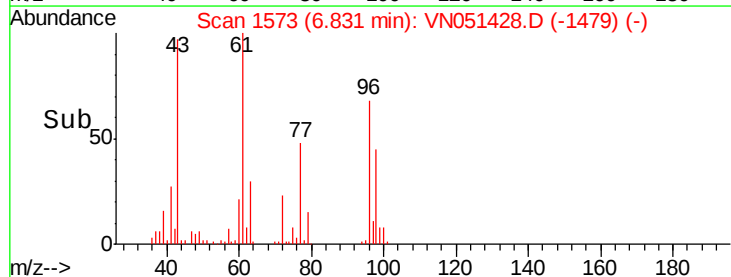
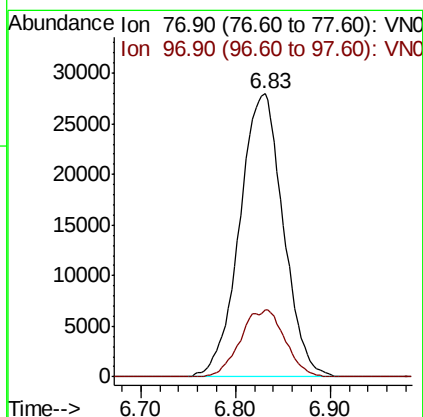
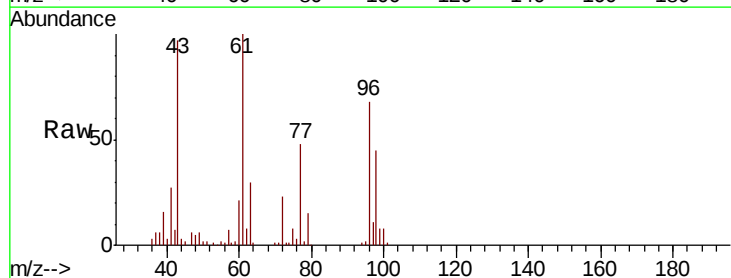
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0923WBSD02

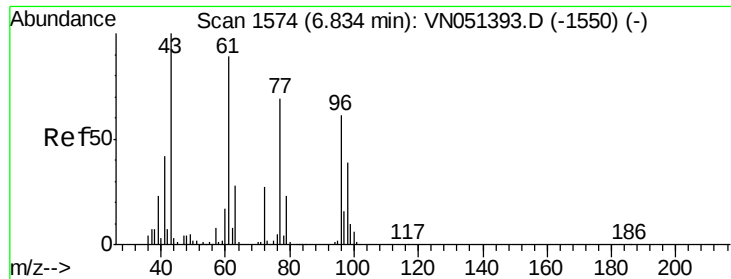
Tgt Ion: 43 Resp: 181380
 Ion Ratio Lower Upper
 43 100
 72 25.3 21.8 32.6



#26
 2,2-Dichloropropane
 Concen: 10.915 ug/l
 RT: 6.83 min Scan# 1573
 Delta R.T. 0.00 min
 Lab File: VN051428.D
 Acq: 23 Sep 2018 22:08

Tgt Ion: 77 Resp: 89417
 Ion Ratio Lower Upper
 77 100
 97 24.3 11.9 35.5





#27

cis-1,2-Dichloroethene

Concen: 19.286 ug/l

RT: 6.83 min Scan# 1574

Delta R.T. -0.00 min

Lab File: VN051428.D

Acq: 23 Sep 2018 22:08

Instrument :

MSVOA_N

ClientSampleId :

VN0923WBSD02

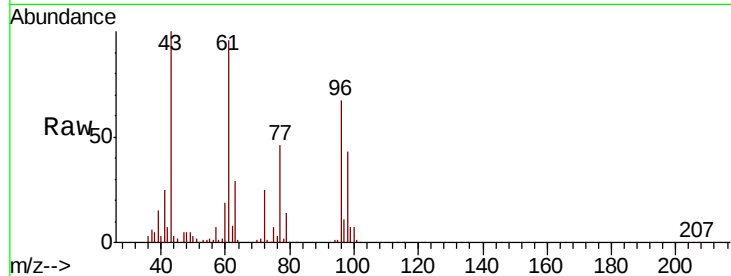
Tgt Ion: 96 Resp: 117407

Ion Ratio Lower Upper

96 100

61 143.8 0.0 291.4

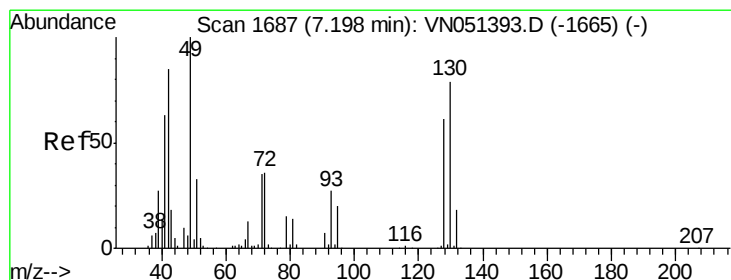
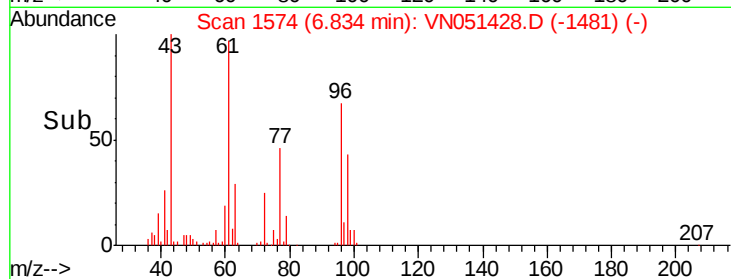
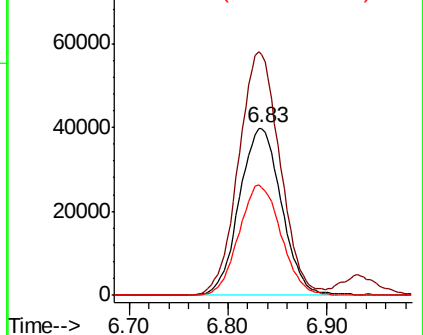
98 66.4 0.0 128.4



Abundance Ion 95.90 (95.60 to 96.60): VN051393.D (-1550) (-)

Ion 60.90 (60.60 to 61.60): VN051393.D (-1550) (-)

Ion 97.90 (97.60 to 98.60): VN051393.D (-1550) (-)



#28

Bromochloromethane

Concen: 20.801 ug/l

RT: 7.20 min Scan# 1687

Delta R.T. -0.00 min

Lab File: VN051428.D

Acq: 23 Sep 2018 22:08

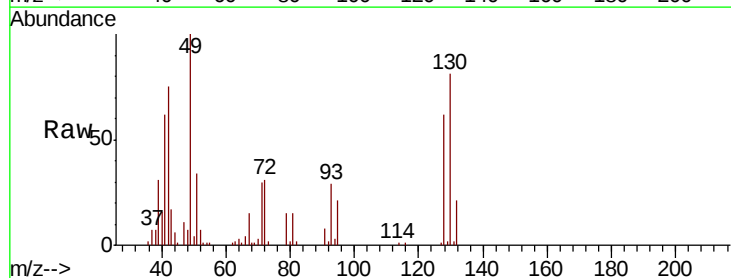
Tgt Ion: 49 Resp: 100807

Ion Ratio Lower Upper

49 100

129 0.6 0.0 3.8

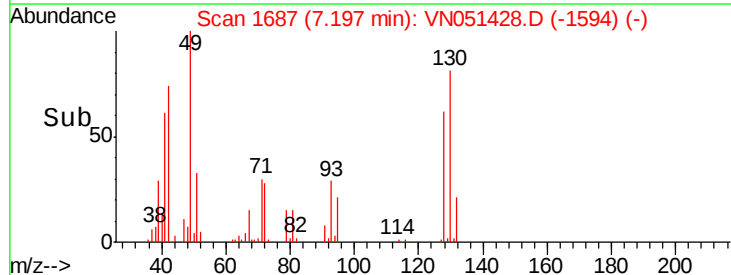
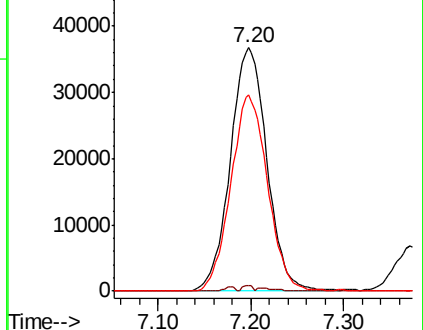
130 80.8 63.0 94.4

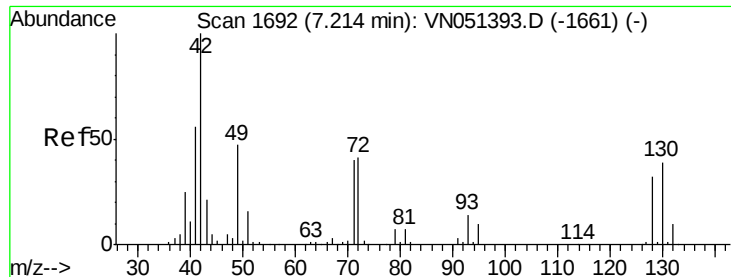


Abundance Ion 48.90 (48.60 to 49.60): VN051393.D (-1665) (-)

Ion 128.80 (128.50 to 129.50): VN051393.D (-1665) (-)

Ion 129.80 (129.50 to 130.50): VN051393.D (-1665) (-)

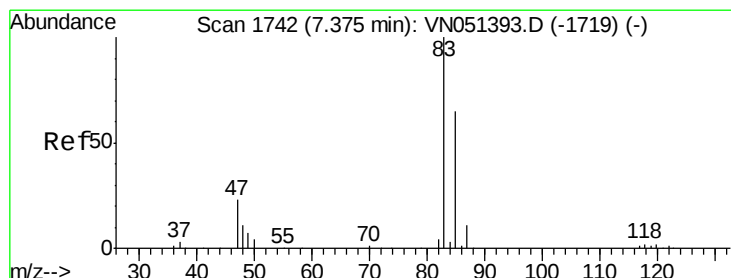
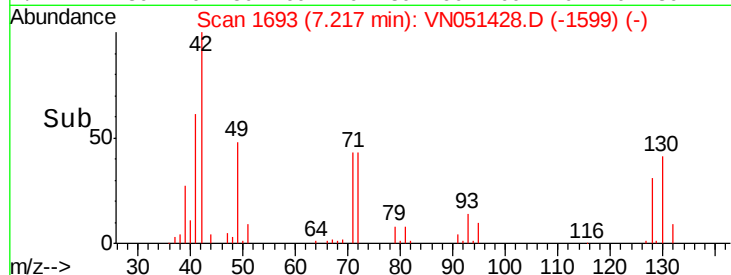
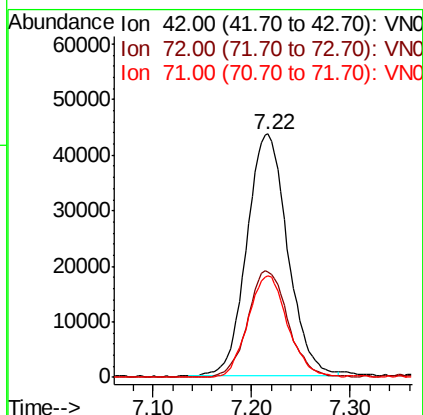
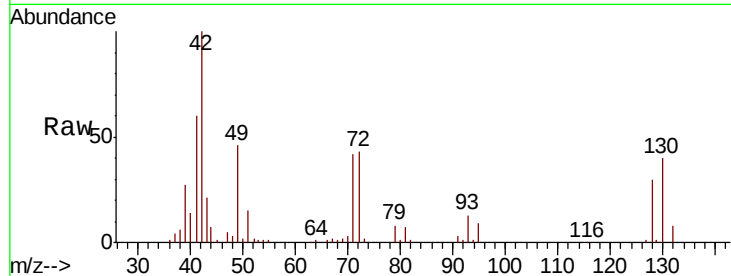




#29
Tetrahydrofuran
Concen: 94.399 ug/l
RT: 7.22 min Scan# 1693
Delta R.T. 0.00 min
Lab File: VN051428.D
Acq: 23 Sep 2018 22:08

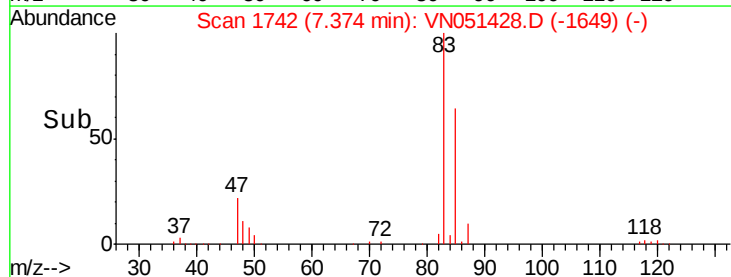
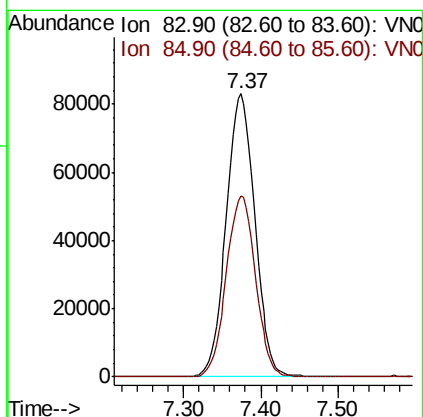
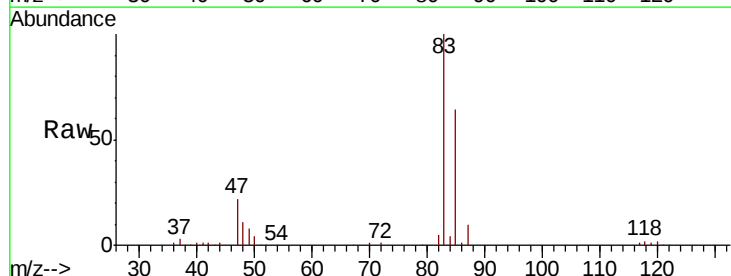
Instrument :
MSVOA_N
ClientSampleId :
VN0923WBSD02

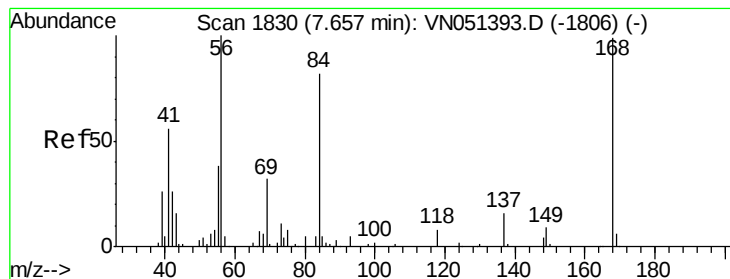
Tgt Ion: 42 Resp: 125025
Ion Ratio Lower Upper
42 100
72 43.1 34.3 51.5
71 40.8 32.2 48.4



#30
Chloroform
Concen: 20.565 ug/l
RT: 7.37 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VN051428.D
Acq: 23 Sep 2018 22:08

Tgt Ion: 83 Resp: 213847
Ion Ratio Lower Upper
83 100
85 64.1 51.8 77.6





#31

Cyclohexane

Concen: 18.478 ug/l

RT: 7.66 min Scan# 1830

Delta R.T. -0.00 min

Lab File: VN051428.D

Acq: 23 Sep 2018 22:08

Instrument :

MSVOA_N

ClientSampleId :

VN0923WBSD02

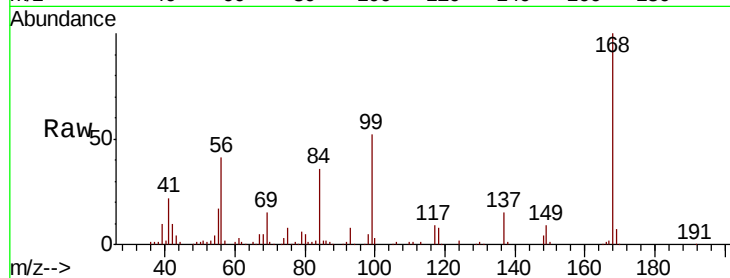
Tgt Ion: 56 Resp: 177661

Ion Ratio Lower Upper

56 100

69 35.9 25.8 38.6

84 84.5 66.0 99.0

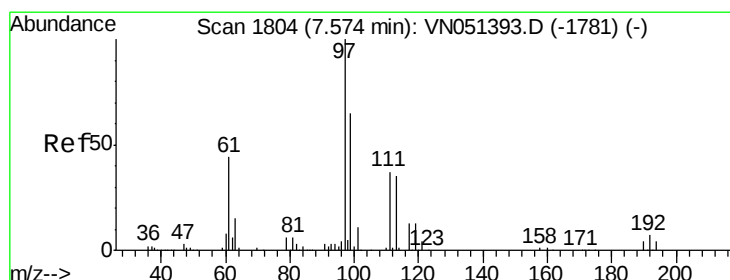
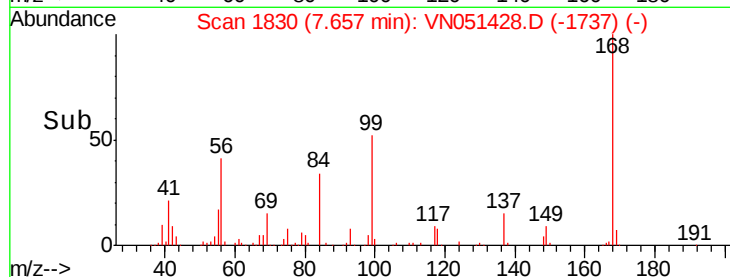
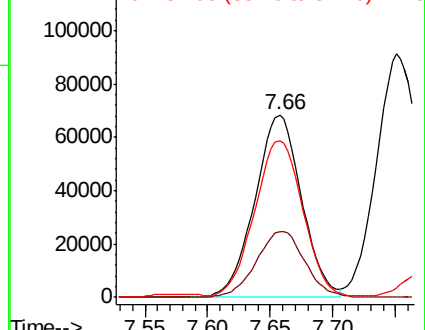


Abundance

Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0



#32

1,1,1-Trichloroethane

Concen: 20.565 ug/l

RT: 7.57 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VN051428.D

Acq: 23 Sep 2018 22:08

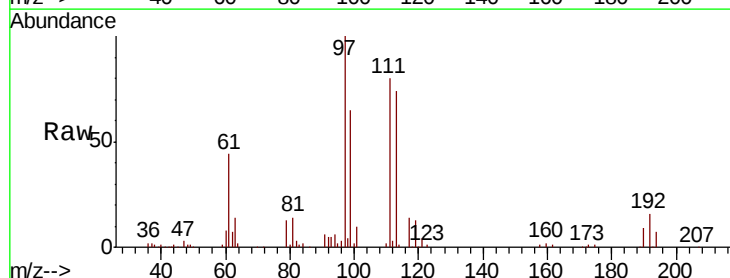
Tgt Ion: 97 Resp: 182821

Ion Ratio Lower Upper

97 100

99 64.0 51.4 77.0

61 44.4 35.8 53.8

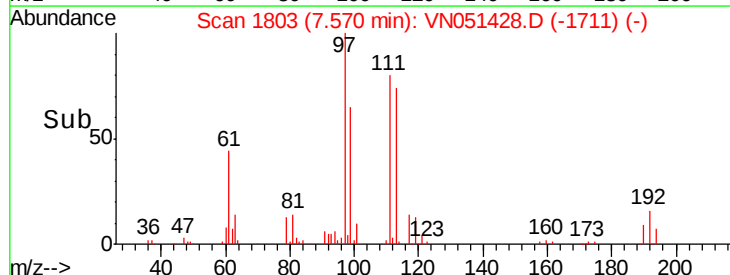
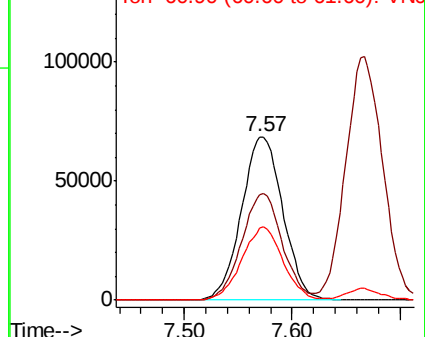


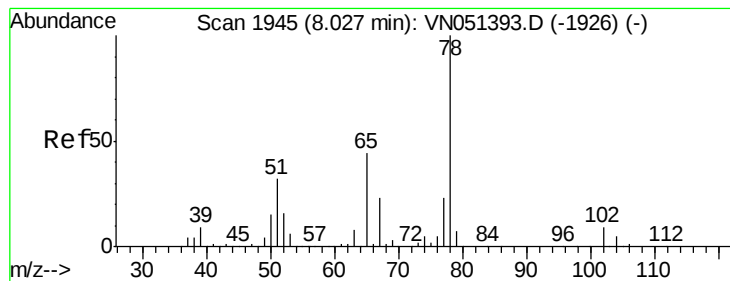
Abundance

Ion 96.90 (96.60 to 97.60): VN0

Ion 98.90 (98.60 to 99.60): VN0

Ion 60.90 (60.60 to 61.60): VN0





#33

1,2-Dichloroethane-d4

Concen: 54.699 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. -0.00 min

Lab File: VN051428.D

Acq: 23 Sep 2018 22:08

Instrument :

MSVOA_N

ClientSampleId :

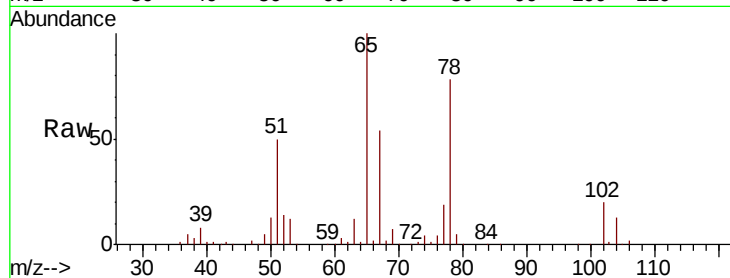
VN0923WBSD02

Tgt Ion: 65 Resp: 334000

Ion Ratio Lower Upper

65 100

67 53.7 0.0 107.8



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

8.03

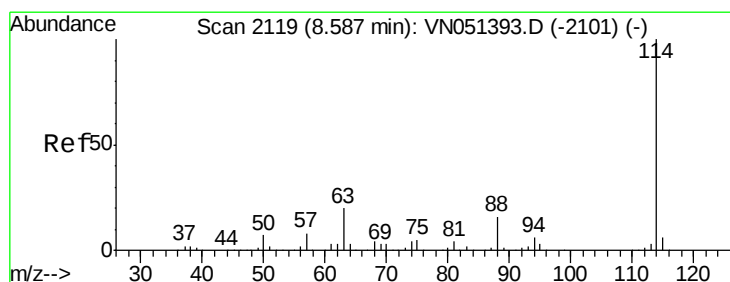
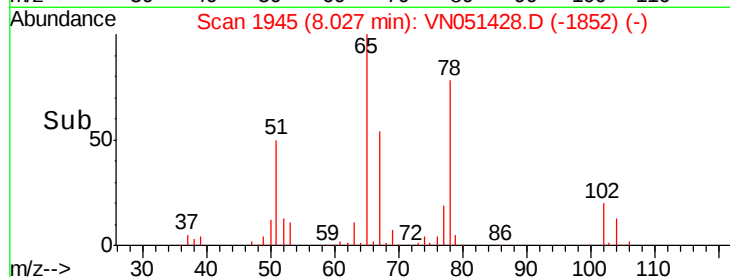
150000

100000

50000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. -0.00 min

Lab File: VN051428.D

Acq: 23 Sep 2018 22:08

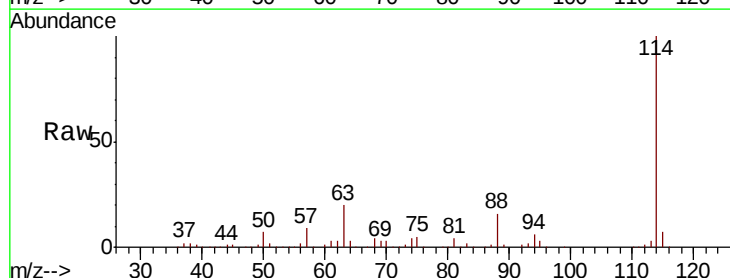
Tgt Ion: 114 Resp: 723611

Ion Ratio Lower Upper

114 100

63 20.3 0.0 40.2

88 15.8 0.0 31.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0

8.59

400000

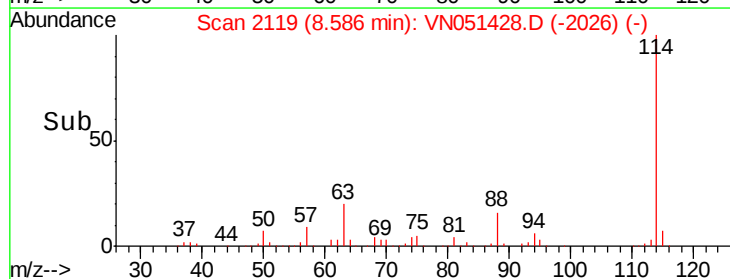
300000

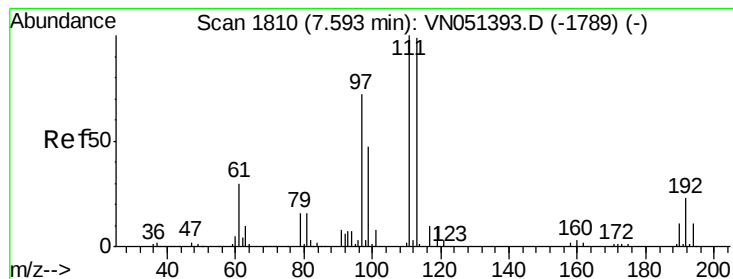
200000

100000

0

Time-->





#35

Dibromofluoromethane

Concen: 52.150 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. -0.00 min

Lab File: VN051428.D

Acq: 23 Sep 2018 22:08

Instrument :

