

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092418\
 Data File : VN051452.D
 Acq On : 24 Sep 2018 11:27
 Operator : MD\SY
 Sample : VN0924MBSD01
 Misc : 5.00µg/10mL/100µL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0924MBSD01

Quant Time: Sep 25 01:55:52 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	508720	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	711541	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	635787	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	309802	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	326603	51.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.50%	
35) Dibromofluoromethane	7.59	113	293124	51.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.04%	
50) Toluene-d8	10.09	98	1091391	50.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.88%	
62) 4-Bromofluorobenzene	12.40	95	345917	49.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.82%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	89691	18.898	ug/l	98
3) Chloromethane	2.06	50	155779	20.619	ug/l	97
4) Vinyl Chloride	2.19	62	169995	20.386	ug/l	99
5) Bromomethane	2.57	94	109649	21.975	ug/l	97
6) Chloroethane	2.71	64	106660	20.527	ug/l	97
7) Trichlorofluoromethane	3.02	101	213581	19.554	ug/l	99
8) Diethyl Ether	3.41	74	62286	16.320	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.76	101	111901	18.153	ug/l	98
10) Methyl Iodide	3.95	142	149660	18.452	ug/l	99
11) Tert butyl alcohol	4.79	59	33362	92.761	ug/l #	78
12) 1,1-Dichloroethene	3.74	96	97420	17.212	ug/l	94
13) Acrolein	3.61	56	31050	86.941	ug/l	100
14) Allyl chloride	4.33	41	172028	18.115	ug/l	99
15) Acrylonitrile	4.99	53	180865	92.445	ug/l	98
16) Acetone	3.82	43	126810	72.460	ug/l	96
17) Carbon Disulfide	4.05	76	289149	17.388	ug/l	99
18) Methyl Acetate	4.33	43	91041	18.758	ug/l	97
19) Methyl tert-butyl Ether	5.05	73	273126	18.713	ug/l	98
20) Methylene Chloride	4.55	84	120558	19.118	ug/l	99
21) trans-1,2-Dichloroethene	5.04	96	104748	18.091	ug/l	97
22) Diisopropyl ether	5.95	45	368546	20.077	ug/l	97
23) Vinyl Acetate	5.90	43	1136455	94.301	ug/l	100
24) 1,1-Dichloroethane	5.85	63	216548	19.772	ug/l	98
25) 2-Butanone	6.84	43	197479	90.537	ug/l	100
26) 2,2-Dichloropropane	6.83	77	174676	20.431	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	123013	19.362	ug/l	98
28) Bromochloromethane	7.20	49	96122	19.005	ug/l	100
29) Tetrahydrofuran	7.21	42	133339	96.465	ug/l	97
30) Chloroform	7.37	83	220293	20.299	ug/l	97
31) Cyclohexane	7.66	56	188823	18.817	ug/l	95
32) 1,1,1-Trichloroethane	7.57	97	190147	20.495	ug/l	100
36) 1,1-Dichloropropene	7.79	75	160930	19.531	ug/l	99
37) Ethyl Acetate	6.93	43	93853	19.810	ug/l	100
38) Carbon Tetrachloride	7.77	117	171203	19.865	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	179460	18.631	ug/l	97
40) Benzene	8.04	78	479425	19.816	ug/l	99
41) Methacrylonitrile	7.17	41	47672	18.188	ug/l	96
42) 1,2-Dichloroethane	8.13	62	156196	20.162	ug/l	99
43) Isopropyl Acetate	8.17	43	166496	19.435	ug/l #	89
44) Trichloroethene	8.84	130	129540	20.158	ug/l	97
45) 1,2-Dichloropropane	9.12	63	133864	20.355	ug/l	100
46) Dibromomethane	9.21	93	73975	19.907	ug/l	99
47) Bromodichloromethane	9.40	83	165197	20.089	ug/l	99
48) Methyl methacrylate	9.20	41	80706	18.896	ug/l	98
49) 1,4-Dioxane	9.20	88	19221	367.199	ug/l	94
51) 4-Methyl-2-Pentanone	9.99	43	450054	95.524	ug/l	99
52) Toluene	10.16	92	298014	19.821	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	156036	18.795	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	188578	19.587	ug/l	98
55) 1,1,2-Trichloroethane	10.56	97	106886	20.115	ug/l	98
56) Ethyl methacrylate	10.43	69	118664	18.265	ug/l	97
57) 1,3-Dichloropropane	10.71	76	179334	19.690	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	299991	98.741	ug/l	100
59) 2-Hexanone	10.75	43	276312	90.468	ug/l	98
60) Dibromochloromethane	10.90	129	120861	19.277	ug/l	99
61) 1,2-Dibromoethane	11.00	107	99513	19.291	ug/l	100
64) Tetrachloroethene	10.63	164	118423	20.524	ug/l	98
65) Chlorobenzene	11.43	112	319214	19.569	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.51	131	123153	19.816	ug/l	99
67) Ethyl Benzene	11.51	91	537697	19.559	ug/l	100
68) m/p-Xylenes	11.62	106	409808	38.539	ug/l	99
69) o-Xylene	11.95	106	195519	19.126	ug/l	97
70) Styrene	11.96	104	310195	19.150	ug/l	99
71) Bromoform	12.13	173	80447	19.077	ug/l #	98
73) Isopropylbenzene	12.25	105	526126	20.128	ug/l	99
74) N-amyl acetate	12.07	43	125189	19.088	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.50	83	123956	20.336	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	150482	29.260	ug/l #	100
77) Bromobenzene	12.53	156	129811	19.618	ug/l	97
78) n-propylbenzene	12.59	91	593179	20.135	ug/l	99
79) 2-Chlorotoluene	12.67	91	357299	20.262	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	442748	20.772	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	30223	18.070	ug/l	95
82) 4-Chlorotoluene	12.77	91	352203	20.011	ug/l	98
83) tert-Butylbenzene	12.99	119	386889	20.393	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	441223	20.543	ug/l	100
85) sec-Butylbenzene	13.17	105	522094	20.343	ug/l	98
86) p-Isopropyltoluene	13.29	119	452983	20.398	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	223209	19.493	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	216677	19.666	ug/l	98
89) n-Butylbenzene	13.61	91	355410	19.462	ug/l	99
90) Hexachloroethane	13.87	117	86391	19.524	ug/l	98
91) 1,2-Dichlorobenzene	13.65	146	219216	19.730	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	17958	20.644	ug/l	97

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

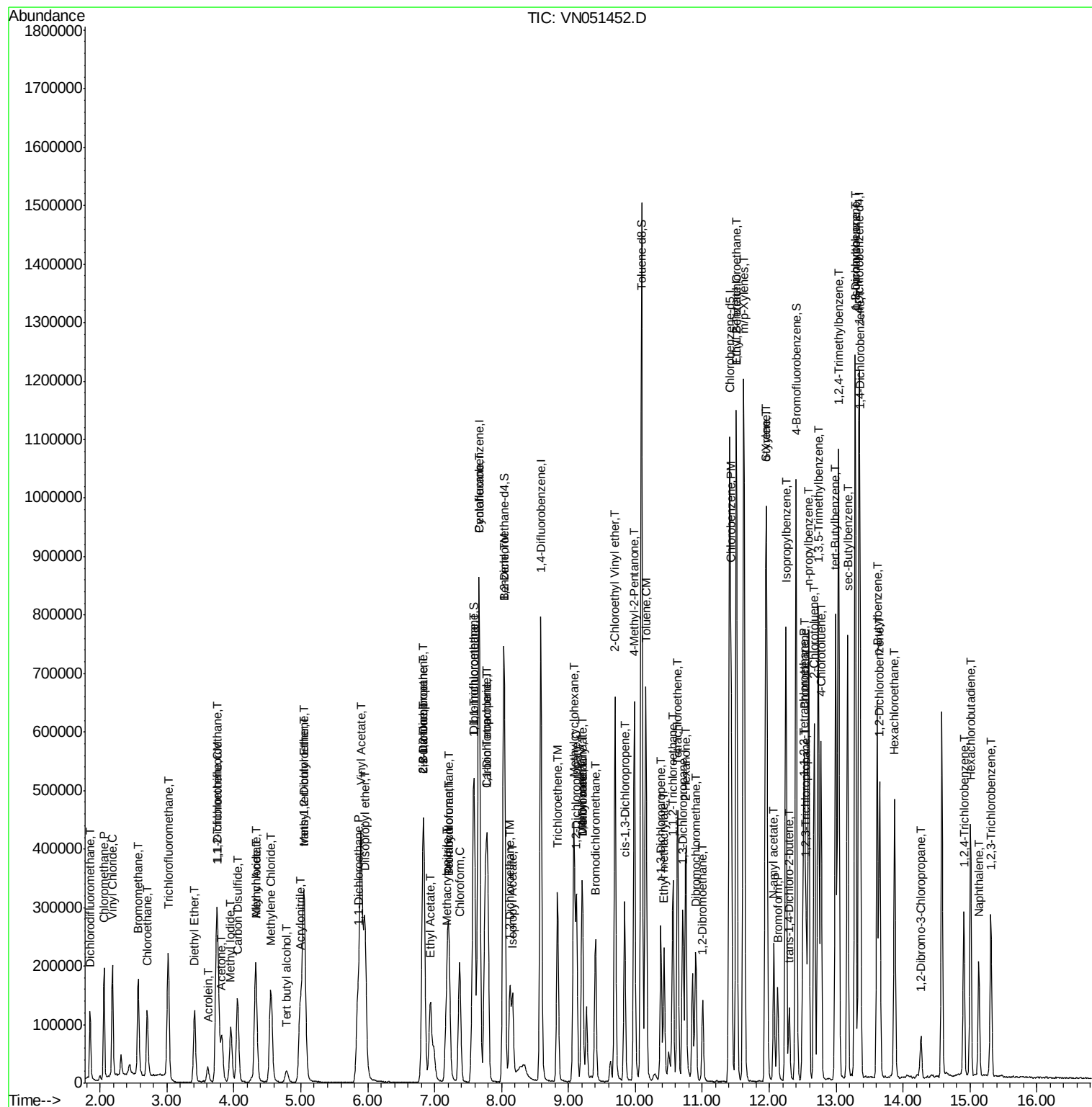
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	97078	20.250	ug/l	97
94) Hexachlorobutadiene	15.01	225	88208	20.983	ug/l	99
95) Naphthalene	15.13	128	165523	20.102	ug/l	98
96) 1,2,3-Trichlorobenzene	15.31	180	100642	18.875	ug/l	96

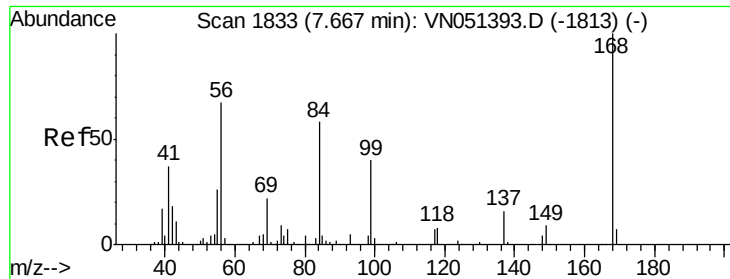
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN092418\
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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN051452.D

Acq: 24 Sep 2018 11:27

Instrument :

MSVOA_N

ClientSampleId :

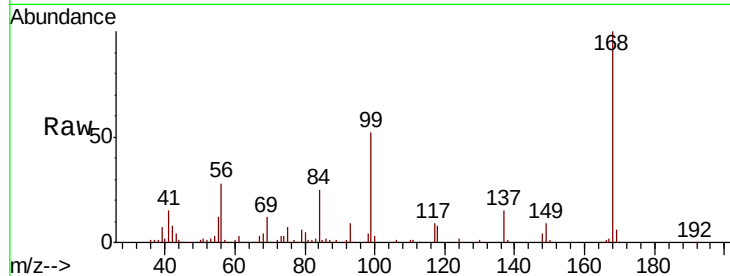
VN0924MBSD01

Tot Ion:168 Resp: 508720

Ion Ratio Lower Upper

168 100

99 52.0 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

200000

150000

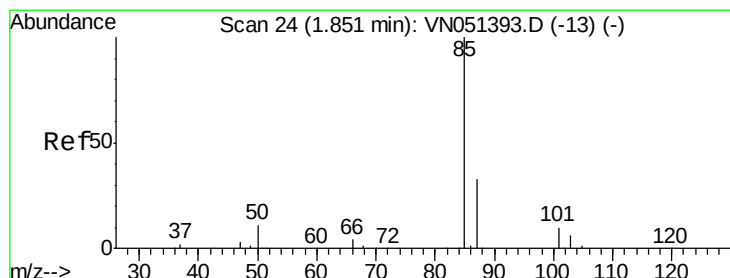
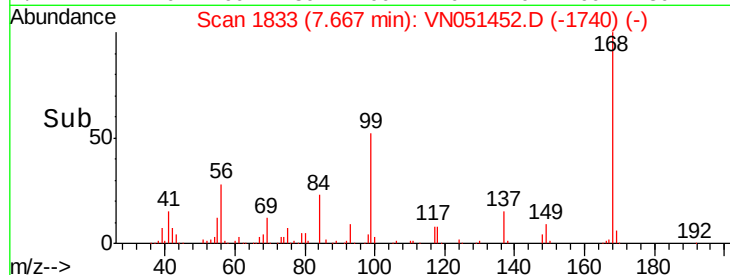
100000

50000

0

7.60 7.70 7.80

Time-->



#2

Dichlorodifluoromethane

Concen: 18.898 ug/l

RT: 1.85 min Scan# 24

Delta R.T. 0.00 min

Lab File: VN051452.D

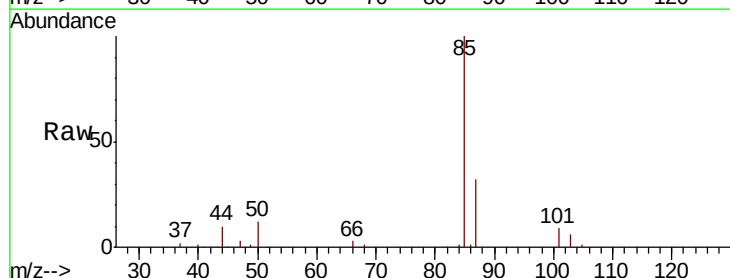
Acq: 24 Sep 2018 11:27

Tgt Ion: 85 Resp: 89691

Ion Ratio Lower Upper

85 100

87 31.7 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.85

60000

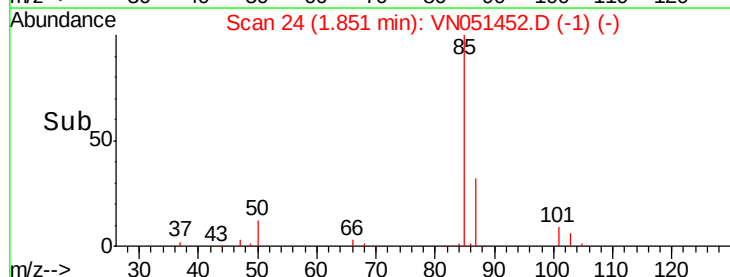
40000

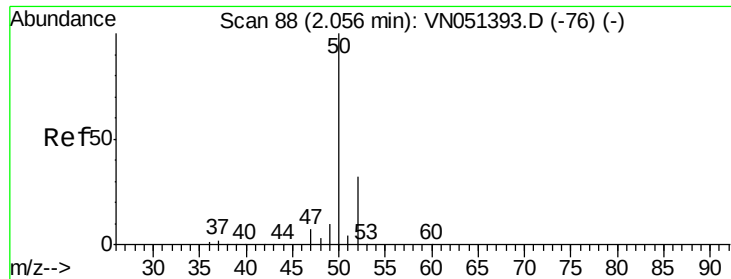
20000

0

1.80 1.85 1.90 1.95

Time-->





#3

Chloromethane

Concen: 20.619 ug/l

RT: 2.06 min Scan# 89

Delta R.T. 0.00 min

Lab File: VN051452.D

Acq: 24 Sep 2018 11:27

Instrument :

MSVOA_N

ClientSampleId :

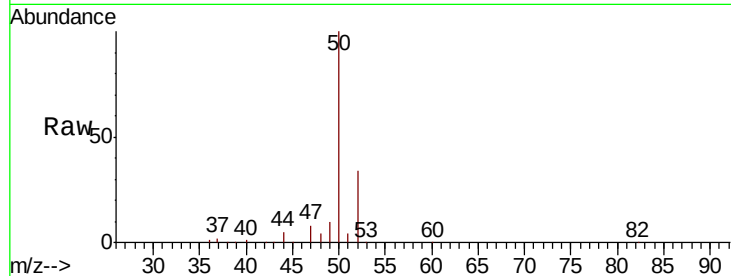
VN0924MBSD01

Tot Ion: 50 Resp: 155779

Ion Ratio Lower Upper

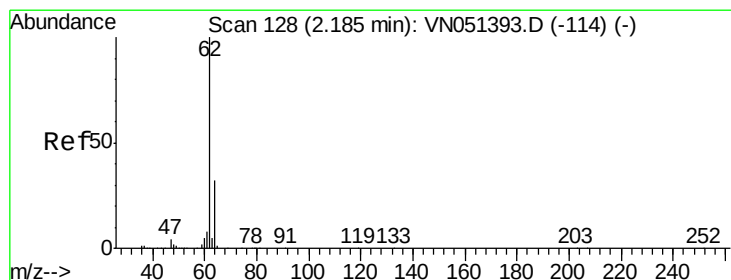
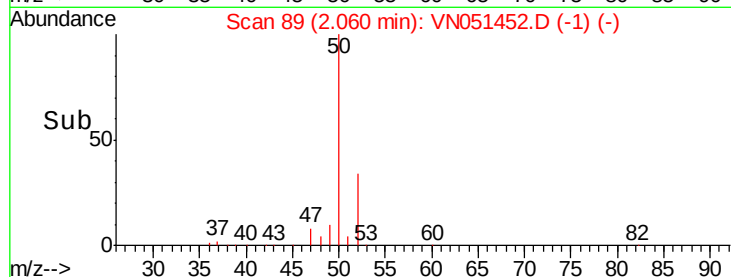
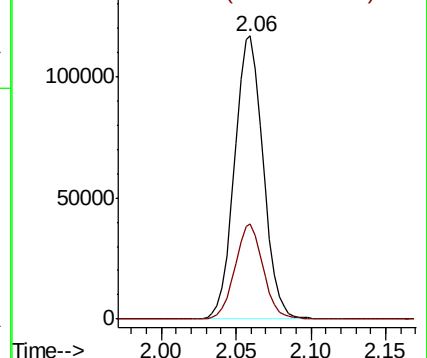
50 100

52 33.7 25.7 38.5



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0



#4

Vinyl Chloride

Concen: 20.386 ug/l

RT: 2.19 min Scan# 128

Delta R.T. 0.00 min

Lab File: VN051452.D

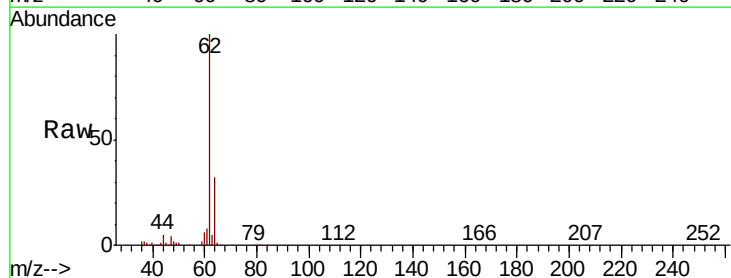
Acq: 24 Sep 2018 11:27

Tgt Ion: 62 Resp: 169995

Ion Ratio Lower Upper

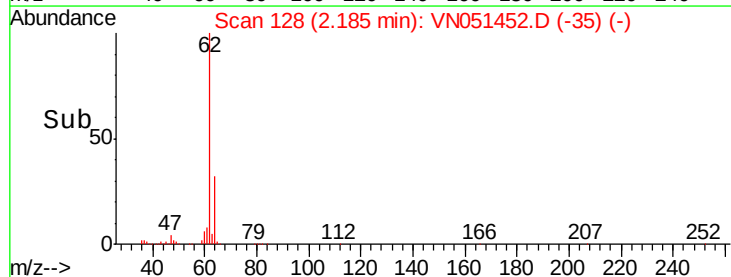
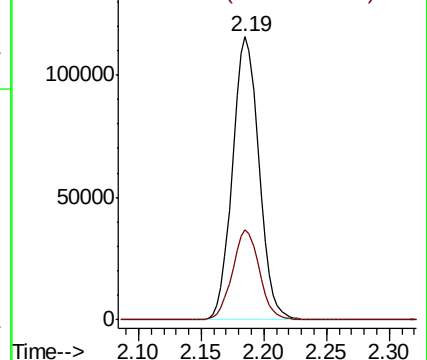
62 100

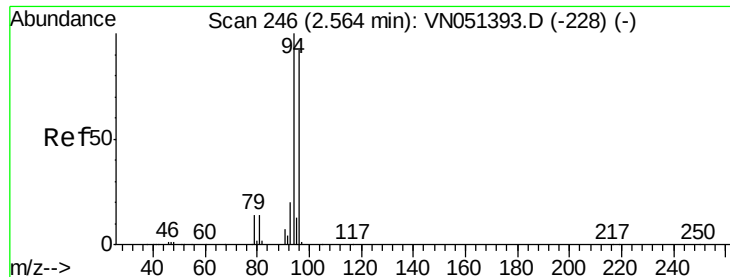
64 31.6 25.8 38.8



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0





#5

Bromomethane

Concen: 21.975 ug/l

RT: 2.57 min Scan# 248

Delta R.T. 0.01 min

Lab File: VN051452.D

Acq: 24 Sep 2018 11:27

Instrument :

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ClientSampleId :

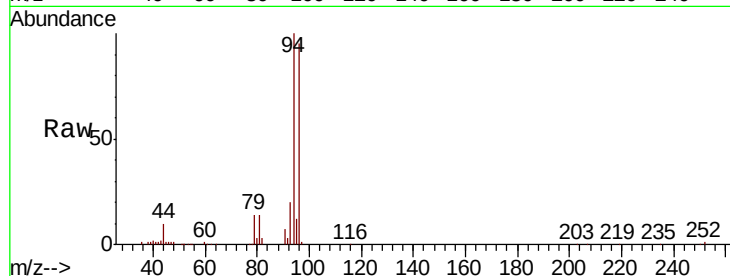
VN0924MBSD01

Tot Ion: 94 Resp: 109649

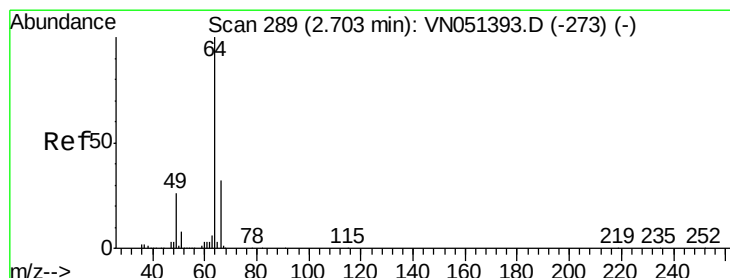
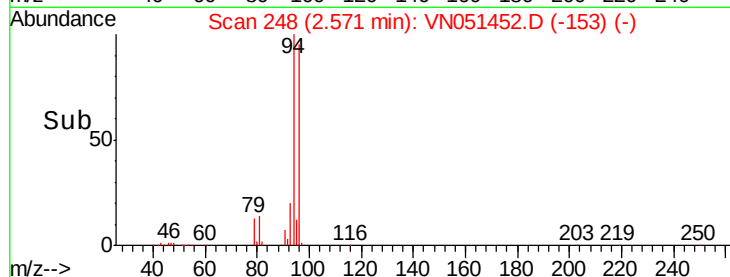
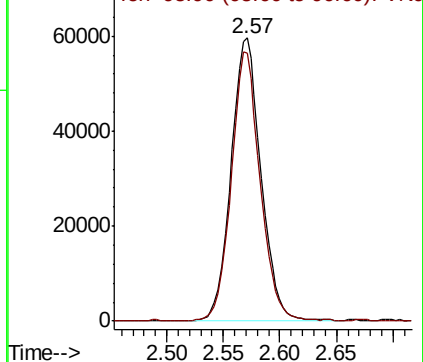
Ion Ratio Lower Upper

94 100

96 94.5 73.6 110.4



Abundance Ion 93.90 (93.60 to 94.60): VNO
Ion 95.90 (95.60 to 96.60): VNO



#6

Chloroethane

Concen: 20.527 ug/l

RT: 2.71 min Scan# 290

Delta R.T. 0.00 min

Lab File: VN051452.D

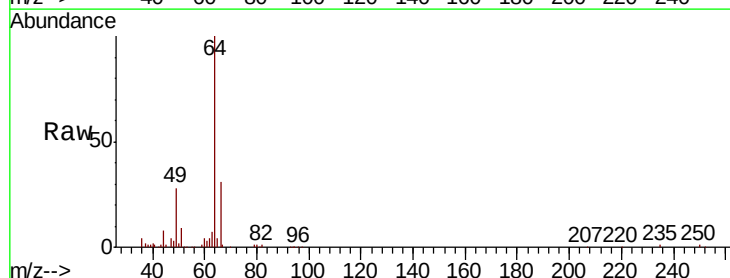
Acq: 24 Sep 2018 11:27

Tgt Ion: 64 Resp: 106660

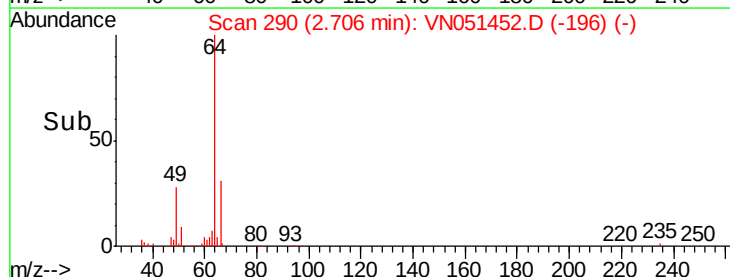
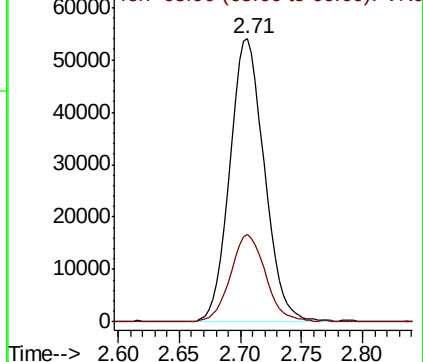
Ion Ratio Lower Upper

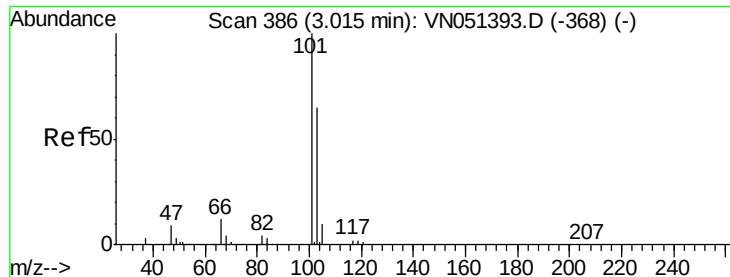
64 100

66 30.8 25.9 38.9



Abundance Ion 63.90 (63.60 to 64.60): VNO
Ion 65.90 (65.60 to 66.60): VNO



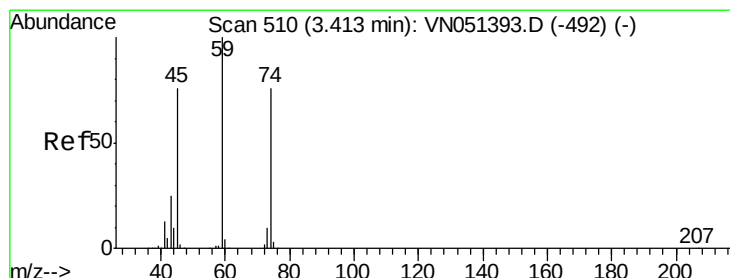
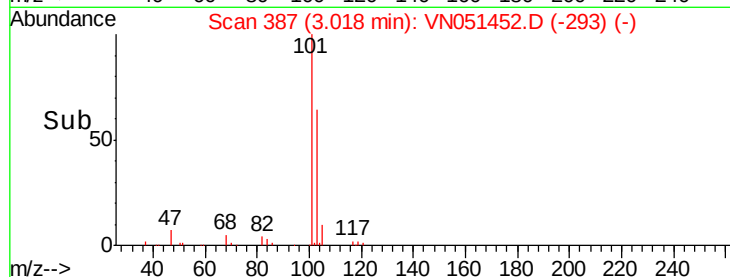
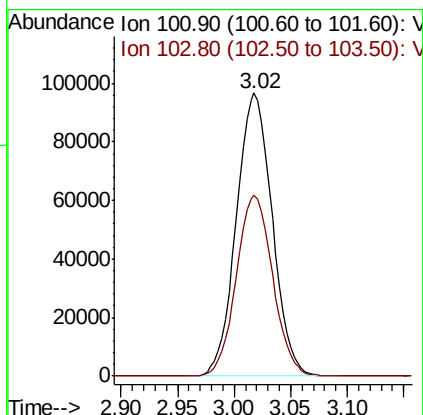
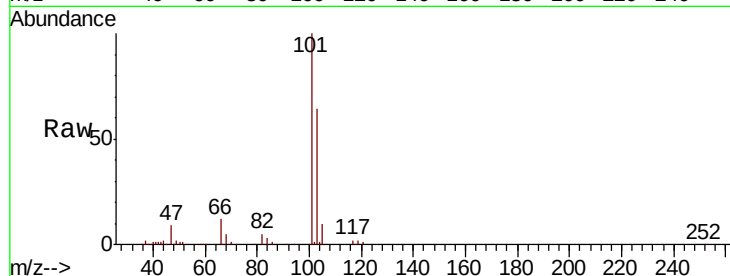


#7

Trichlorofluoromethane
 Concen: 19.554 ug/l
 RT: 3.02 min Scan# 387
 Delta R.T. 0.00 min
 Lab File: VN051452.D
 Acq: 24 Sep 2018 11:27

Instrument :
 MSVOA_N
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 VN0924MBSD01

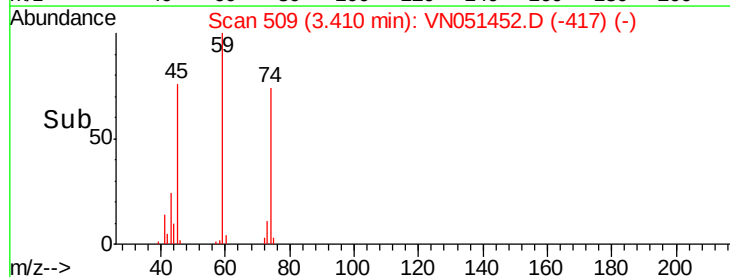
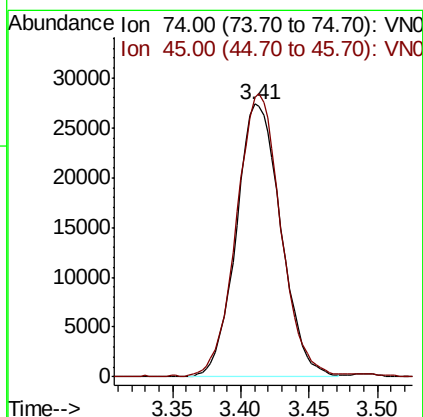
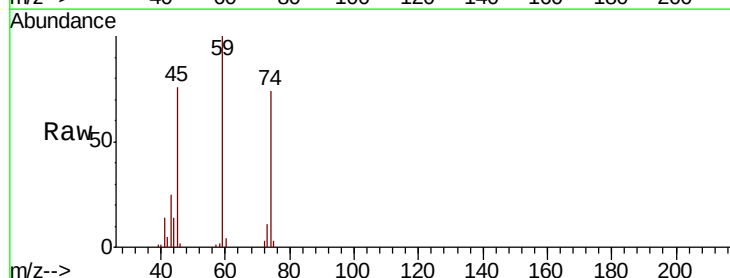
Tot Ion:101 Resp: 213581
 Ion Ratio Lower Upper
 101 100
 103 63.8 51.8 77.8

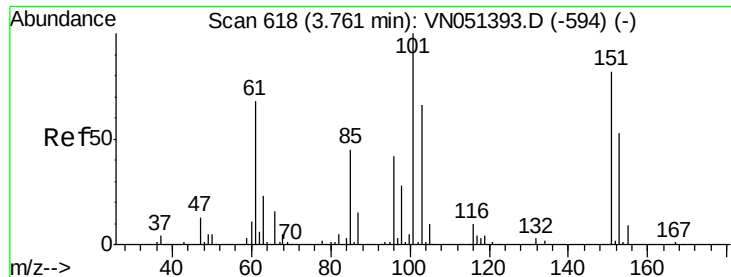


#8

Diethyl Ether
 Concen: 16.320 ug/l
 RT: 3.41 min Scan# 509
 Delta R.T. -0.00 min
 Lab File: VN051452.D
 Acq: 24 Sep 2018 11:27

Tgt Ion: 74 Resp: 62286
 Ion Ratio Lower Upper
 74 100
 45 103.4 50.2 150.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.153 ug/l

RT: 3.76 min Scan# 618

Delta R.T. 0.00 min

Lab File: VN051452.D

Acq: 24 Sep 2018 11:27

Instrument :

MSVOA_N

ClientSampleId :

VN0924MBSD01

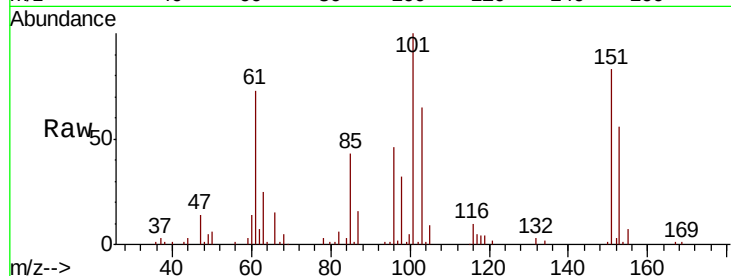
Tot Ion:101 Resp: 111901

Ion Ratio Lower Upper

101 100

85 43.6 33.9 50.9

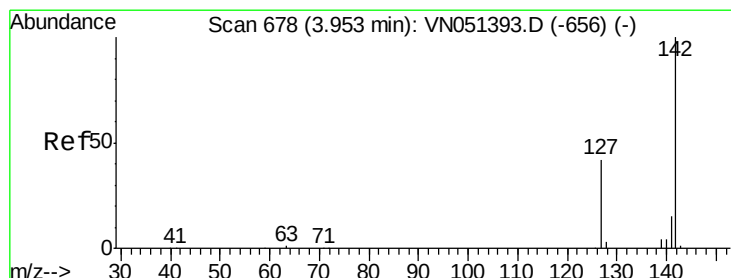
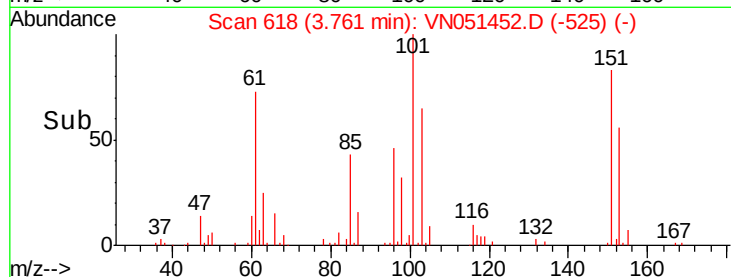
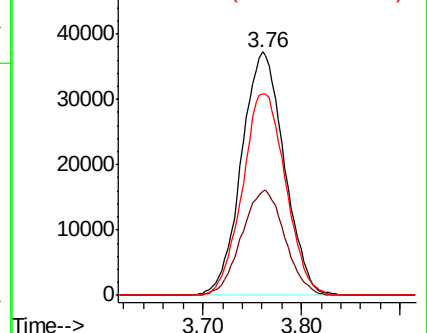
151 83.6 65.2 97.8



