

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN092318\
 Data File : VN051404.D
 Acq On : 23 Sep 2018 11:31
 Operator : MD\SY
 Sample : VN0922WBSD01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0923WBSD01

Quant Time: Sep 24 06:44:35 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	505651	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	741053	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	656238	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	311581	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	328755	51.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.80%	
35) Dibromofluoromethane	7.59	113	293150	49.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.94%	
50) Toluene-d8	10.09	98	1086729	48.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.40%	
62) 4-Bromofluorobenzene	12.40	95	340610	47.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.36%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	87029	18.448	ug/l	97
3) Chloromethane	2.06	50	153360	20.422	ug/l	98
4) Vinyl Chloride	2.18	62	163919	19.777	ug/l	100
5) Bromomethane	2.57	94	104597	21.092	ug/l	99
6) Chloroethane	2.70	64	104171	20.170	ug/l	98
7) Trichlorofluoromethane	3.02	101	224233	20.654	ug/l	97
8) Diethyl Ether	3.41	74	80338	22.058	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	3.76	101	108134	17.648	ug/l	98
10) Methyl Iodide	3.96	142	138860	17.242	ug/l	98
11) Tert butyl alcohol	4.78	59	34944	97.749	ug/l #	78
12) 1,1-Dichloroethene	3.74	96	104352	18.548	ug/l	96
13) Acrolein	3.61	56	38416	108.219	ug/l	99
14) Allyl chloride	4.33	41	164472	17.425	ug/l	99
15) Acrylonitrile	4.99	53	184911	95.086	ug/l	98
16) Acetone	3.82	43	132881	77.833	ug/l	98
17) Carbon Disulfide	4.05	76	293003	17.727	ug/l	100
18) Methyl Acetate	4.33	43	91625	18.993	ug/l	98
19) Methyl tert-butyl Ether	5.05	73	279459	19.263	ug/l	99
20) Methylene Chloride	4.55	84	122686	19.573	ug/l	98
21) trans-1,2-Dichloroethene	5.05	96	106504	18.506	ug/l	99
22) Diisopropyl ether	5.95	45	376319	20.625	ug/l	98
23) Vinyl Acetate	5.90	43	1165763	97.320	ug/l	99
24) 1,1-Dichloroethane	5.85	63	219467	20.160	ug/l	99
25) 2-Butanone	6.84	43	202267	93.295	ug/l	97
26) 2,2-Dichloropropane	6.83	77	110587	13.013	ug/l	100
27) cis-1,2-Dichloroethene	6.83	96	122941	19.468	ug/l	99
28) Bromochloromethane	7.20	49	101138	20.118	ug/l	99
29) Tetrahydrofuran	7.21	42	134706	98.046	ug/l	100
30) Chloroform	7.37	83	221034	20.491	ug/l	98
31) Cyclohexane	7.66	56	187433	18.792	ug/l	97
32) 1,1,1-Trichloroethane	7.57	97	188829	20.476	ug/l	100
36) 1,1-Dichloropropene	7.80	75	160026	18.648	ug/l	98
37) Ethyl Acetate	6.93	43	93564	18.963	ug/l	97
38) Carbon Tetrachloride	7.77	117	169470	18.881	ug/l	99

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 Data File : VN051404.D
 Acq On : 23 Sep 2018 11:31
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 Sample : VN0922WBSD01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
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 VN0923WBSD01

Quant Time: Sep 24 06:44:35 2018
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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)
39) Methylcyclohexane	9.08	83	169185	16.865	ug/l	95
40) Benzene	8.04	78	491474	19.505	ug/l	99
41) Methacrylonitrile	7.17	41	43475	15.926	ug/l	91
42) 1,2-Dichloroethane	8.13	62	159266	19.740	ug/l	100
43) Isopropyl Acetate	8.17	43	167406	18.763	ug/l #	88
44) Trichloroethene	8.84	130	126117	18.844	ug/l	96
45) 1,2-Dichloropropane	9.12	63	135092	19.723	ug/l	99
46) Dibromomethane	9.21	93	76624	19.799	ug/l	98
47) Bromodichloromethane	9.40	83	165987	19.381	ug/l	99
48) Methyl methacrylate	9.20	41	84117	18.910	ug/l	98
49) 1,4-Dioxane	9.20	88	20390	374.019	ug/l	94
51) 4-Methyl-2-Pentanone	9.99	43	466717	95.116	ug/l	99
52) Toluene	10.16	92	299921	19.153	ug/l	97
53) t-1,3-Dichloropropene	10.38	75	148681	17.196	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	175184	17.471	ug/l	97
55) 1,1,2-Trichloroethane	10.56	97	111005	20.058	ug/l	98
56) Ethyl methacrylate	10.43	69	127708	18.874	ug/l	100
57) 1,3-Dichloropropane	10.71	76	182891	19.281	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	309345	97.966	ug/l	99
59) 2-Hexanone	10.75	43	283980	89.276	ug/l	98
60) Dibromochloromethane	10.90	129	124150	19.013	ug/l	99
61) 1,2-Dibromoethane	11.00	107	104002	19.359	ug/l	97
64) Tetrachloroethene	10.63	164	119483	20.062	ug/l	99
65) Chlorobenzene	11.43	112	316175	18.779	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	124537	19.414	ug/l	99
67) Ethyl Benzene	11.51	91	533446	18.800	ug/l	100
68) m/p-Xylenes	11.62	106	412093	37.546	ug/l	99
69) o-Xylene	11.95	106	199295	18.888	ug/l	98
70) Styrene	11.96	104	309411	18.506	ug/l	100
71) Bromoform	12.13	173	82470	18.947	ug/l #	99
73) Isopropylbenzene	12.25	105	526357	20.022	ug/l	99
74) N-amyl acetate	12.07	43	129926	19.697	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.50	83	125272	20.434	ug/l	98
76) 1,2,3-Trichloropropane	12.55	75	147318	28.481	ug/l #	100
77) Bromobenzene	12.53	156	131857	19.813	ug/l	98
78) n-propylbenzene	12.59	91	584091	19.714	ug/l	98
79) 2-Chlorotoluene	12.67	91	357080	20.134	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	436106	20.344	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	27937	16.608	ug/l	97
82) 4-Chlorotoluene	12.77	91	348173	19.669	ug/l	99
83) tert-Butylbenzene	12.99	119	380919	19.964	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	437528	20.255	ug/l	99
85) sec-Butylbenzene	13.17	105	518119	20.072	ug/l	99
86) p-Isopropyltoluene	13.29	119	432832	19.379	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	222029	19.279	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	215299	19.429	ug/l	100
89) n-Butylbenzene	13.61	91	321719	17.517	ug/l	99
90) Hexachloroethane	13.87	117	87322	19.622	ug/l	98
91) 1,2-Dichlorobenzene	13.65	146	218532	19.557	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.26	75	17657	20.182	ug/l	94

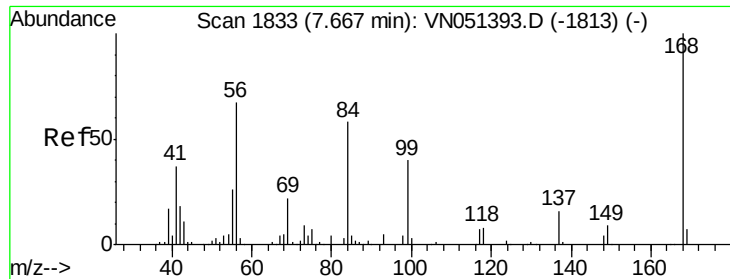
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN092318\
Data File : VN051404.D
Acq On : 23 Sep 2018 11:31
Operator : MD\SY
Sample : VN0922WBSD01
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Instrument :
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VN0923WBSD01

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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)
93) 1,2,4-Trichlorobenzene	14.91	180	87552	18.776	ug/l	97
94) Hexachlorobutadiene	15.01	225	79330	18.763	ug/l	97
95) Naphthalene	15.13	128	155260	19.290	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	92227	17.198	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VN051404.D

Acq: 23 Sep 2018 11:31

Instrument :

MSVOA_N

ClientSampleId :

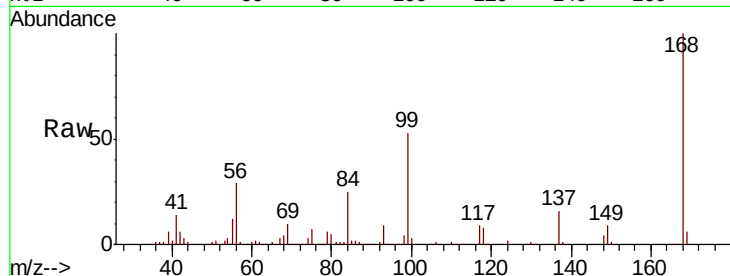
VN0923WBSD01

Tgt Ion:168 Resp: 505651

Ion Ratio Lower Upper

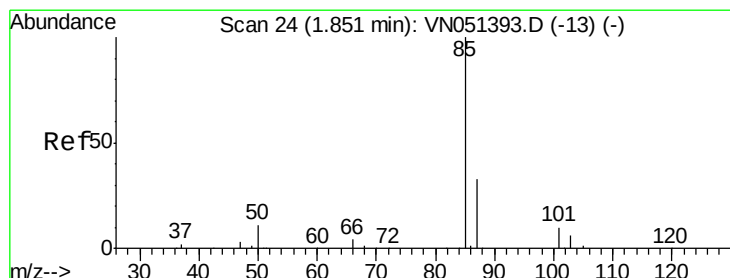
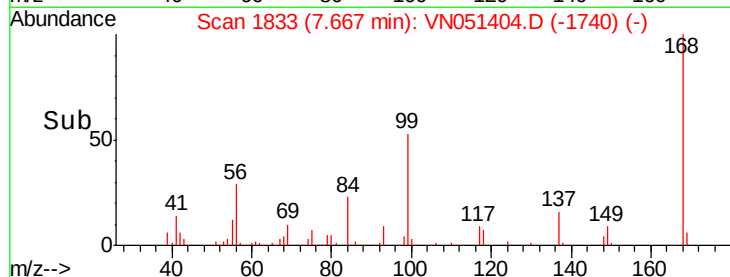
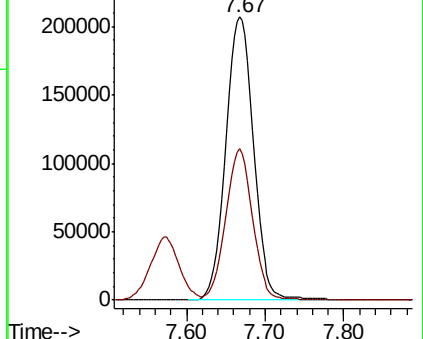
168 100

99 53.3 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#2

Dichlorodifluoromethane

Concen: 18.448 ug/l

RT: 1.85 min Scan# 24

Delta R.T. -0.00 min

Lab File: VN051404.D

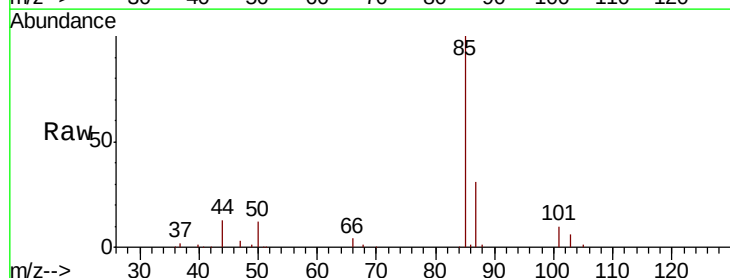
Acq: 23 Sep 2018 11:31

Tgt Ion: 85 Resp: 87029

Ion Ratio Lower Upper

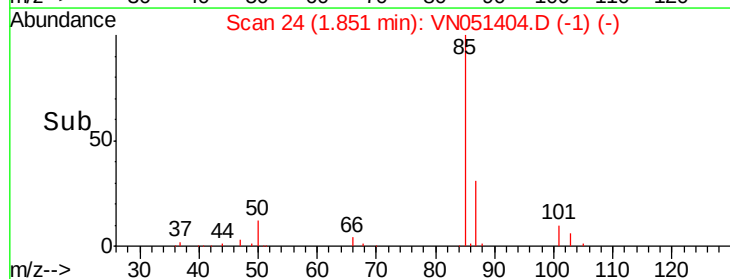
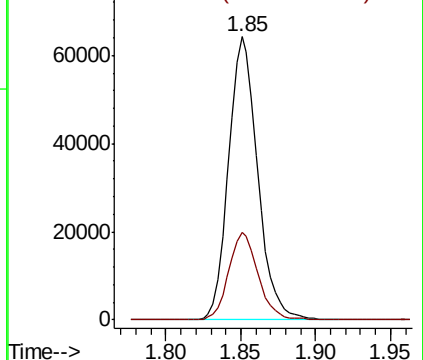
85 100

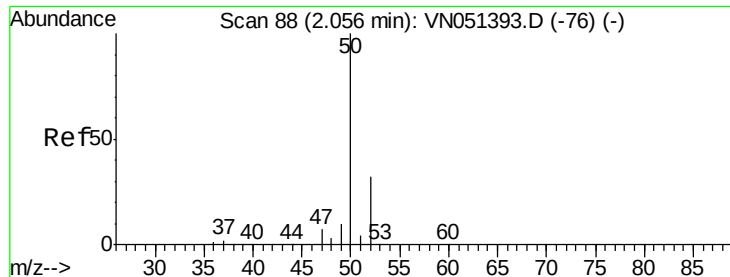
87 30.8 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN





#3

Chloromethane

Concen: 20.422 ug/l

RT: 2.06 min Scan# 89

Delta R.T. 0.00 min

Lab File: VN051404.D

Acq: 23 Sep 2018 11:31

Instrument :

MSVOA_N

ClientSampleId :

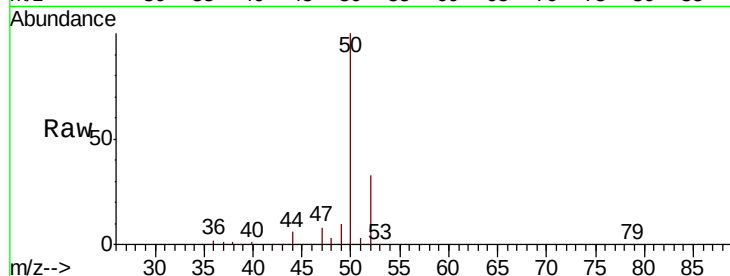
VN0923WBSD01

Tgt Ion: 50 Resp: 153360

Ion Ratio Lower Upper

50 100

52 33.3 25.7 38.5



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0

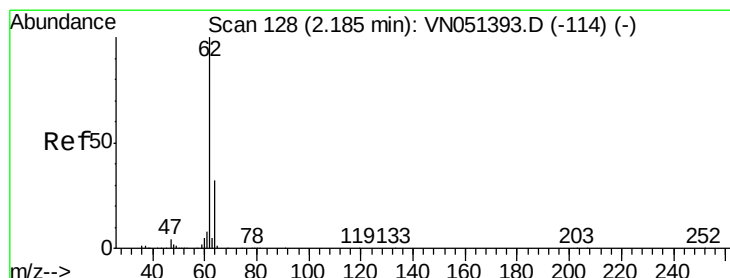
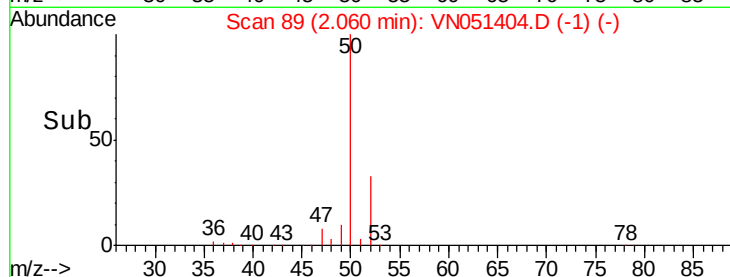
2.06

100000

50000

0

Time-->



#4

Vinyl Chloride

Concen: 19.777 ug/l

RT: 2.18 min Scan# 128

Delta R.T. -0.00 min

Lab File: VN051404.D

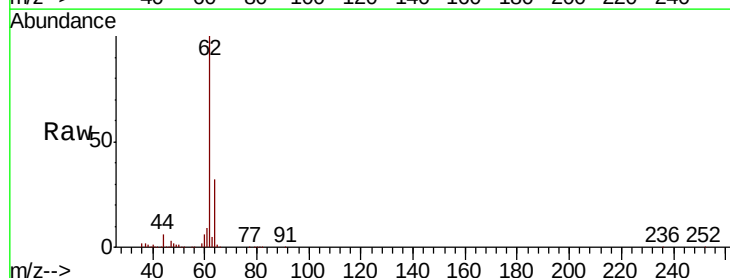
Acq: 23 Sep 2018 11:31

Tgt Ion: 62 Resp: 163919

Ion Ratio Lower Upper

62 100

64 32.1 25.8 38.8



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0

2.18

120000

100000

80000

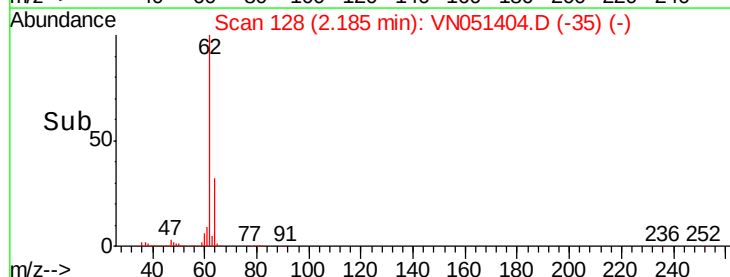
60000

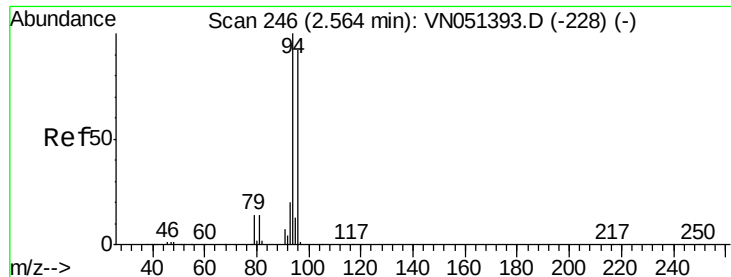
40000

20000

0

Time-->





#5

Bromomethane

Concen: 21.092 ug/l

RT: 2.57 min Scan# 247

Delta R.T. 0.00 min

Lab File: VN051404.D

Acq: 23 Sep 2018 11:31

Instrument :

MSVOA_N

ClientSampleId :

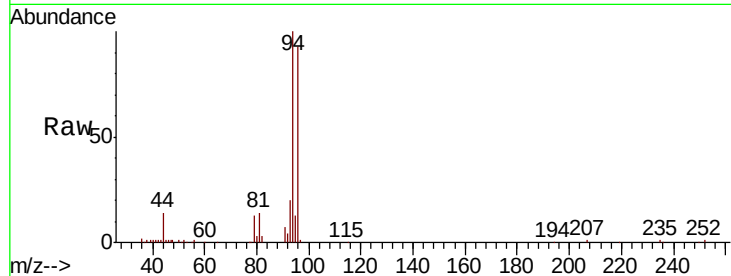
VN0923WBSD01

Tgt Ion: 94 Resp: 104597

Ion Ratio Lower Upper

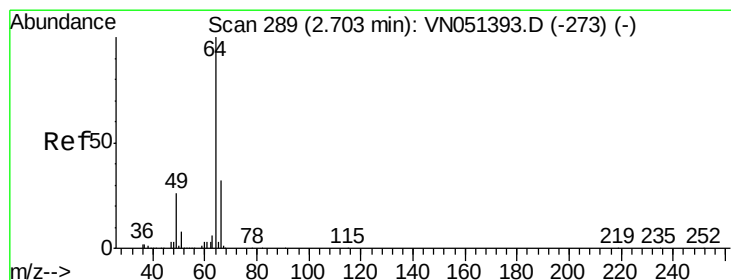
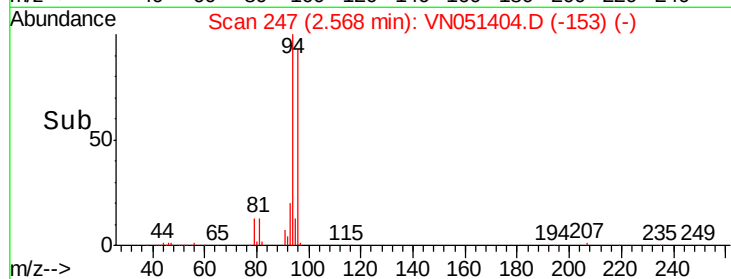
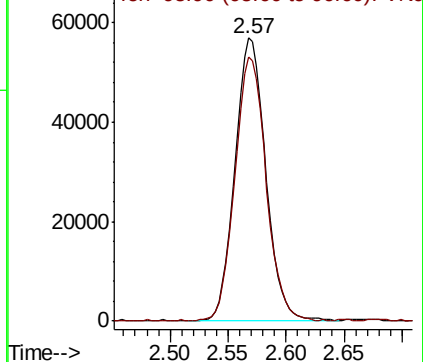
94 100

96 93.2 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: 20.170 ug/l

RT: 2.70 min Scan# 289

Delta R.T. -0.00 min

Lab File: VN051404.D

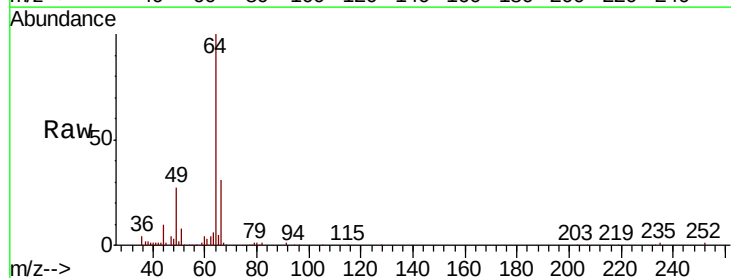
Acq: 23 Sep 2018 11:31

Tgt Ion: 64 Resp: 104171

Ion Ratio Lower Upper

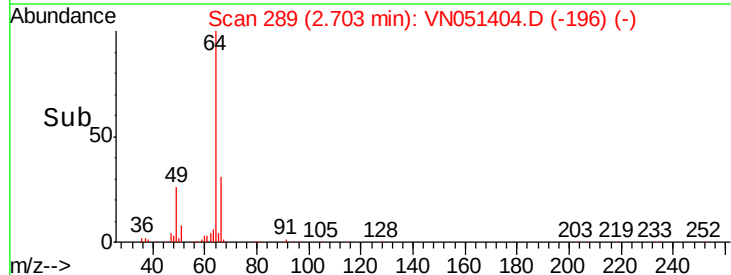
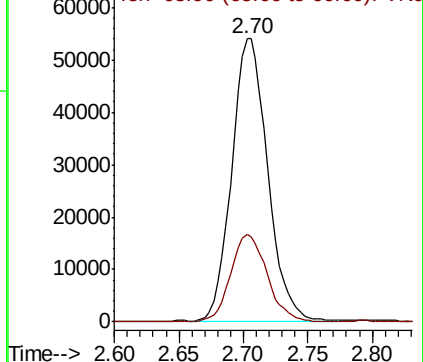
64 100

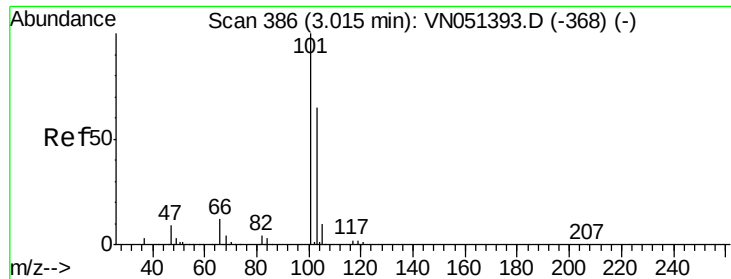
66 31.0 25.9 38.9



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



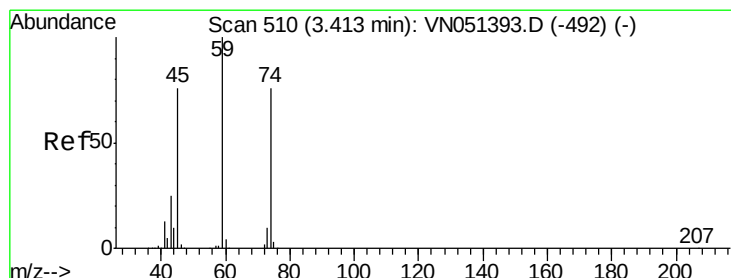
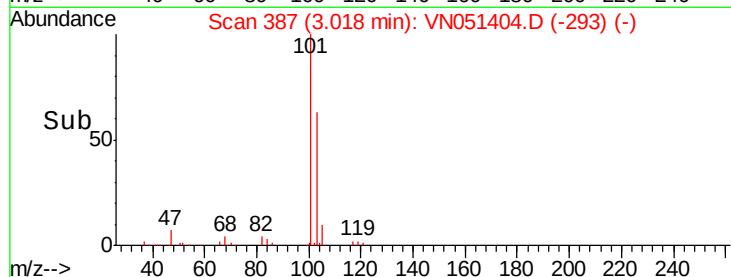
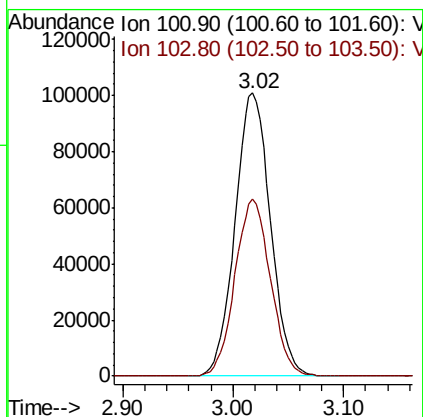
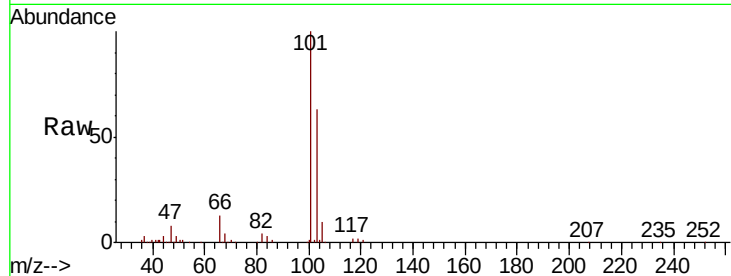


#7

Trichlorofluoromethane
 Concen: 20.654 ug/l
 RT: 3.02 min Scan# 387
 Delta R.T. 0.00 min
 Lab File: VN051404.D
 Acq: 23 Sep 2018 11:31

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0923WBSD01

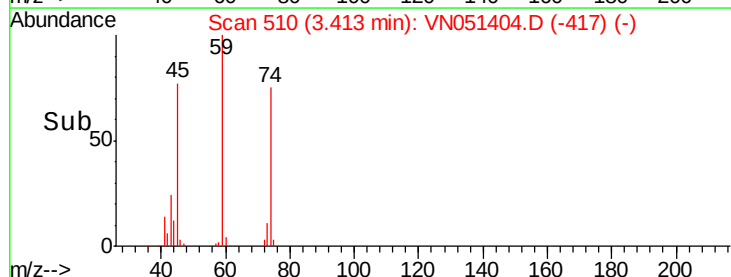
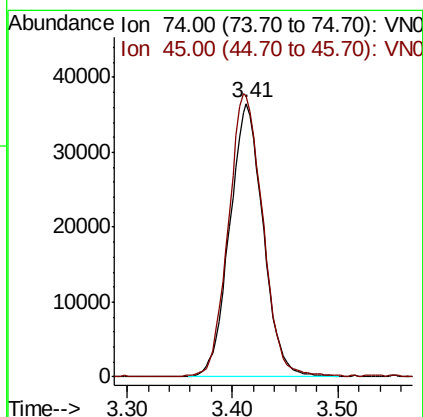
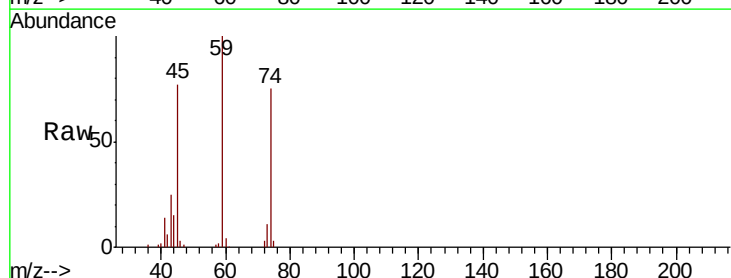
Tgt Ion:101 Resp: 224233
 Ion Ratio Lower Upper
 101 100
 103 62.7 51.8 77.8

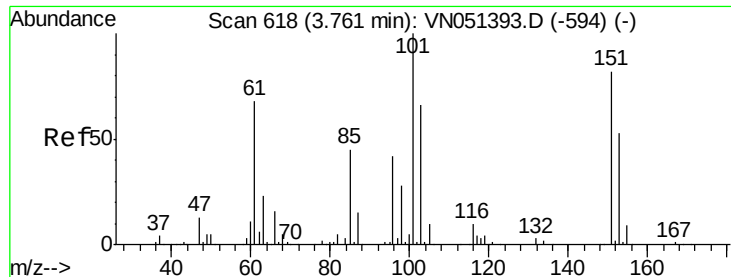


#8

Diethyl Ether
 Concen: 22.058 ug/l
 RT: 3.41 min Scan# 510
 Delta R.T. 0.00 min
 Lab File: VN051404.D
 Acq: 23 Sep 2018 11:31

Tgt Ion: 74 Resp: 80338
 Ion Ratio Lower Upper
 74 100
 45 106.3 50.2 150.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.648 ug/l

RT: 3.76 min Scan# 618

Delta R.T. -0.00 min

Lab File: VN051404.D

Acq: 23 Sep 2018 11:31

Instrument :

MSVOA_N

ClientSampleId :

VN0923WBSD01

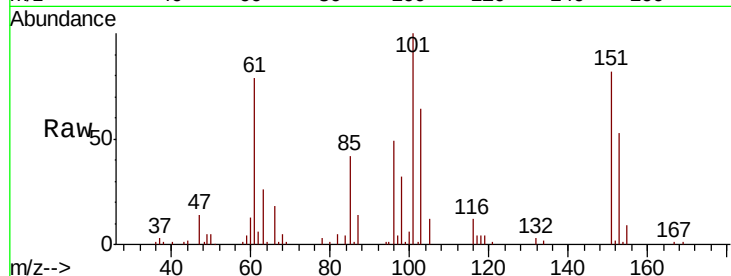
Tgt Ion:101 Resp: 108134

Ion Ratio Lower Upper

101 100

85 43.1 33.9 50.9

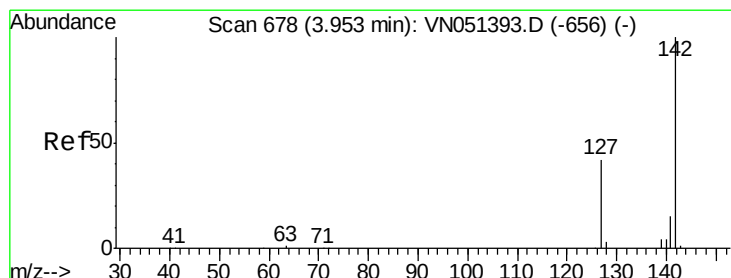
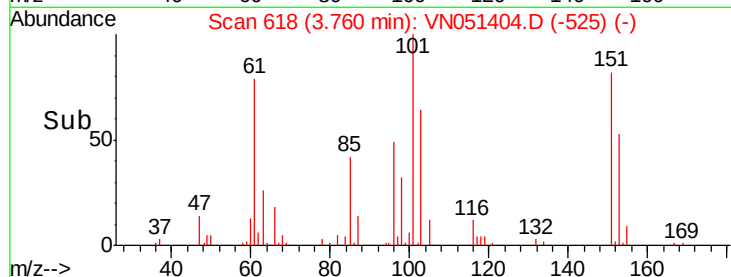
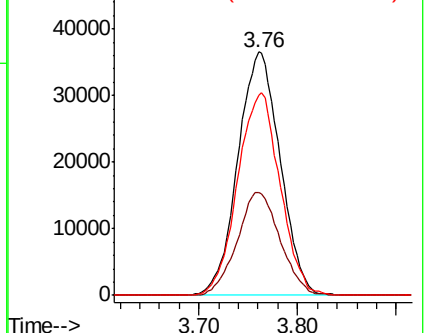
151 83.8 65.2 97.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 17.242 ug/l

RT: 3.96 min Scan# 679

Delta R.T. 0.00 min

Lab File: VN051404.D

Acq: 23 Sep 2018 11:31

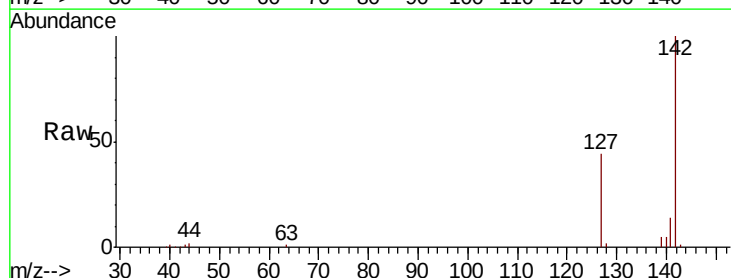
Tgt Ion:142 Resp: 138860

Ion Ratio Lower Upper

142 100

127 43.0 33.2 49.8

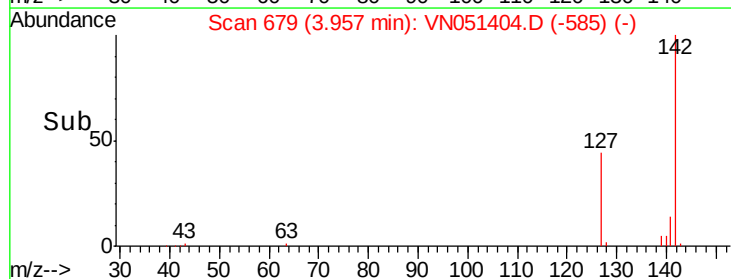
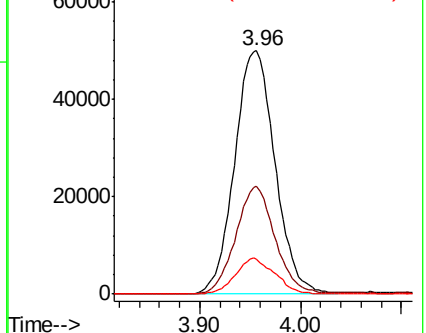
141 14.5 11.5 17.3