MSVOA_N

ClientSampleId :

VN0923WBSD02

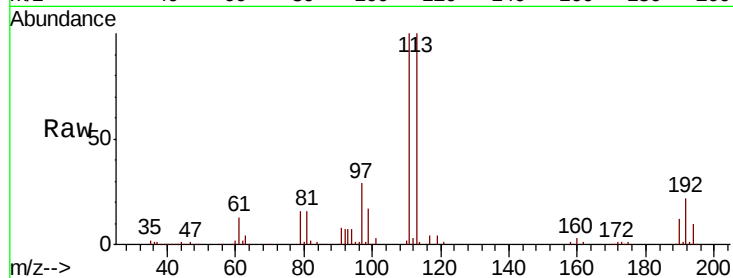
Tgt Ion:113 Resp: 301761

Ion Ratio Lower Upper

113 100

111 102.6 82.6 123.8

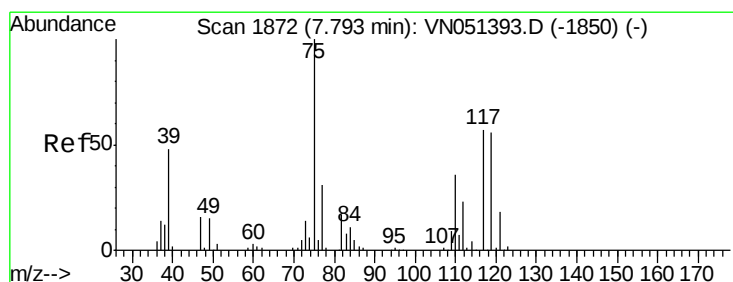
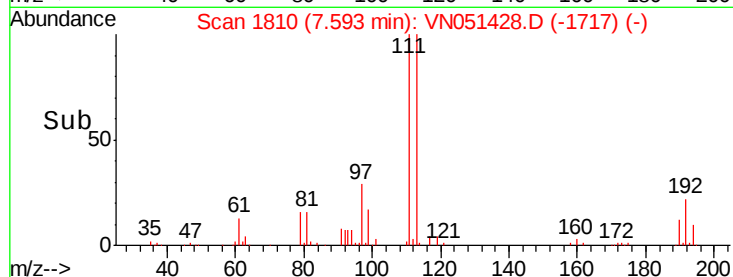
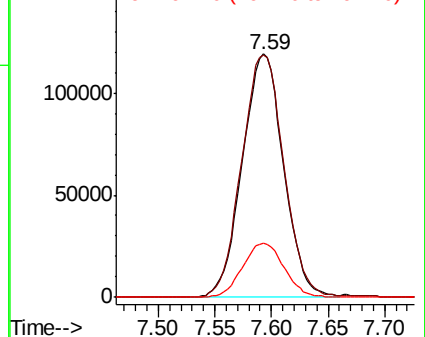
192 22.4 18.0 27.0



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 18.611 ug/l

RT: 7.79 min Scan# 1872

Delta R.T. -0.00 min

Lab File: VN051428.D

Acq: 23 Sep 2018 22:08

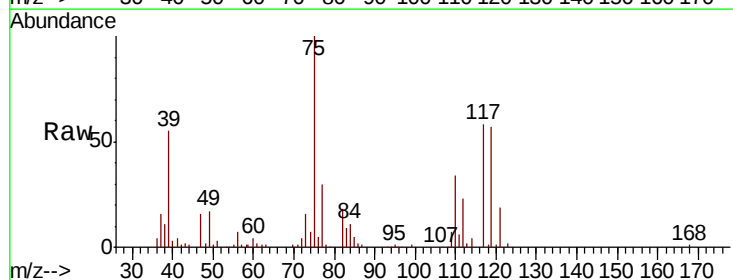
Tgt Ion: 75 Resp: 155949

Ion Ratio Lower Upper

75 100

110 34.2 18.1 54.3

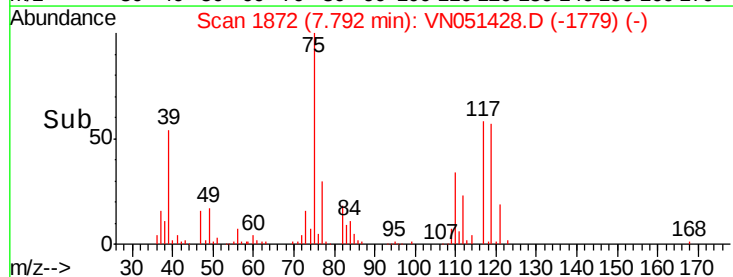
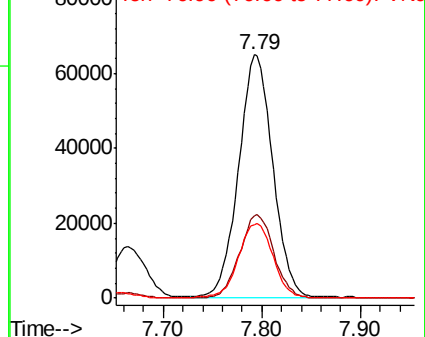
77 31.2 25.6 38.4

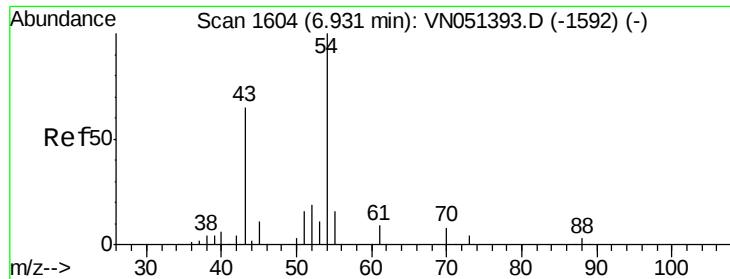


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VN0

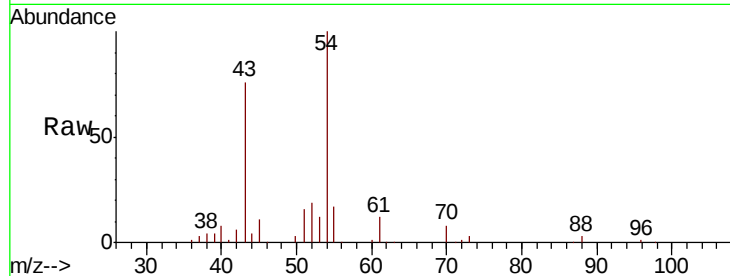




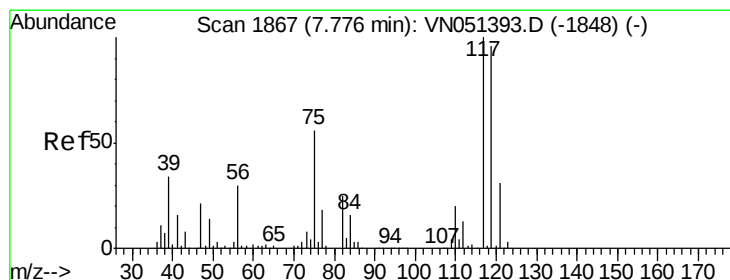
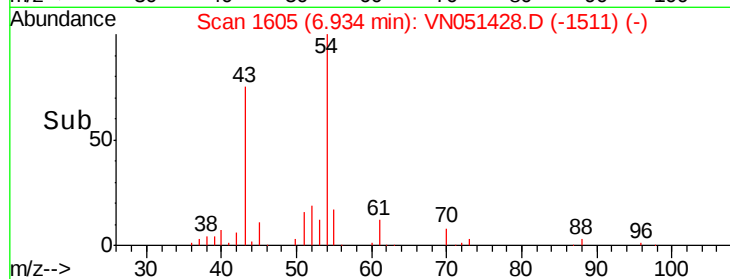
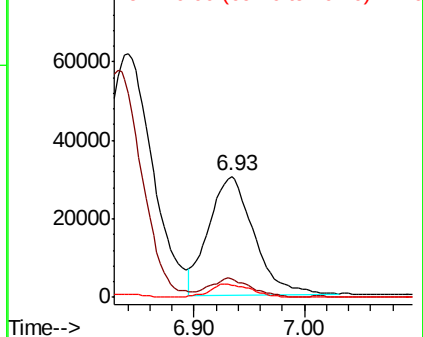
#37
Ethyl Acetate
Concen: 17.720 ug/l
RT: 6.93 min Scan# 1605
Delta R.T. 0.00 min
Lab File: VN051428.D
Acq: 23 Sep 2018 22:08

Instrument :
MSVOA_N
ClientSampleId :
VN0923WBSD02

Tgt Ion: 43 Resp: 85376
Ion Ratio Lower Upper
43 100
61 13.7 11.5 17.3
70 10.4 7.9 11.9

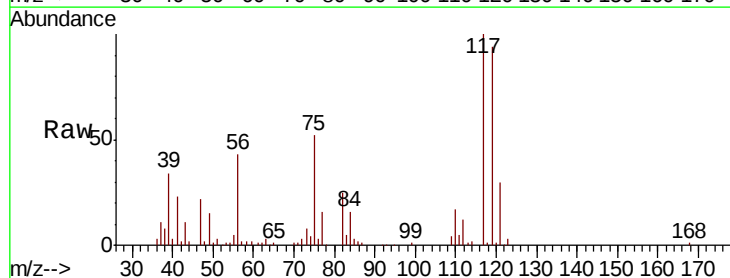


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 70.00 (69.70 to 70.70): VN0

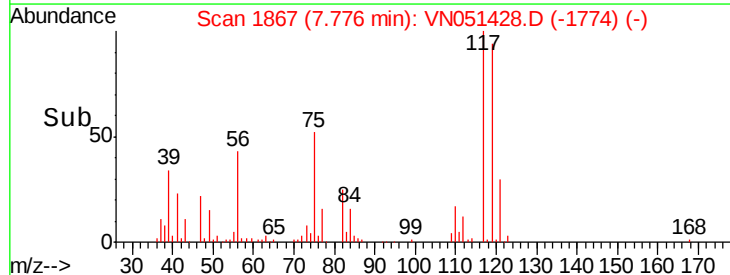
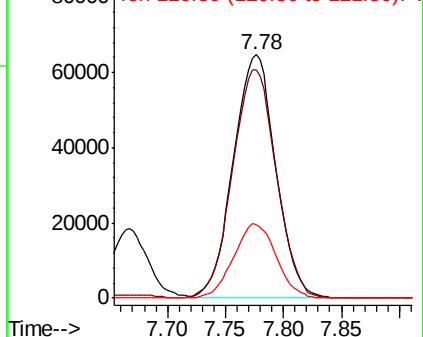


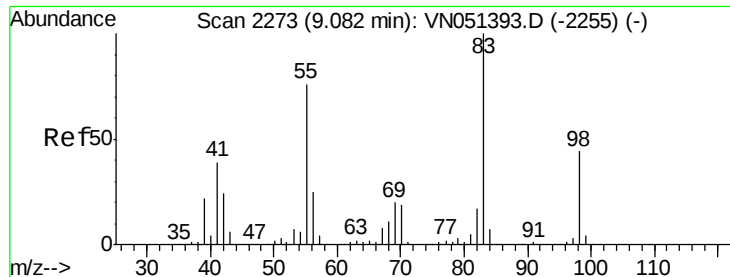
#38
Carbon Tetrachloride
Concen: 18.849 ug/l
RT: 7.78 min Scan# 1867
Delta R.T. -0.00 min
Lab File: VN051428.D
Acq: 23 Sep 2018 22:08

Tgt Ion: 117 Resp: 165202
Ion Ratio Lower Upper
117 100
119 93.7 76.9 115.3
121 30.4 24.6 37.0



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

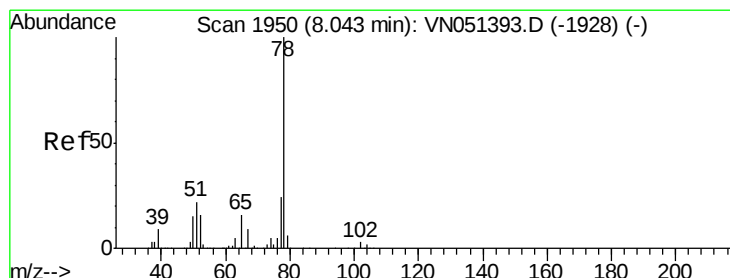
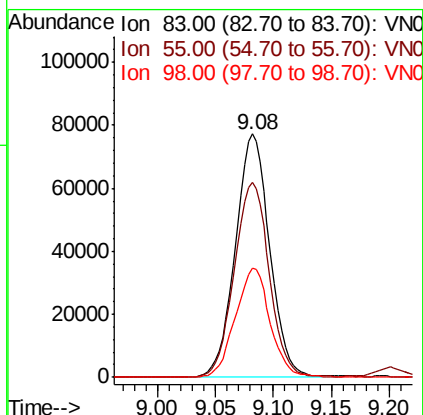
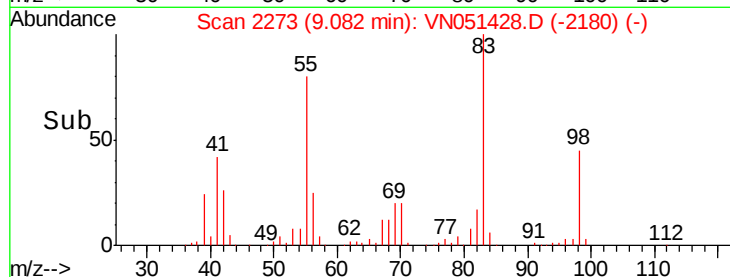
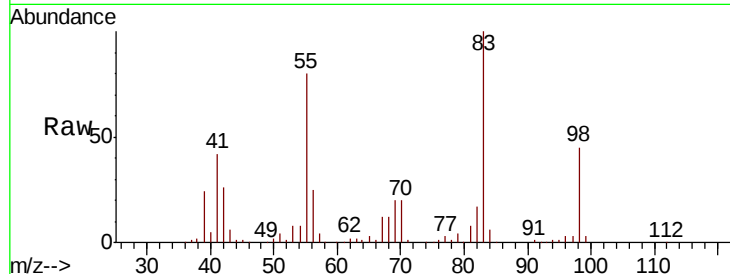




#39
Methylcyclohexane
Concen: 16.258 ug/l
RT: 9.08 min Scan# 2273
Delta R.T. -0.00 min
Lab File: VN051428.D
Acq: 23 Sep 2018 22:08

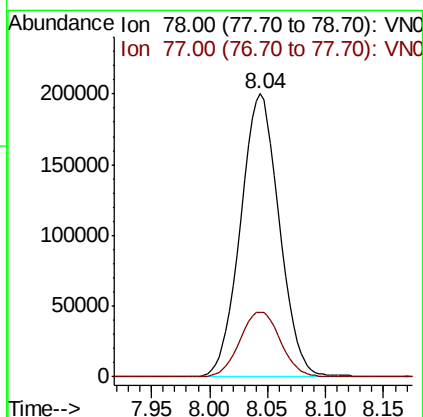
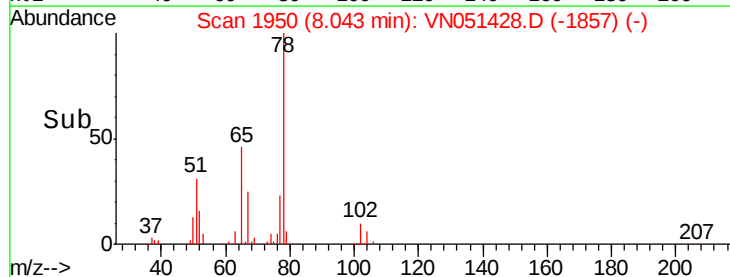
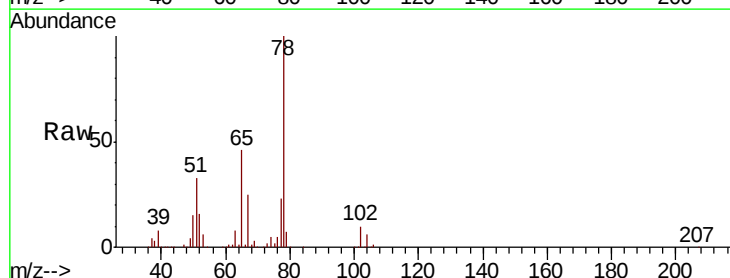
Instrument :
MSVOA_N
ClientSampleId :
VN0923WBSD02

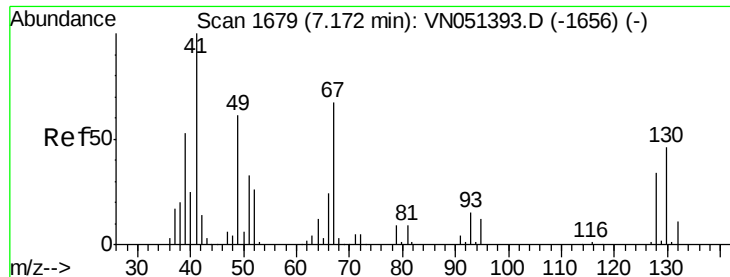
Tgt Ion: 83 Resp: 159261
Ion Ratio Lower Upper
83 100
55 79.9 61.0 91.4
98 44.8 35.6 53.4



#40
Benzene
Concen: 18.917 ug/l
RT: 8.04 min Scan# 1950
Delta R.T. -0.00 min
Lab File: VN051428.D
Acq: 23 Sep 2018 22:08

Tgt Ion: 78 Resp: 465447
Ion Ratio Lower Upper
78 100
77 22.9 19.2 28.8

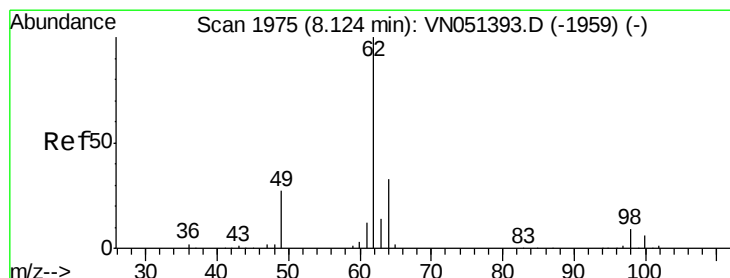
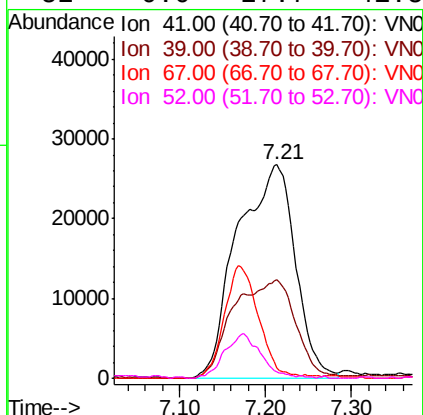
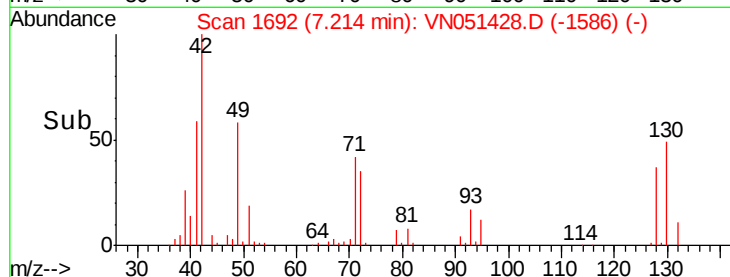
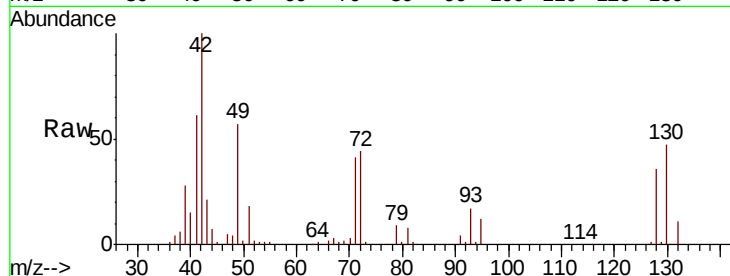




#41
Methacrylonitrile
Concen: 46.852 ug/l
RT: 7.21 min Scan# 1692
Delta R.T. 0.04 min
Lab File: VN051428.D
Acq: 23 Sep 2018 22:08

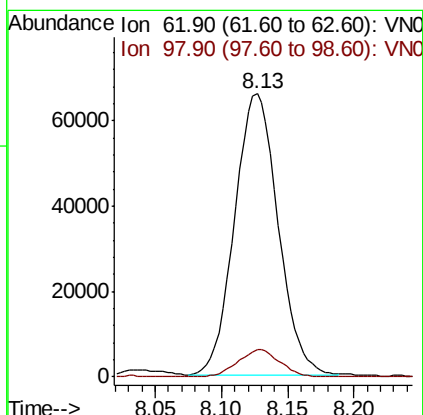
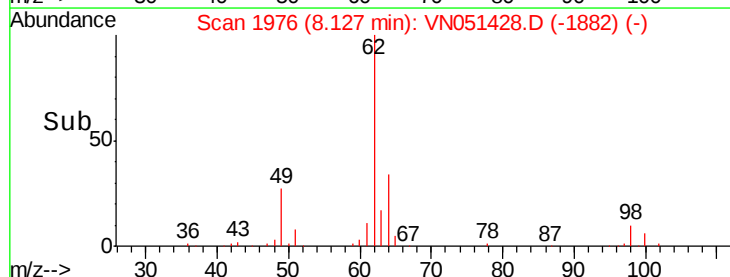
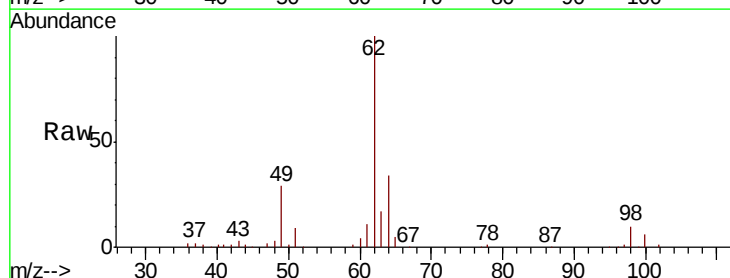
Instrument :
MSVOA_N
ClientSampleId :
VN0923WBSD02

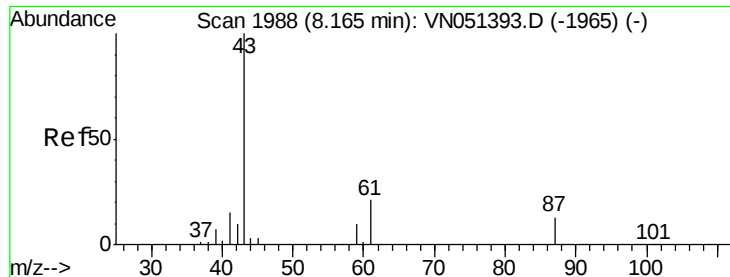
Tgt Ion: 41 Resp: 124882
Ion Ratio Lower Upper
41 100
39 0.0 51.4 77.2#
67 0.0 66.8 100.2#
52 0.0 27.7 41.5#



#42
1,2-Dichloroethane
Concen: 19.138 ug/l
RT: 8.13 min Scan# 1976
Delta R.T. 0.00 min
Lab File: VN051428.D
Acq: 23 Sep 2018 22:08

Tgt Ion: 62 Resp: 150777
Ion Ratio Lower Upper
62 100
98 9.4 0.0 18.6





#43

Isopropyl Acetate

Concen: 19.963 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. -0.00 min

Lab File: VN051428.D

Acq: 23 Sep 2018 22:08

Instrument :

MSVOA_N

ClientSampleId :