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: 18.452 ug/l

RT: 3.95 min Scan# 678

Delta R.T. 0.00 min

Lab File: VN051452.D

Acq: 24 Sep 2018 11:27

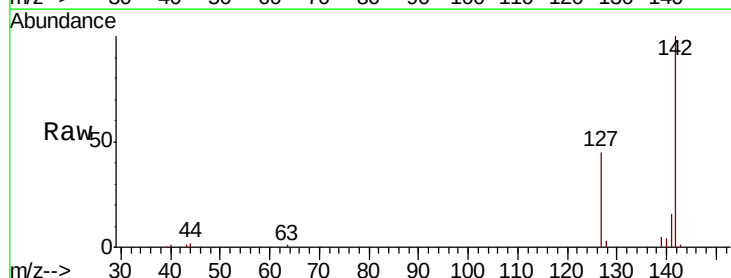
Tgt Ion:142 Resp: 149660

Ion Ratio Lower Upper

142 100

127 42.7 33.2 49.8

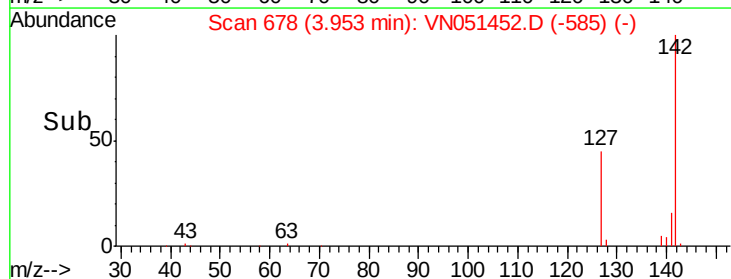
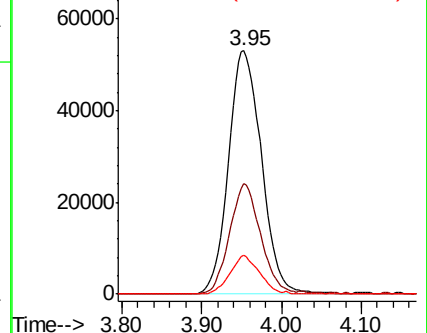
141 14.4 11.5 17.3

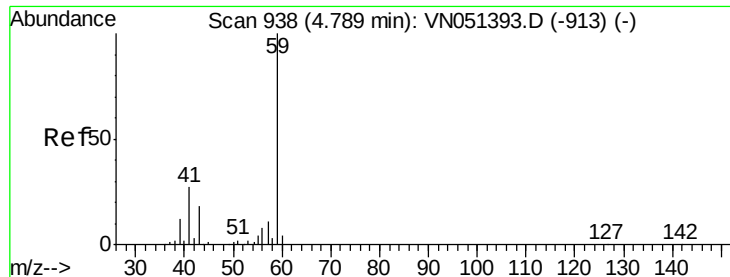


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



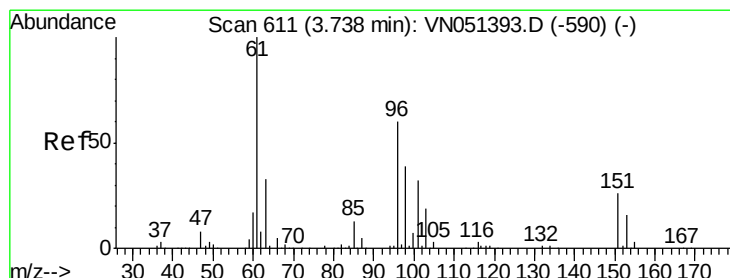
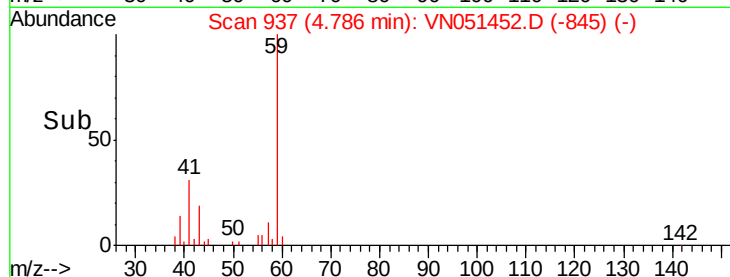
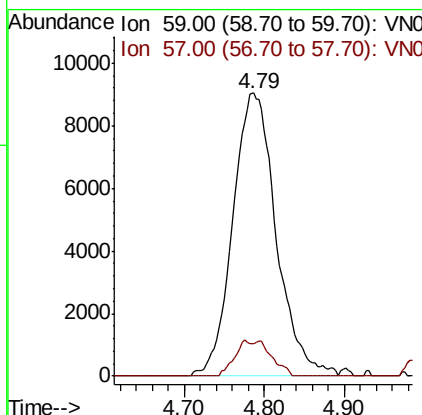
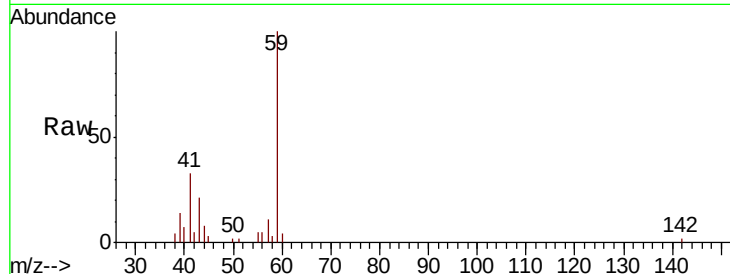


#11

Tert butyl alcohol
 Concen: 92.761 ug/l
 RT: 4.79 min Scan# 937
 Delta R.T. -0.00 min
 Lab File: VN051452.D
 Acq: 24 Sep 2018 11:27

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0924MBSD01

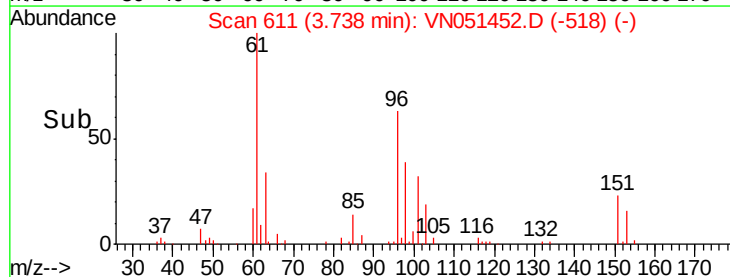
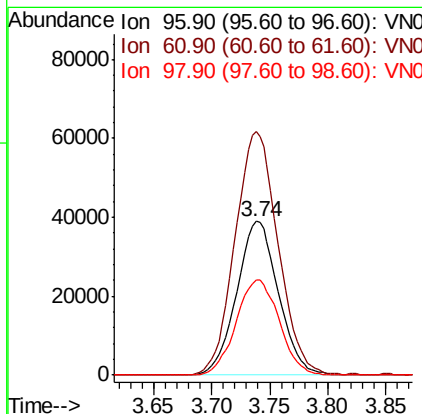
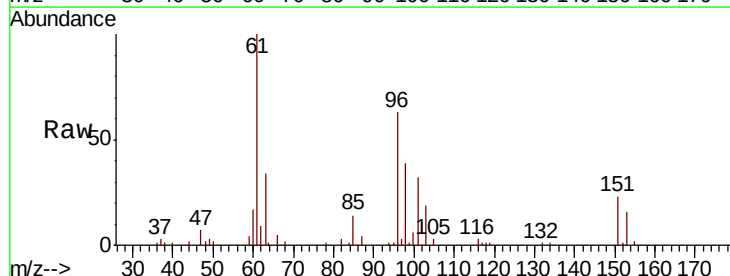
Tot Ion: 59 Resp: 33362
 Ion Ratio Lower Upper
 59 100
 57 0.0 6.2 9.2#

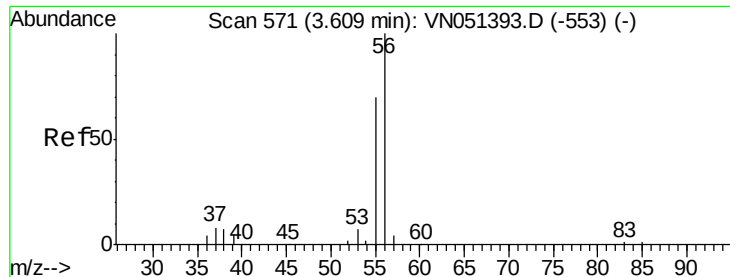


#12

1,1-Dichloroethene
 Concen: 17.212 ug/l
 RT: 3.74 min Scan# 611
 Delta R.T. 0.00 min
 Lab File: VN051452.D
 Acq: 24 Sep 2018 11:27

Tgt Ion: 96 Resp: 97420
 Ion Ratio Lower Upper
 96 100
 61 158.2 133.6 200.4
 98 62.1 52.2 78.2





#13

Acrolein

Concen: 86.941 ug/l

RT: 3.61 min Scan# 571

Delta R.T. 0.00 min

Lab File: VN051452.D

Acq: 24 Sep 2018 11:27

Instrument :

MSVOA_N

ClientSampleId :

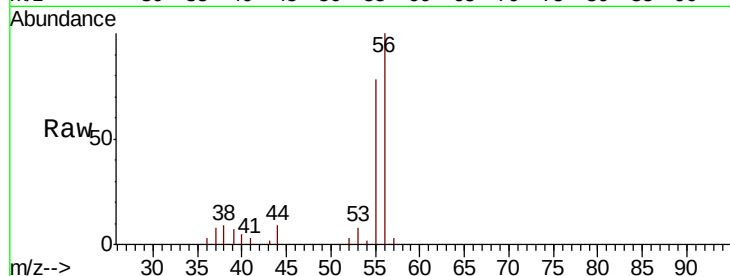
VN0924MBSD01

Tot Ion: 56 Resp: 31050

Ion Ratio Lower Upper

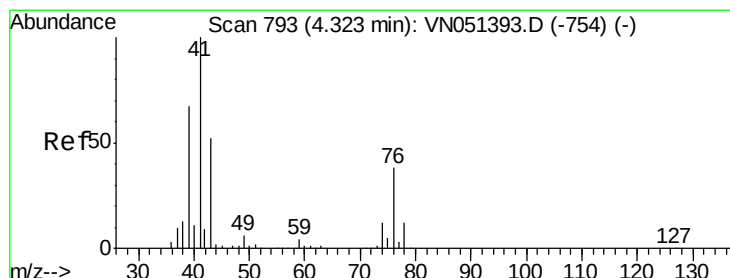
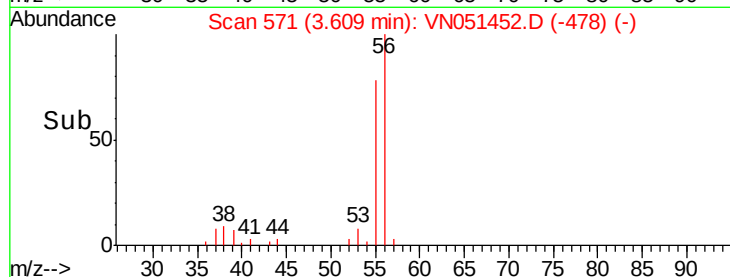
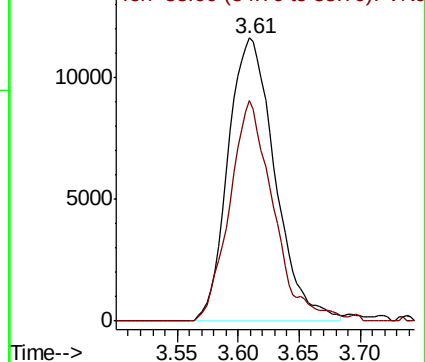
56 100

55 72.5 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: 18.115 ug/l

RT: 4.33 min Scan# 794

Delta R.T. 0.00 min

Lab File: VN051452.D

Acq: 24 Sep 2018 11:27

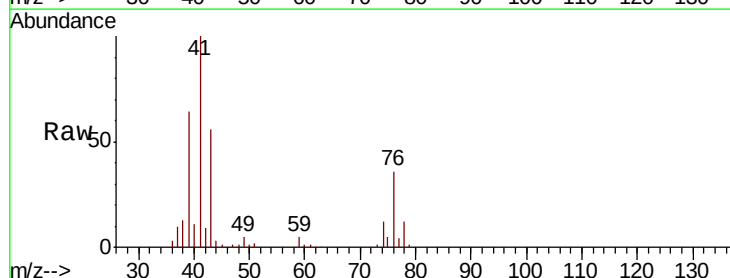
Tgt Ion: 41 Resp: 172028

Ion Ratio Lower Upper

41 100

39 64.0 51.4 77.2

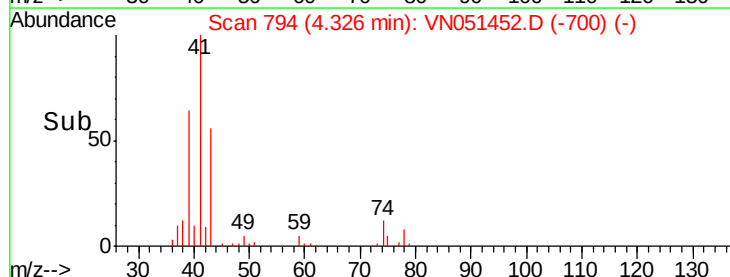
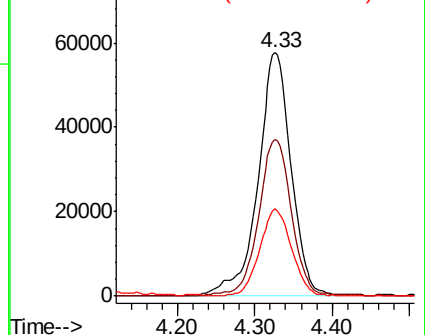
76 34.4 28.1 42.1

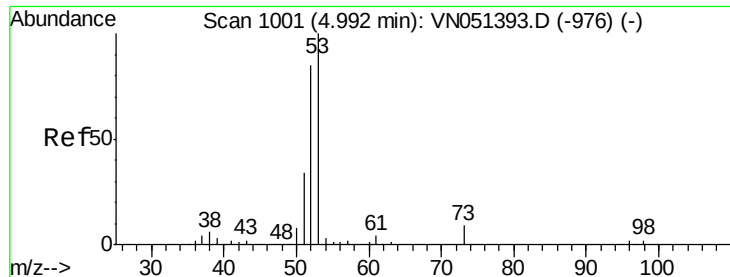


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





#15

Acrylonitrile

Concen: 92.445 ug/l

RT: 4.99 min Scan# 1000

Delta R.T. -0.00 min

Lab File: VN051452.D

Acq: 24 Sep 2018 11:27

Instrument :

MSVOA_N

ClientSampled :

VN0924MBSD01

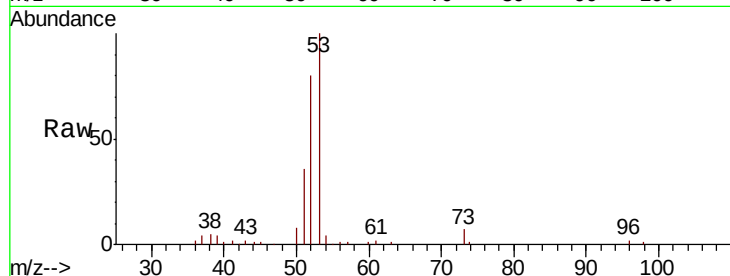
Tot Ion: 53 Resp: 180865

Ion Ratio Lower Upper

53 100

52 80.5 66.2 99.2

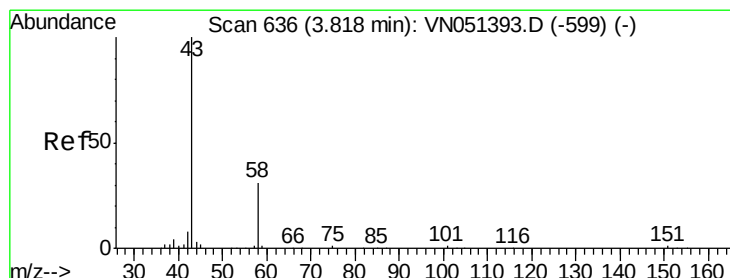
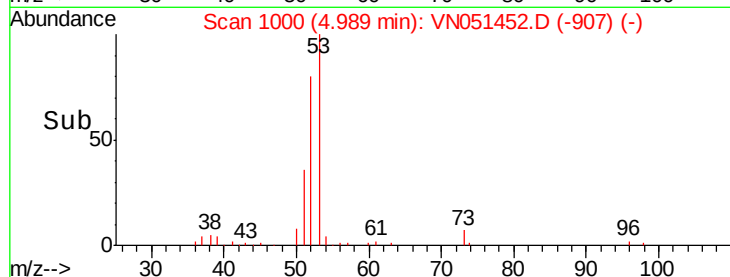
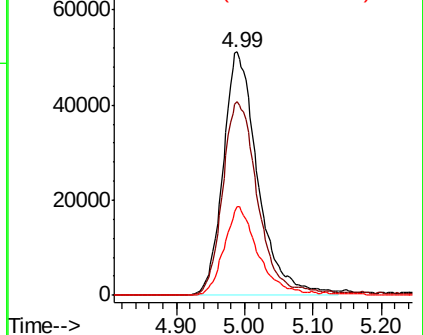
51 35.5 28.6 42.8



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: 72.460 ug/l

RT: 3.82 min Scan# 636

Delta R.T. 0.00 min

Lab File: VN051452.D

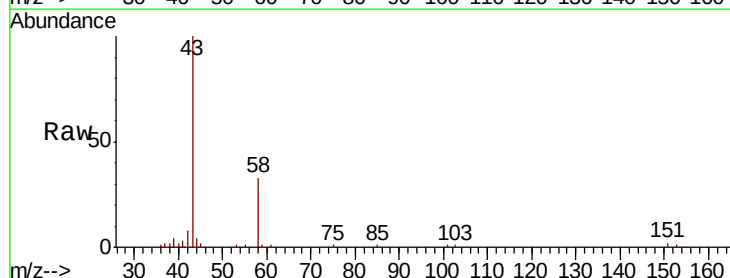
Acq: 24 Sep 2018 11:27

Tgt Ion: 43 Resp: 126810

Ion Ratio Lower Upper

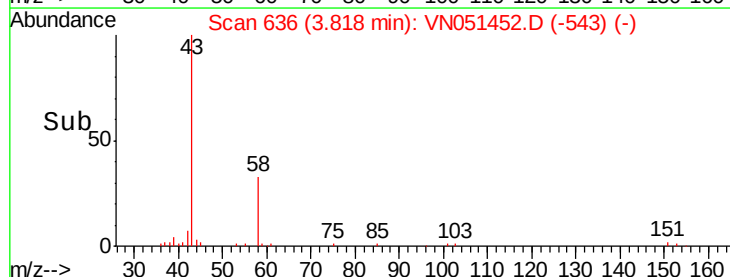
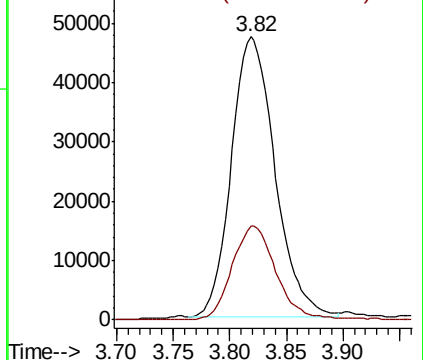
43 100

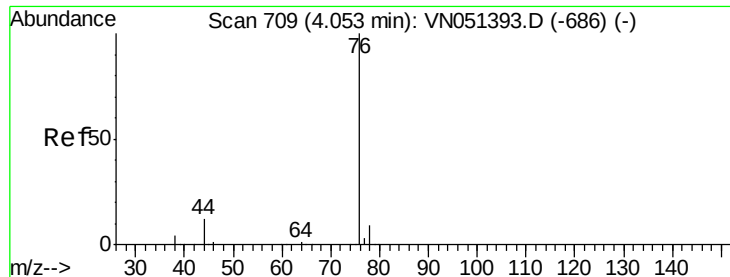
58 33.6 25.0 37.4



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

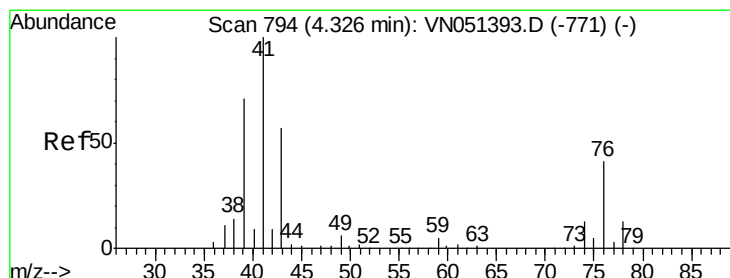
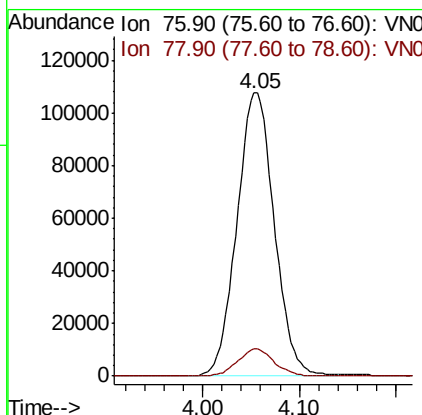
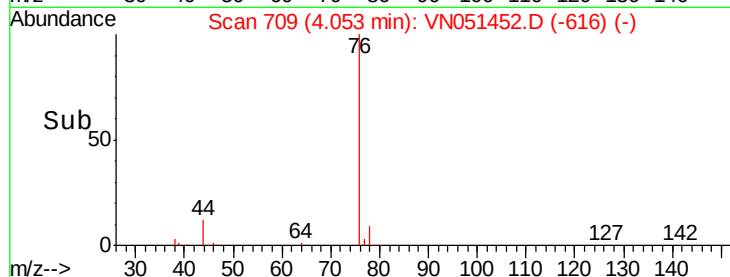
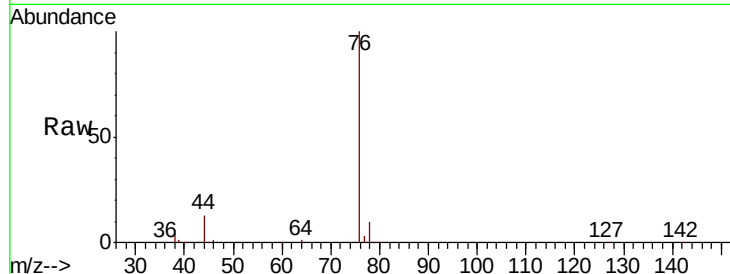




#17
Carbon Disulfide
Concen: 17.388 ug/l
RT: 4.05 min Scan# 709
Delta R.T. 0.00 min
Lab File: VN051452.D
Acq: 24 Sep 2018 11:27

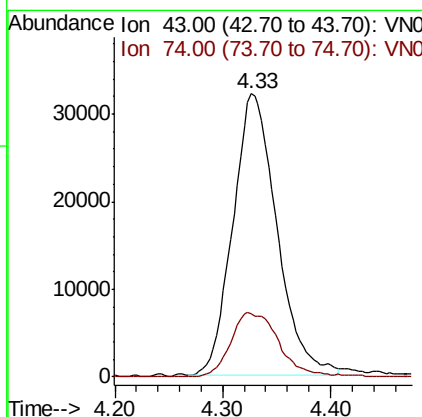
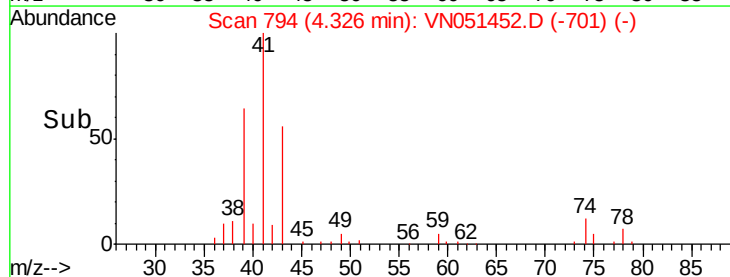
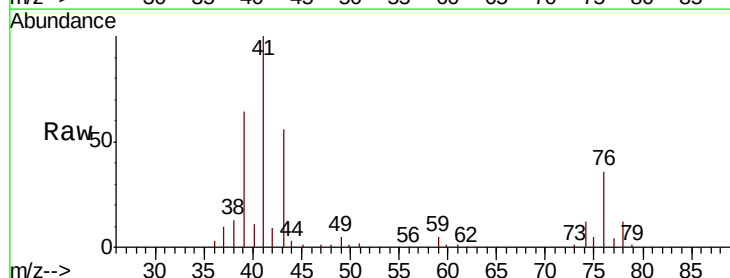
Instrument :
MSVOA_N
ClientSampleId :
VN0924MBSD01

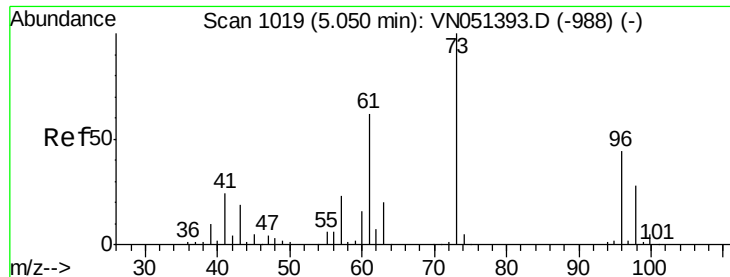
Tot Ion: 76 Resp: 289149
Ion Ratio Lower Upper
76 100
78 9.6 7.3 10.9



#18
Methyl Acetate
Concen: 18.758 ug/l
RT: 4.33 min Scan# 794
Delta R.T. 0.00 min
Lab File: VN051452.D
Acq: 24 Sep 2018 11:27

Tgt Ion: 43 Resp: 91041
Ion Ratio Lower Upper
43 100
74 24.8 18.8 28.2



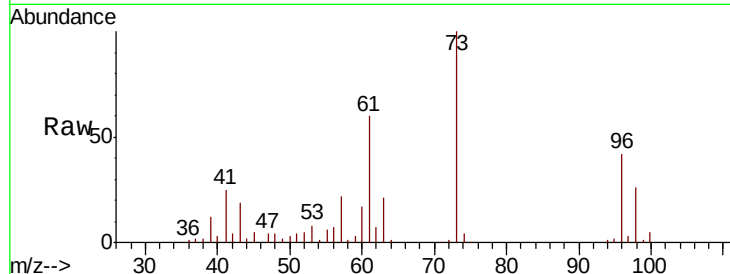


#19

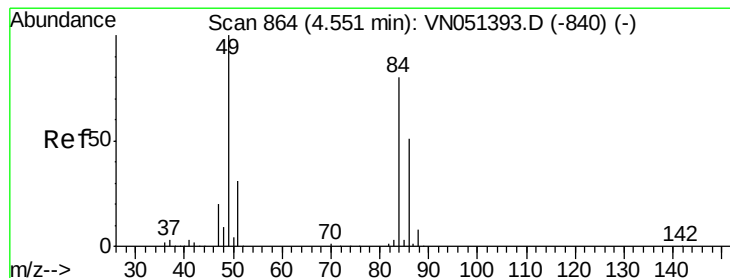
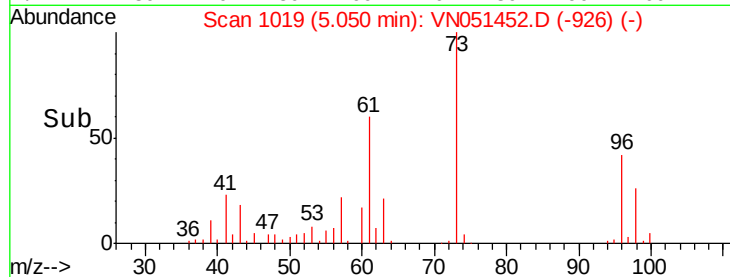
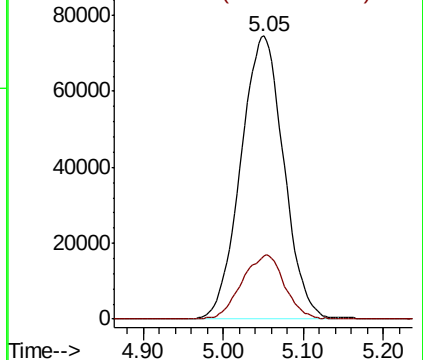
Methvl tert-butvl Ether
 Concen: 18.713 ug/l
 RT: 5.05 min Scan# 1019
 Delta R.T. 0.00 min
 Lab File: VN051452.D
 Acq: 24 Sep 2018 11:27

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0924MBSD01

Tot Ion: 73 Resp: 273126
 Ion Ratio Lower Upper
 73 100
 57 22.2 18.3 27.5



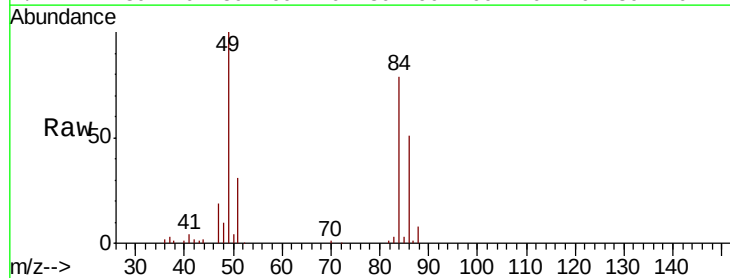
Abundance Ion 73.00 (72.70 to 73.70): VN051393.D (-988) (-)
 Ion 57.00 (56.70 to 57.70): VN051393.D (-988) (-)



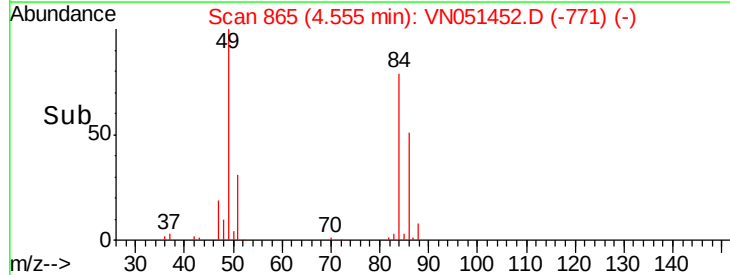
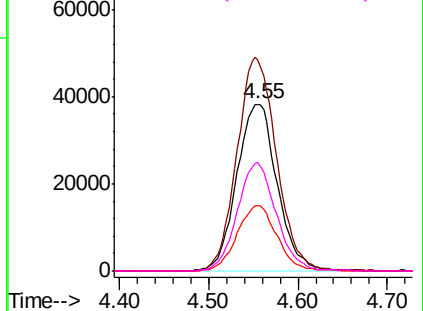
#20

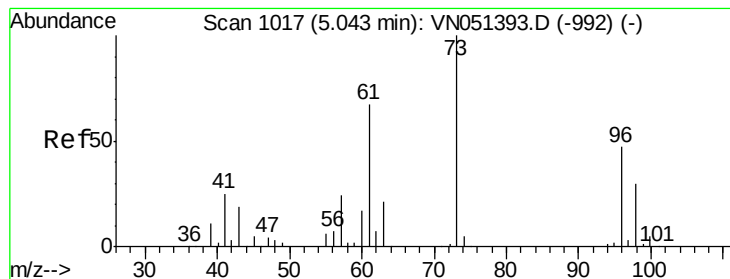
Methylene Chloride
 Concen: 19.118 ug/l
 RT: 4.55 min Scan# 865
 Delta R.T. 0.00 min
 Lab File: VN051452.D
 Acq: 24 Sep 2018 11:27

Tgt Ion: 84 Resp: 120558
 Ion Ratio Lower Upper
 84 100
 49 126.3 99.9 149.9
 51 39.4 31.4 47.2
 86 65.0 50.9 76.3



Abundance Ion 83.90 (83.60 to 84.60): VN051393.D (-840) (-)
 Ion 48.90 (48.60 to 49.60): VN051393.D (-840) (-)
 Ion 50.90 (50.60 to 51.60): VN051393.D (-840) (-)
 Ion 85.90 (85.60 to 86.60): VN051393.D (-840) (-)





#21

trans-1,2-Dichloroethene

Concen: 18.091 ug/l

RT: 5.04 min Scan# 1016

Delta R.T. -0.00 min

Lab File: VN051452.D

Acq: 24 Sep 2018 11:27

Instrument :

MSVOA_N

ClientSampleId :

VN0924MBSD01

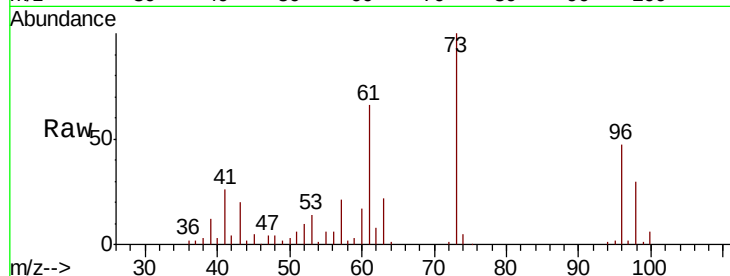
Tot Ion: 96 Resp: 104748

Ion Ratio Lower Upper

96 100

61 138.1 113.4 170.2

98 62.5 51.1 76.7

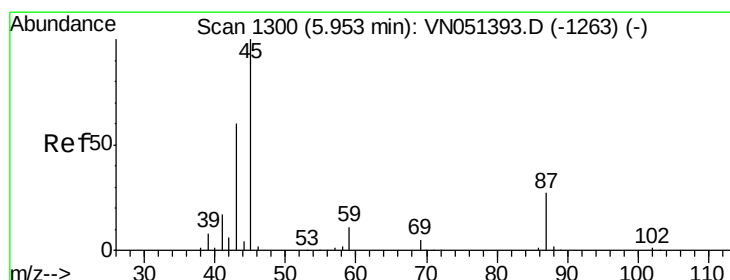
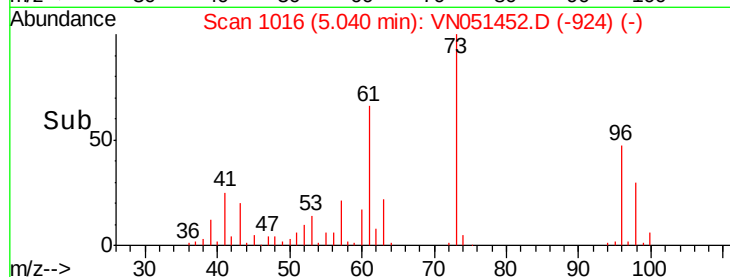
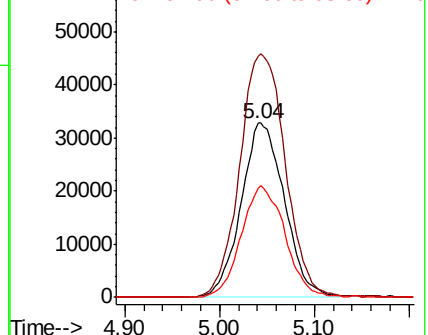


