

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091818\
 Data File : VN051285.D
 Acq On : 18 Sep 2018 8:06
 Operator : MD\SY
 Sample : VSTDCCC020
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Sep 18 14:18:08 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N082818W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Aug 29 01:38:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.19	128	94673	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.58	114	507686	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	439578	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	8.03	65	170855	28.28	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	94.27%
60) 4-Bromofluorobenzene	12.40	95	185251	28.34	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	94.47%
63) Toluene-d8	10.09	98	637214	31.09	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	103.63%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.85	85	89695	15.256	ug/l 99
3) Chloromethane	2.06	50	114892	16.549	ug/l 100
4) Vinyl Chloride	2.18	62	115944	16.902	ug/l 99
5) Bromomethane	2.57	94	64115	15.334	ug/l 97
6) Chloroethane	2.71	64	70453	17.413	ug/l 97
7) Trichlorofluoromethane	3.02	101	156845	17.247	ug/l 99
8) Diethyl Ether	3.41	74	48436	15.107	ug/l 95
9) 1,1,2-Trichlorotrifluoroet	3.76	101	101149	17.961	ug/l 98
10) 1,1-Dichloroethene	3.74	96	87562	17.117	ug/l 97
11) Methyl Iodide	3.95	142	80073	16.776	ug/l 99
12) Methyl Acetate	4.33	43	63103	10.668	ug/l 100
13) Acrolein	3.61	56	33301	254.236	ug/l 94
14) Acrylonitrile	4.99	53	127344	63.672	ug/l 99
15) Acetone	3.82	58	40716	79.557	ug/l 88
16) Carbon Disulfide	4.05	76	270876	17.611	ug/l 100
17) Allyl chloride	4.32	41	126141	15.671	ug/l 97
18) Methylene Chloride	4.55	84	102470	17.066	ug/l 97
19) trans-1,2-Dichloroethene	5.04	96	93075	17.077	ug/l 98
20) Diisopropyl ether	5.95	45	264455	15.828	ug/l 95
21) 1,1-Dichloroethane	5.85	63	171263	16.718	ug/l 98
22) cis-1,2-Dichloroethene	6.83	96	103148	16.754	ug/l 99
23) tert-Butyl Alcohol	4.79	59	22021	51.773	ug/l # 100
24) Methyl tert-Butyl Ether	5.05	73	204560	14.620	ug/l 99
25) Chloroform	7.37	83	176430	17.255	ug/l 98
26) Cyclohexane	7.65	56	137546	16.206	ug/l # 97
29) 1,1-Dichloropropene	7.79	75	131598	17.314	ug/l 98
30) 2-Butanone	6.84	43	142450	60.924	ug/l 100
31) 2,2-Dichloropropane	6.82	77	141550	19.140	ug/l 98
32) 1,1,1-Trichloroethane	7.57	97	151506	17.578	ug/l 98
33) Carbon Tetrachloride	7.77	117	138927	17.899	ug/l 96
34) Benzene	8.04	78	400222	17.021	ug/l 98
35) Methacrylonitrile	7.17	41	32113	12.536	ug/l 93
36) 1,2-Dichloroethane	8.12	62	118969	16.730	ug/l 100
37) Trichloroethene	8.83	130	110262	17.942	ug/l 100
38) Methylcyclohexane	9.08	83	139770	17.122	ug/l 97
39) 1,2-Dichloropropane	9.12	63	103250	16.813	ug/l 98
40) Dibromomethane	9.21	93	59221	16.009	ug/l 97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	9.40	83	132681	17.015	ug/l	98
42) Vinyl Acetate	5.90	43	792230	73.560	ug/l	99
43) Ethyl Acetate	6.93	43	61024	12.740	ug/l	96
44) Isopropyl Acetate	8.17	43	113181	13.391	ug/l	99
45) 1,4-Dioxane	9.20	88	15556	247.763	ug/l	95
46) Methyl methacrylate	9.20	41	52382	12.374	ug/l	96
47) n-amyl Acetate	12.07	43	69940	10.292	ug/l	98
48) t-1,3-Dichloropropene	10.38	75	120318	15.740	ug/l	100
49) cis-1,3-Dichloropropene	9.84	75	146829	16.722	ug/l	99
50) 1,1,2-Trichloroethane	10.56	97	86818	16.153	ug/l	99
51) Ethyl methacrylate	10.43	69	87210	13.261	ug/l	98
52) 1,3-Dichloropropane	10.71	76	136427	15.324	ug/l	98
53) Dibromochloromethane	10.90	129	101008	16.527	ug/l	98
54) 1,2-Dibromoethane	11.00	107	80805	15.204	ug/l	99
55) 2-Chloroethyl vinyl ether	9.70	63	201582	73.670	ug/l	98
56) Bromoform	12.12	173	65922	15.166	ug/l	99
58) 4-Methyl-2-Pentanone	9.98	43	294805	58.616	ug/l	98
59) 2-Hexanone	10.75	43	182168	55.413	ug/l	99
61) Tetrachloroethene	10.63	164	99688	18.199	ug/l	95
62) Toluene	10.15	91	426378	17.386	ug/l	99
64) Chlorobenzene	11.43	112	258387	17.000	ug/l	100
65) 1,1,1,2-Tetrachloroethane	11.51	131	103481	18.032	ug/l	99
66) Ethyl Benzene	11.51	91	417239	16.425	ug/l	100
67) m/p-Xylenes	11.62	106	339957	34.783	ug/l	98
68) o-Xylene	11.95	106	158963	17.022	ug/l	98
69) Styrene	11.96	104	247445	16.665	ug/l	98
70) Isopropylbenzene	12.25	105	423176	17.053	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.50	83	95749	14.251	ug/l	99
72) 1,2,3-Trichloropropane	12.55	75	108794	18.768	ug/l	88
73) Bromobenzene	12.53	156	106725	16.346	ug/l	95
74) n-propylbenzene	12.59	91	451272	16.085	ug/l	98
75) 2-Chlorotoluene	12.67	91	285834	16.770	ug/l	100
76) 1,3,5-Trimethylbenzene	12.73	105	344356	16.981	ug/l	98
77) t-1,4-Dichloro-2-butene	12.30	75	19921	12.063	ug/l	97
78) 4-Chlorotoluene	12.77	91	266359	15.871	ug/l	97
79) tert-butylbenzene	12.99	119	300481	17.061	ug/l	98
80) 1,2,4-Trimethylbenzene	13.04	105	334997	16.569	ug/l	99
81) sec-Butylbenzene	13.17	105	387734	16.826	ug/l	99
82) p-Isopropyltoluene	13.29	119	332116	16.697	ug/l	99
83) 1,3-Dichlorobenzene	13.28	146	170936	15.485	ug/l	98
84) 1,4-Dichlorobenzene	13.36	146	153985	14.722	ug/l	99
85) n-Butylbenzene	13.61	91	215011	14.167	ug/l	99
86) Hexachloroethane	13.87	117	67746	17.745	ug/l	95
87) 1,2-Dichlorobenzene	13.65	146	169362	15.587	ug/l	100
88) 1,2-Dibromo-3-Chloropropan	14.27	75	10905	11.601	ug/l	91
89) 1,2,4-Trichlorobenzene	14.91	180	46306	9.573	ug/l	99
90) Hexachlorobutadiene	15.01	225	65827	20.030	ug/l	96
91) Naphthalene	15.13	128	76469	13.635	ug/l	99
92) 1,2,3-Trichlorobenzene	15.31	180	53304	10.982	ug/l	98

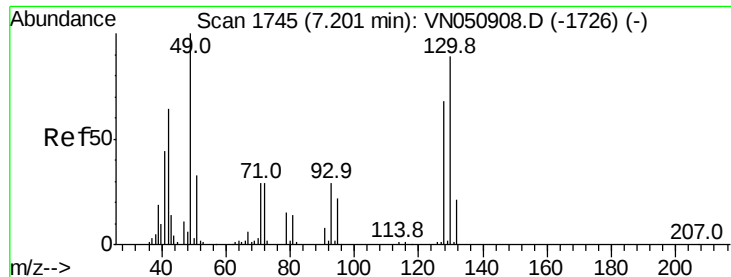
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091818\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 7.19 min Scan# 1686

Delta R.T. -0.01 min

Lab File: VN051285.D

Acq: 18 Sep 2018 8:06

Instrument :

MSVOA_N

ClientSampleId :

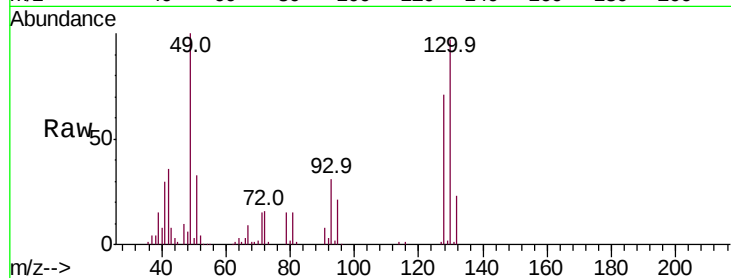
Tot Ion:128 Resp: 94673

Ion Ratio Lower Upper

128 100

49 140.6 0.0 380.3

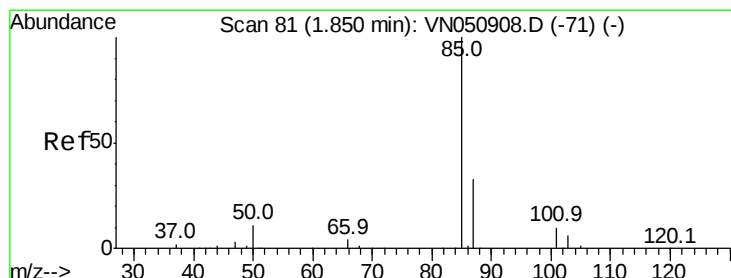
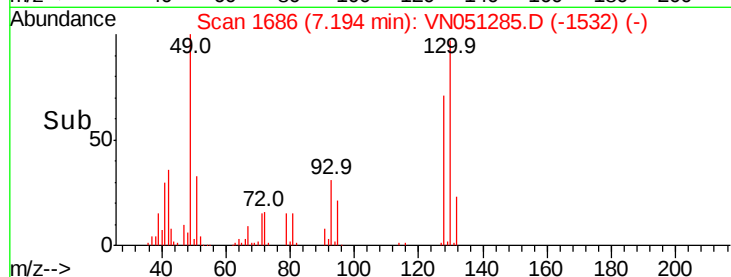
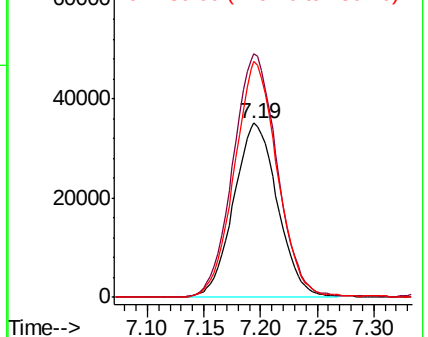
130 131.6 0.0 325.3