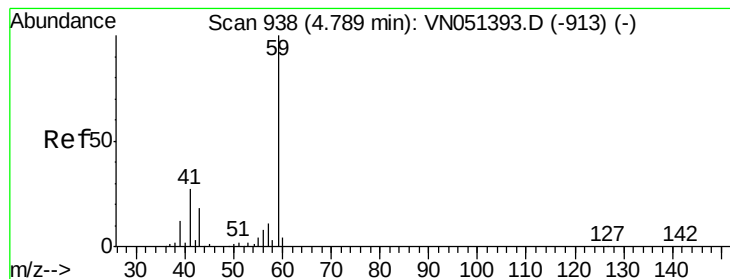


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



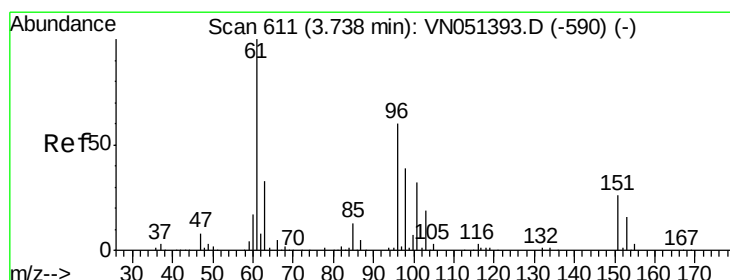
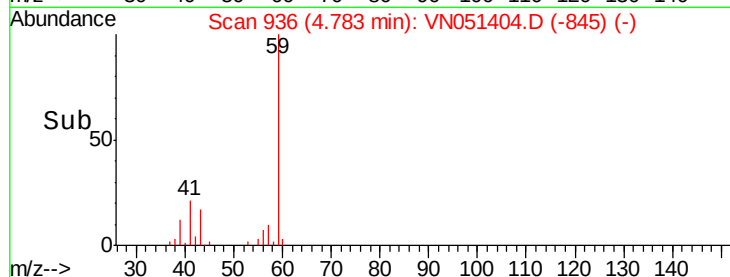
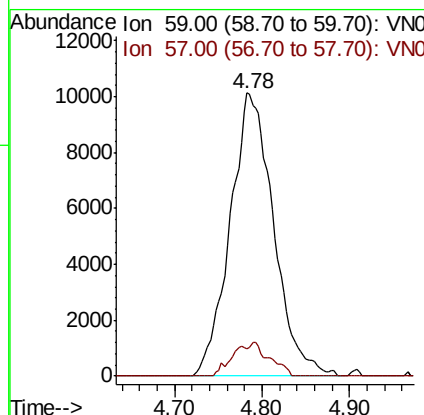
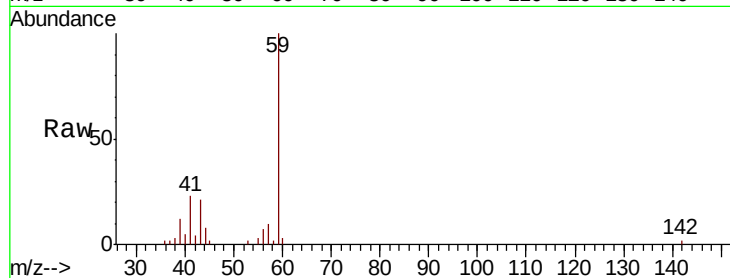


#11

Tert butyl alcohol
 Concen: 97.749 ug/l
 RT: 4.78 min Scan# 936
 Delta R.T. -0.01 min
 Lab File: VN051404.D
 Acq: 23 Sep 2018 11:31

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0923WBSD01

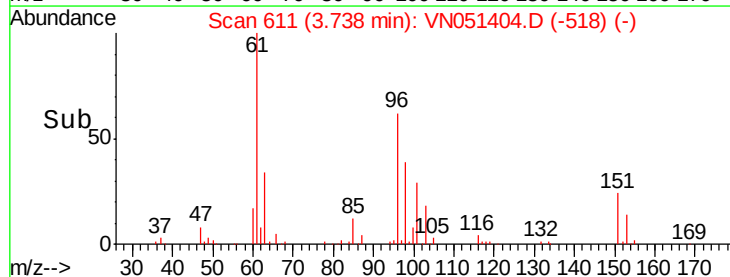
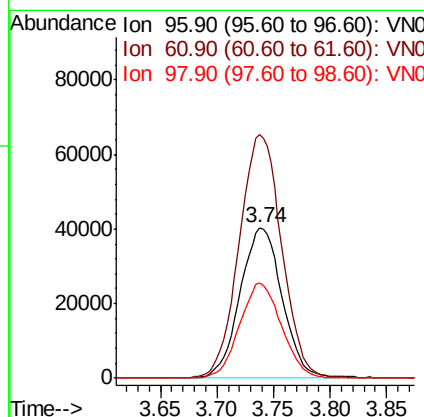
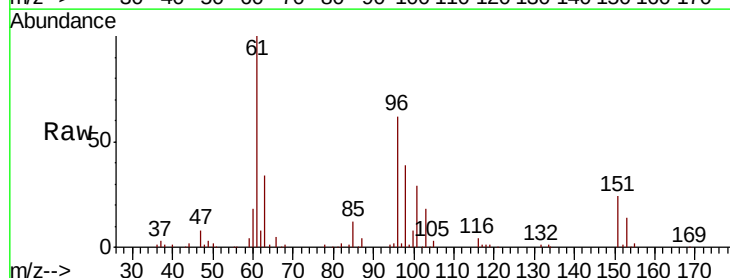
Tgt Ion: 59 Resp: 34944
 Ion Ratio Lower Upper
 59 100
 57 0.0 6.2 9.2#

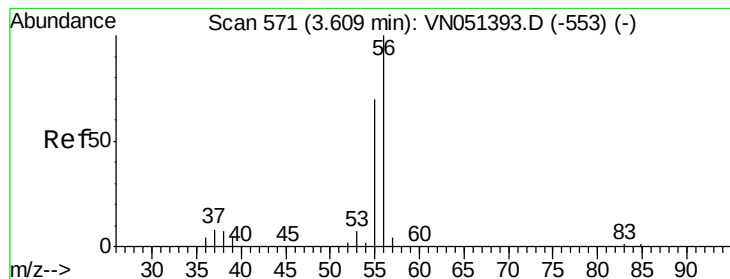


#12

1,1-Dichloroethene
 Concen: 18.548 ug/l
 RT: 3.74 min Scan# 611
 Delta R.T. -0.00 min
 Lab File: VN051404.D
 Acq: 23 Sep 2018 11:31

Tgt Ion: 96 Resp: 104352
 Ion Ratio Lower Upper
 96 100
 61 161.0 133.6 200.4
 98 63.1 52.2 78.2





#13

Acrolein

Concen: 108.219 ug/l

RT: 3.61 min Scan# 571

Delta R.T. -0.00 min

Lab File: VN051404.D

Acq: 23 Sep 2018 11:31

Instrument :

MSVOA_N

ClientSampleId :

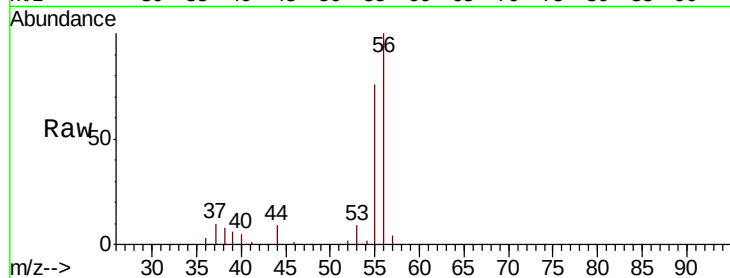
VN0923WBSD01

Tgt Ion: 56 Resp: 38416

Ion Ratio Lower Upper

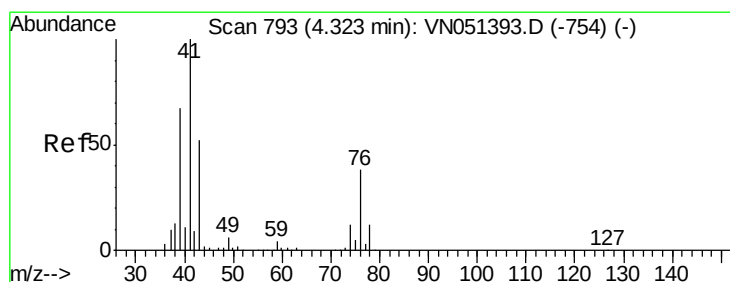
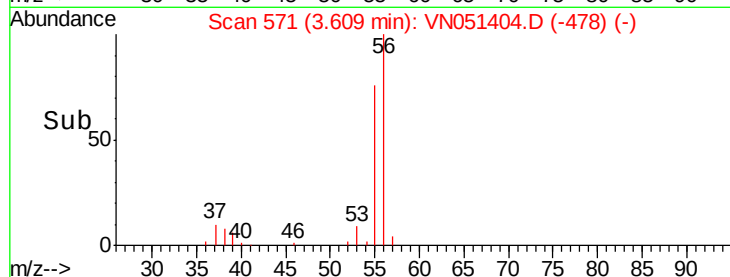
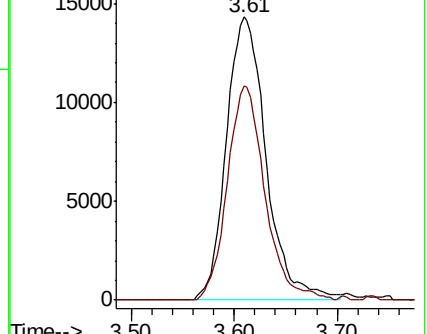
56 100

55 71.7 57.8 86.8



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 17.425 ug/l

RT: 4.33 min Scan# 794

Delta R.T. 0.00 min

Lab File: VN051404.D

Acq: 23 Sep 2018 11:31

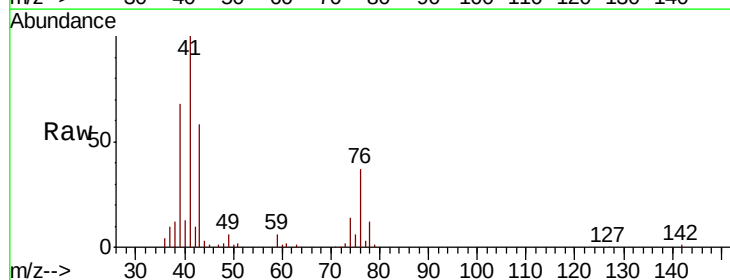
Tgt Ion: 41 Resp: 164472

Ion Ratio Lower Upper

41 100

39 63.9 51.4 77.2

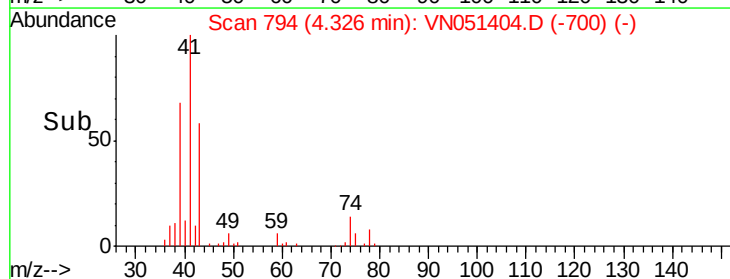
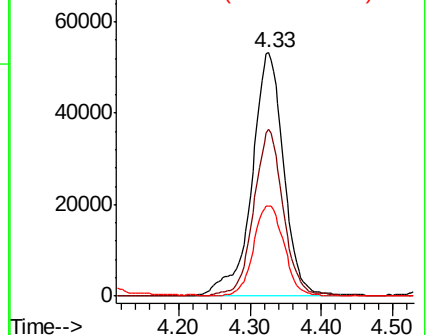
76 35.6 28.1 42.1

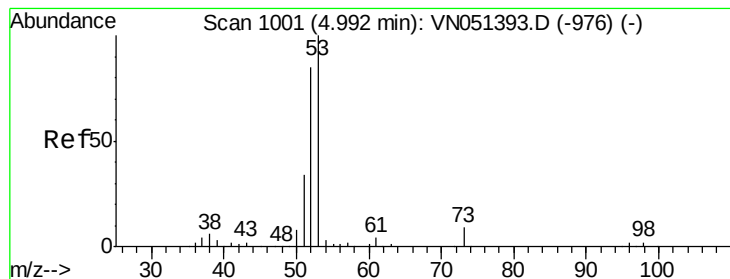


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





#15

Acrylonitrile

Concen: 95.086 ug/l

RT: 4.99 min Scan# 1001

Delta R.T. 0.00 min

Lab File: VN051404.D

Acq: 23 Sep 2018 11:31

Instrument :

MSVOA_N

ClientSampleId :

VN0923WBSD01

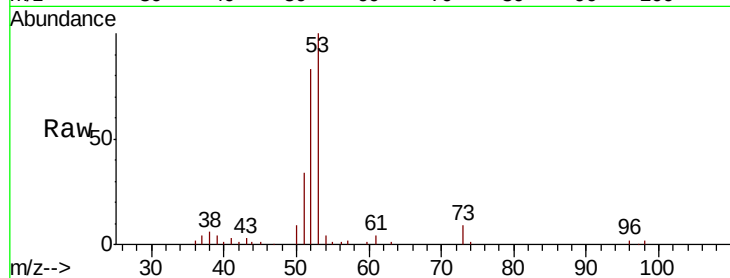
Tgt Ion: 53 Resp: 184911

Ion Ratio Lower Upper

53 100

52 80.6 66.2 99.2

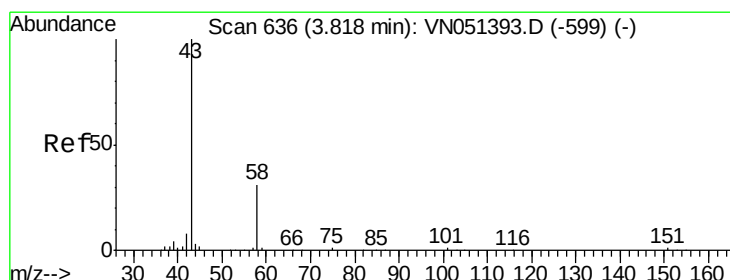
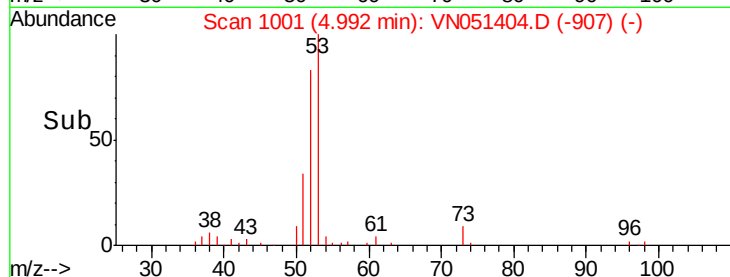
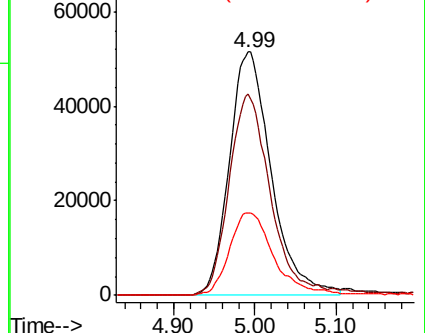
51 35.7 28.6 42.8



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: 77.833 ug/l

RT: 3.82 min Scan# 636

Delta R.T. 0.00 min

Lab File: VN051404.D

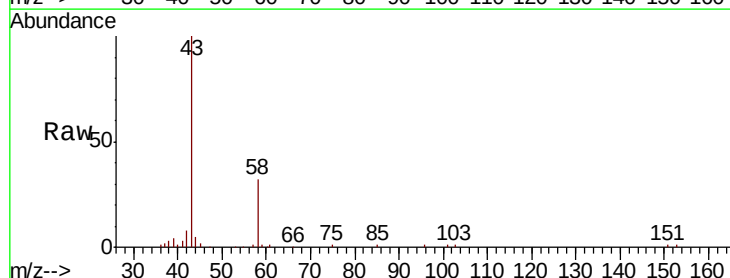
Acq: 23 Sep 2018 11:31

Tgt Ion: 43 Resp: 132881

Ion Ratio Lower Upper

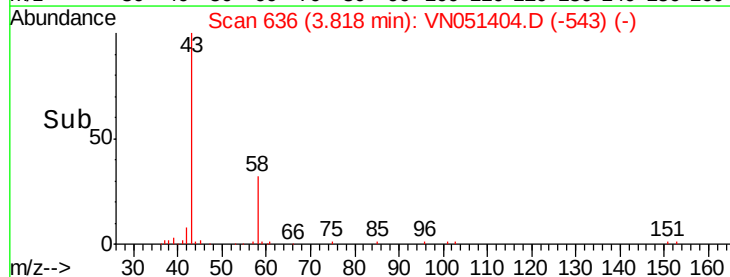
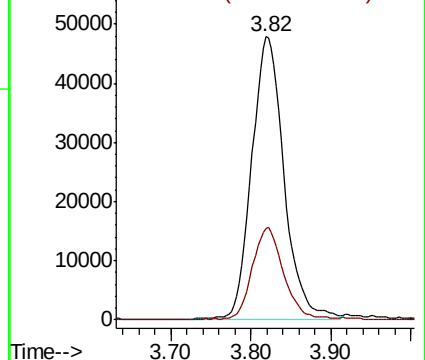
43 100

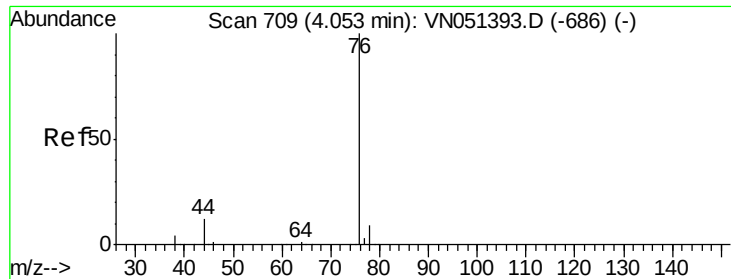
58 32.3 25.0 37.4



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

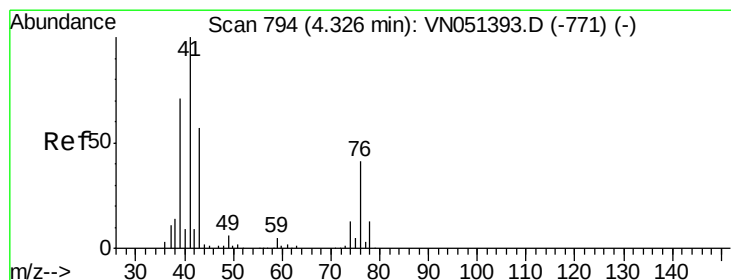
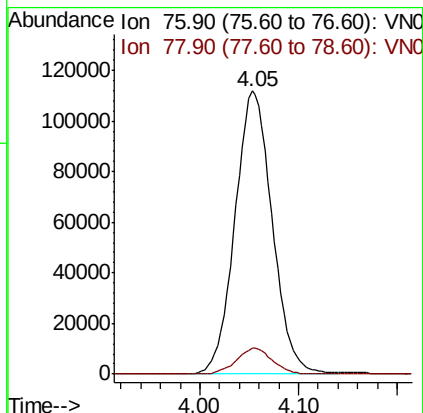
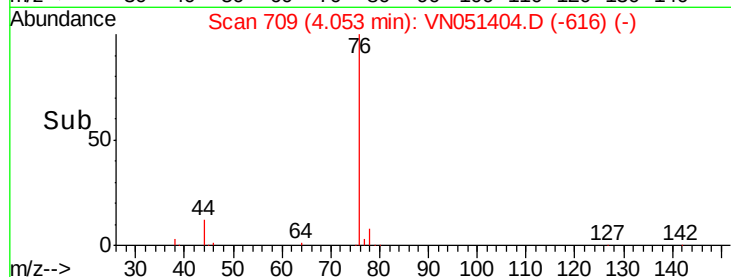
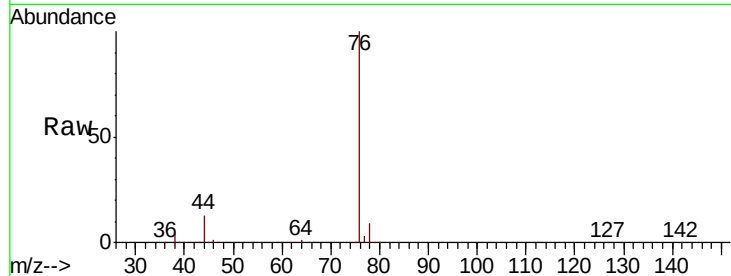




#17
Carbon Disulfide
Concen: 17.727 ug/l
RT: 4.05 min Scan# 709
Delta R.T. -0.00 min
Lab File: VN051404.D
Acq: 23 Sep 2018 11:31

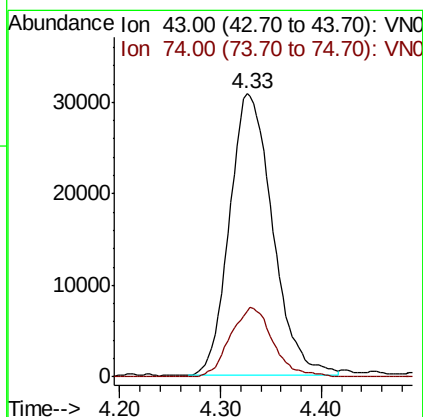
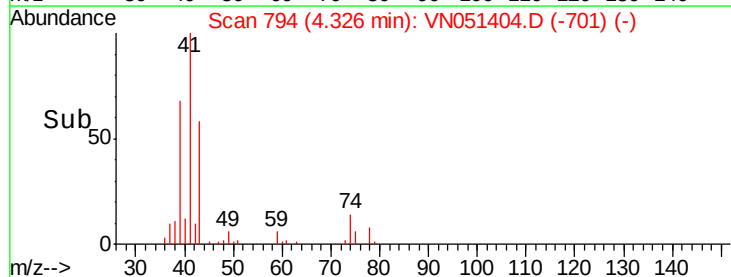
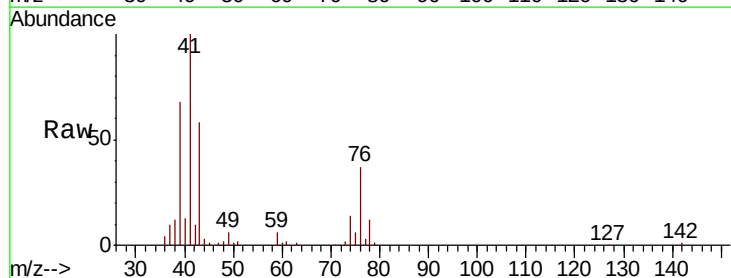
Instrument :
MSVOA_N
ClientSampleId :
VN0923WBSD01

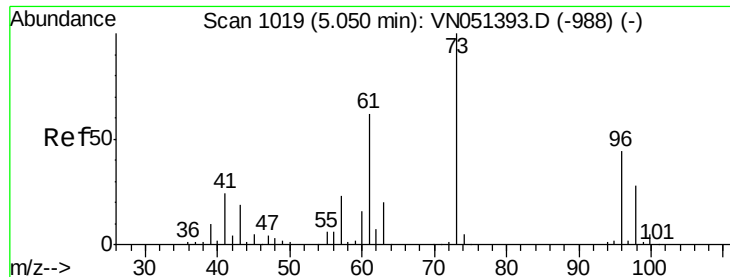
Tgt Ion: 76 Resp: 293003
Ion Ratio Lower Upper
76 100
78 9.0 7.3 10.9



#18
Methyl Acetate
Concen: 18.993 ug/l
RT: 4.33 min Scan# 794
Delta R.T. -0.00 min
Lab File: VN051404.D
Acq: 23 Sep 2018 11:31

Tgt Ion: 43 Resp: 91625
Ion Ratio Lower Upper
43 100
74 24.4 18.8 28.2

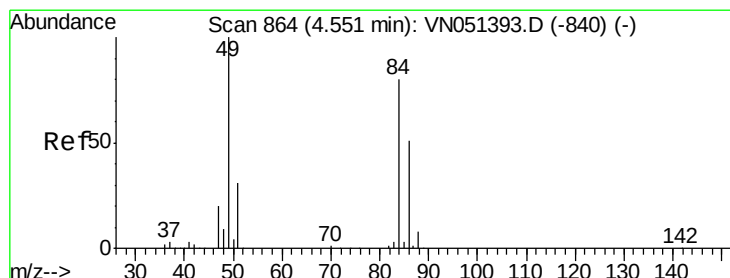
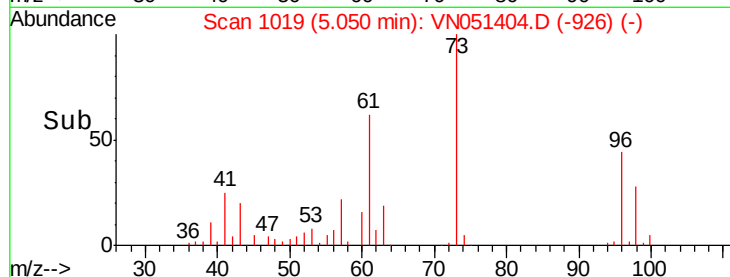
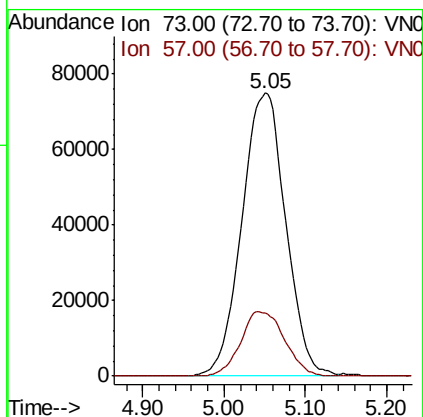
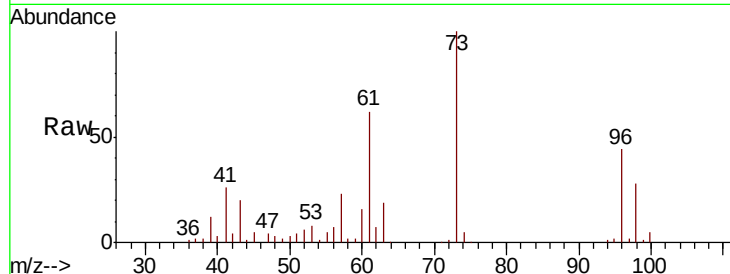




#19
Methyl tert-butyl Ether
Concen: 19.263 ug/l
RT: 5.05 min Scan# 1019
Delta R.T. -0.00 min
Lab File: VN051404.D
Acq: 23 Sep 2018 11:31

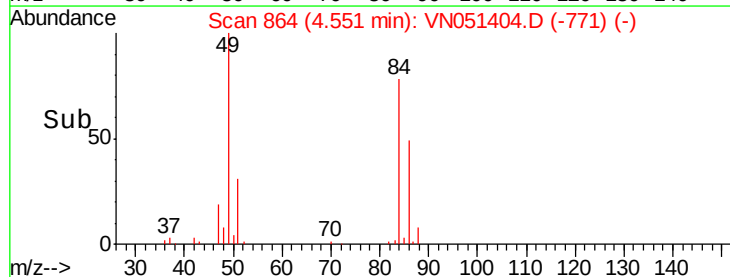
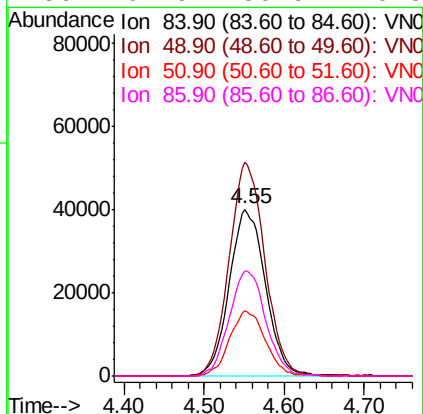
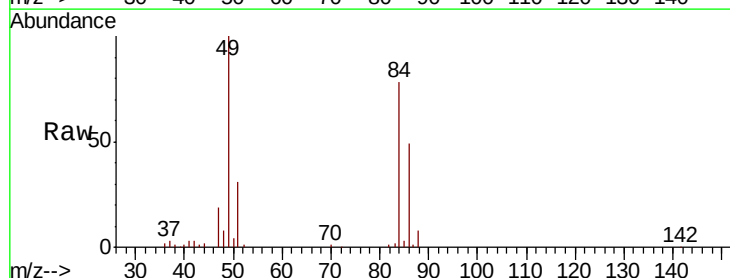
Instrument :
MSVOA_N
ClientSampleId :
VN0923WBSD01

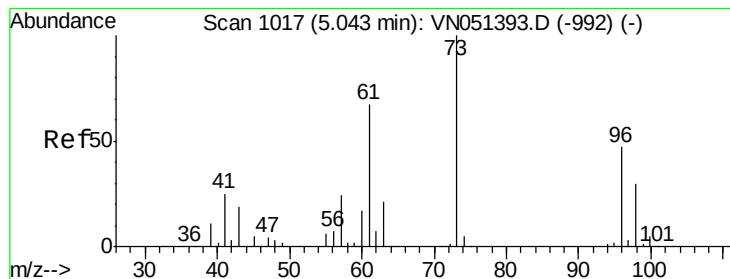
Tgt Ion: 73 Resp: 279459
Ion Ratio Lower Upper
73 100
57 22.5 18.3 27.5



#20
Methylene Chloride
Concen: 19.573 ug/l
RT: 4.55 min Scan# 864
Delta R.T. -0.00 min
Lab File: VN051404.D
Acq: 23 Sep 2018 11:31

Tgt Ion: 84 Resp: 122686
Ion Ratio Lower Upper
84 100
49 127.9 99.9 149.9
51 39.2 31.4 47.2
86 62.9 50.9 76.3





#21

trans-1,2-Dichloroethene

Concen: 18.506 ug/l

RT: 5.05 min Scan# 1018

Delta R.T. 0.00 min

Lab File: VN051404.D

Acq: 23 Sep 2018 11:31

Instrument :

MSVOA_N

ClientSampled :

VN0923WBSD01

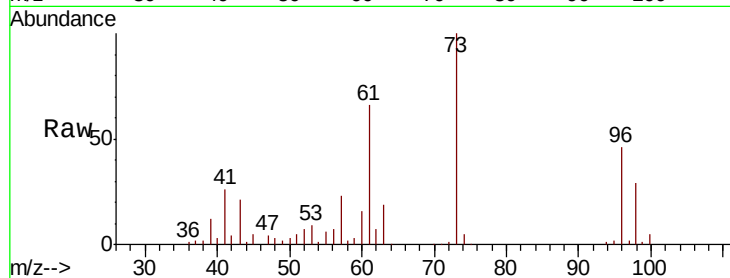
Tgt Ion: 96 Resp: 106504

Ion Ratio Lower Upper

96 100

61 144.0 113.4 170.2

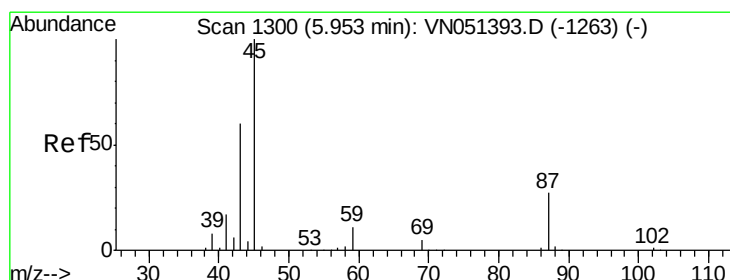
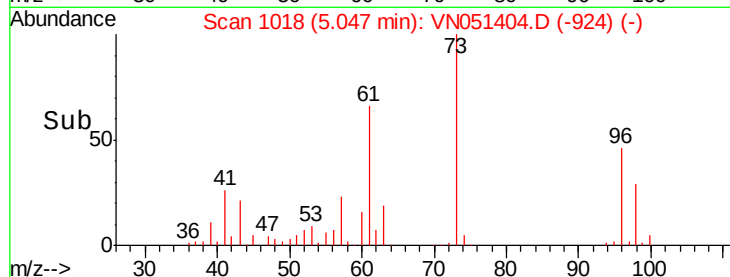
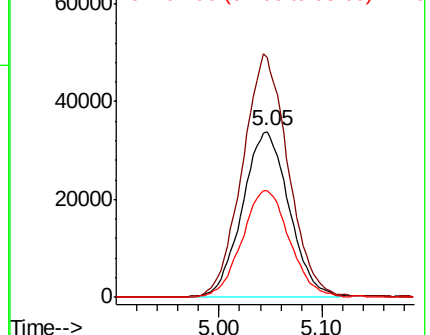
98 64.5 51.1 76.7



Abundance Ion 95.90 (95.60 to 96.60): VN051393.D (-992) (-)

Ion 60.90 (60.60 to 61.60): VN051393.D (-992) (-)

Ion 97.90 (97.60 to 98.60): VN051393.D (-992) (-)



#22

Diisopropyl ether

Concen: 20.625 ug/l

RT: 5.95 min Scan# 1300

Delta R.T. -0.00 min

Lab File: VN051404.D

Acq: 23 Sep 2018 11:31

Tgt Ion: 45 Resp: 376319

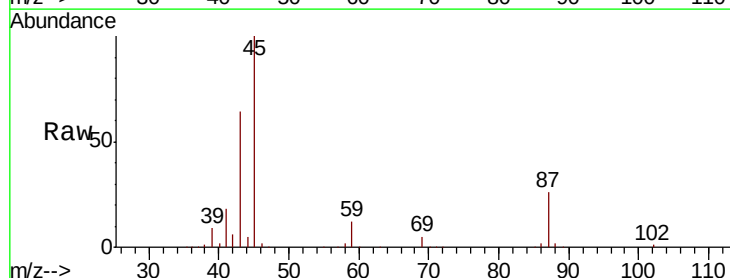
Ion Ratio Lower Upper

45 100

43 61.2 47.7 71.5

87 25.9 22.0 33.0

59 11.8 9.3 13.9

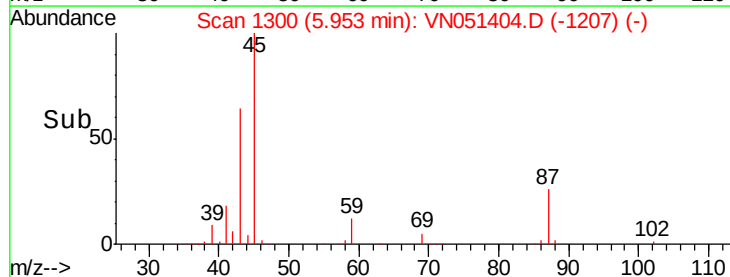
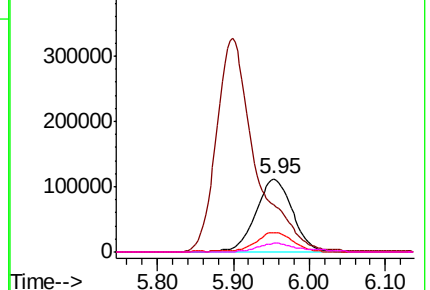