Abundance

Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#22

Diisopropyl ether

Concen: 20.077 ug/l

RT: 5.95 min Scan# 1300

Delta R.T. 0.00 min

Lab File: VN051452.D

Acq: 24 Sep 2018 11:27

Tgt Ion: 45 Resp: 368546

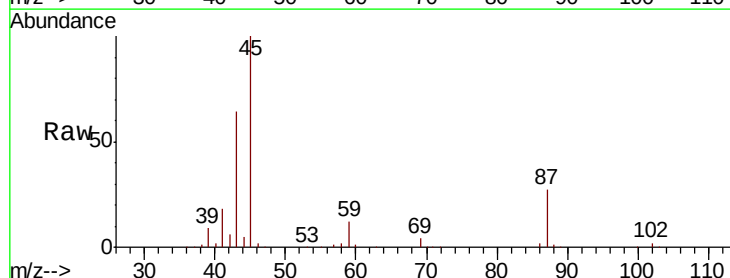
Ion Ratio Lower Upper

45 100

43 62.6 47.7 71.5

87 27.2 22.0 33.0

59 11.9 9.3 13.9



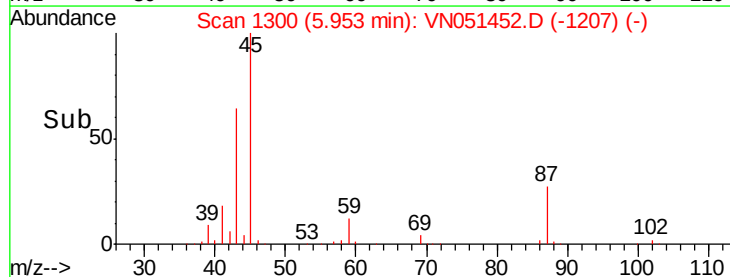
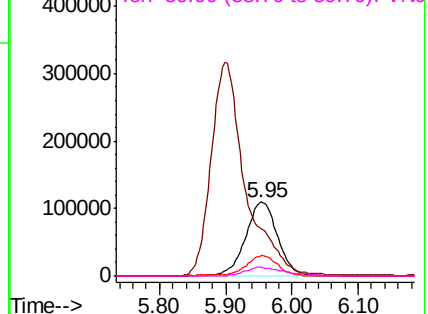
Abundance

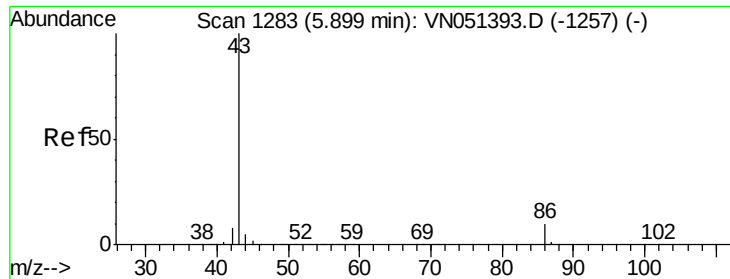
Ion 45.00 (44.70 to 45.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 87.00 (86.70 to 87.70): VN0

Ion 59.00 (58.70 to 59.70): VN0





#23

Vinyl Acetate

Concen: 94.301 ug/l

RT: 5.90 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VN051452.D

Acq: 24 Sep 2018 11:27

Instrument :

MSVOA_N

ClientSampleId :

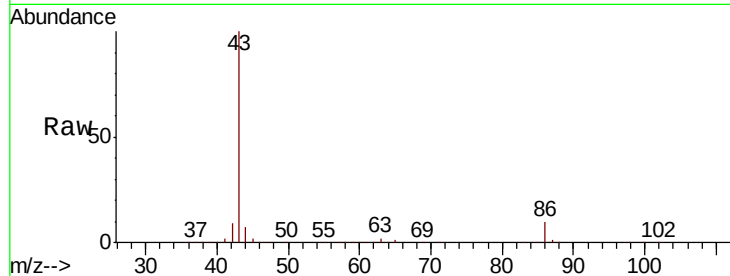
VN0924MBSD01

Tot Ion: 43 Resp: 1136455

Ion Ratio Lower Upper

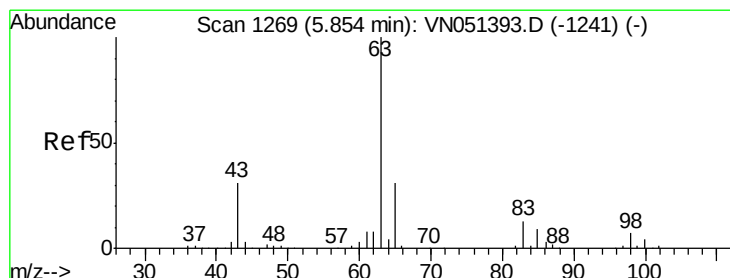
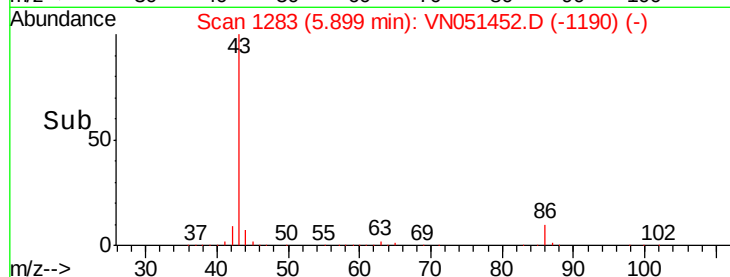
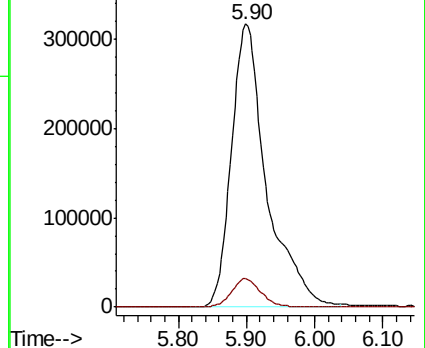
43 100

86 10.1 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: 19.772 ug/l

RT: 5.85 min Scan# 1269

Delta R.T. 0.00 min

Lab File: VN051452.D

Acq: 24 Sep 2018 11:27

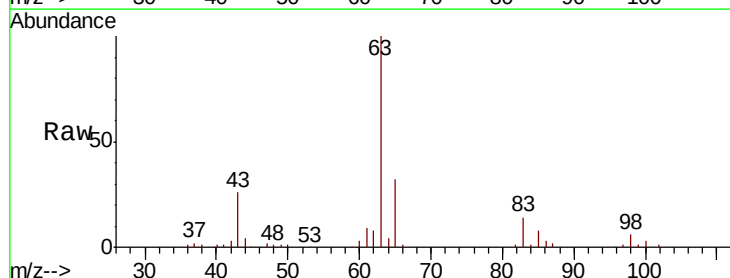
Tgt Ion: 63 Resp: 216548

Ion Ratio Lower Upper

63 100

98 6.3 3.4 10.1

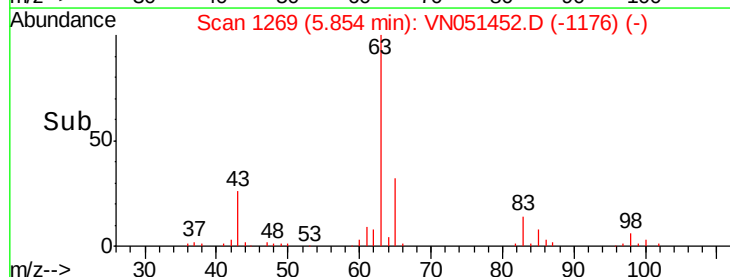
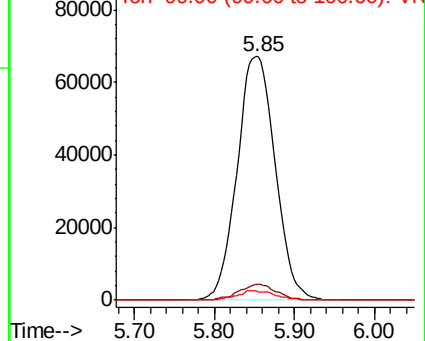
100 3.4 2.2 6.6

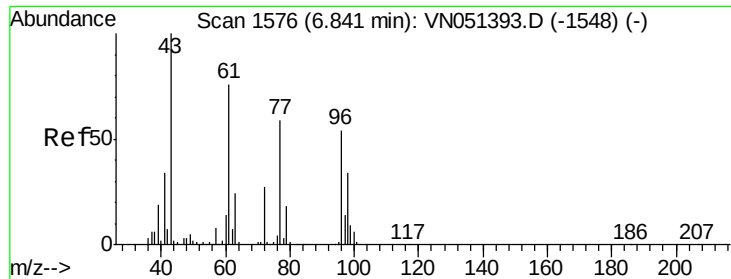


Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0

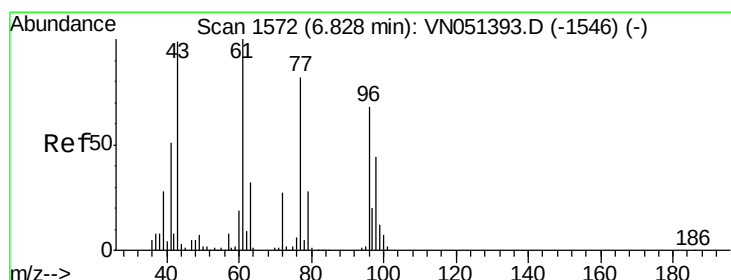
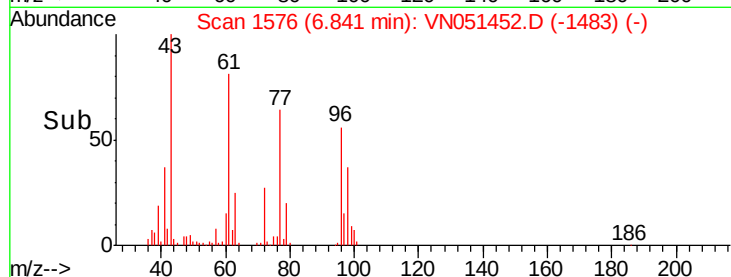
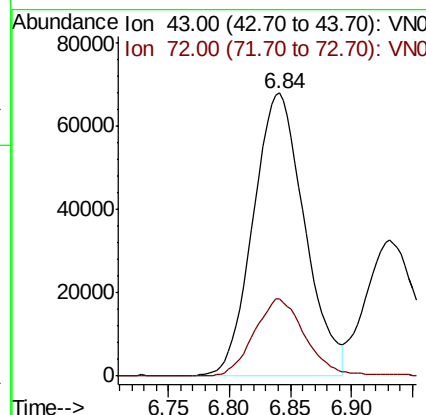
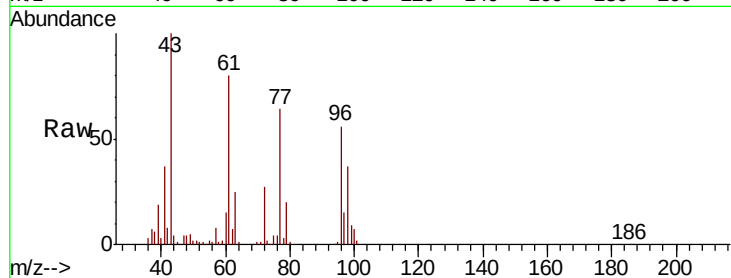




#25
 2-Butanone
 Concen: 90.537 ug/l
 RT: 6.84 min Scan# 1576
 Delta R.T. 0.00 min
 Lab File: VN051452.D
 Acq: 24 Sep 2018 11:27

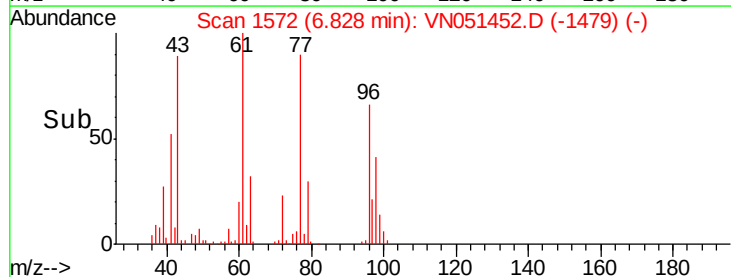
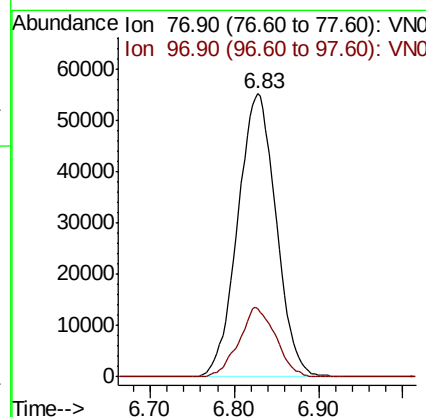
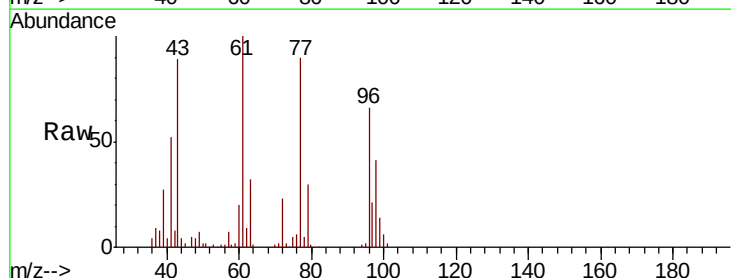
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0924MBSD01

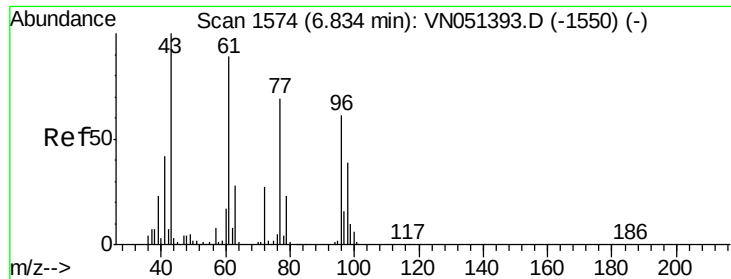
Tot Ion: 43 Resp: 197479
 Ion Ratio Lower Upper
 43 100
 72 27.3 21.8 32.6



#26
 2,2-Dichloropropane
 Concen: 20.431 ug/l
 RT: 6.83 min Scan# 1572
 Delta R.T. 0.00 min
 Lab File: VN051452.D
 Acq: 24 Sep 2018 11:27

Tgt Ion: 77 Resp: 174676
 Ion Ratio Lower Upper
 77 100
 97 23.4 11.9 35.5





#27

cis-1,2-Dichloroethene

Concen: 19.362 ug/l

RT: 6.83 min Scan# 1574

Delta R.T. 0.00 min

Lab File: VN051452.D

Acq: 24 Sep 2018 11:27

Instrument :

MSVOA_N

ClientSampleId :

VN0924MBSD01

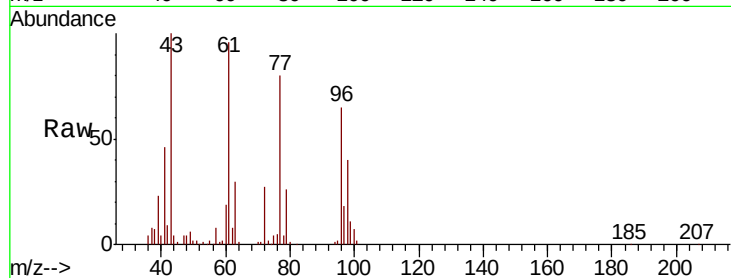
Tot Ion: 96 Resp: 123013

Ion Ratio Lower Upper

96 100

61 148.2 0.0 291.4

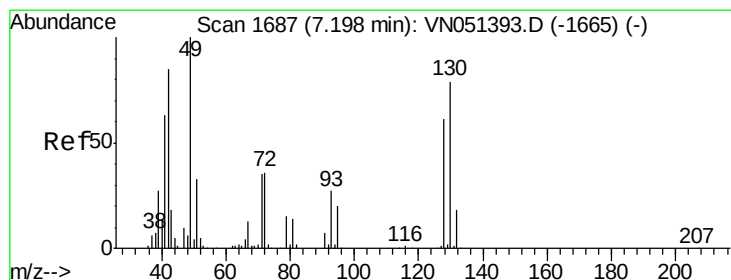
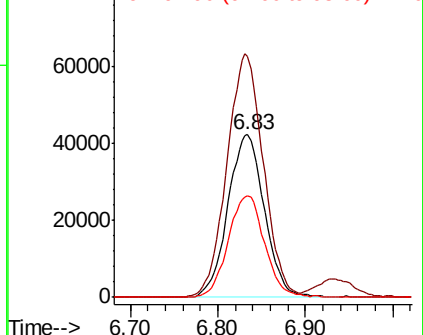
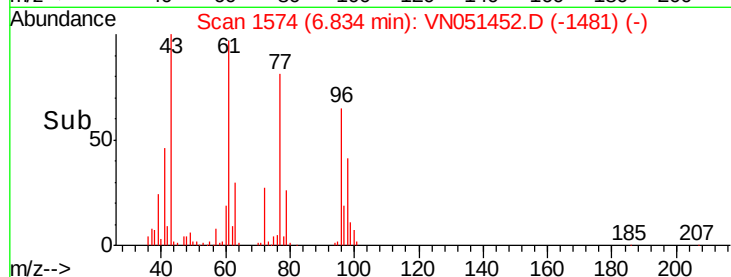
98 62.1 0.0 128.4



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: 19.005 ug/l

RT: 7.20 min Scan# 1687

Delta R.T. 0.00 min

Lab File: VN051452.D

Acq: 24 Sep 2018 11:27

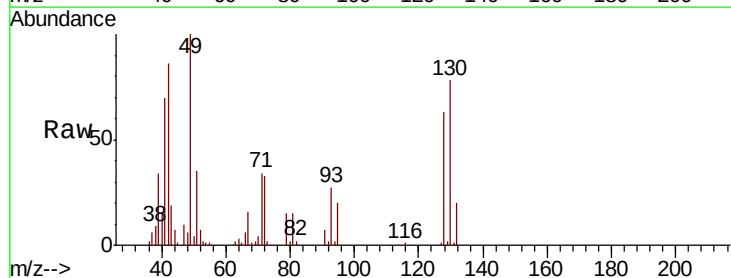
Tgt Ion: 49 Resp: 96122

Ion Ratio Lower Upper

49 100

129 2.0 0.0 3.8

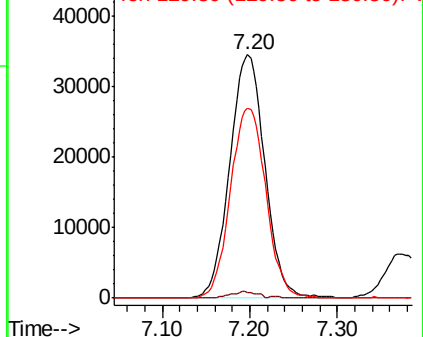
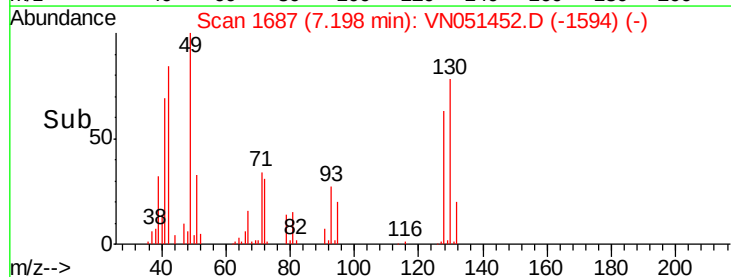
130 78.8 63.0 94.4

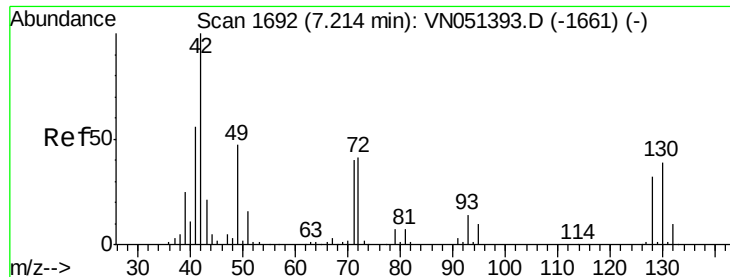


Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 96.465 ug/l

RT: 7.21 min Scan# 1692

Delta R.T. 0.00 min

Lab File: VN051452.D

Acq: 24 Sep 2018 11:27

Instrument :

MSVOA_N

ClientSampleId :

VN0924MBSD01

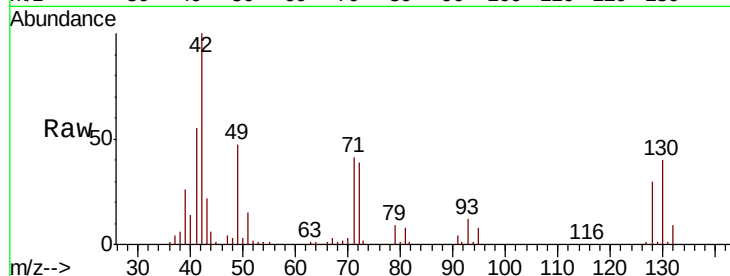
Tot Ion: 42 Resp: 133339

Ion Ratio Lower Upper

42 100

72 39.2 34.3 51.5

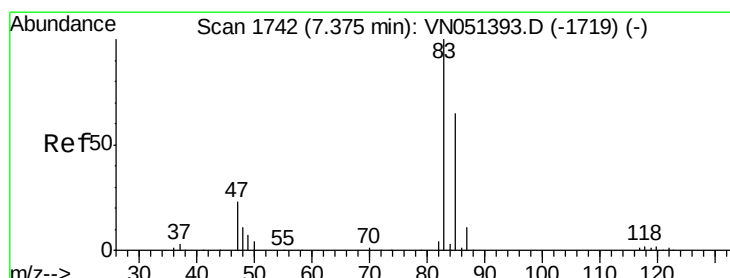
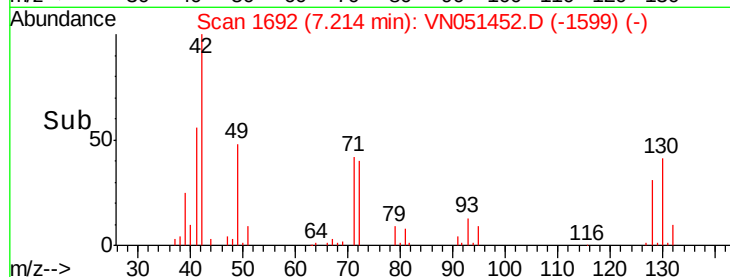
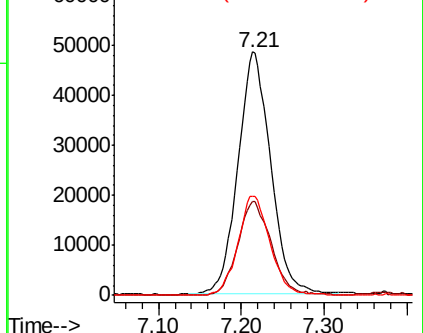
71 39.9 32.2 48.4



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: 20.299 ug/l

RT: 7.37 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VN051452.D

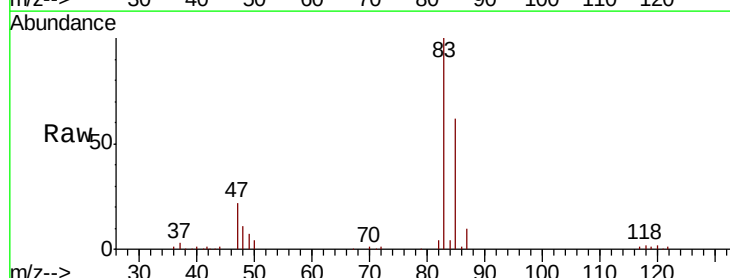
Acq: 24 Sep 2018 11:27

Tgt Ion: 83 Resp: 220293

Ion Ratio Lower Upper

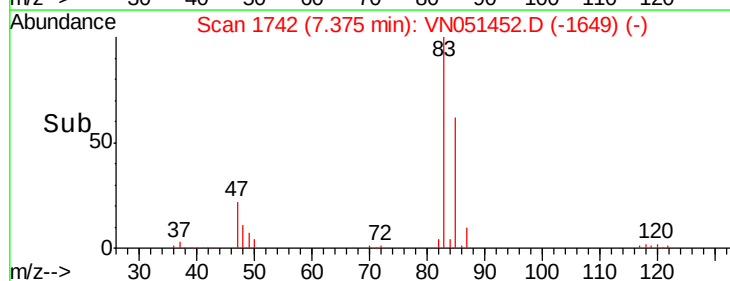
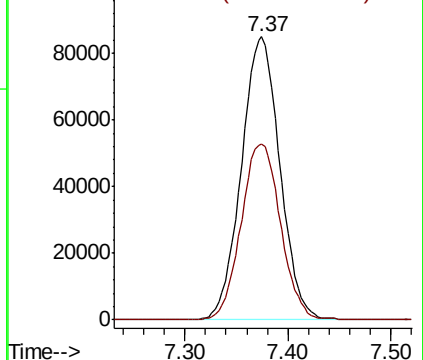
83 100

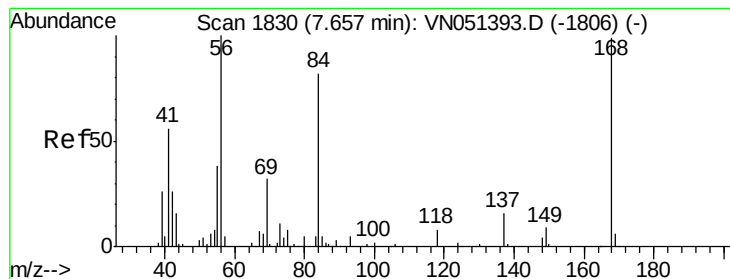
85 62.2 51.8 77.6



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0





#31

Cyclohexane

Concen: 18.817 ug/l

RT: 7.66 min Scan# 1830

Delta R.T. 0.00 min

Lab File: VN051452.D

Acq: 24 Sep 2018 11:27

Instrument :

MSVOA_N

ClientSampleId :

VN0924MBSD01

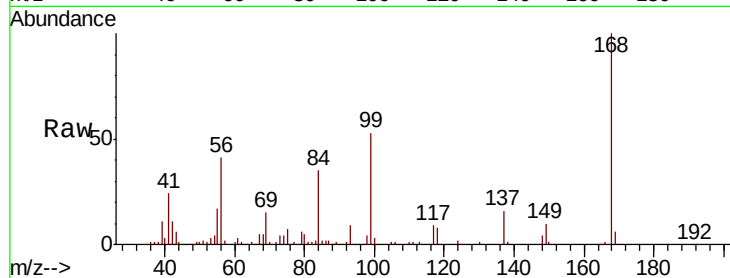
Tot Ion: 56 Resp: 188823

Ion Ratio Lower Upper

56 100

69 36.7 25.8 38.6

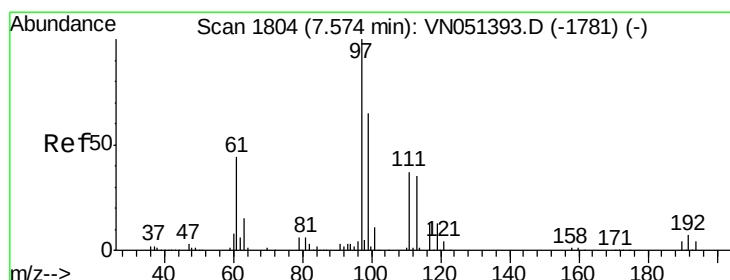
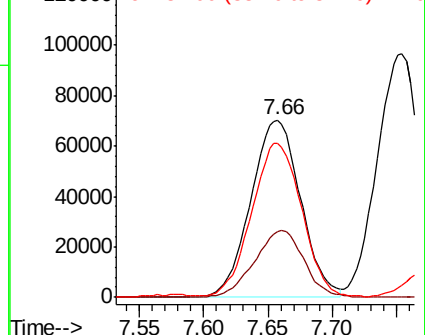
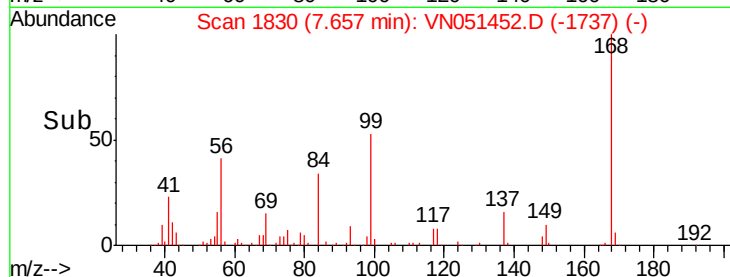
84 85.5 66.0 99.0



Abundance Ion 56.00 (55.70 to 56.70): VN051452.D (-1737) (-)

Ion 69.00 (68.70 to 69.70): VN051452.D (-1737) (-)

Ion 84.00 (83.70 to 84.70): VN051452.D (-1737) (-)



#32

1,1,1-Trichloroethane

Concen: 20.495 ug/l

RT: 7.57 min Scan# 1804

Delta R.T. 0.00 min

Lab File: VN051452.D

Acq: 24 Sep 2018 11:27

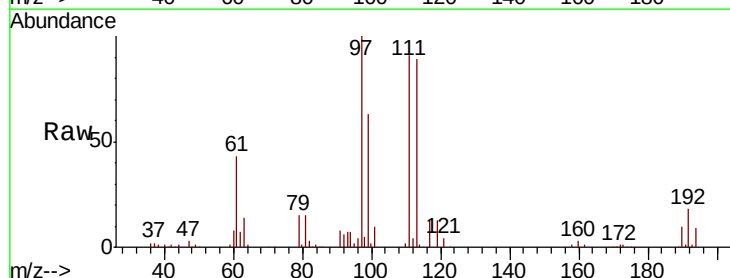
Tgt Ion: 97 Resp: 190147

Ion Ratio Lower Upper

97 100

99 64.0 51.4 77.0

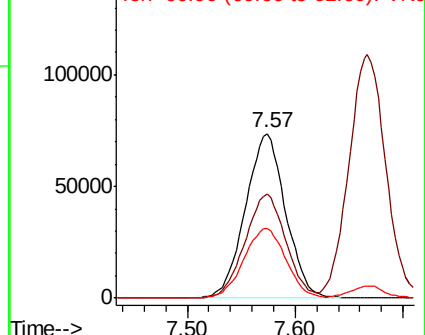
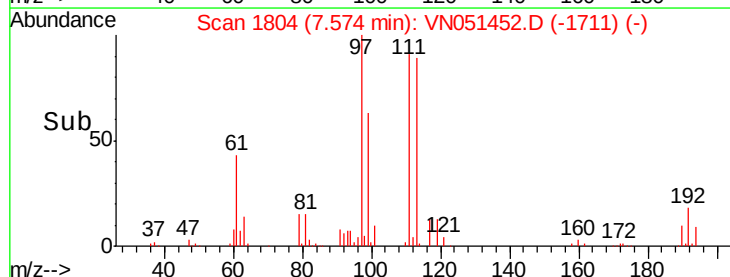
61 44.6 35.8 53.8

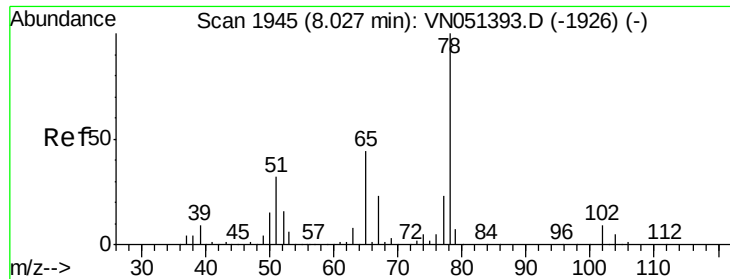


Abundance Ion 96.90 (96.60 to 97.60): VN051452.D (-1711) (-)

Ion 98.90 (98.60 to 99.60): VN051452.D (-1711) (-)

Ion 60.90 (60.60 to 61.60): VN051452.D (-1711) (-)

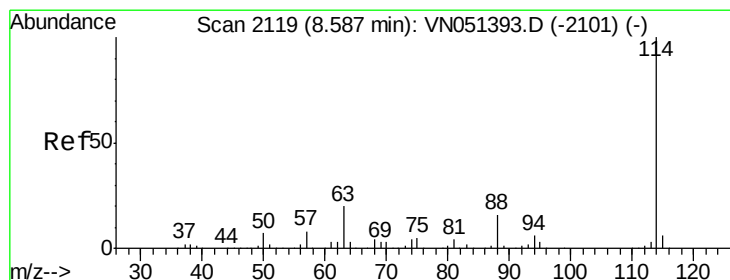
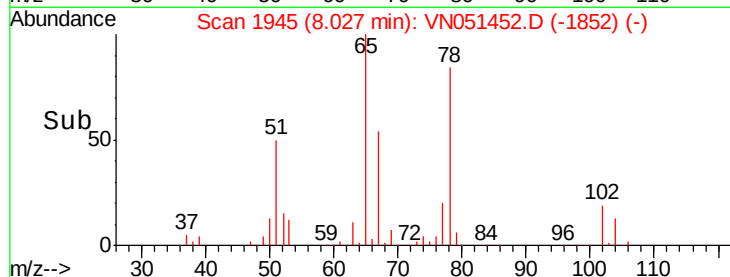
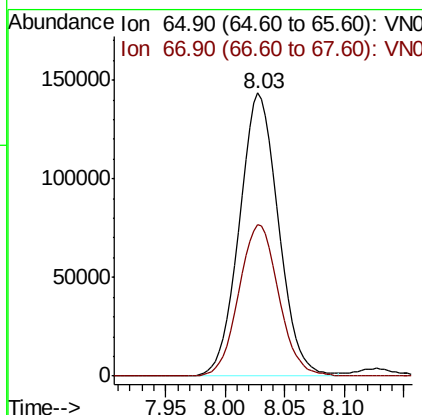
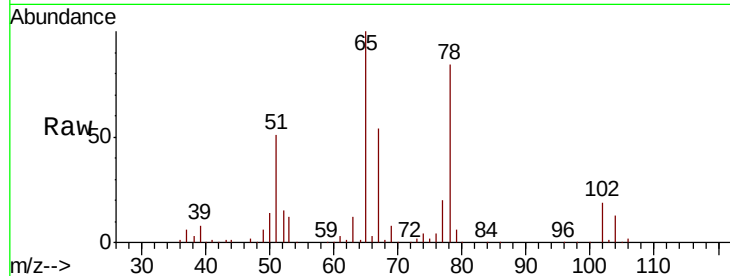




#33
 1,2-Dichloroethane-d4
 Concen: 51.251 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN051452.D
 Acq: 24 Sep 2018 11:27