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VN0

Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 15.256 ug/l

RT: 1.85 min Scan# 24

Delta R.T. 0.00 min

Lab File: VN051285.D

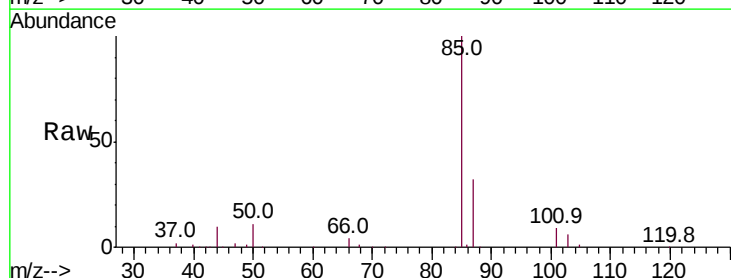
Acq: 18 Sep 2018 8:06

Tgt Ion: 85 Resp: 89695

Ion Ratio Lower Upper

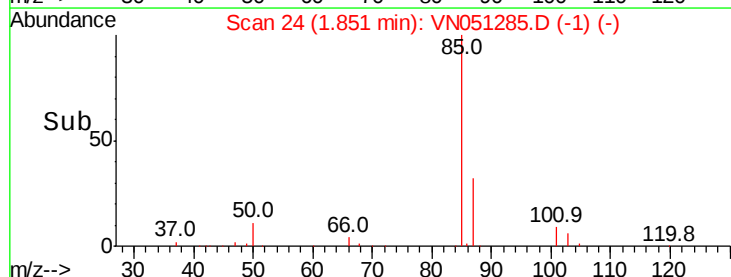
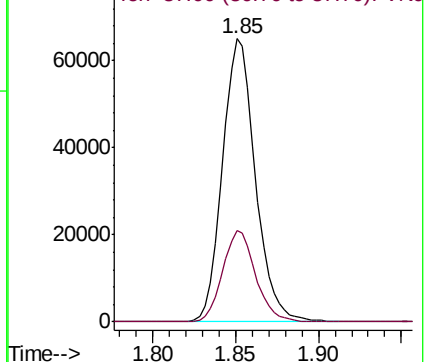
85 100

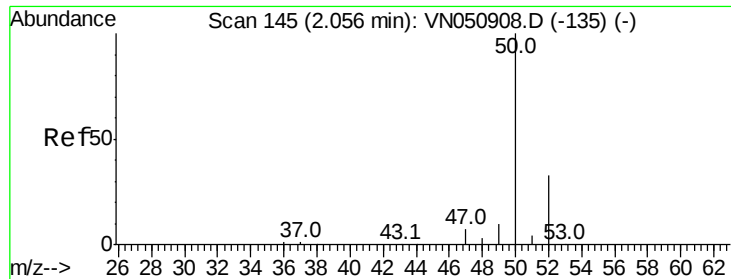
87 32.3 16.4 49.1



Abundance Ion 85.00 (84.70 to 85.70): VN0

Ion 87.00 (86.70 to 87.70): VN0

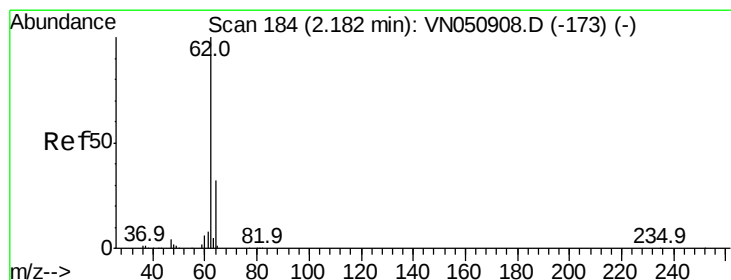
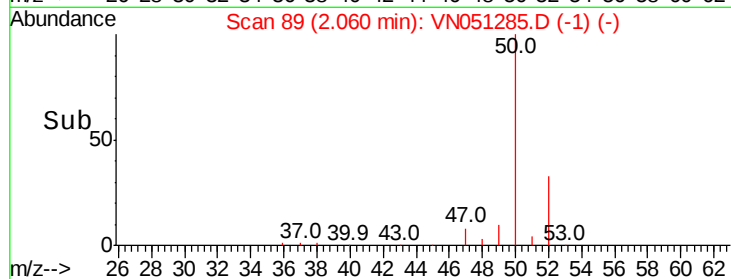
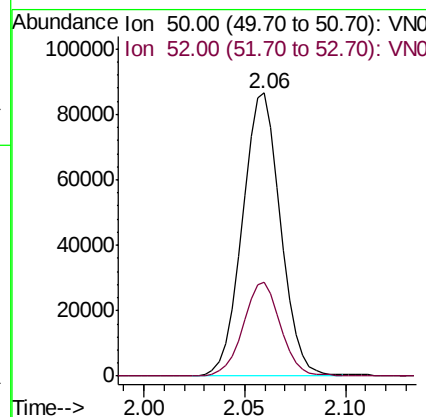
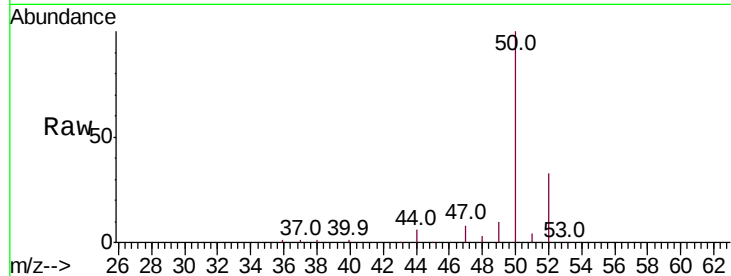




#3
Chloromethane
Concen: 16.549 ug/l
RT: 2.06 min Scan# 89
Delta R.T. 0.00 min
Lab File: VN051285.D
Acq: 18 Sep 2018 8:06

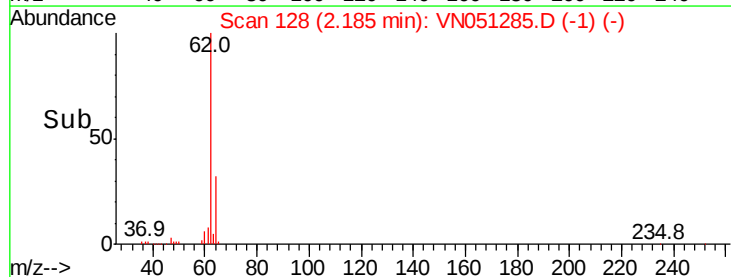
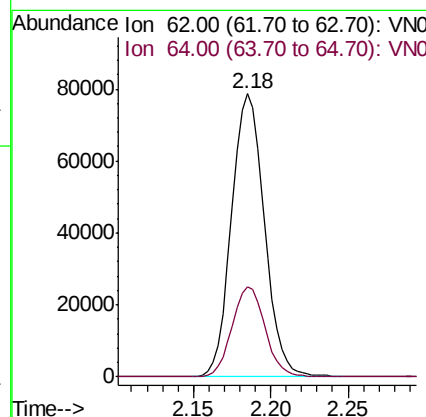
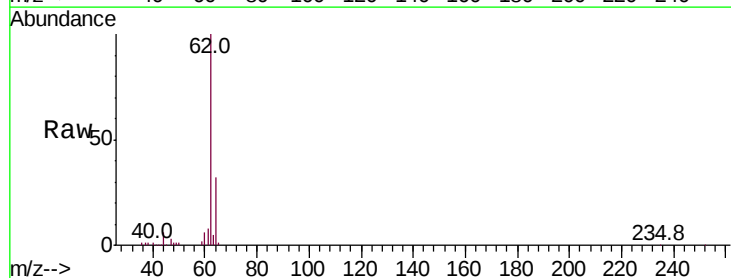
Instrument :
MSVOA_N
ClientSampled :

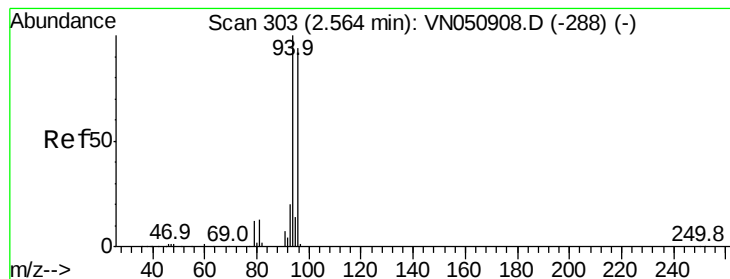
Tot Ion: 50 Resp: 114892
Ion Ratio Lower Upper
50 100
52 33.0 26.2 39.4



#4
Vinyl Chloride
Concen: 16.902 ug/l
RT: 2.18 min Scan# 128
Delta R.T. 0.00 min
Lab File: VN051285.D
Acq: 18 Sep 2018 8:06

Tgt Ion: 62 Resp: 115944
Ion Ratio Lower Upper
62 100
64 32.0 25.4 38.0





#5

Bromomethane

Concen: 15.334 ug/l

RT: 2.57 min Scan# 248

Delta R.T. 0.01 min

Lab File: VN051285.D

Acq: 18 Sep 2018 8:06

Instrument :