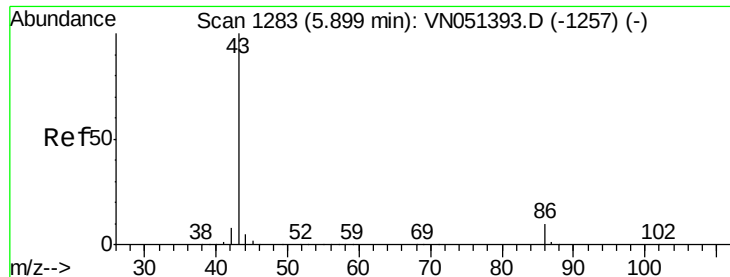
Abundance Ion 45.00 (44.70 to 45.70): VN051393.D (-1263) (-)

Ion 43.00 (42.70 to 43.70): VN051393.D (-1263) (-)

Ion 87.00 (86.70 to 87.70): VN051393.D (-1263) (-)

Ion 59.00 (58.70 to 59.70): VN051393.D (-1263) (-)





#23

Vinyl Acetate

Concen: 97.320 ug/l

RT: 5.90 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VN051404.D

Acq: 23 Sep 2018 11:31

Instrument :

MSVOA_N

ClientSampleId :

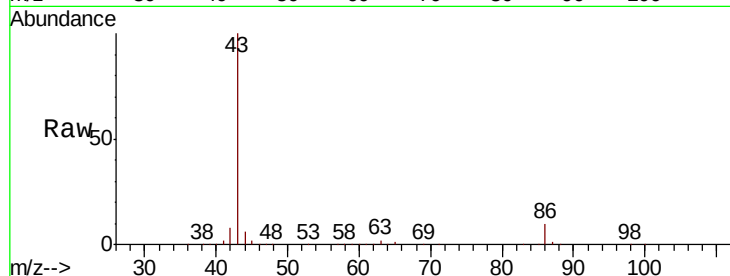
VN0923WBSD01

Tgt Ion: 43 Resp: 1165763

Ion Ratio Lower Upper

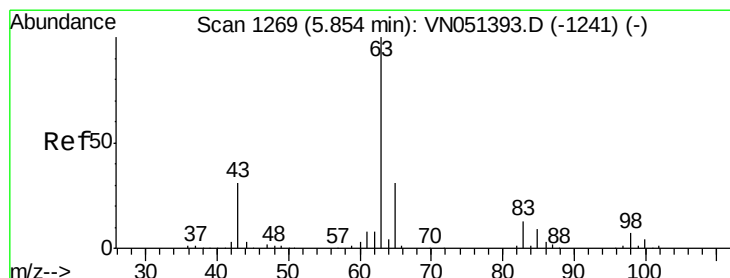
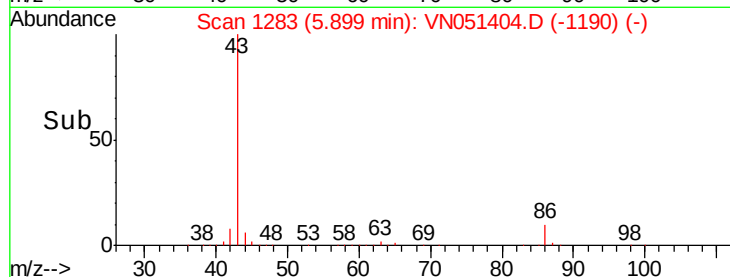
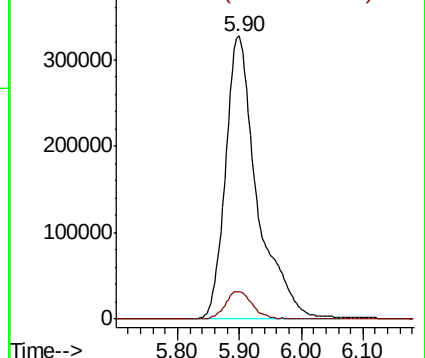
43 100

86 9.8 8.2 12.2



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0



#24

1,1-Dichloroethane

Concen: 20.160 ug/l

RT: 5.85 min Scan# 1268

Delta R.T. -0.00 min

Lab File: VN051404.D

Acq: 23 Sep 2018 11:31

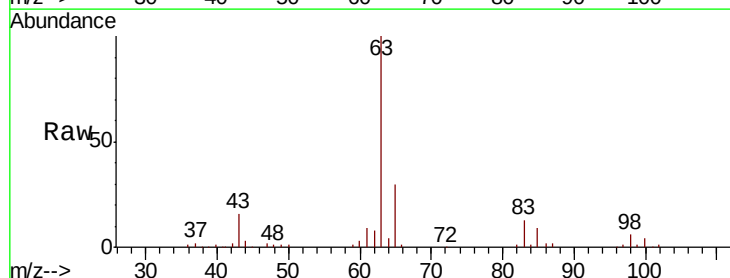
Tgt Ion: 63 Resp: 219467

Ion Ratio Lower Upper

63 100

98 6.0 3.4 10.1

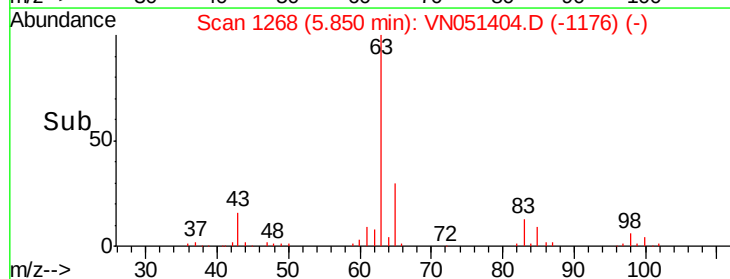
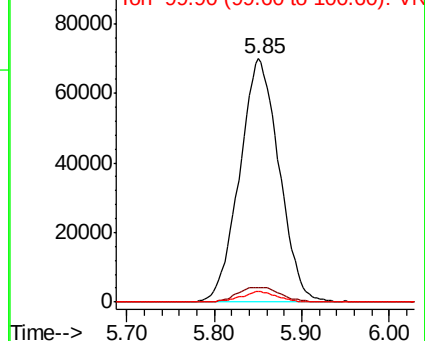
100 4.3 2.2 6.6

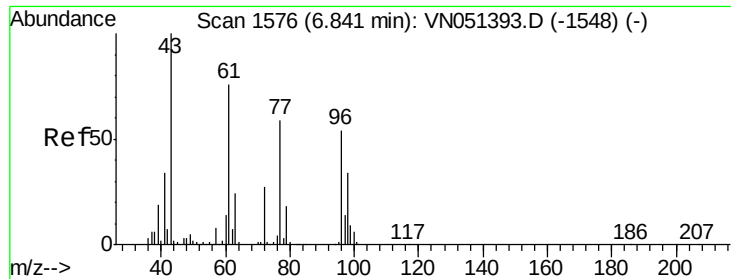


Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0

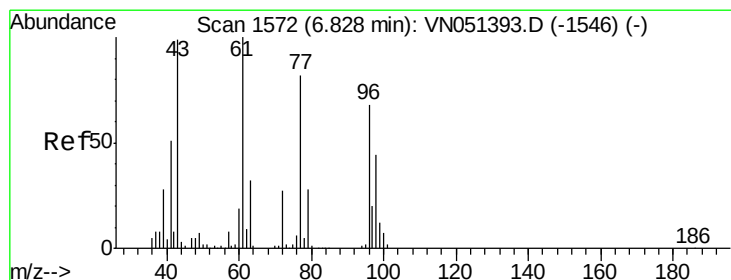
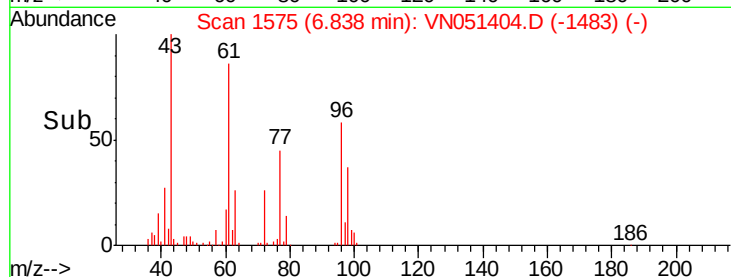
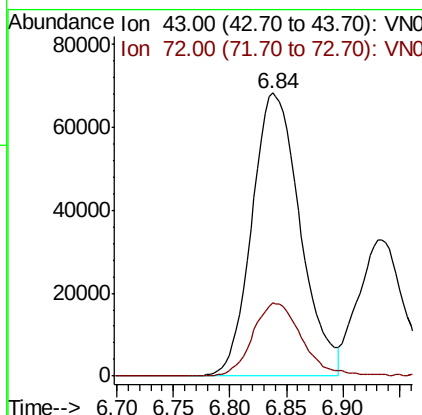
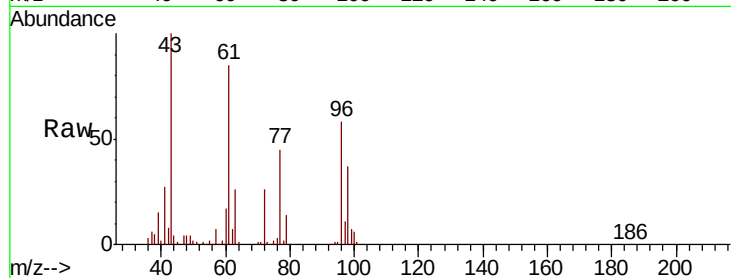




#25
 2-Butanone
 Concen: 93.295 ug/l
 RT: 6.84 min Scan# 1575
 Delta R.T. -0.00 min
 Lab File: VN051404.D
 Acq: 23 Sep 2018 11:31

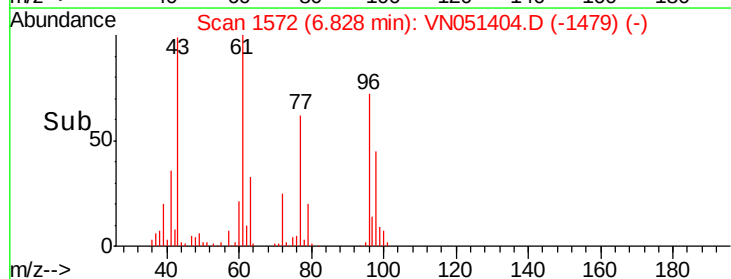
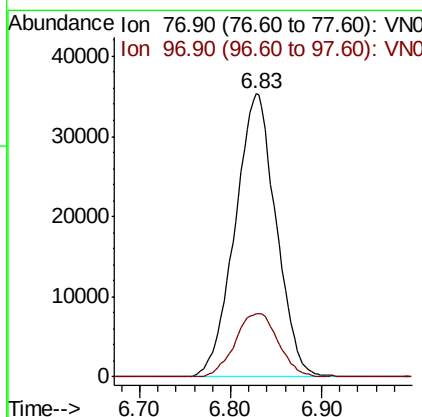
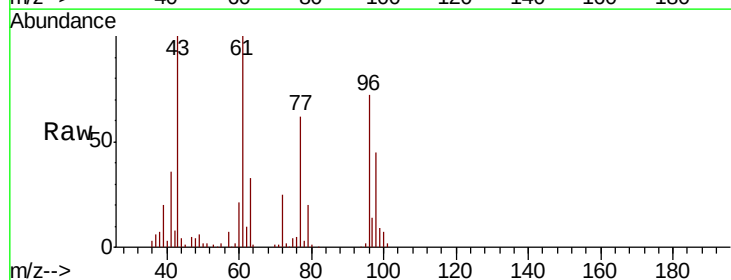
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0923WBSD01

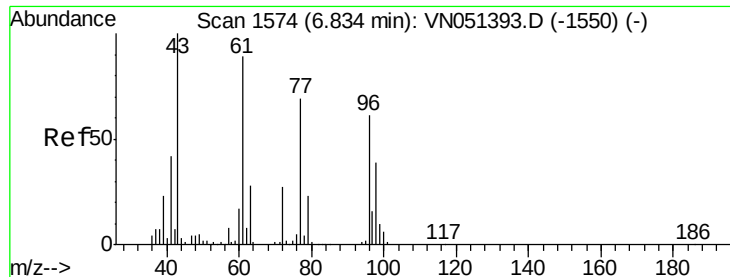
Tgt Ion: 43 Resp: 202267
 Ion Ratio Lower Upper
 43 100
 72 25.8 21.8 32.6



#26
 2,2-Dichloropropane
 Concen: 13.013 ug/l
 RT: 6.83 min Scan# 1572
 Delta R.T. -0.00 min
 Lab File: VN051404.D
 Acq: 23 Sep 2018 11:31

Tgt Ion: 77 Resp: 110587
 Ion Ratio Lower Upper
 77 100
 97 23.5 11.9 35.5





#27

cis-1,2-Dichloroethene

Concen: 19.468 ug/l

RT: 6.83 min Scan# 1573

Delta R.T. -0.00 min

Lab File: VN051404.D

Acq: 23 Sep 2018 11:31

Instrument :

MSVOA_N

ClientSampleId :

VN0923WBSD01

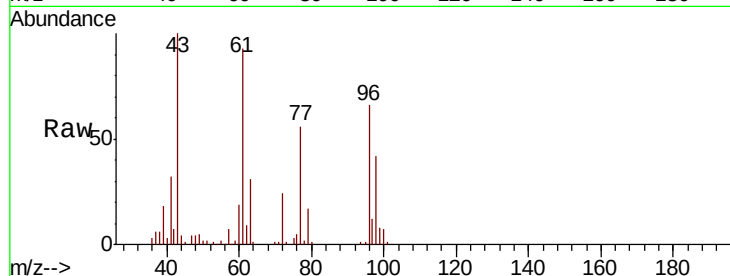
Tgt Ion: 96 Resp: 122941

Ion Ratio Lower Upper

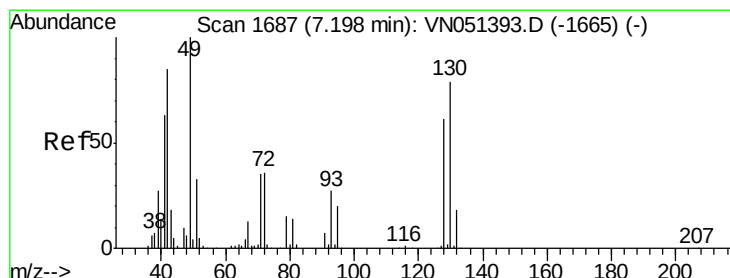
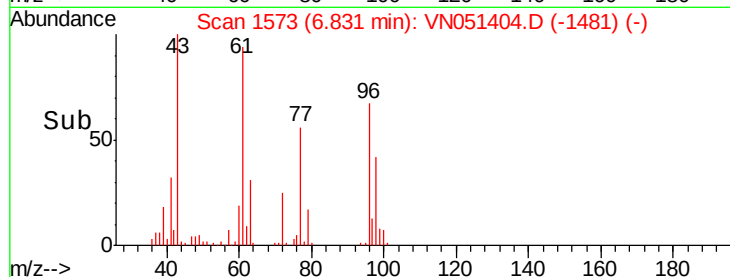
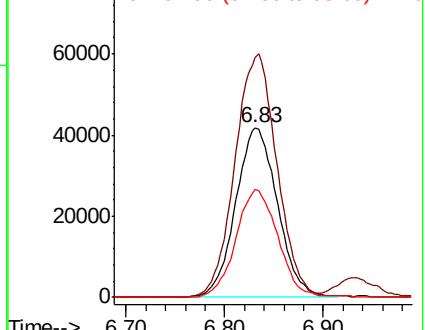
96 100

61 143.8 0.0 291.4

98 63.5 0.0 128.4



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



#28

Bromochloromethane

Concen: 20.118 ug/l

RT: 7.20 min Scan# 1687

Delta R.T. -0.00 min

Lab File: VN051404.D

Acq: 23 Sep 2018 11:31

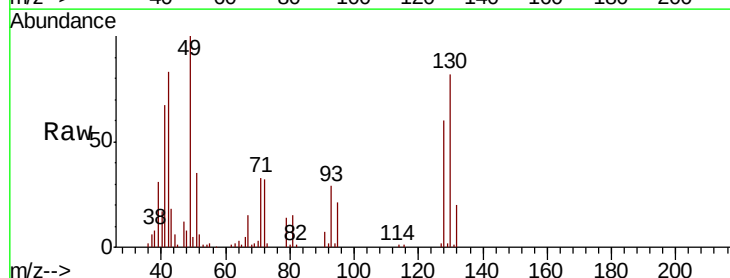
Tgt Ion: 49 Resp: 101138

Ion Ratio Lower Upper

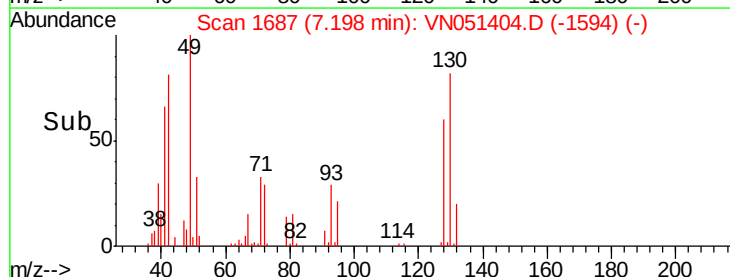
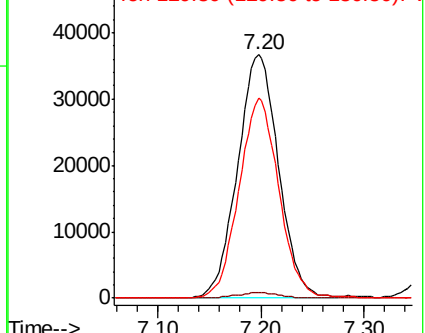
49 100

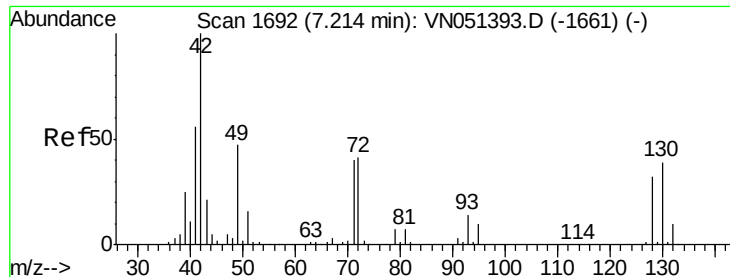
129 2.2 0.0 3.8

130 80.0 63.0 94.4



Abundance Ion 48.90 (48.60 to 49.60): VN0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V

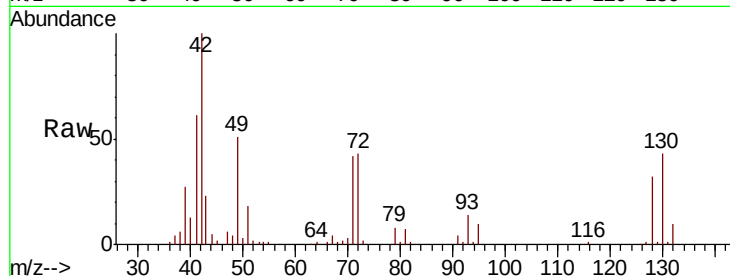




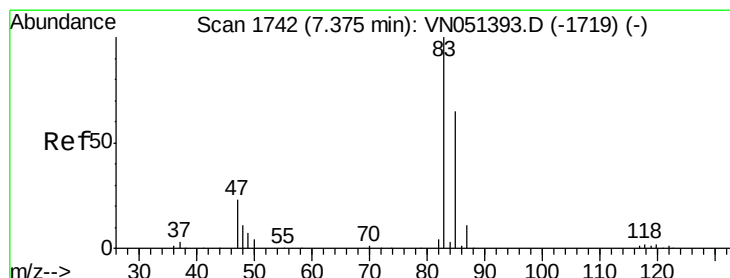
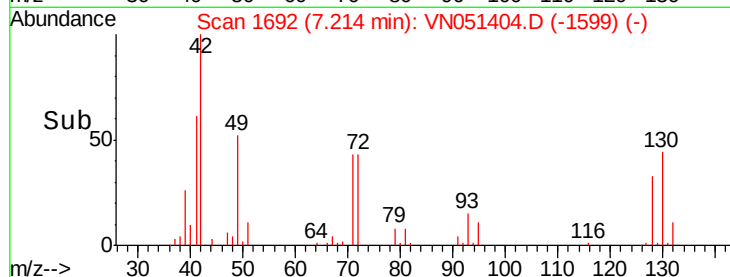
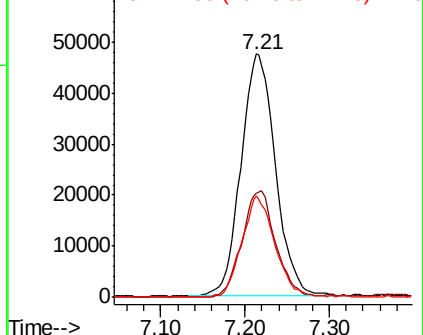
#29
Tetrahydrofuran
Concen: 98.046 ug/l
RT: 7.21 min Scan# 1692
Delta R.T. -0.00 min
Lab File: VN051404.D
Acq: 23 Sep 2018 11:31

Instrument :
MSVOA_N
ClientSampleId :
VN0923WBSD01

Tgt Ion: 42 Resp: 134706
Ion Ratio Lower Upper
42 100
72 42.9 34.3 51.5
71 40.0 32.2 48.4

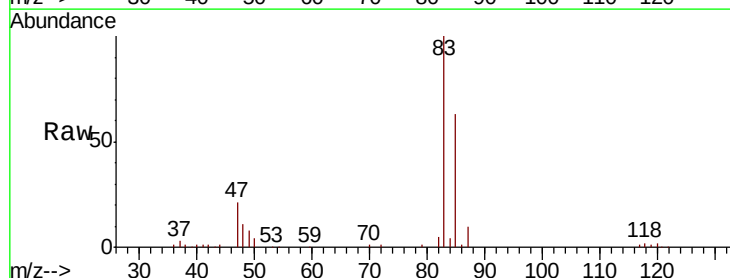


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

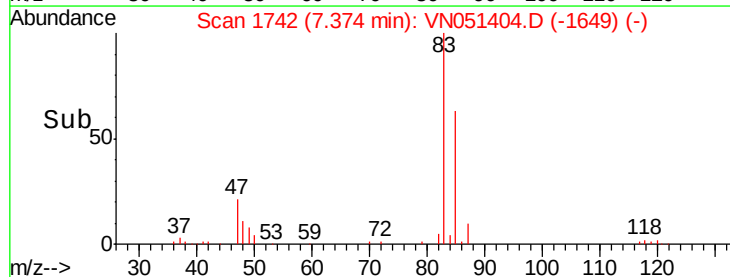
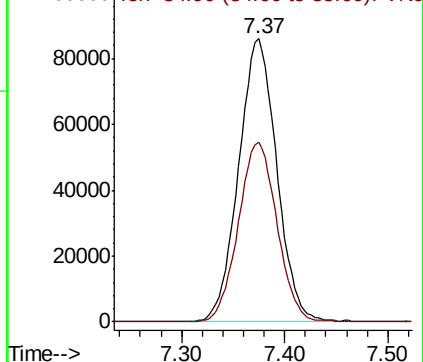


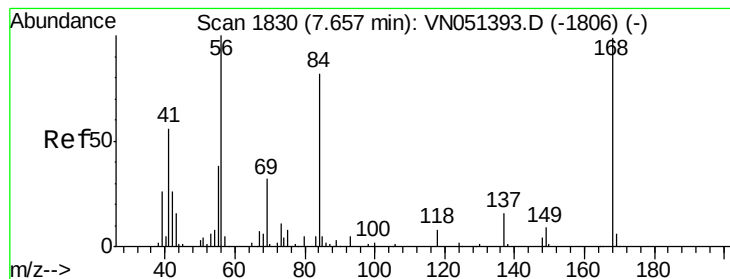
#30
Chloroform
Concen: 20.491 ug/l
RT: 7.37 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VN051404.D
Acq: 23 Sep 2018 11:31

Tgt Ion: 83 Resp: 221034
Ion Ratio Lower Upper
83 100
85 63.4 51.8 77.6



Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0





#31

Cyclohexane

Concen: 18.792 ug/l

RT: 7.66 min Scan# 1830

Delta R.T. -0.00 min

Lab File: VN051404.D

Acq: 23 Sep 2018 11:31

Instrument :

MSVOA_N

ClientSampleId :

VN0923WBSD01

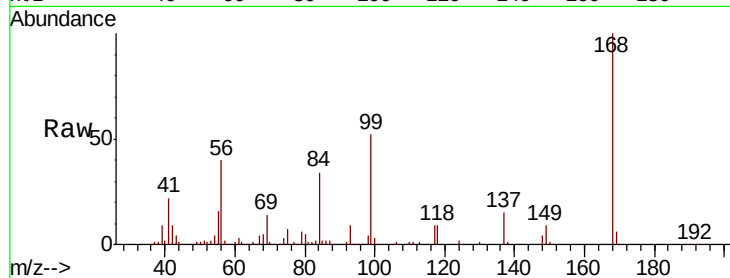
Tgt Ion: 56 Resp: 187433

Ion Ratio Lower Upper

56 100

69 34.8 25.8 38.6

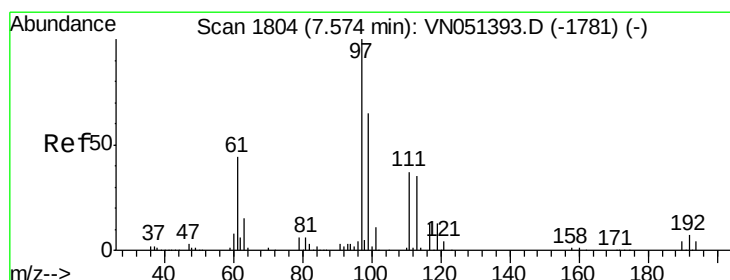
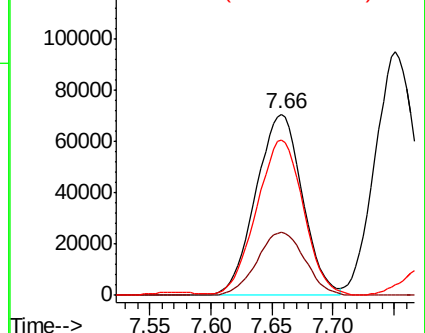
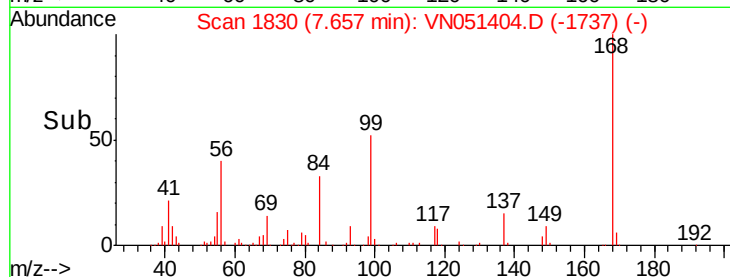
84 84.5 66.0 99.0



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: 20.476 ug/l

RT: 7.57 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VN051404.D

Acq: 23 Sep 2018 11:31

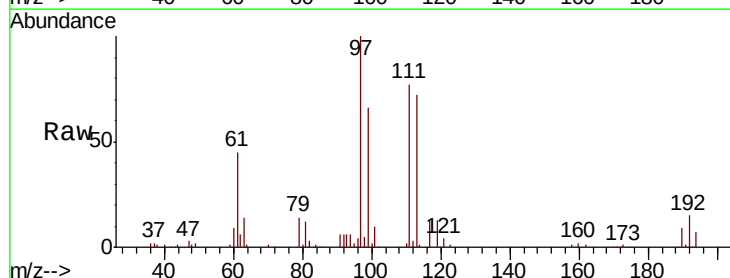
Tgt Ion: 97 Resp: 188829

Ion Ratio Lower Upper

97 100

99 64.2 51.4 77.0

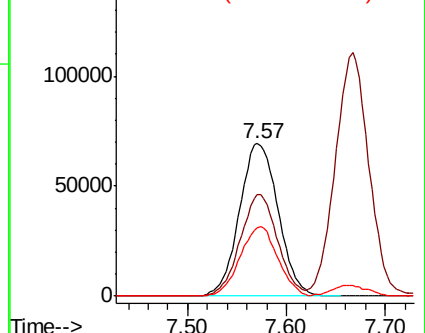
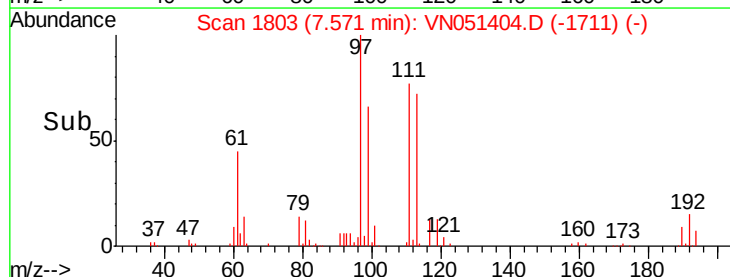
61 44.3 35.8 53.8

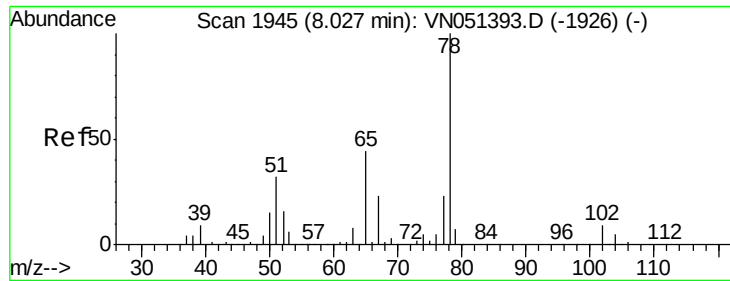


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 98.90 (98.60 to 99.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

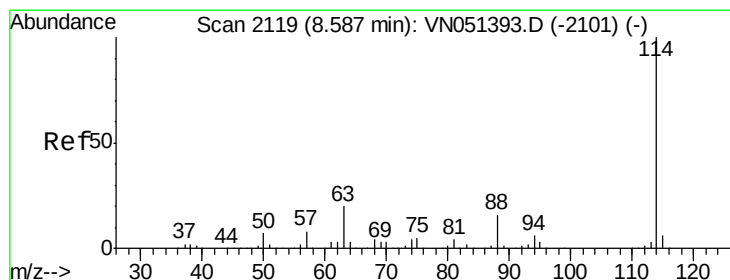
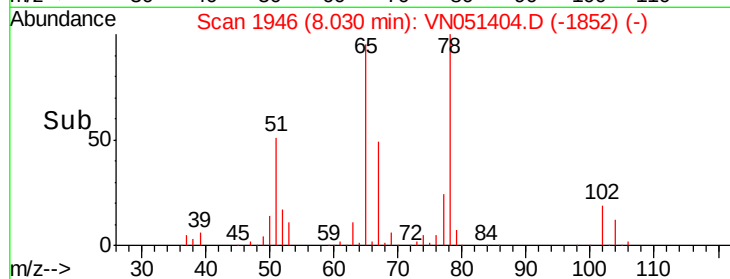
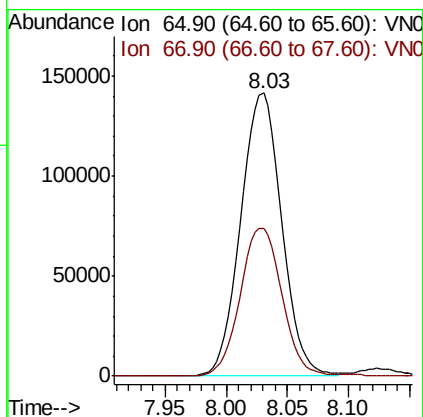
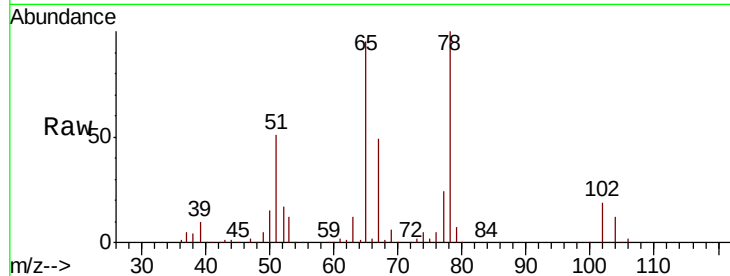




#33
 1,2-Dichloroethane-d4
 Concen: 51.902 ug/l
 RT: 8.03 min Scan# 1946
 Delta R.T. 0.00 min
 Lab File: VN051404.D
 Acq: 23 Sep 2018 11:31

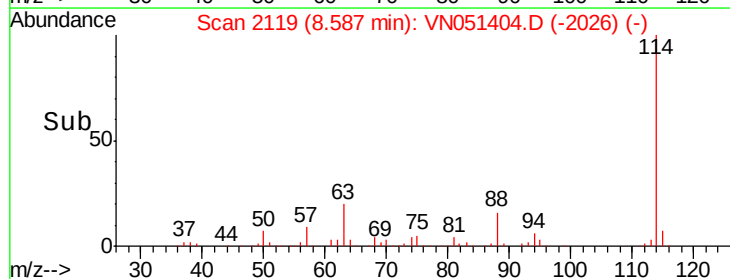
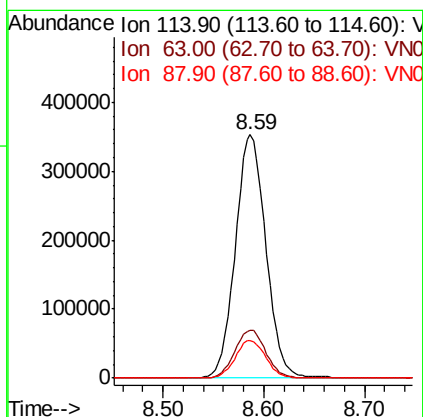
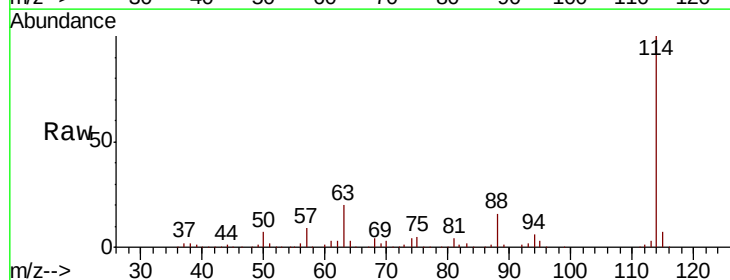
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0923WBSD01

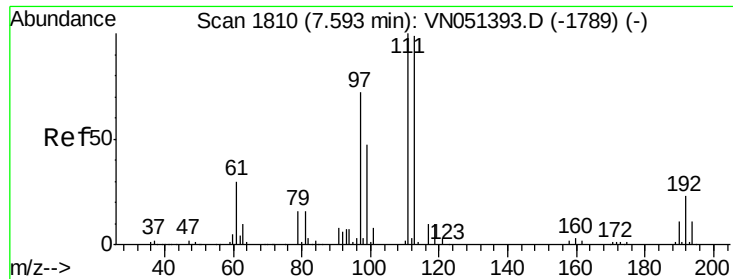
Tgt Ion: 65 Resp: 328755
 Ion Ratio Lower Upper
 65 100
 67 53.3 0.0 107.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN051404.D
 Acq: 23 Sep 2018 11:31