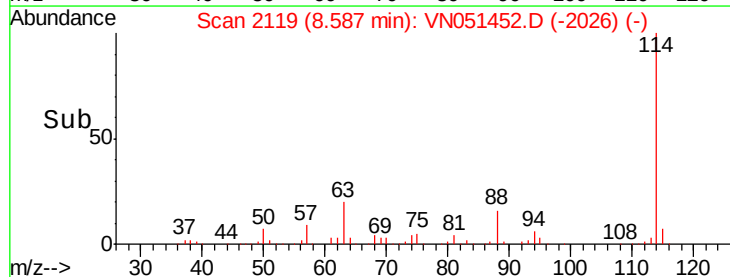
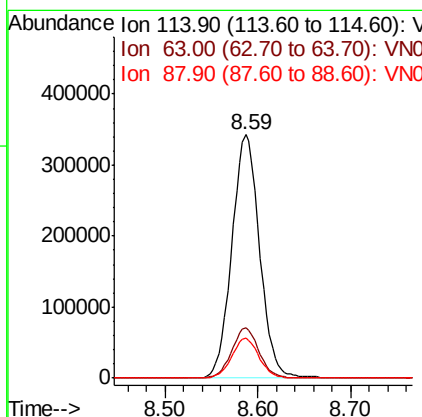
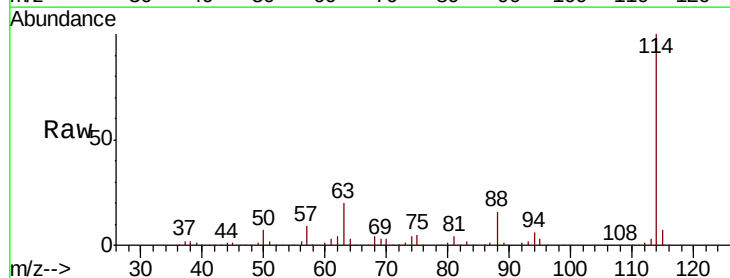
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0924MBSD01

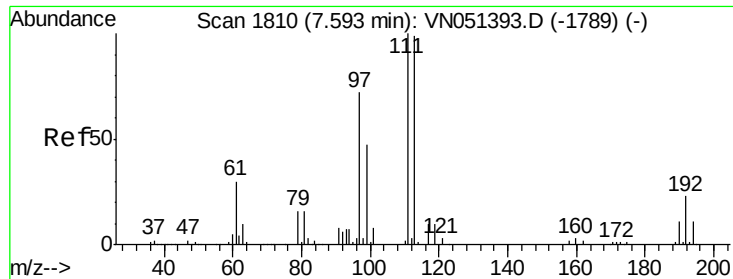
Tot Ion: 65 Resp: 326603
 Ion Ratio Lower Upper
 65 100
 67 54.6 0.0 107.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN051452.D
 Acq: 24 Sep 2018 11:27

Tgt Ion: 114 Resp: 711541
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 40.2
 88 16.3 0.0 31.4

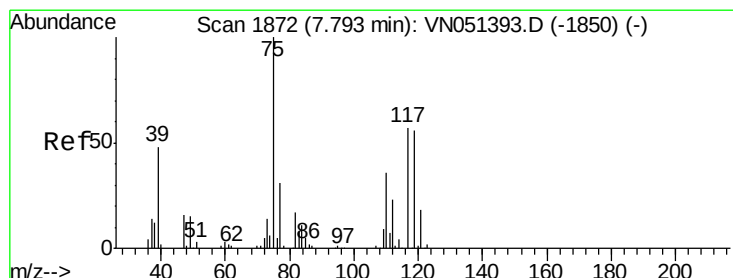
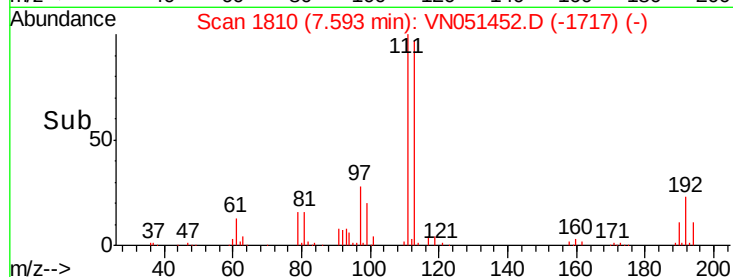
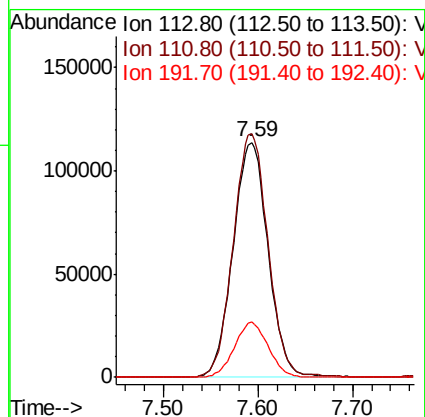
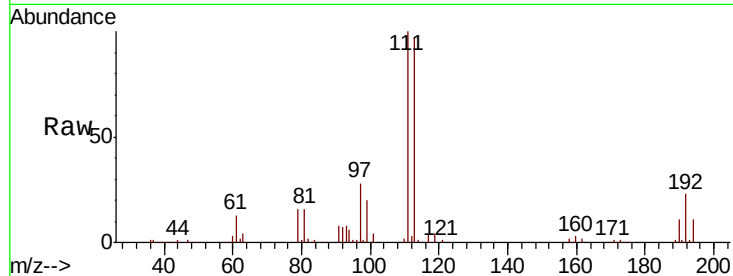




#35
 Dibromofluoromethane
 Concen: 51.517 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN051452.D
 Acq: 24 Sep 2018 11:27

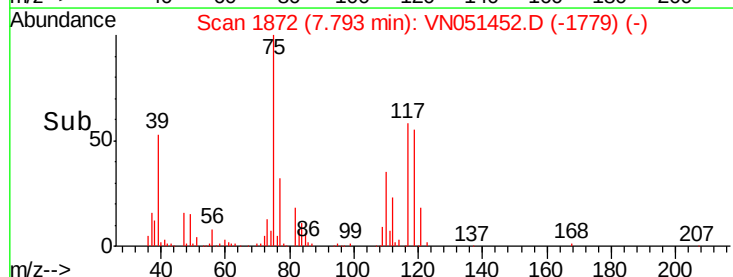
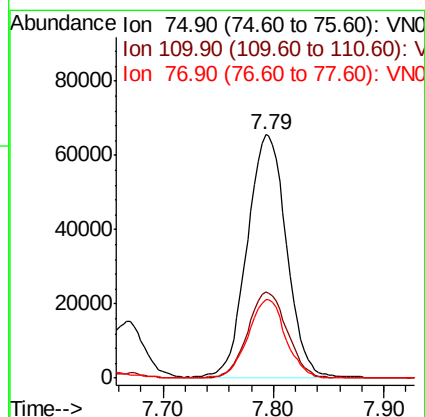
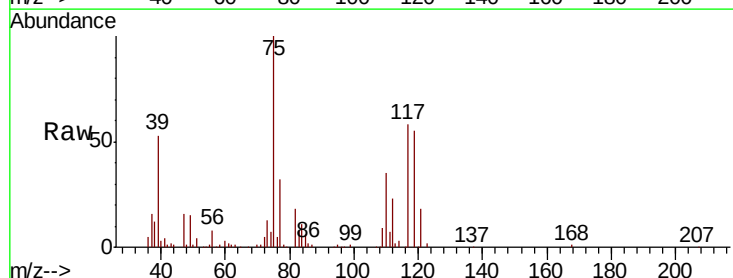
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0924MBSD01

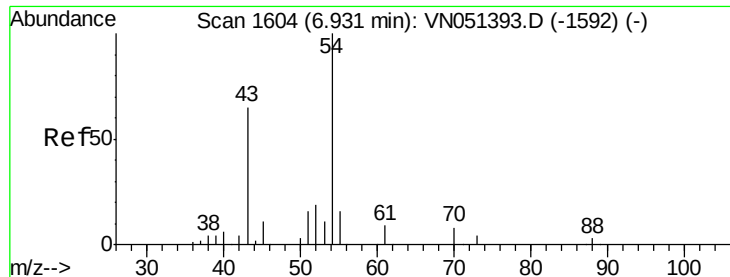
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.2	82.6	123.8
192	22.6	18.0	27.0



#36
 1,1-Dichloropropene
 Concen: 19.531 ug/l
 RT: 7.79 min Scan# 1872
 Delta R.T. 0.00 min
 Lab File: VN051452.D
 Acq: 24 Sep 2018 11:27

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.6	18.1	54.3
77	31.3	25.6	38.4

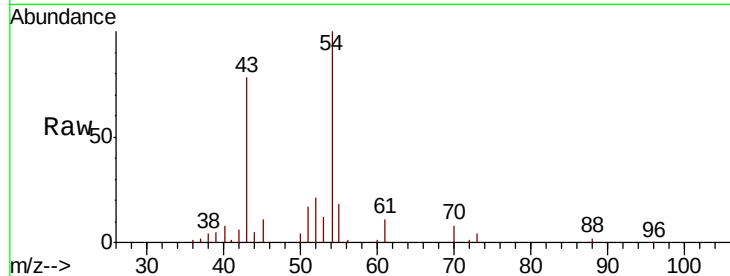




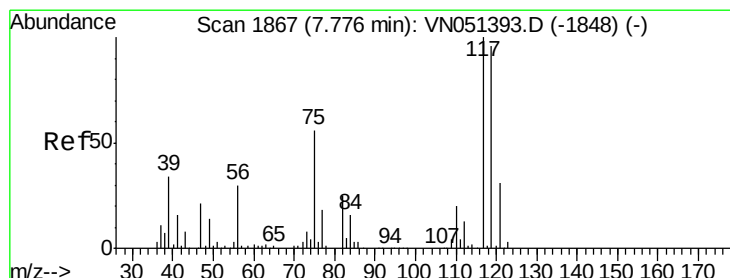
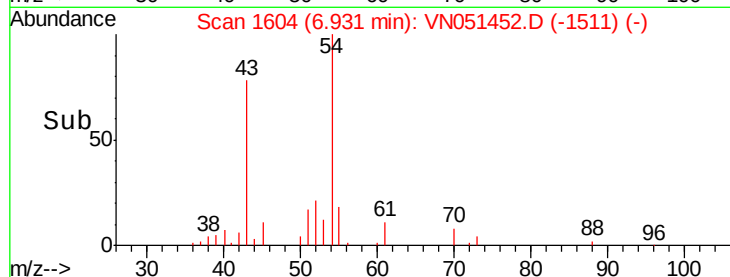
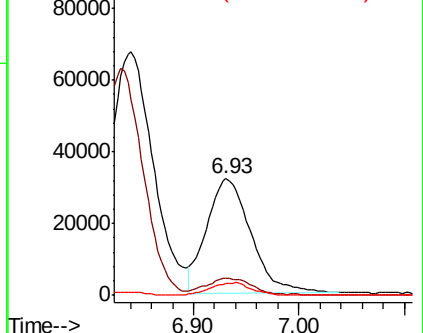
#37
Ethyl Acetate
Concen: 19.810 ug/l
RT: 6.93 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VN051452.D
Acq: 24 Sep 2018 11:27

Instrument :
MSVOA_N
ClientSampleId :
VN0924MBSD01

Tot Ion: 43 Resp: 93853
Ion Ratio Lower Upper
43 100
61 14.4 11.5 17.3
70 10.1 7.9 11.9

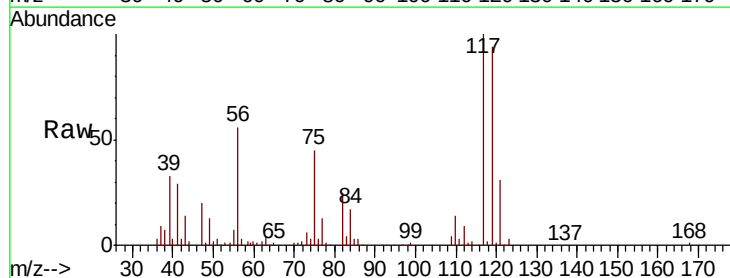


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 70.00 (69.70 to 70.70): VN0

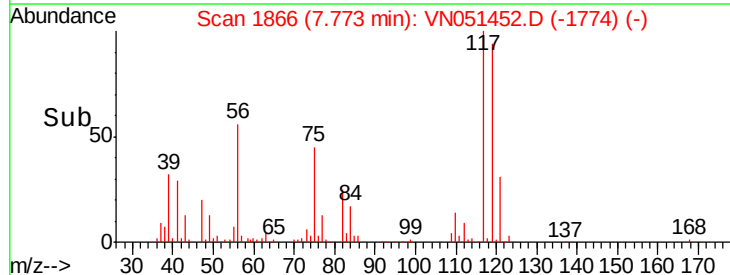
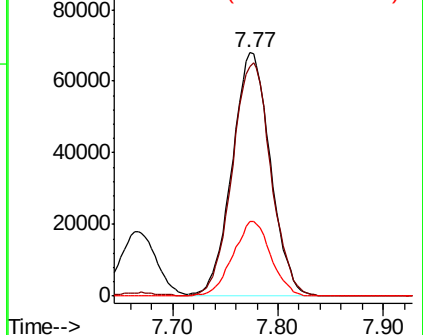


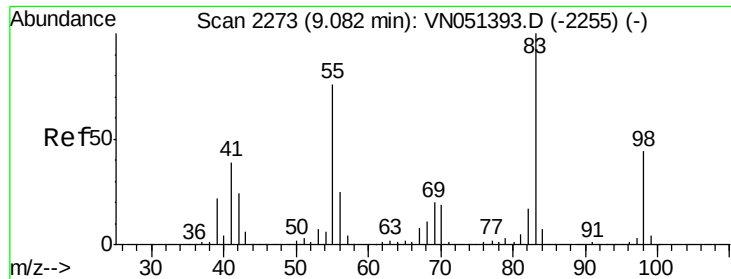
#38
Carbon Tetrachloride
Concen: 19.865 ug/l
RT: 7.77 min Scan# 1866
Delta R.T. -0.00 min
Lab File: VN051452.D
Acq: 24 Sep 2018 11:27

Tgt Ion: 117 Resp: 171203
Ion Ratio Lower Upper
117 100
119 94.2 76.9 115.3
121 30.6 24.6 37.0



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

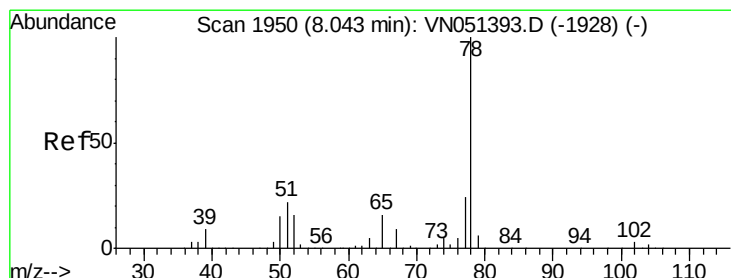
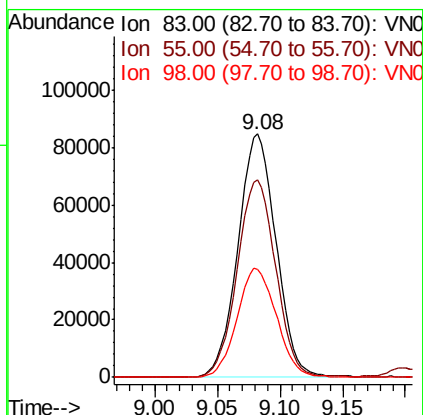
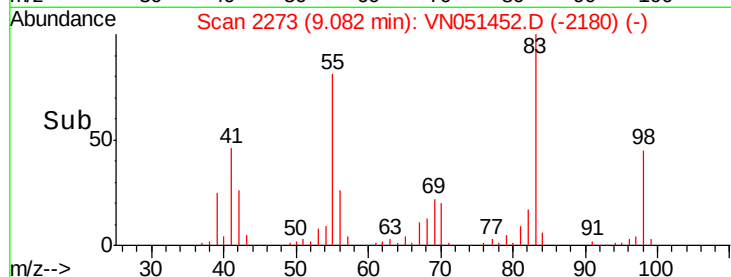
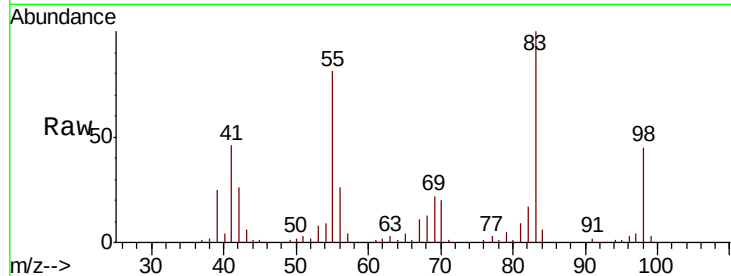




#39
Methylvlcyclohexane
Concen: 18.631 ug/l
RT: 9.08 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN051452.D
Acq: 24 Sep 2018 11:27

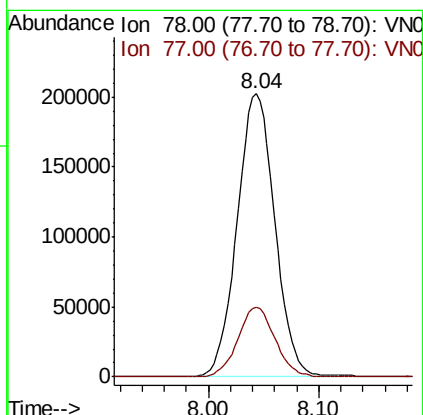
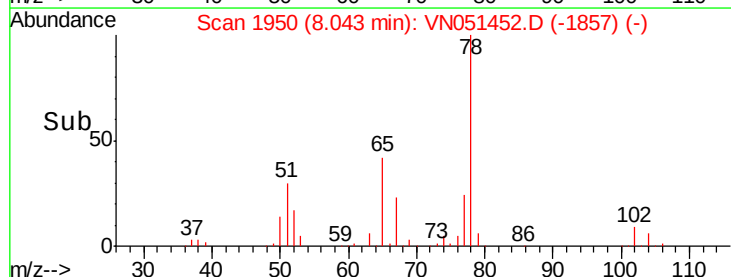
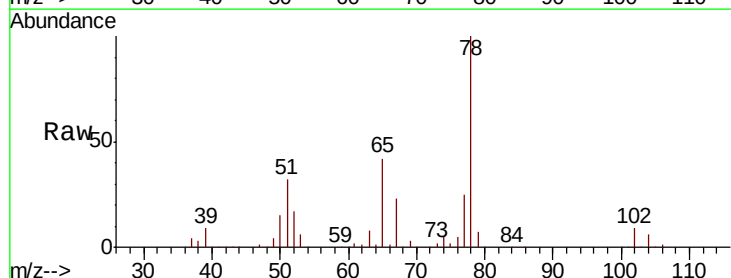
Instrument :
MSVOA_N
ClientSampleId :
VN0924MBSD01

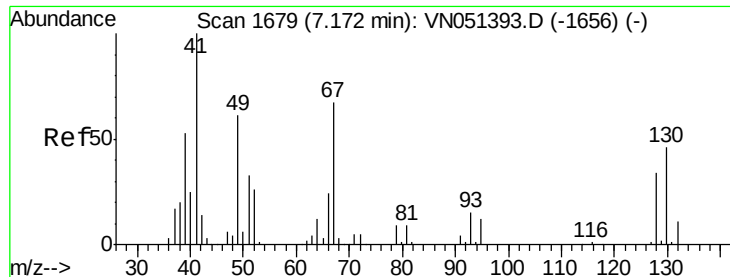
Tot Ion: 83 Resp: 179460
Ion Ratio Lower Upper
83 100
55 80.9 61.0 91.4
98 44.5 35.6 53.4



#40
Benzene
Concen: 19.816 ug/l
RT: 8.04 min Scan# 1950
Delta R.T. 0.00 min
Lab File: VN051452.D
Acq: 24 Sep 2018 11:27

Tgt Ion: 78 Resp: 479425
Ion Ratio Lower Upper
78 100
77 24.5 19.2 28.8

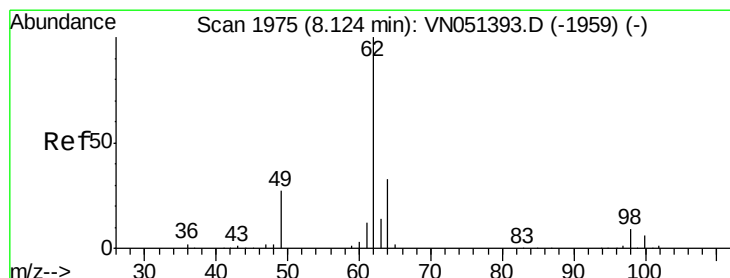
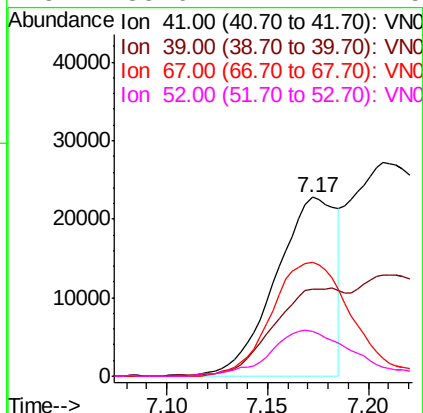
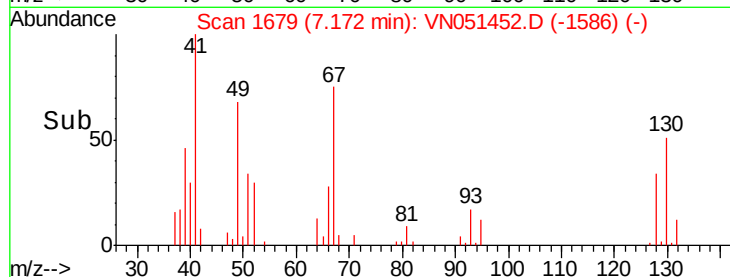
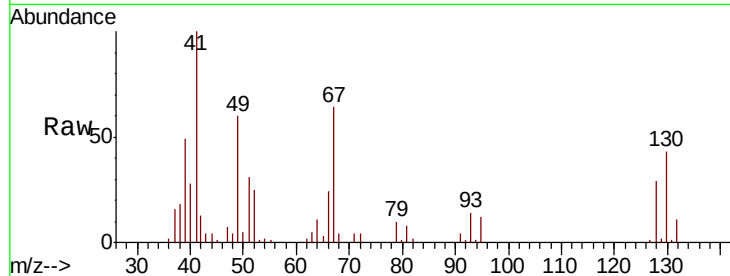




#41
Methacrylonitrile
Concen: 18.188 ug/l
RT: 7.17 min Scan# 1679
Delta R.T. 0.00 min
Lab File: VN051452.D
Acq: 24 Sep 2018 11:27

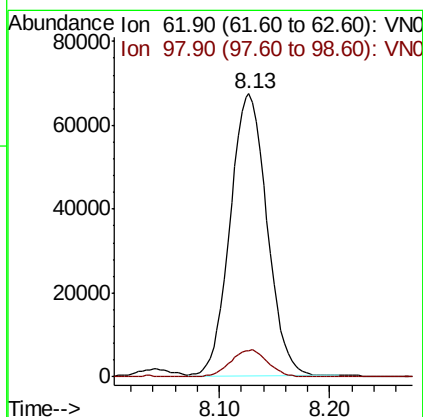
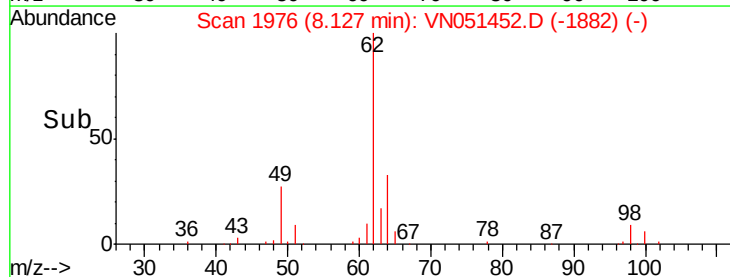
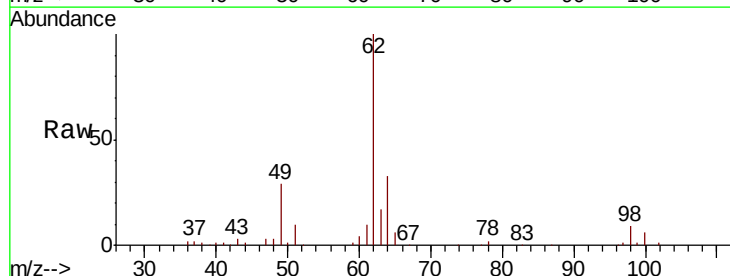
Instrument :
MSVOA_N
ClientSampleId :
VN0924MBSD01

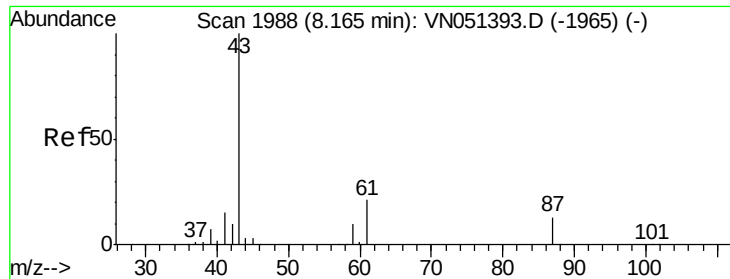
Tot Ion:	41	Resp:	47672
Ion	Ratio	Lower	Upper
41	100		
39	56.1	51.4	77.2
67	84.0	66.8	100.2
52	35.6	27.7	41.5



#42
1,2-Dichloroethane
Concen: 20.162 ug/l
RT: 8.13 min Scan# 1976
Delta R.T. 0.00 min
Lab File: VN051452.D
Acq: 24 Sep 2018 11:27

Tgt Ion:	62	Resp:	156196
Ion	Ratio	Lower	Upper
62	100		
98	9.6	0.0	18.6





#43

Isopropyl Acetate

Concen: 19.435 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN051452.D

Acq: 24 Sep 2018 11:27

Instrument :

MSVOA_N

ClientSampleId :

VN0924MBSD01

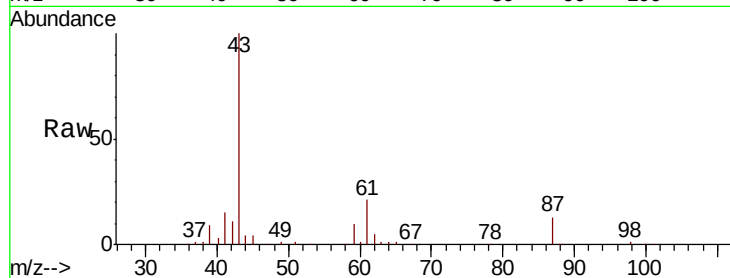
Tot Ion: 43 Resp: 166496

Ion Ratio Lower Upper

43 100

61 29.0 16.8 25.2#

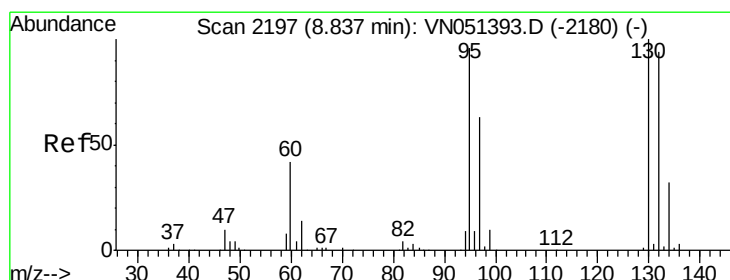
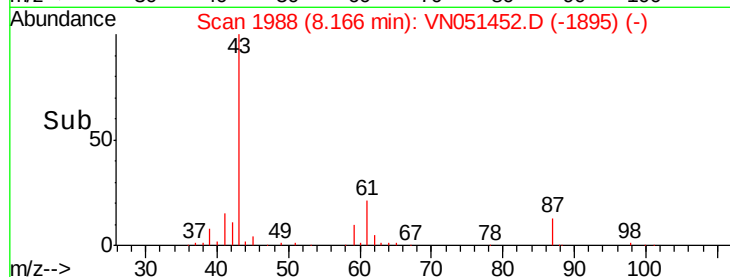
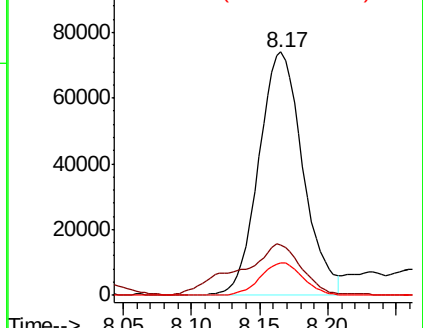
87 13.1 10.7 16.1



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

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

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



#44

Trichloroethene

Concen: 20.158 ug/l

RT: 8.84 min Scan# 2197

Delta R.T. 0.00 min

Lab File: VN051452.D

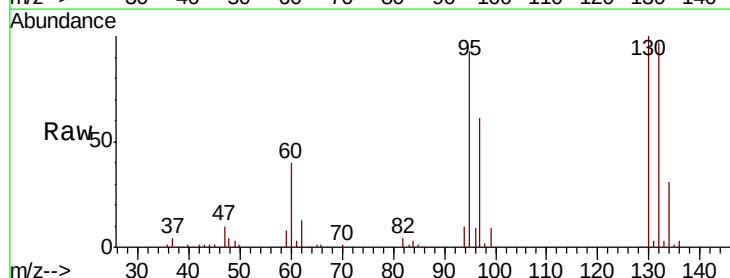
Acq: 24 Sep 2018 11:27

Tgt Ion:130 Resp: 129540

Ion Ratio Lower Upper

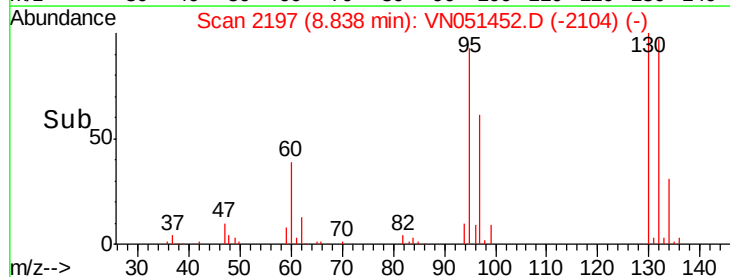
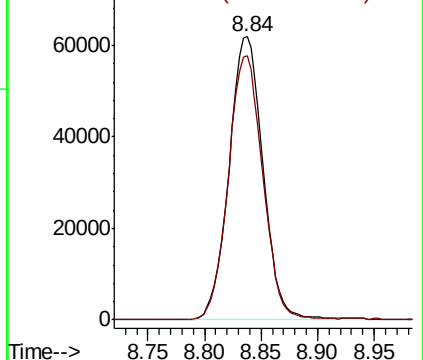
130 100

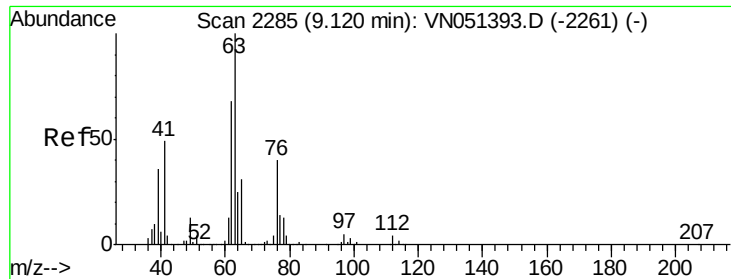
95 93.3 0.0 192.2



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

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

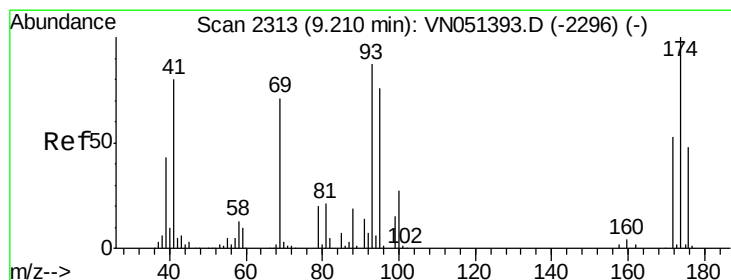
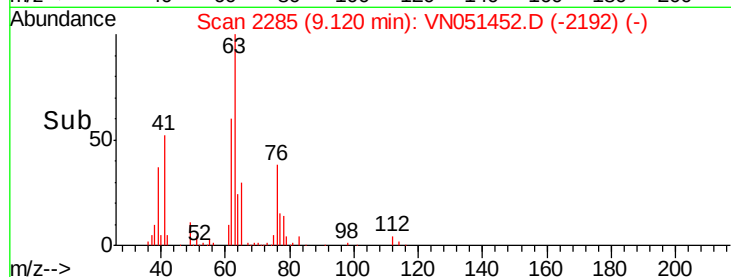
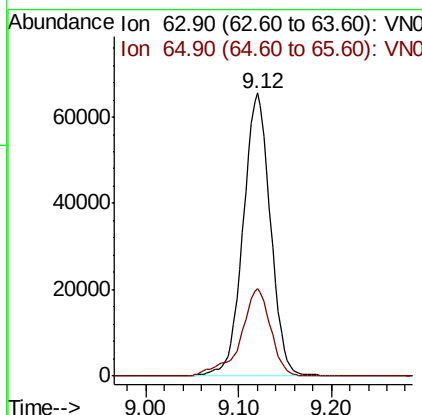
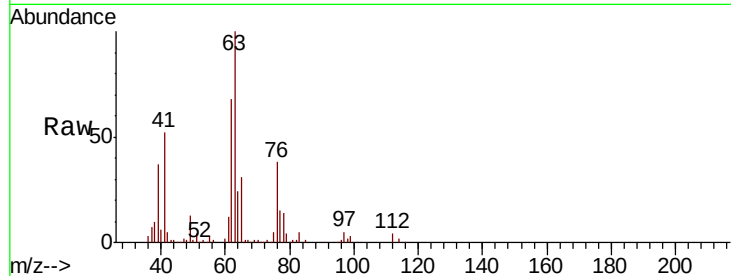




#45
 1,2-Dichloropropane
 Concen: 20.355 ug/l
 RT: 9.12 min Scan# 2285
 Delta R.T. 0.00 min
 Lab File: VN051452.D
 Acq: 24 Sep 2018 11:27