MSVOA_N

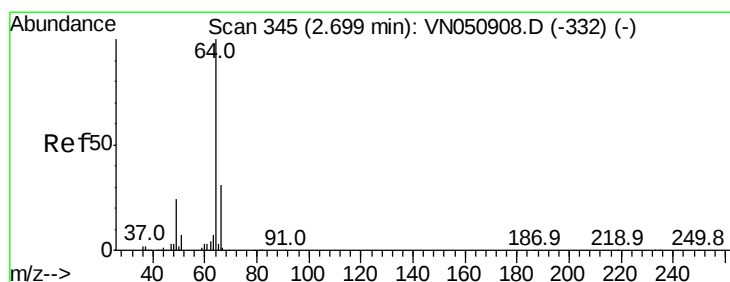
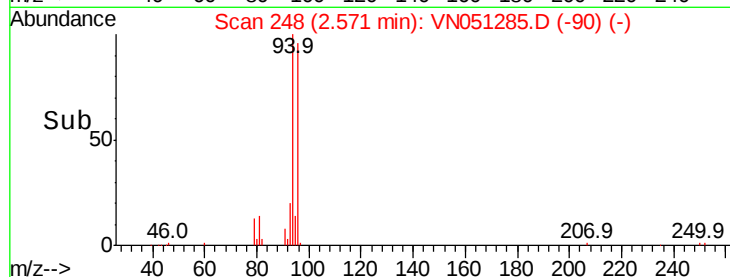
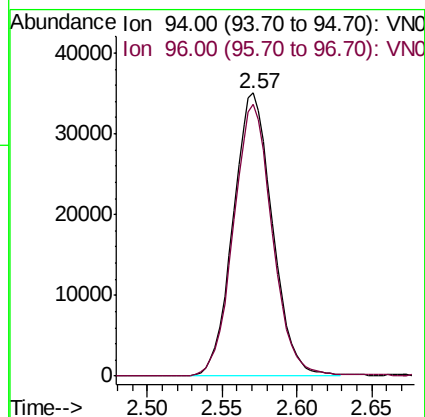
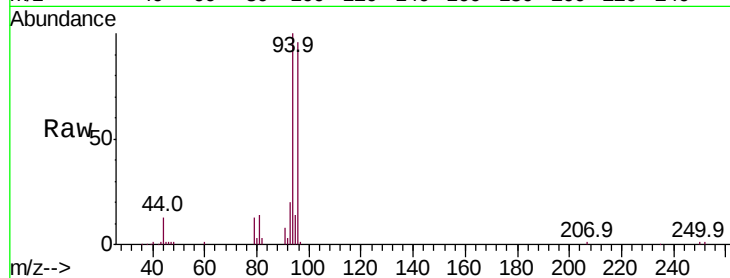
ClientSampled :

Tot Ion: 94 Resp: 64115

Ion Ratio Lower Upper

94 100

96 96.2 74.9 112.3



#6

Chloroethane

Concen: 17.413 ug/l

RT: 2.71 min Scan# 290

Delta R.T. 0.01 min

Lab File: VN051285.D

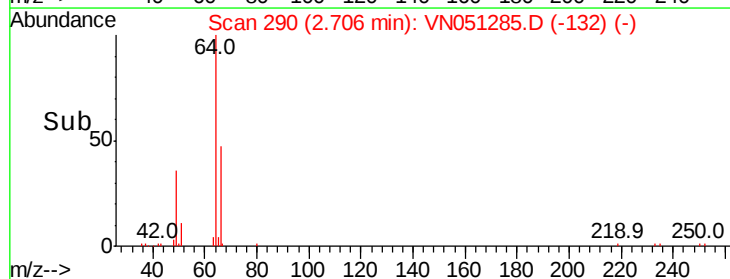
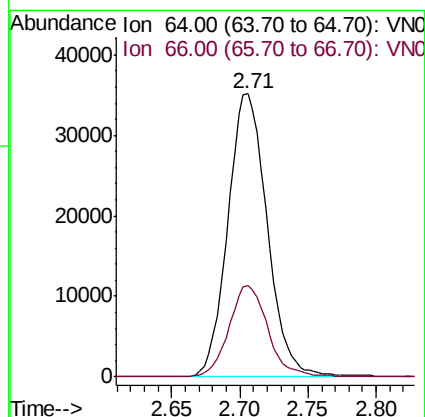
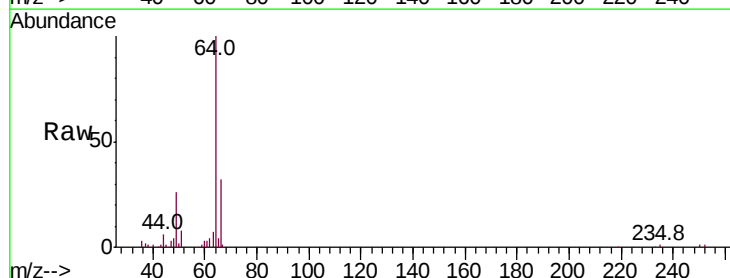
Acq: 18 Sep 2018 8:06

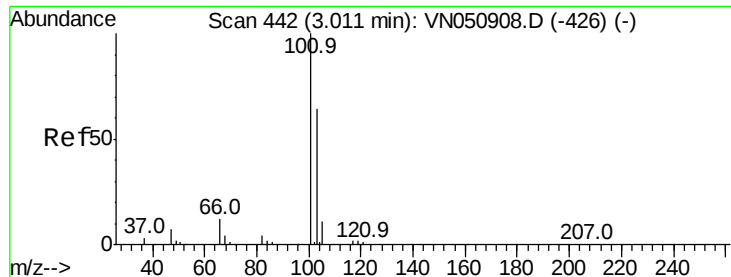
Tgt Ion: 64 Resp: 70453

Ion Ratio Lower Upper

64 100

66 32.4 24.5 36.7



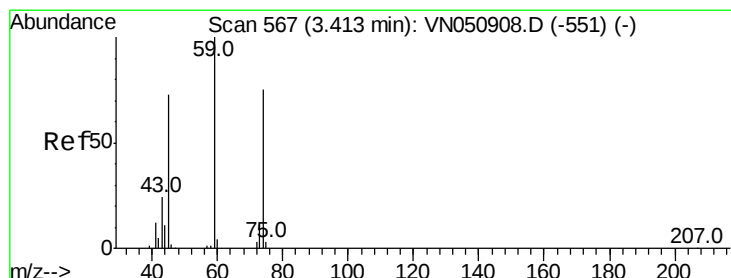
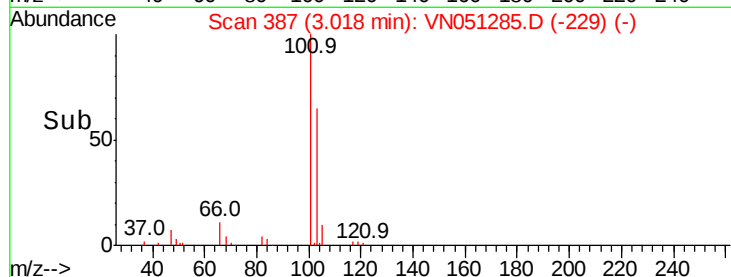
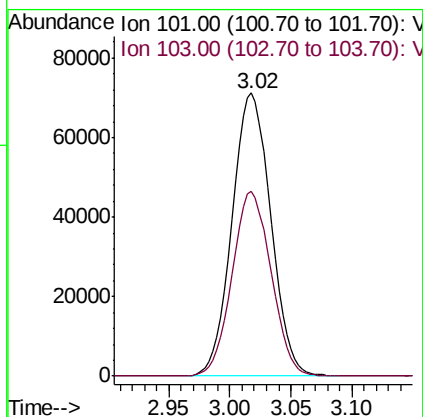
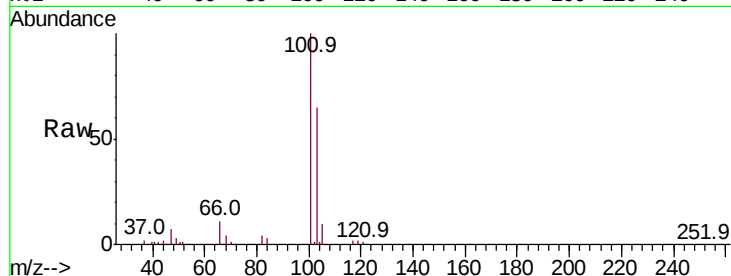


#7

Trichlorofluoromethane
Concen: 17.247 ug/l
RT: 3.02 min Scan# 387
Delta R.T. 0.01 min
Lab File: VN051285.D
Acq: 18 Sep 2018 8:06

Instrument :
MSVOA_N
ClientSampled :

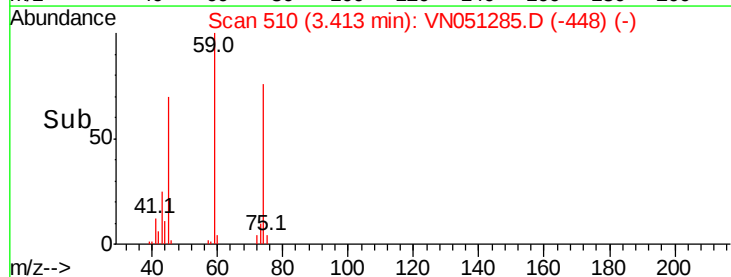
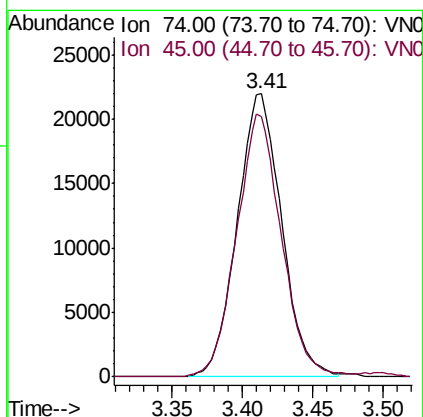
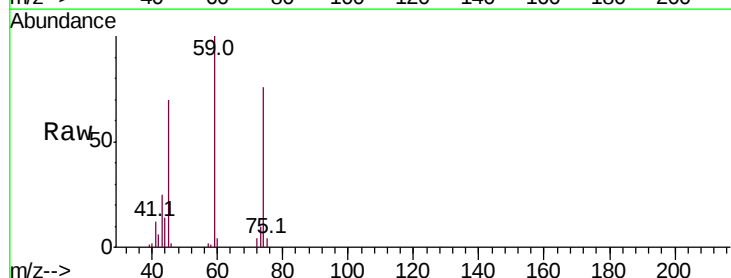
Tot Ion:101 Resp: 156845
Ion Ratio Lower Upper
101 100
103 65.2 51.3 76.9