Tgt Ion: 114 Resp: 741053
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 40.2
 88 15.6 0.0 31.4

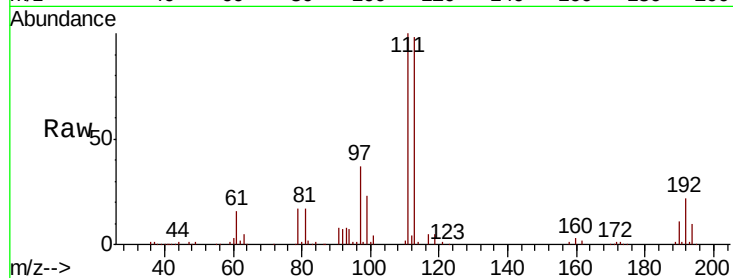




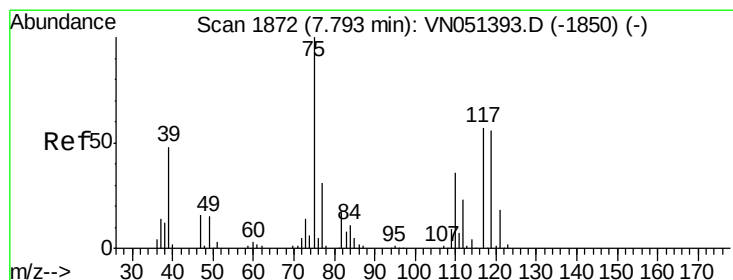
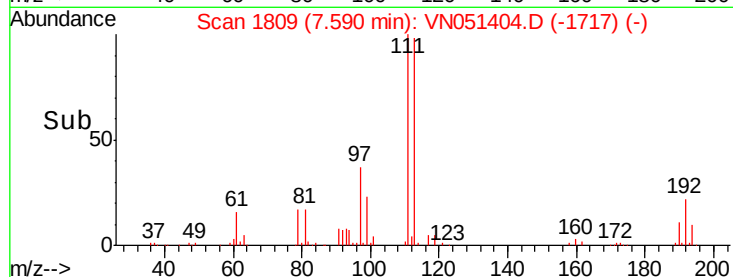
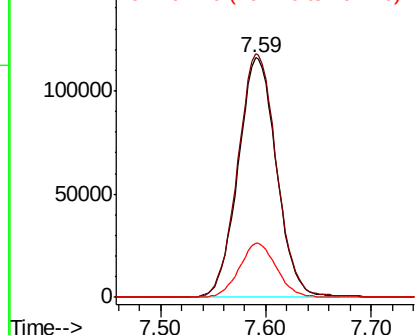
#35
 Dibromofluoromethane
 Concen: 49.470 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: VN051404.D
 Acq: 23 Sep 2018 11:31

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0923WBSD01

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.9	82.6	123.8
192	21.9	18.0	27.0

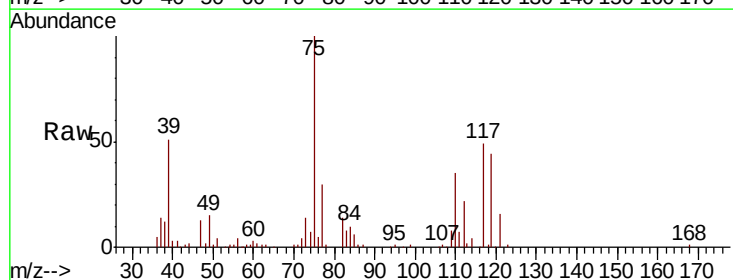


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

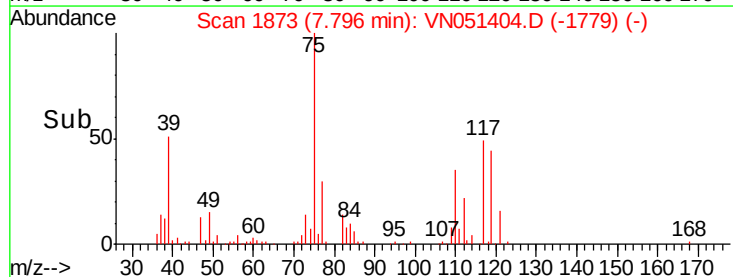
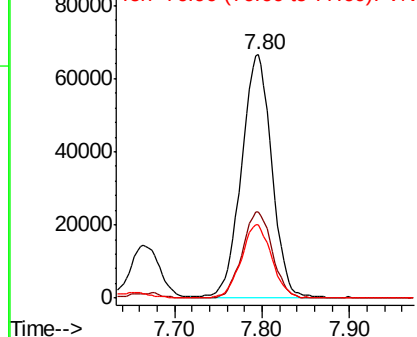


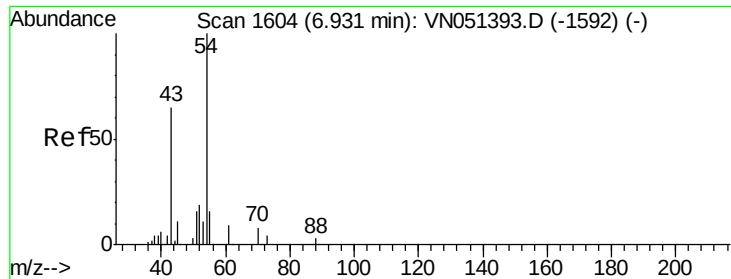
#36
 1,1-Dichloropropene
 Concen: 18.648 ug/l
 RT: 7.80 min Scan# 1873
 Delta R.T. 0.00 min
 Lab File: VN051404.D
 Acq: 23 Sep 2018 11:31

Tgt Ion	Ratio	Lower	Upper
75	100		
110	34.9	18.1	54.3
77	30.6	25.6	38.4



Abundance Ion 74.90 (74.60 to 75.60): V
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): V

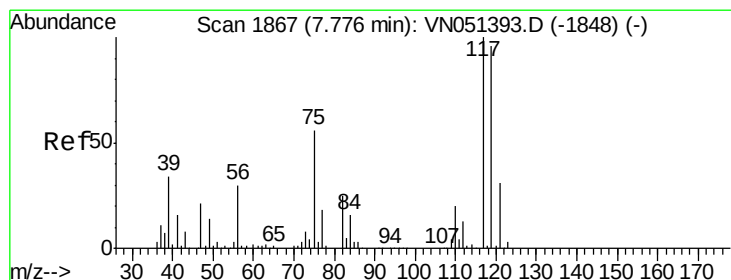
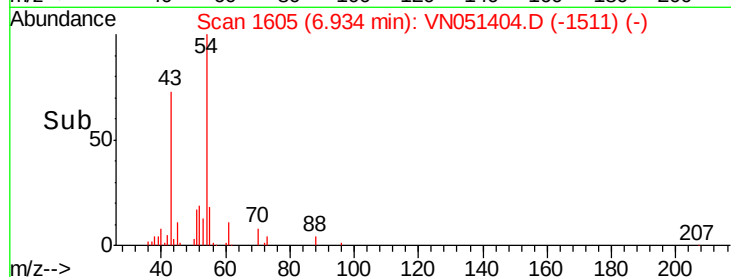
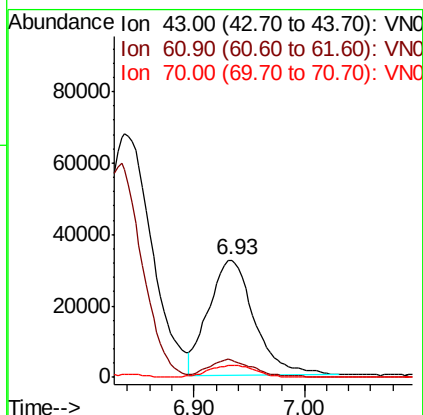
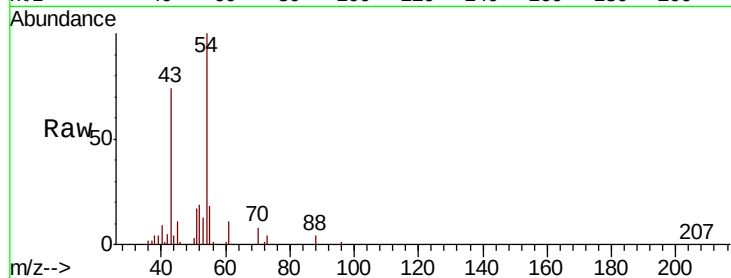




#37
Ethyl Acetate
 Concen: 18.963 ug/l
 RT: 6.93 min Scan# 1605
 Delta R.T. 0.00 min
 Lab File: VN051404.D
 Acq: 23 Sep 2018 11:31

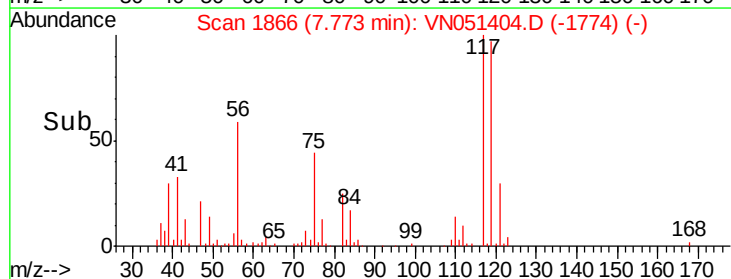
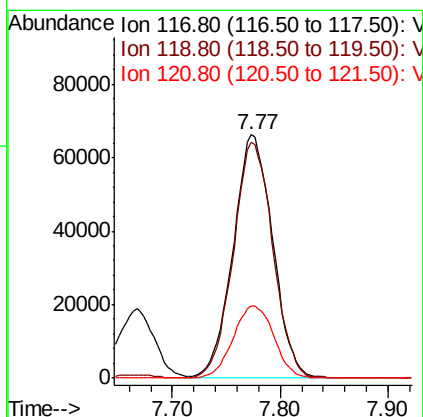
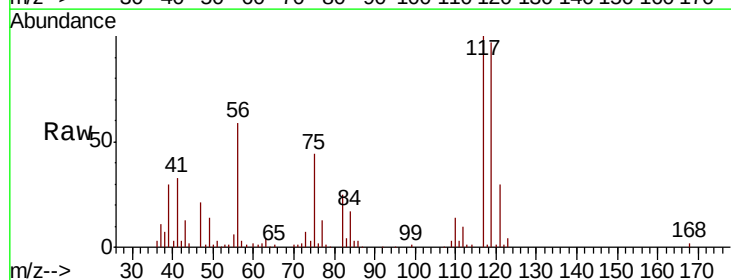
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0923WBSD01

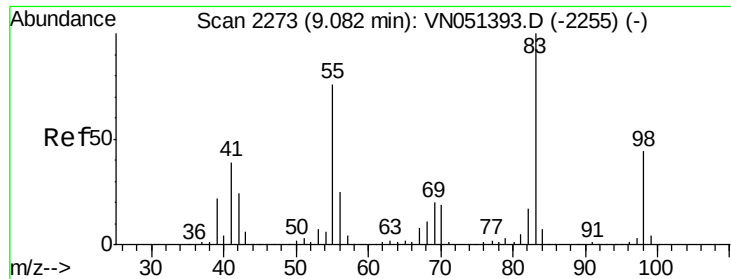
Tgt Ion: 43 Resp: 93564
 Ion Ratio Lower Upper
 43 100
 61 13.2 11.5 17.3
 70 10.8 7.9 11.9



#38
Carbon Tetrachloride
 Concen: 18.881 ug/l
 RT: 7.77 min Scan# 1866
 Delta R.T. -0.00 min
 Lab File: VN051404.D
 Acq: 23 Sep 2018 11:31

Tgt Ion: 117 Resp: 169470
 Ion Ratio Lower Upper
 117 100
 119 97.1 76.9 115.3
 121 29.7 24.6 37.0

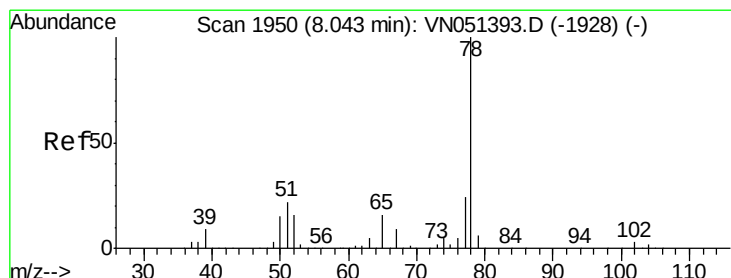
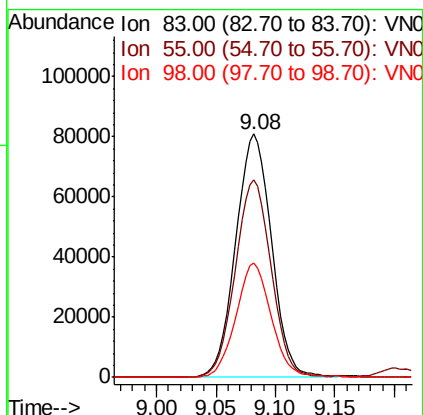
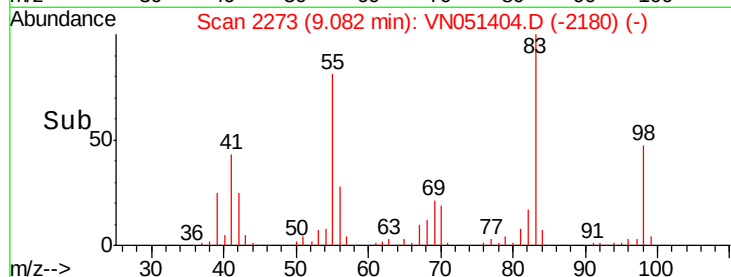
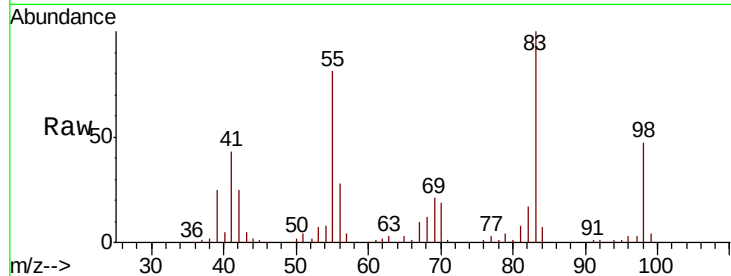




#39
Methylcyclohexane
Concen: 16.865 ug/l
RT: 9.08 min Scan# 2273
Delta R.T. -0.00 min
Lab File: VN051404.D
Acq: 23 Sep 2018 11:31

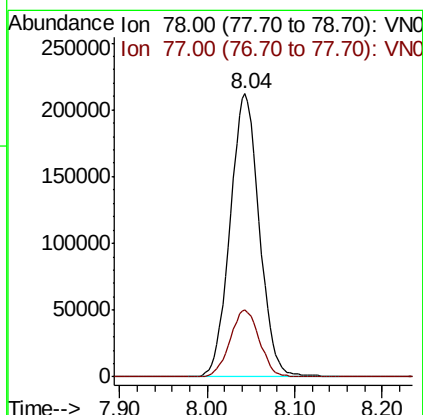
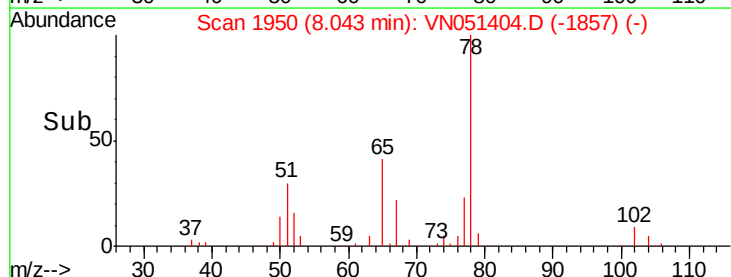
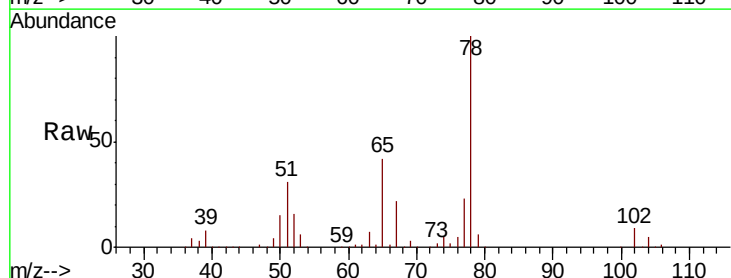
Instrument :
MSVOA_N
ClientSampled :
VN0923WBSD01

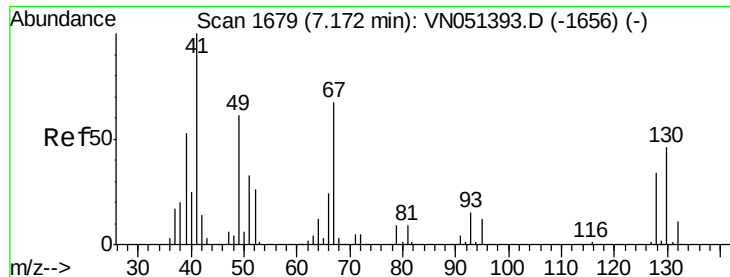
Tgt Ion: 83 Resp: 169185
Ion Ratio Lower Upper
83 100
55 81.2 61.0 91.4
98 46.7 35.6 53.4



#40
Benzene
Concen: 19.505 ug/l
RT: 8.04 min Scan# 1950
Delta R.T. -0.00 min
Lab File: VN051404.D
Acq: 23 Sep 2018 11:31

Tgt Ion: 78 Resp: 491474
Ion Ratio Lower Upper
78 100
77 23.5 19.2 28.8

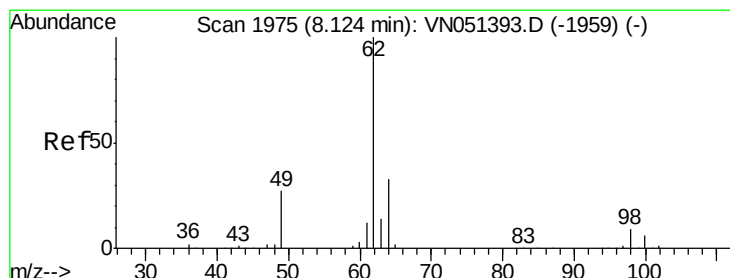
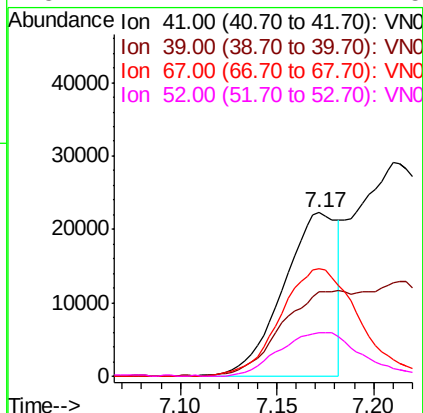
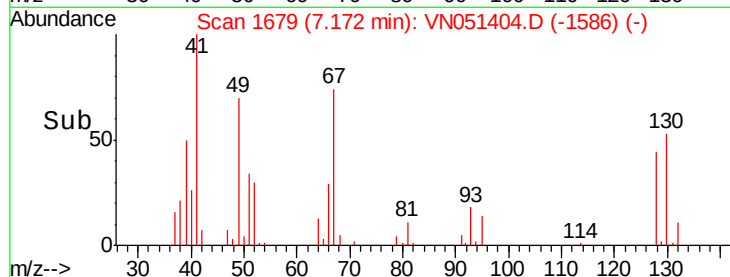
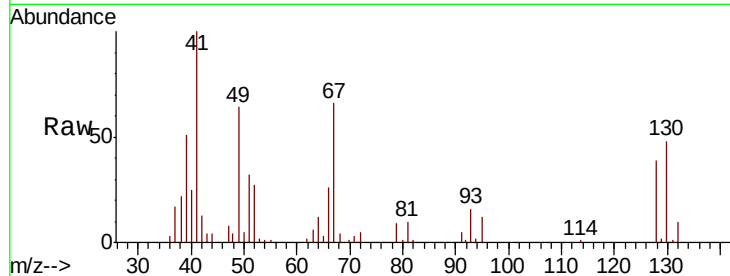




#41
Methacrylonitrile
Concen: 15.926 ug/l
RT: 7.17 min Scan# 1679
Delta R.T. -0.00 min
Lab File: VN051404.D
Acq: 23 Sep 2018 11:31

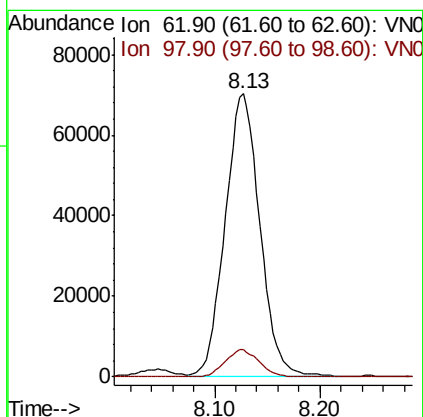
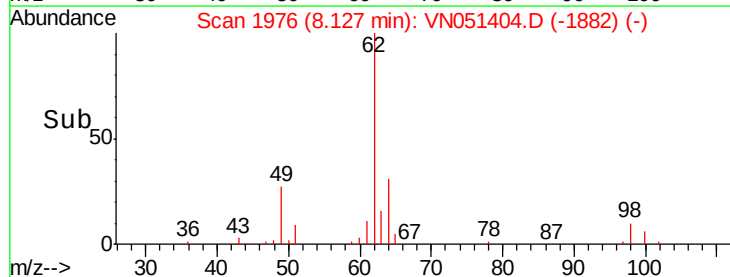
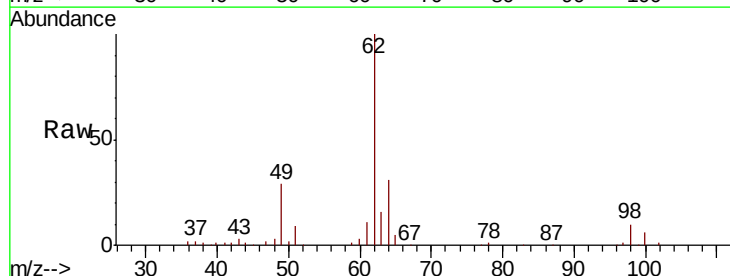
Instrument :
MSVOA_N
ClientSampleId :
VN0923WBSD01

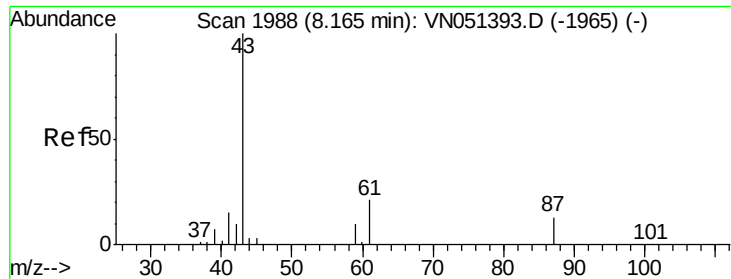
Tgt Ion: 41 Resp: 43475
Ion Ratio Lower Upper
41 100
39 64.4 51.4 77.2
67 96.7 66.8 100.2
52 41.1 27.7 41.5



#42
1,2-Dichloroethane
Concen: 19.740 ug/l
RT: 8.13 min Scan# 1976
Delta R.T. 0.00 min
Lab File: VN051404.D
Acq: 23 Sep 2018 11:31

Tgt Ion: 62 Resp: 159266
Ion Ratio Lower Upper
62 100
98 9.5 0.0 18.6





#43

Isopropyl Acetate

Concen: 18.763 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. -0.00 min

Lab File: VN051404.D

Acq: 23 Sep 2018 11:31

Instrument :

MSVOA_N

ClientSampleId :

VN0923WBSD01

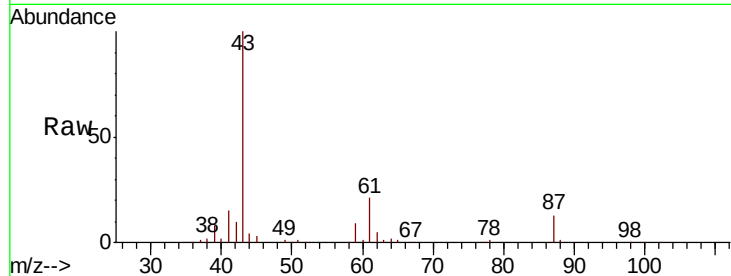
Tgt Ion: 43 Resp: 167406

Ion Ratio Lower Upper

43 100

61 30.5 16.8 25.2#

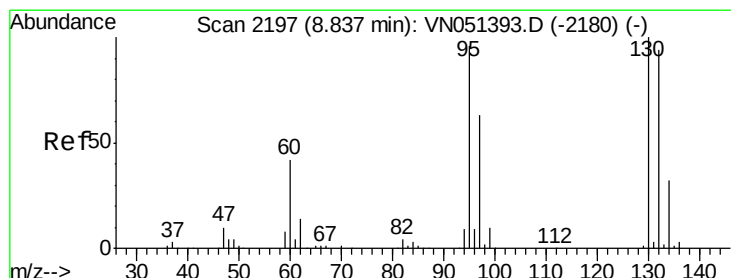
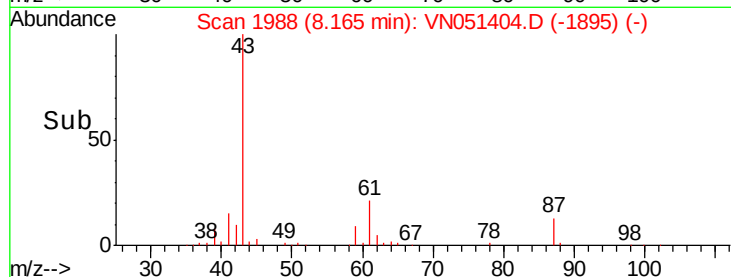
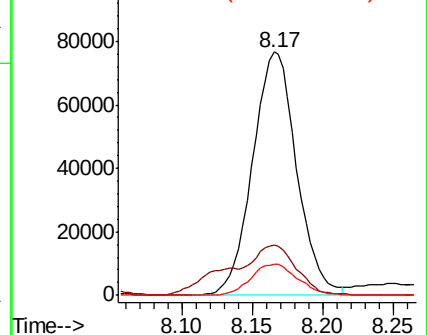
87 13.5 10.7 16.1



Abundance Ion 43.00 (42.70 to 43.70): VN051404.D (-1965) (-)

Ion 61.00 (60.70 to 61.70): VN051404.D (-1965) (-)

Ion 87.00 (86.70 to 87.70): VN051404.D (-1965) (-)



#44

Trichloroethene

Concen: 18.844 ug/l

RT: 8.84 min Scan# 2197

Delta R.T. -0.00 min

Lab File: VN051404.D

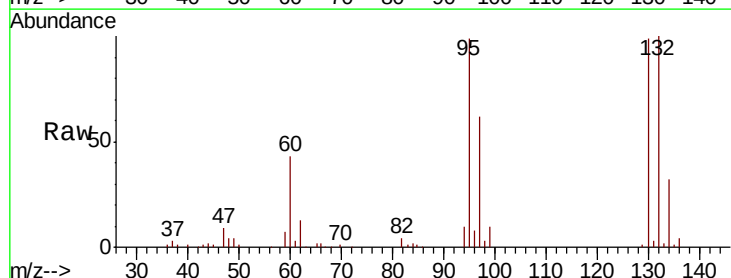
Acq: 23 Sep 2018 11:31

Tgt Ion: 130 Resp: 126117

Ion Ratio Lower Upper

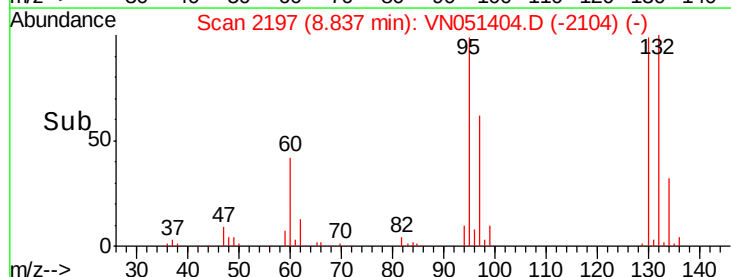
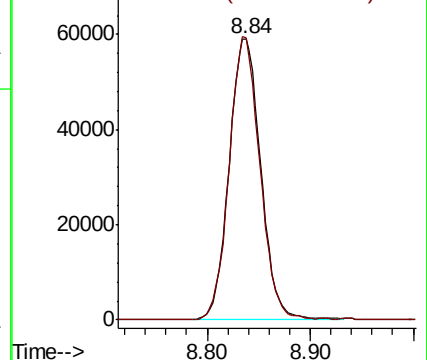
130 100

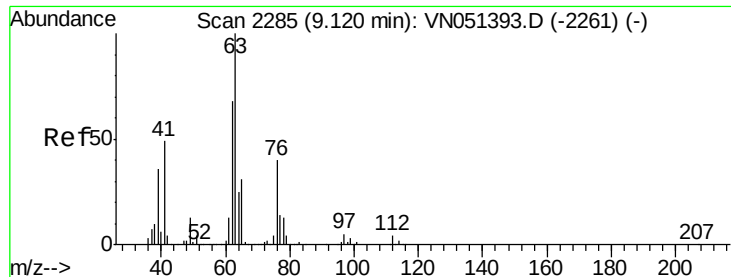
95 100.3 0.0 192.2



Abundance Ion 129.80 (129.50 to 130.50): VN051404.D (-2180) (-)

Ion 94.90 (94.60 to 95.60): VN051404.D (-2180) (-)





#45

1,2-Dichloropropane

Concen: 19.723 ug/l

RT: 9.12 min Scan# 2285

Delta R.T. -0.00 min

Lab File: VN051404.D

Acq: 23 Sep 2018 11:31

Instrument :

MSVOA_N

ClientSampled :

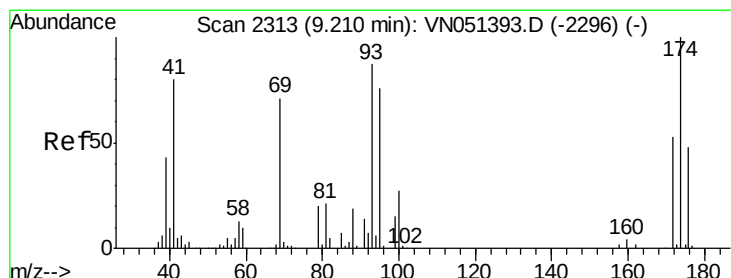
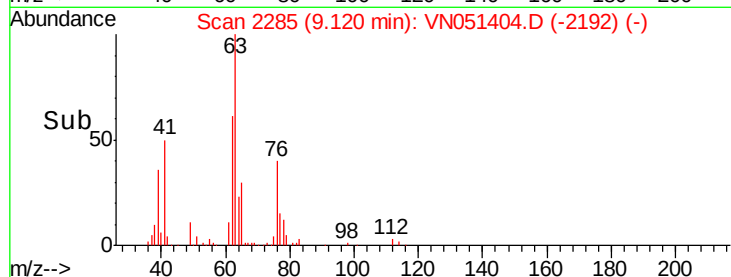
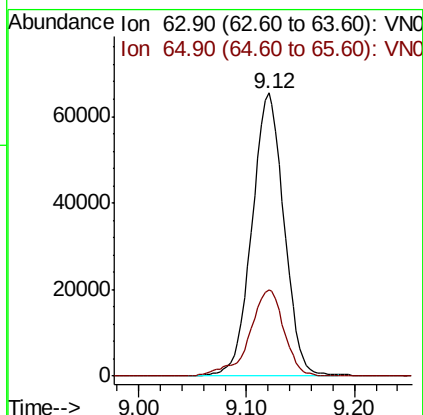
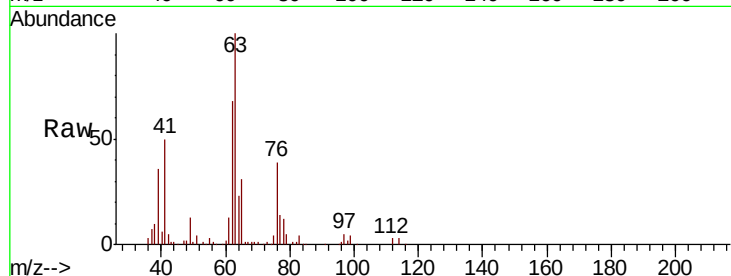
VN0923WBSD01

Tgt Ion: 63 Resp: 135092

Ion Ratio Lower Upper

63 100

65 30.7 24.9 37.3



#46

Dibromomethane

Concen: 19.799 ug/l

RT: 9.21 min Scan# 2313

Delta R.T. -0.00 min

Lab File: VN051404.D

Acq: 23 Sep 2018 11:31

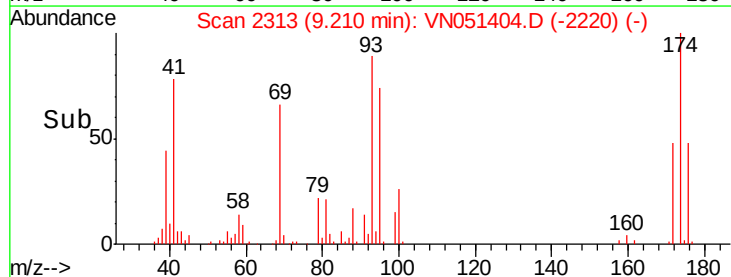
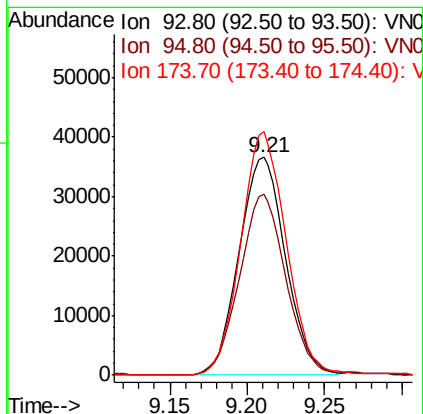
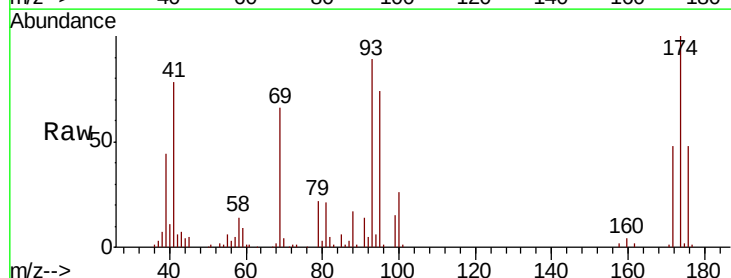
Tgt Ion: 93 Resp: 76624