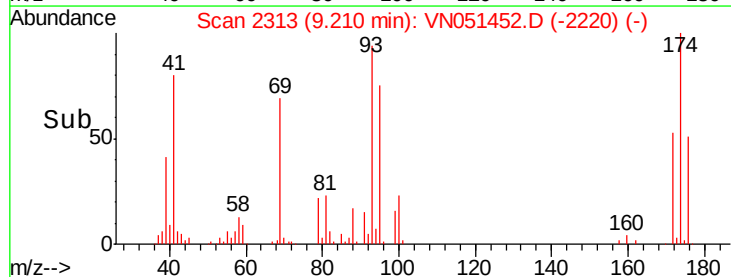
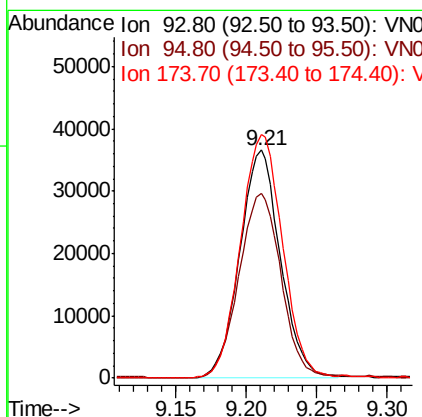
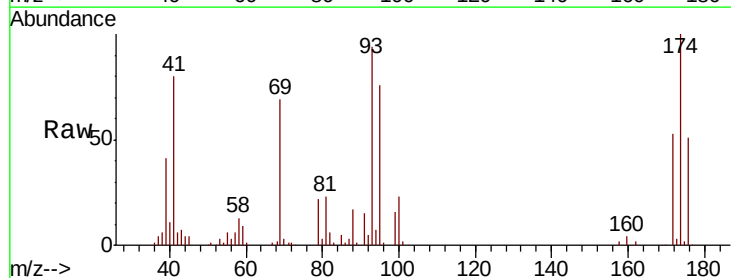
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0924MBSD01

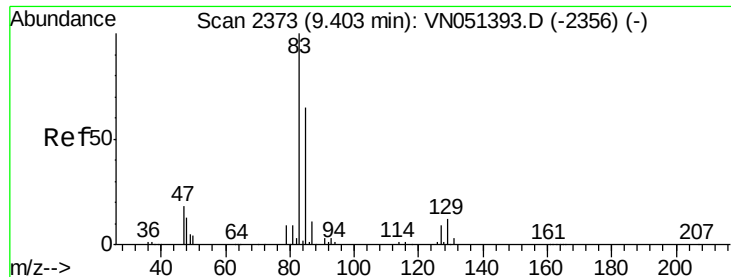
Tot Ion: 63 Resp: 133864
 Ion Ratio Lower Upper
 63 100
 65 31.0 24.9 37.3



#46
 Dibromomethane
 Concen: 19.907 ug/l
 RT: 9.21 min Scan# 2313
 Delta R.T. 0.00 min
 Lab File: VN051452.D
 Acq: 24 Sep 2018 11:27

Tgt Ion: 93 Resp: 73975
 Ion Ratio Lower Upper
 93 100
 95 84.2 67.6 101.4
 174 110.5 89.6 134.4

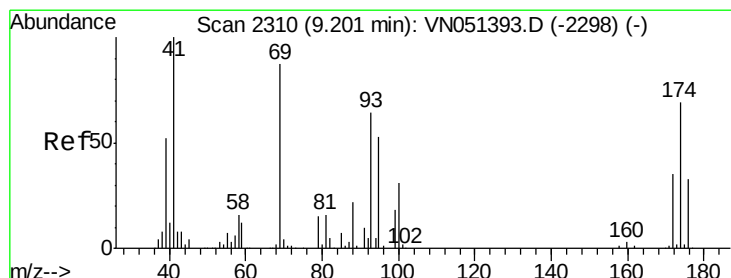
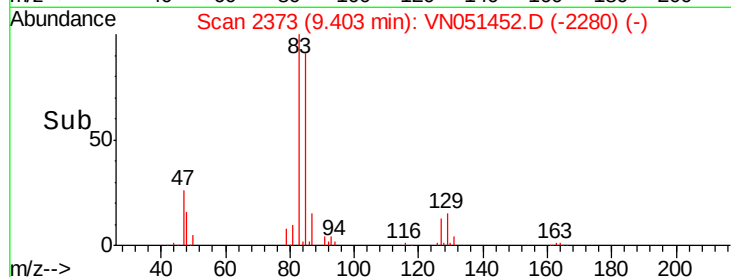
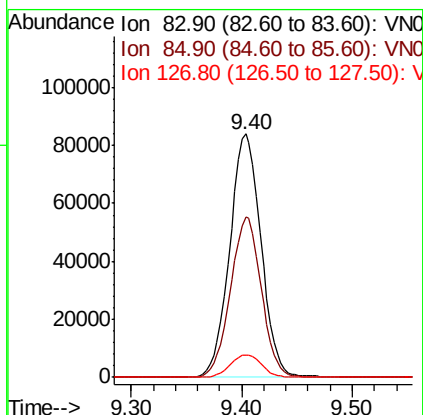
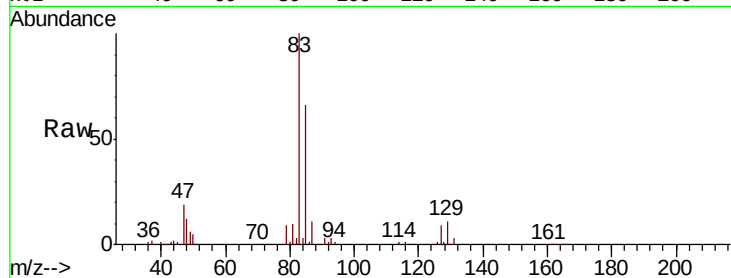




#47
 Bromodichloromethane
 Concen: 20.089 ug/l
 RT: 9.40 min Scan# 2373
 Delta R.T. 0.00 min
 Lab File: VN051452.D
 Acq: 24 Sep 2018 11:27

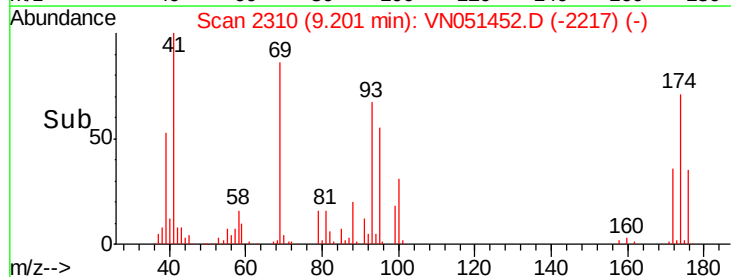
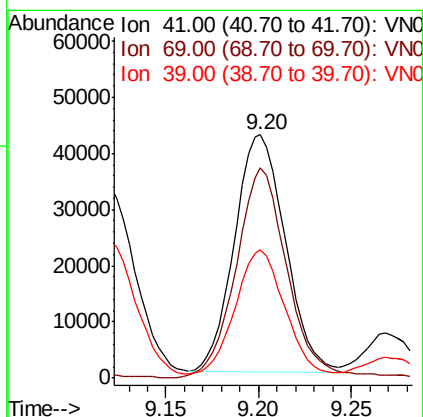
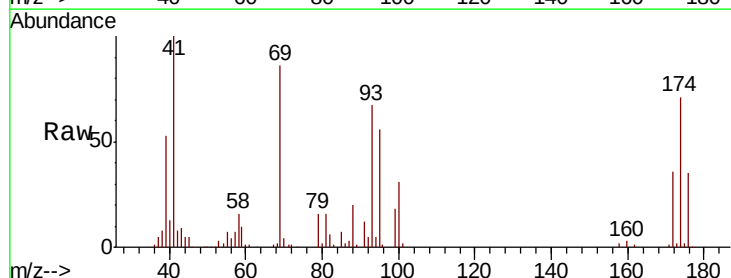
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0924MBSD01

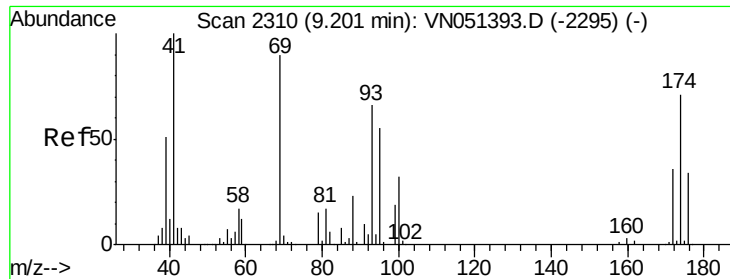
Tot Ion: 83 Resp: 165197
 Ion Ratio Lower Upper
 83 100
 85 65.9 51.8 77.6
 127 9.1 7.4 11.2



#48
 Methyl methacrylate
 Concen: 18.896 ug/l
 RT: 9.20 min Scan# 2310
 Delta R.T. 0.00 min
 Lab File: VN051452.D
 Acq: 24 Sep 2018 11:27

Tgt Ion: 41 Resp: 80706
 Ion Ratio Lower Upper
 41 100
 69 90.2 70.4 105.6
 39 53.2 43.8 65.8





#49

1,4-Dioxane

Concen: 367.199 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN051452.D

Acq: 24 Sep 2018 11:27

Instrument :

MSVOA_N

ClientSampleId :

VN0924MBSD01

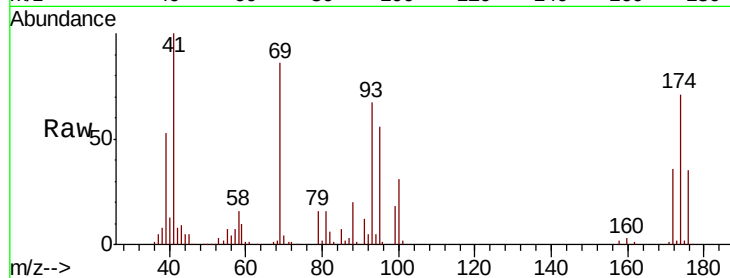
Tot Ion: 88 Resp: 19221

Ion Ratio Lower Upper

88 100

43 36.1 25.9 38.9

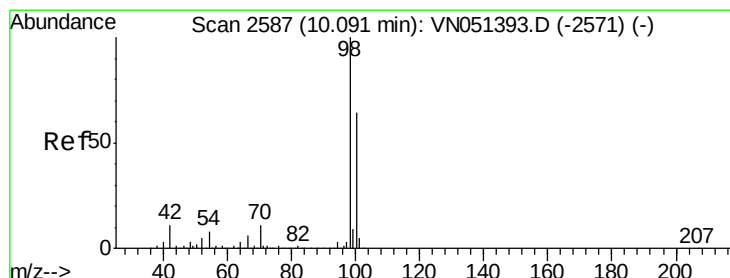
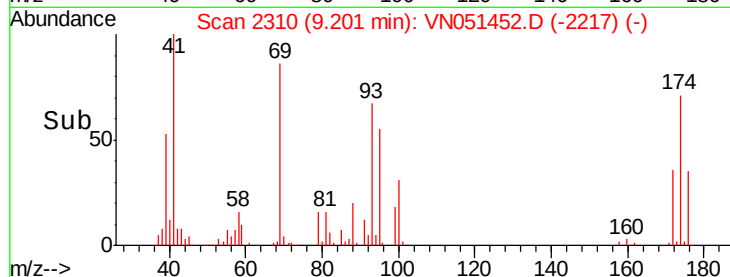
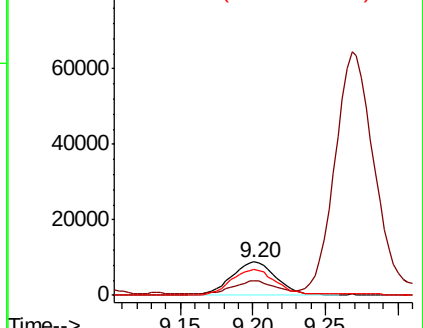
58 76.2 57.0 85.4



Abundance Ion 88.00 (87.70 to 88.70): VN051393.D (-2295) (-)

Ion 43.00 (42.70 to 43.70): VN051393.D (-2295) (-)

Ion 58.00 (57.70 to 58.70): VN051393.D (-2295) (-)



#50

Toluene-d8

Concen: 50.938 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN051452.D

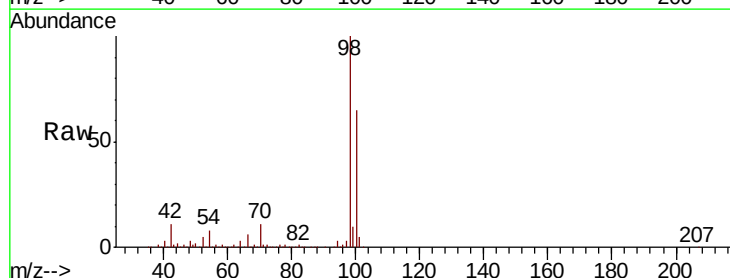
Acq: 24 Sep 2018 11:27

Tgt Ion: 98 Resp: 1091391

Ion Ratio Lower Upper

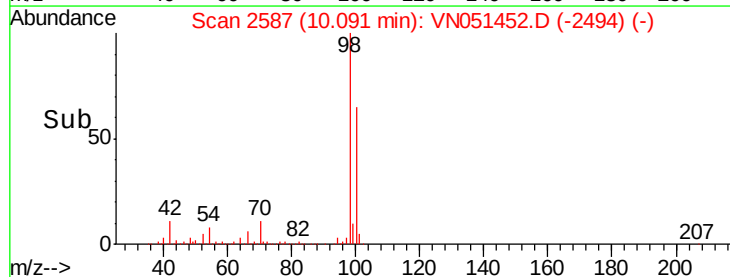
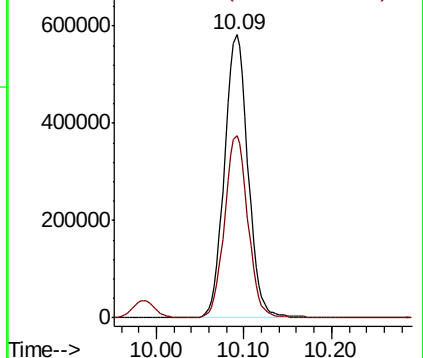
98 100

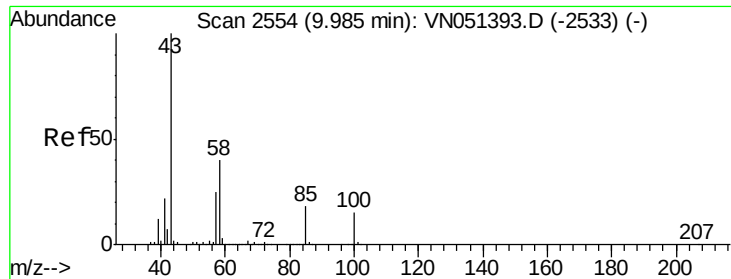
100 63.5 50.6 75.8



Abundance Ion 98.00 (97.70 to 98.70): VN051393.D (-2571) (-)

Ion 100.00 (99.70 to 100.70): VN051393.D (-2571) (-)

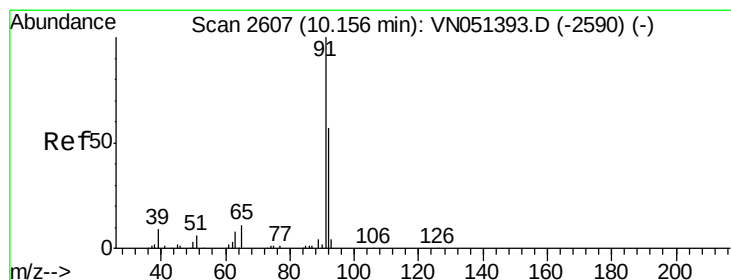
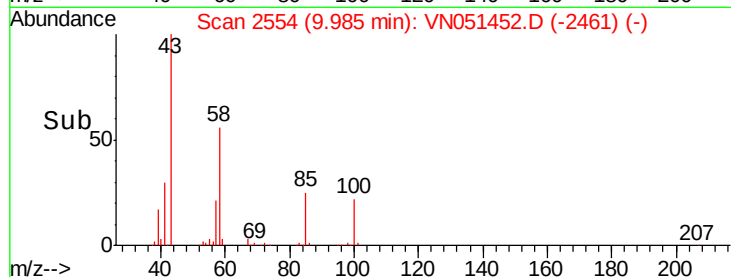
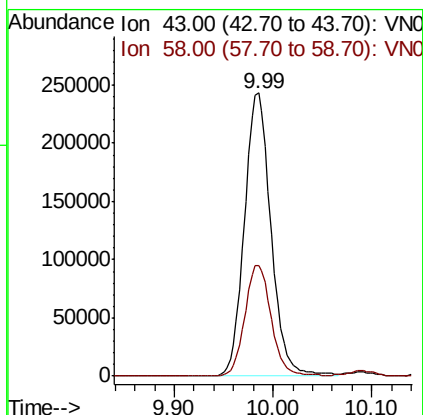
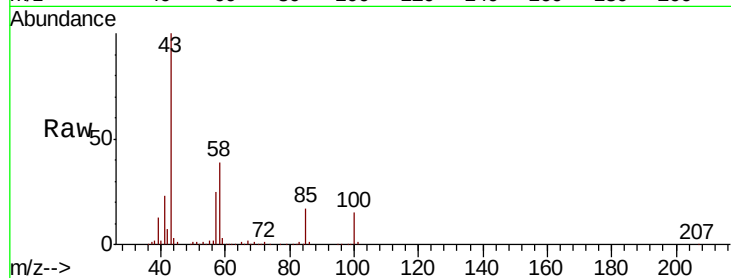




#51
 4-Methyl-2-Pentanone
 Concen: 95.524 ug/l
 RT: 9.99 min Scan# 2554
 Delta R.T. 0.00 min
 Lab File: VN051452.D
 Acq: 24 Sep 2018 11:27

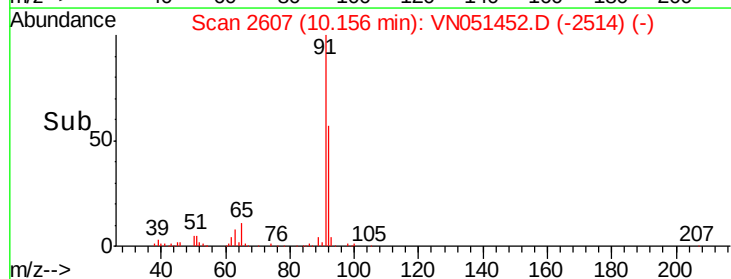
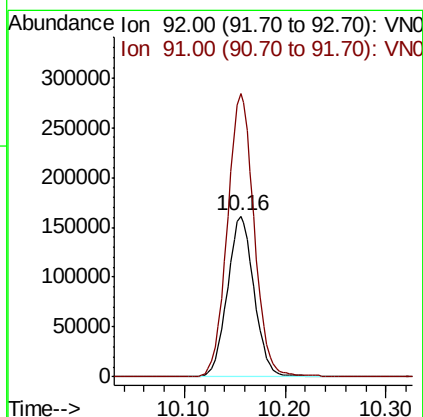
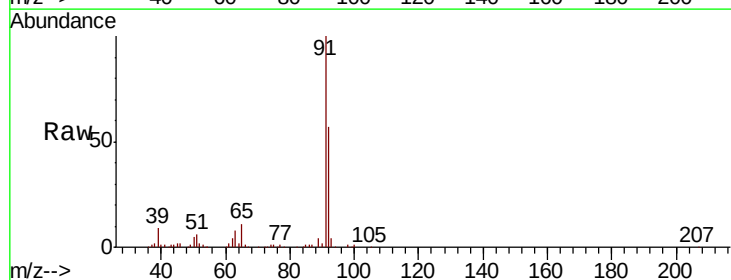
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0924MBSD01

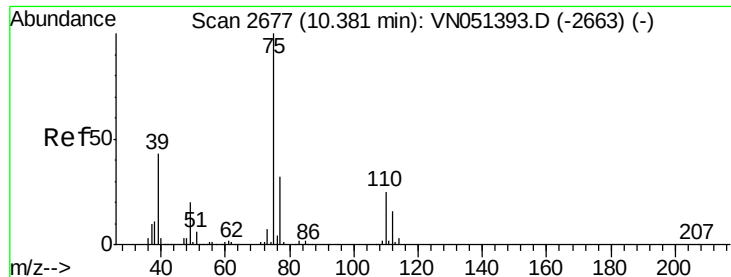
Tot Ion: 43 Resp: 450054
 Ion Ratio Lower Upper
 43 100
 58 38.9 31.5 47.3



#52
 Toluene
 Concen: 19.821 ug/l
 RT: 10.16 min Scan# 2607
 Delta R.T. 0.00 min
 Lab File: VN051452.D
 Acq: 24 Sep 2018 11:27

Tgt Ion: 92 Resp: 298014
 Ion Ratio Lower Upper
 92 100
 91 176.6 142.2 213.4





#53

t-1,3-Dichloropropene

Concen: 18.795 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. 0.00 min

Lab File: VN051452.D

Acq: 24 Sep 2018 11:27

Instrument :

MSVOA_N

ClientSampleId :

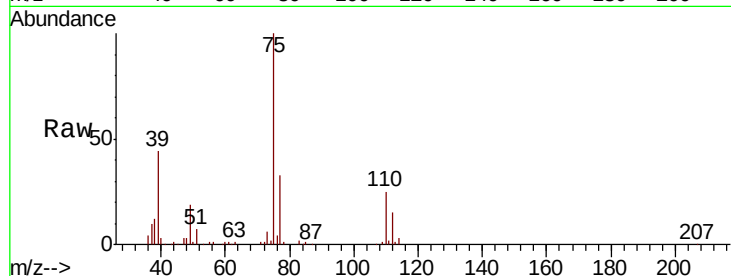
VN0924MBSD01

Tot Ion: 75 Resp: 156036

Ion Ratio Lower Upper

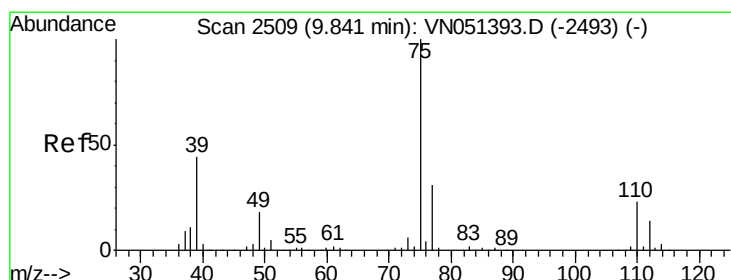
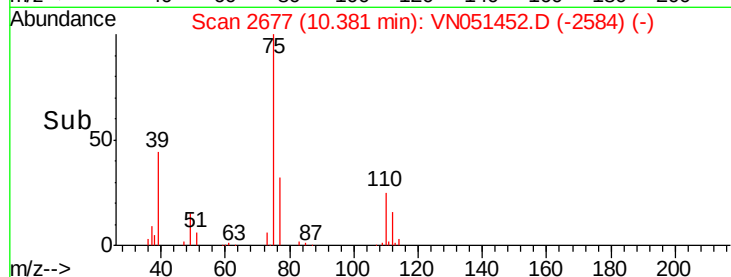
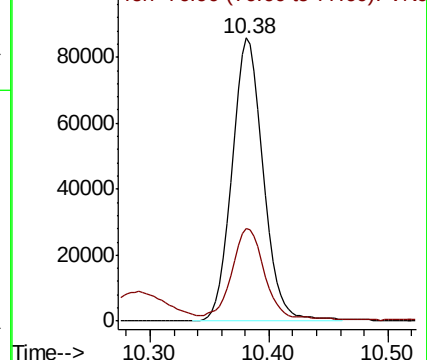
75 100

77 31.9 25.8 38.8



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



#54

cis-1,3-Dichloropropene

Concen: 19.587 ug/l

RT: 9.84 min Scan# 2509

Delta R.T. 0.00 min

Lab File: VN051452.D

Acq: 24 Sep 2018 11:27

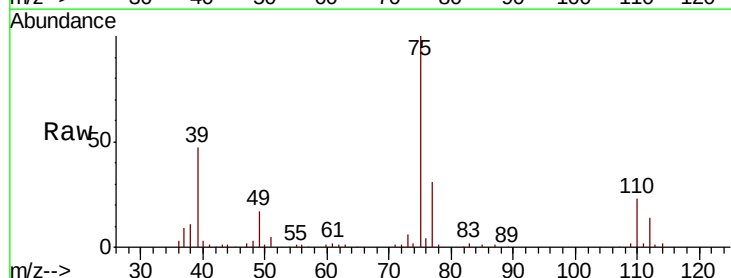
Tgt Ion: 75 Resp: 188578

Ion Ratio Lower Upper

75 100

77 30.8 25.2 37.8

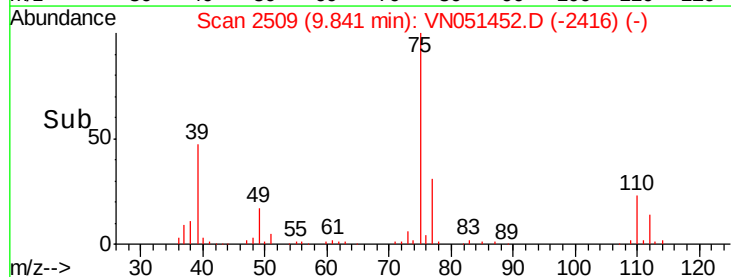
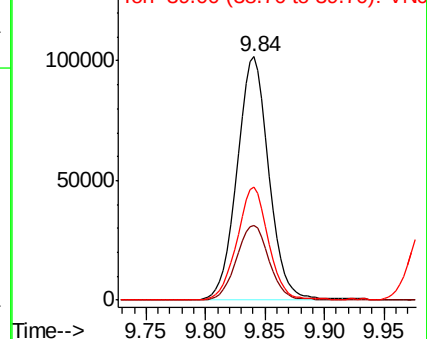
39 46.5 35.4 53.2

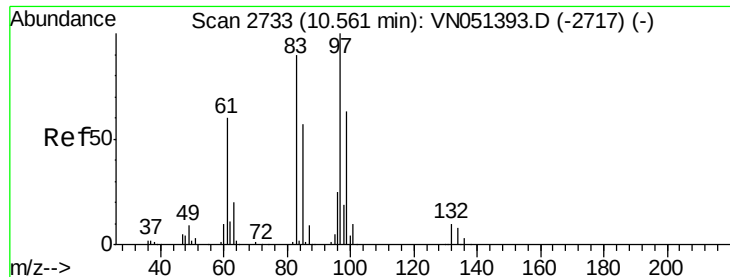


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0

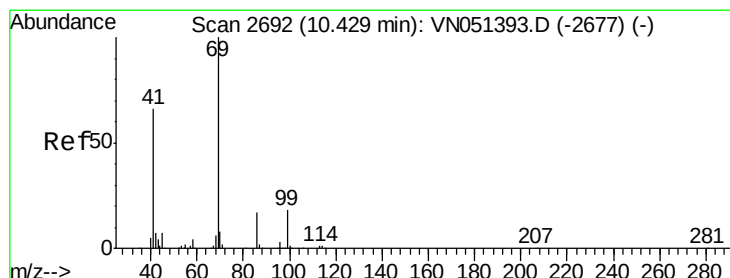
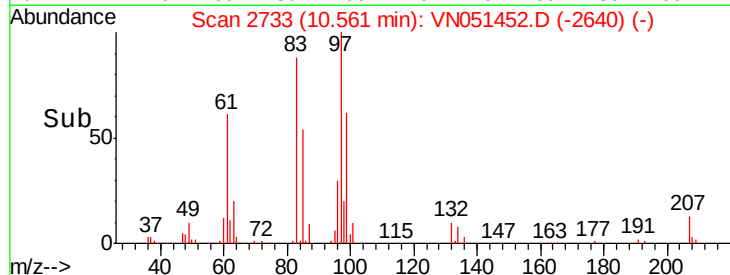
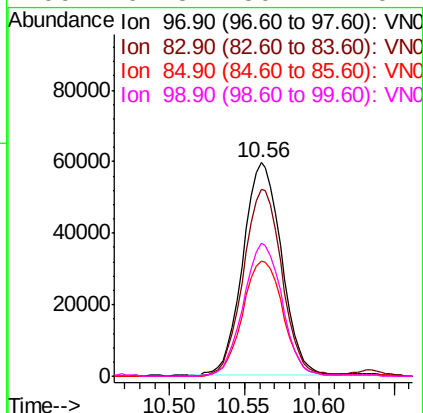
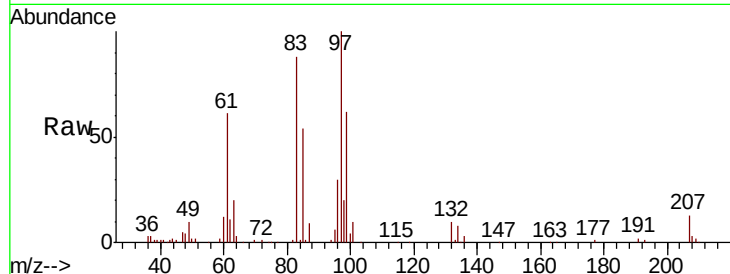




#55
 1,1,2-Trichloroethane
 Concen: 20.115 ug/l
 RT: 10.56 min Scan# 2733
 Delta R.T. 0.00 min
 Lab File: VN051452.D
 Acq: 24 Sep 2018 11:27

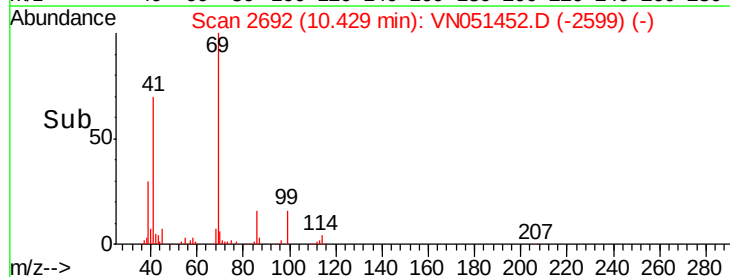
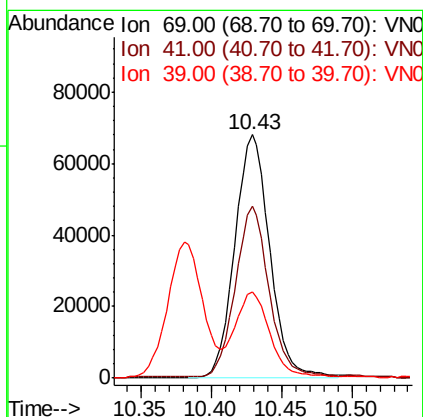
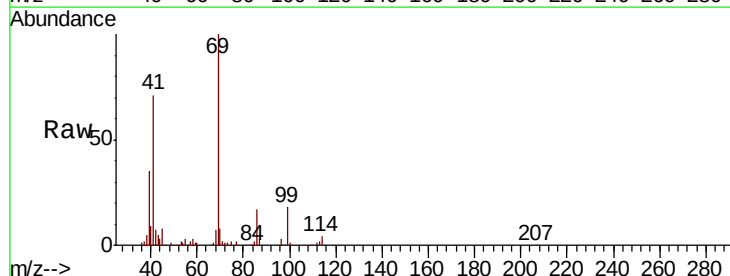
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0924MBSD01

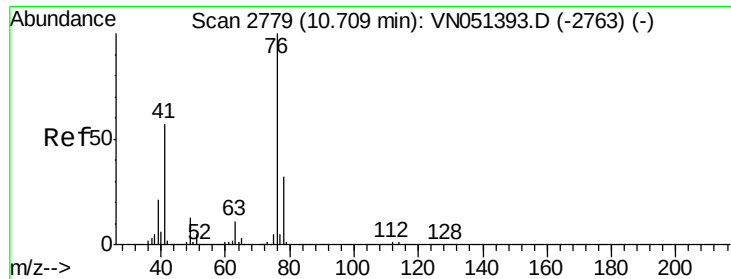
Tot Ion:	97	Resp:	106886
Ion	Ratio	Lower	Upper
97	100		
83	88.0	72.0	108.0
85	54.1	45.2	67.8
99	62.3	50.7	76.1



#56
 Ethyl methacrylate
 Concen: 18.265 ug/l
 RT: 10.43 min Scan# 2692
 Delta R.T. 0.00 min
 Lab File: VN051452.D
 Acq: 24 Sep 2018 11:27

Tgt Ion:	69	Resp:	118664
Ion	Ratio	Lower	Upper
69	100		
41	67.1	52.4	78.6
39	35.1	26.3	39.5





#57

1,3-Dichloropropane

Concen: 19.690 ug/l

RT: 10.71 min Scan# 2778

Delta R.T. -0.00 min

Lab File: VN051452.D

Acq: 24 Sep 2018 11:27

Instrument :

MSVOA_N

ClientSampled :

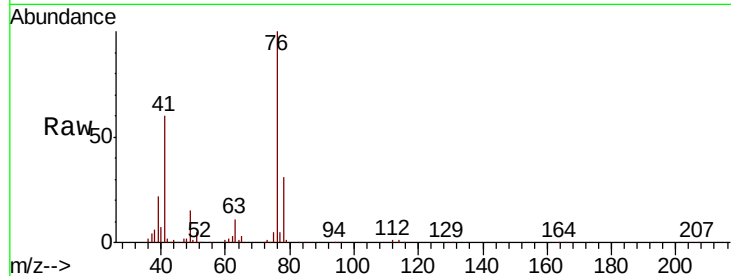
VN0924MBSD01

Tot Ion: 76 Resp: 179334

Ion Ratio Lower Upper

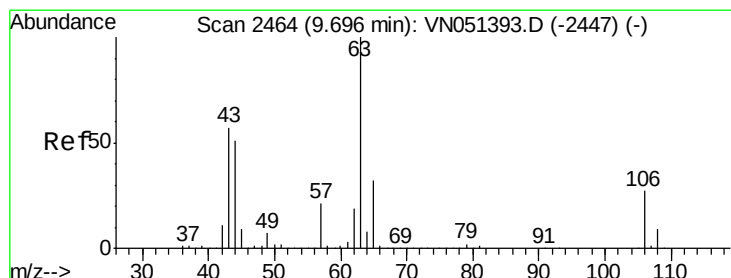
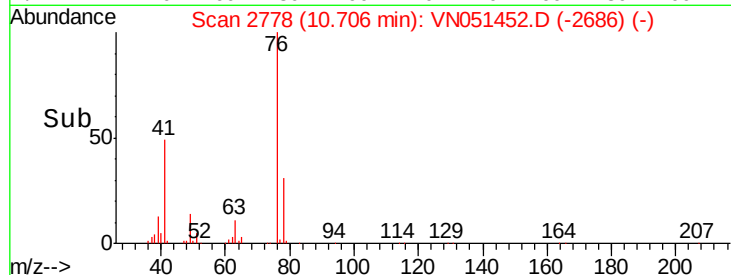
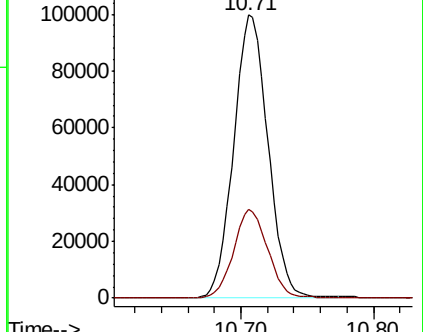
76 100