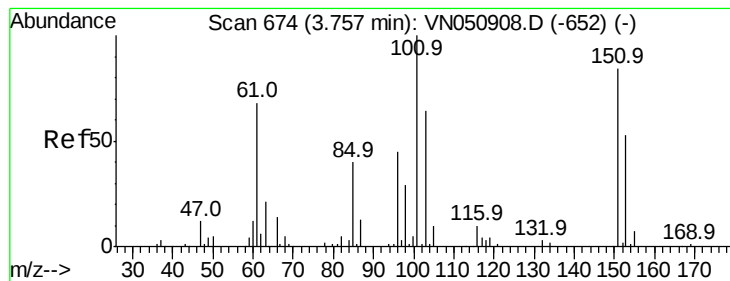


#8

Diethyl Ether
Concen: 15.107 ug/l
RT: 3.41 min Scan# 510
Delta R.T. 0.00 min
Lab File: VN051285.D
Acq: 18 Sep 2018 8:06

Tgt Ion: 74 Resp: 48436
Ion Ratio Lower Upper
74 100
45 93.6 19.7 177.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.961 ug/l

RT: 3.76 min Scan# 617

Delta R.T. 0.00 min

Lab File: VN051285.D

Acq: 18 Sep 2018 8:06

Instrument :

MSVOA_N

ClientSampled :

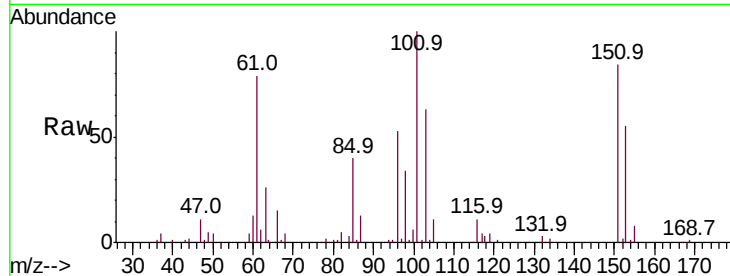
Tot Ion:101 Resp: 101149

Ion Ratio Lower Upper

101 100

85 40.7 0.0 83.6

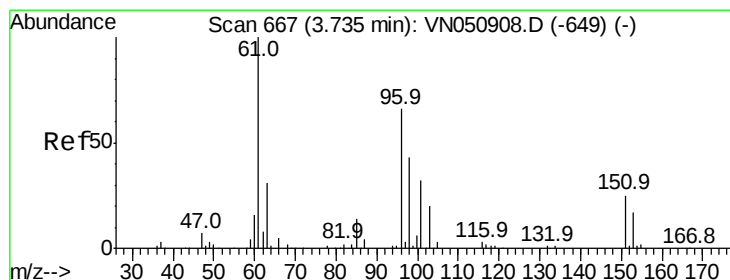
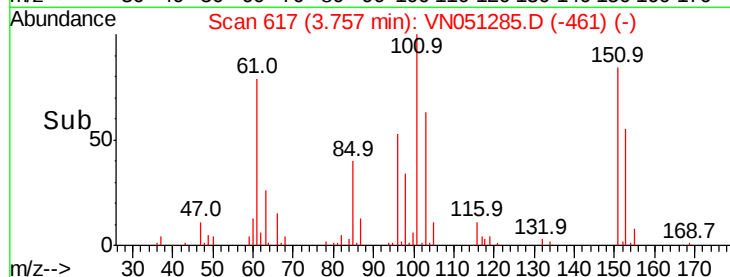
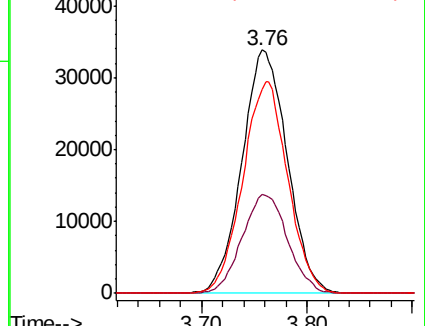
151 86.0 0.0 167.0



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VN0

Ion 151.00 (150.70 to 151.70): V



#10

1,1-Dichloroethene

Concen: 17.117 ug/l

RT: 3.74 min Scan# 611

Delta R.T. 0.00 min

Lab File: VN051285.D

Acq: 18 Sep 2018 8:06

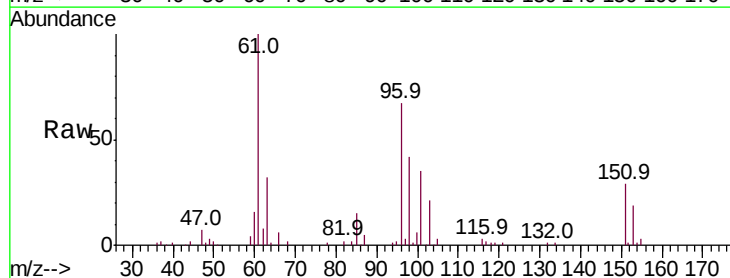
Tgt Ion: 96 Resp: 87562

Ion Ratio Lower Upper

96 100

61 147.9 121.8 182.8

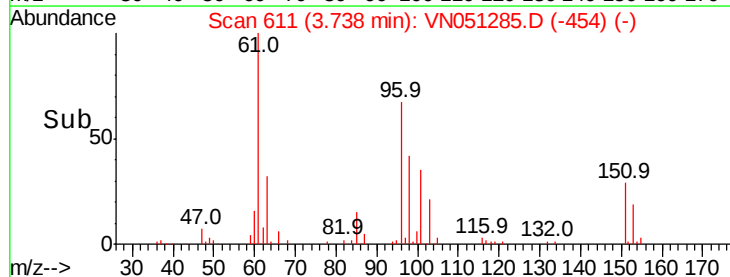
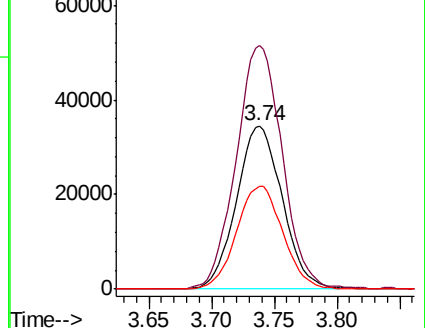
98 62.8 52.3 78.5

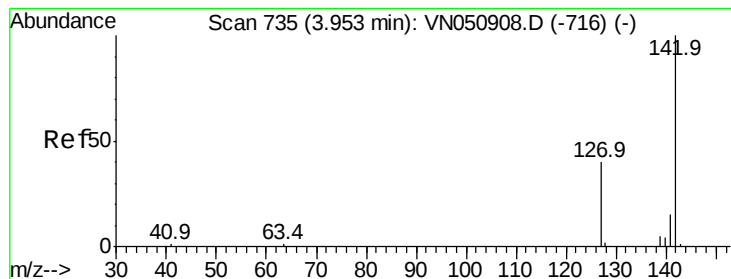


Abundance Ion 96.00 (95.70 to 96.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 98.00 (97.70 to 98.70): VN0

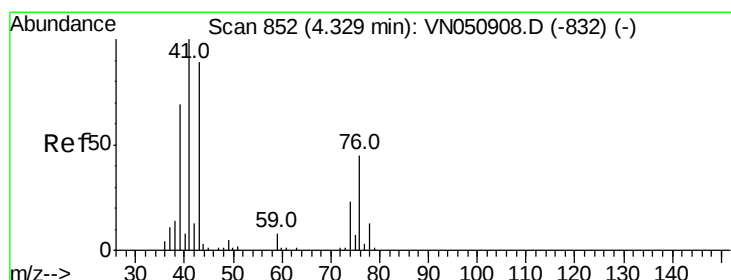
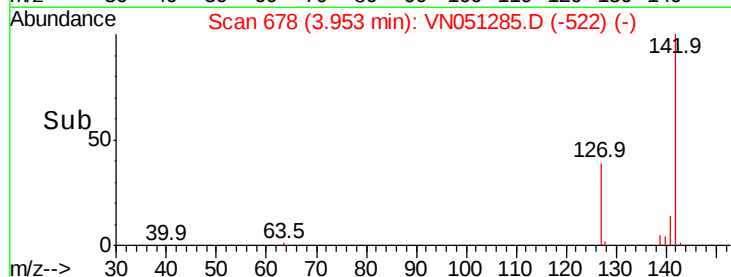
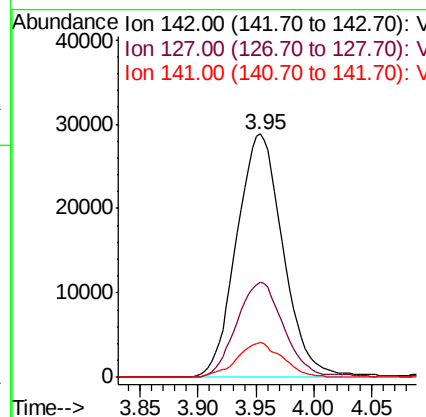
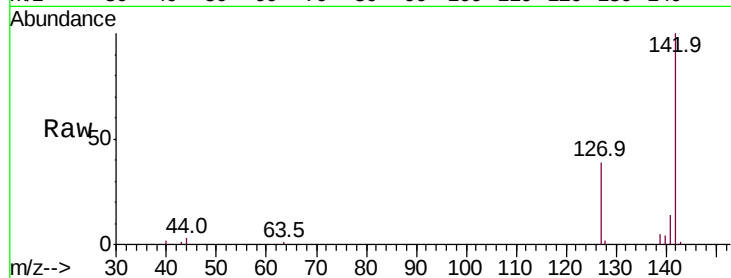