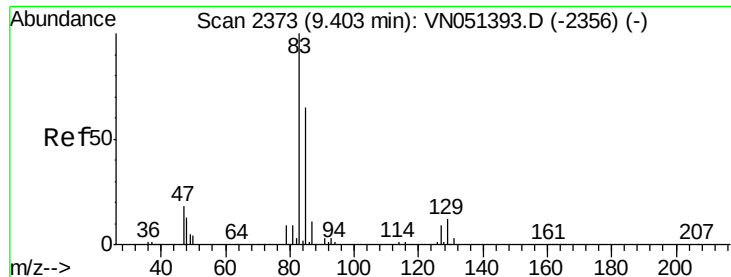
Ion Ratio Lower Upper

93 100

95 82.4 67.6 101.4

174 109.3 89.6 134.4





#47

Bromodichloromethane

Concen: 19.381 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. -0.00 min

Lab File: VN051404.D

Acq: 23 Sep 2018 11:31

Instrument :

MSVOA_N

ClientSampled :

VN0923WBSD01

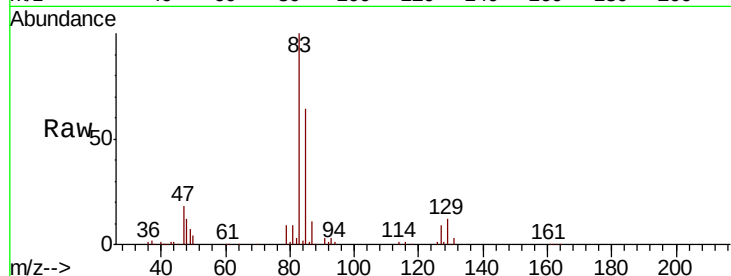
Tgt Ion: 83 Resp: 165987

Ion Ratio Lower Upper

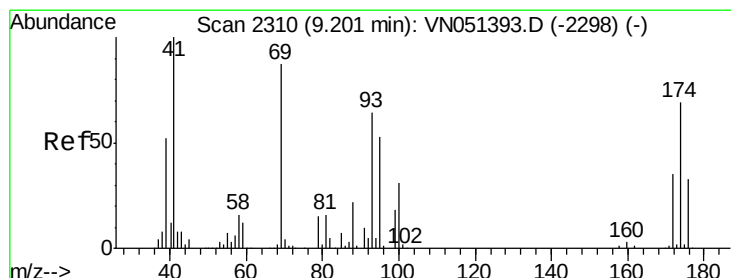
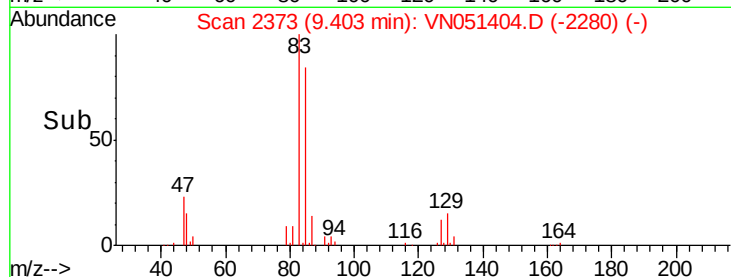
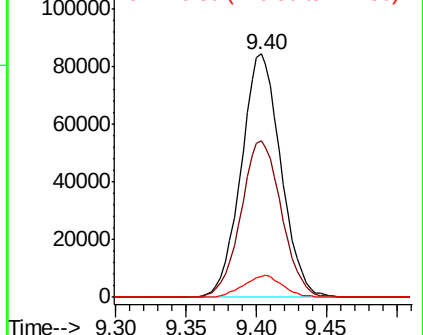
83 100

85 64.2 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): V



#48

Methyl methacrylate

Concen: 18.910 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. -0.00 min

Lab File: VN051404.D

Acq: 23 Sep 2018 11:31

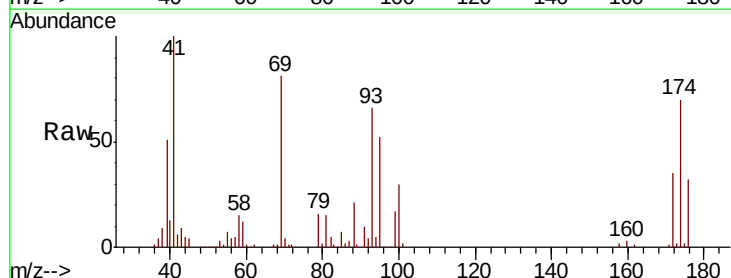
Tgt Ion: 41 Resp: 84117

Ion Ratio Lower Upper

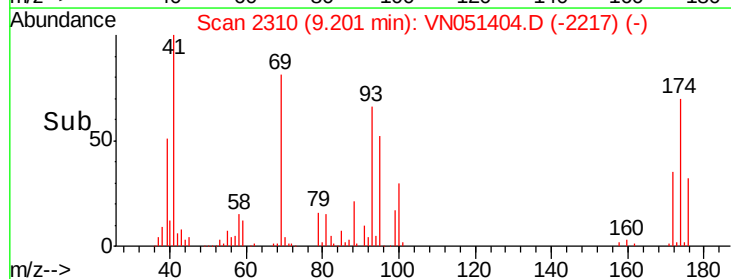
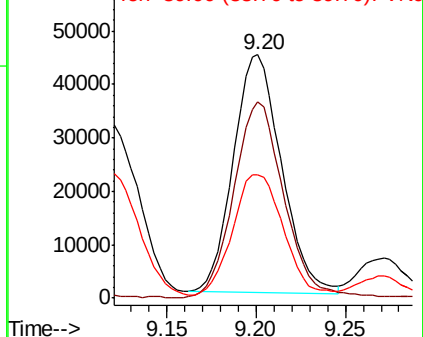
41 100

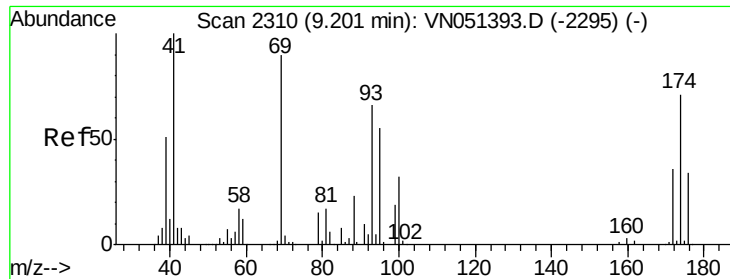
69 86.1 70.4 105.6

39 54.0 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: 374.019 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. -0.00 min

Lab File: VN051404.D

Acq: 23 Sep 2018 11:31

Instrument :

MSVOA_N

ClientSampled :

VN0923WBSD01

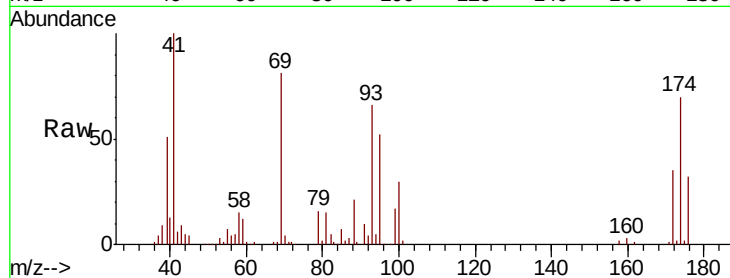
Tgt Ion: 88 Resp: 20390

Ion Ratio Lower Upper

88 100

43 34.7 25.9 38.9

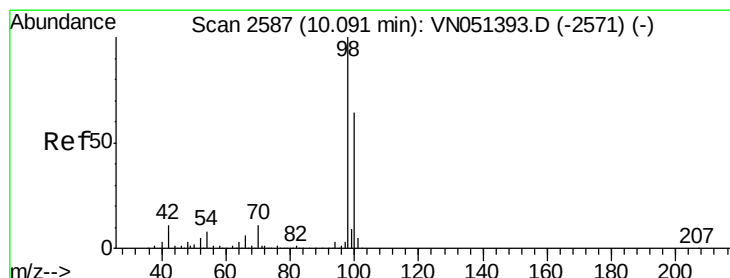
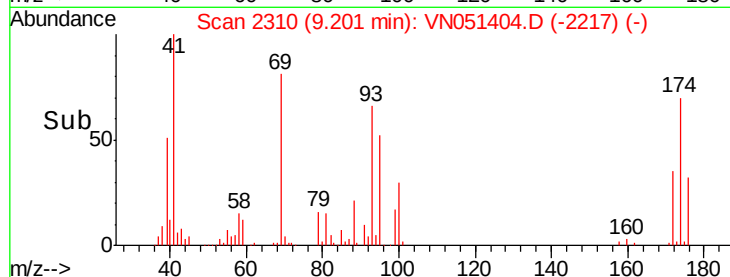
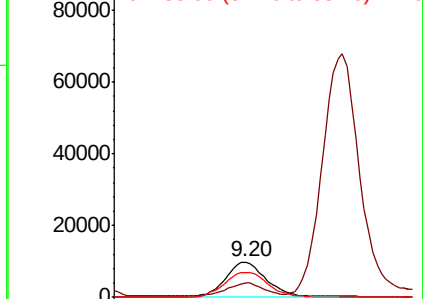
58 76.5 57.0 85.4



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: 48.700 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN051404.D

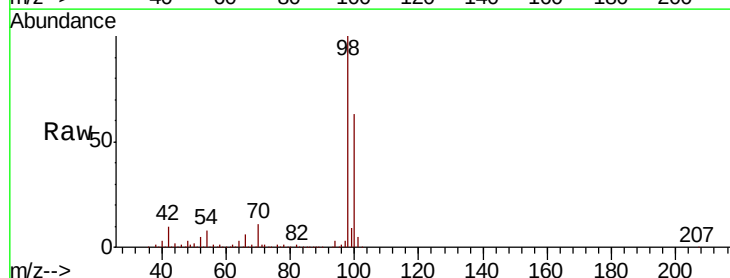
Acq: 23 Sep 2018 11:31

Tgt Ion: 98 Resp: 1086729

Ion Ratio Lower Upper

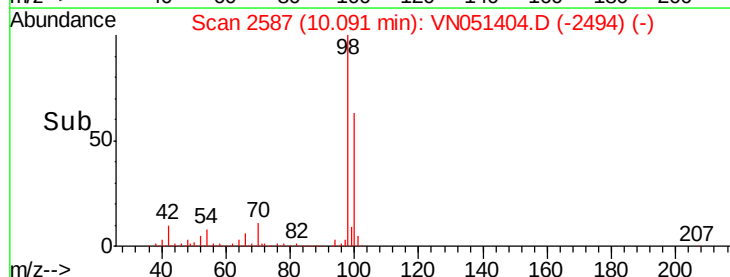
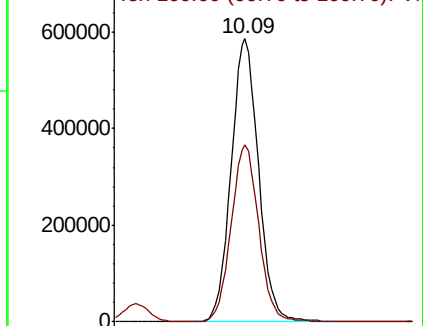
98 100

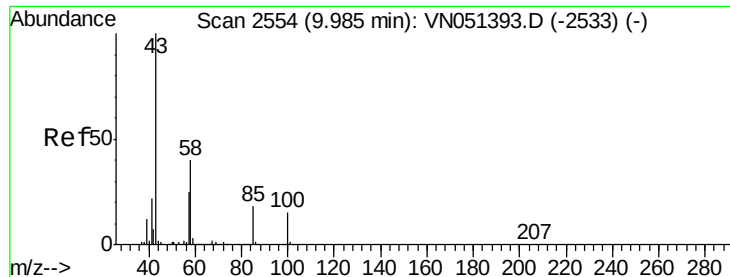
100 62.6 50.6 75.8



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0

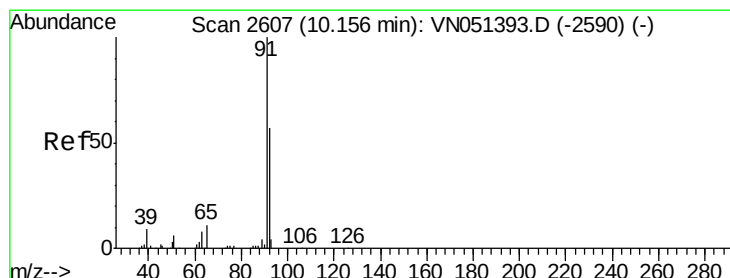
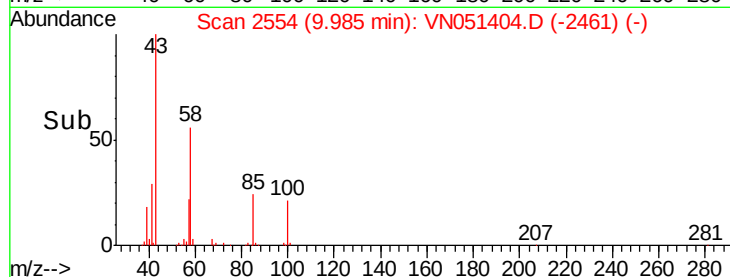
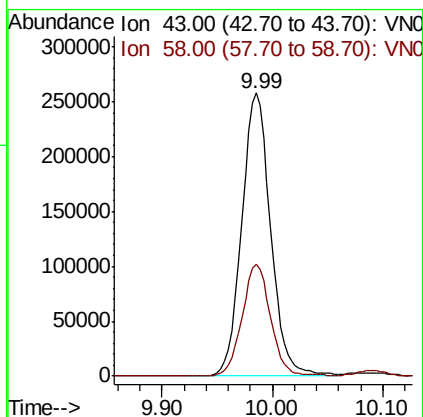
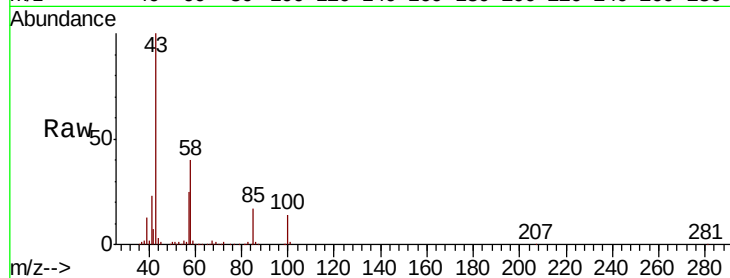




#51
 4-Methyl-2-Pentanone
 Concen: 95.116 ug/l
 RT: 9.99 min Scan# 2554
 Delta R.T. -0.00 min
 Lab File: VN051404.D
 Acq: 23 Sep 2018 11:31

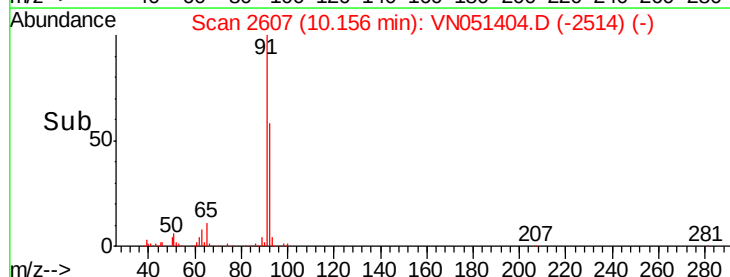
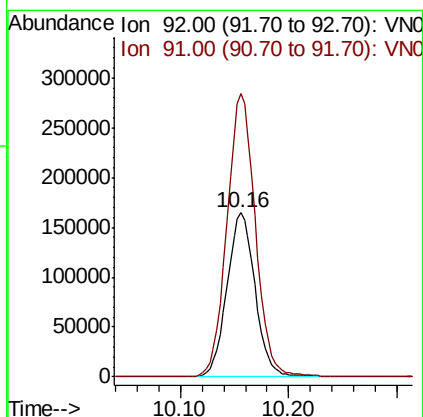
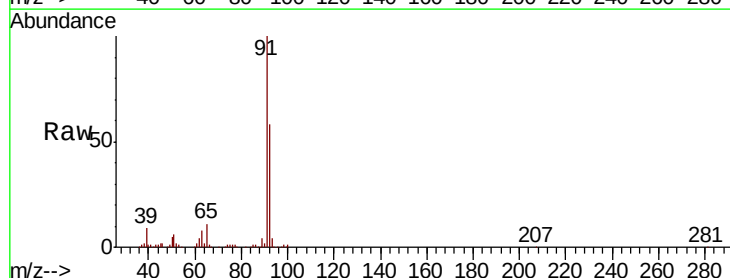
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0923WBSD01

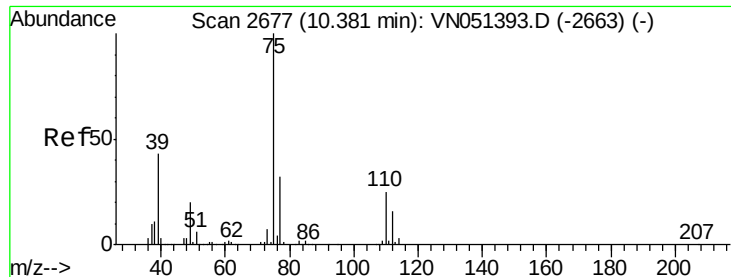
Tgt Ion: 43 Resp: 466717
 Ion Ratio Lower Upper
 43 100
 58 39.0 31.5 47.3



#52
 Toluene
 Concen: 19.153 ug/l
 RT: 10.16 min Scan# 2607
 Delta R.T. -0.00 min
 Lab File: VN051404.D
 Acq: 23 Sep 2018 11:31

Tgt Ion: 92 Resp: 299921
 Ion Ratio Lower Upper
 92 100
 91 174.2 142.2 213.4





#53

t-1,3-Dichloropropene

Concen: 17.196 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. -0.00 min

Lab File: VN051404.D

Acq: 23 Sep 2018 11:31

Instrument :

MSVOA_N

ClientSampled :

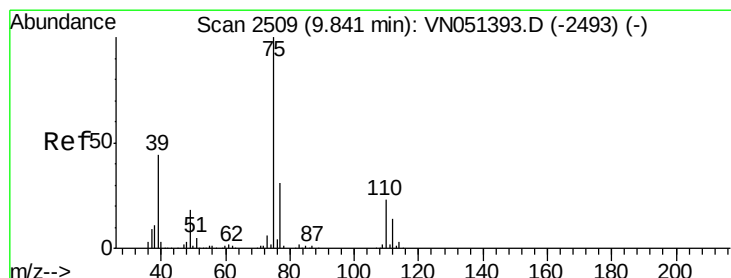
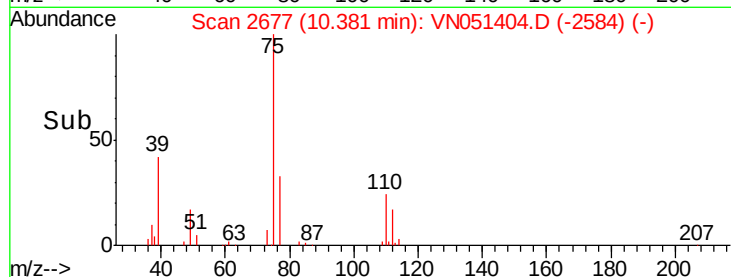
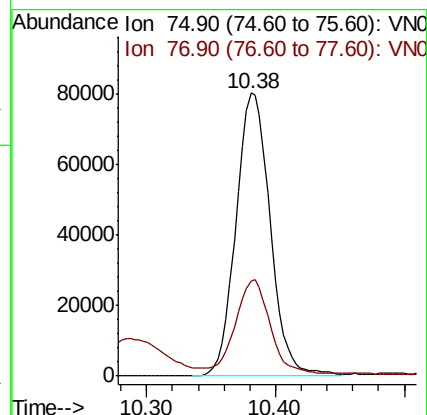
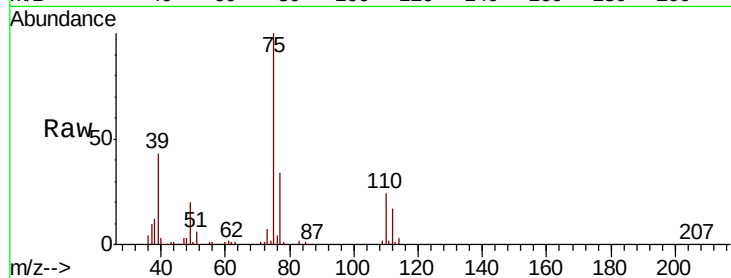
VN0923WBSD01

Tgt Ion: 75 Resp: 148681

Ion Ratio Lower Upper

75 100

77 32.7 25.8 38.8



#54

cis-1,3-Dichloropropene

Concen: 17.471 ug/l

RT: 9.84 min Scan# 2509

Delta R.T. -0.00 min

Lab File: VN051404.D

Acq: 23 Sep 2018 11:31

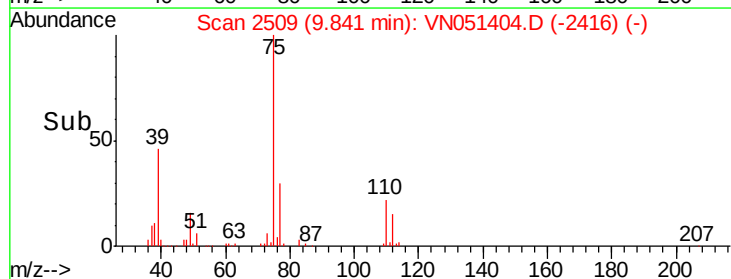
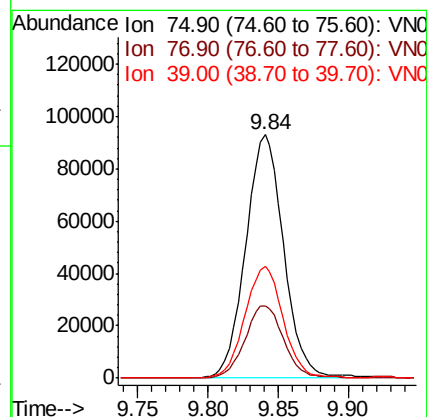
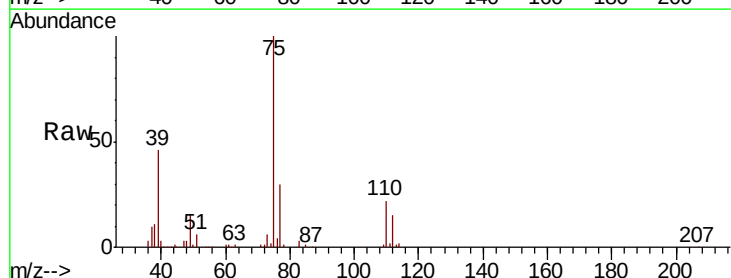
Tgt Ion: 75 Resp: 175184

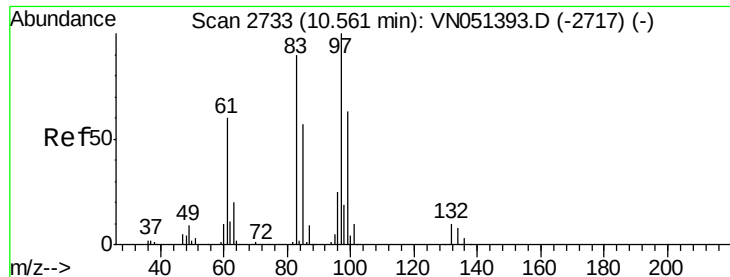
Ion Ratio Lower Upper

75 100

77 29.9 25.2 37.8

39 45.8 35.4 53.2





#55

1,1,2-Trichloroethane

Concen: 20.058 ug/l

RT: 10.56 min Scan# 2734

Delta R.T. 0.00 min

Lab File: VN051404.D

Acq: 23 Sep 2018 11:31

Instrument :

MSVOA_N

ClientSampleId :

VN0923WBSD01

Tgt Ion: 97 Resp: 111005

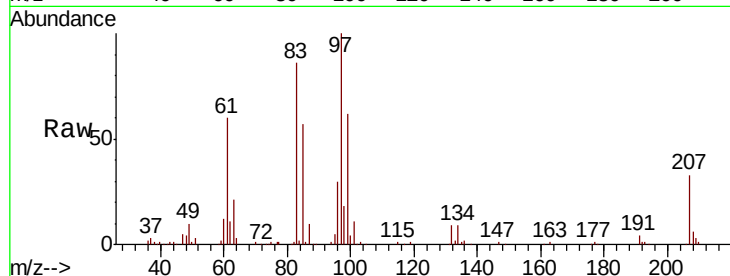
Ion Ratio Lower Upper

97 100

83 86.3 72.0 108.0

85 56.9 45.2 67.8

99 62.1 50.7 76.1

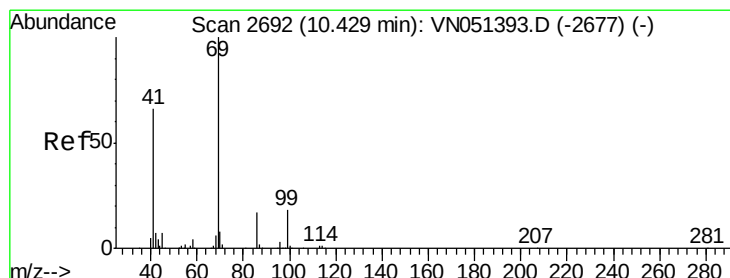
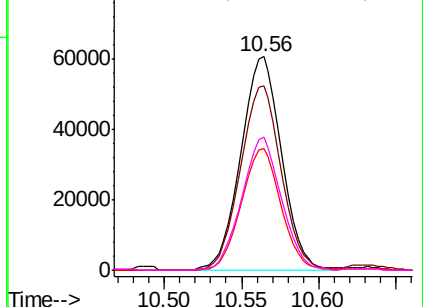
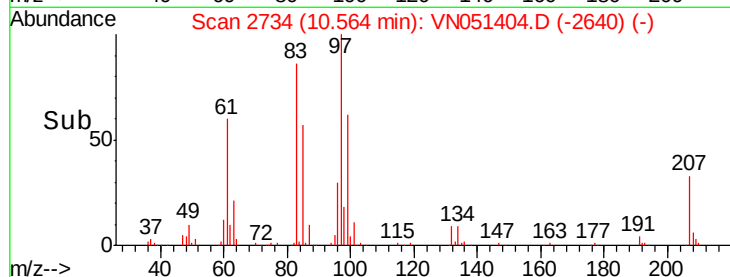


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



#56

Ethyl methacrylate

Concen: 18.874 ug/l

RT: 10.43 min Scan# 2692

Delta R.T. -0.00 min

Lab File: VN051404.D

Acq: 23 Sep 2018 11:31

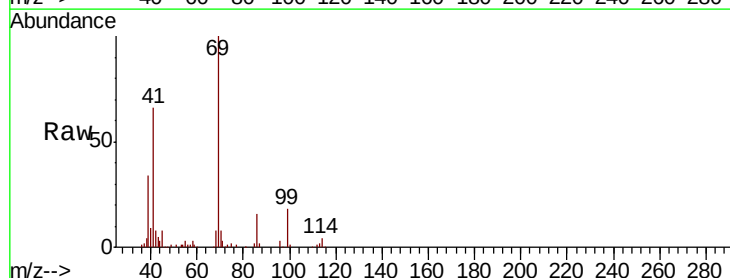
Tgt Ion: 69 Resp: 127708

Ion Ratio Lower Upper

69 100

41 65.5 52.4 78.6

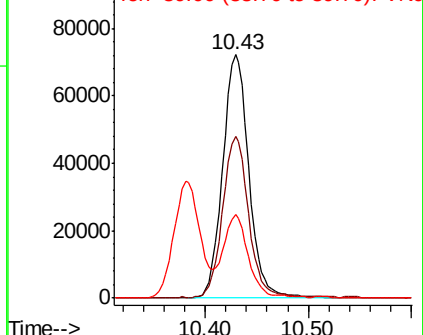
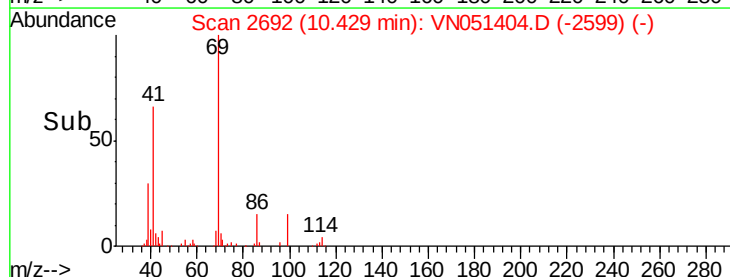
39 33.1 26.3 39.5

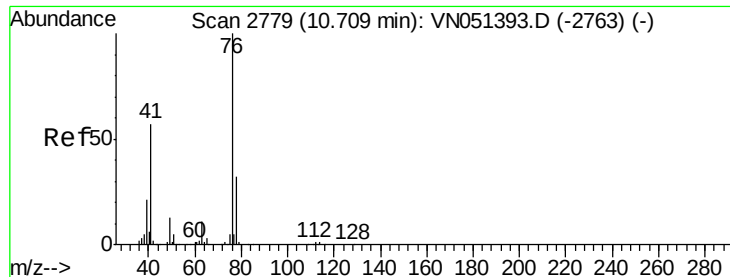


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#57

1,3-Dichloropropane

Concen: 19.281 ug/l

RT: 10.71 min Scan# 2779

Delta R.T. -0.00 min

Lab File: VN051404.D

Acq: 23 Sep 2018 11:31

Instrument :

MSVOA_N

ClientSampleId :

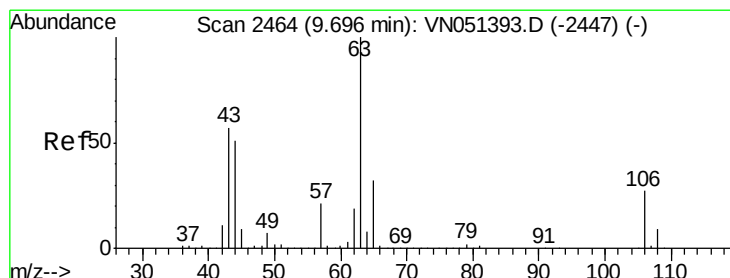
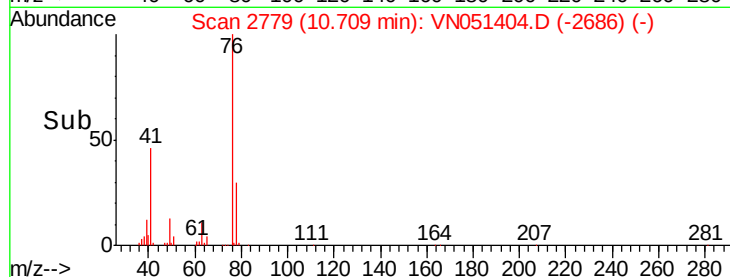
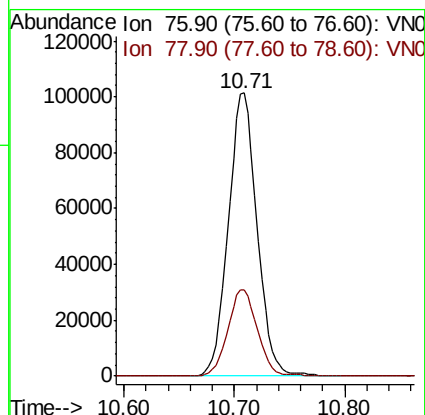
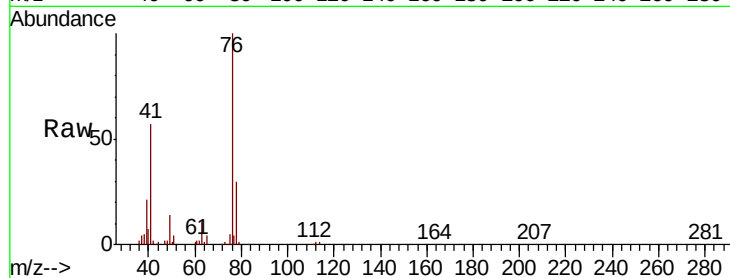
VN0923WBSD01

Tgt Ion: 76 Resp: 182891

Ion Ratio Lower Upper

76 100

78 31.5 25.5 38.3



#58

2-Chloroethyl Vinyl ether

Concen: 97.966 ug/l

RT: 9.70 min Scan# 2464

Delta R.T. 0.00 min

Lab File: VN051404.D

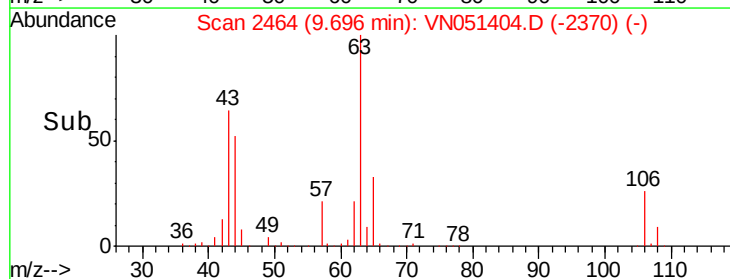
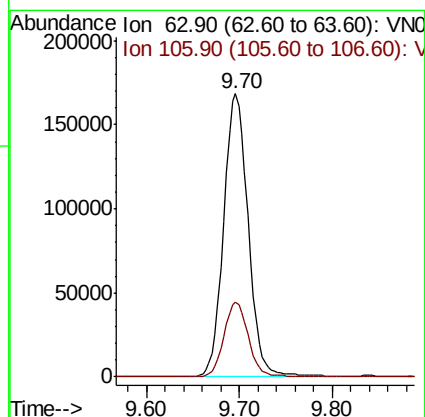
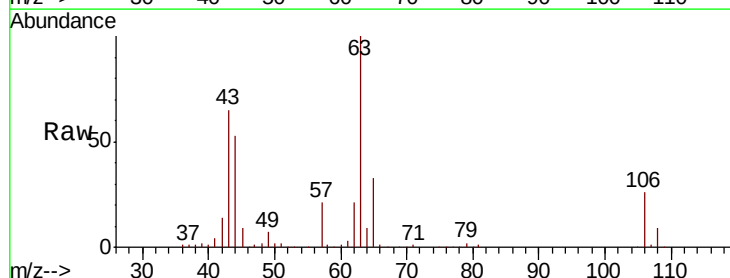
Acq: 23 Sep 2018 11:31