VN0923WBSD02

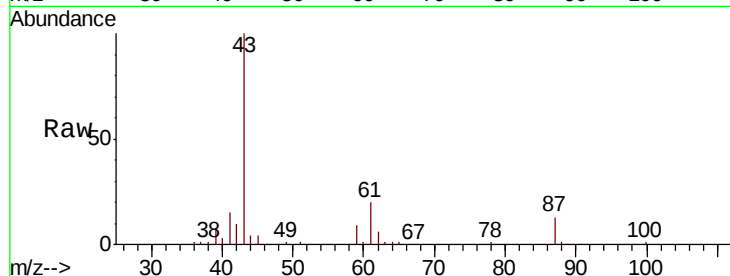
Tgt Ion: 43 Resp: 173921

Ion Ratio Lower Upper

43 100

61 18.0 16.8 25.2

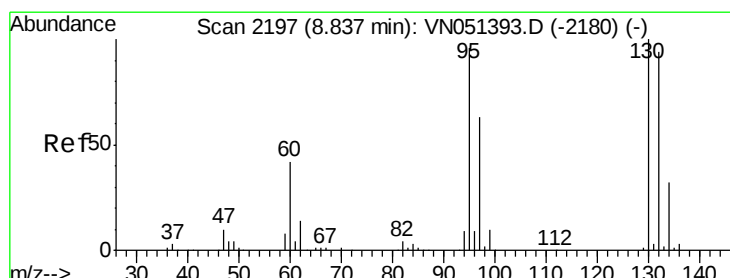
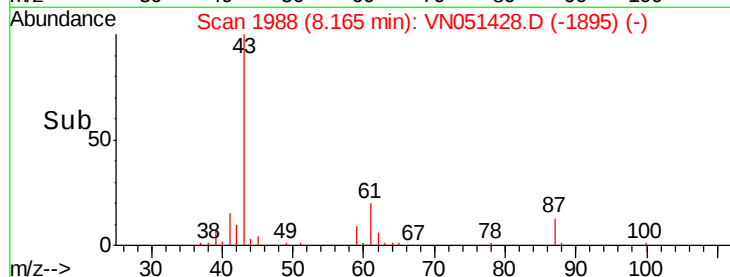
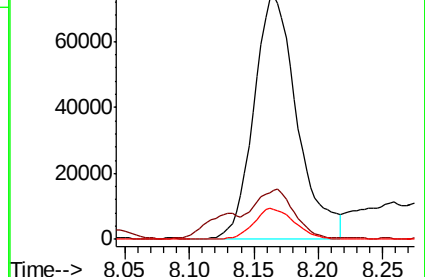
87 12.0 10.7 16.1



Abundance Ion 43.00 (42.70 to 43.70): VN051393.D (-1965) (-)

Ion 61.00 (60.70 to 61.70): VN051393.D (-1965) (-)

Ion 87.00 (86.70 to 87.70): VN051393.D (-1965) (-)



#44

Trichloroethene

Concen: 18.493 ug/l

RT: 8.84 min Scan# 2197

Delta R.T. -0.00 min

Lab File: VN051428.D

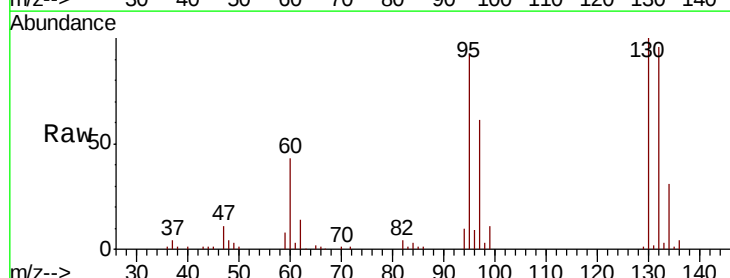
Acq: 23 Sep 2018 22:08

Tgt Ion: 130 Resp: 120853

Ion Ratio Lower Upper

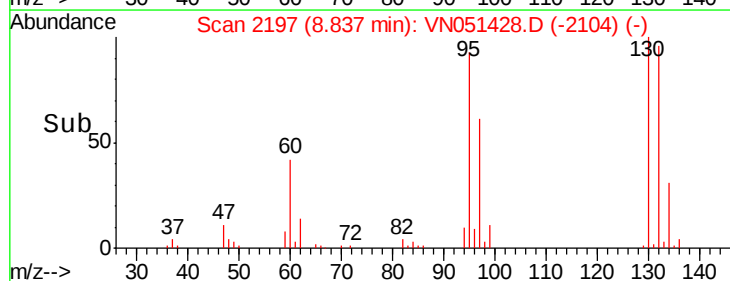
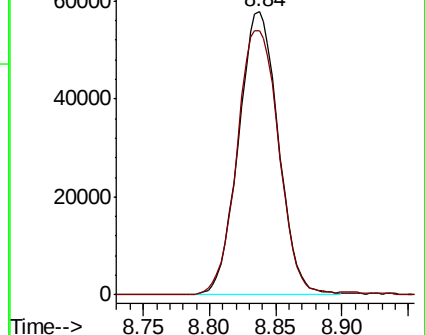
130 100

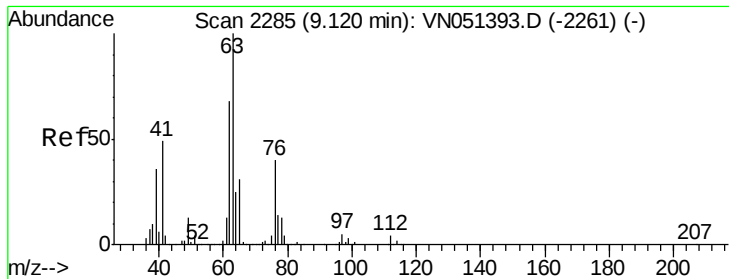
95 93.2 0.0 192.2



Abundance Ion 129.80 (129.50 to 130.50): VN051393.D (-2180) (-)

Ion 94.90 (94.60 to 95.60): VN051393.D (-2180) (-)





#45

1,2-Dichloropropane

Concen: 18.950 ug/l

RT: 9.12 min Scan# 2285

Delta R.T. -0.00 min

Lab File: VN051428.D

Acq: 23 Sep 2018 22:08

Instrument :

MSVOA_N

ClientSampleId :

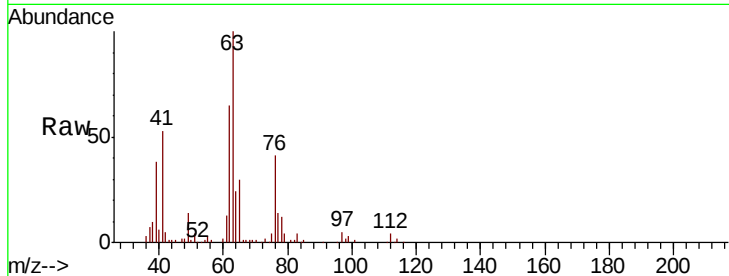
VN0923WBSD02

Tgt Ion: 63 Resp: 126744

Ion Ratio Lower Upper

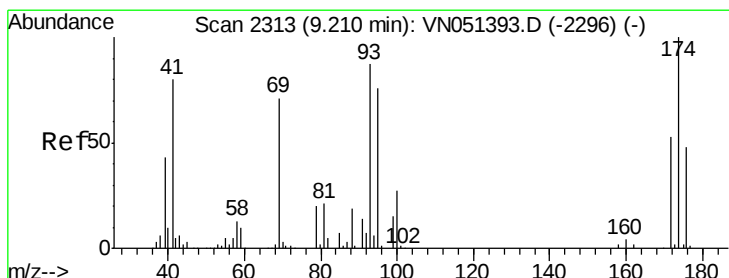
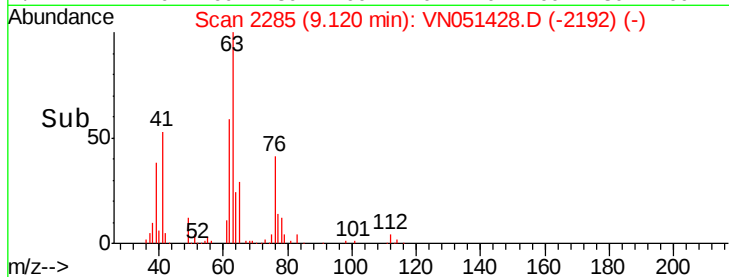
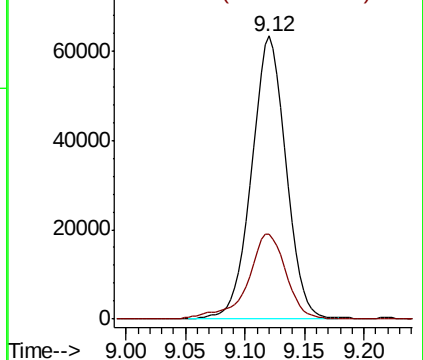
63 100

65 29.5 24.9 37.3



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0



#46

Dibromomethane

Concen: 19.452 ug/l

RT: 9.21 min Scan# 2313

Delta R.T. -0.00 min

Lab File: VN051428.D

Acq: 23 Sep 2018 22:08

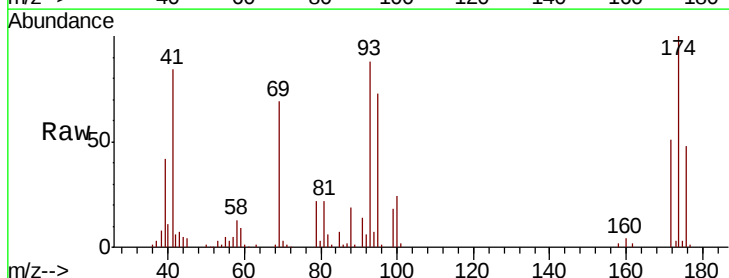
Tgt Ion: 93 Resp: 73509

Ion Ratio Lower Upper

93 100

95 83.5 67.6 101.4

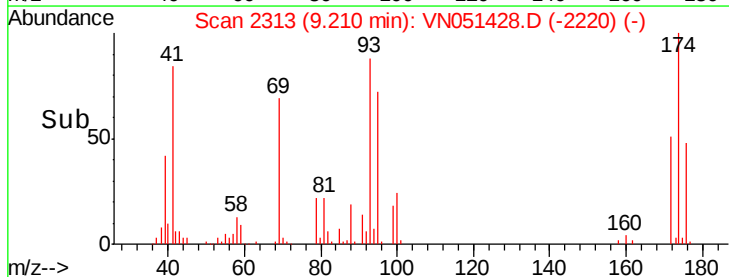
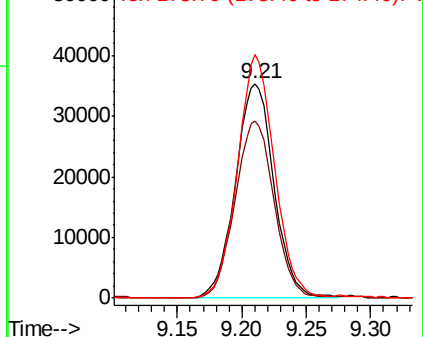
174 109.2 89.6 134.4

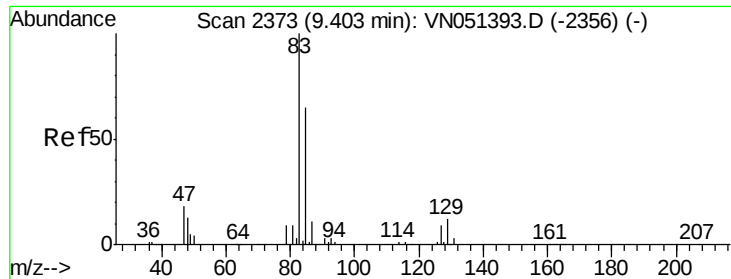


Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 19.139 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. -0.00 min

Lab File: VN051428.D

Acq: 23 Sep 2018 22:08

Instrument :

MSVOA_N

ClientSampleId :

VN0923WBSD02

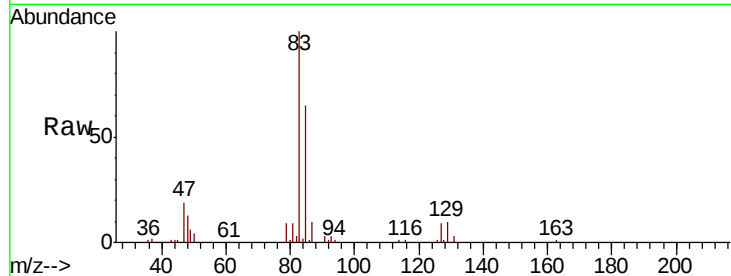
Tgt Ion: 83 Resp: 160058

Ion Ratio Lower Upper

83 100

85 65.3 51.8 77.6

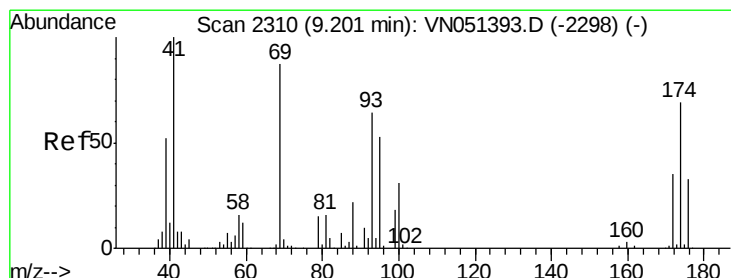
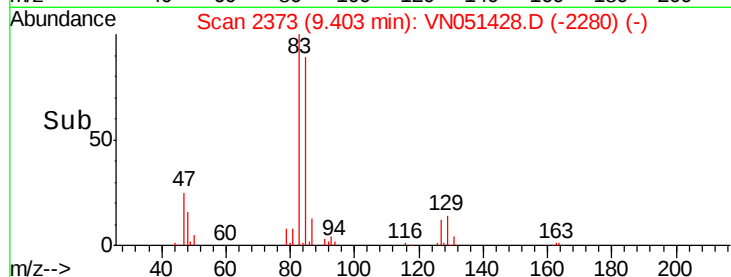
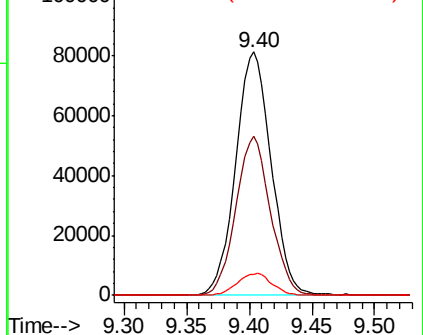
127 8.8 7.4 11.2



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 126.80 (126.50 to 127.50): VN0



#48

Methyl methacrylate

Concen: 19.571 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. -0.00 min

Lab File: VN051428.D

Acq: 23 Sep 2018 22:08

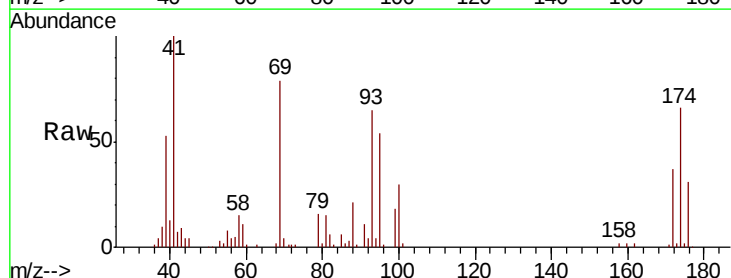
Tgt Ion: 41 Resp: 85009

Ion Ratio Lower Upper

41 100

69 83.0 70.4 105.6

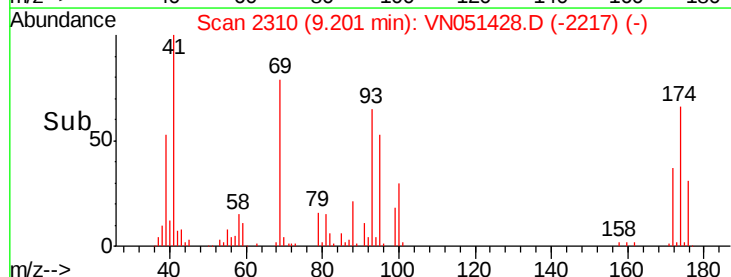
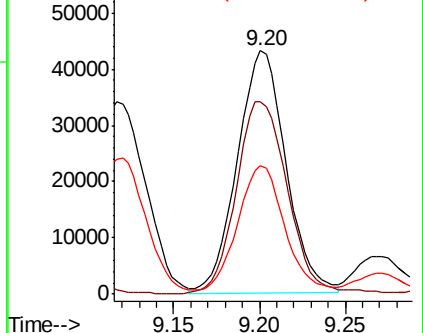
39 51.5 43.8 65.8

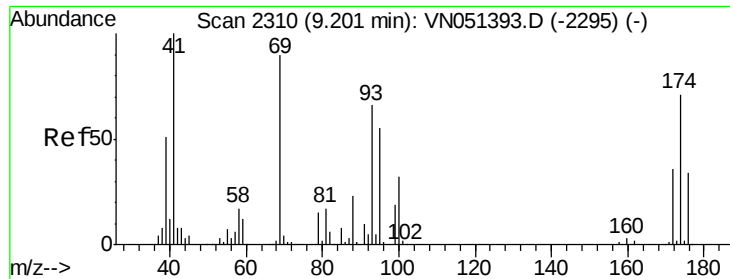


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#49

1,4-Dioxane

Concen: 369.452 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. -0.00 min

Lab File: VN051428.D

Acq: 23 Sep 2018 22:08

Instrument :

MSVOA_N

ClientSampleId :

VN0923WBSD02

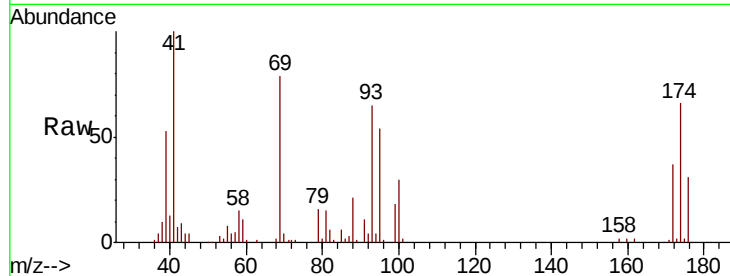
Tgt Ion: 88 Resp: 19667

Ion Ratio Lower Upper

88 100

43 35.9 25.9 38.9

58 73.4 57.0 85.4

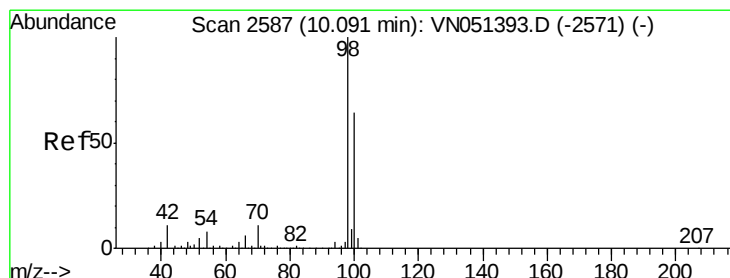
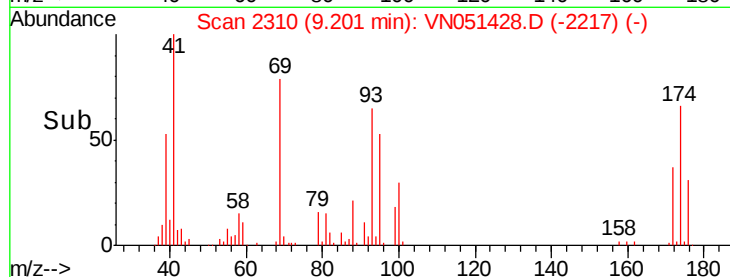
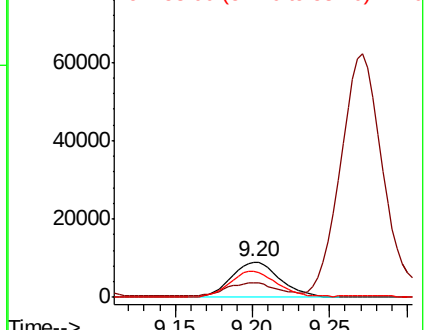


Abundance

Ion 88.00 (87.70 to 88.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#50

Toluene-d8

Concen: 49.858 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN051428.D

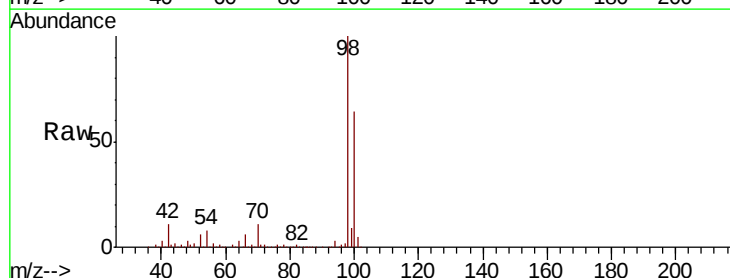
Acq: 23 Sep 2018 22:08

Tgt Ion: 98 Resp: 1086385

Ion Ratio Lower Upper

98 100

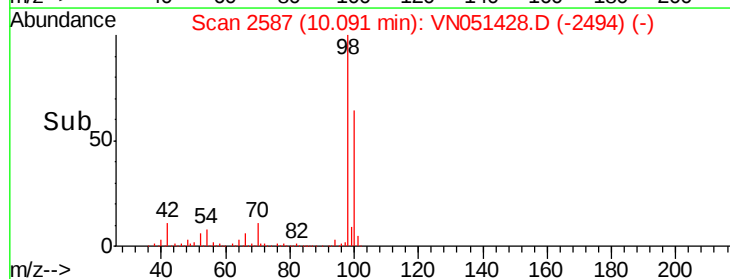
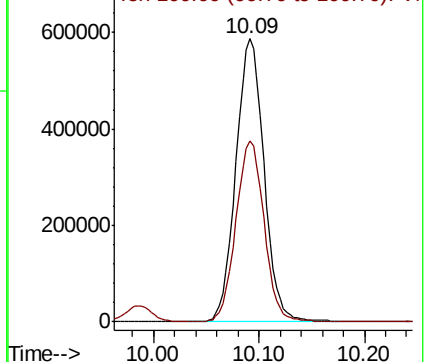
100 64.0 50.6 75.8

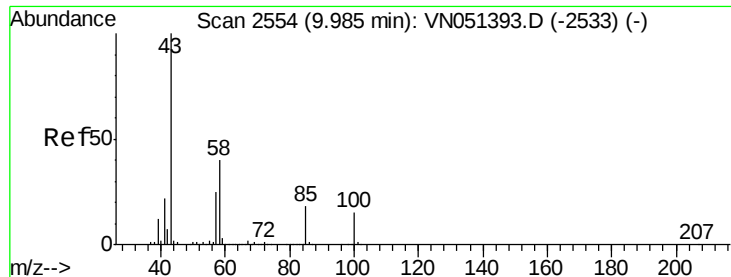


Abundance

Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0

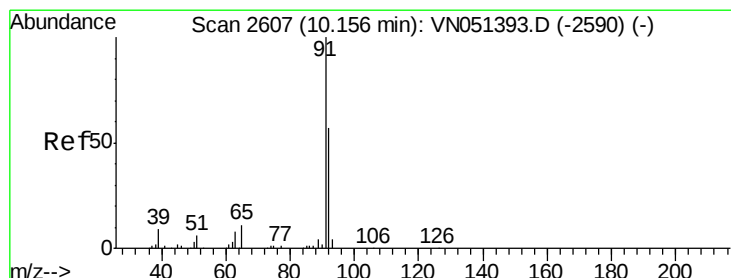
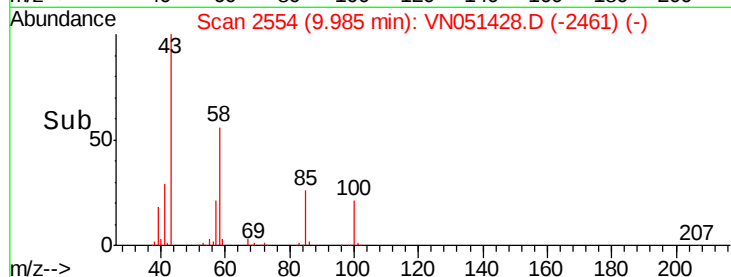
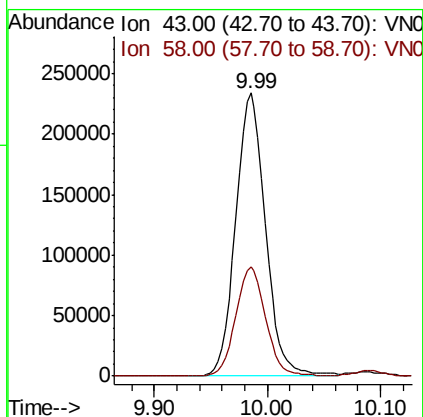
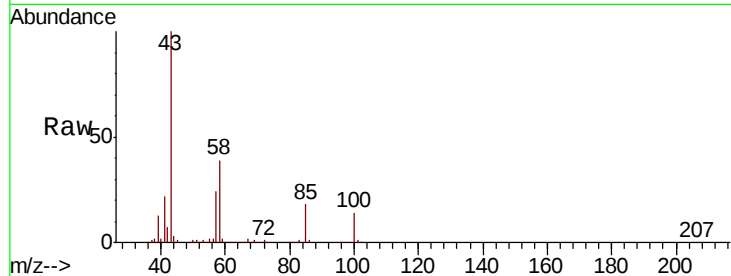




#51
 4-Methyl-2-Pentanone
 Concen: 89.321 ug/l
 RT: 9.99 min Scan# 2554
 Delta R.T. -0.00 min
 Lab File: VN051428.D
 Acq: 23 Sep 2018 22:08