#11
Methvl Iodide
Concen: 16.776 ug/l
RT: 3.95 min Scan# 678
Delta R.T. 0.00 min
Lab File: VN051285.D
Acq: 18 Sep 2018 8:06

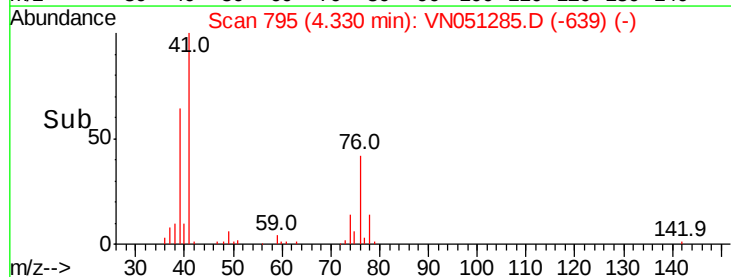
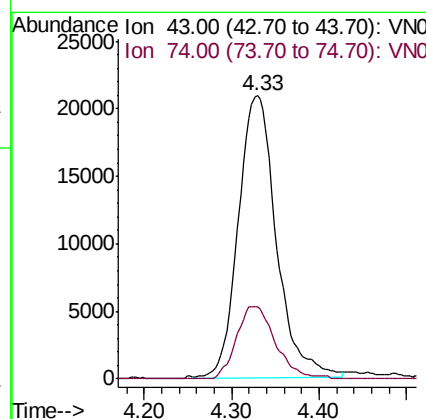
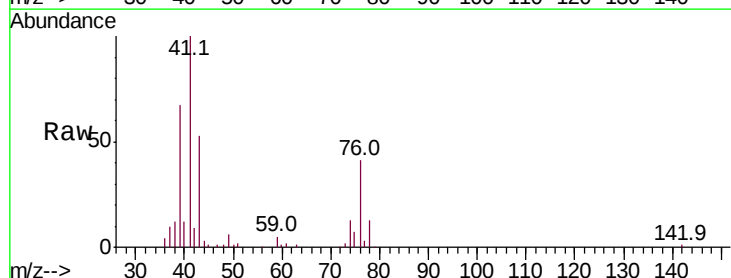
Instrument :
MSVOA_N
ClientSampled :

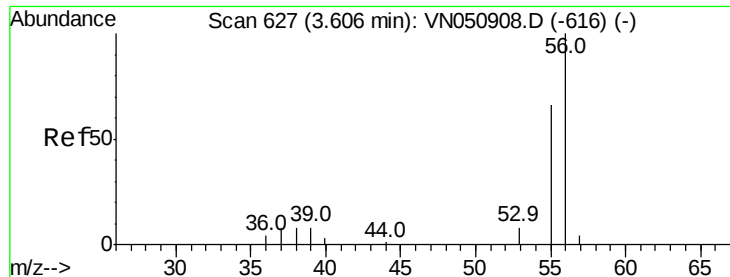
Tot Ion:142 Resp: 80073
Ion Ratio Lower Upper
142 100
127 38.8 19.7 59.1
141 14.4 7.3 22.0



#12
Methyl Acetate
Concen: 10.668 ug/l
RT: 4.33 min Scan# 795
Delta R.T. 0.00 min
Lab File: VN051285.D
Acq: 18 Sep 2018 8:06

Tgt Ion: 43 Resp: 63103
Ion Ratio Lower Upper
43 100
74 25.7 20.6 31.0





#13

Acrolein

Concen: 254.236 ug/l

RT: 3.61 min Scan# 571

Delta R.T. 0.00 min

Lab File: VN051285.D

Acq: 18 Sep 2018 8:06

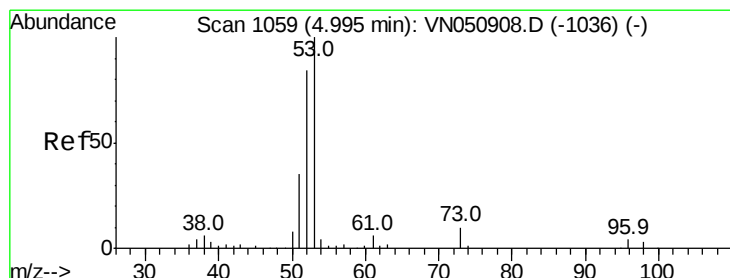
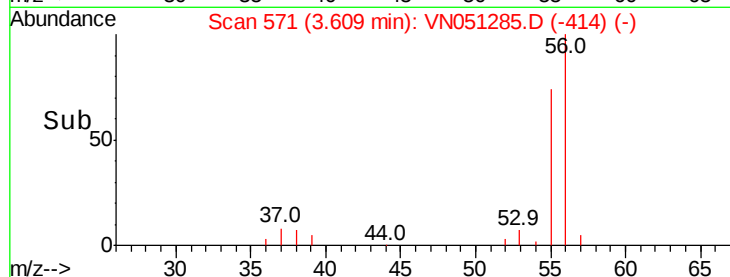
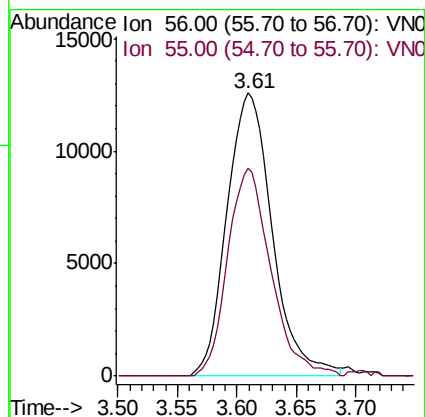
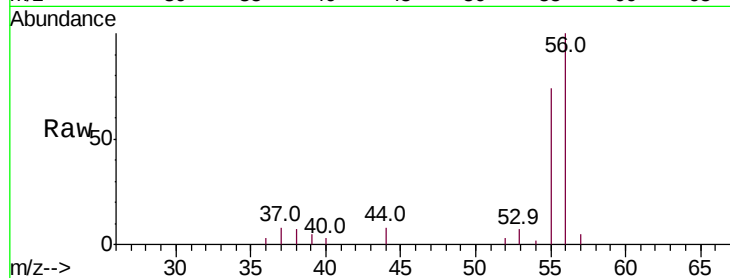
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 56 Resp: 33301

Ion Ratio Lower Upper

56 100

55 69.1 59.1 88.7



#14

Acrylonitrile

Concen: 63.672 ug/l

RT: 4.99 min Scan# 999

Delta R.T. -0.01 min

Lab File: VN051285.D

Acq: 18 Sep 2018 8:06

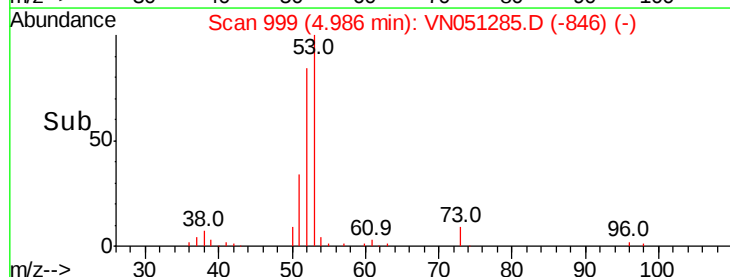
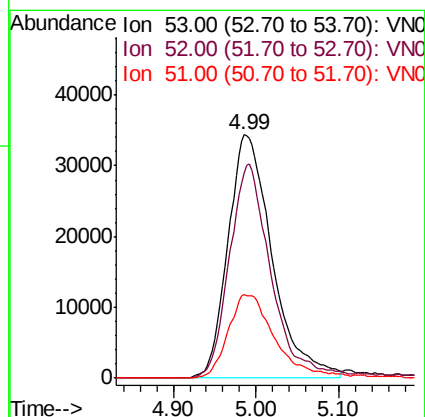
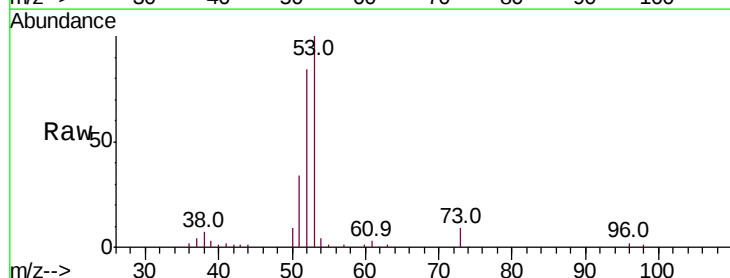
Tgt Ion: 53 Resp: 127344