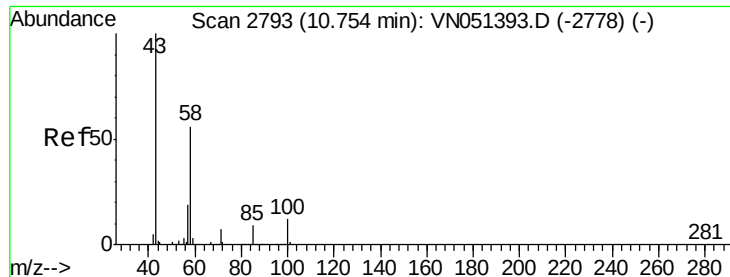
Tgt Ion: 63 Resp: 309345

Ion Ratio Lower Upper

63 100

106 26.2 21.4 32.2

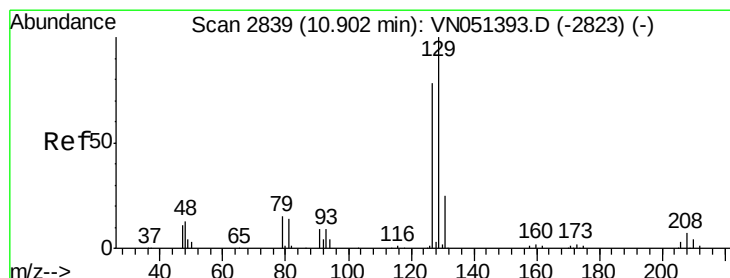
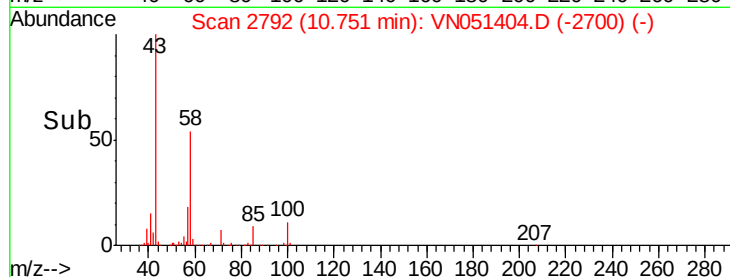
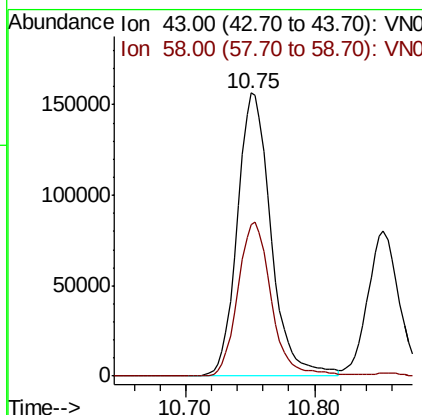
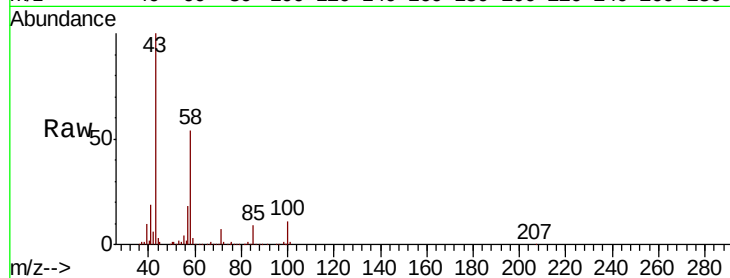




#59
2-Hexanone
Concen: 89.276 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. -0.00 min
Lab File: VN051404.D
Acq: 23 Sep 2018 11:31

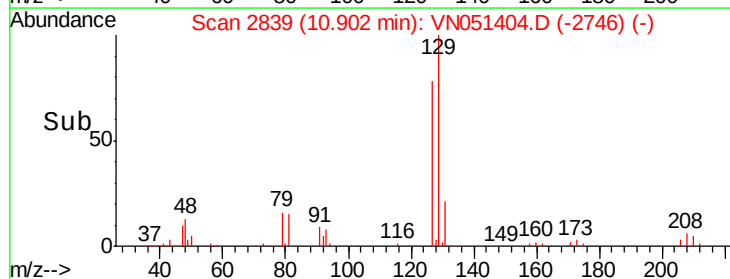
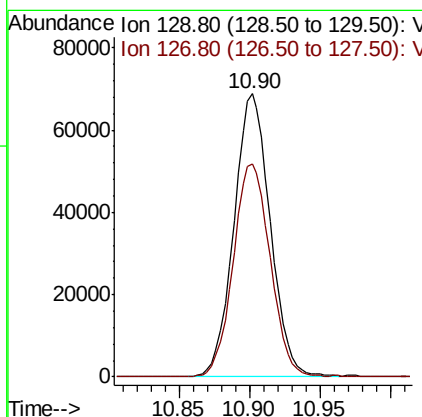
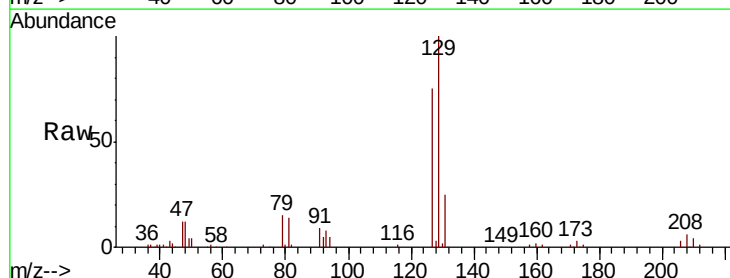
Instrument :
MSVOA_N
ClientSampleId :
VN0923WBSD01

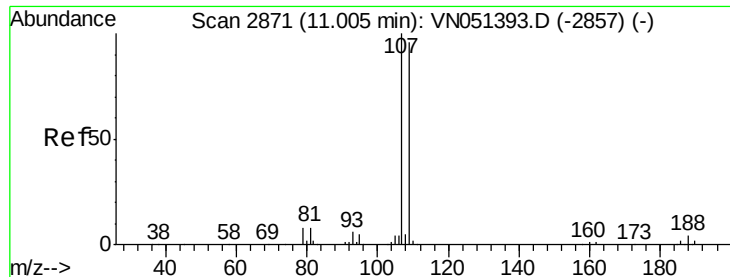
Tgt Ion: 43 Resp: 283980
Ion Ratio Lower Upper
43 100
58 54.2 27.7 83.0



#60
Dibromochloromethane
Concen: 19.013 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. -0.00 min
Lab File: VN051404.D
Acq: 23 Sep 2018 11:31

Tgt Ion: 129 Resp: 124150
Ion Ratio Lower Upper
129 100
127 76.7 38.6 116.0





#61

1,2-Dibromoethane

Concen: 19.359 ug/l

RT: 11.00 min Scan# 2871

Delta R.T. -0.00 min

Lab File: VN051404.D

Acq: 23 Sep 2018 11:31

Instrument :

MSVOA_N

ClientSampleId :

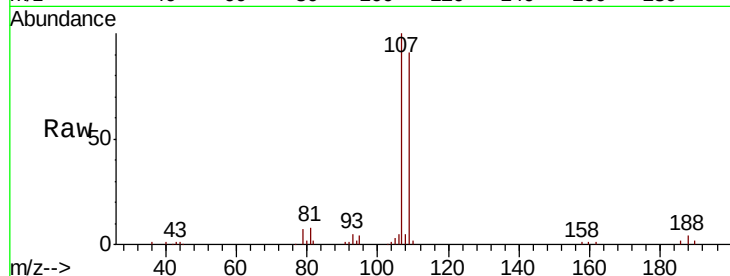
VN0923WBSD01

Tgt Ion: 107 Resp: 104002

Ion Ratio Lower Upper

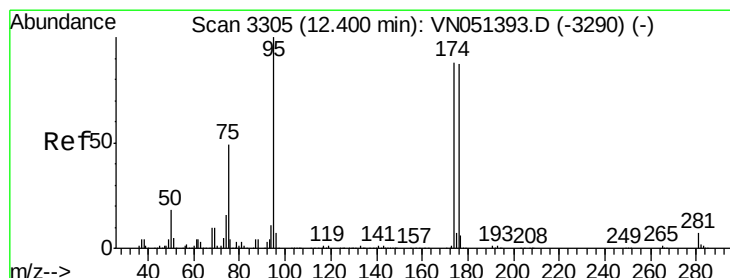
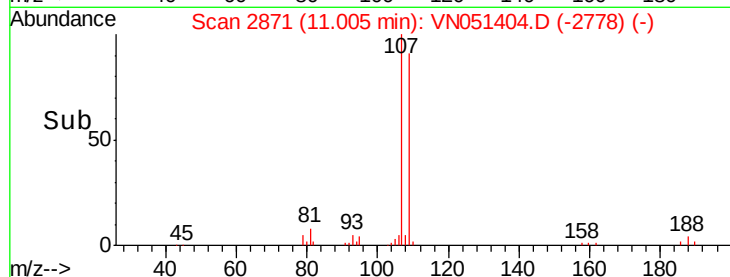
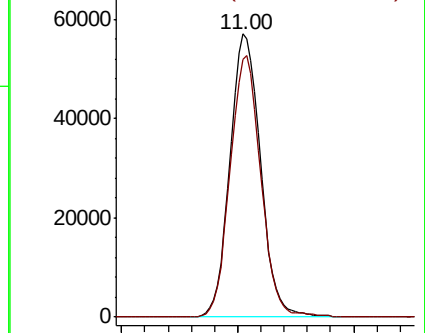
107 100

109 92.7 76.3 114.5



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 47.184 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN051404.D

Acq: 23 Sep 2018 11:31

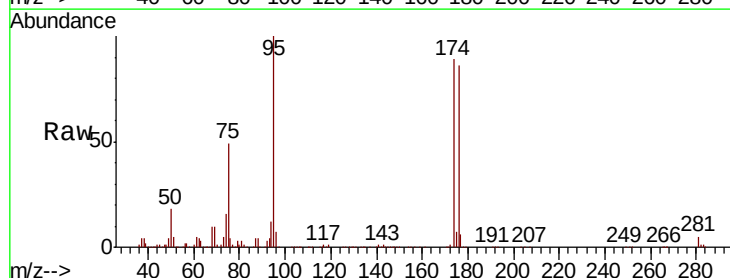
Tgt Ion: 95 Resp: 340610

Ion Ratio Lower Upper

95 100

174 89.3 0.0 181.6

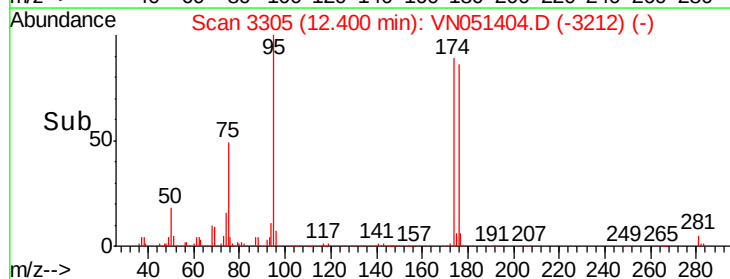
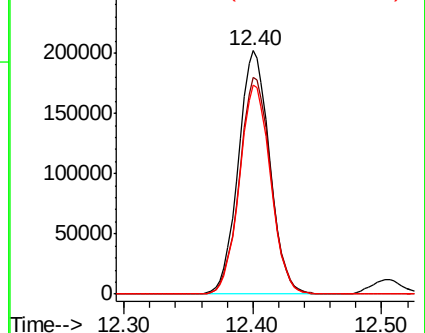
176 85.5 0.0 176.4

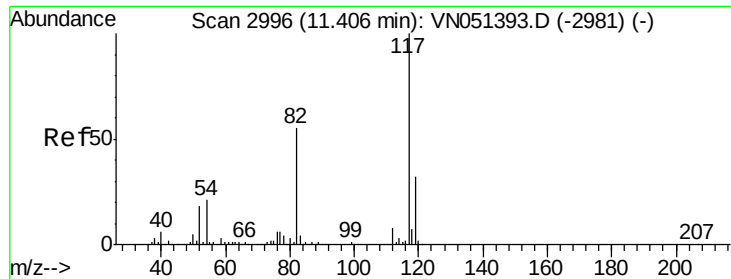


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

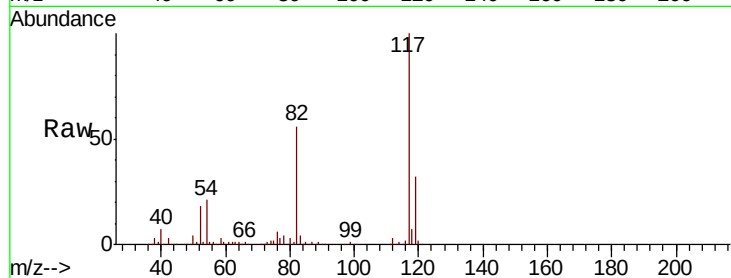




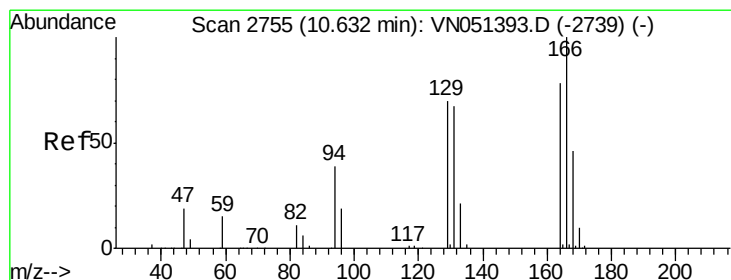
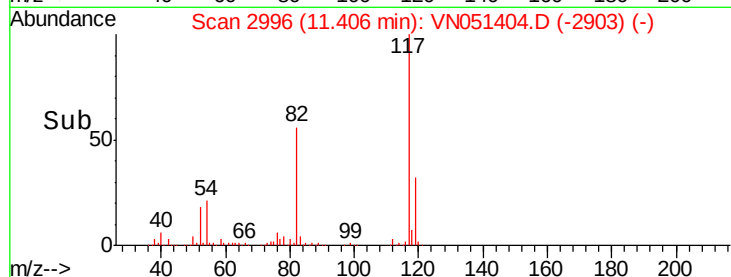
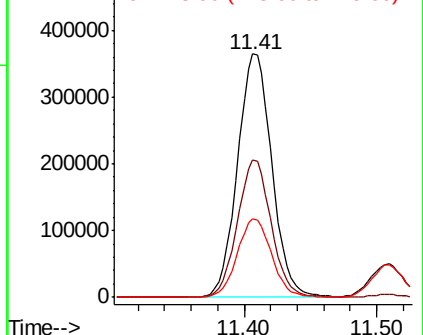
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN051404.D
Acq: 23 Sep 2018 11:31

Instrument :
MSVOA_N
ClientSampleId :
VN0923WBSD01

Tgt Ion:117 Resp: 656238
Ion Ratio Lower Upper
117 100
82 56.5 44.2 66.2
119 32.5 25.9 38.9

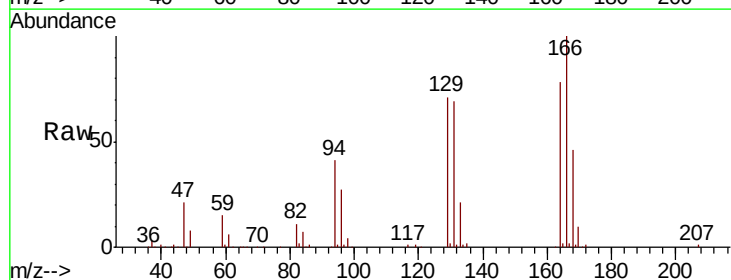


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

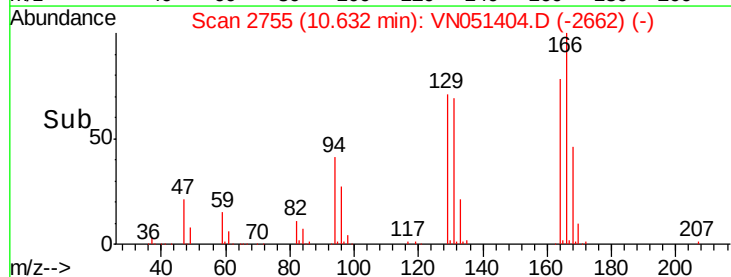
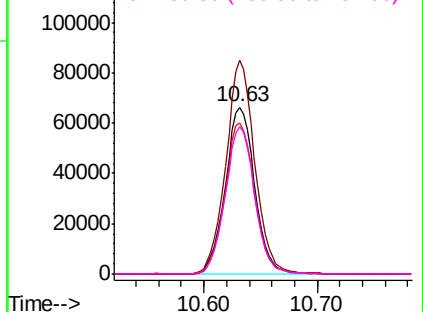


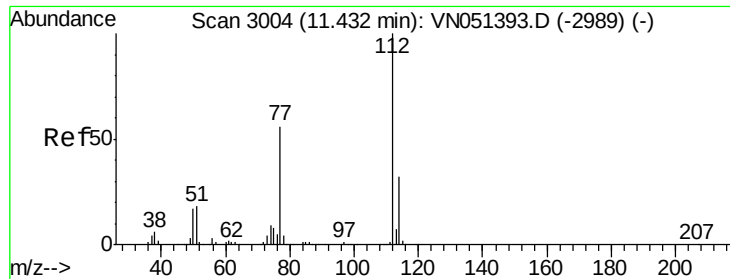
#64
Tetrachloroethene
Concen: 20.062 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. -0.00 min
Lab File: VN051404.D
Acq: 23 Sep 2018 11:31

Tgt Ion:164 Resp: 119483
Ion Ratio Lower Upper
164 100
166 128.0 102.3 153.5
129 90.8 71.8 107.8
131 88.3 68.6 102.8



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V





#65

Chlorobenzene

Concen: 18.779 ug/l

RT: 11.43 min Scan# 3004

Delta R.T. -0.00 min

Lab File: VN051404.D

Acq: 23 Sep 2018 11:31

Instrument :

MSVOA_N

ClientSampleId :

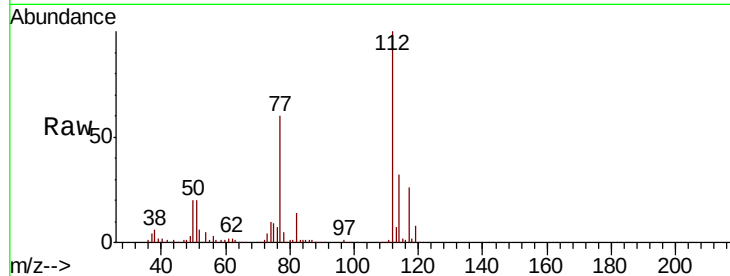
VN0923WBSD01

Tgt Ion:112 Resp: 316175

Ion Ratio Lower Upper

112 100

114 32.4 25.4 38.2



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

200000

150000

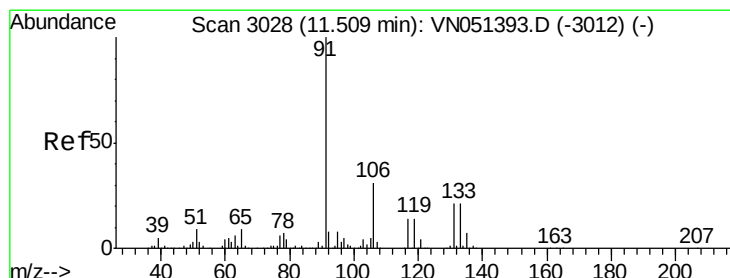
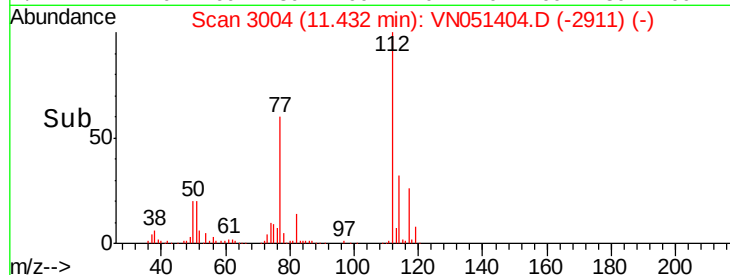
100000

50000

0

11.40 11.50

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 19.414 ug/l

RT: 11.51 min Scan# 3028

Delta R.T. -0.00 min

Lab File: VN051404.D

Acq: 23 Sep 2018 11:31

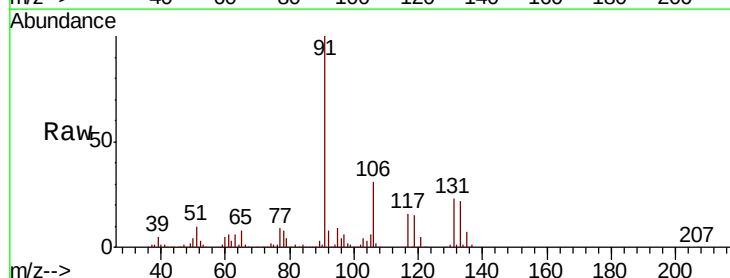
Tgt Ion:131 Resp: 124537

Ion Ratio Lower Upper

131 100

133 96.3 48.3 144.8

119 66.7 32.8 98.4



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

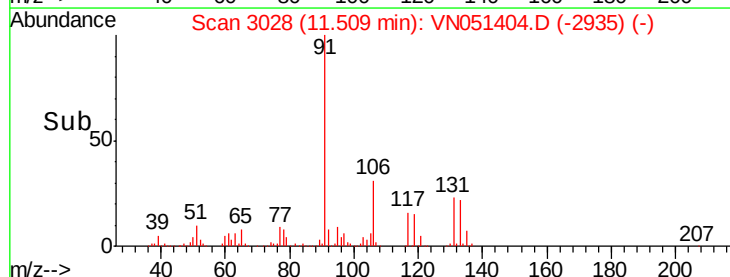
100000

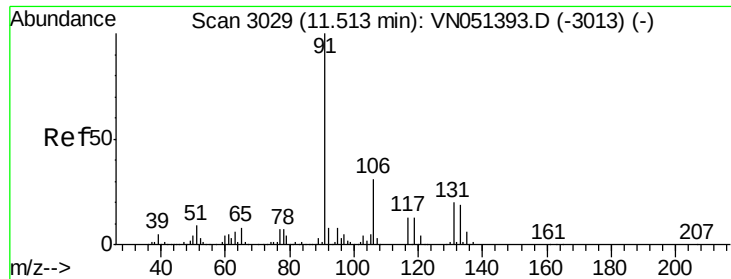
50000

0

11.45 11.50 11.55

Time-->

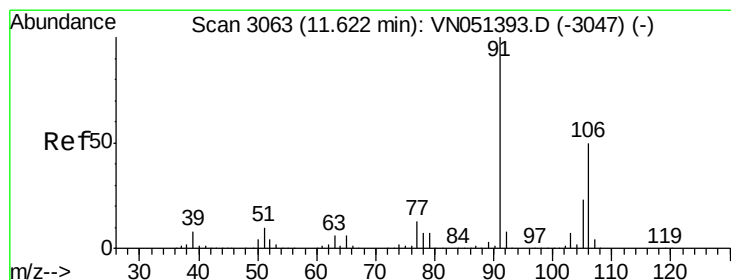
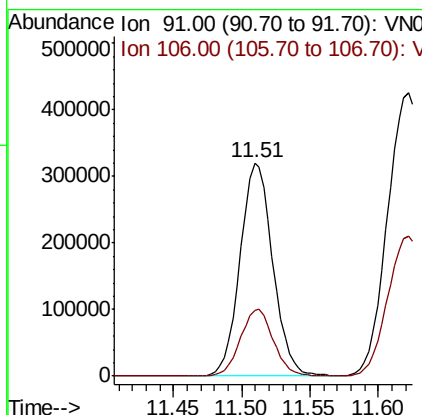
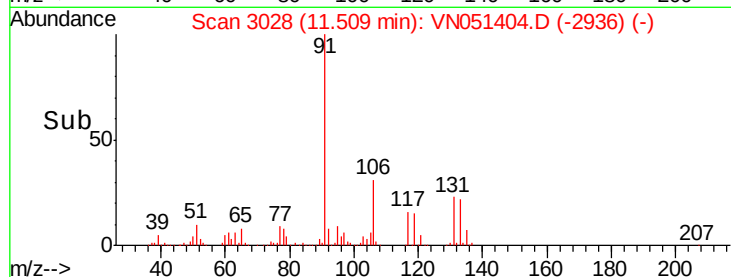
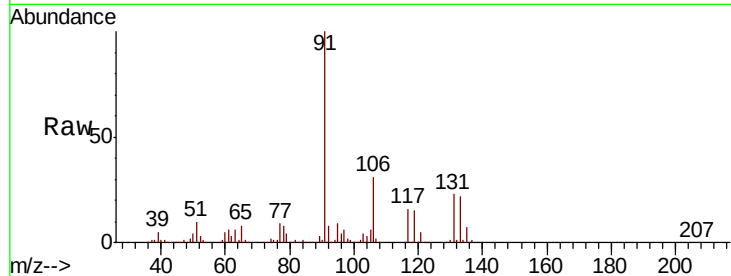




#67
Ethyl Benzene
Concen: 18.800 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. -0.00 min
Lab File: VN051404.D
Acq: 23 Sep 2018 11:31

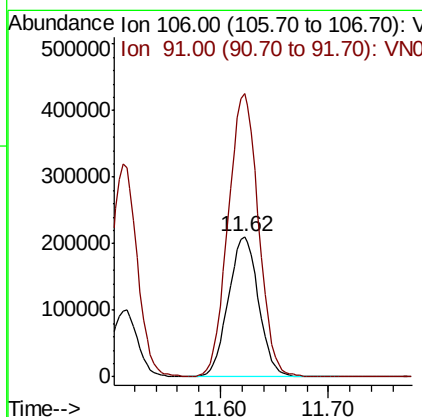
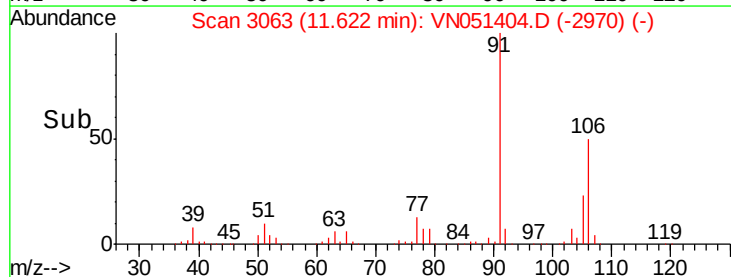
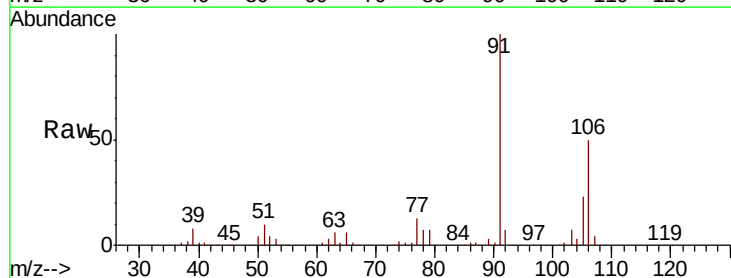
Instrument :
MSVOA_N
ClientSampleId :
VN0923WBSD01

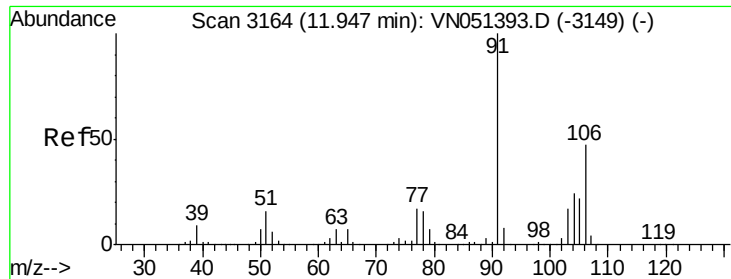
Tgt Ion: 91 Resp: 533446
Ion Ratio Lower Upper
91 100
106 31.0 25.0 37.4



#68
m/p-Xylenes
Concen: 37.546 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. -0.00 min
Lab File: VN051404.D
Acq: 23 Sep 2018 11:31

Tgt Ion: 106 Resp: 412093
Ion Ratio Lower Upper
106 100
91 202.8 161.3 241.9

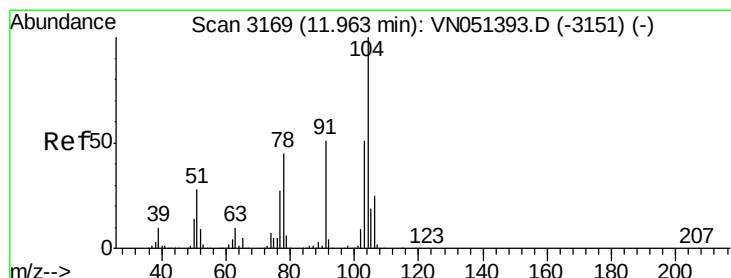
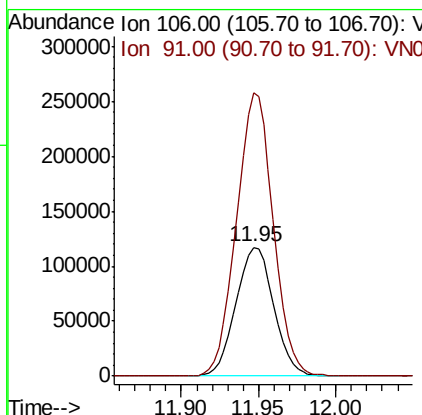
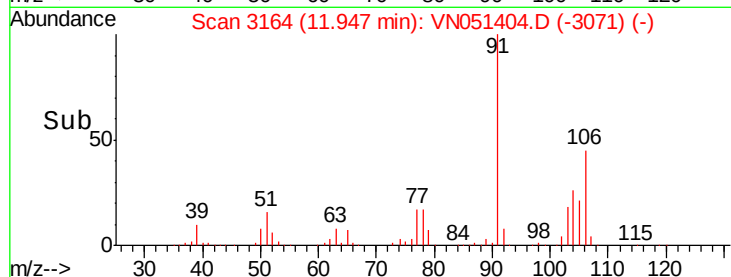
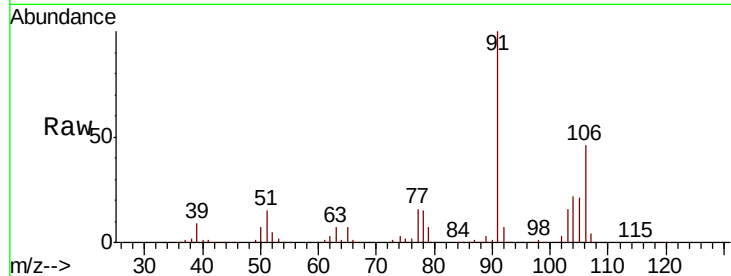




#69
o-Xylene
Concen: 18.888 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. -0.00 min
Lab File: VN051404.D
Acq: 23 Sep 2018 11:31

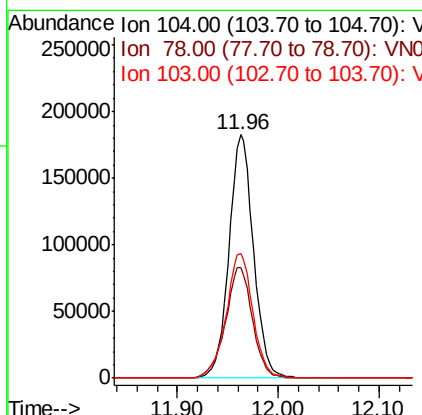
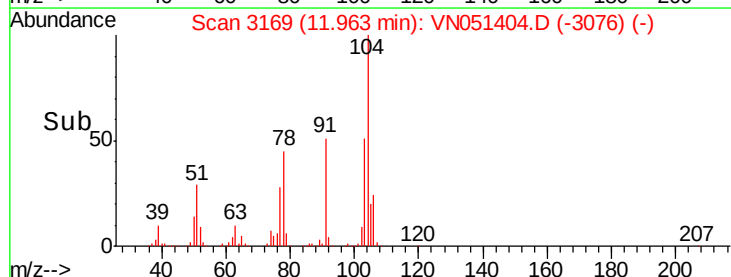
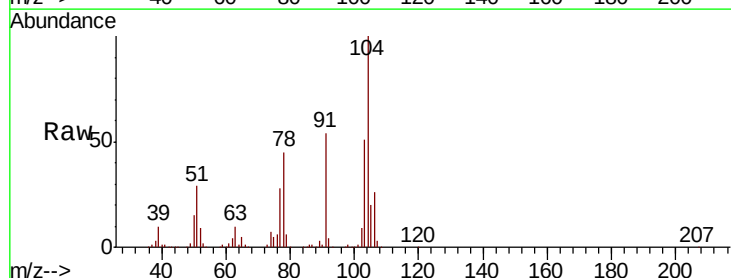
Instrument :
MSVOA_N
ClientSampled :
VN0923WBSD01

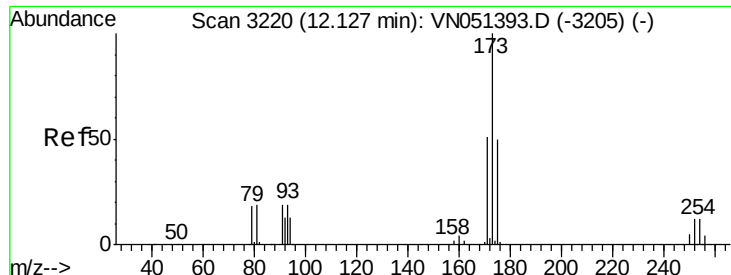
Tgt Ion:106 Resp: 199295
Ion Ratio Lower Upper
106 100
91 213.3 105.3 315.9



#70
Styrene
Concen: 18.506 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. -0.00 min
Lab File: VN051404.D
Acq: 23 Sep 2018 11:31

Tgt Ion:104 Resp: 309411
Ion Ratio Lower Upper
104 100
78 50.1 39.9 59.9
103 55.9 44.6 66.8

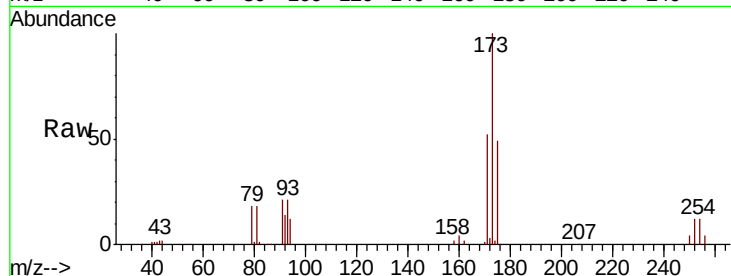




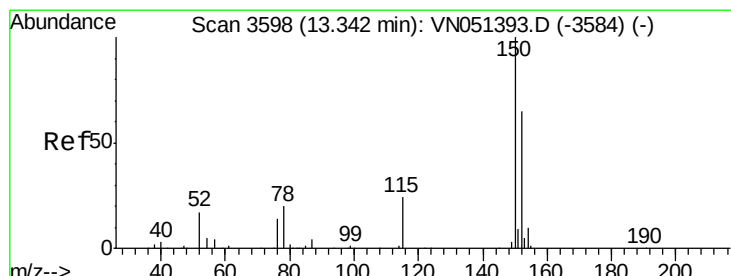
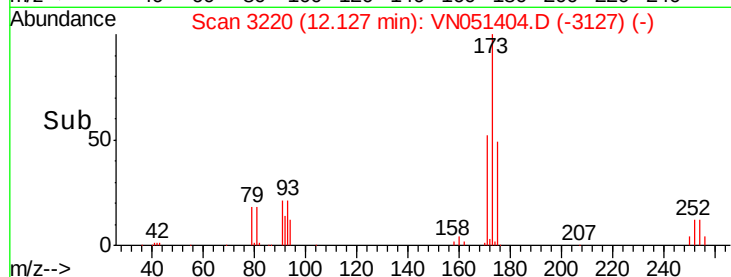
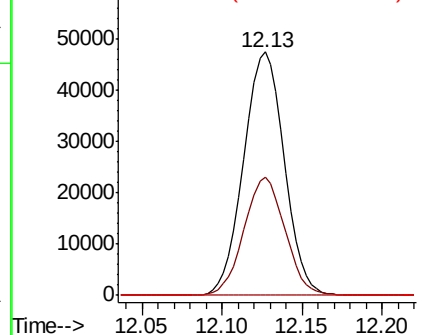
#71
 Bromoform
 Concen: 18.947 ug/l
 RT: 12.13 min Scan# 3220
 Delta R.T. -0.00 min
 Lab File: VN051404.D
 Acq: 23 Sep 2018 11:31