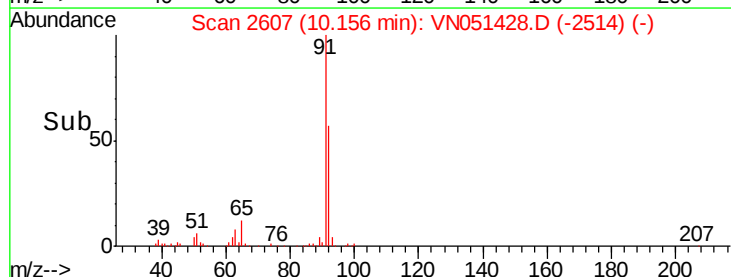
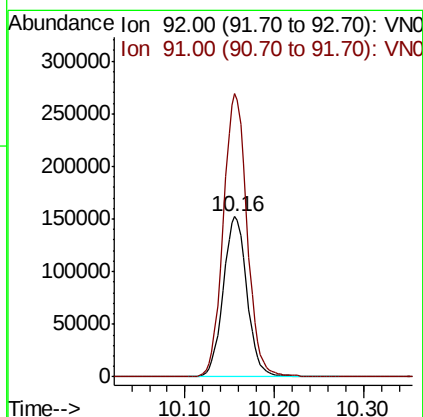
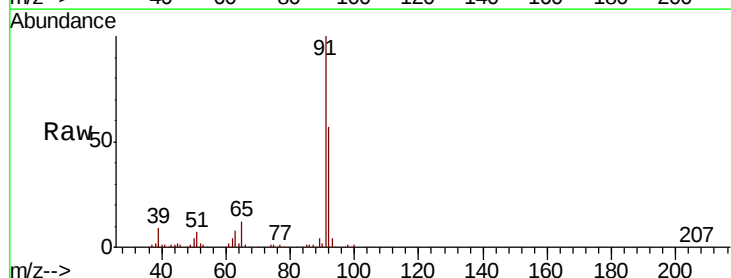
Instrument :
 MSVOA_N
 ClientSampleID :
 VN0923WBSD02

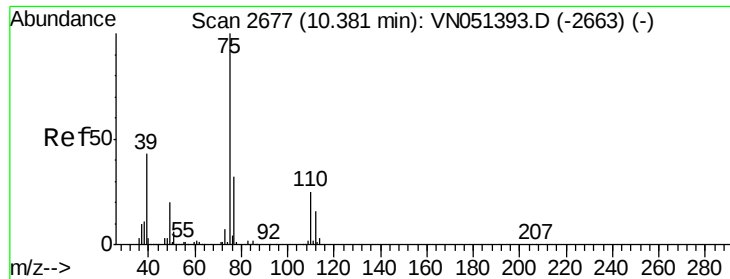
Tgt Ion: 43 Resp: 427970
 Ion Ratio Lower Upper
 43 100
 58 38.9 31.5 47.3



#52
 Toluene
 Concen: 18.432 ug/l
 RT: 10.16 min Scan# 2607
 Delta R.T. -0.00 min
 Lab File: VN051428.D
 Acq: 23 Sep 2018 22:08

Tgt Ion: 92 Resp: 281842
 Ion Ratio Lower Upper
 92 100
 91 176.6 142.2 213.4





#53

t-1,3-Dichloropropene

Concen: 15.887 ug/l

RT: 10.38 min Scan# 2678

Delta R.T. 0.00 min

Lab File: VN051428.D

Acq: 23 Sep 2018 22:08

Instrument :

MSVOA_N

ClientSampleId :

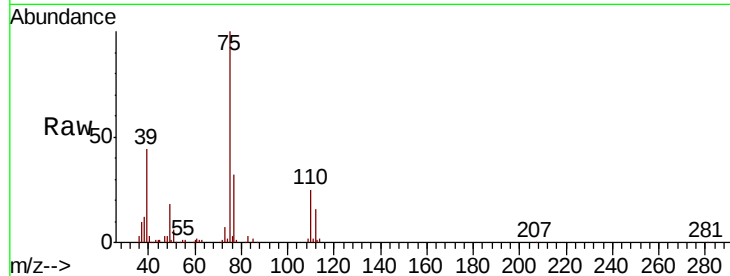
VN0923WBSD02

Tgt Ion: 75 Resp: 134134

Ion Ratio Lower Upper

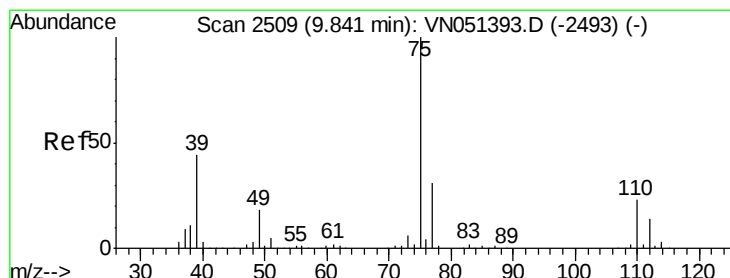
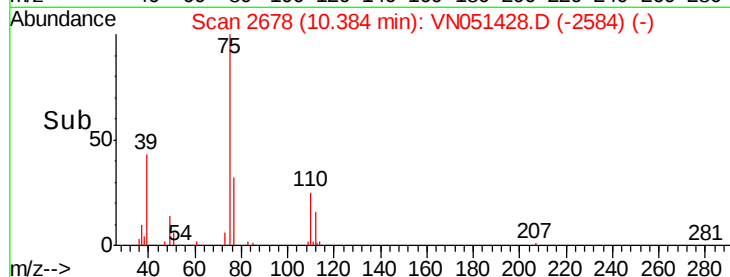
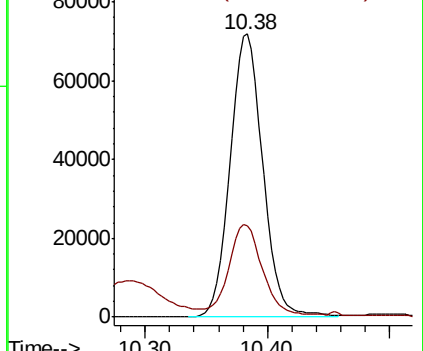
75 100

77 30.8 25.8 38.8



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



#54

cis-1,3-Dichloropropene

Concen: 16.512 ug/l

RT: 9.84 min Scan# 2509

Delta R.T. -0.00 min

Lab File: VN051428.D

Acq: 23 Sep 2018 22:08

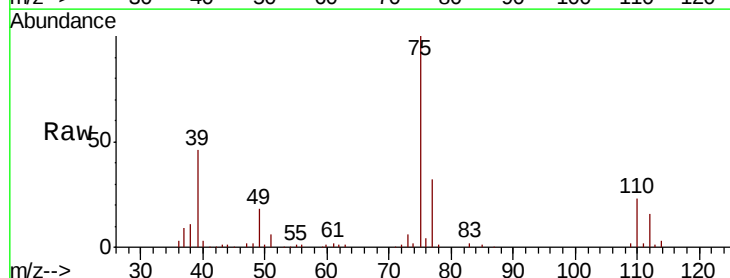
Tgt Ion: 75 Resp: 161673

Ion Ratio Lower Upper

75 100

77 32.3 25.2 37.8

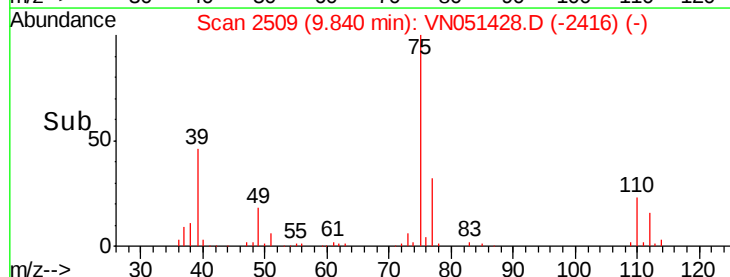
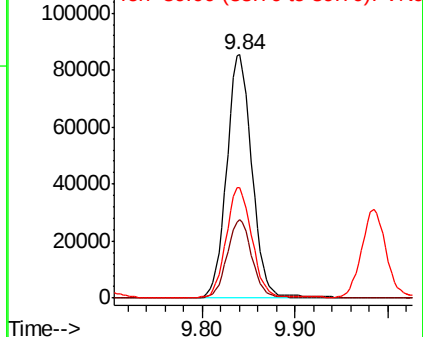
39 45.6 35.4 53.2

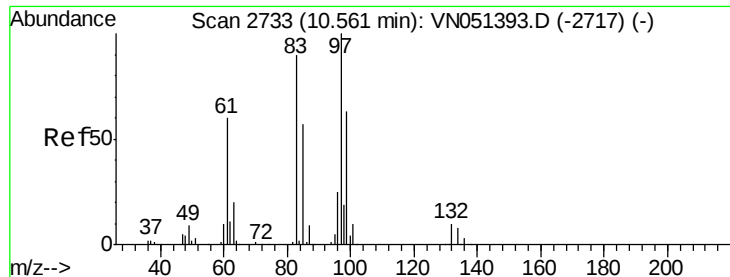


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0

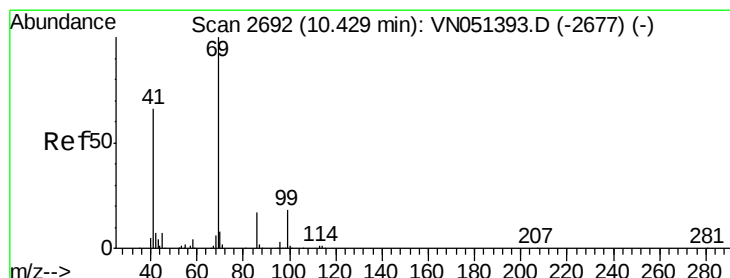
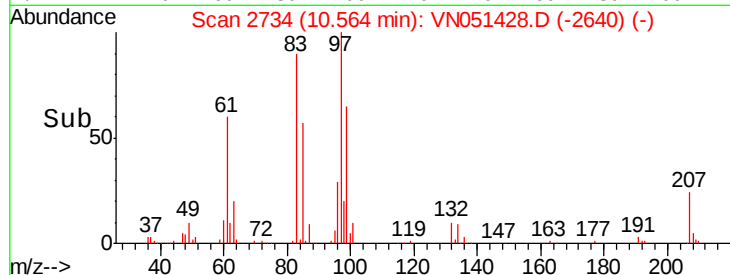
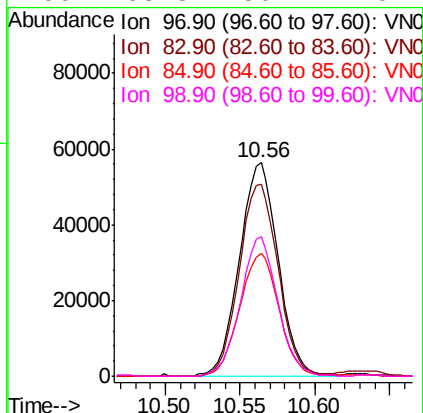
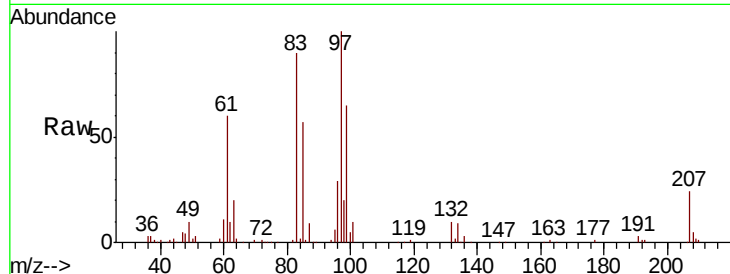




#55
 1,1,2-Trichloroethane
 Concen: 18.844 ug/l
 RT: 10.56 min Scan# 2734
 Delta R.T. 0.00 min
 Lab File: VN051428.D
 Acq: 23 Sep 2018 22:08

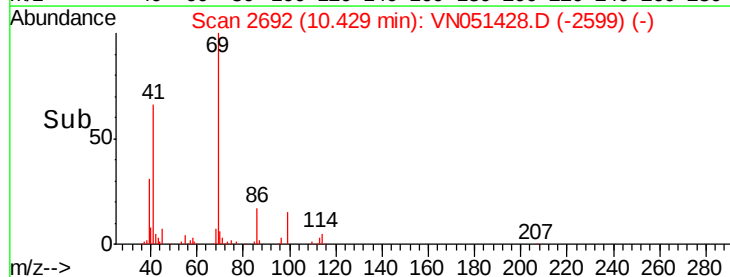
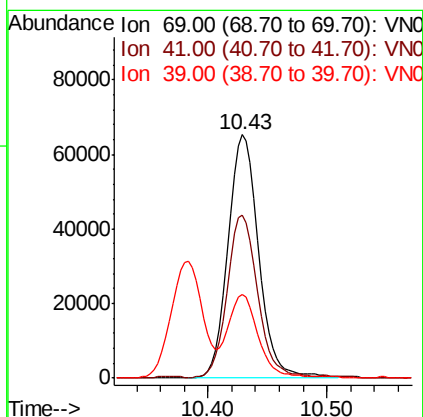
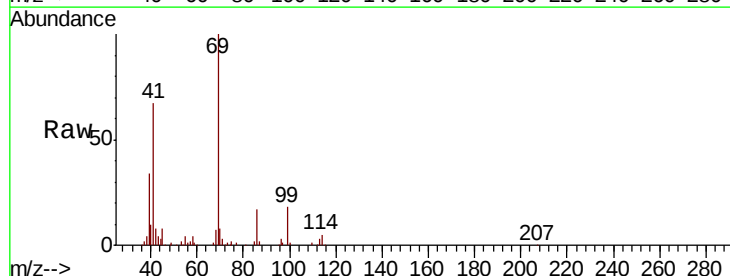
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0923WBSD02

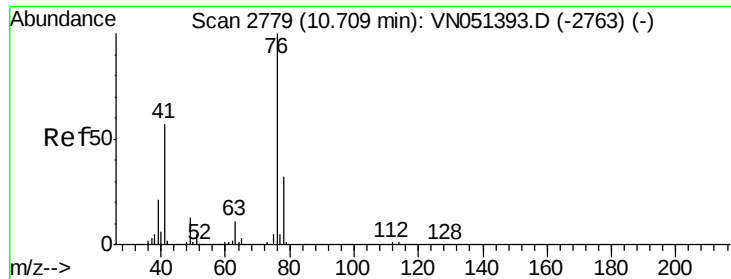
Tgt Ion:	97	Resp:	101833
Ion	Ratio	Lower	Upper
97	100		
83	89.6	72.0	108.0
85	57.5	45.2	67.8
99	65.3	50.7	76.1



#56
 Ethyl methacrylate
 Concen: 17.654 ug/l
 RT: 10.43 min Scan# 2692
 Delta R.T. -0.00 min
 Lab File: VN051428.D
 Acq: 23 Sep 2018 22:08

Tgt Ion:	69	Resp:	116639
Ion	Ratio	Lower	Upper
69	100		
41	65.8	52.4	78.6
39	34.6	26.3	39.5

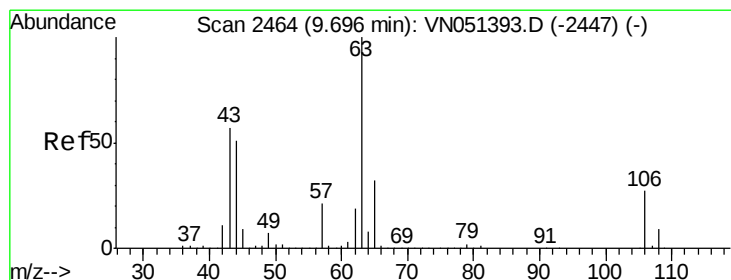
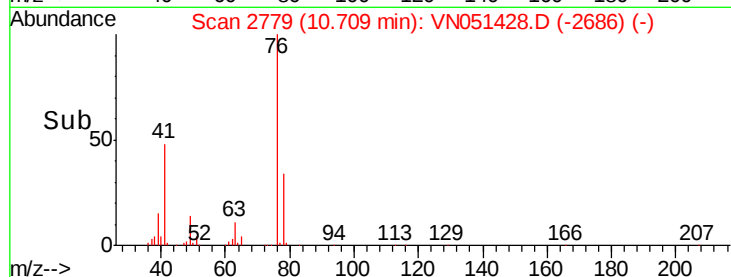
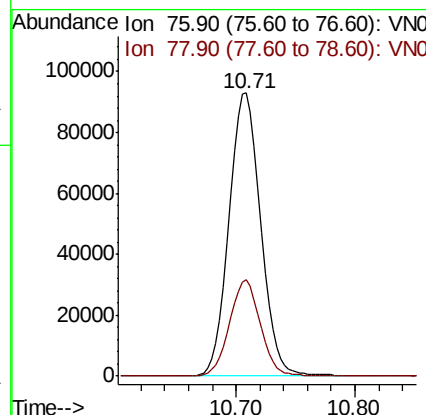
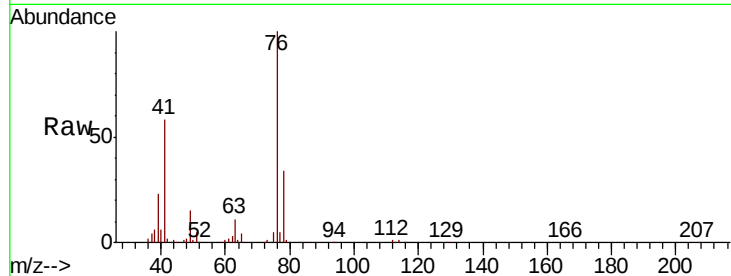




#57
 1,3-Dichloropropane
 Concen: 18.567 ug/l
 RT: 10.71 min Scan# 2779
 Delta R.T. -0.00 min
 Lab File: VN051428.D
 Acq: 23 Sep 2018 22:08

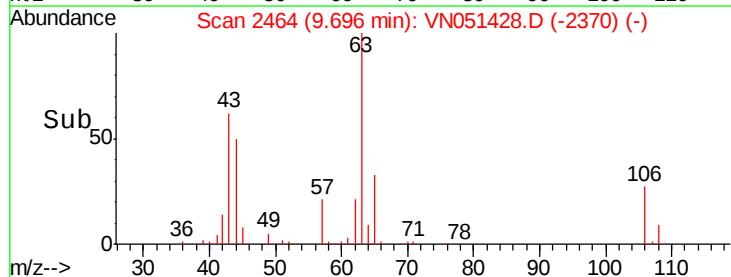
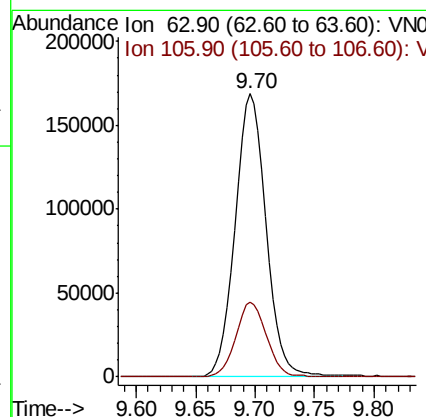
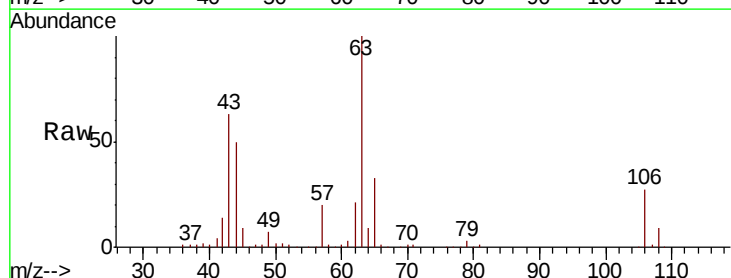
Instrument :
 MSVOA_N
 ClientSampled :
 VN0923WBSD02

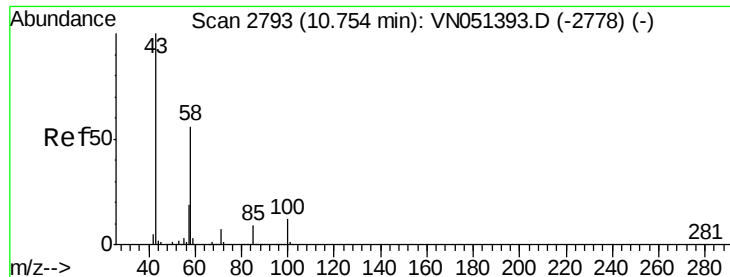
Tgt Ion: 76 Resp: 171971
 Ion Ratio Lower Upper
 76 100
 78 33.2 25.5 38.3



#58
 2-Chloroethyl Vinyl ether
 Concen: 98.644 ug/l
 RT: 9.70 min Scan# 2464
 Delta R.T. 0.00 min
 Lab File: VN051428.D
 Acq: 23 Sep 2018 22:08

Tgt Ion: 63 Resp: 304704
 Ion Ratio Lower Upper
 63 100
 106 26.4 21.4 32.2

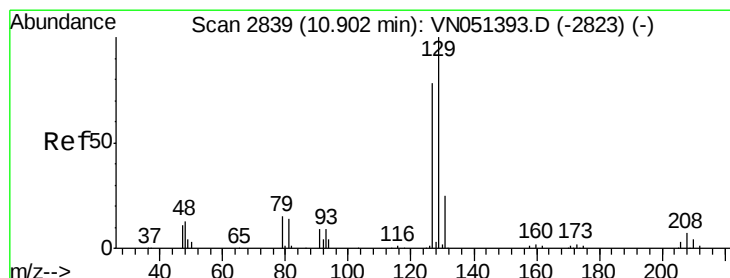
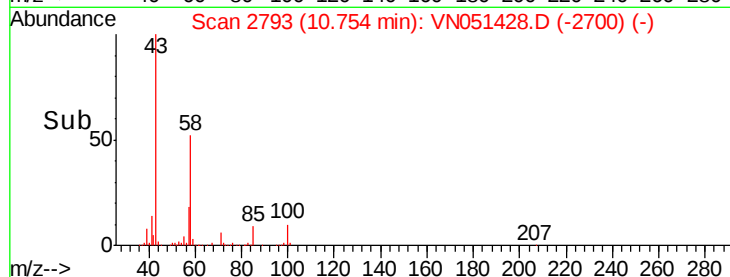
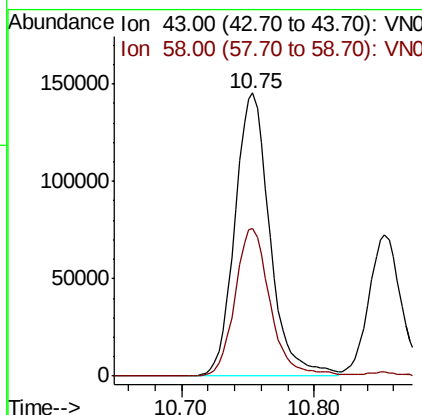
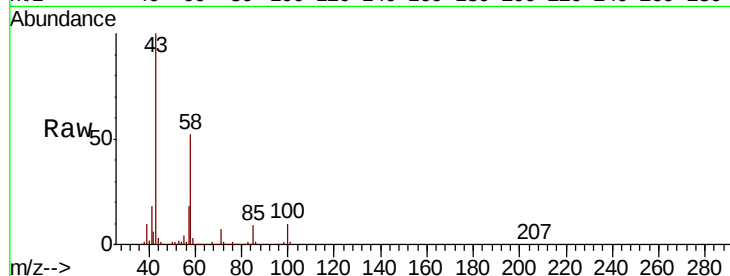




#59
2-Hexanone
Concen: 85.054 ug/l
RT: 10.75 min Scan# 2793
Delta R.T. -0.00 min
Lab File: VN051428.D
Acq: 23 Sep 2018 22:08

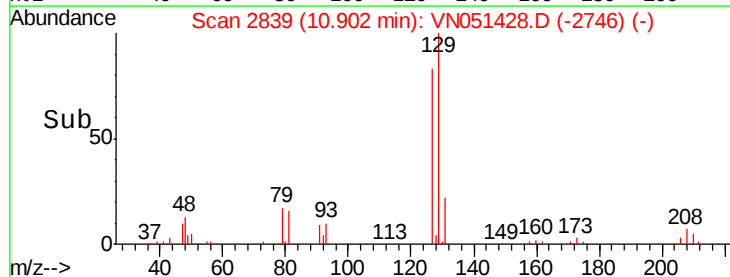
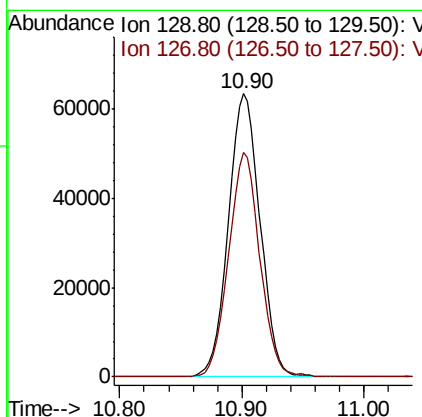
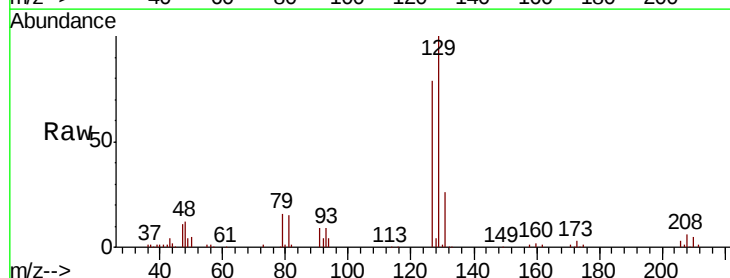
Instrument :
MSVOA_N
ClientSampleId :
VN0923WBSD02

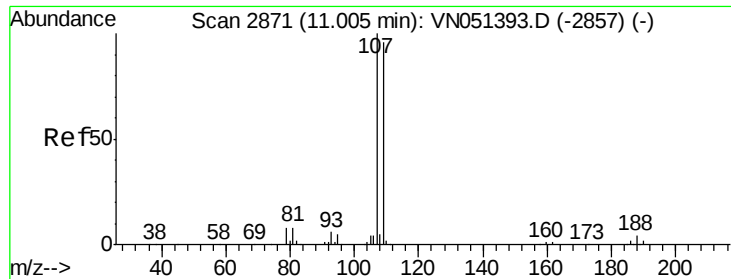
Tgt Ion: 43 Resp: 264183
Ion Ratio Lower Upper
43 100
58 53.0 27.7 83.0