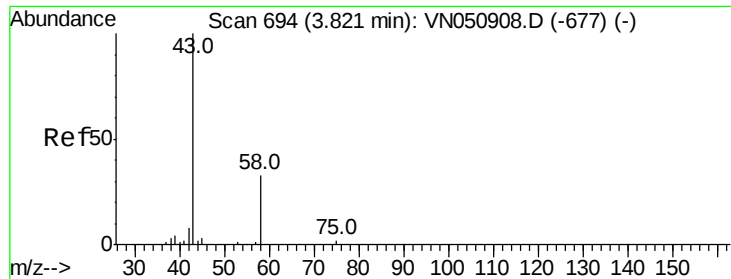
Ion Ratio Lower Upper

53 100

52 82.7 42.2 126.6

51 35.6 17.7 53.1

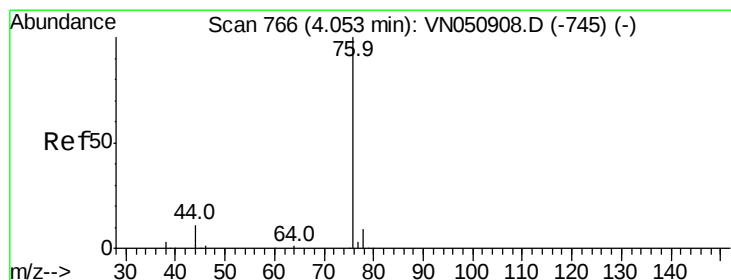
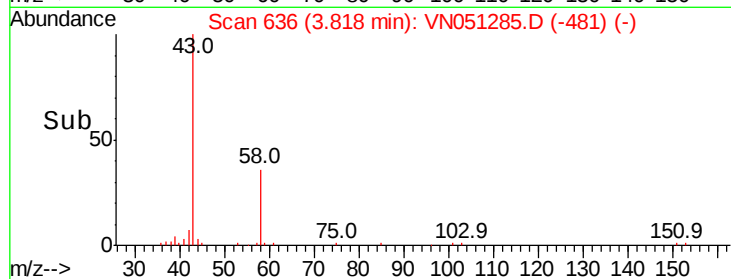
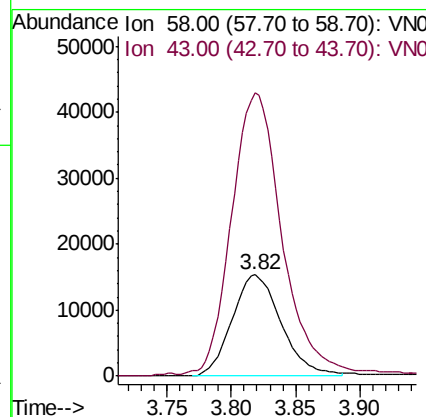
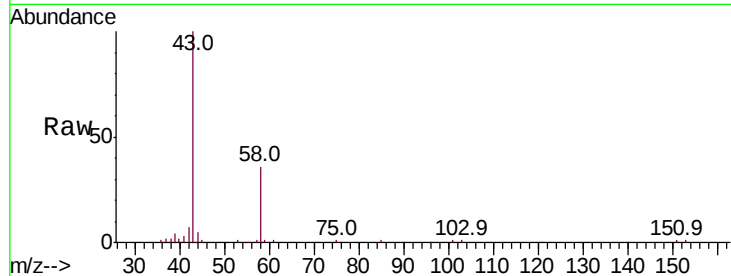




#15
Acetone
Concen: 79.557 ug/l
RT: 3.82 min Scan# 636
Delta R.T. -0.00 min
Lab File: VN051285.D
Acq: 18 Sep 2018 8:06

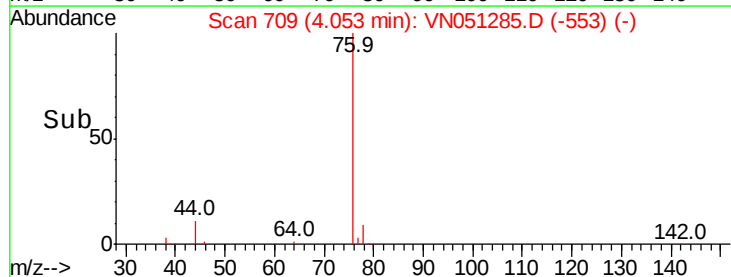
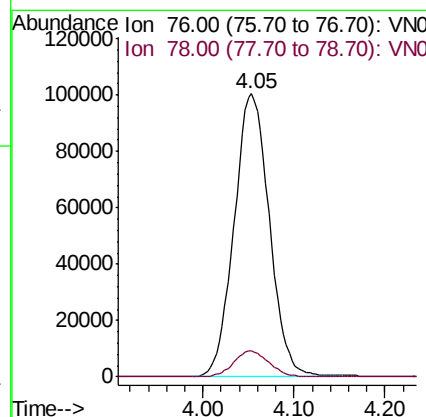
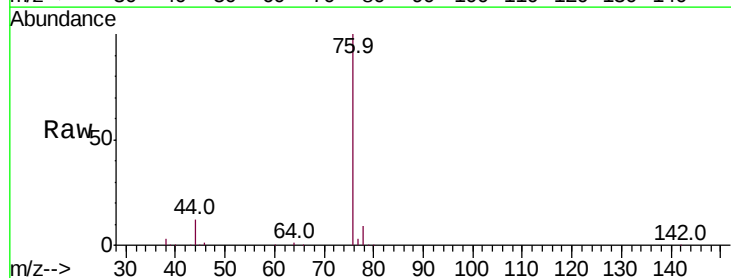
Instrument :
MSVOA_N
ClientSampled :

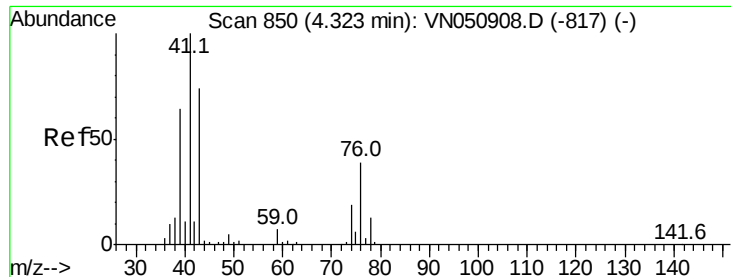
Tot Ion: 58 Resp: 40716
Ion Ratio Lower Upper
58 100
43 275.1 239.4 359.0



#16
Carbon Disulfide
Concen: 17.611 ug/l
RT: 4.05 min Scan# 709
Delta R.T. 0.00 min
Lab File: VN051285.D
Acq: 18 Sep 2018 8:06

Tgt Ion: 76 Resp: 270876
Ion Ratio Lower Upper
76 100
78 9.2 7.3 10.9

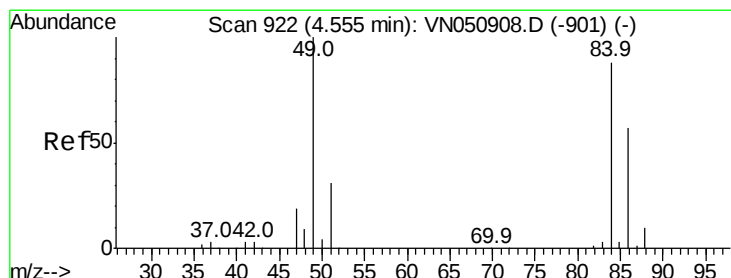
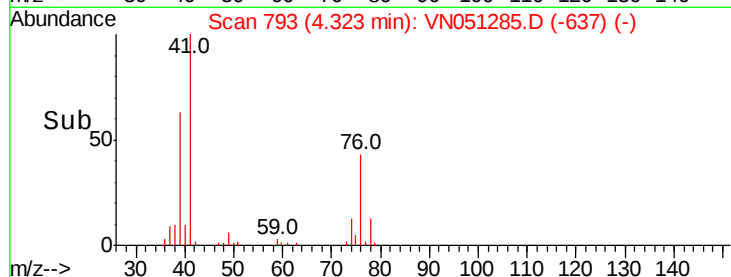
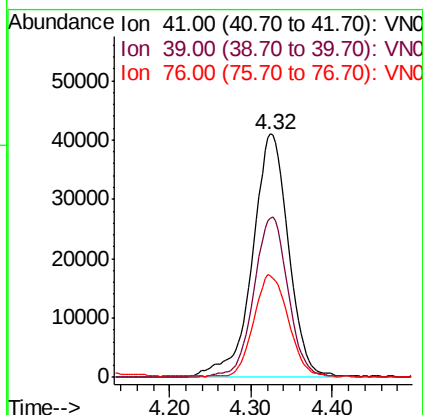
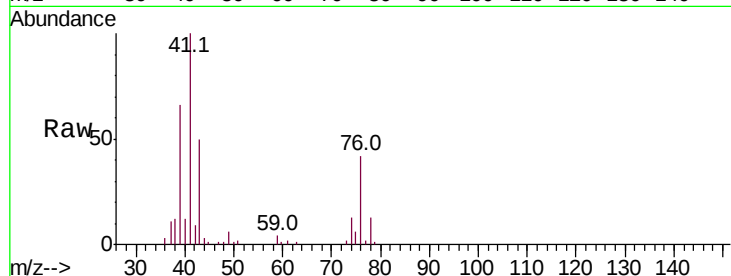




#17
Allvl chloride
Concen: 15.671 ug/l
RT: 4.32 min Scan# 793
Delta R.T. 0.00 min
Lab File: VN051285.D
Acq: 18 Sep 2018 8:06

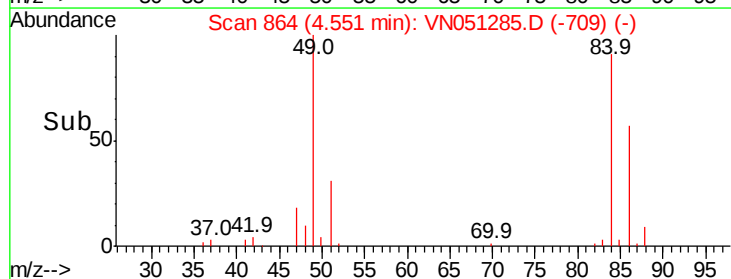
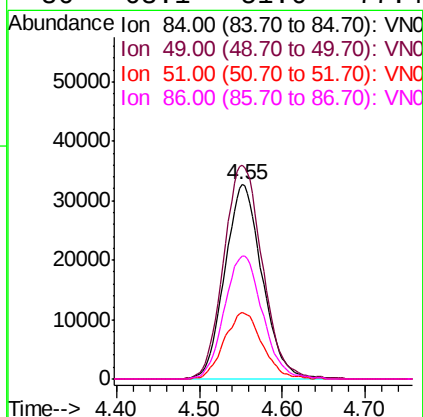
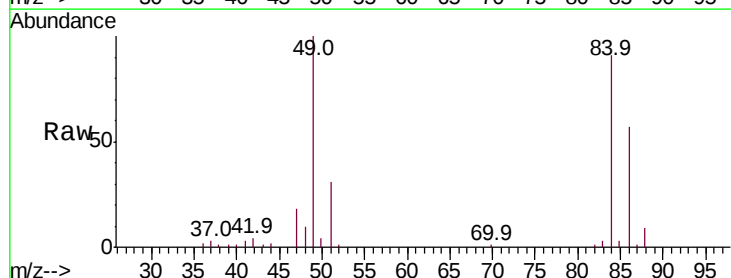
Instrument :
MSVOA_N
ClientSampled :