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0923WBSD01

Tgt Ion:173 Resp: 82470
 Ion Ratio Lower Upper
 173 100
 175 48.9 24.8 74.3
 254 0.0 0.2 0.2#

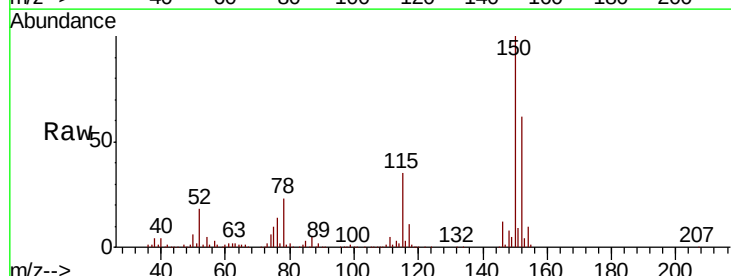


Abundance Ion 172.70 (172.40 to 173.40): V
 Ion 174.70 (174.40 to 175.40): V
 Ion 254.40 (254.10 to 255.10): V

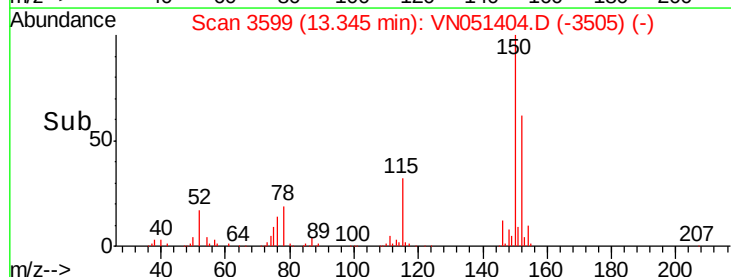
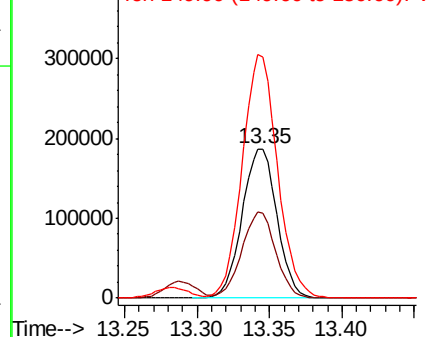


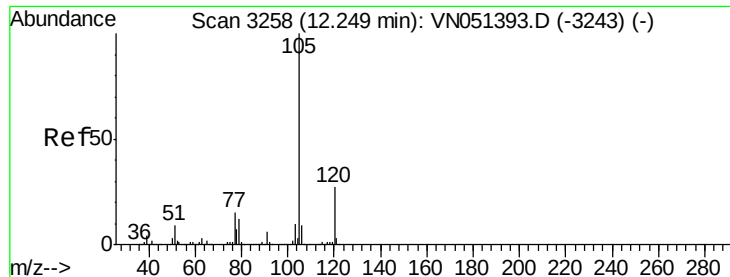
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.35 min Scan# 3599
 Delta R.T. 0.00 min
 Lab File: VN051404.D
 Acq: 23 Sep 2018 11:31

Tgt Ion:152 Resp: 311581
 Ion Ratio Lower Upper
 152 100
 115 56.5 28.3 84.9
 150 165.2 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: 20.022 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. -0.00 min

Lab File: VN051404.D

Acq: 23 Sep 2018 11:31

Instrument :

MSVOA_N

ClientSampleId :

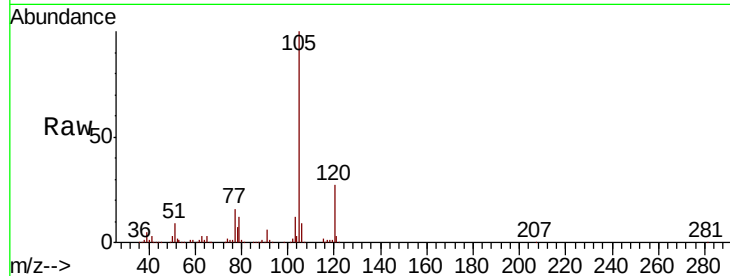
VN0923WBSD01

Tgt Ion: 105 Resp: 526357

Ion Ratio Lower Upper

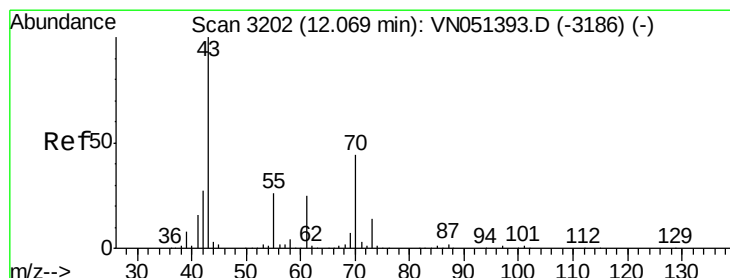
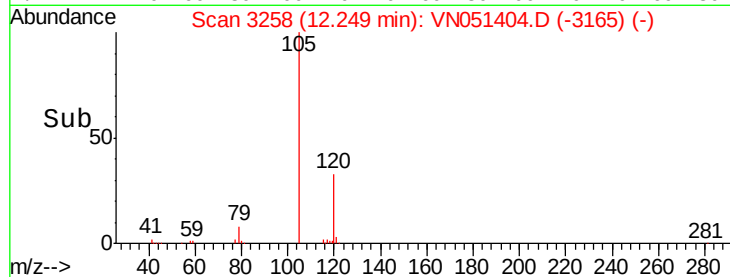
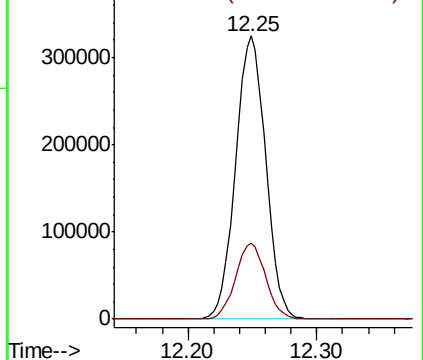
105 100

120 26.9 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: 19.697 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. -0.00 min

Lab File: VN051404.D

Acq: 23 Sep 2018 11:31

Tgt Ion: 43 Resp: 129926

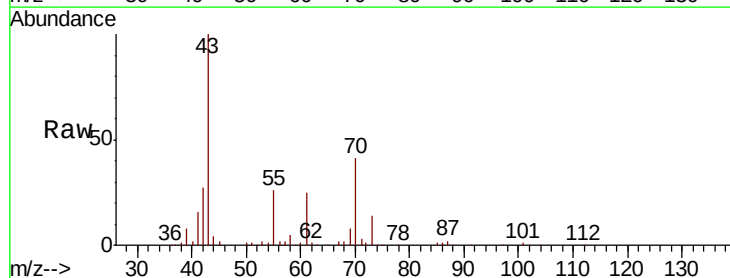
Ion Ratio Lower Upper

43 100

70 41.1 35.0 52.4

55 26.5 21.4 32.2

61 24.3 19.8 29.6

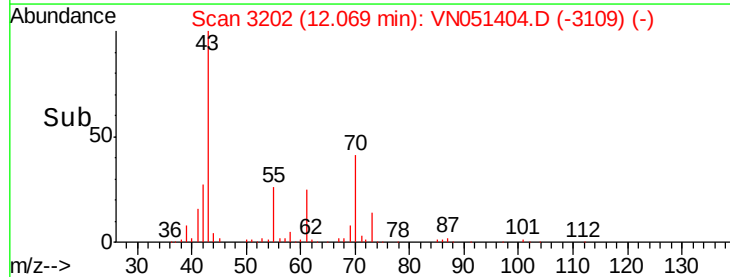
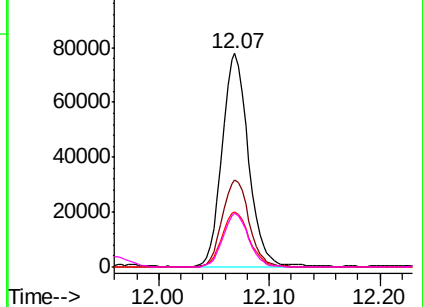


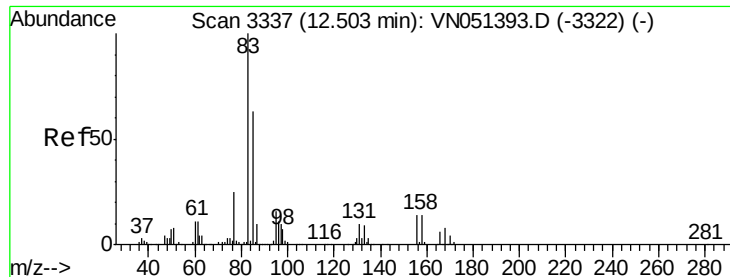
Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0





#75

1,1,2,2-Tetrachloroethane

Concen: 20.434 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. -0.00 min

Lab File: VN051404.D

Acq: 23 Sep 2018 11:31

Instrument :

MSVOA_N

ClientSampleId :

VN0923WBSD01

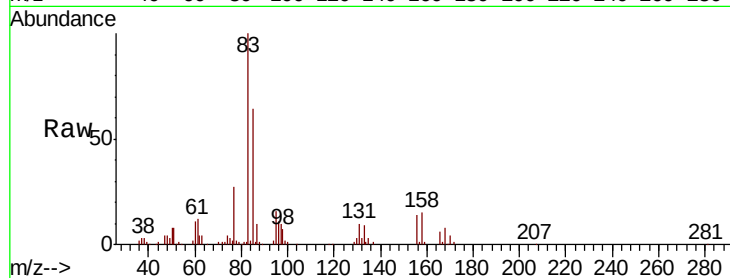
Tgt Ion: 83 Resp: 125272

Ion Ratio Lower Upper

83 100

131 11.0 5.3 15.9

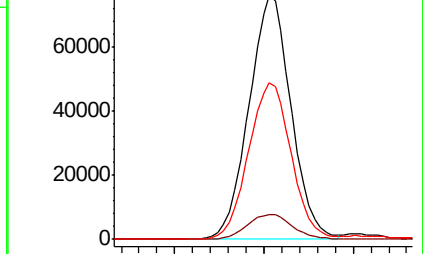
85 65.1 31.6 95.0



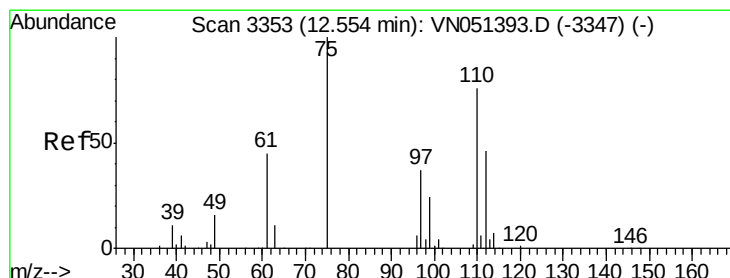
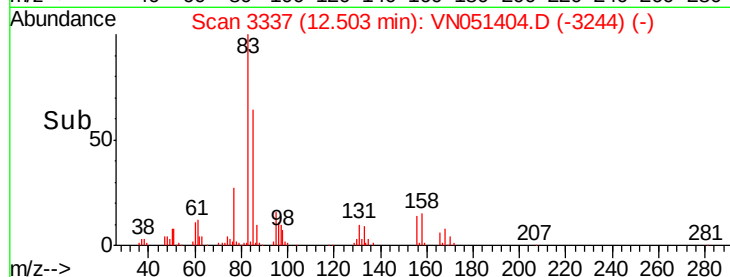
Abundance Ion 82.90 (82.60 to 83.60): VN051393.D (-3322) (-)

Ion 130.80 (130.50 to 131.50): VN051393.D (-3322) (-)

Ion 84.90 (84.60 to 85.60): VN051393.D (-3322) (-)



Time-->



#76

1,2,3-Trichloropropane

Concen: 28.481 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. -0.00 min

Lab File: VN051404.D

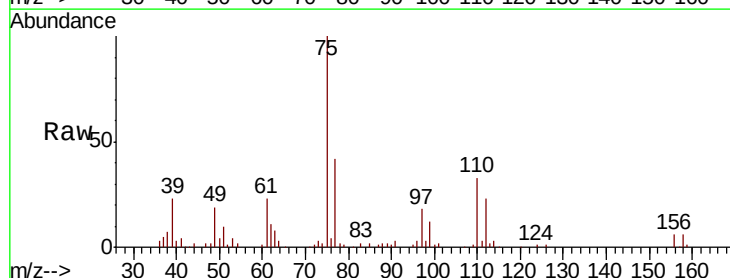
Acq: 23 Sep 2018 11:31

Tgt Ion: 75 Resp: 147318

Ion Ratio Lower Upper

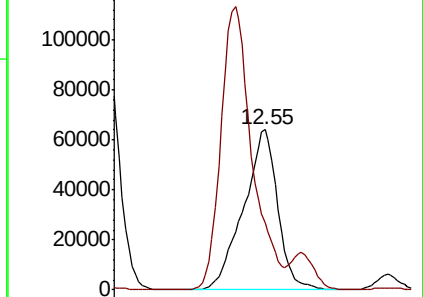
75 100

77 0.0 0.0 0.0

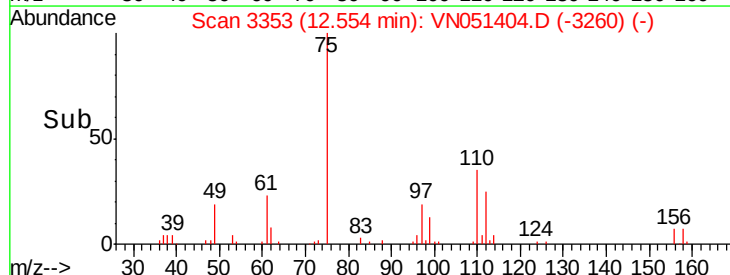


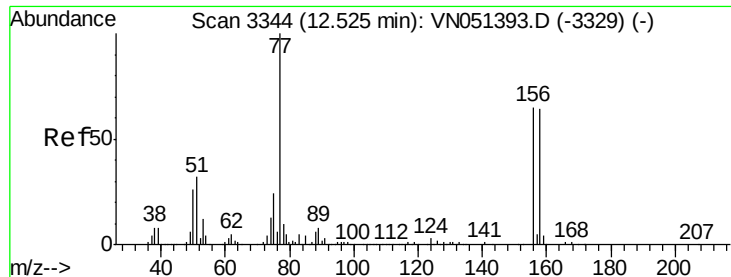
Abundance Ion 74.90 (74.60 to 75.60): VN051393.D (-3347) (-)

Ion 77.00 (76.70 to 77.70): VN051393.D (-3347) (-)



Time-->





#77

Bromobenzene

Concen: 19.813 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. -0.00 min

Lab File: VN051404.D

Acq: 23 Sep 2018 11:31

Instrument :

MSVOA_N

ClientSampled :

VN0923WBSD01

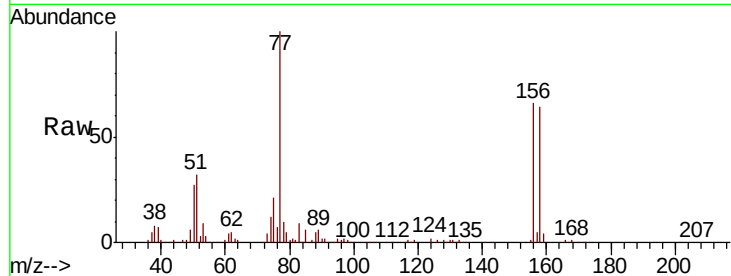
Tgt Ion:156 Resp: 131857

Ion Ratio Lower Upper

156 100

77 181.9 89.5 268.4

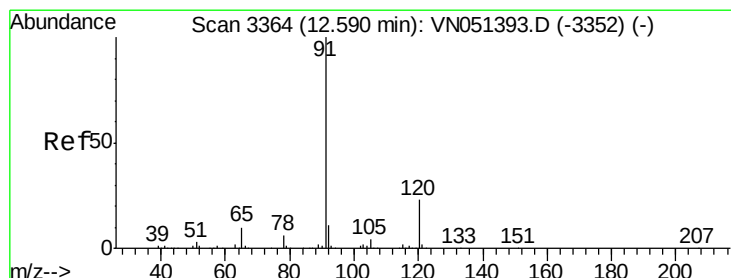
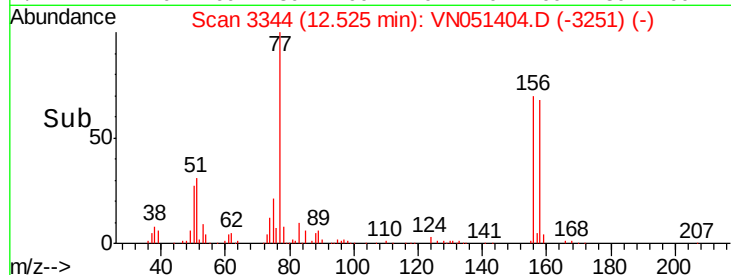
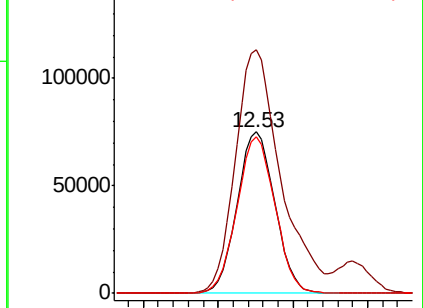
158 97.6 49.4 148.2



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: 19.714 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. -0.00 min

Lab File: VN051404.D

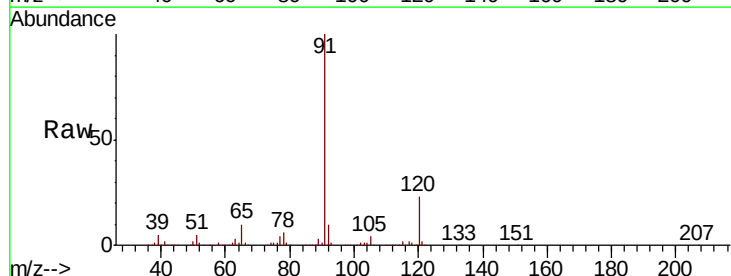
Acq: 23 Sep 2018 11:31

Tgt Ion: 91 Resp: 584091

Ion Ratio Lower Upper

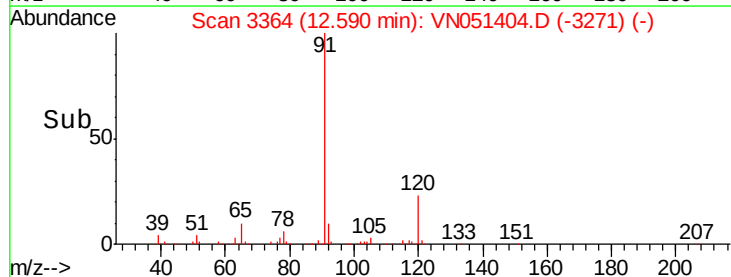
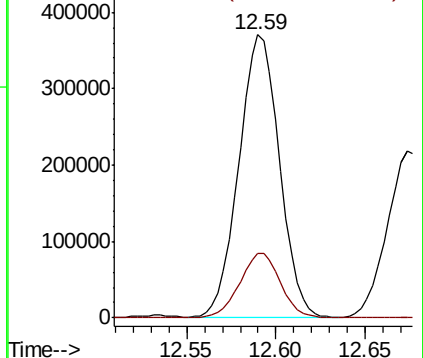
91 100

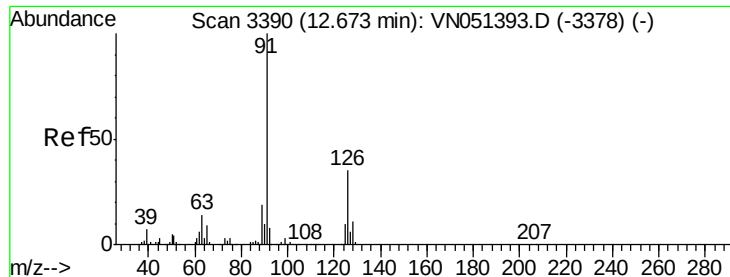
120 22.9 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.134 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. -0.00 min

Lab File: VN051404.D

Acq: 23 Sep 2018 11:31

Instrument :

MSVOA_N

ClientSampleId :

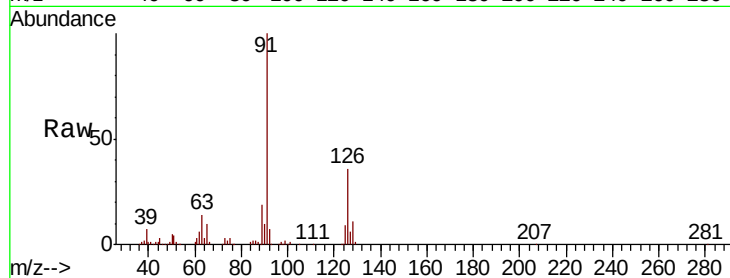
VN0923WBSD01

Tgt Ion: 91 Resp: 357080

Ion Ratio Lower Upper

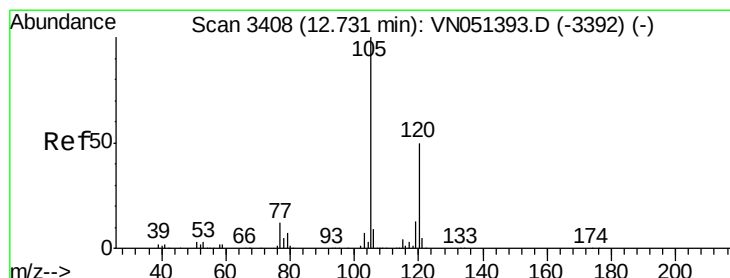
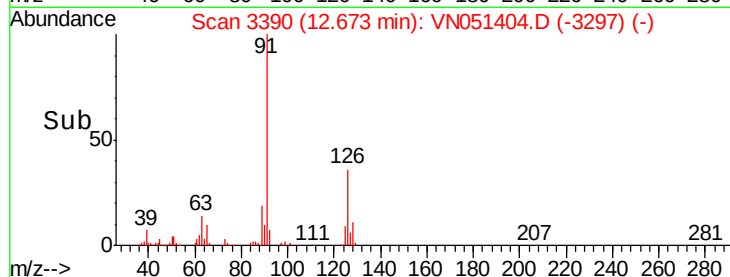
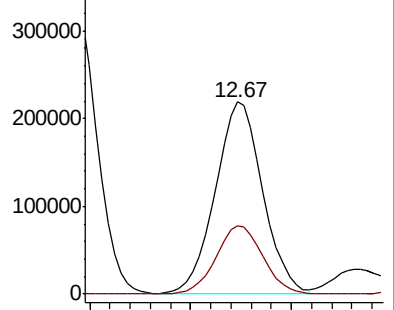
91 100

126 35.6 17.6 52.8



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

Ion 125.90 (125.60 to 126.60): VN051393.D (-3378) (-)



#80

1,3,5-Trimethylbenzene

Concen: 20.344 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. -0.00 min

Lab File: VN051404.D

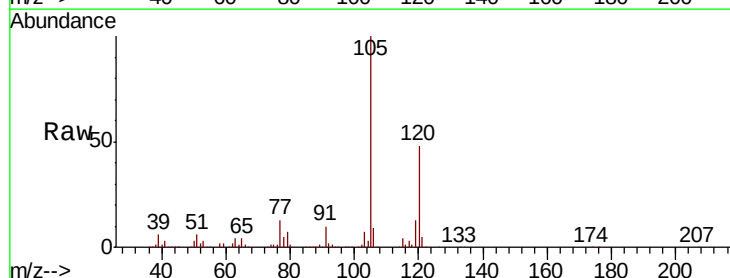
Acq: 23 Sep 2018 11:31

Tgt Ion: 105 Resp: 436106

Ion Ratio Lower Upper

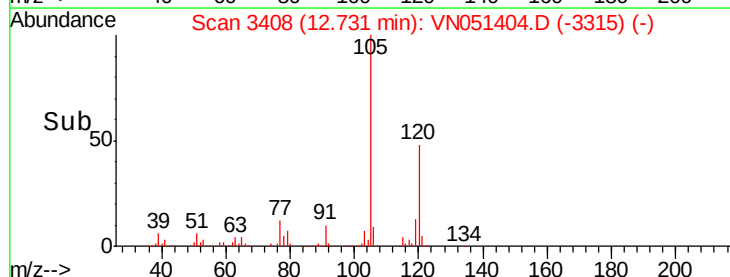
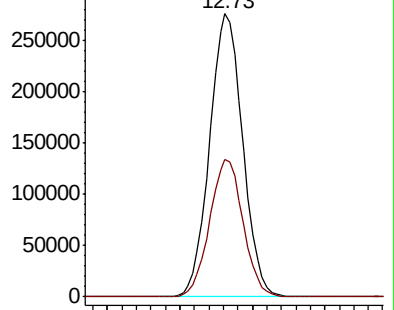
105 100

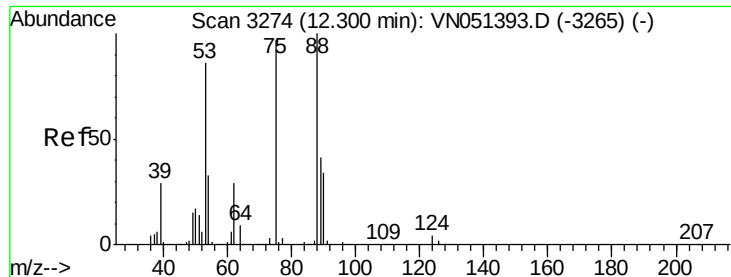
120 49.1 24.8 74.4



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

Ion 120.00 (119.70 to 120.70): VN051393.D (-3392) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 16.608 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. -0.00 min

Lab File: VN051404.D

Acq: 23 Sep 2018 11:31

Instrument :

MSVOA_N

ClientSampled :

VN0923WBSD01

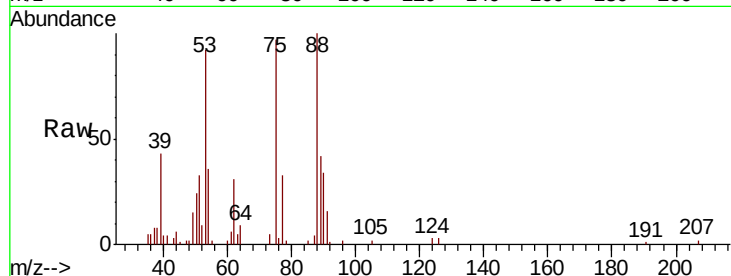
Tgt Ion: 75 Resp: 27937

Ion Ratio Lower Upper

75 100

53 92.2 73.9 110.9

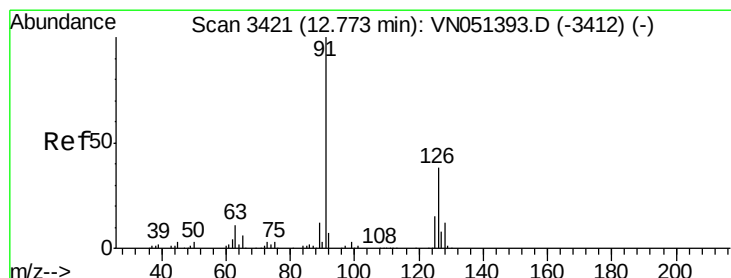
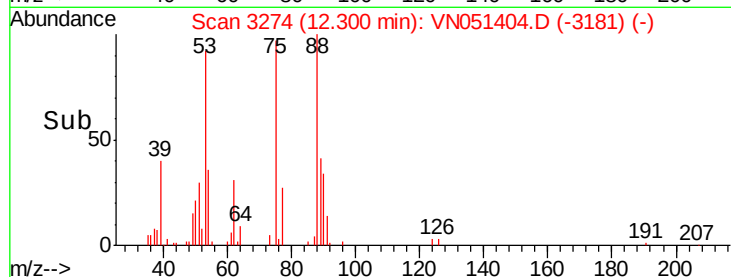
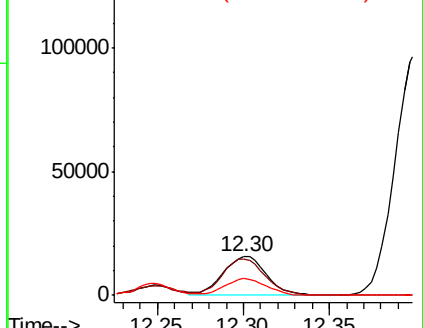
89 40.9 36.7 55.1



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: 19.669 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. -0.00 min

Lab File: VN051404.D

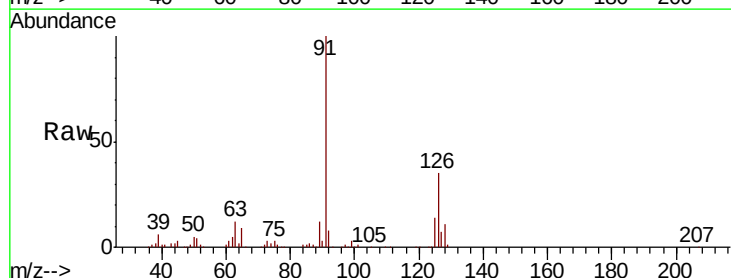
Acq: 23 Sep 2018 11:31

Tgt Ion: 91 Resp: 348173

Ion Ratio Lower Upper

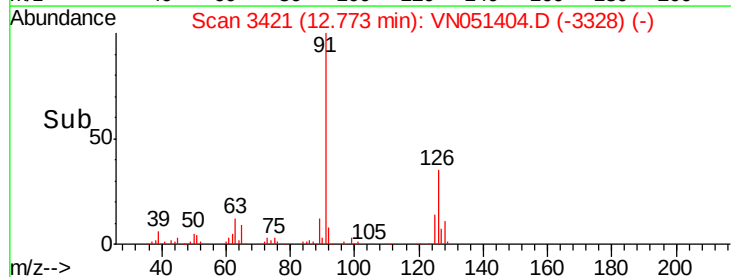
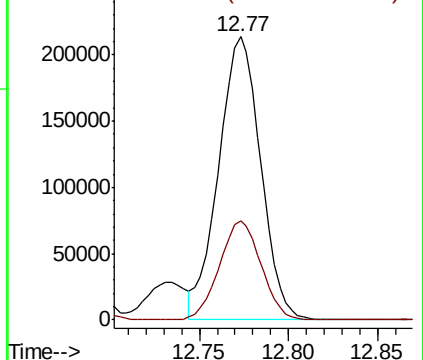
91 100

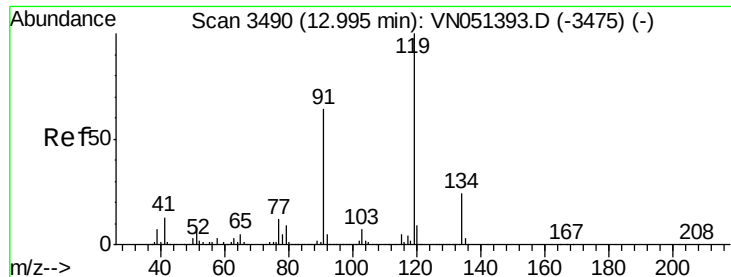
126 34.7 17.5 52.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

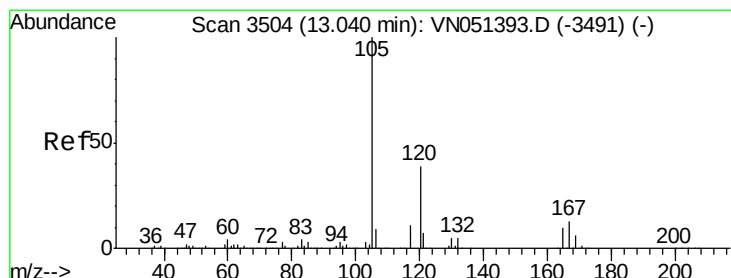
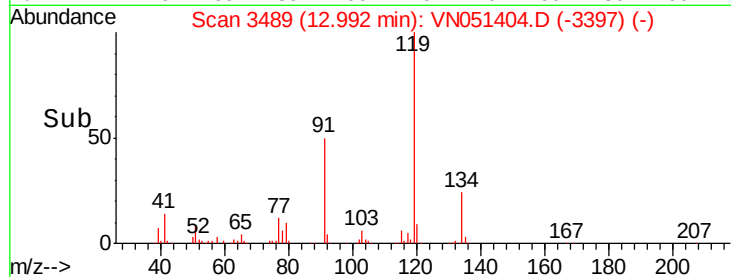
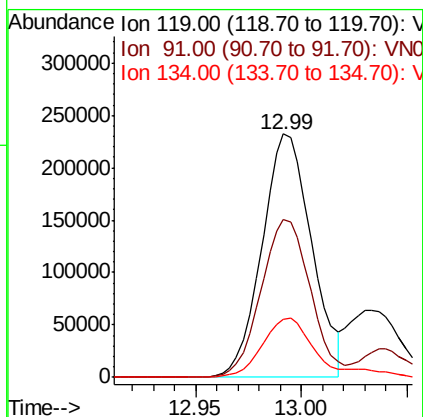
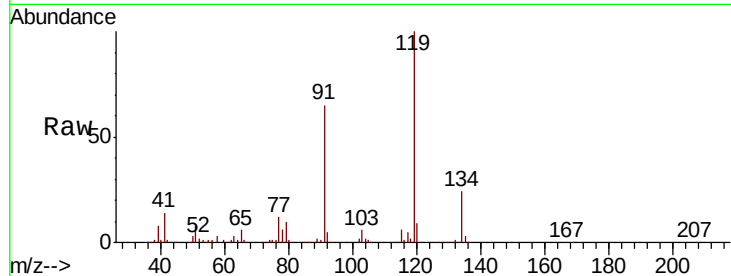