#60
Dibromochloromethane
Concen: 18.011 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. -0.00 min
Lab File: VN051428.D
Acq: 23 Sep 2018 22:08

Tgt Ion: 129 Resp: 114839
Ion Ratio Lower Upper
129 100
127 78.1 38.6 116.0

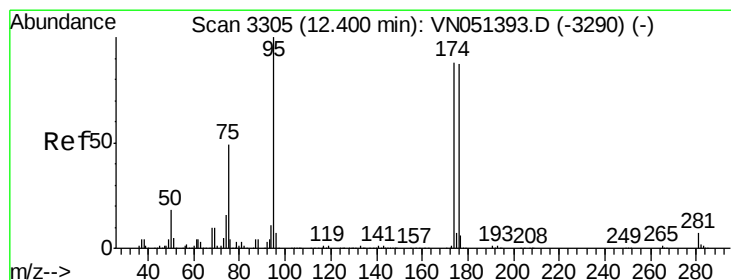
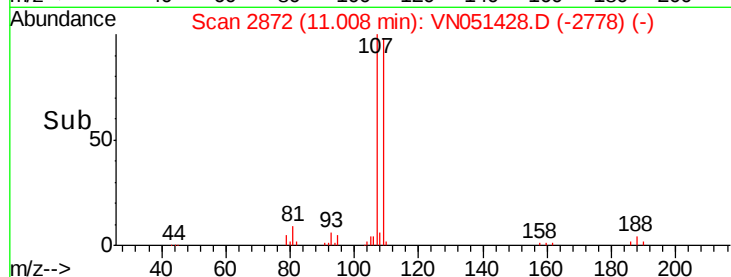
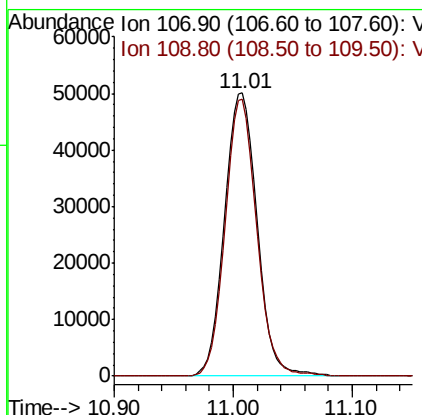
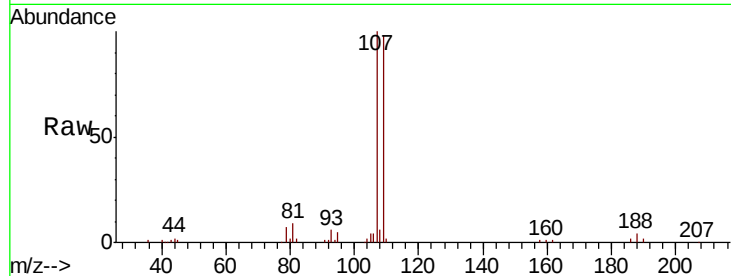




#61
 1,2-Dibromoethane
 Concen: 18.130 ug/l
 RT: 11.01 min Scan# 2872
 Delta R.T. 0.00 min
 Lab File: VN051428.D
 Acq: 23 Sep 2018 22:08

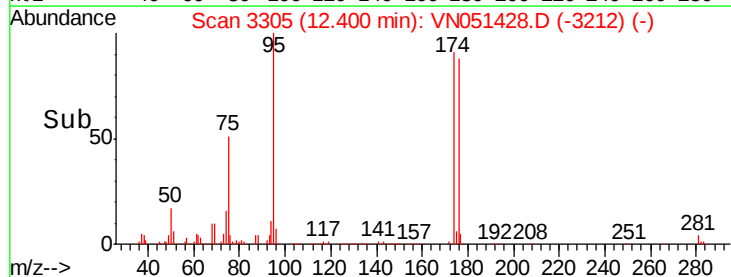
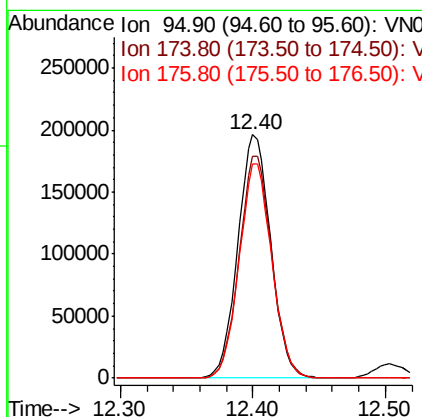
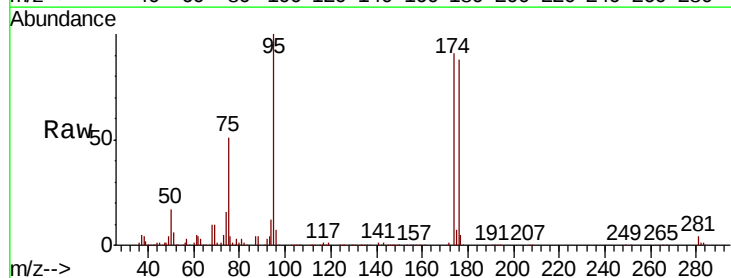
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0923WBSD02

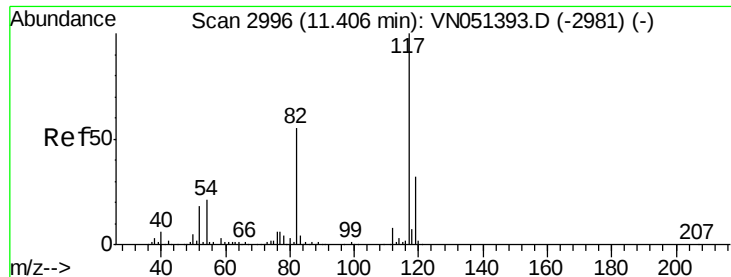
Tgt Ion: 107 Resp: 95106
 Ion Ratio Lower Upper
 107 100
 109 94.6 76.3 114.5



#62
 4-Bromofluorobenzene
 Concen: 47.777 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. -0.00 min
 Lab File: VN051428.D
 Acq: 23 Sep 2018 22:08

Tgt Ion: 95 Resp: 336770
 Ion Ratio Lower Upper
 95 100
 174 90.9 0.0 181.6
 176 87.4 0.0 176.4

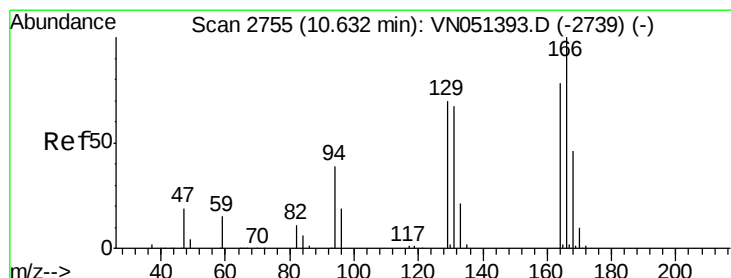
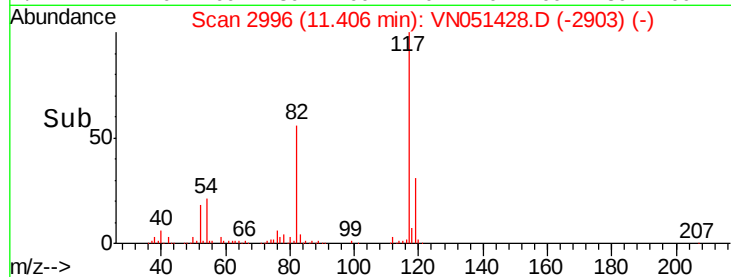
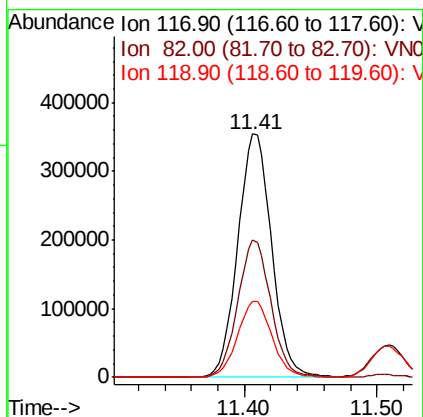
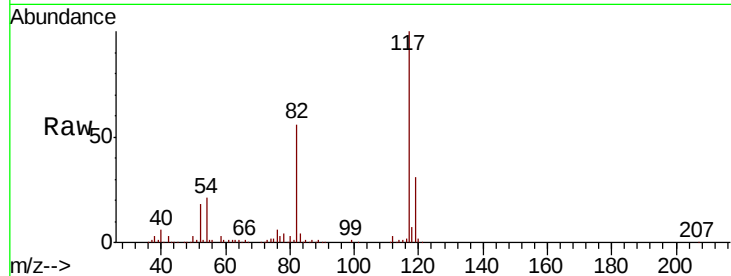




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN051428.D
Acq: 23 Sep 2018 22:08

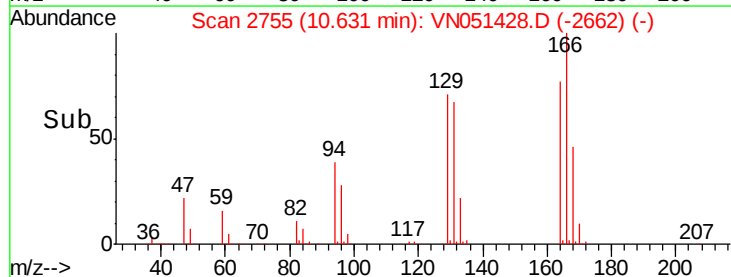
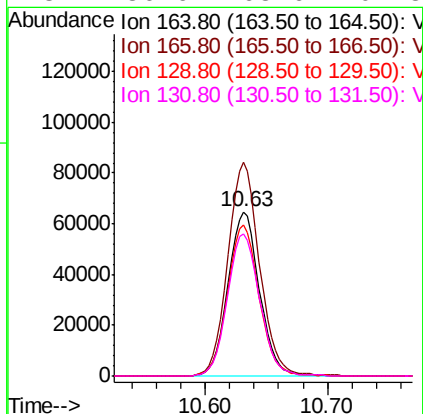
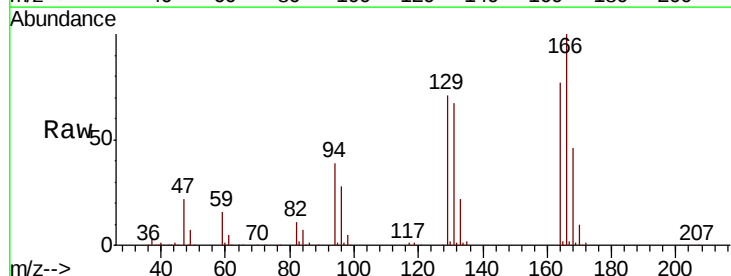
Instrument :
MSVOA_N
ClientSampleId :
VN0923WBSD02

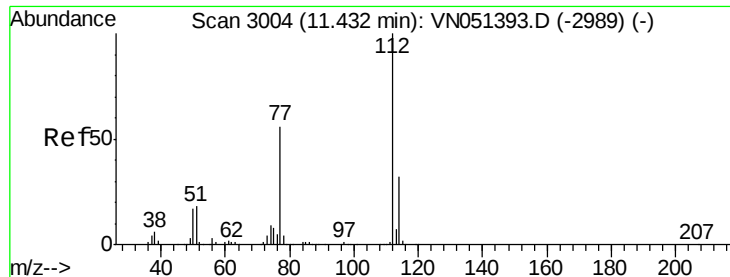
Tgt Ion:117 Resp: 627949
Ion Ratio Lower Upper
117 100
82 56.3 44.2 66.2
119 31.3 25.9 38.9



#64
Tetrachloroethene
Concen: 20.390 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. -0.00 min
Lab File: VN051428.D
Acq: 23 Sep 2018 22:08

Tgt Ion:164 Resp: 116201
Ion Ratio Lower Upper
164 100
166 130.2 102.3 153.5
129 92.0 71.8 107.8
131 86.6 68.6 102.8

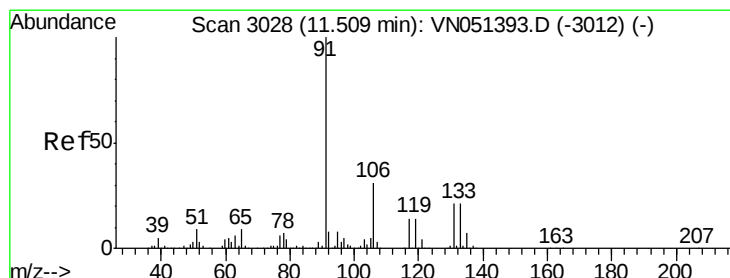
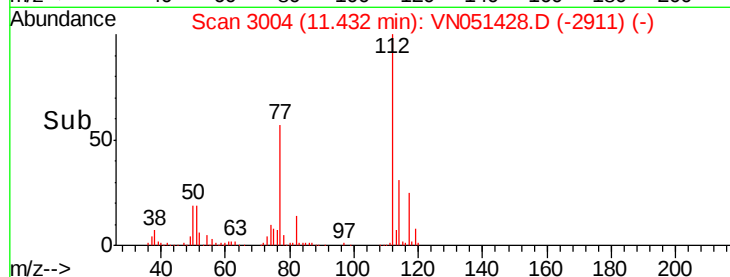
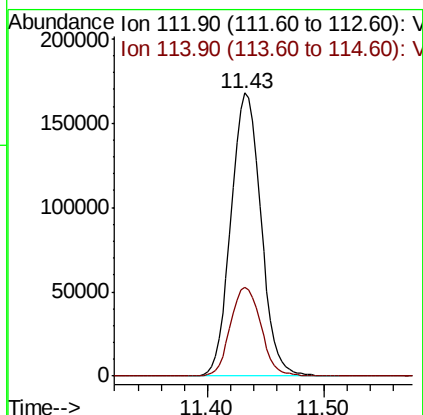
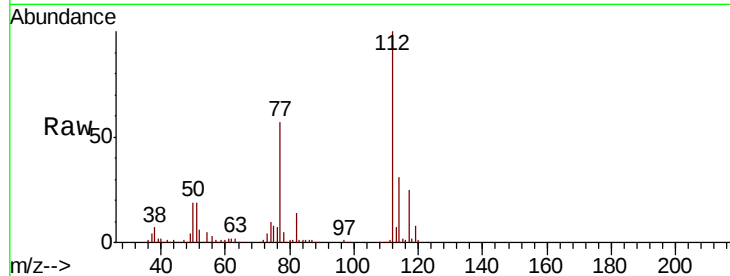




#65
Chlorobenzene
Concen: 18.715 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. -0.00 min
Lab File: VN051428.D
Acq: 23 Sep 2018 22:08

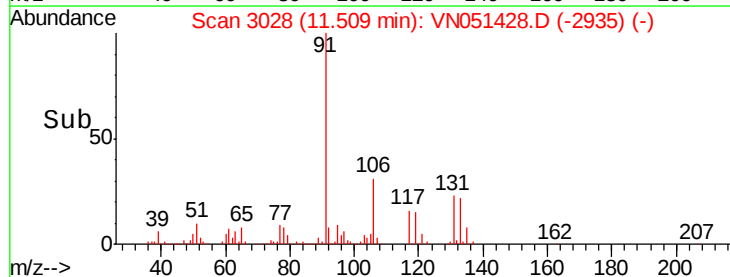
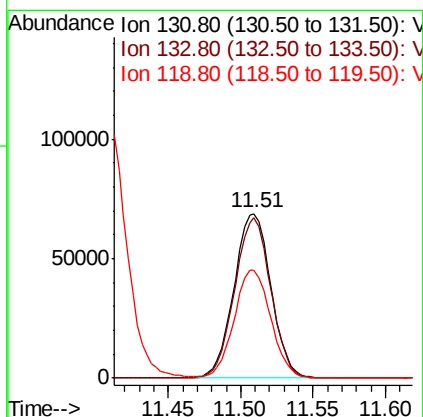
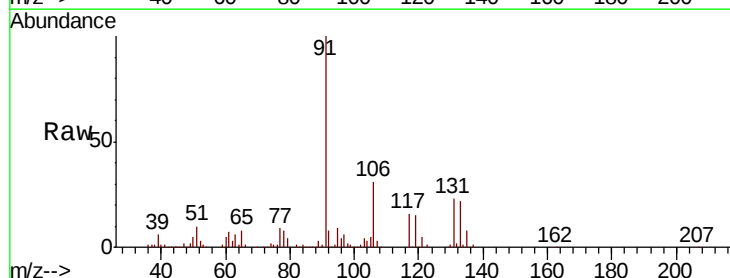
Instrument :
MSVOA_N
ClientSampleId :
VN0923WBSD02

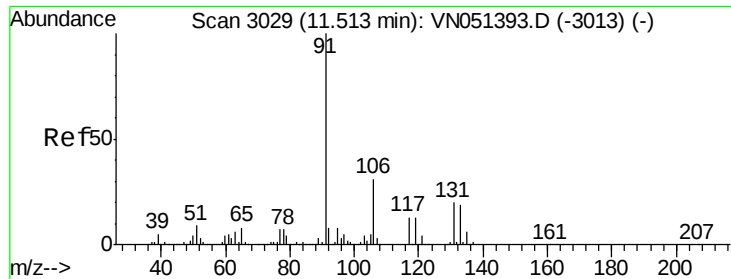
Tgt Ion:112 Resp: 301515
Ion Ratio Lower Upper
112 100
114 31.4 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 19.889 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. -0.00 min
Lab File: VN051428.D
Acq: 23 Sep 2018 22:08

Tgt Ion:131 Resp: 122080
Ion Ratio Lower Upper
131 100
133 95.5 48.3 144.8
119 65.4 32.8 98.4

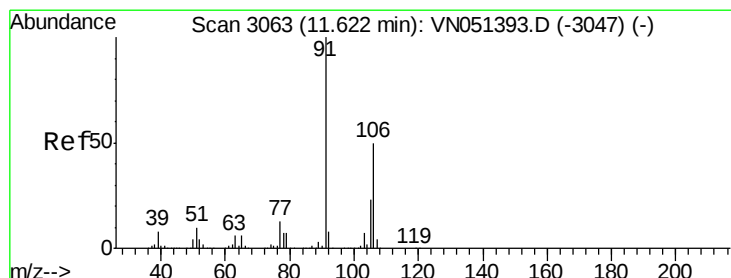
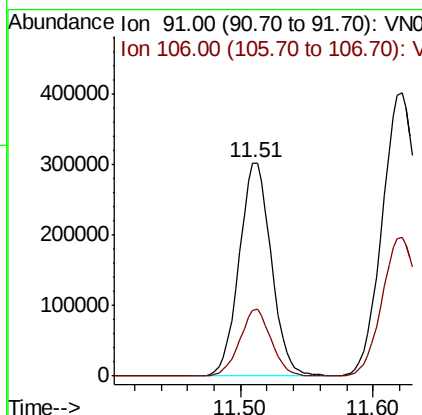
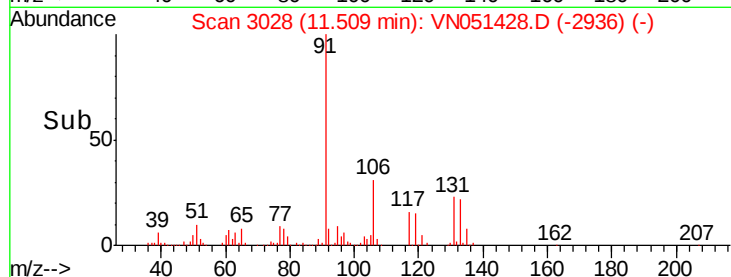
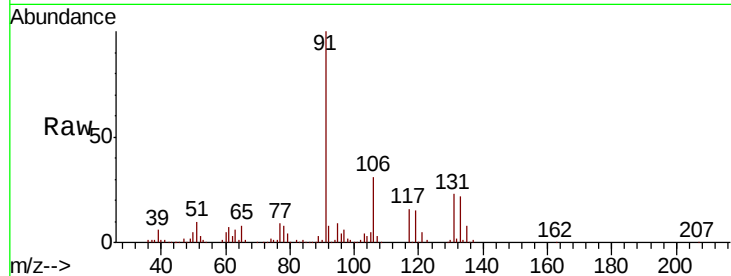




#67
Ethyl Benzene
Concen: 18.737 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. -0.00 min
Lab File: VN051428.D
Acq: 23 Sep 2018 22:08

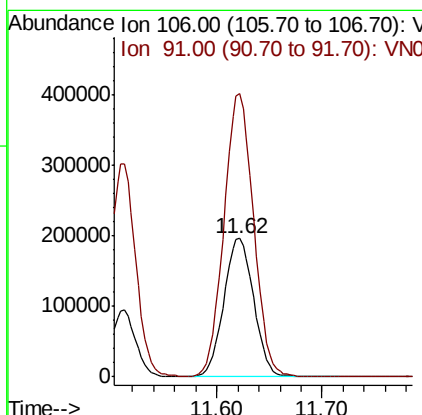
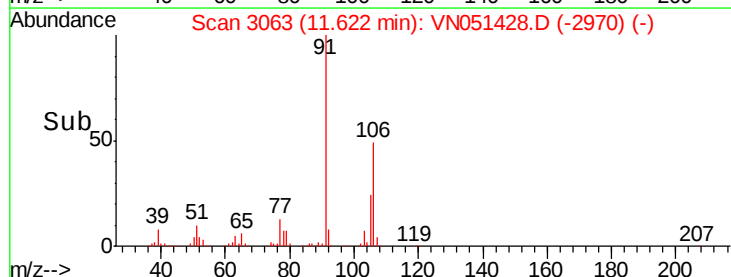
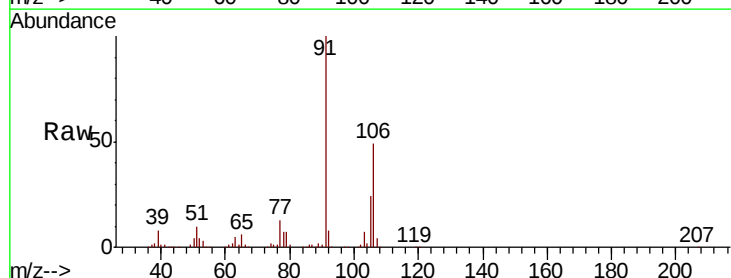
Instrument :
MSVOA_N
ClientSampled :
VN0923WBSD02

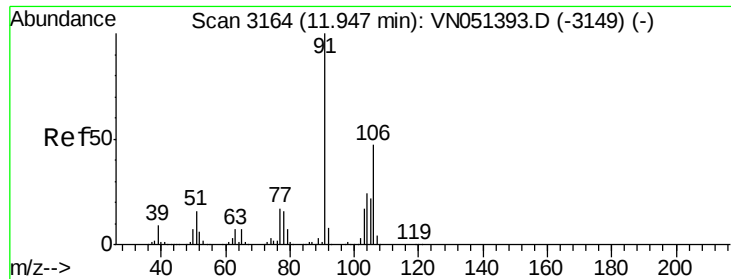
Tgt Ion: 91 Resp: 508750
Ion Ratio Lower Upper
91 100
106 31.1 25.0 37.4



#68
m/p-Xylenes
Concen: 36.664 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. -0.00 min
Lab File: VN051428.D
Acq: 23 Sep 2018 22:08

Tgt Ion: 106 Resp: 385064
Ion Ratio Lower Upper
106 100
91 202.3 161.3 241.9

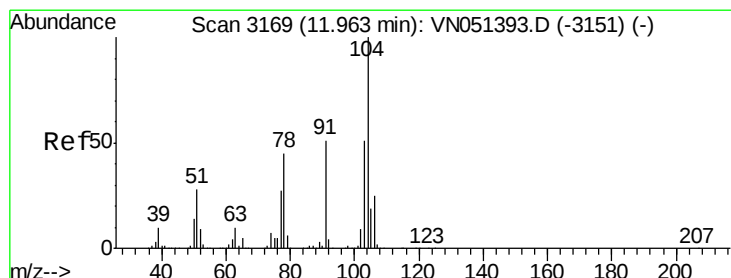
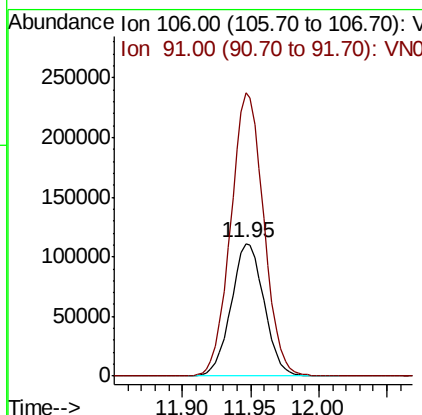
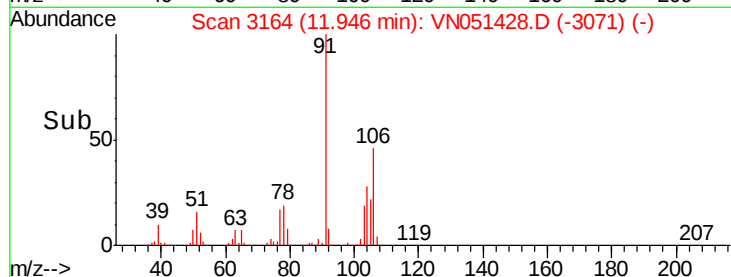
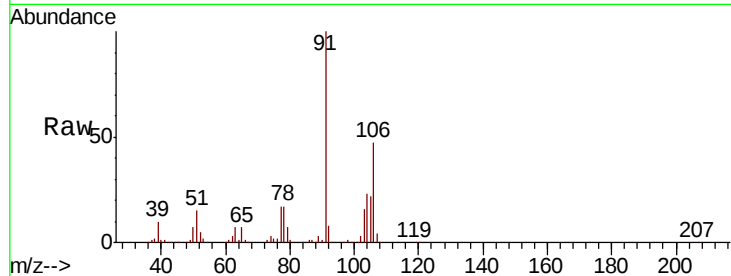