78 31.3 25.5 38.3



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#58

2-Chloroethyl Vinyl ether

Concen: 98.741 ug/l

RT: 9.70 min Scan# 2464

Delta R.T. 0.00 min

Lab File: VN051452.D

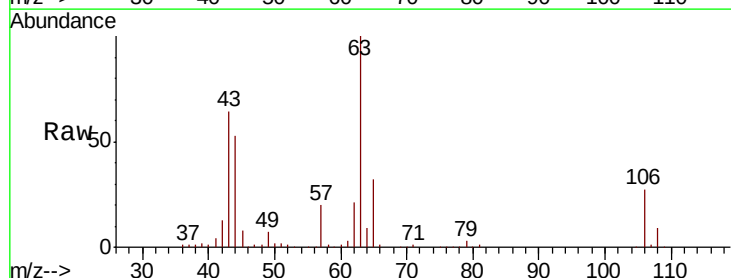
Acq: 24 Sep 2018 11:27

Tgt Ion: 63 Resp: 299991

Ion Ratio Lower Upper

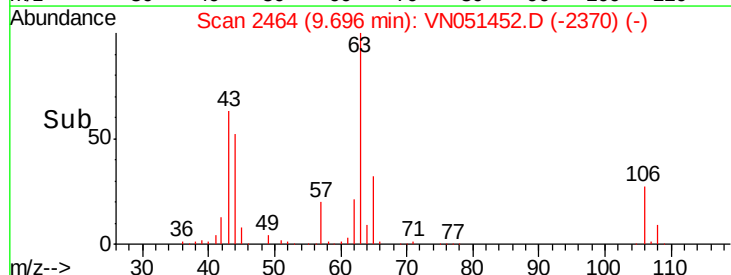
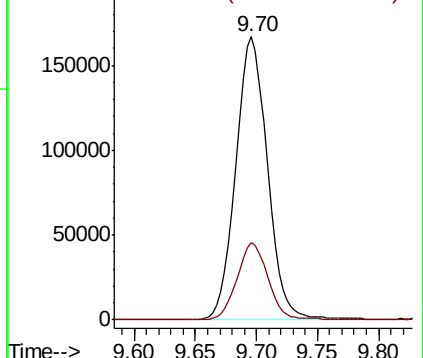
63 100

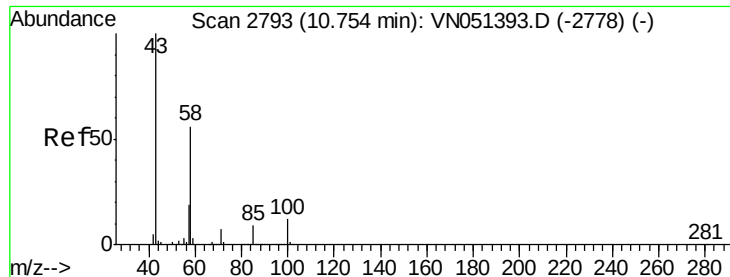
106 26.6 21.4 32.2



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

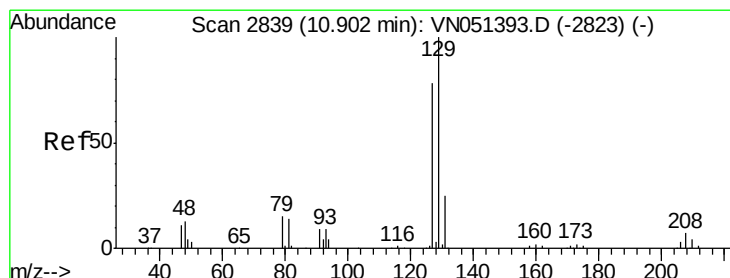
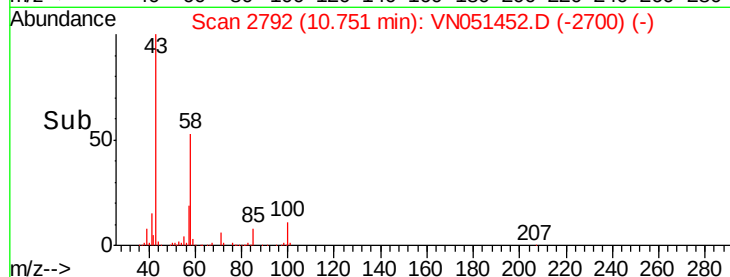
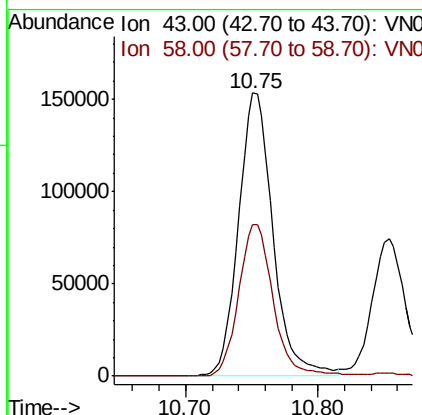
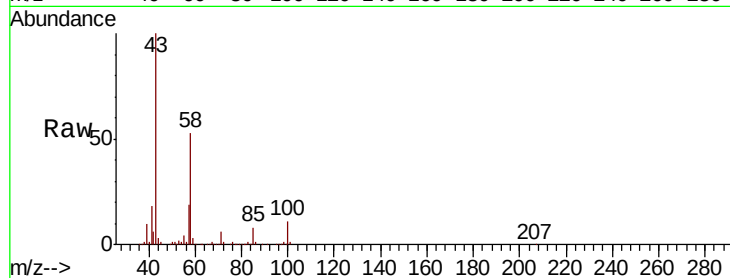




#59
2-Hexanone
Concen: 90.468 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. -0.00 min
Lab File: VN051452.D
Acq: 24 Sep 2018 11:27

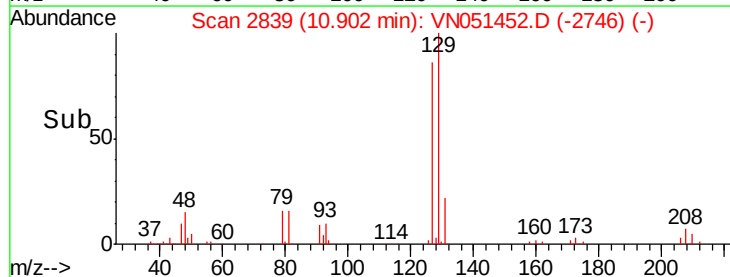
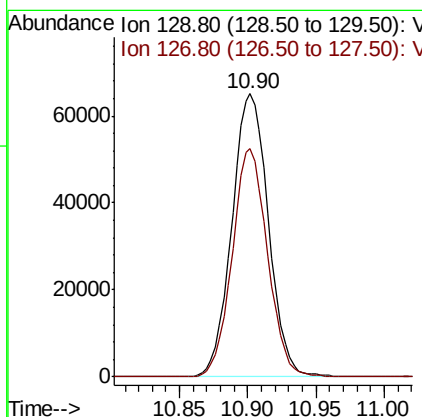
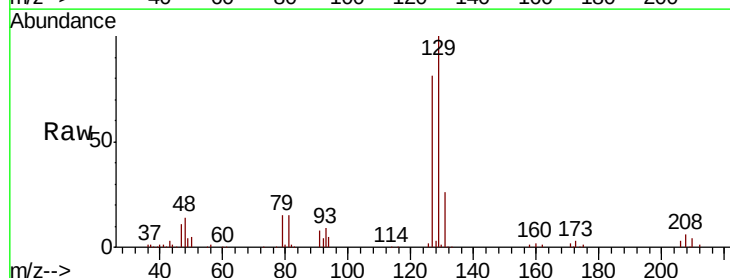
Instrument :
MSVOA_N
ClientSampleId :
VN0924MBSD01

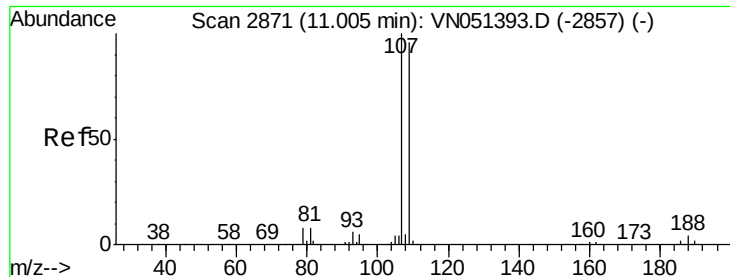
Tot Ion: 43 Resp: 276312
Ion Ratio Lower Upper
43 100
58 53.9 27.7 83.0



#60
Dibromochloromethane
Concen: 19.277 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. 0.00 min
Lab File: VN051452.D
Acq: 24 Sep 2018 11:27

Tgt Ion: 129 Resp: 120861
Ion Ratio Lower Upper
129 100
127 77.9 38.6 116.0





#61

1,2-Dibromoethane

Concen: 19.291 ug/l

RT: 11.00 min Scan# 2871

Delta R.T. 0.00 min

Lab File: VN051452.D

Acq: 24 Sep 2018 11:27

Instrument :

MSVOA_N

ClientSampleId :

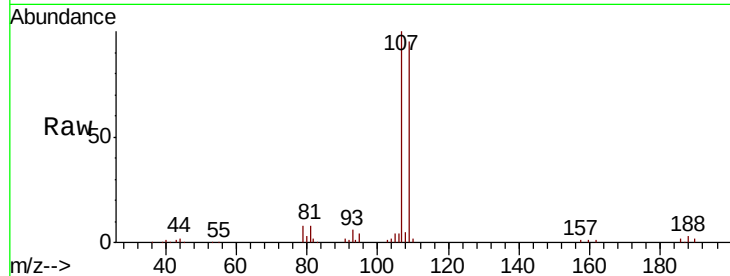
VN0924MBSD01

Tot Ion: 107 Resp: 99513

Ion Ratio Lower Upper

107 100

109 95.2 76.3 114.5



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

11.00

60000

50000

40000

30000

20000

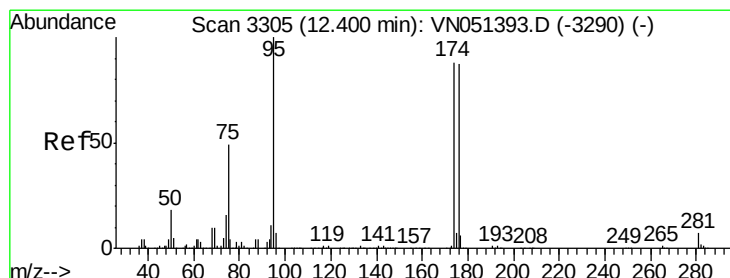
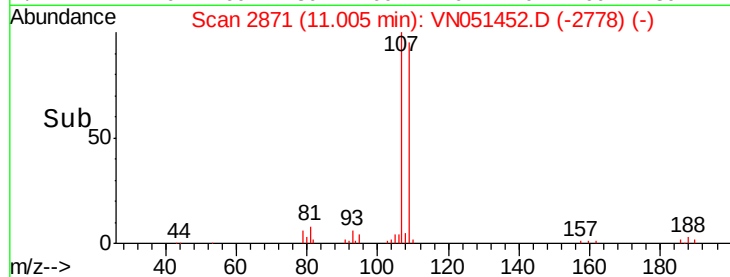
10000

0

Time-->

11.00

11.10



#62

4-Bromofluorobenzene

Concen: 49.907 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN051452.D

Acq: 24 Sep 2018 11:27

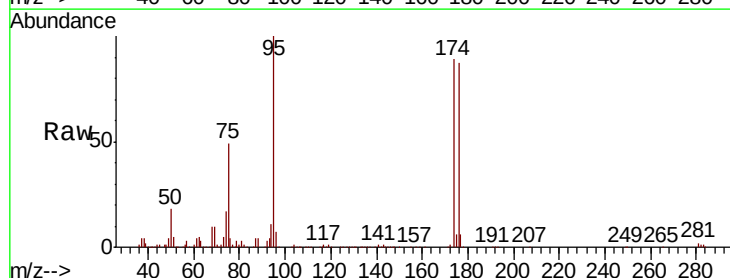
Tgt Ion: 95 Resp: 345917

Ion Ratio Lower Upper

95 100

174 89.1 0.0 181.6

176 86.2 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

250000

200000

150000

100000

50000

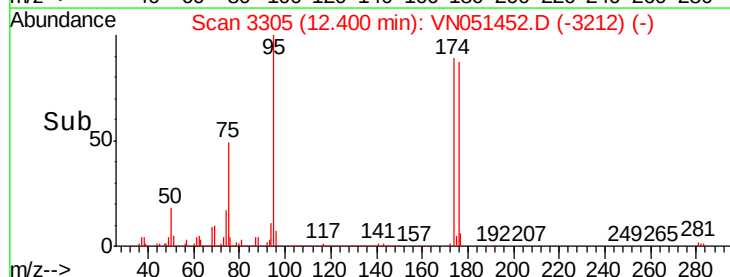
0

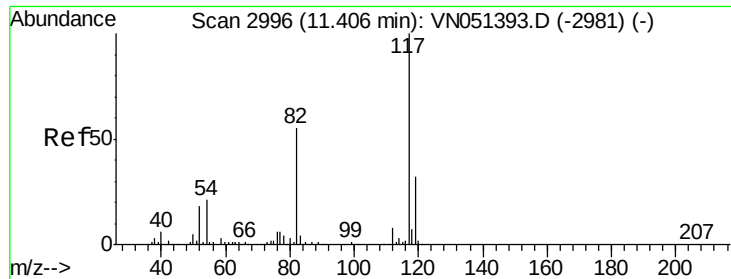
Time-->

12.30

12.40

12.50

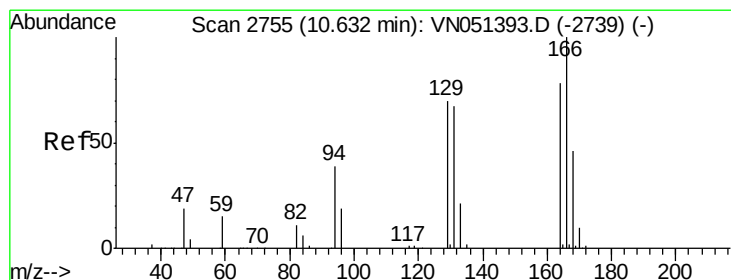
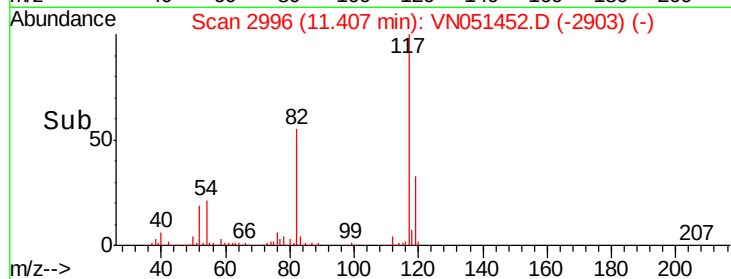
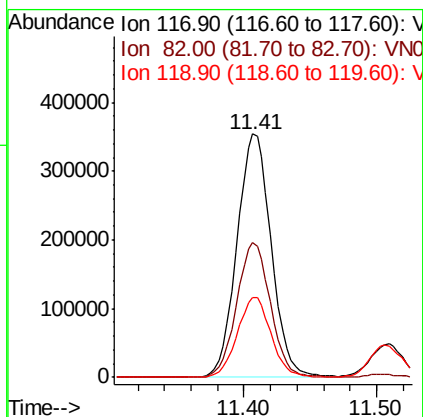
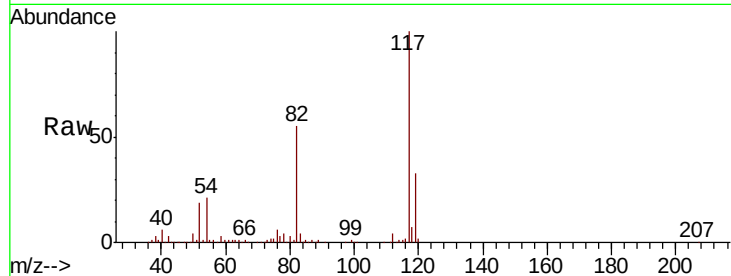




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN051452.D
Acq: 24 Sep 2018 11:27

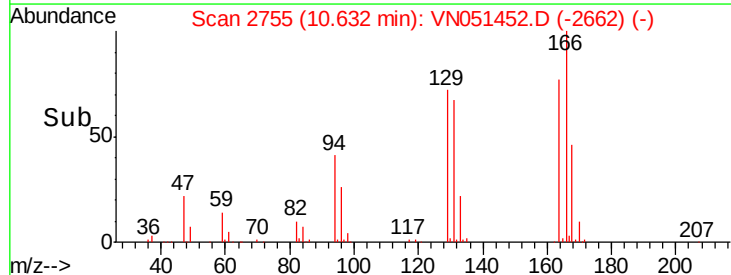
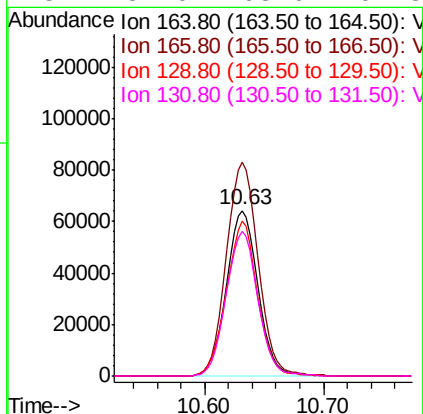
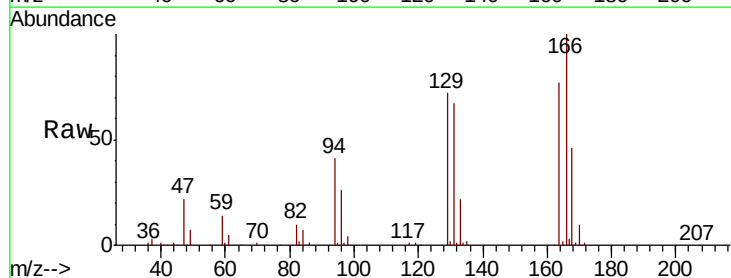
Instrument :
MSVOA_N
ClientSampleId :
VN0924MBSD01

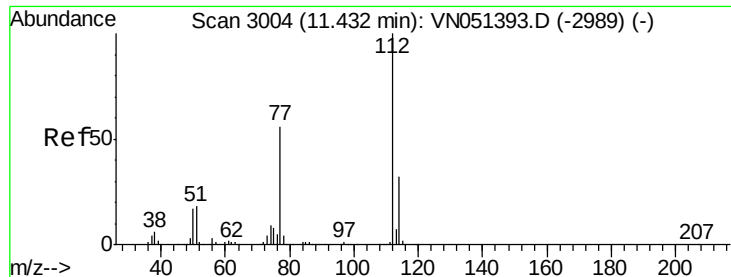
Tot Ion:117 Resp: 635787
Ion Ratio Lower Upper
117 100
82 55.1 44.2 66.2
119 33.0 25.9 38.9



#64
Tetrachloroethene
Concen: 20.524 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. 0.00 min
Lab File: VN051452.D
Acq: 24 Sep 2018 11:27

Tgt Ion:164 Resp: 118423
Ion Ratio Lower Upper
164 100
166 129.0 102.3 153.5
129 93.4 71.8 107.8
131 87.0 68.6 102.8





#65

Chlorobenzene

Concen: 19.569 ug/l

RT: 11.43 min Scan# 3004

Delta R.T. 0.00 min

Lab File: VN051452.D

Acq: 24 Sep 2018 11:27

Instrument :

MSVOA_N

ClientSampleId :

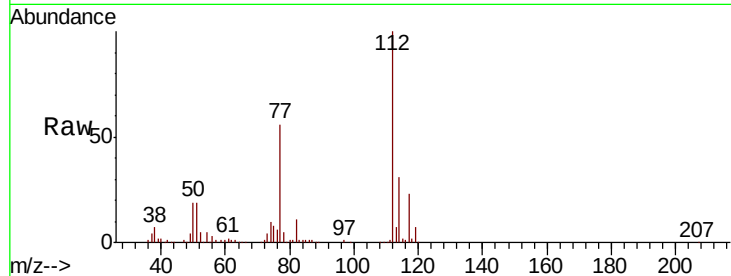
VN0924MBSD01

Tot Ion:112 Resp: 319214

Ion Ratio Lower Upper

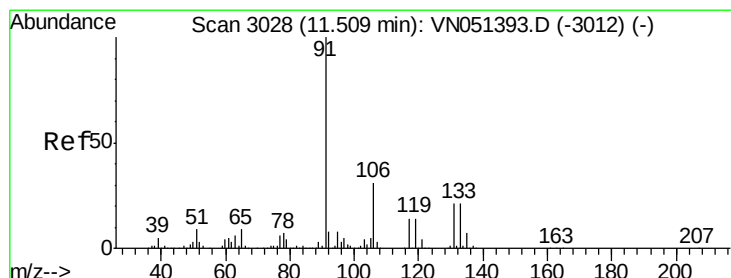
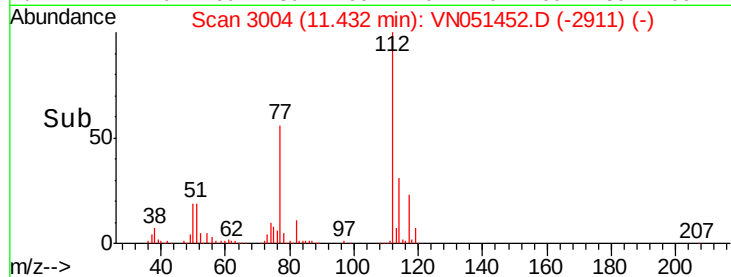
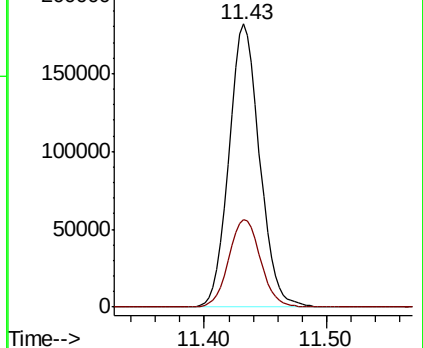
112 100

114 30.9 25.4 38.2



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 19.816 ug/l

RT: 11.51 min Scan# 3027

Delta R.T. -0.00 min

Lab File: VN051452.D

Acq: 24 Sep 2018 11:27

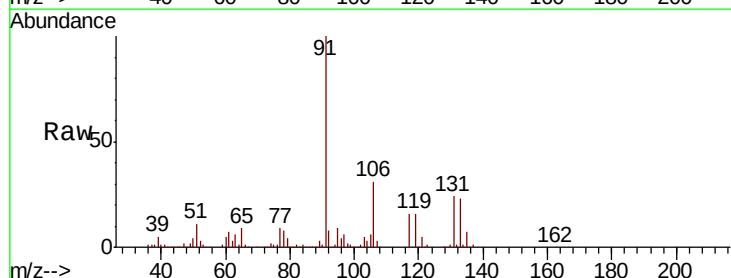
Tgt Ion:131 Resp: 123153

Ion Ratio Lower Upper

131 100

133 97.0 48.3 144.8

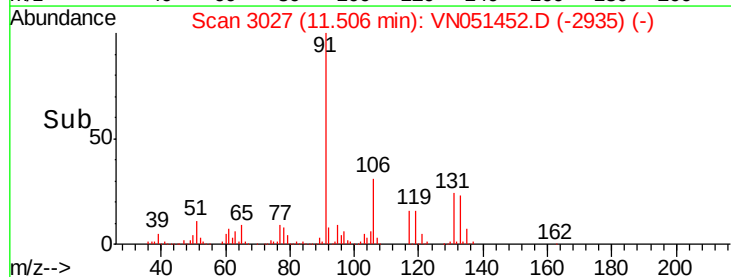
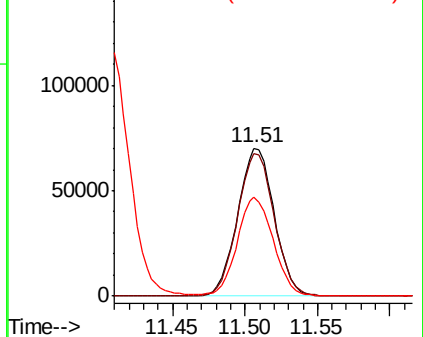
119 66.0 32.8 98.4

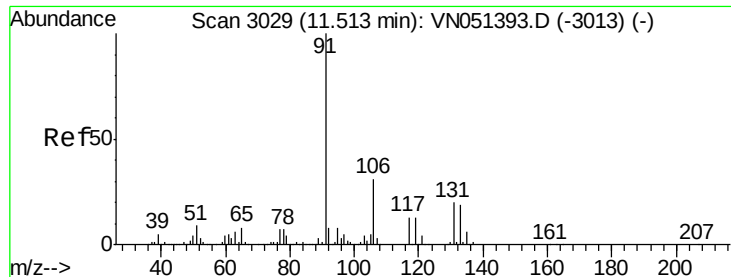


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

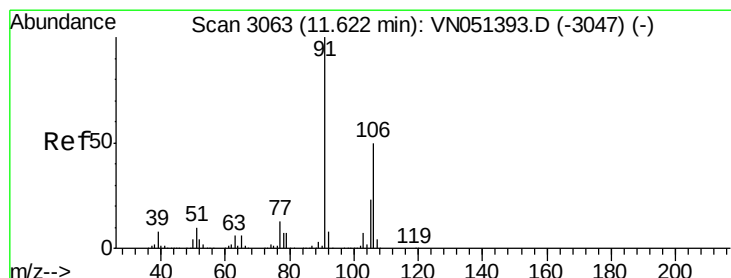
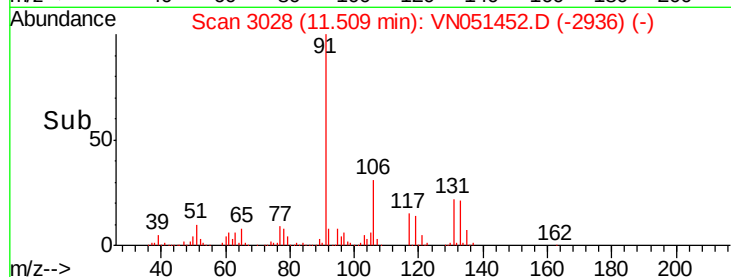
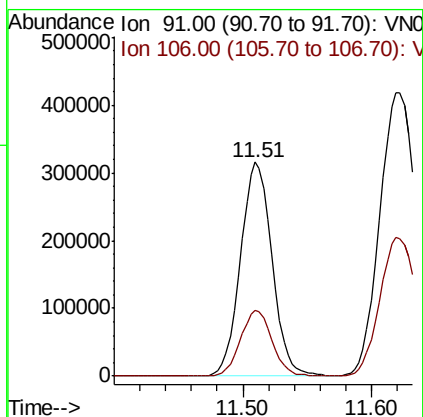
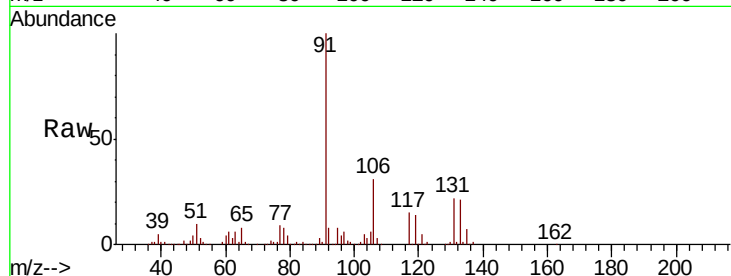




#67
Ethyl Benzene
Concen: 19.559 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. -0.00 min
Lab File: VN051452.D
Acq: 24 Sep 2018 11:27

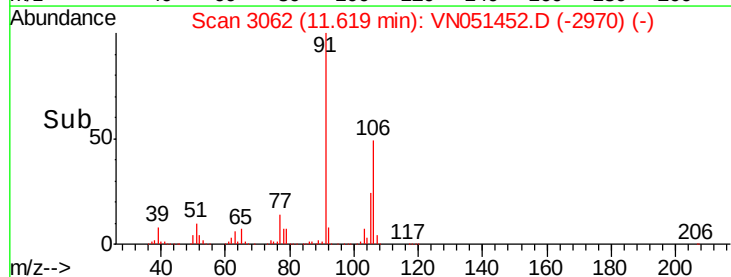
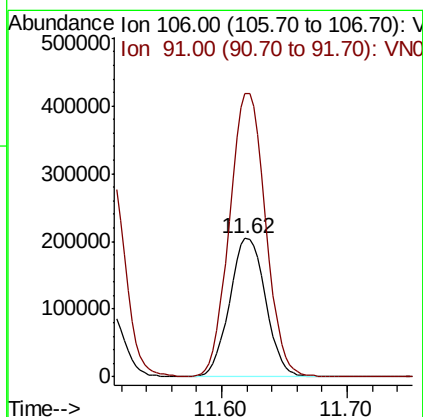
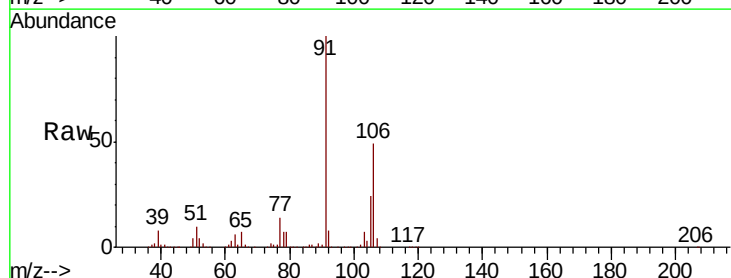
Instrument :
MSVOA_N
ClientSampleId :
VN0924MBSD01

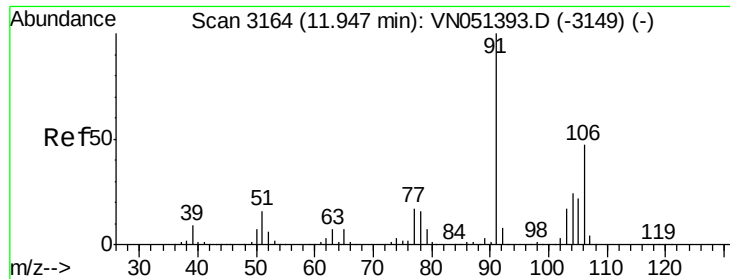
Tot Ion: 91 Resp: 537697
Ion Ratio Lower Upper
91 100
106 31.0 25.0 37.4



#68
m/p-Xylenes
Concen: 38.539 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN051452.D
Acq: 24 Sep 2018 11:27

Tgt Ion: 106 Resp: 409808
Ion Ratio Lower Upper
106 100
91 203.4 161.3 241.9

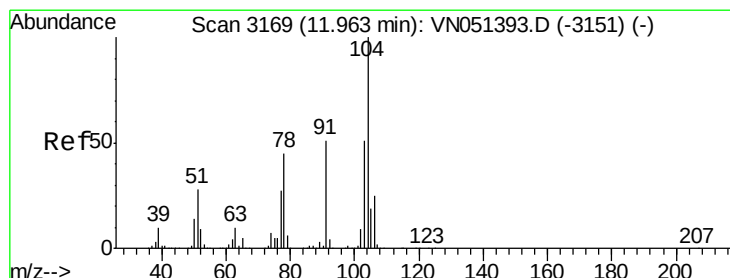
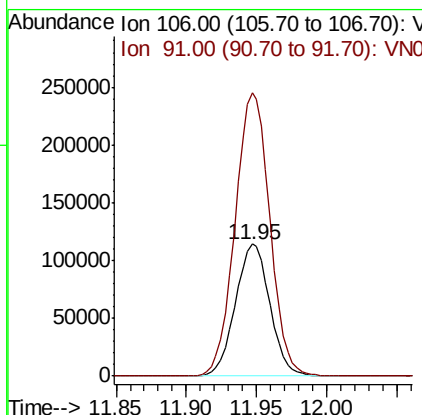
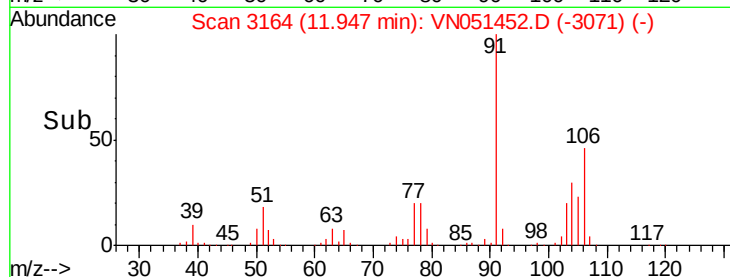
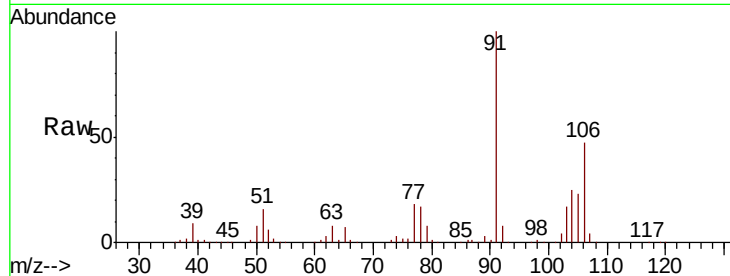




#69
o-Xylene
Concen: 19.126 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN051452.D
Acq: 24 Sep 2018 11:27

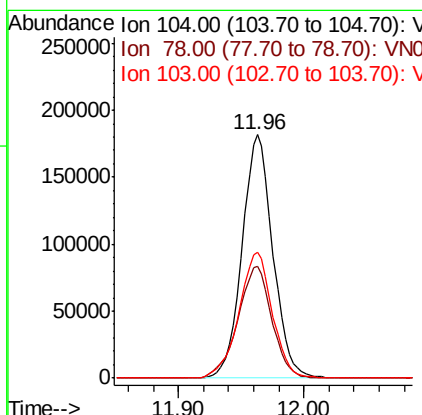
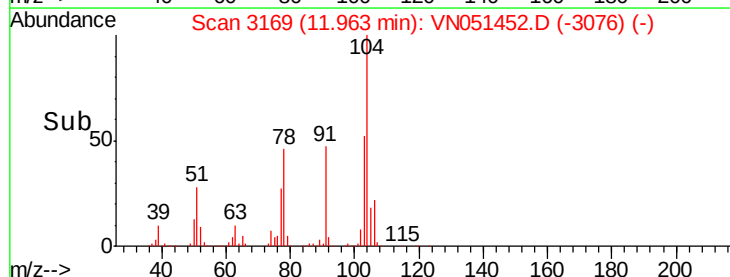
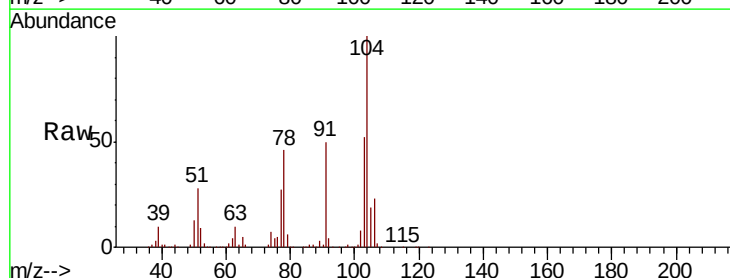
Instrument :
MSVOA_N
ClientSampled :
VN0924MBSD01

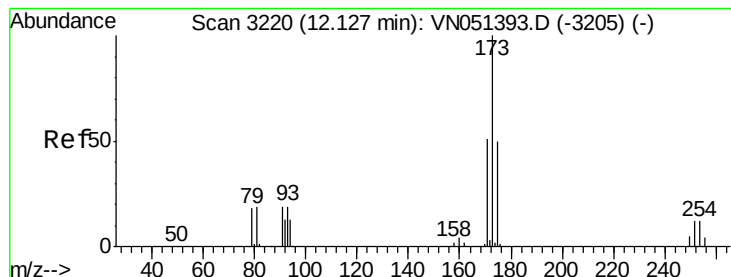
Tot Ion:106 Resp: 195519
Ion Ratio Lower Upper
106 100
91 215.7 105.3 315.9



#70
Styrene
Concen: 19.150 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN051452.D
Acq: 24 Sep 2018 11:27