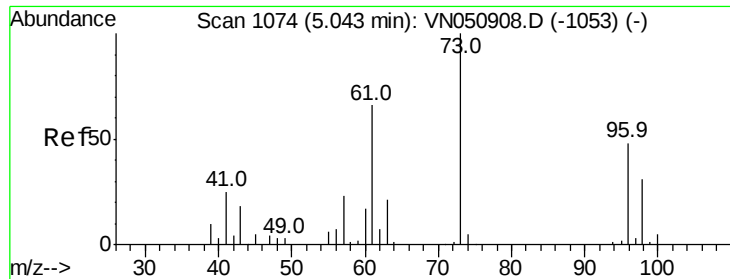
Tot Ion: 41 Resp: 126141
Ion Ratio Lower Upper
41 100
39 65.6 32.2 96.6
76 41.8 19.6 58.7



#18
Methylene Chloride
Concen: 17.066 ug/l
RT: 4.55 min Scan# 864
Delta R.T. -0.00 min
Lab File: VN051285.D
Acq: 18 Sep 2018 8:06

Tgt Ion: 84 Resp: 102470
Ion Ratio Lower Upper
84 100
49 109.3 90.6 135.8
51 34.4 28.4 42.6
86 63.1 51.6 77.4

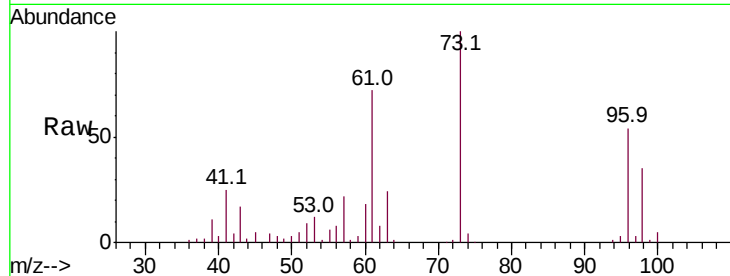




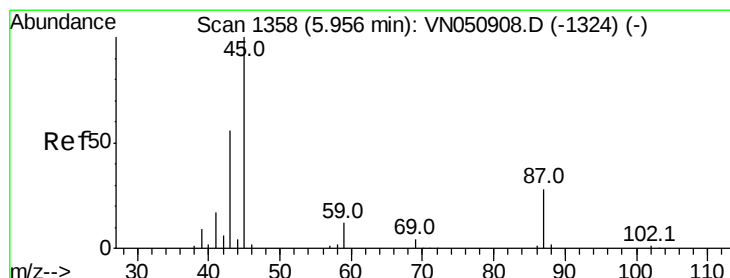
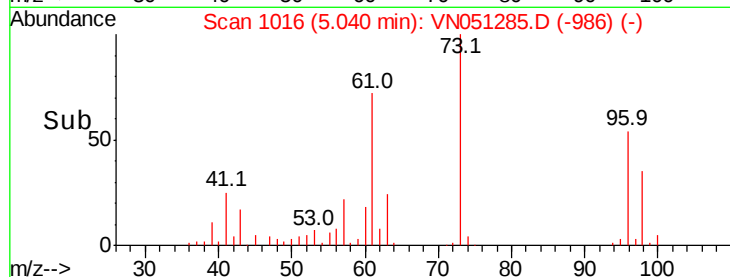
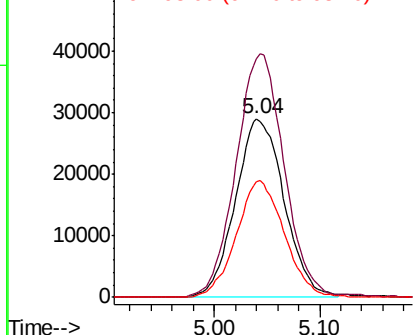
#19
trans-1,2-Dichloroethene
Concen: 17.077 ug/l
RT: 5.04 min Scan# 1016
Delta R.T. -0.00 min
Lab File: VN051285.D
Acq: 18 Sep 2018 8:06

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 96 Resp: 93075
Ion Ratio Lower Upper
96 100
61 132.8 109.5 164.3
98 64.8 51.9 77.9

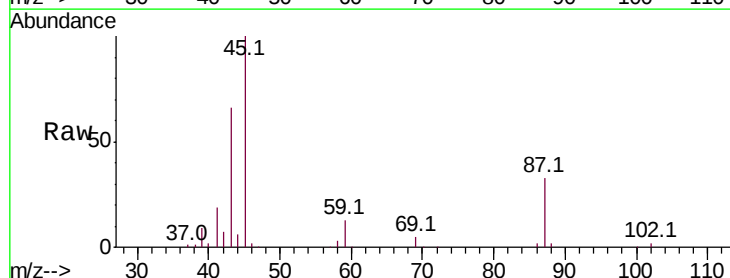


Abundance Ion 96.00 (95.70 to 96.70): VNO
Ion 61.00 (60.70 to 61.70): VNO
Ion 98.00 (97.70 to 98.70): VNO

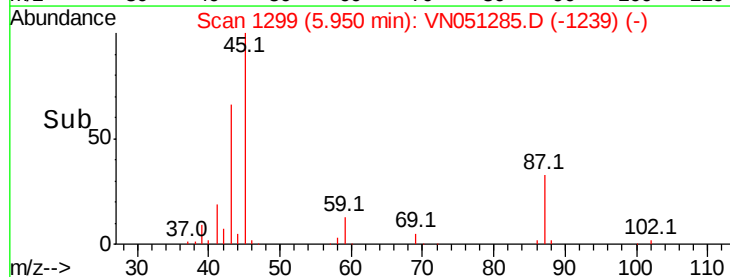
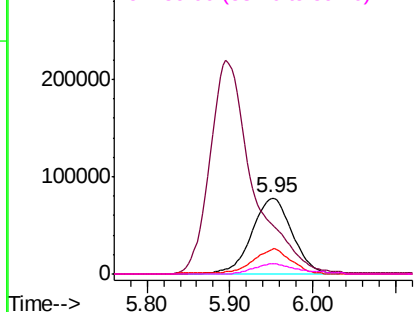


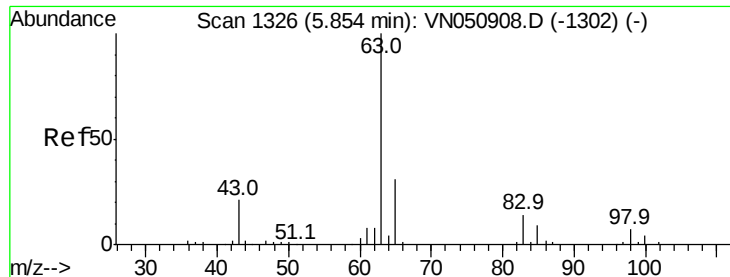
#20
Diisopropyl ether
Concen: 15.828 ug/l
RT: 5.95 min Scan# 1299
Delta R.T. -0.01 min
Lab File: VN051285.D
Acq: 18 Sep 2018 8:06

Tgt Ion: 45 Resp: 264455
Ion Ratio Lower Upper
45 100
43 62.6 47.0 70.6
87 32.3 22.8 34.2
59 12.8 9.5 14.3



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



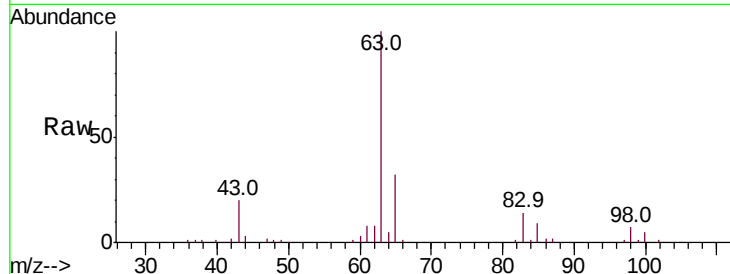


#21
 1,1-Dichloroethane
 Concen: 16.718 ug/l
 RT: 5.85 min Scan# 1268
 Delta R.T. -0.00 min
 Lab File: VN051285.D
 Acq: 18 Sep 2018 8:06

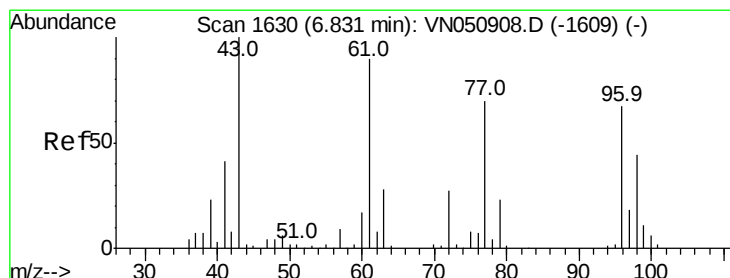
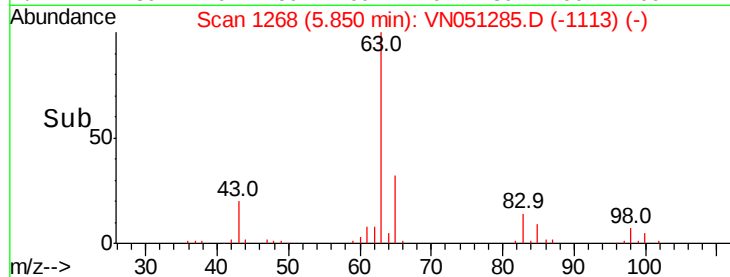
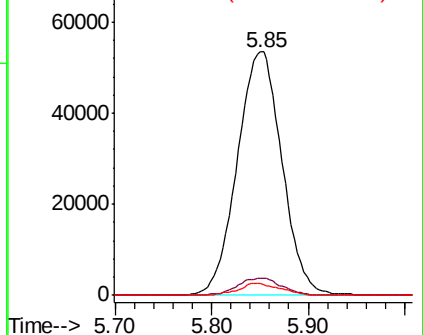
Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion: 63 Resp: 171263