#69
o-Xylene
Concen: 18.495 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. -0.00 min
Lab File: VN051428.D
Acq: 23 Sep 2018 22:08

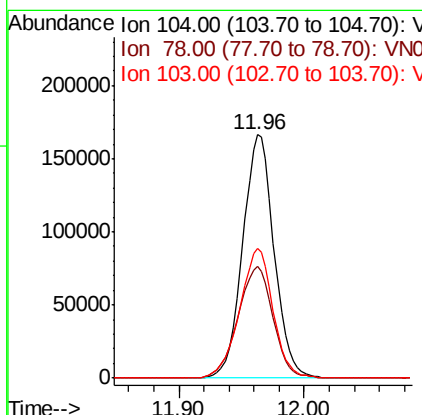
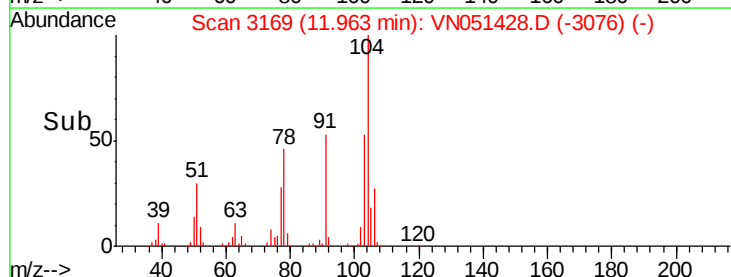
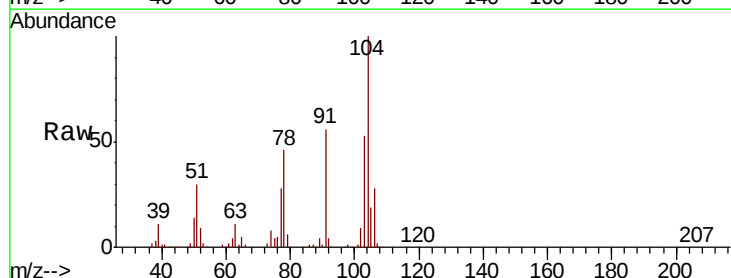
Instrument :
MSVOA_N
ClientSampled :
VN0923WBSD02

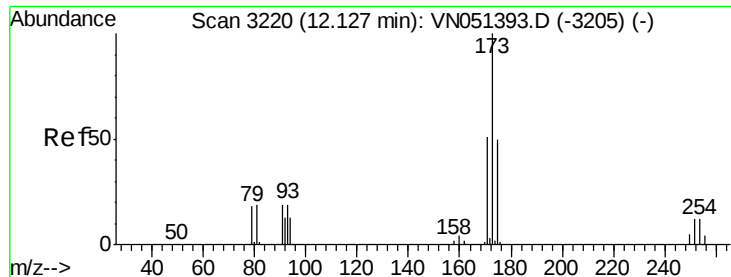
Tgt Ion:106 Resp: 186731
Ion Ratio Lower Upper
106 100
91 213.9 105.3 315.9



#70
Styrene
Concen: 18.116 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. -0.00 min
Lab File: VN051428.D
Acq: 23 Sep 2018 22:08

Tgt Ion:104 Resp: 289828
Ion Ratio Lower Upper
104 100
78 51.4 39.9 59.9
103 56.7 44.6 66.8

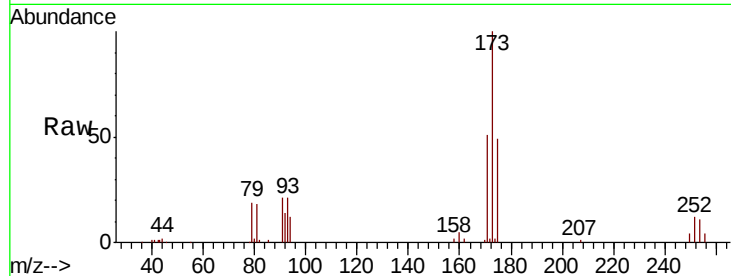




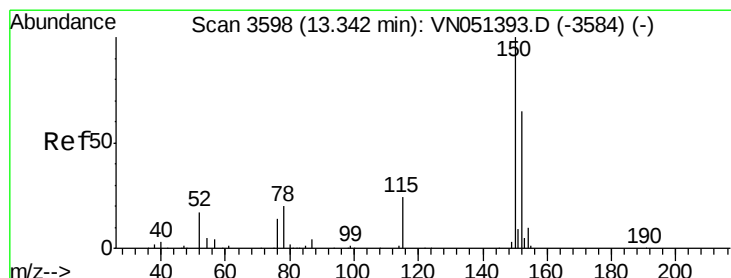
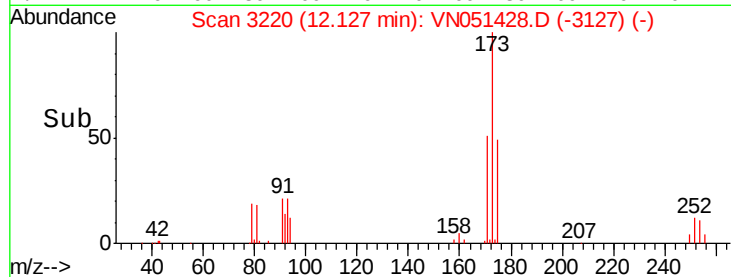
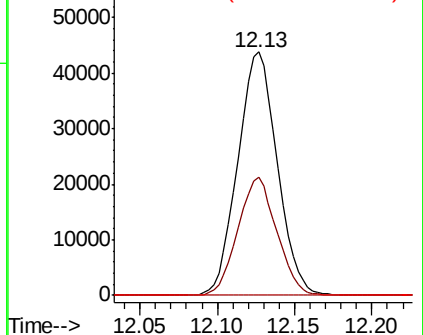
#71
 Bromoform
 Concen: 18.647 ug/l
 RT: 12.13 min Scan# 3220
 Delta R.T. -0.00 min
 Lab File: VN051428.D
 Acq: 23 Sep 2018 22:08

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0923WBSD02

Tgt Ion:173 Resp: 77667
 Ion Ratio Lower Upper
 173 100
 175 47.6 24.8 74.3
 254 0.0 0.2 0.2#

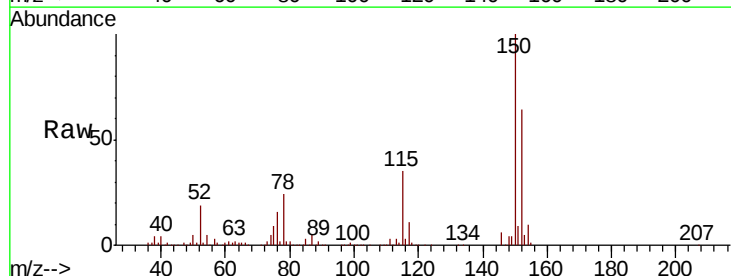


Abundance Ion 172.70 (172.40 to 173.40): V
 Ion 174.70 (174.40 to 175.40): V
 Ion 254.40 (254.10 to 255.10): V

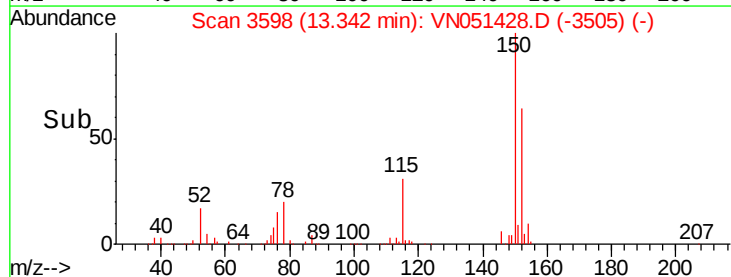
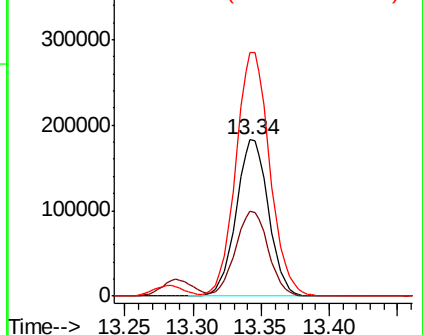


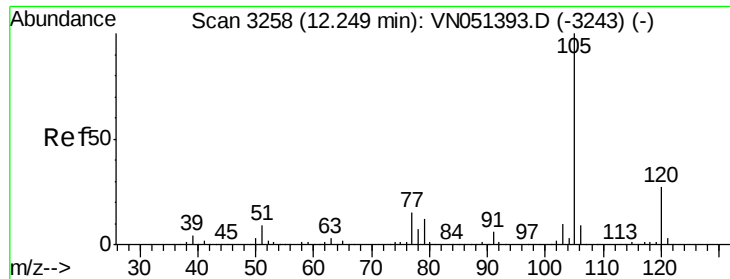
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.34 min Scan# 3598
 Delta R.T. -0.00 min
 Lab File: VN051428.D
 Acq: 23 Sep 2018 22:08

Tgt Ion:152 Resp: 300249
 Ion Ratio Lower Upper
 152 100
 115 55.4 28.3 84.9
 150 163.2 0.0 353.6



Abundance Ion 151.90 (151.60 to 152.60): V
 Ion 114.90 (114.60 to 115.60): V
 Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.304 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. -0.00 min

Lab File: VN051428.D

Acq: 23 Sep 2018 22:08

Instrument :

MSVOA_N

ClientSampleId :

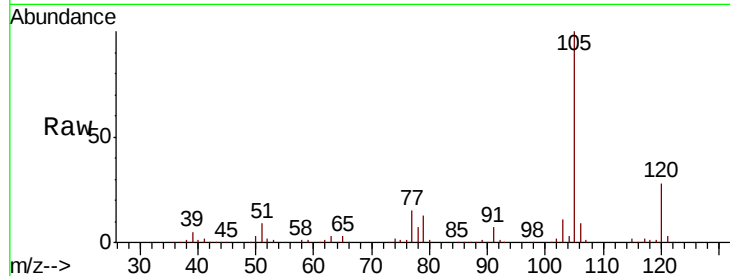
VN0923WBSD02

Tgt Ion:105 Resp: 489033

Ion Ratio Lower Upper

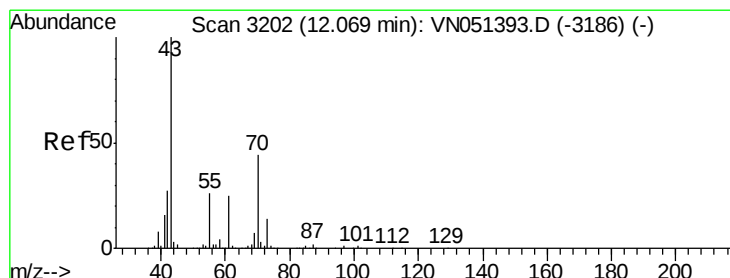
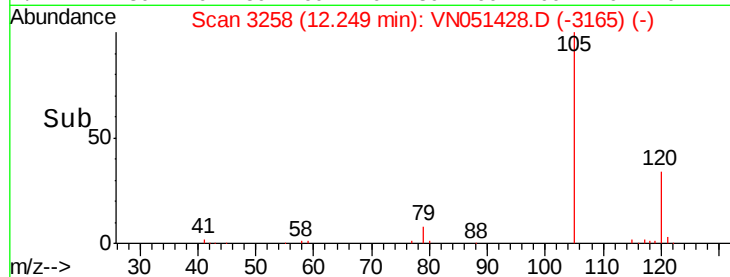
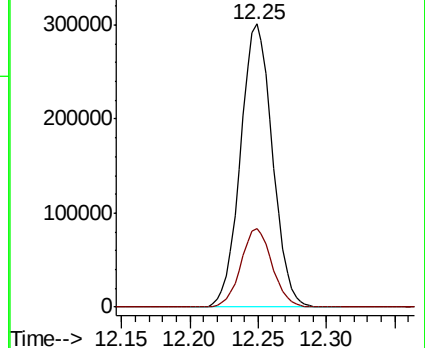
105 100

120 27.1 13.3 39.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 18.397 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. -0.00 min

Lab File: VN051428.D

Acq: 23 Sep 2018 22:08

Tgt Ion: 43 Resp: 116932

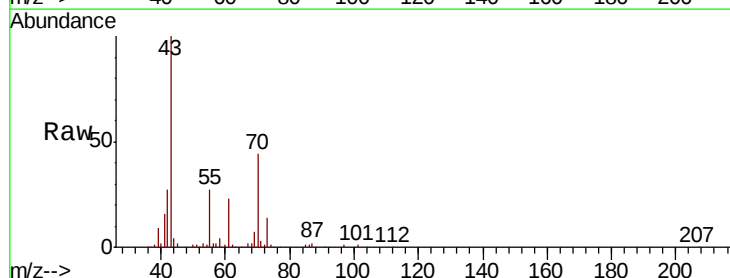
Ion Ratio Lower Upper

43 100

70 43.3 35.0 52.4

55 27.8 21.4 32.2

61 24.0 19.8 29.6

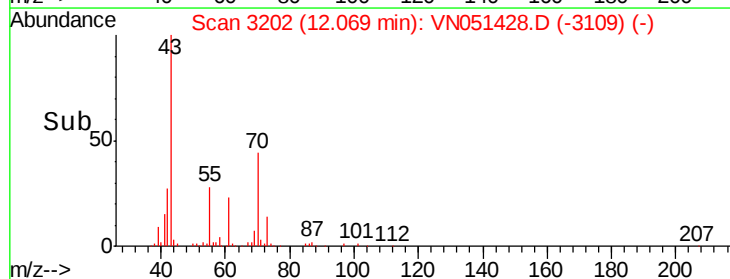
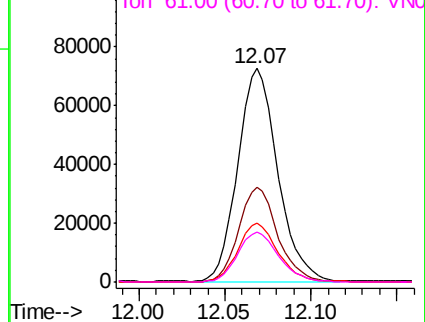


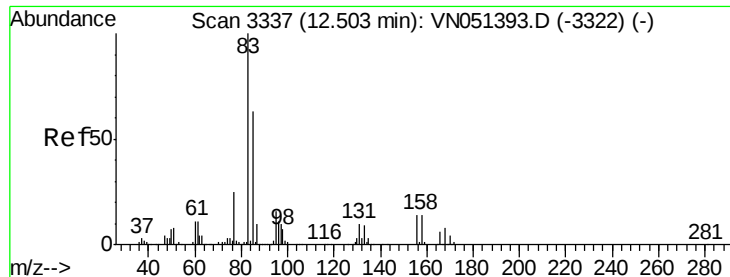
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 20.025 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. -0.00 min

Lab File: VN051428.D

Acq: 23 Sep 2018 22:08

Instrument :

MSVOA_N

ClientSampleId :

VN0923WBSD02

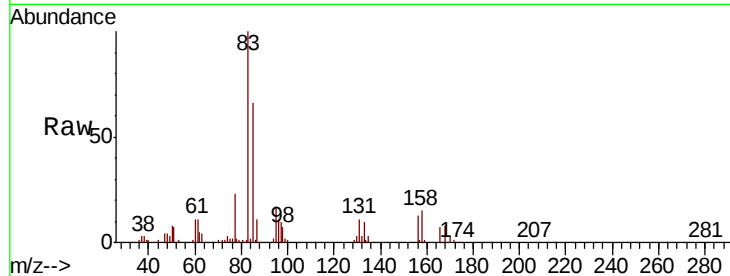
Tgt Ion: 83 Resp: 118296

Ion Ratio Lower Upper

83 100

131 11.3 5.3 15.9

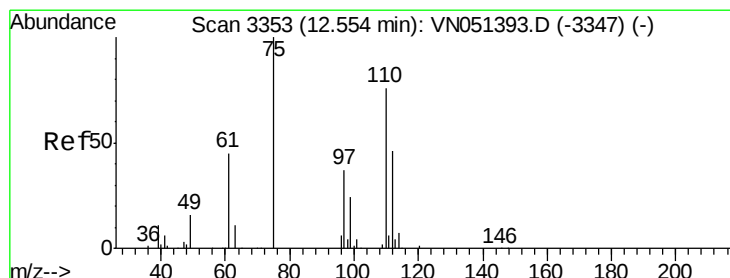
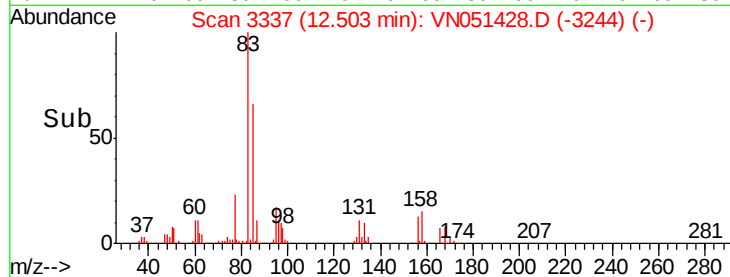
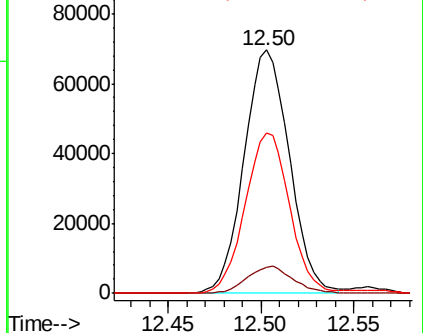
85 64.8 31.6 95.0



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 27.327 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. -0.00 min

Lab File: VN051428.D

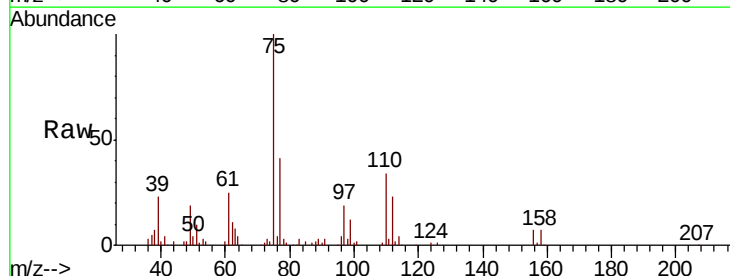
Acq: 23 Sep 2018 22:08

Tgt Ion: 75 Resp: 136208

Ion Ratio Lower Upper

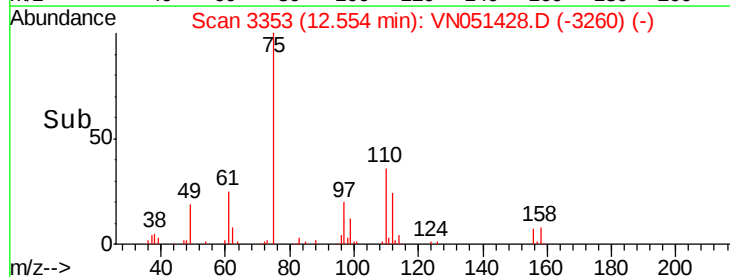
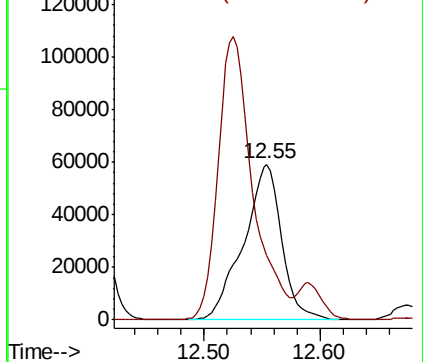
75 100

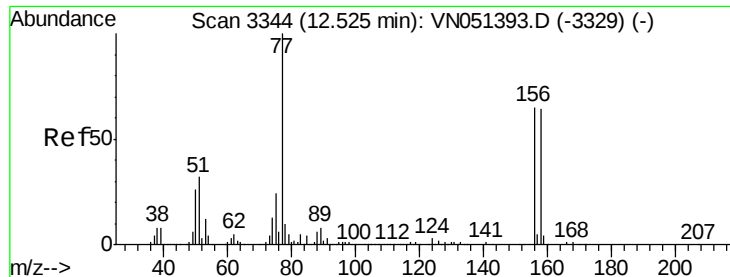
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 19.340 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. -0.00 min

Lab File: VN051428.D

Acq: 23 Sep 2018 22:08

Instrument :

MSVOA_N

ClientSampleId :

VN0923WBSD02

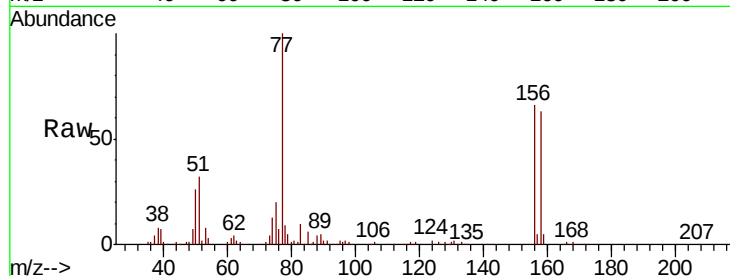
Tgt Ion:156 Resp: 124026

Ion Ratio Lower Upper

156 100

77 180.6 89.5 268.4

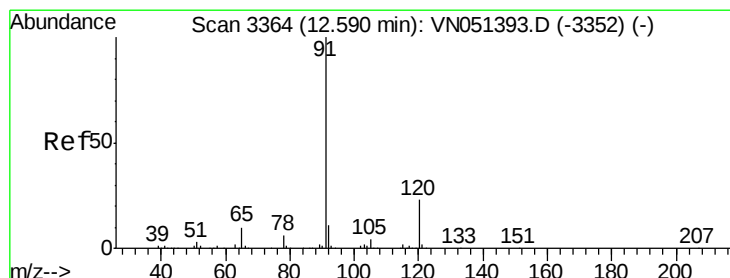
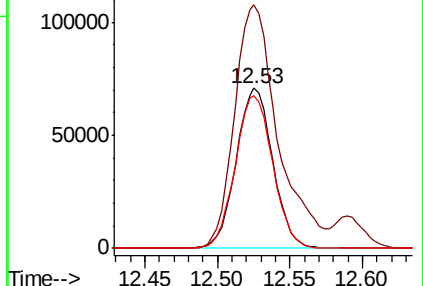
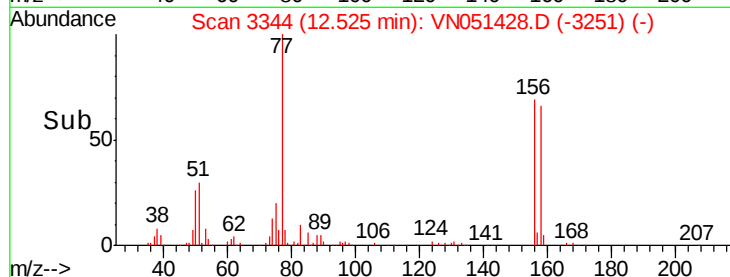
158 97.6 49.4 148.2



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.145 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. -0.00 min

Lab File: VN051428.D

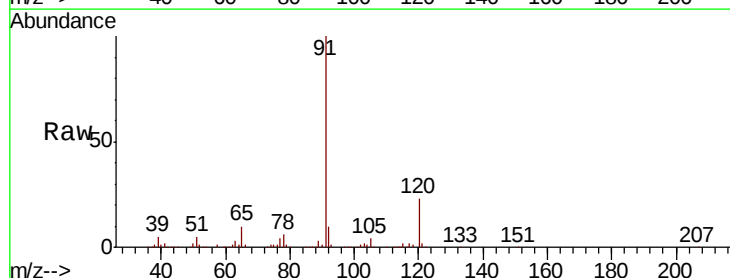
Acq: 23 Sep 2018 22:08

Tgt Ion: 91 Resp: 546602

Ion Ratio Lower Upper

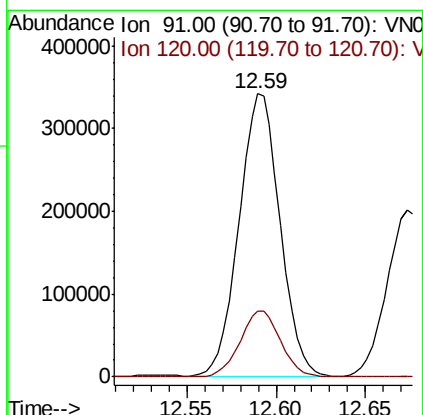
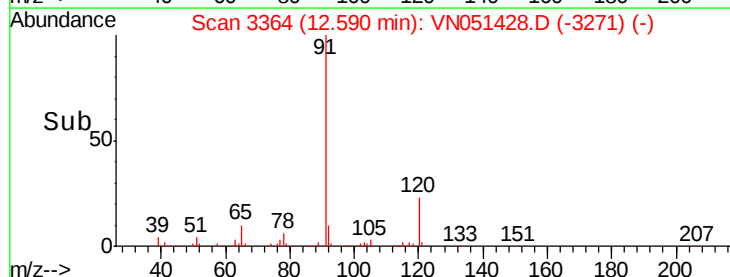
91 100