#83
 tert-Butylbenzene
 Concen: 19.964 ug/l
 RT: 12.99 min Scan# 3489
 Delta R.T. -0.00 min
 Lab File: VN051404.D
 Acq: 23 Sep 2018 11:31

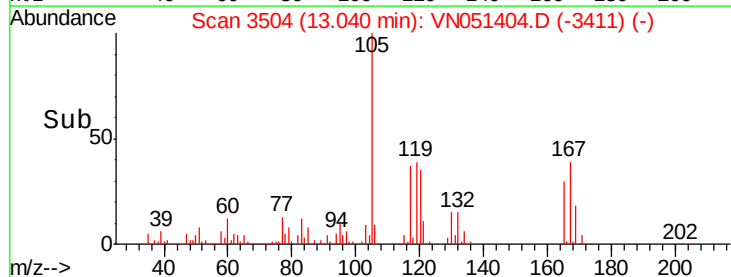
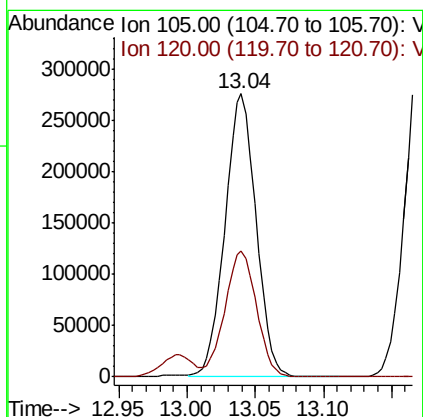
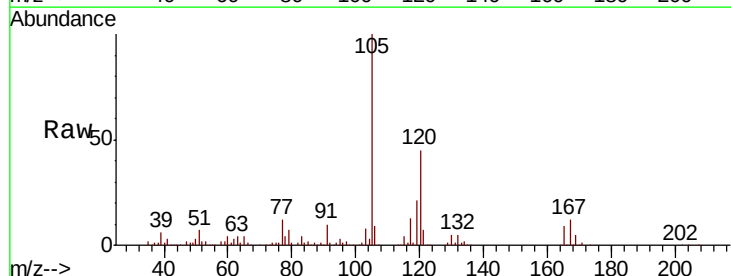
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0923WBSD01

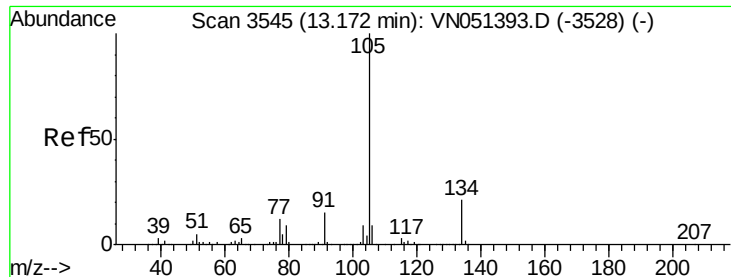
Tgt Ion:119 Resp: 380919
 Ion Ratio Lower Upper
 119 100
 91 64.5 31.7 95.1
 134 24.3 12.3 36.9



#84
 1,2,4-Trimethylbenzene
 Concen: 20.255 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. -0.00 min
 Lab File: VN051404.D
 Acq: 23 Sep 2018 11:31

Tgt Ion:105 Resp: 437528
 Ion Ratio Lower Upper
 105 100
 120 45.2 22.9 68.7





#85

sec-Butylbenzene

Concen: 20.072 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. -0.00 min

Lab File: VN051404.D

Acq: 23 Sep 2018 11:31

Instrument :

MSVOA_N

ClientSampleId :

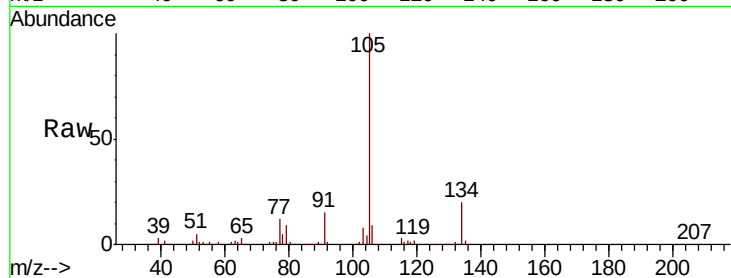
VN0923WBSD01

Tgt Ion:105 Resp: 518119

Ion Ratio Lower Upper

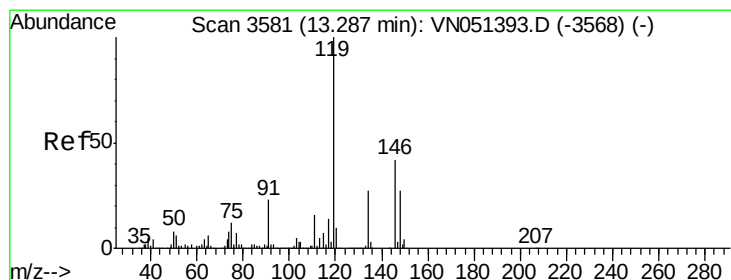
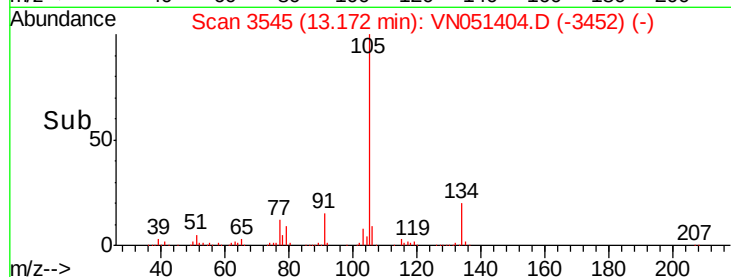
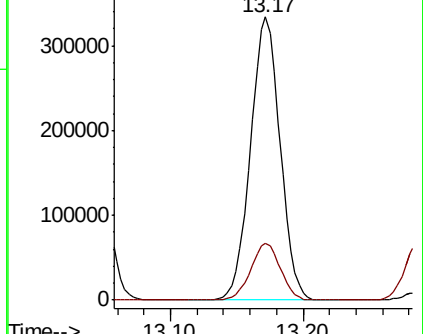
105 100

134 20.1 10.4 31.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 19.379 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. -0.00 min

Lab File: VN051404.D

Acq: 23 Sep 2018 11:31

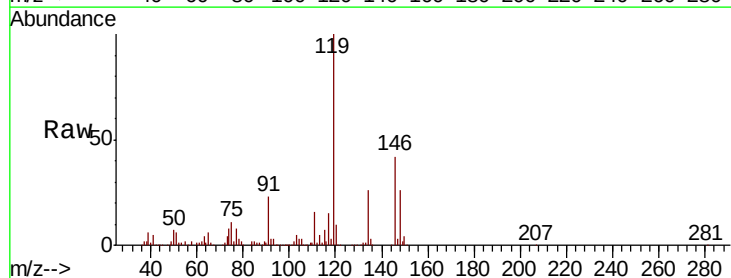
Tgt Ion:119 Resp: 432832

Ion Ratio Lower Upper

119 100

134 26.8 13.3 39.9

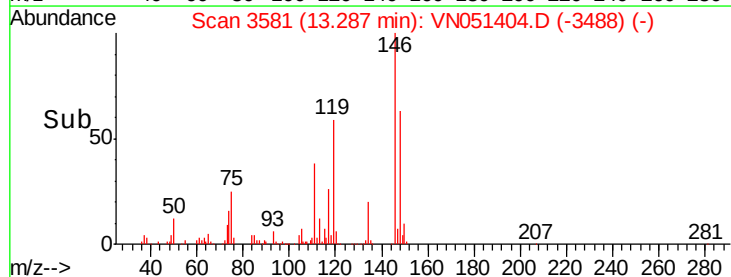
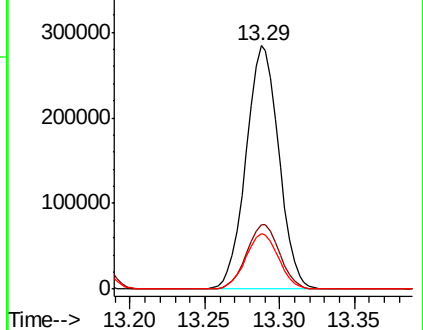
91 22.9 11.4 34.2

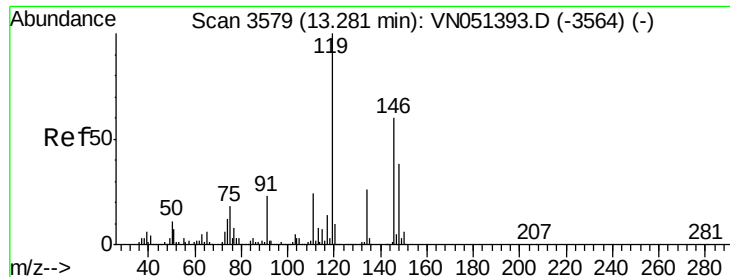


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

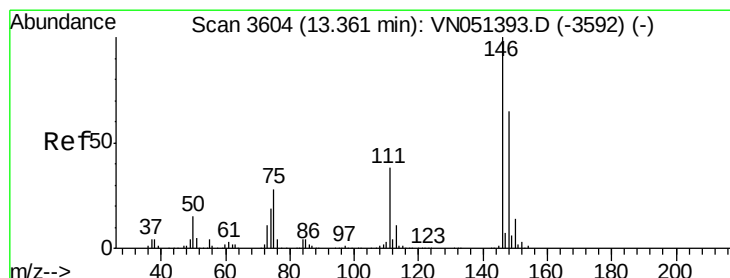
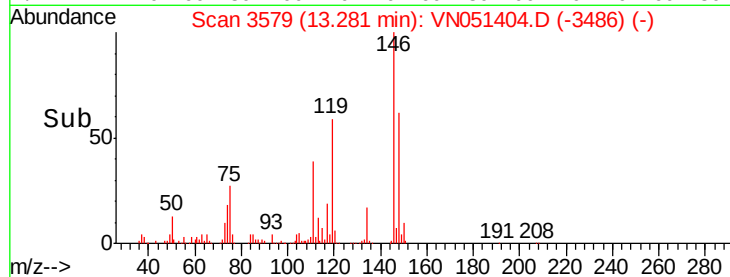
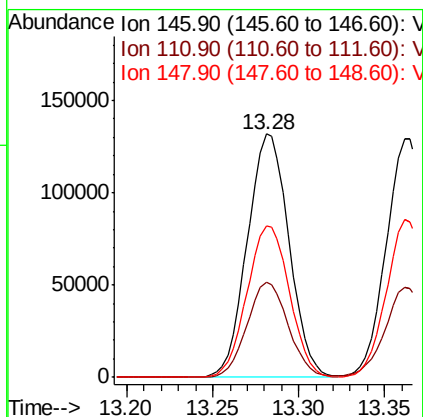
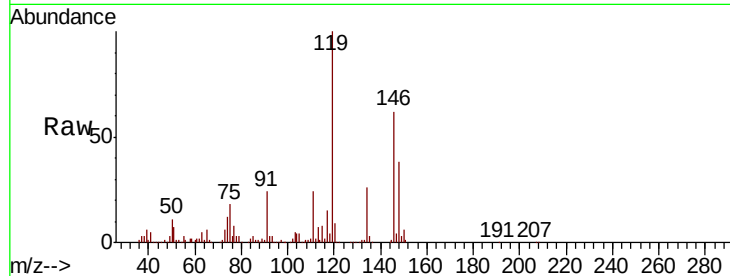




#87
 1,3-Dichlorobenzene
 Concen: 19.279 ug/l
 RT: 13.28 min Scan# 3579
 Delta R.T. -0.00 min
 Lab File: VN051404.D
 Acq: 23 Sep 2018 11:31

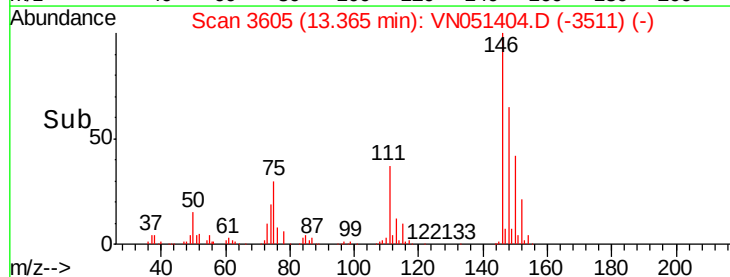
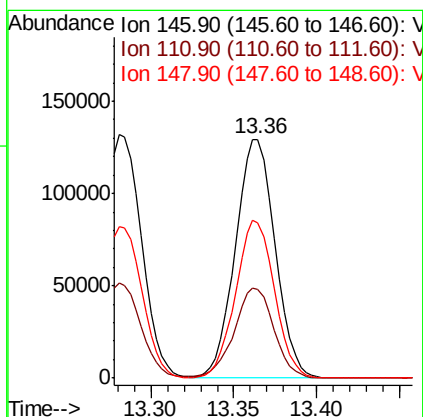
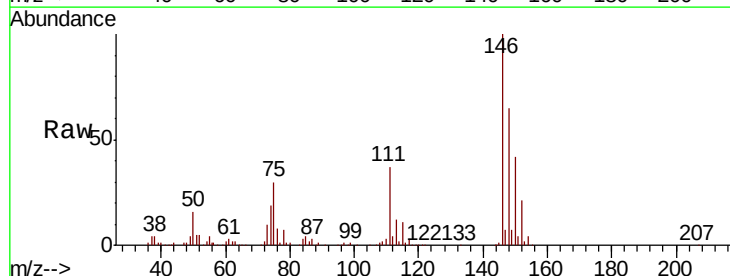
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0923WBSD01

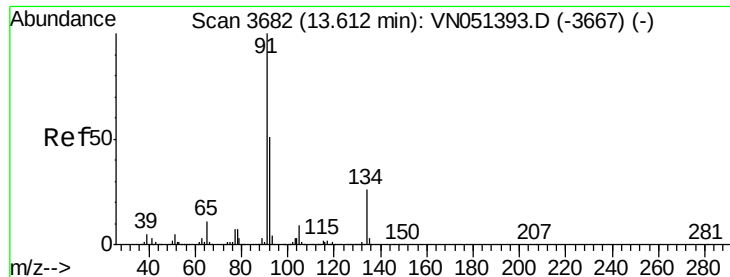
Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.5	19.7	59.1
148	63.3	31.9	95.7



#88
 1,4-Dichlorobenzene
 Concen: 19.429 ug/l
 RT: 13.36 min Scan# 3605
 Delta R.T. 0.00 min
 Lab File: VN051404.D
 Acq: 23 Sep 2018 11:31

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.0	19.1	57.1
148	64.8	32.5	97.5





#89

n-Butylbenzene

Concen: 17.517 ug/l

RT: 13.61 min Scan# 3682

Delta R.T. -0.00 min

Lab File: VN051404.D

Acq: 23 Sep 2018 11:31

Instrument :

MSVOA_N

ClientSampled :

VN0923WBSD01

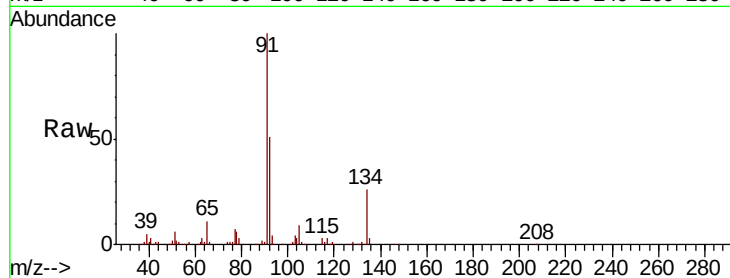
Tgt Ion: 91 Resp: 321719

Ion Ratio Lower Upper

91 100

92 51.1 25.5 76.5

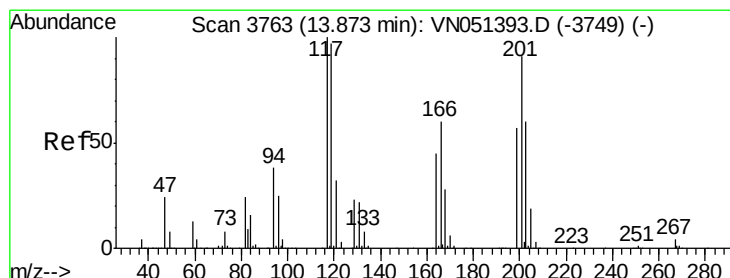
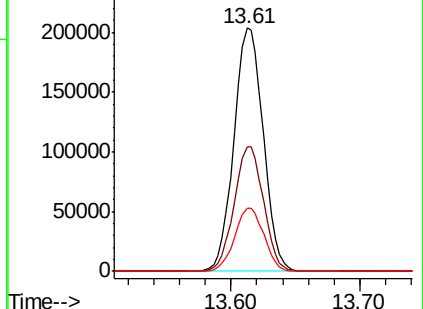
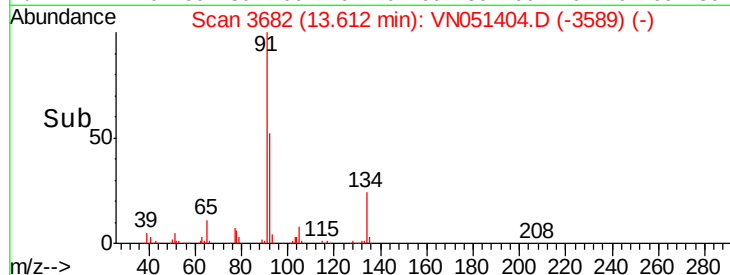
134 25.8 13.3 39.8



Abundance Ion 91.00 (90.70 to 91.70): VN051393.D (-3667) (-)

Ion 92.00 (91.70 to 92.70): VN051393.D (-3667) (-)

Ion 134.00 (133.70 to 134.70): VN051393.D (-3667) (-)



#90

Hexachloroethane

Concen: 19.622 ug/l

RT: 13.87 min Scan# 3763

Delta R.T. -0.00 min

Lab File: VN051404.D

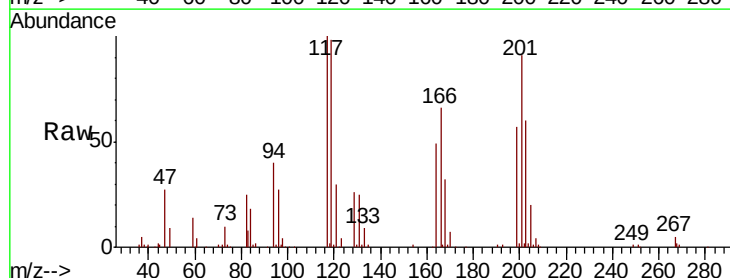
Acq: 23 Sep 2018 11:31

Tgt Ion: 117 Resp: 87322

Ion Ratio Lower Upper

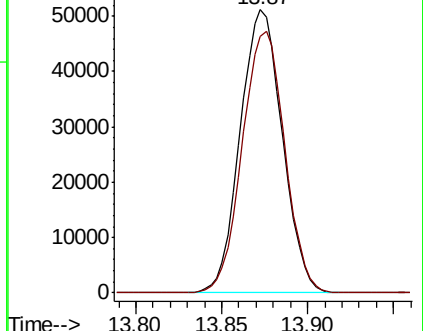
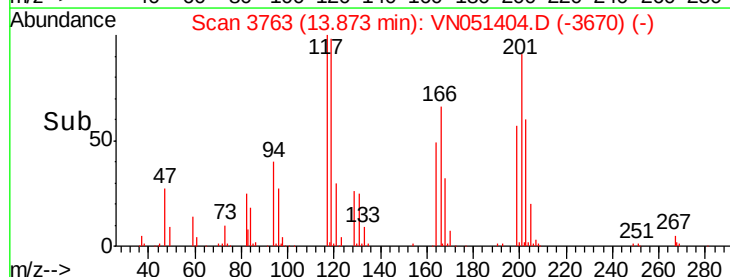
117 100

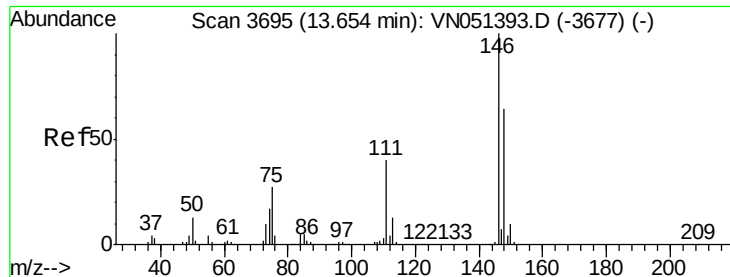
201 92.9 45.5 136.4



Abundance Ion 116.80 (116.50 to 117.50): VN051393.D (-3749) (-)

Ion 200.70 (200.40 to 201.40): VN051393.D (-3749) (-)

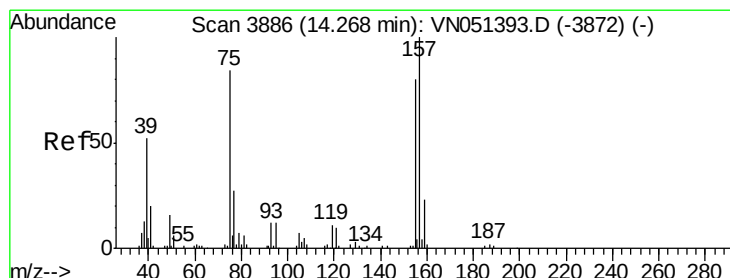
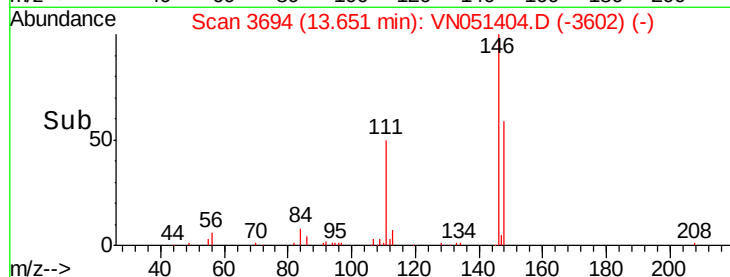
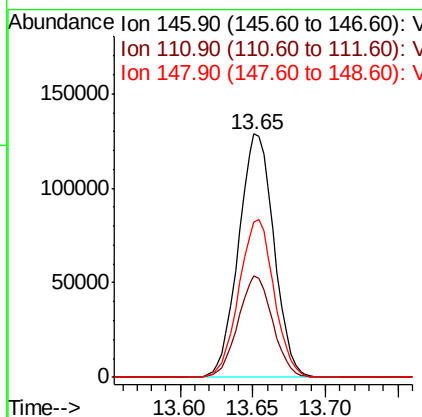
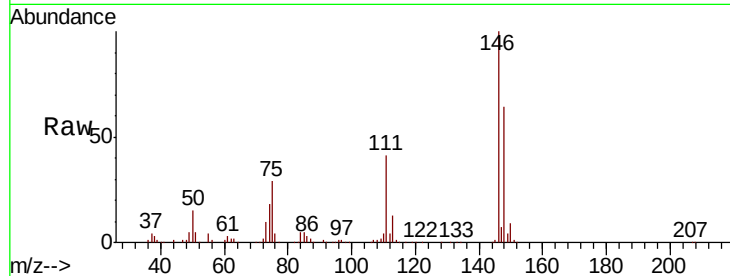




#91
 1,2-Dichlorobenzene
 Concen: 19.557 ug/l
 RT: 13.65 min Scan# 3694
 Delta R.T. -0.00 min
 Lab File: VN051404.D
 Acq: 23 Sep 2018 11:31

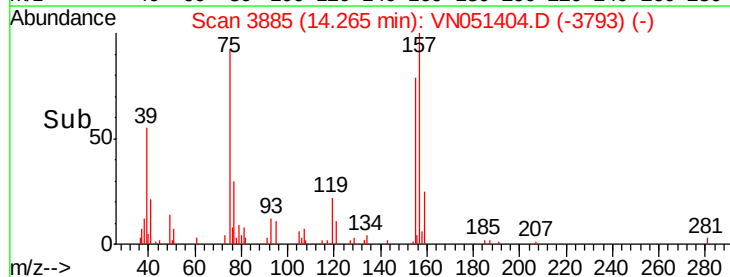
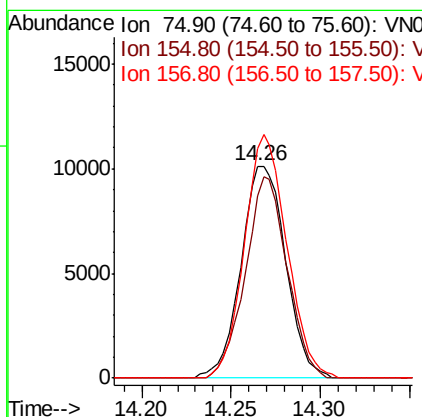
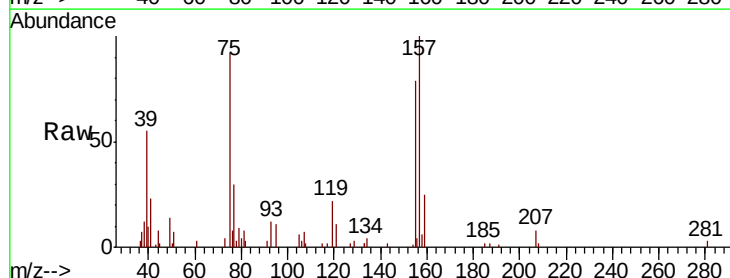
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0923WBSD01

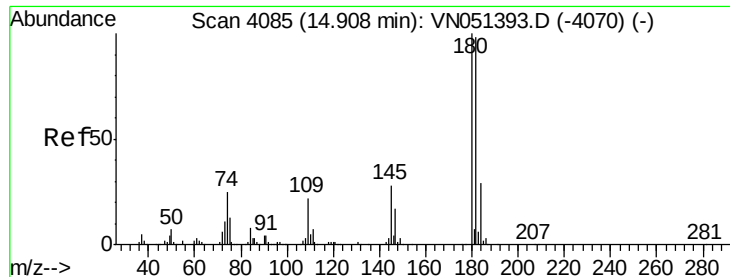
Tgt Ion: 146 Resp: 218532
 Ion Ratio Lower Upper
 146 100
 111 40.4 20.0 60.0
 148 64.3 32.1 96.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.182 ug/l
 RT: 14.26 min Scan# 3885
 Delta R.T. -0.00 min
 Lab File: VN051404.D
 Acq: 23 Sep 2018 11:31

Tgt Ion: 75 Resp: 17657
 Ion Ratio Lower Upper
 75 100
 155 88.8 46.9 140.6
 157 109.2 58.4 175.1

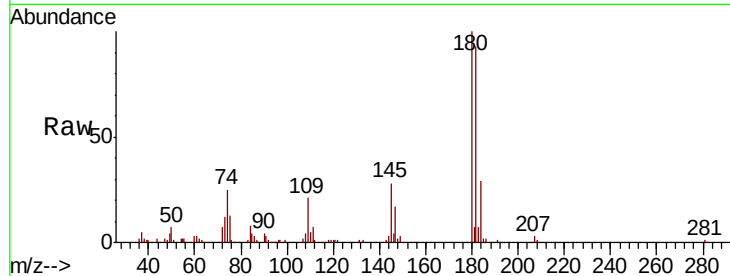




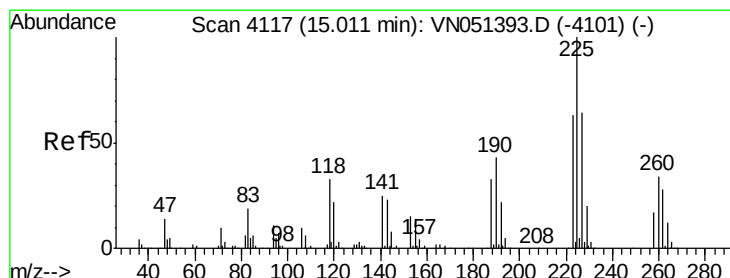
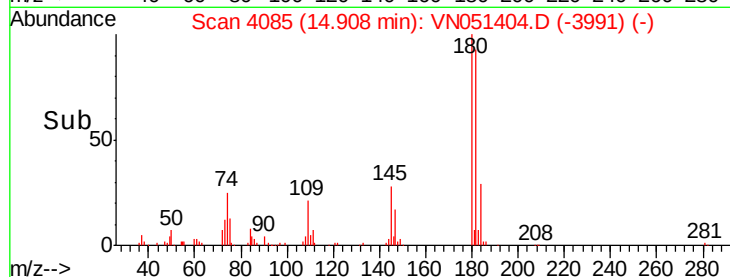
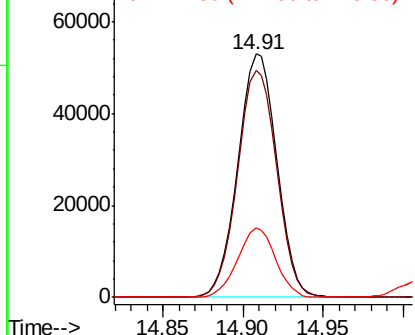
#93
 1,2,4-Trichlorobenzene
 Concen: 18.776 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN051404.D
 Acq: 23 Sep 2018 11:31

Instrument :
 MSVOA_N
 ClientSampled :
 VN0923WBSD01

Tgt Ion:180 Resp: 87552
 Ion Ratio Lower Upper
 180 100
 182 94.0 48.5 145.6
 145 27.9 14.1 42.4

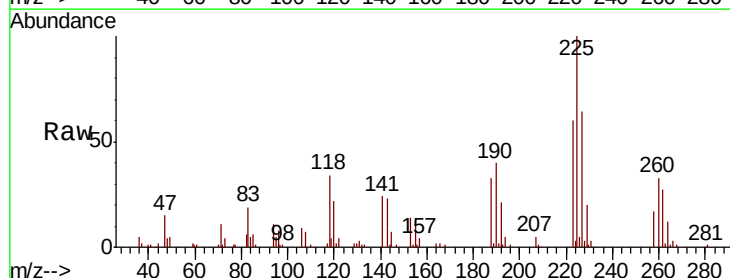


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

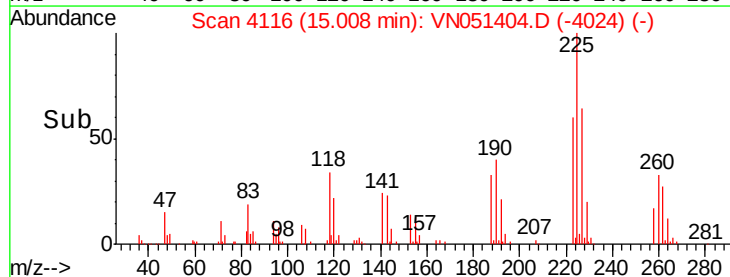
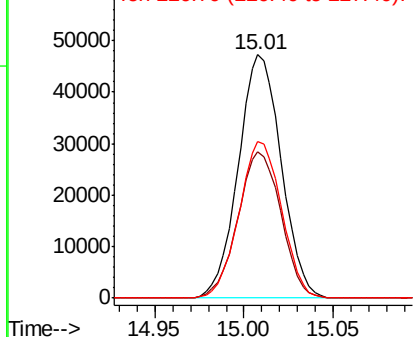


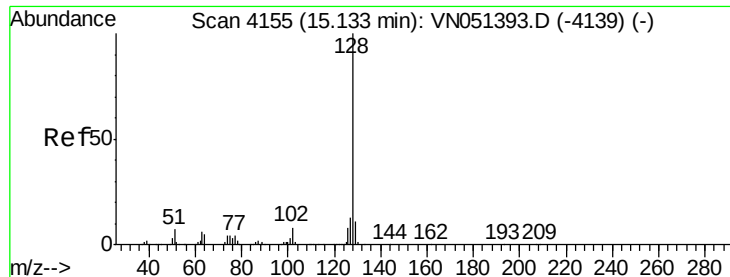
#94
 Hexachlorobutadiene
 Concen: 18.763 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. -0.00 min
 Lab File: VN051404.D
 Acq: 23 Sep 2018 11:31

Tgt Ion:225 Resp: 79330
 Ion Ratio Lower Upper
 225 100
 223 60.3 31.9 95.9
 227 63.8 32.5 97.5



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 19.290 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN051404.D

Acq: 23 Sep 2018 11:31

Instrument :

MSVOA_N

ClientSampleId :

VN0923WBSD01

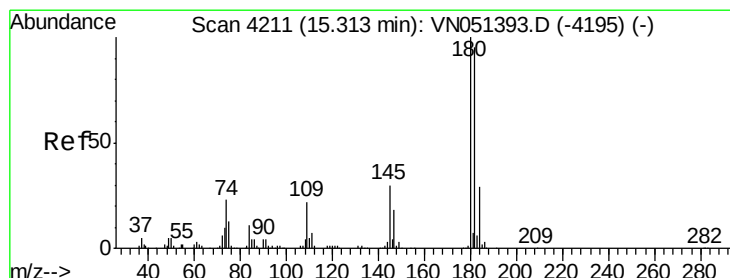
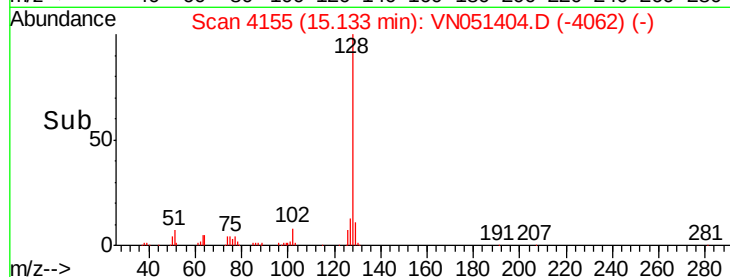
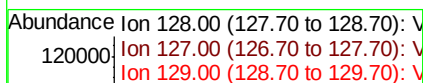
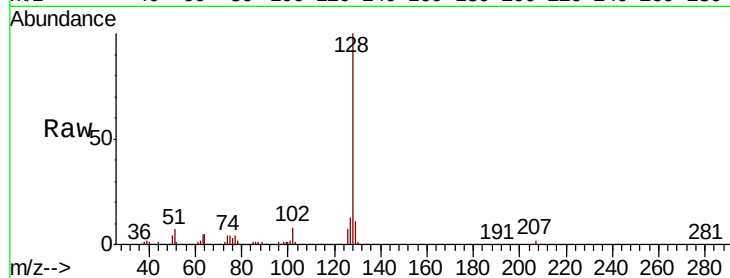
Tgt Ion:128 Resp: 155260

Ion Ratio Lower Upper

128 100

127 13.2 10.5 15.7

129 11.1 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 17.198 ug/l

RT: 15.31 min Scan# 4211

Delta R.T. -0.00 min

Lab File: VN051404.D

Acq: 23 Sep 2018 11:31

Tgt Ion:180 Resp: 92227

Ion Ratio Lower Upper

180 100

182 93.9 47.2 141.6

145 29.2 14.6 43.8