Tgt Ion:104 Resp: 310195
Ion Ratio Lower Upper
104 100
78 50.6 39.9 59.9
103 56.0 44.6 66.8





#71

Bromoform

Concen: 19.077 ug/l

RT: 12.13 min Scan# 3220

Delta R.T. 0.00 min

Lab File: VN051452.D

Acq: 24 Sep 2018 11:27

Instrument :

MSVOA_N

ClientSampleId :

VN0924MBSD01

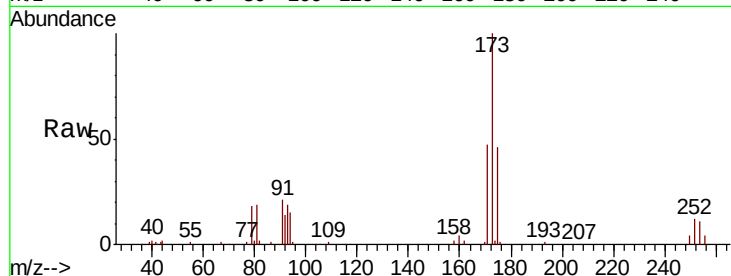
Tot Ion:173 Resp: 80447

Ion Ratio Lower Upper

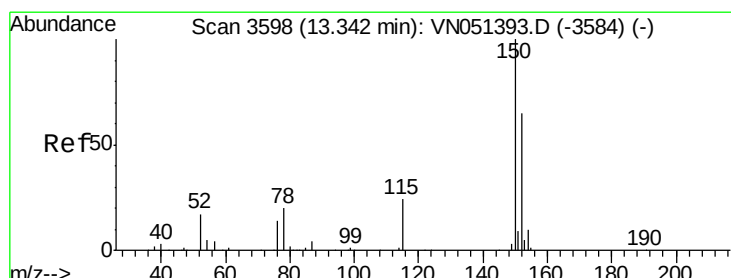
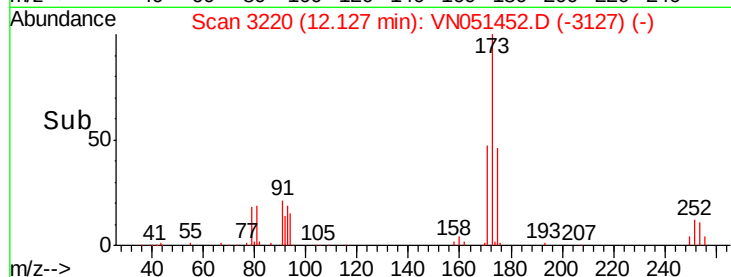
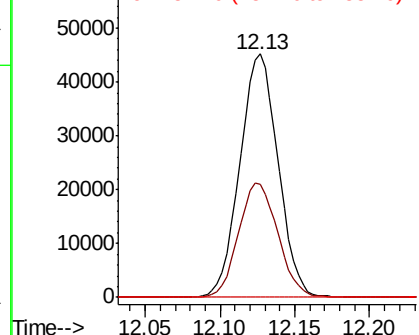
173 100

175 48.2 24.8 74.3

254 0.0 0.2 0.2#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN051452.D

Acq: 24 Sep 2018 11:27

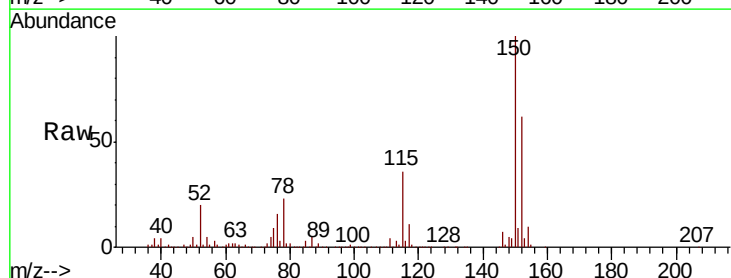
Tgt Ion:152 Resp: 309802

Ion Ratio Lower Upper

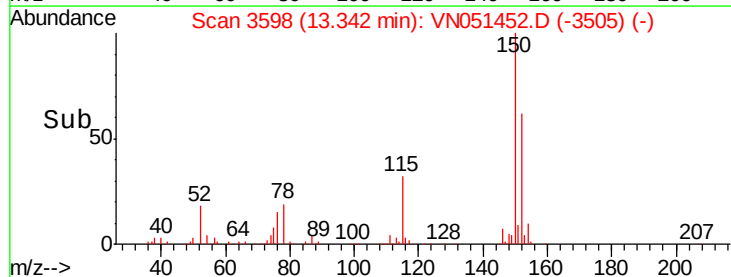
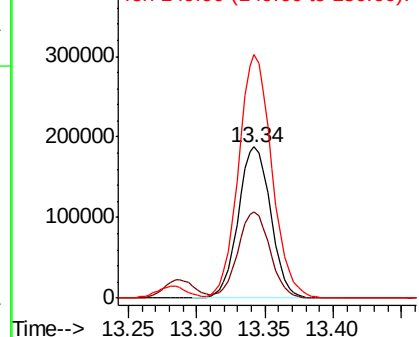
152 100

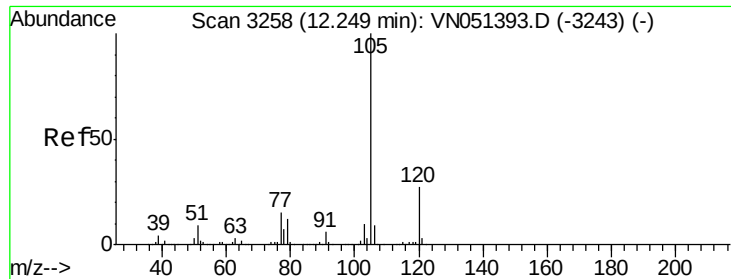
115 56.5 28.3 84.9

150 165.0 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: 20.128 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN051452.D

Acq: 24 Sep 2018 11:27

Instrument :

MSVOA_N

ClientSampleId :

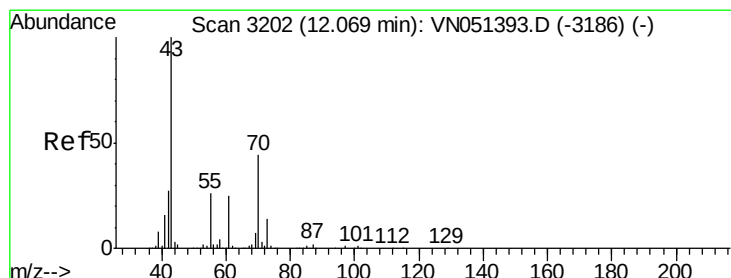
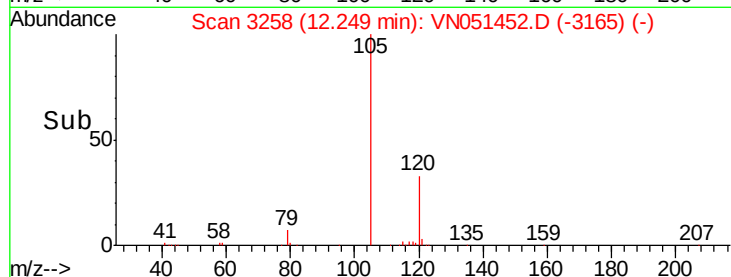
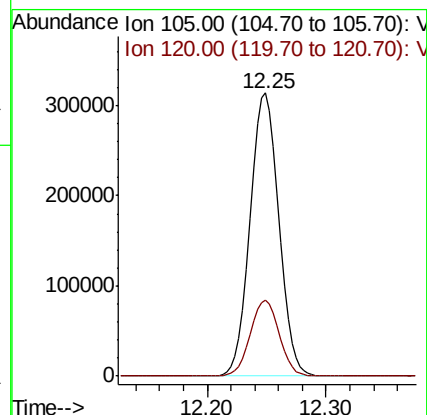
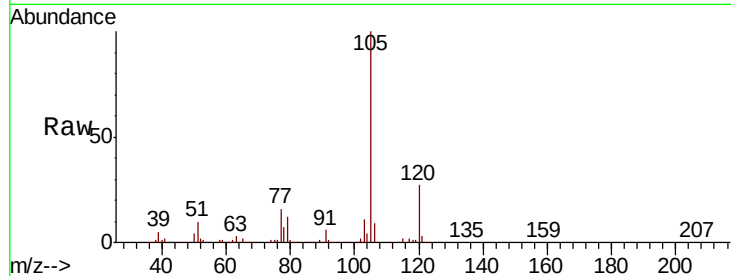
VN0924MBSD01

Tot Ion:105 Resp: 526126

Ion Ratio Lower Upper

105 100

120 26.9 13.3 39.8



#74

N-ethyl acetate

Concen: 19.088 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN051452.D

Acq: 24 Sep 2018 11:27

Tgt Ion: 43 Resp: 125189

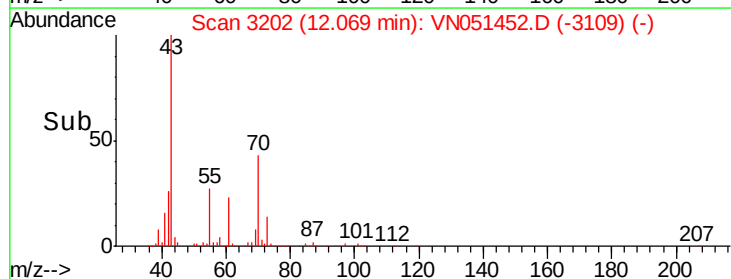
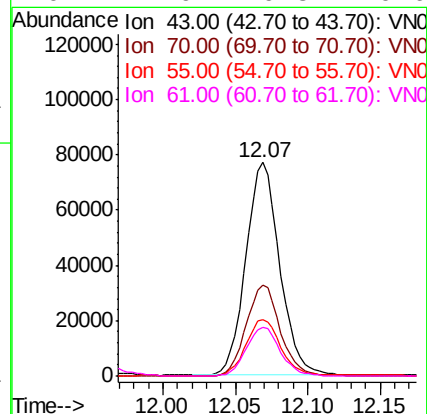
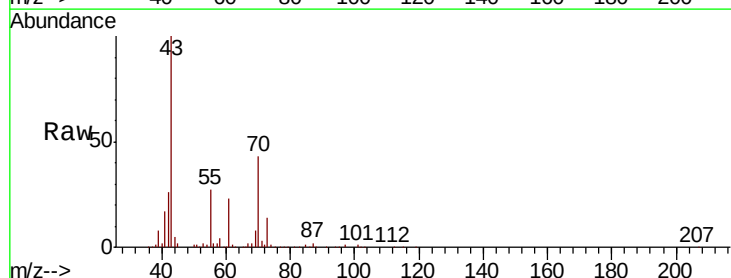
Ion Ratio Lower Upper

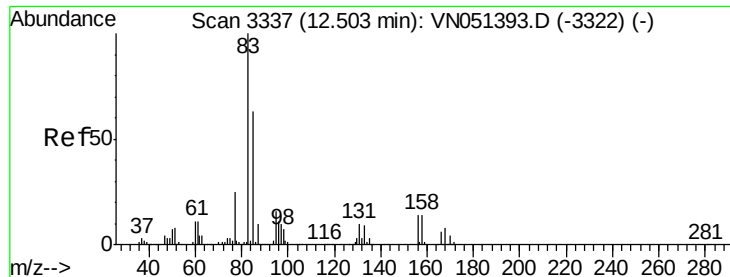
43 100

70 43.0 35.0 52.4

55 27.5 21.4 32.2

61 22.9 19.8 29.6





#75

1,1,2,2-Tetrachloroethane

Concen: 20.336 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN051452.D

Acq: 24 Sep 2018 11:27

Instrument :

MSVOA_N

ClientSampleId :

VN0924MBSD01

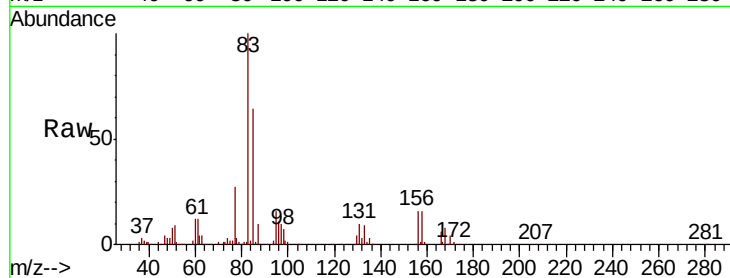
Tot Ion: 83 Resp: 123956

Ion Ratio Lower Upper

83 100

131 10.5 5.3 15.9

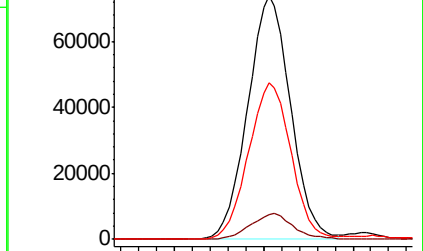
85 63.7 31.6 95.0



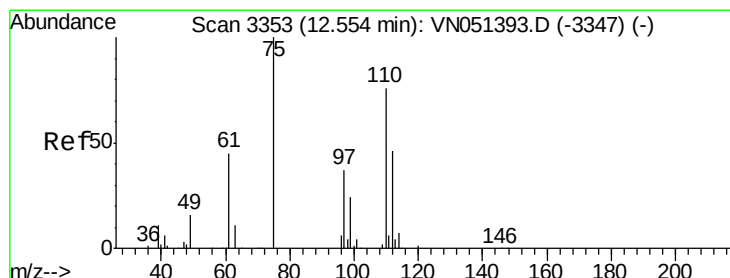
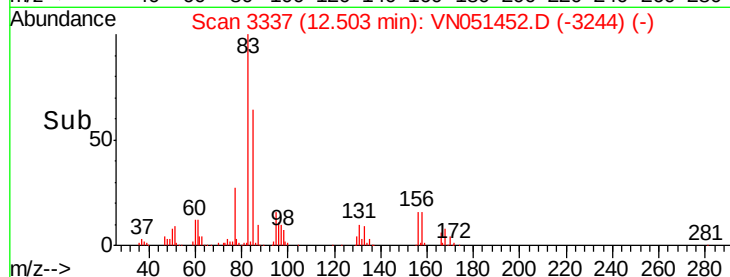
Abundance Ion 82.90 (82.60 to 83.60): VN051393.D (-3322) (-)

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: 29.260 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN051452.D

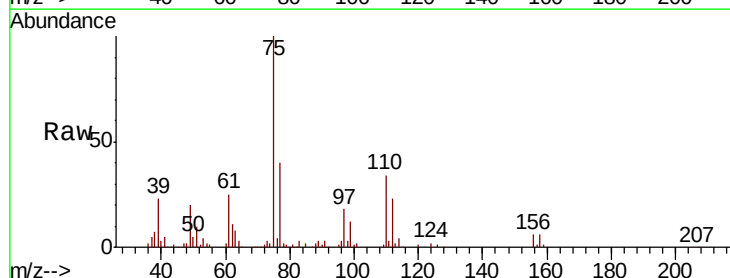
Acq: 24 Sep 2018 11:27

Tgt Ion: 75 Resp: 150482

Ion Ratio Lower Upper

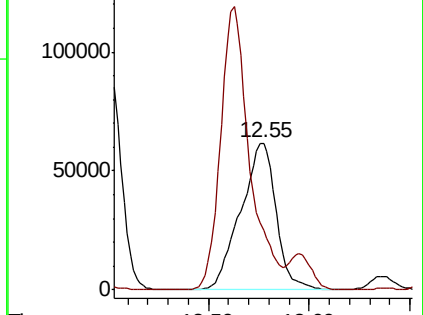
75 100

77 0.0 0.0 0.0

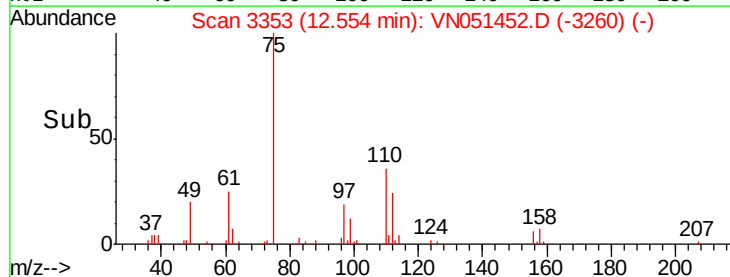


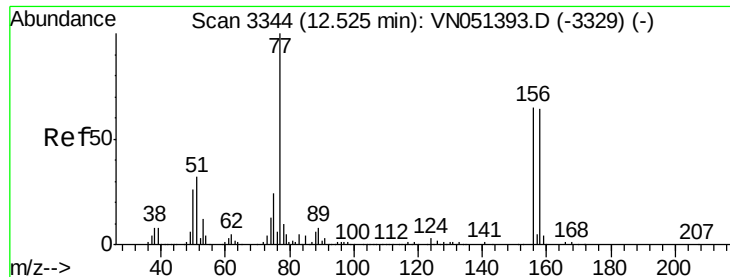
Abundance Ion 74.90 (74.60 to 75.60): VN051393.D (-3347) (-)

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



Time-->





#77

Bromobenzene

Concen: 19.618 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN051452.D

Acq: 24 Sep 2018 11:27

Instrument :

MSVOA_N

ClientSampleId :

VN0924MBSD01

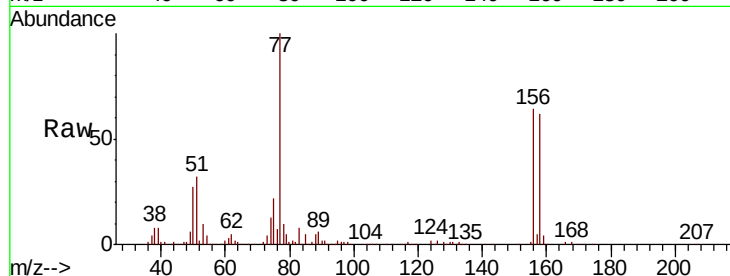
Tot Ion:156 Resp: 129811

Ion Ratio Lower Upper

156 100

77 184.2 89.5 268.4

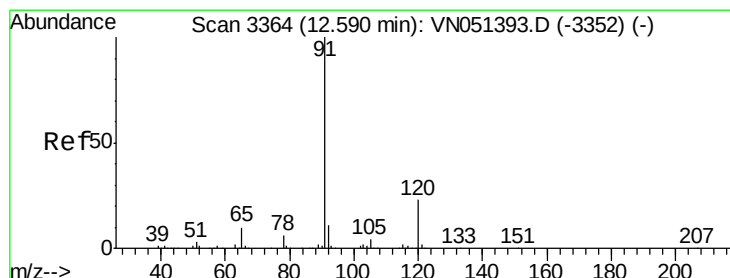
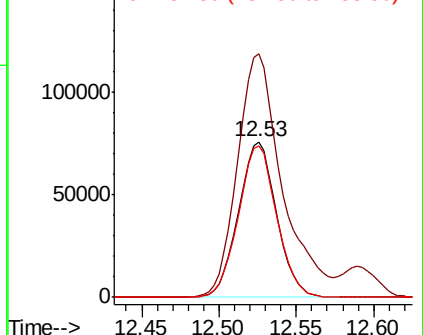
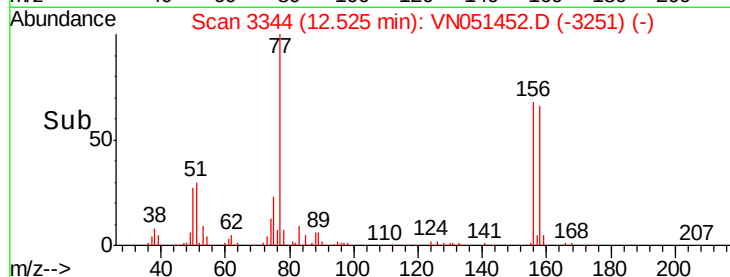
158 98.2 49.4 148.2



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: 20.135 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN051452.D

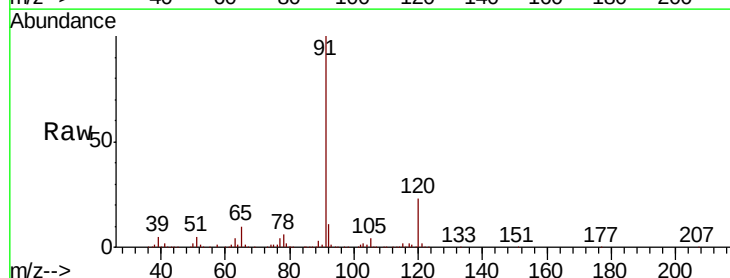
Acq: 24 Sep 2018 11:27

Tgt Ion: 91 Resp: 593179

Ion Ratio Lower Upper

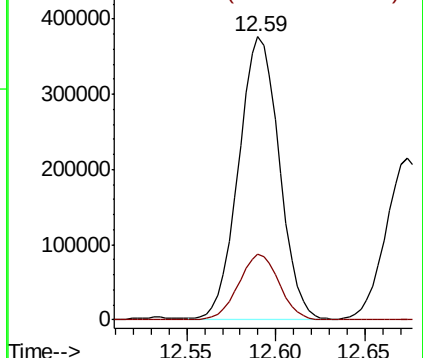
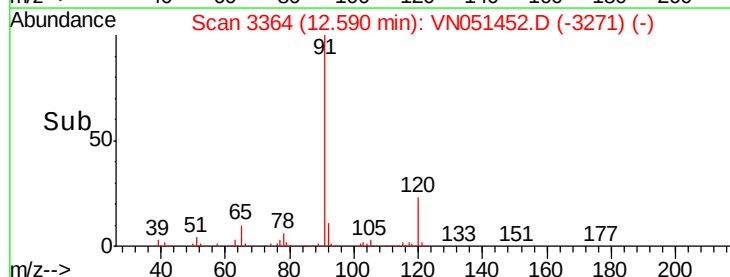
91 100

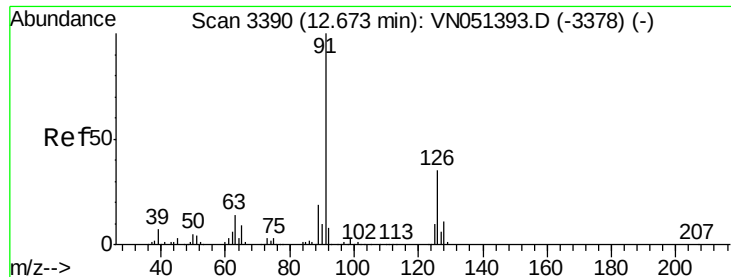
120 23.3 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.262 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. 0.00 min

Lab File: VN051452.D

Acq: 24 Sep 2018 11:27

Instrument :

MSVOA_N

ClientSampleId :

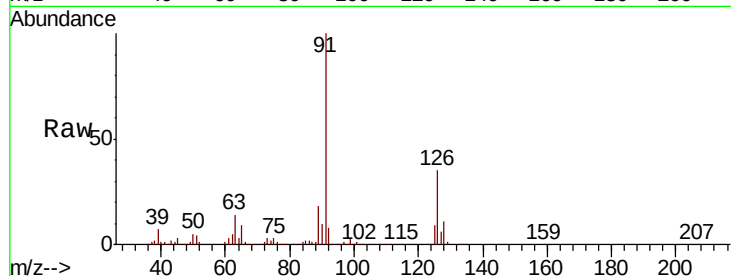
VN0924MBSD01

Tot Ion: 91 Resp: 357299

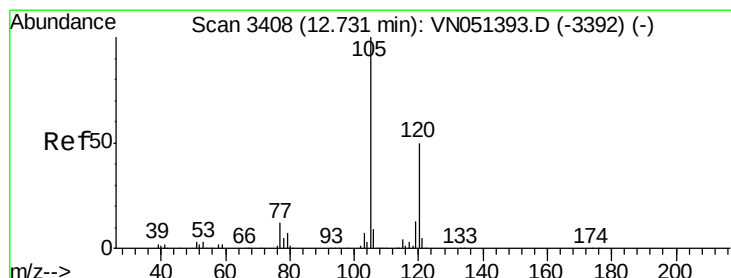
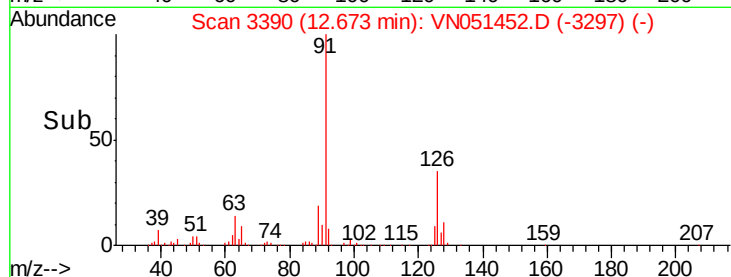
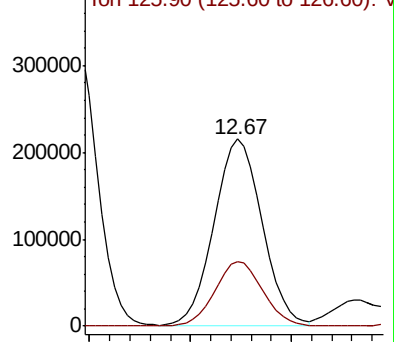
Ion Ratio Lower Upper

91 100

126 34.6 17.6 52.8



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



#80

1,3,5-Trimethylbenzene

Concen: 20.772 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN051452.D

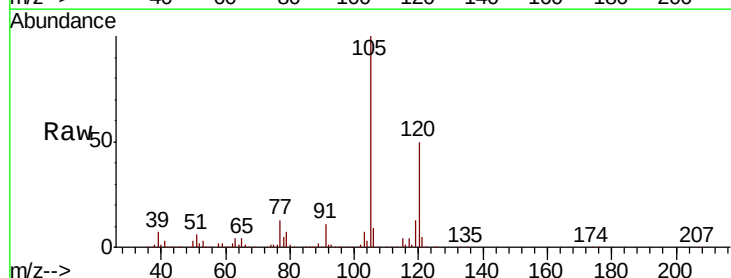
Acq: 24 Sep 2018 11:27

Tgt Ion: 105 Resp: 442748

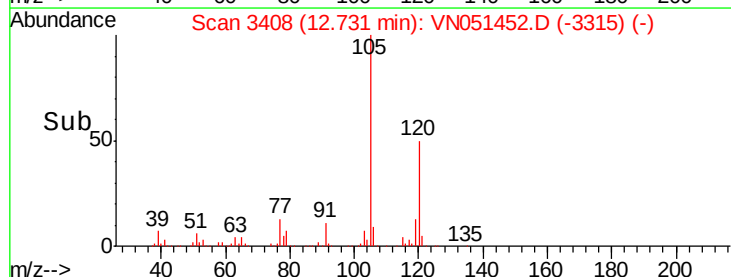
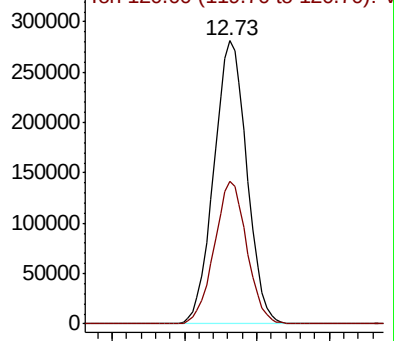
Ion Ratio Lower Upper

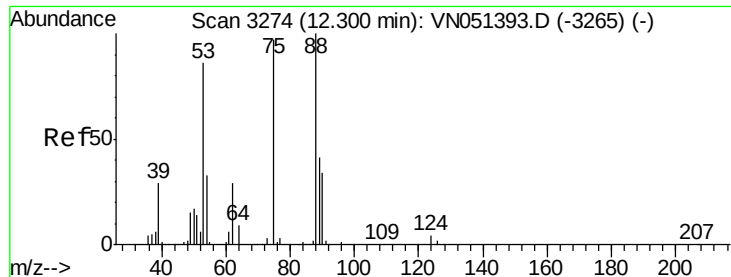
105 100

120 49.9 24.8 74.4



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





#81

trans-1,4-Dichloro-2-butene

Concen: 18.070 ug/l

RT: 12.30 min Scan# 3273

Delta R.T. -0.00 min

Lab File: VN051452.D

Acq: 24 Sep 2018 11:27

Instrument :

MSVOA_N

ClientSampleId :

VN0924MBSD01

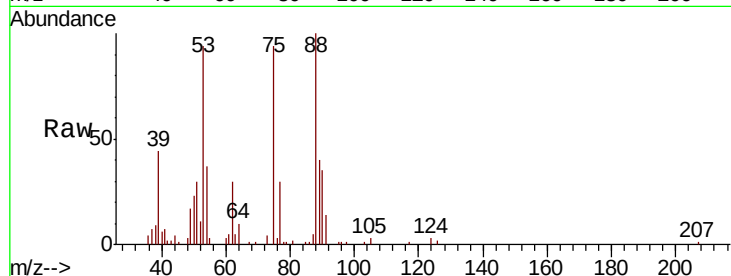
Tot Ion: 75 Resp: 30223

Ion Ratio Lower Upper

75 100

53 97.9 73.9 110.9

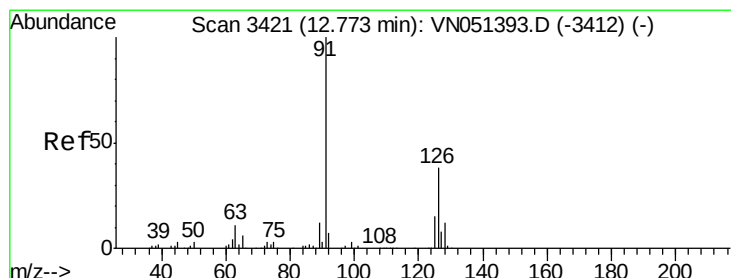
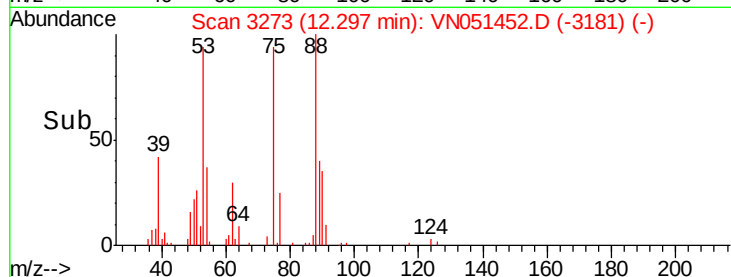
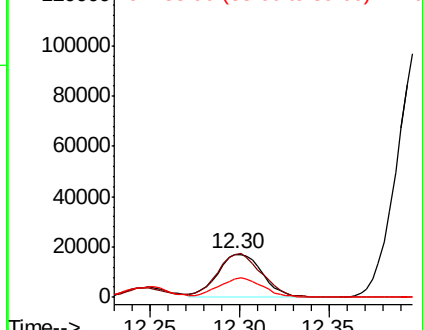
89 44.3 36.7 55.1



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: 20.011 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. 0.00 min

Lab File: VN051452.D

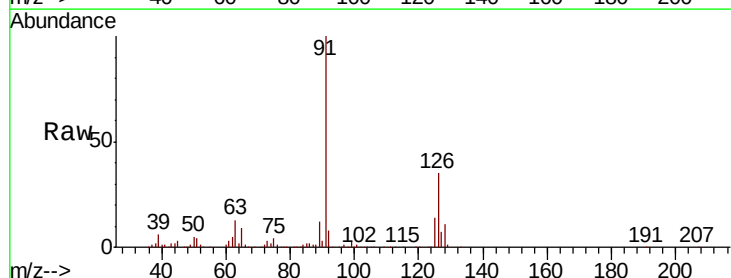
Acq: 24 Sep 2018 11:27

Tgt Ion: 91 Resp: 352203

Ion Ratio Lower Upper

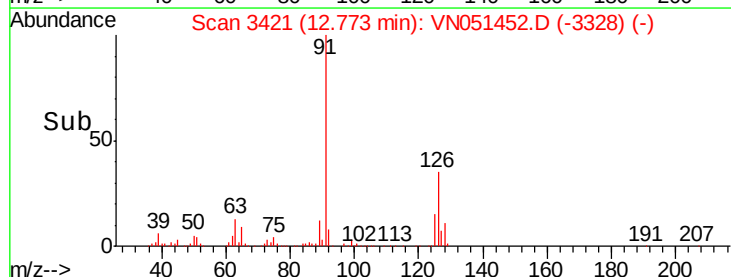
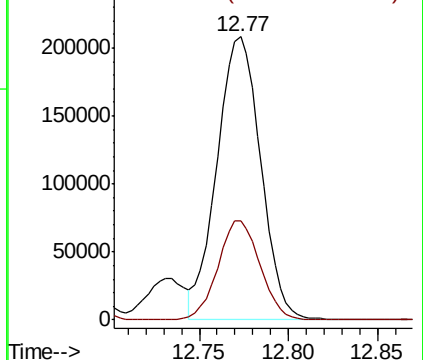
91 100

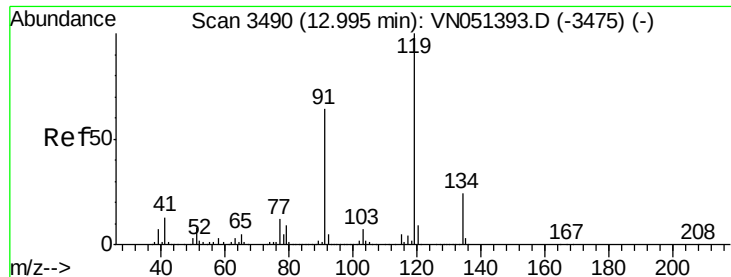
126 34.0 17.5 52.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

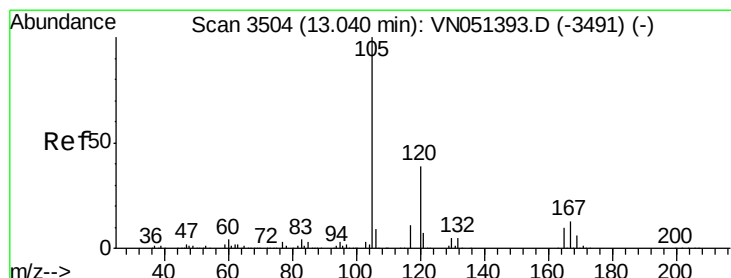
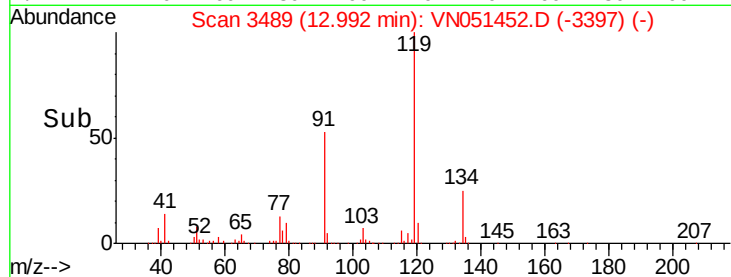
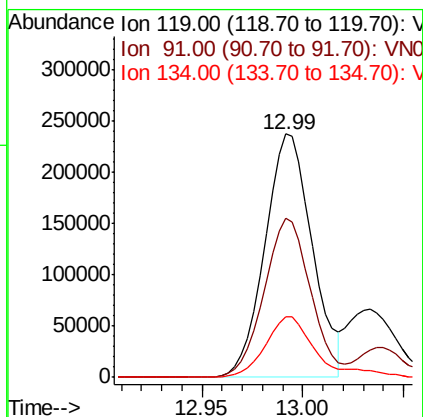
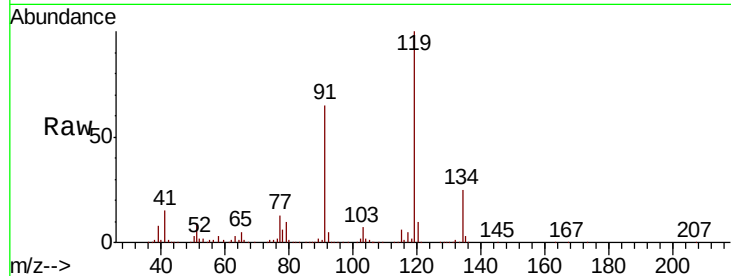