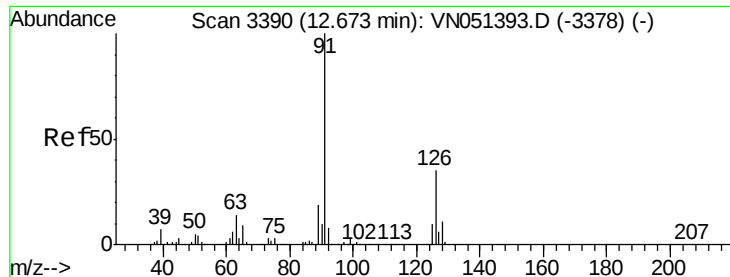
120 23.1 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.775 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. -0.00 min

Lab File: VN051428.D

Acq: 23 Sep 2018 22:08

Instrument :

MSVOA_N

ClientSampleId :

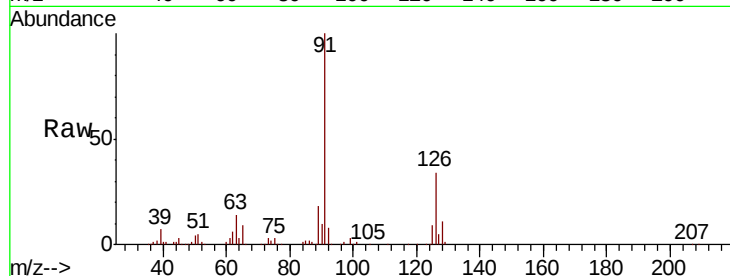
VN0923WBSD02

Tgt Ion: 91 Resp: 337966

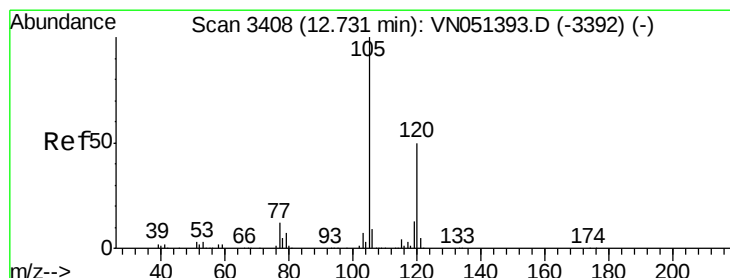
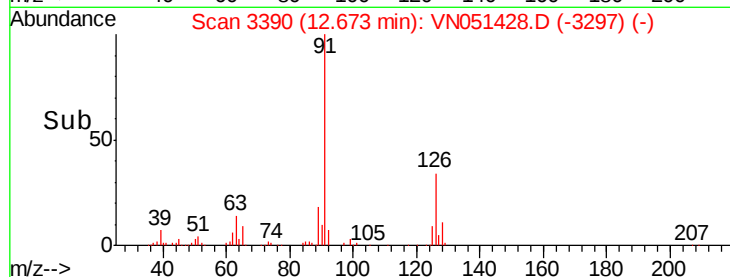
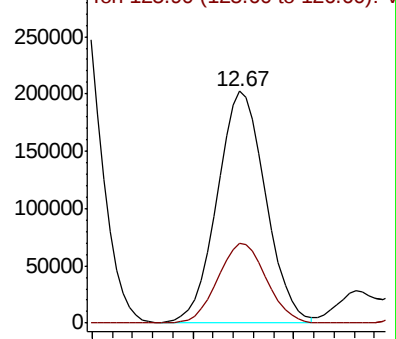
Ion Ratio Lower Upper

91 100

126 34.8 17.6 52.8



Abundance Ion 91.00 (90.70 to 91.70): VN051393.D (-3378) (-)



#80

1,3,5-Trimethylbenzene

Concen: 19.564 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. -0.00 min

Lab File: VN051428.D

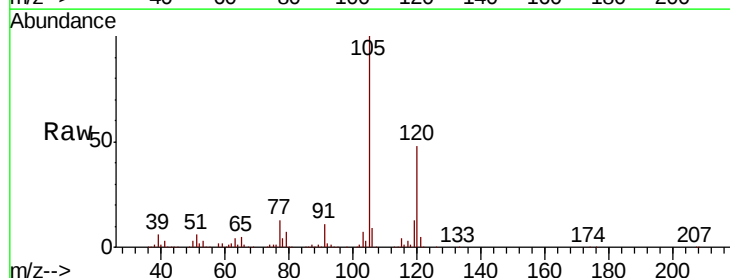
Acq: 23 Sep 2018 22:08

Tgt Ion: 105 Resp: 404130

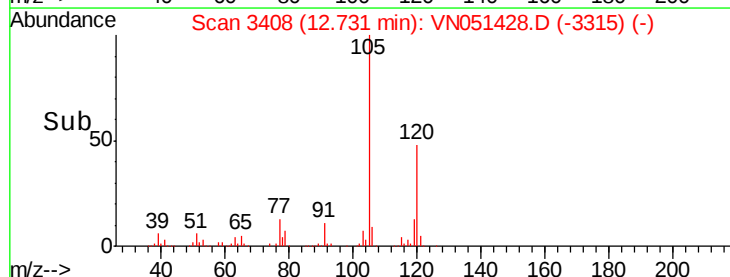
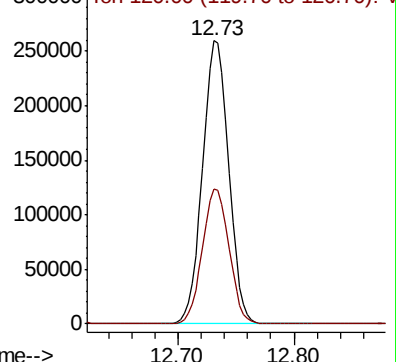
Ion Ratio Lower Upper

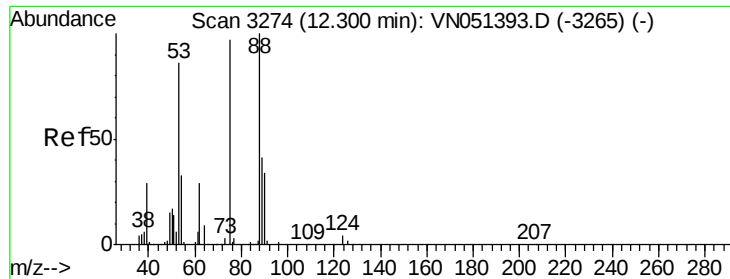
105 100

120 48.8 24.8 74.4



Abundance Ion 105.00 (104.70 to 105.70): VN051393.D (-3392) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 14.107 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. -0.00 min

Lab File: VN051428.D

Acq: 23 Sep 2018 22:08

Instrument :

MSVOA_N

ClientSampleId :

VN0923WBSD02

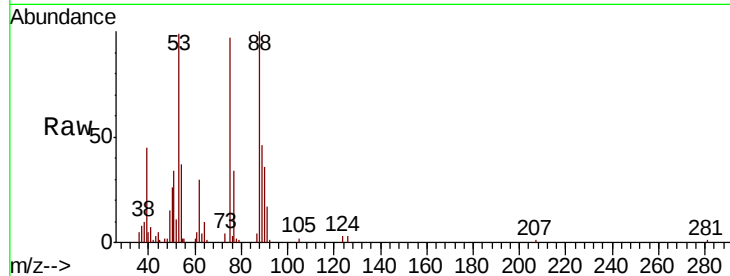
Tgt Ion: 75 Resp: 22867

Ion Ratio Lower Upper

75 100

53 97.8 73.9 110.9

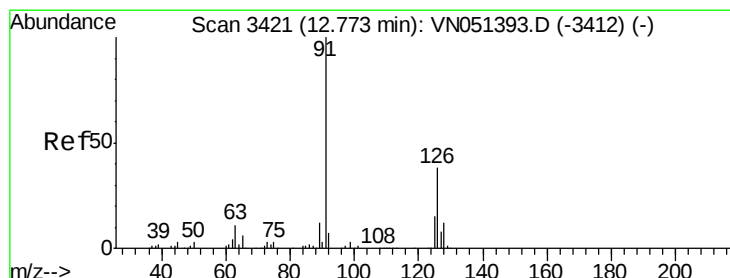
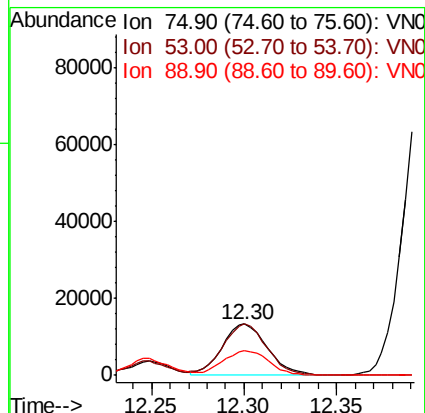
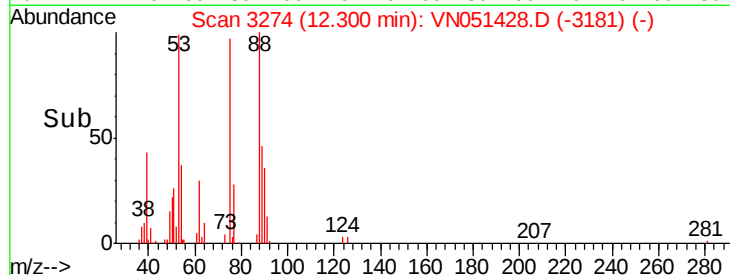
89 47.4 36.7 55.1



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 19.115 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. -0.00 min

Lab File: VN051428.D

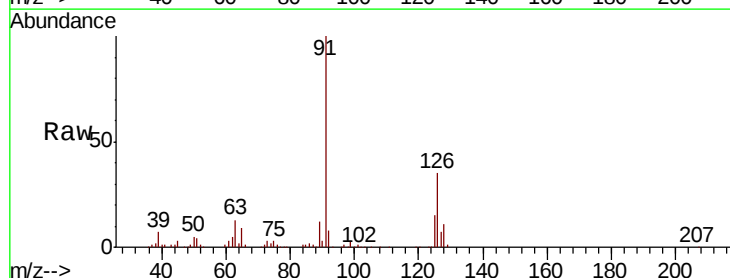
Acq: 23 Sep 2018 22:08

Tgt Ion: 91 Resp: 326059

Ion Ratio Lower Upper

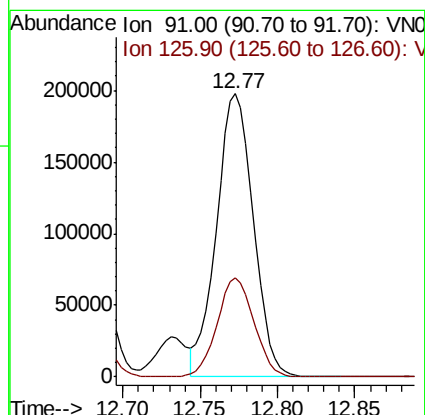
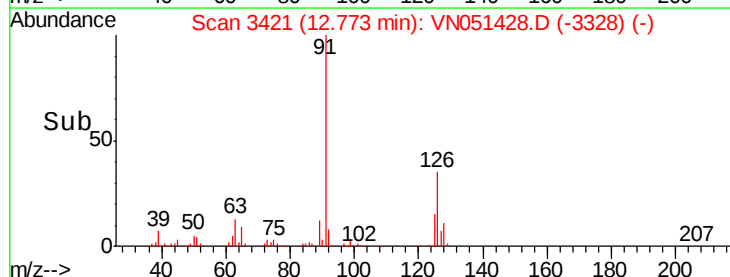
91 100

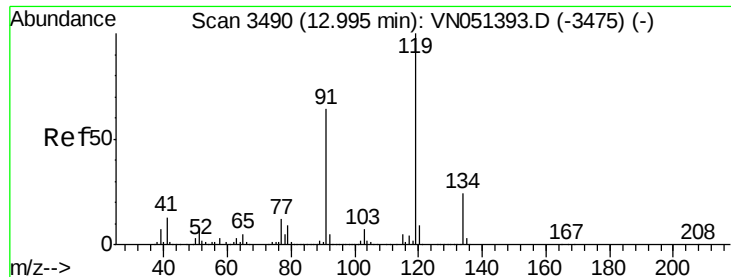
126 35.1 17.5 52.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

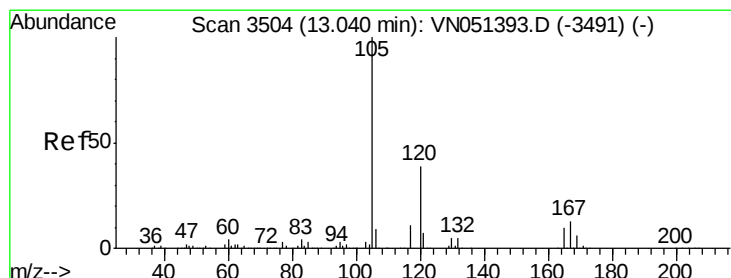
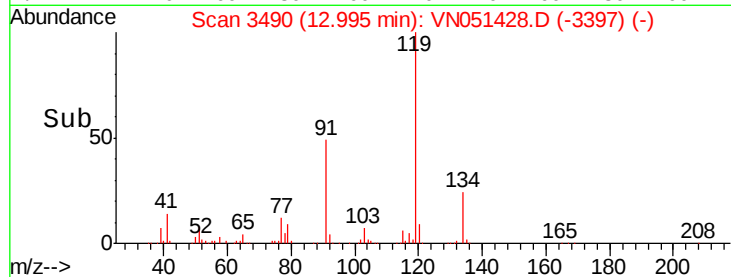
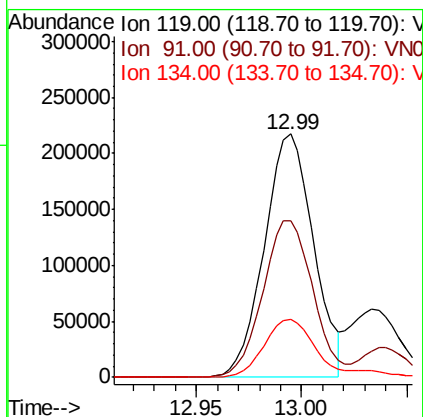
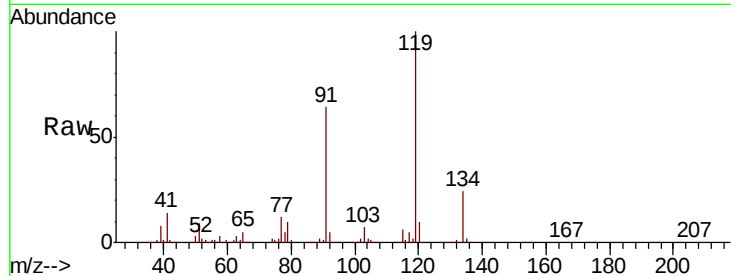




#83
 tert-Butylbenzene
 Concen: 19.241 ug/l
 RT: 12.99 min Scan# 3490
 Delta R.T. -0.00 min
 Lab File: VN051428.D
 Acq: 23 Sep 2018 22:08

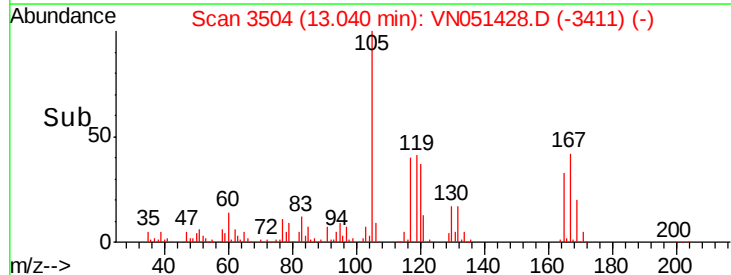
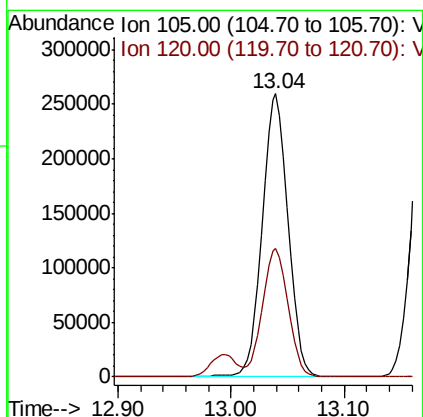
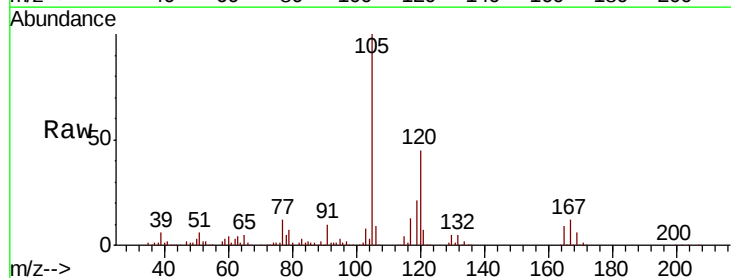
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0923WBSD02

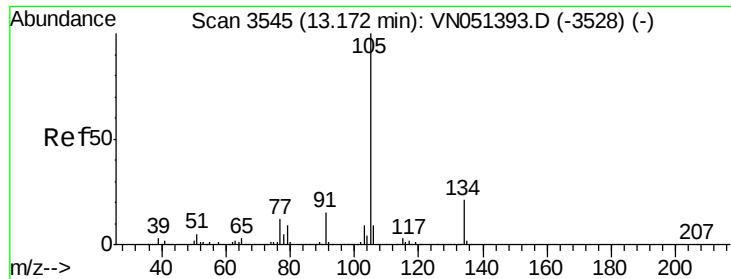
Tgt Ion:119 Resp: 353763
 Ion Ratio Lower Upper
 119 100
 91 65.2 31.7 95.1
 134 24.5 12.3 36.9



#84
 1,2,4-Trimethylbenzene
 Concen: 19.756 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. -0.00 min
 Lab File: VN051428.D
 Acq: 23 Sep 2018 22:08

Tgt Ion:105 Resp: 411218
 Ion Ratio Lower Upper
 105 100
 120 45.2 22.9 68.7

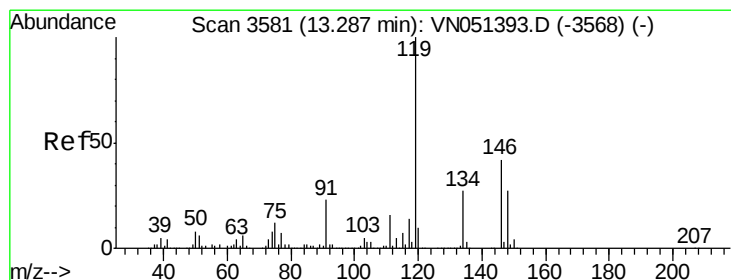
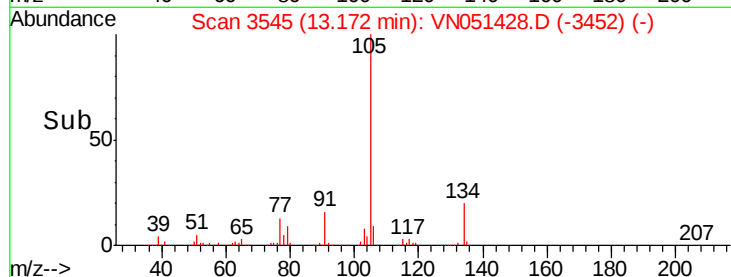
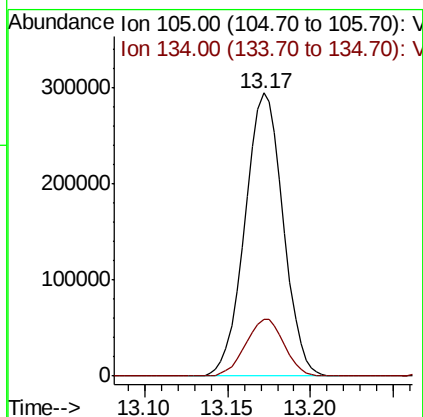
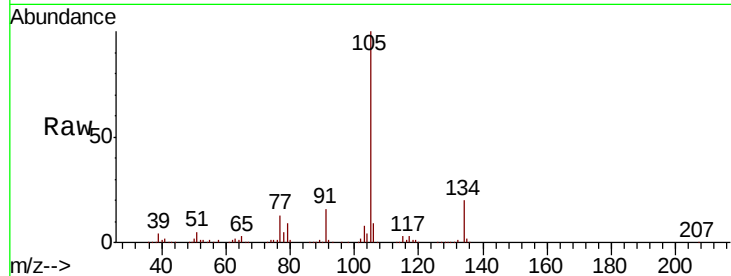




#85
 sec-Butylbenzene
 Concen: 18.940 ug/l
 RT: 13.17 min Scan# 3545
 Delta R.T. -0.00 min
 Lab File: VN051428.D
 Acq: 23 Sep 2018 22:08

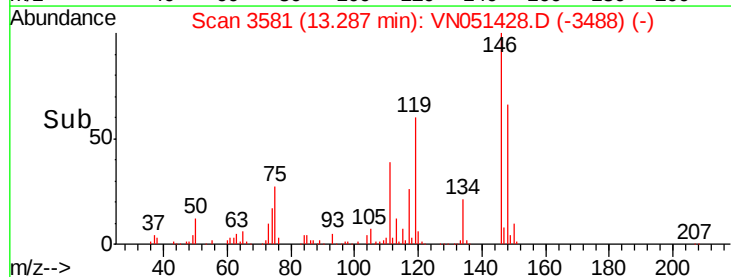
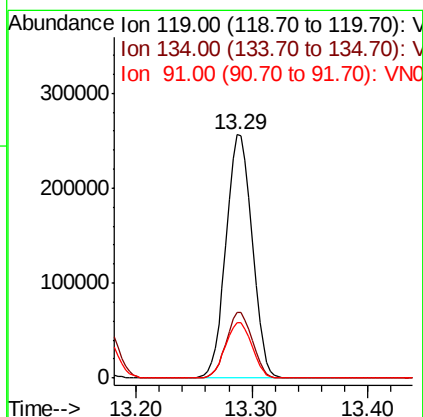
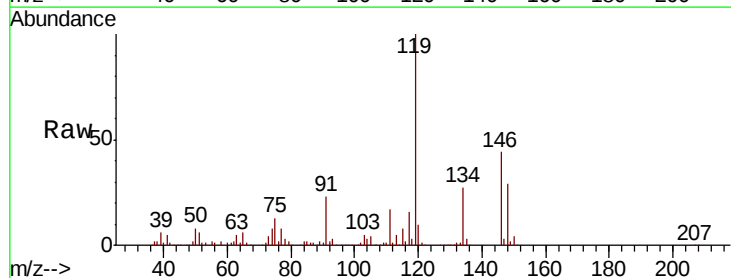
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0923WBSD02

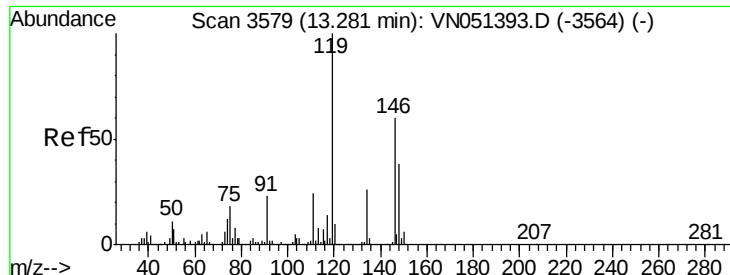
Tgt Ion:105 Resp: 471105
 Ion Ratio Lower Upper
 105 100
 134 20.4 10.4 31.1



#86
 p-Isopropyltoluene
 Concen: 18.534 ug/l
 RT: 13.29 min Scan# 3581
 Delta R.T. -0.00 min
 Lab File: VN051428.D
 Acq: 23 Sep 2018 22:08

Tgt Ion:119 Resp: 398906
 Ion Ratio Lower Upper
 119 100
 134 26.7 13.3 39.9
 91 23.3 11.4 34.2





#87

1,3-Dichlorobenzene

Concen: 18.720 ug/l

RT: 13.28 min Scan# 3579

Delta R.T. -0.00 min

Lab File: VN051428.D

Acq: 23 Sep 2018 22:08

Instrument :

MSVOA_N

ClientSampleId :

VN0923WBSD02

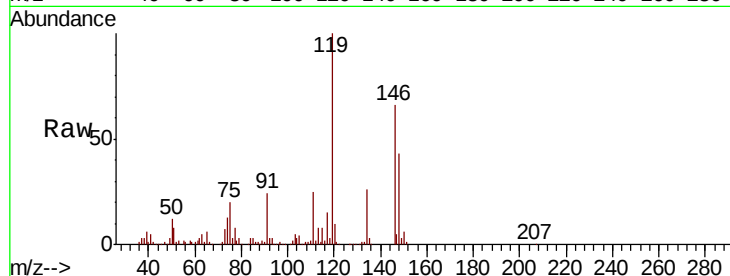
Tgt Ion:146 Resp: 207750

Ion Ratio Lower Upper

146 100

111 39.1 19.7 59.1

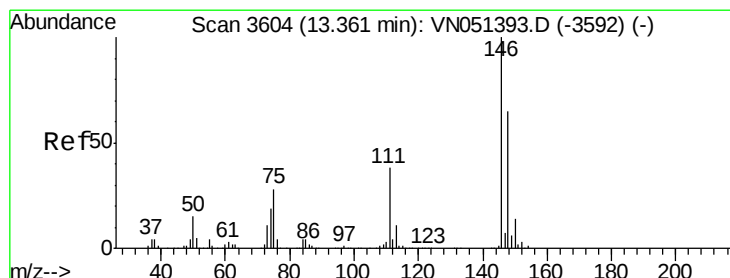
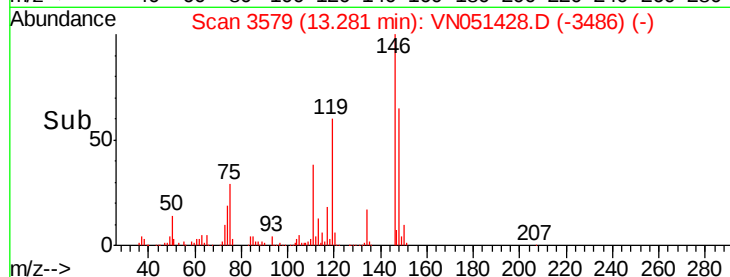
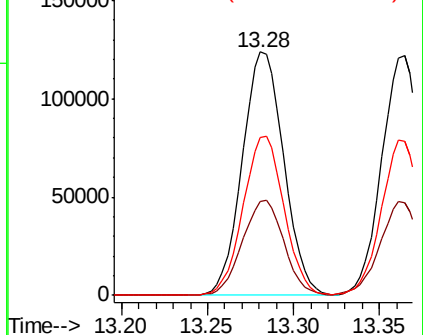
148 64.4 31.9 95.7



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 18.701 ug/l

RT: 13.36 min Scan# 3605

Delta R.T. 0.00 min

Lab File: VN051428.D

Acq: 23 Sep 2018 22:08

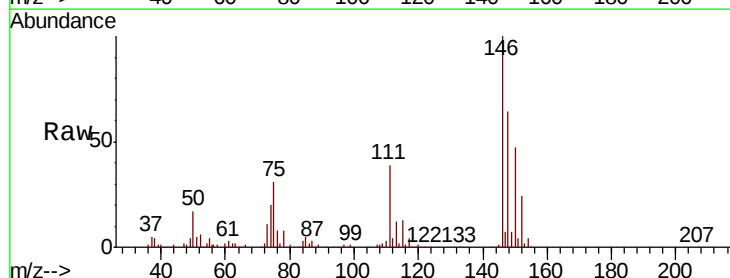
Tgt Ion:146 Resp: 199697

Ion Ratio Lower Upper

146 100

111 39.8 19.1 57.1

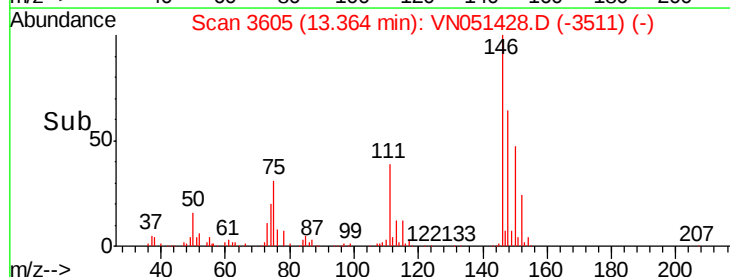
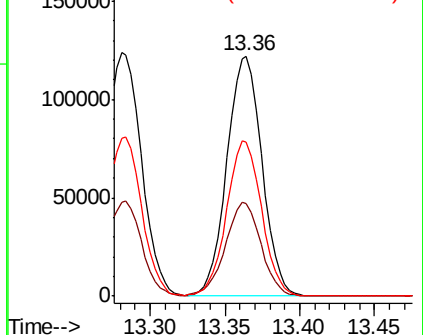
148 64.6 32.5 97.5

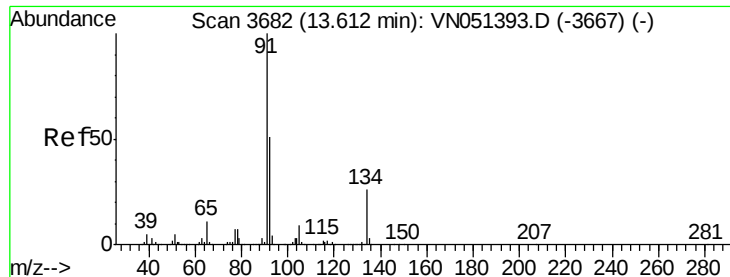


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 16.757 ug/l

RT: 13.62 min Scan# 3683

Delta R.T. 0.00 min

Lab File: VN051428.D

Acq: 23 Sep 2018 22:08

Instrument :

MSVOA_N

ClientSampleId :

VN0923WBSD02

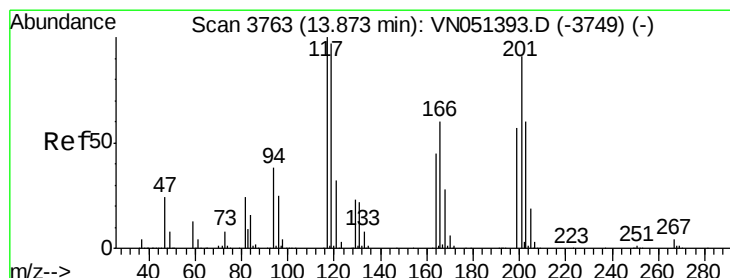
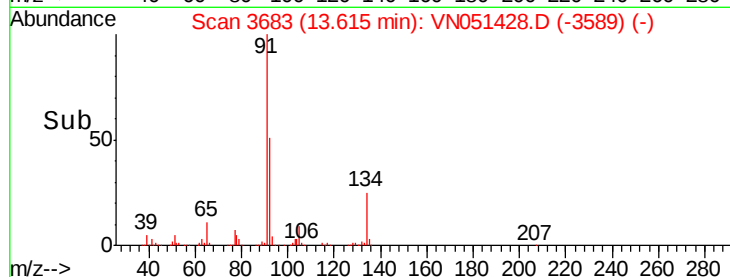
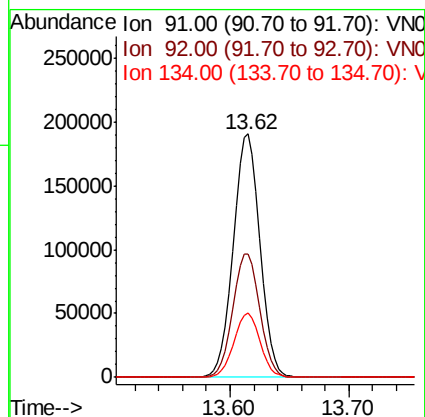
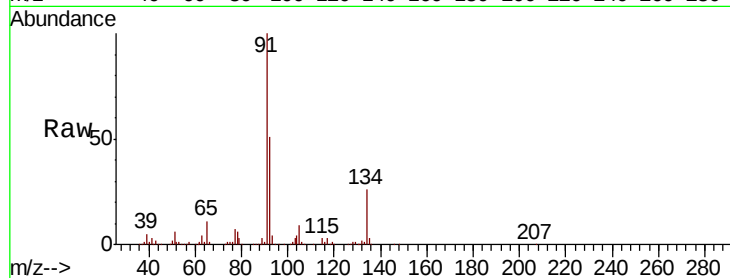
Tgt Ion: 91 Resp: 296573

Ion Ratio Lower Upper

91 100

92 51.1 25.5 76.5

134 25.8 13.3 39.8



#90

Hexachloroethane

Concen: 19.070 ug/l

RT: 13.87 min Scan# 3763

Delta R.T. -0.00 min

Lab File: VN051428.D

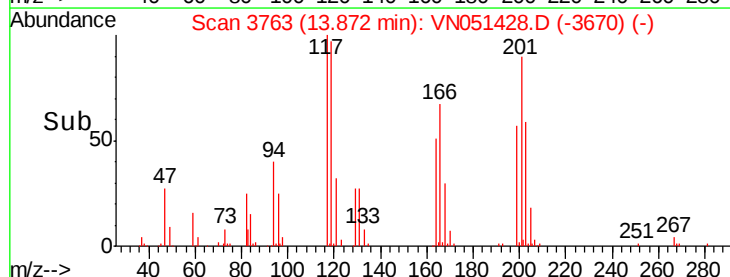
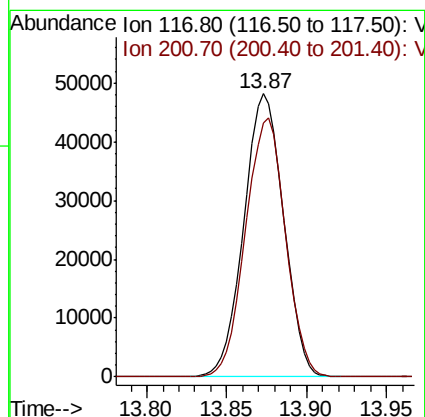
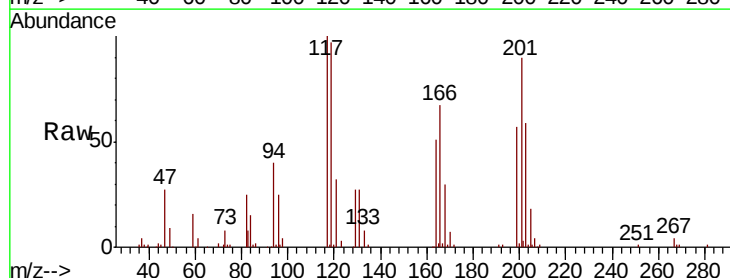
Acq: 23 Sep 2018 22:08

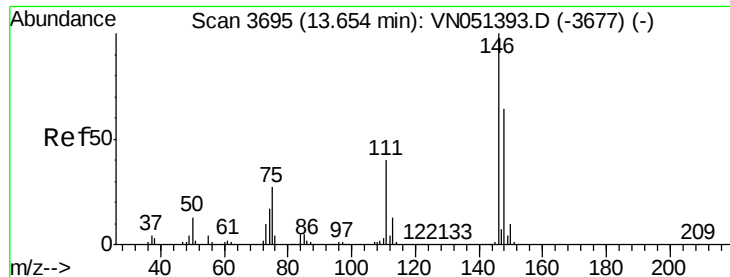
Tgt Ion: 117 Resp: 81778

Ion Ratio Lower Upper

117 100

201 91.6 45.5 136.4

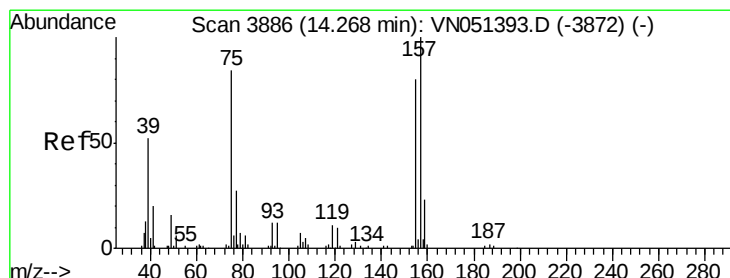
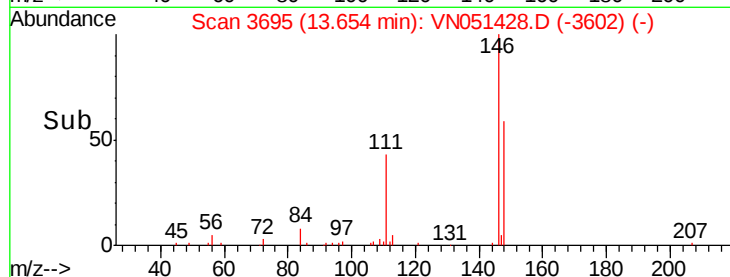
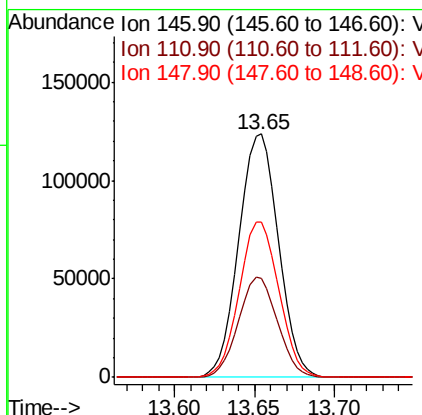
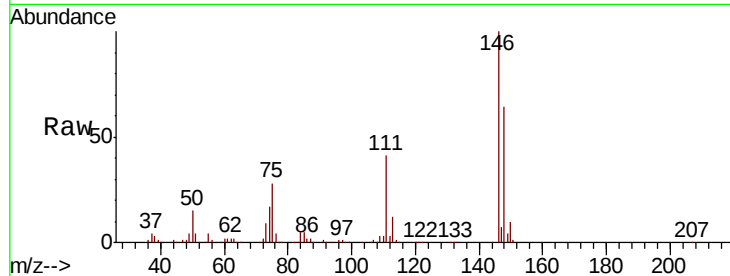




#91
 1,2-Dichlorobenzene
 Concen: 19.429 ug/l
 RT: 13.65 min Scan# 3695
 Delta R.T. -0.00 min
 Lab File: VN051428.D
 Acq: 23 Sep 2018 22:08

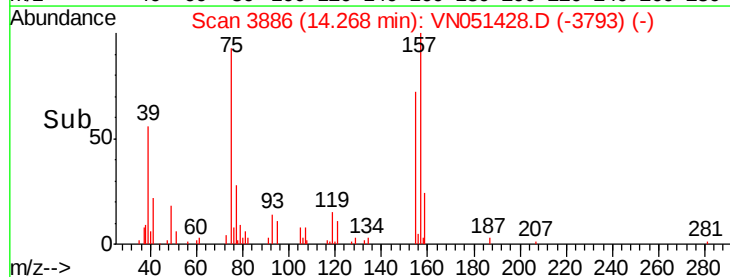
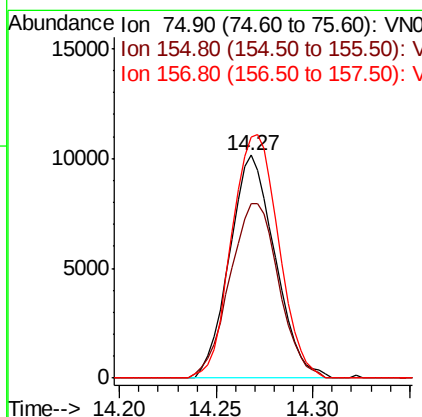
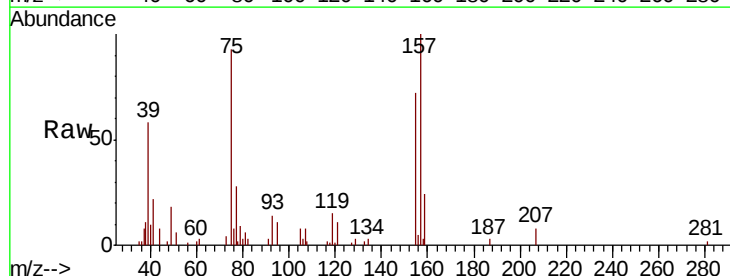
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0923WBSD02

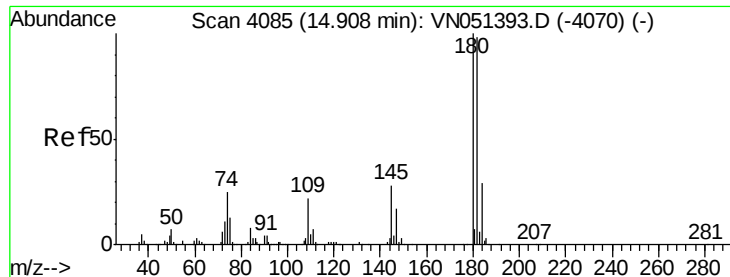
Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.3	20.0	60.0
148	63.8	32.1	96.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.673 ug/l
 RT: 14.27 min Scan# 3886
 Delta R.T. -0.00 min
 Lab File: VN051428.D
 Acq: 23 Sep 2018 22:08

Tgt Ion	Ratio	Lower	Upper
75	100		
155	84.5	46.9	140.6
157	113.1	58.4	175.1

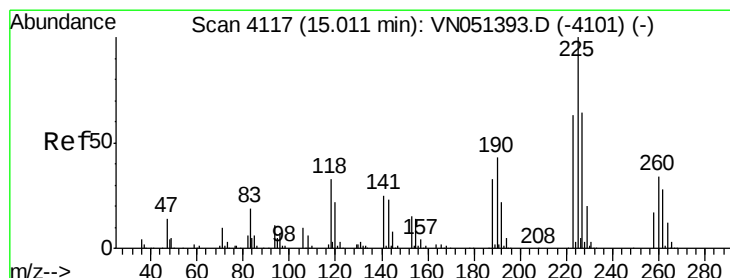
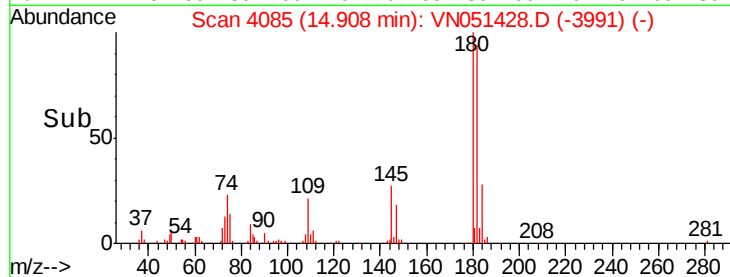
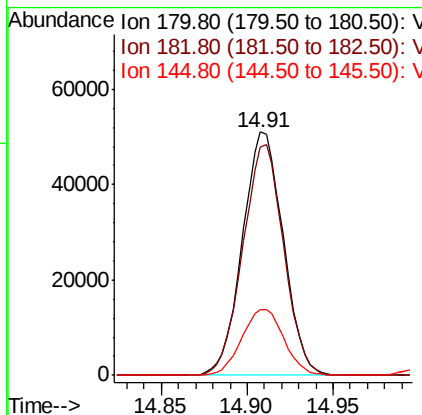
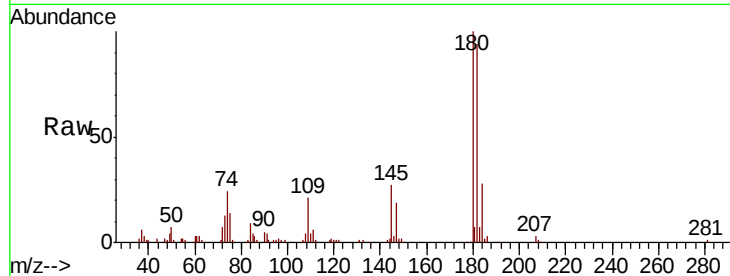




#93
 1,2,4-Trichlorobenzene
 Concen: 18.722 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN051428.D
 Acq: 23 Sep 2018 22:08

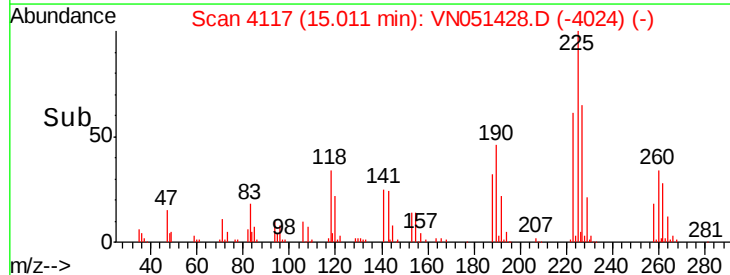
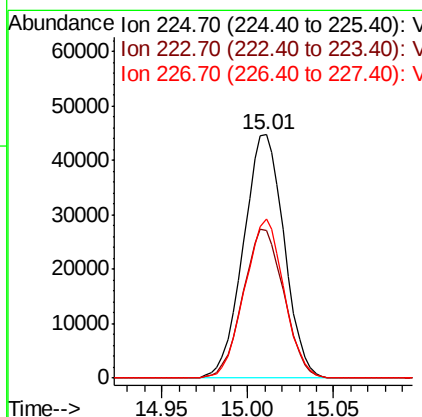
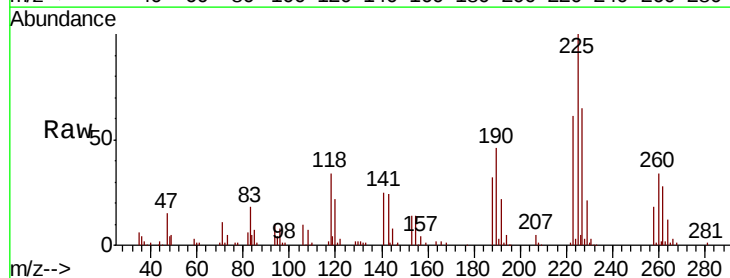
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0923WBSD02

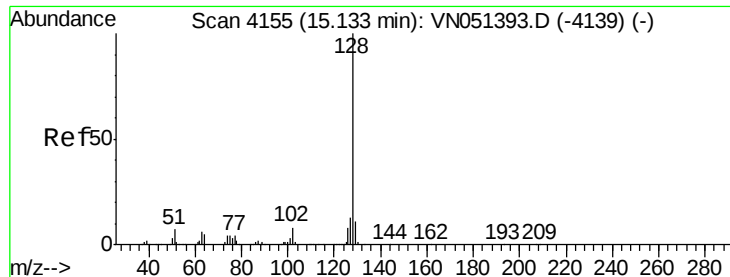
Tgt Ion:180 Resp: 84009
 Ion Ratio Lower Upper
 180 100
 182 94.7 48.5 145.6
 145 27.9 14.1 42.4



#94
 Hexachlorobutadiene
 Concen: 18.078 ug/l
 RT: 15.01 min Scan# 4117
 Delta R.T. -0.00 min
 Lab File: VN051428.D
 Acq: 23 Sep 2018 22:08

Tgt Ion:225 Resp: 73654
 Ion Ratio Lower Upper
 225 100
 223 61.3 31.9 95.9
 227 62.9 32.5 97.5

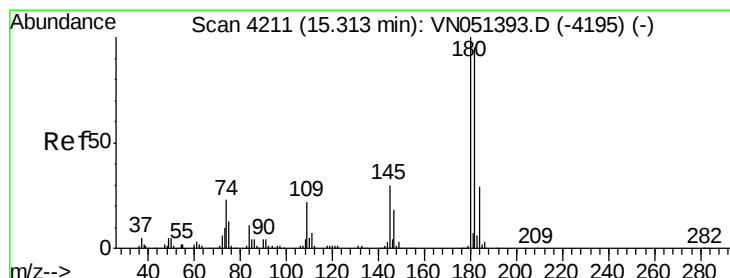
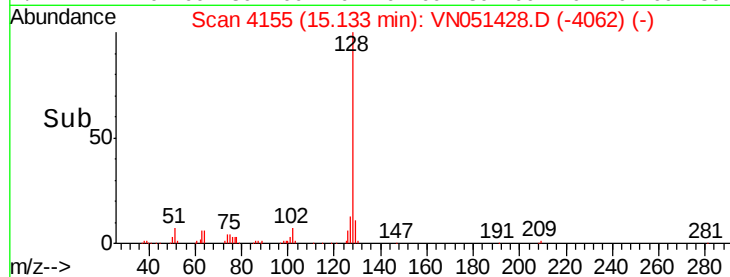
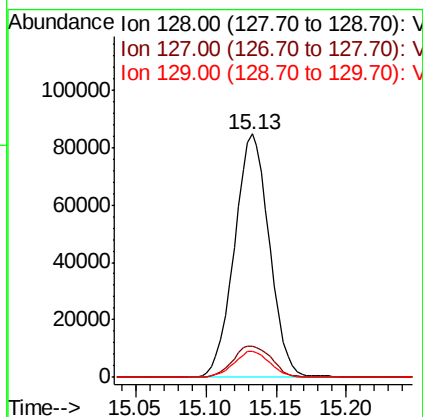
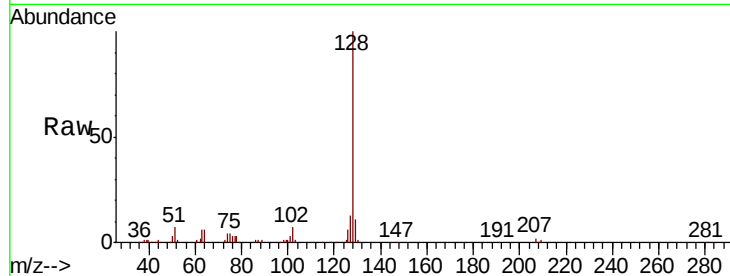




#95
Naphthalene
Concen: 19.092 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. -0.00 min
Lab File: VN051428.D
Acq: 23 Sep 2018 22:08

Instrument :
MSVOA_N
ClientSampleId :
VN0923WBSD02

Tgt Ion:128 Resp: 146977
Ion Ratio Lower Upper
128 100
127 14.2 10.5 15.7
129 11.0 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 16.859 ug/l
RT: 15.31 min Scan# 4211
Delta R.T. -0.00 min
Lab File: VN051428.D
Acq: 23 Sep 2018 22:08

Tgt Ion:180 Resp: 87121
Ion Ratio Lower Upper
180 100
182 95.6 47.2 141.6
145 29.7 14.6 43.8