#83
 tert-Butylbenzene
 Concen: 20.393 ug/l
 RT: 12.99 min Scan# 3489
 Delta R.T. -0.00 min
 Lab File: VN051452.D
 Acq: 24 Sep 2018 11:27

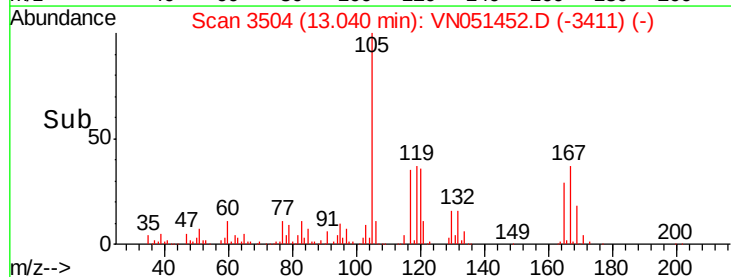
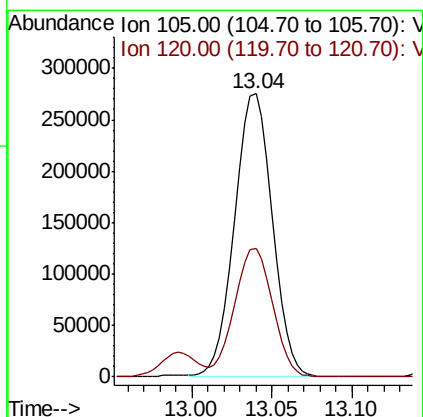
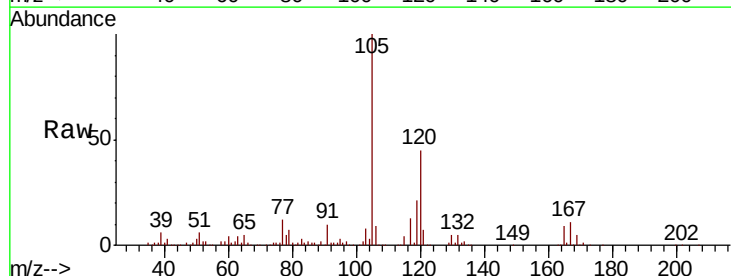
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0924MBSD01

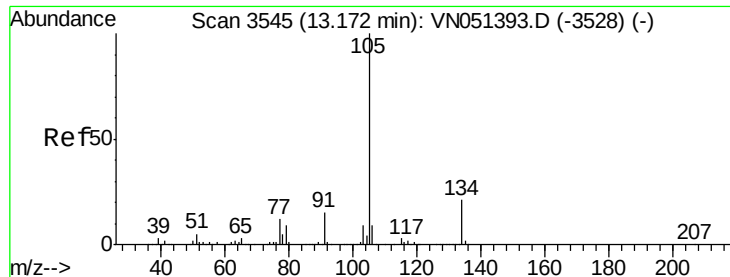
Tot Ion:119 Resp: 386889
 Ion Ratio Lower Upper
 119 100
 91 64.0 31.7 95.1
 134 24.5 12.3 36.9



#84
 1,2,4-Trimethylbenzene
 Concen: 20.543 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: VN051452.D
 Acq: 24 Sep 2018 11:27

Tgt Ion:105 Resp: 441223
 Ion Ratio Lower Upper
 105 100
 120 45.9 22.9 68.7





#85

sec-Butylbenzene

Concen: 20.343 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. 0.00 min

Lab File: VN051452.D

Acq: 24 Sep 2018 11:27

Instrument :

MSVOA_N

ClientSampleId :

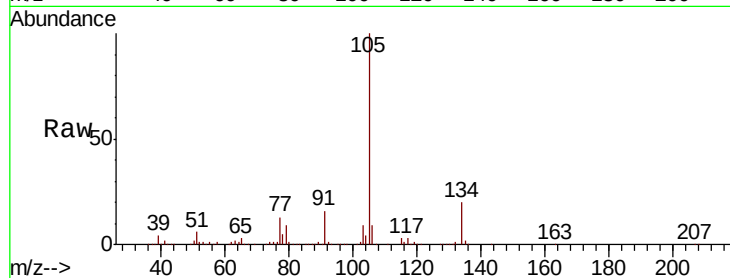
VN0924MBSD01

Tot Ion:105 Resp: 522094

Ion Ratio Lower Upper

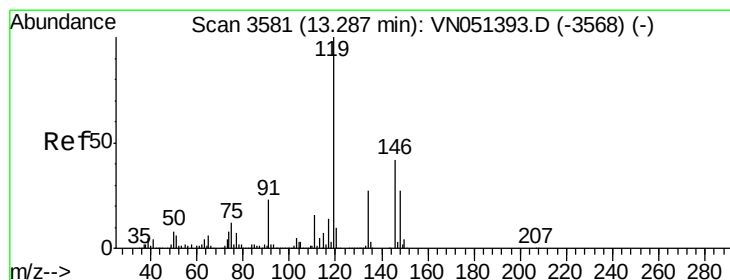
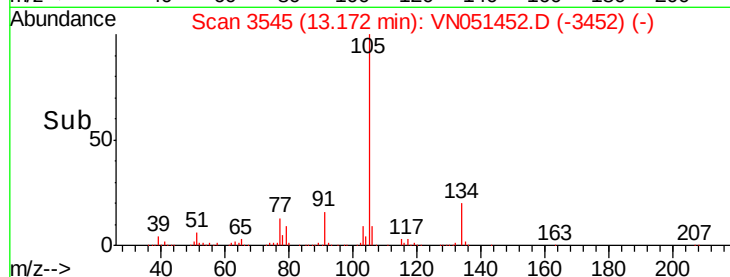
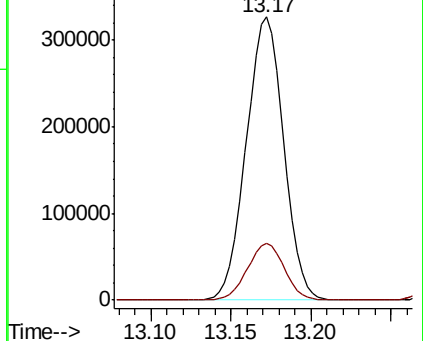
105 100

134 19.8 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: 20.398 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. 0.00 min

Lab File: VN051452.D

Acq: 24 Sep 2018 11:27

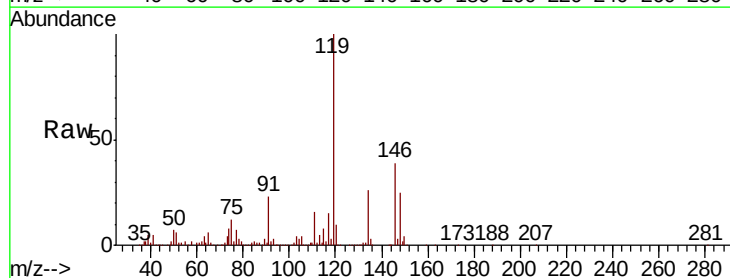
Tgt Ion:119 Resp: 452983

Ion Ratio Lower Upper

119 100

134 26.5 13.3 39.9

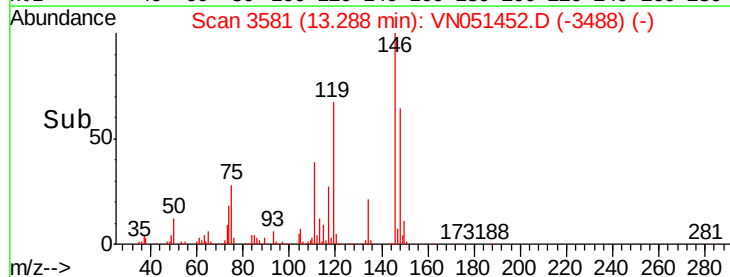
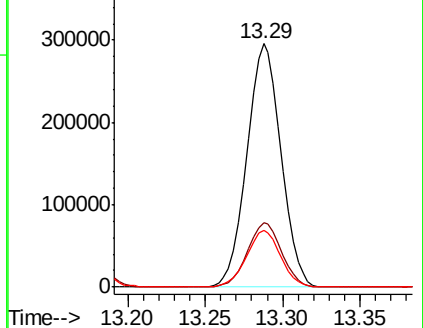
91 23.1 11.4 34.2

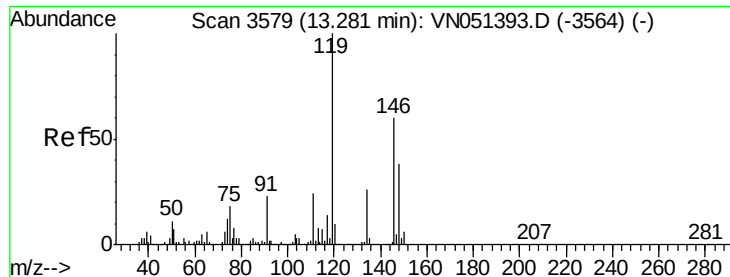


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

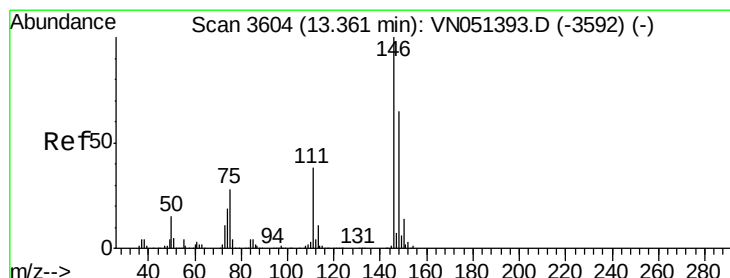
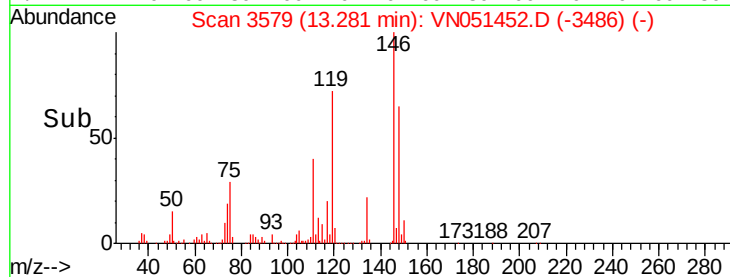
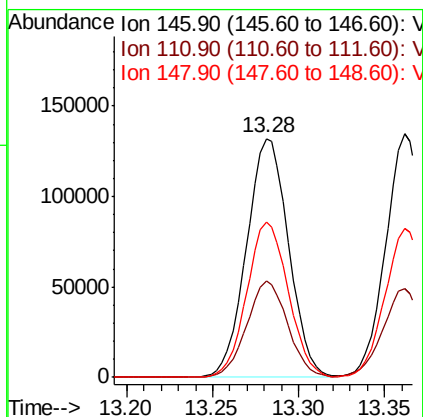
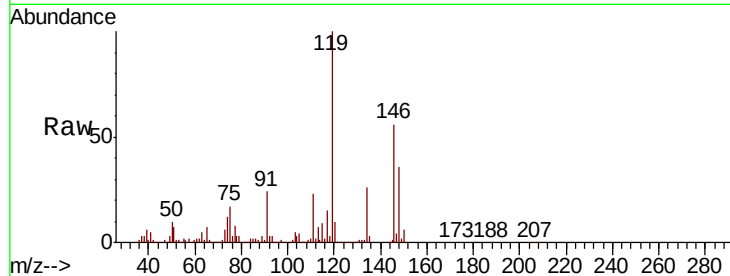




#87
 1,3-Dichlorobenzene
 Concen: 19.493 ug/l
 RT: 13.28 min Scan# 3579
 Delta R.T. 0.00 min
 Lab File: VN051452.D
 Acq: 24 Sep 2018 11:27

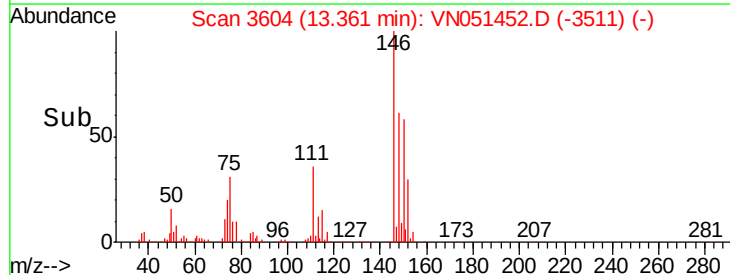
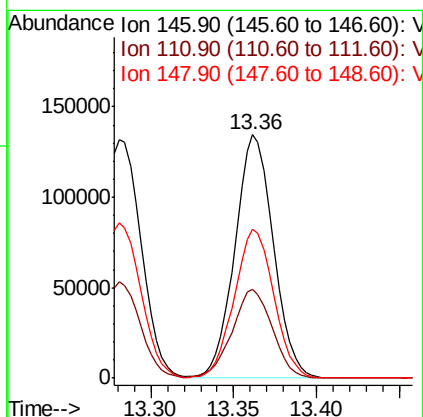
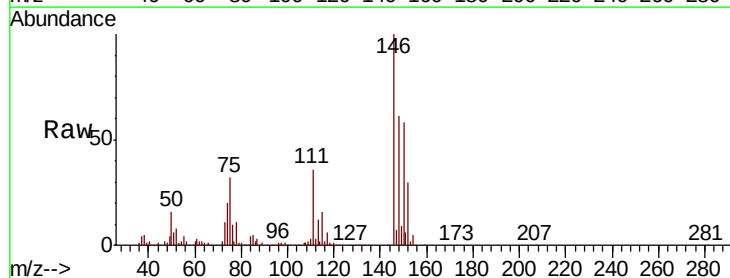
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0924MBSD01

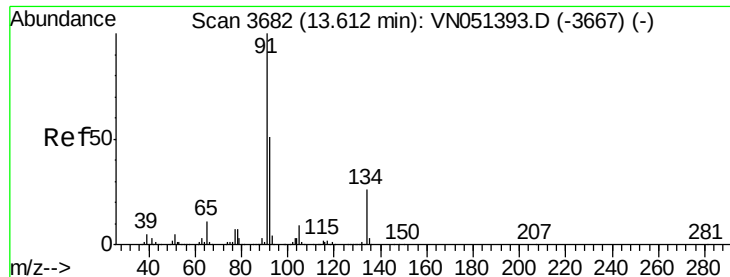
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.3	19.7	59.1
148	64.2	31.9	95.7



#88
 1,4-Dichlorobenzene
 Concen: 19.666 ug/l
 RT: 13.36 min Scan# 3604
 Delta R.T. 0.00 min
 Lab File: VN051452.D
 Acq: 24 Sep 2018 11:27

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.0	19.1	57.1
148	63.0	32.5	97.5





#89

n-Butylbenzene

Concen: 19.462 ug/l

RT: 13.61 min Scan# 3682

Delta R.T. 0.00 min

Lab File: VN051452.D

Acq: 24 Sep 2018 11:27

Instrument :

MSVOA_N

ClientSampleId :

VN0924MBSD01

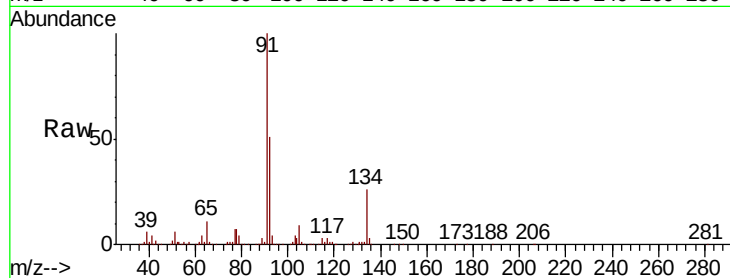
Tot Ion: 91 Resp: 355410

Ion Ratio Lower Upper

91 100

92 51.5 25.5 76.5

134 26.3 13.3 39.8

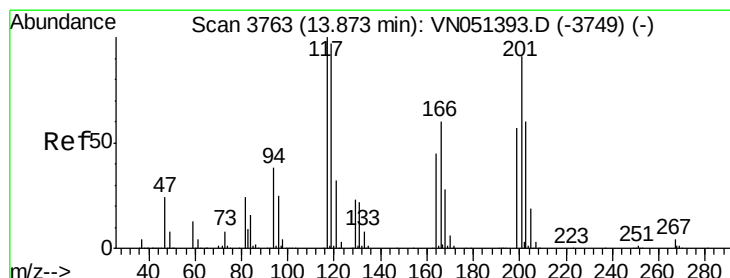
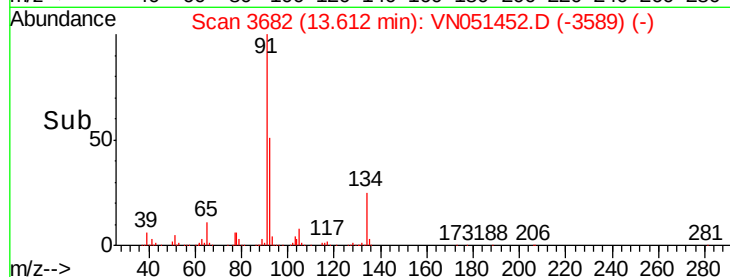
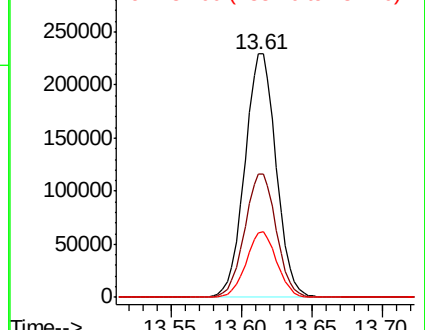


Abundance

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: 19.524 ug/l

RT: 13.87 min Scan# 3763

Delta R.T. 0.00 min

Lab File: VN051452.D

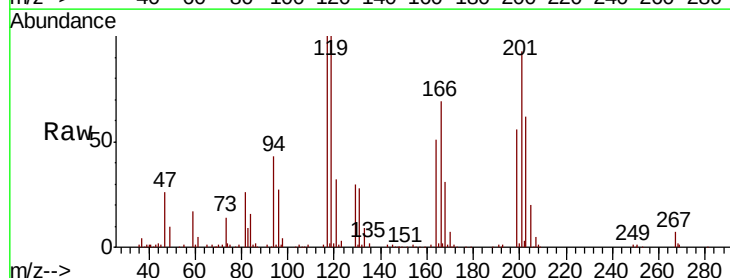
Acq: 24 Sep 2018 11:27

Tgt Ion: 117 Resp: 86391

Ion Ratio Lower Upper

117 100

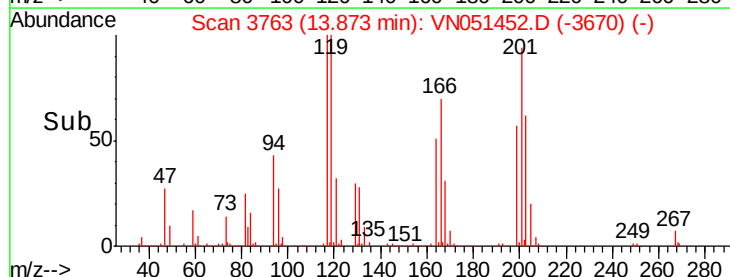
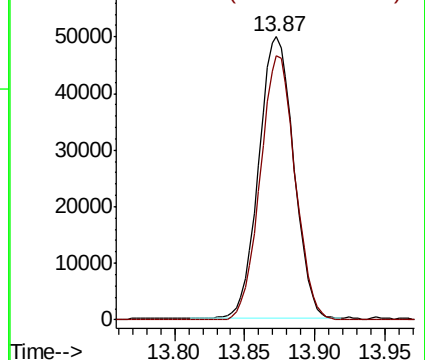
201 92.9 45.5 136.4

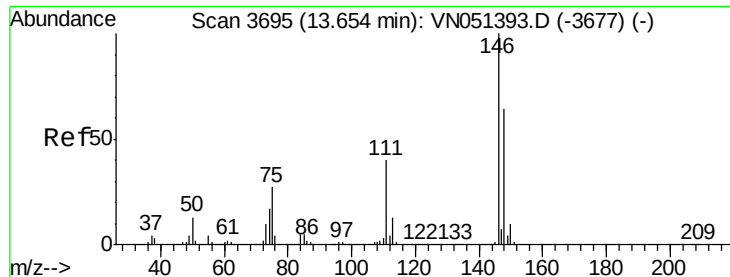


Abundance

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

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

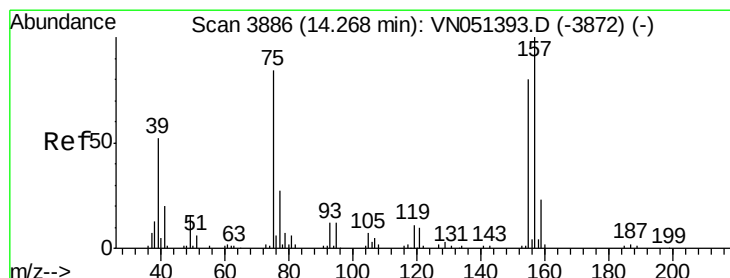
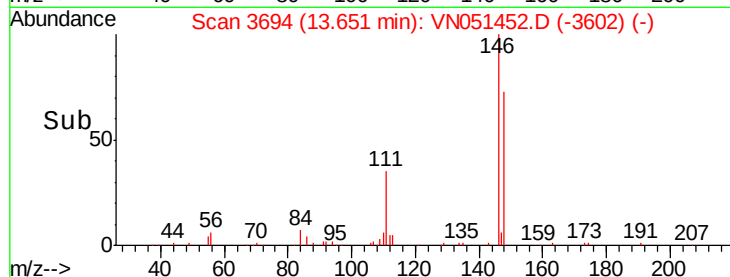
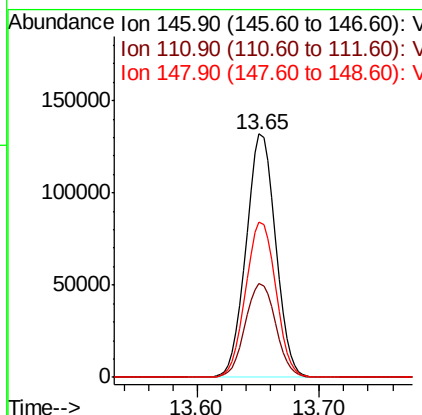
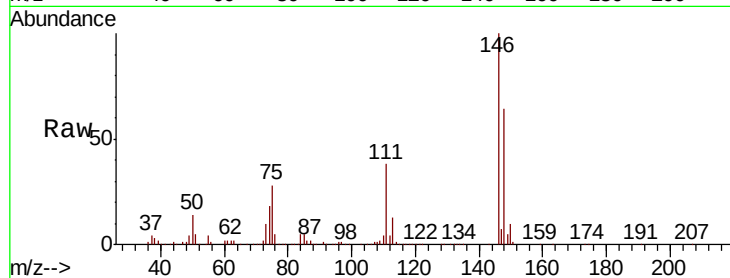




#91
 1,2-Dichlorobenzene
 Concen: 19.730 ug/l
 RT: 13.65 min Scan# 3694
 Delta R.T. -0.00 min
 Lab File: VN051452.D
 Acq: 24 Sep 2018 11:27

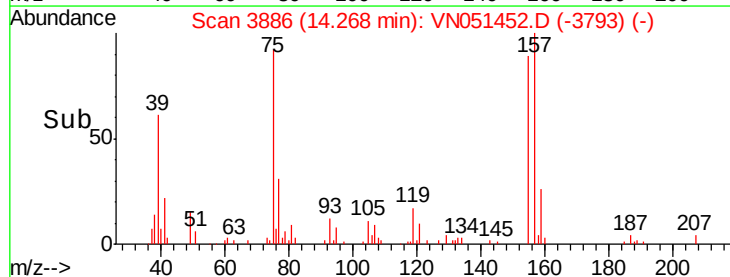
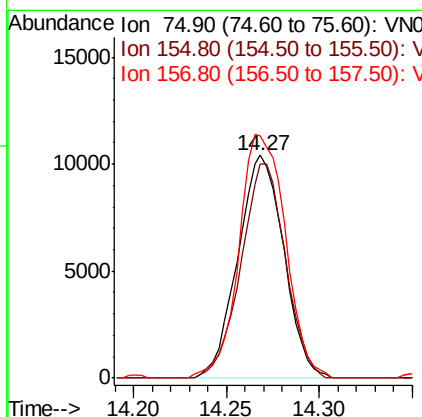
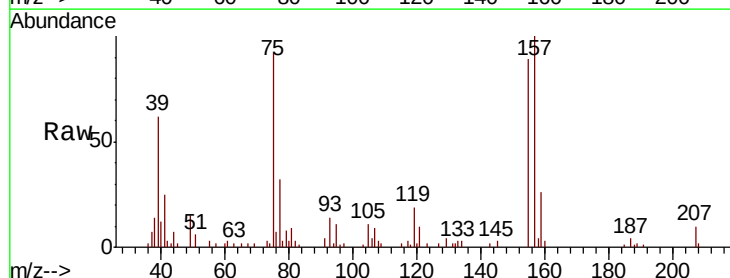
Instrument :
 MSVOA_N
 ClientSampled :
 VN0924MBSD01

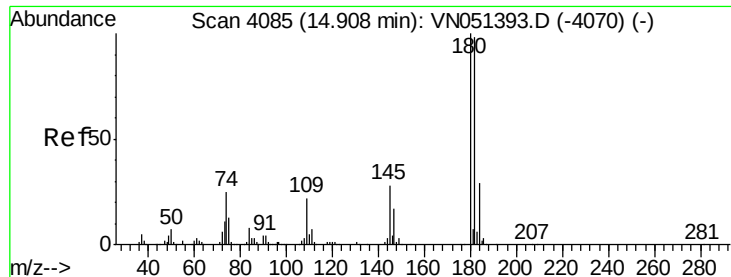
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.8	20.0	60.0
148	65.5	32.1	96.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.644 ug/l
 RT: 14.27 min Scan# 3886
 Delta R.T. 0.00 min
 Lab File: VN051452.D
 Acq: 24 Sep 2018 11:27

Tgt Ion	Ratio	Lower	Upper
75	100		
155	93.2	46.9	140.6
157	110.8	58.4	175.1

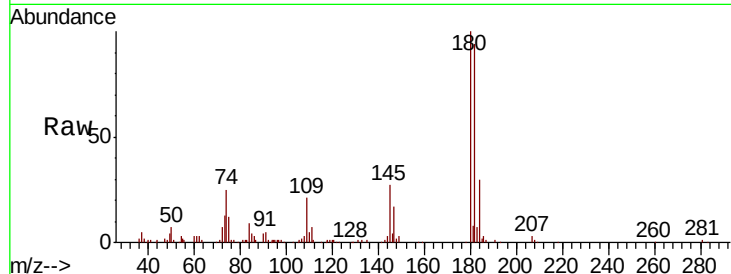




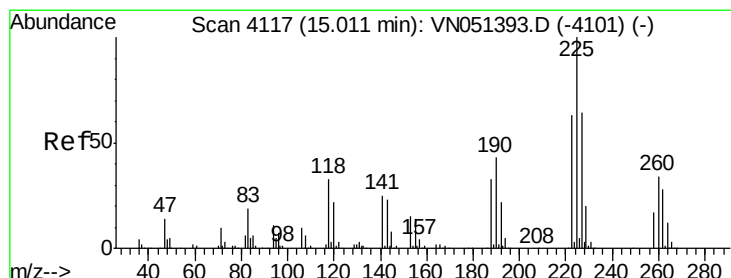
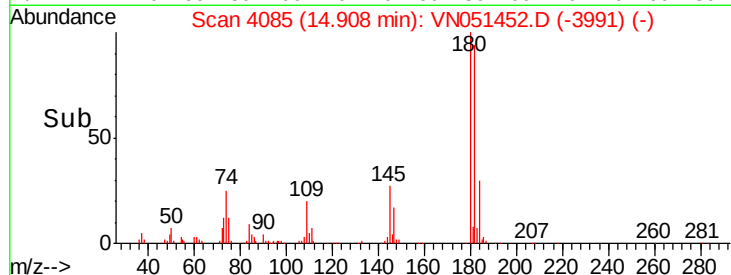
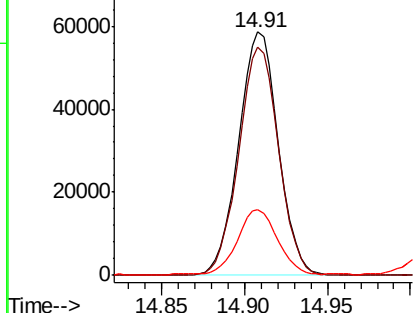
#93
 1,2,4-Trichlorobenzene
 Concen: 20.250 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN051452.D
 Acq: 24 Sep 2018 11:27

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0924MBSD01

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.3	48.5	145.6
145	26.6	14.1	42.4

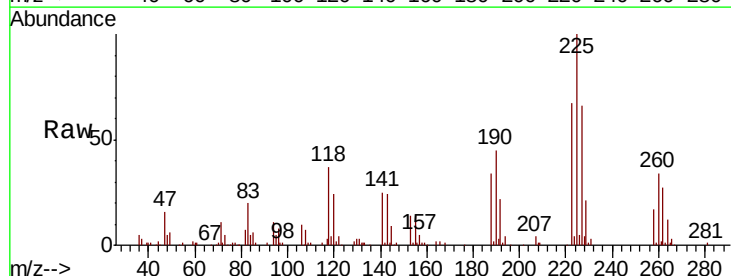


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

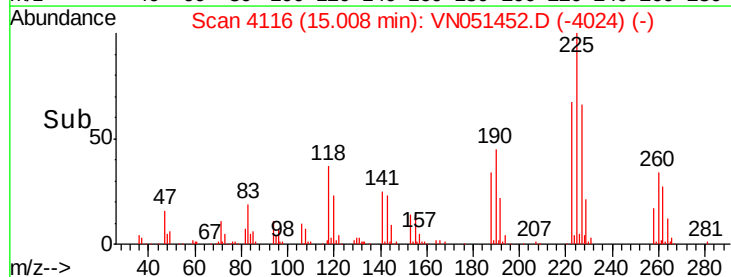
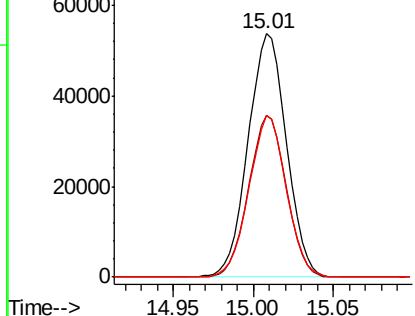


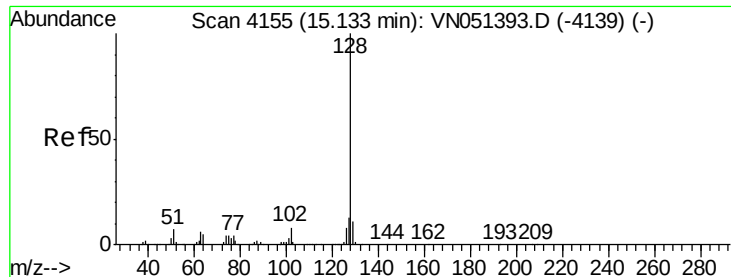
#94
 Hexachlorobutadiene
 Concen: 20.983 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. -0.00 min
 Lab File: VN051452.D
 Acq: 24 Sep 2018 11:27

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.9	31.9	95.9
227	64.5	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

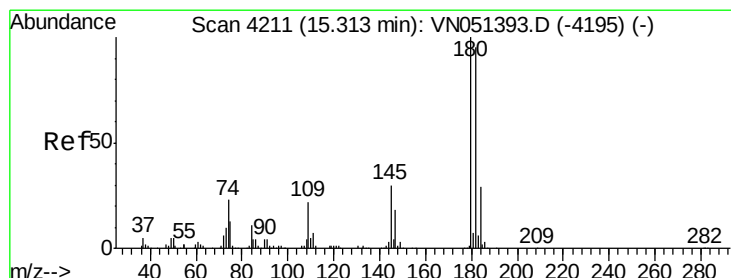
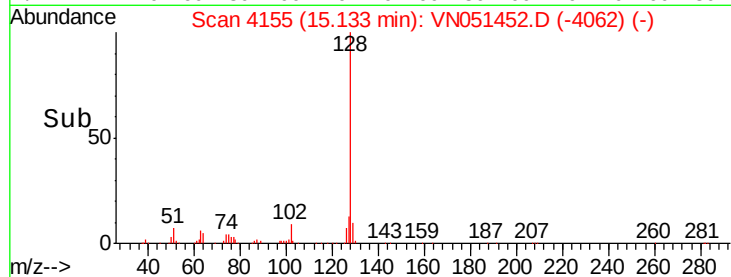
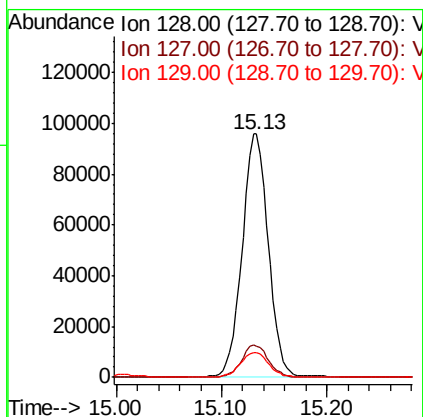
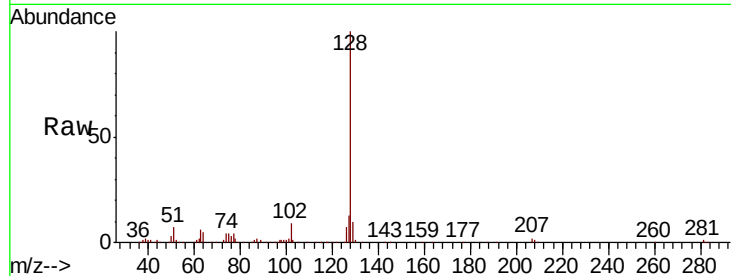




#95
Naphthalene
Concen: 20.102 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. 0.00 min
Lab File: VN051452.D
Acq: 24 Sep 2018 11:27

Instrument :
MSVOA_N
ClientSampleId :
VN0924MBSD01

Tot Ion:128 Resp: 165523
Ion Ratio Lower Upper
128 100
127 13.6 10.5 15.7
129 11.4 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 18.875 ug/l
RT: 15.31 min Scan# 4211
Delta R.T. 0.00 min
Lab File: VN051452.D
Acq: 24 Sep 2018 11:27

Tgt Ion:180 Resp: 100642
Ion Ratio Lower Upper
180 100
182 97.8 47.2 141.6
145 31.5 14.6 43.8