Ion	Ratio	Lower	Upper
63	100		
98	7.2	3.3	9.9
100	4.8	2.0	6.0



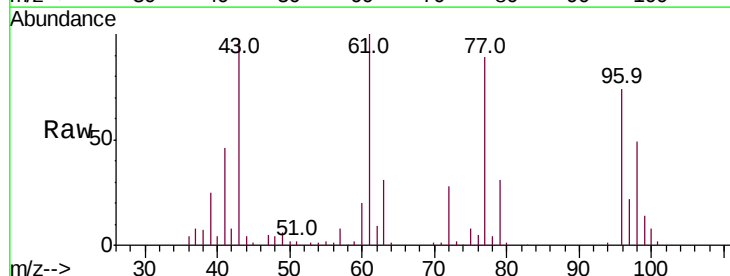
Abundance Ion 63.00 (62.70 to 63.70): VN0
 Ion 98.00 (97.70 to 98.70): VN0
 Ion 100.00 (99.70 to 100.70): VN0



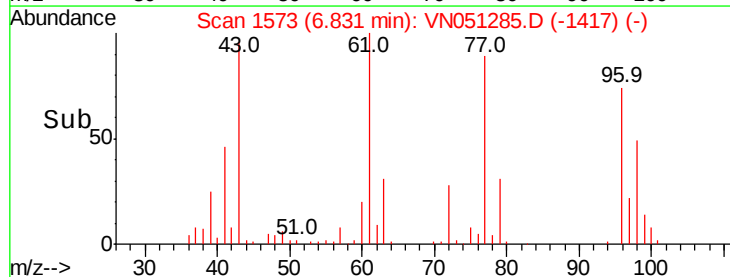
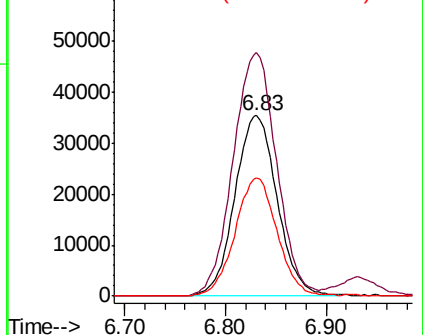
#22
 cis-1,2-Dichloroethene
 Concen: 16.754 ug/l
 RT: 6.83 min Scan# 1573
 Delta R.T. 0.00 min
 Lab File: VN051285.D
 Acq: 18 Sep 2018 8:06

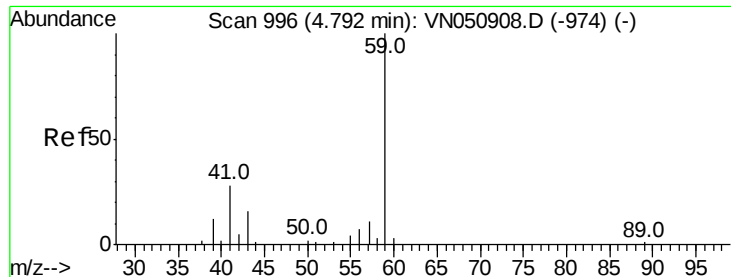
Tgt Ion: 96 Resp: 103148

Ion	Ratio	Lower	Upper
96	100		
61	138.3	110.0	165.0
98	65.3	51.7	77.5



Abundance Ion 96.00 (95.70 to 96.70): VN0
 Ion 61.00 (60.70 to 61.70): VN0
 Ion 98.00 (97.70 to 98.70): VN0



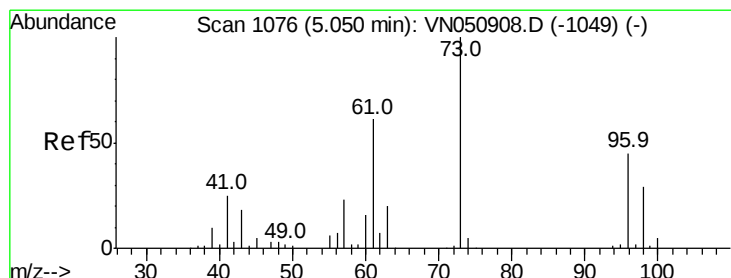
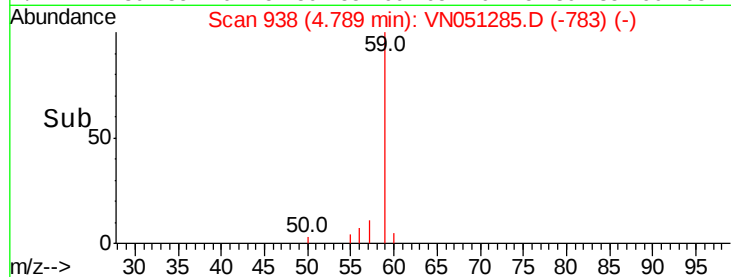
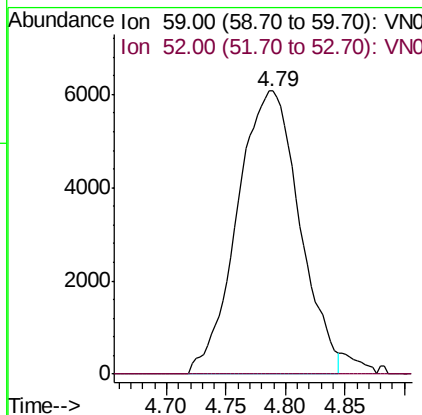
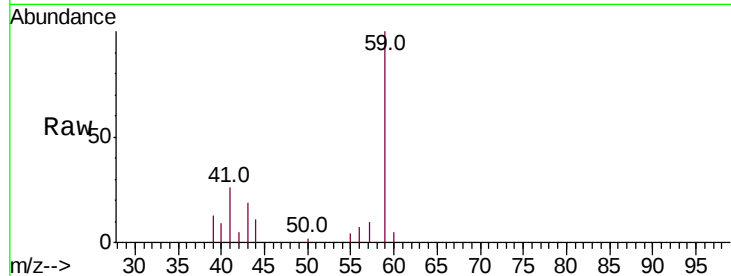


#23

tert-Butyl Alcohol
 Concen: 51.773 ug/l
 RT: 4.79 min Scan# 938
 Delta R.T. -0.00 min
 Lab File: VN051285.D
 Acq: 18 Sep 2018 8:06

Instrument :
 MSVOA_N
 ClientSampleId :

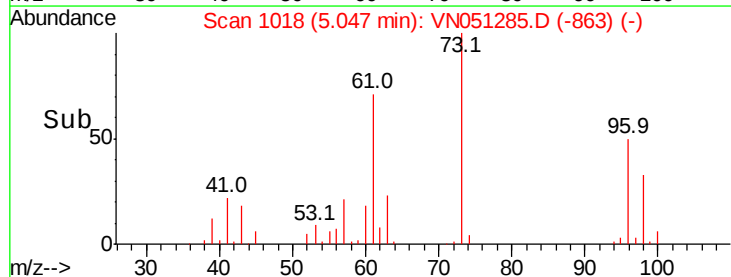
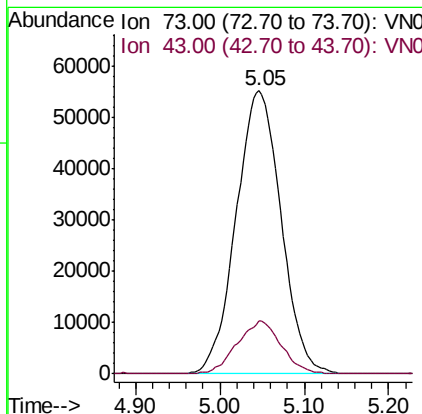
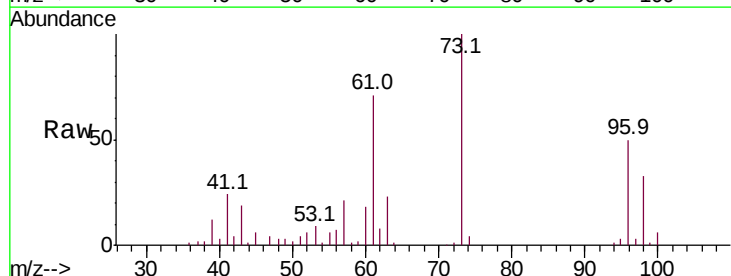
Tot Ion: 59 Resp: 22021
 Ion Ratio Lower Upper
 59 100
 52 0.0 0.1 0.1#

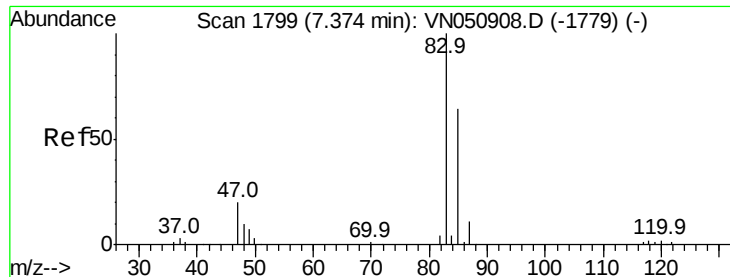


#24

Methyl tert-Butyl Ether
 Concen: 14.620 ug/l
 RT: 5.05 min Scan# 1018
 Delta R.T. -0.00 min
 Lab File: VN051285.D
 Acq: 18 Sep 2018 8:06

Tgt Ion: 73 Resp: 204560
 Ion Ratio Lower Upper
 73 100
 43 18.4 14.4 21.6

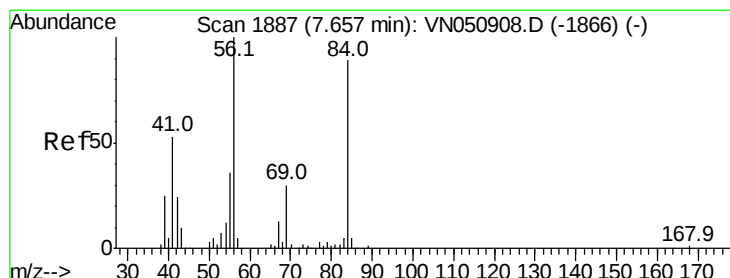
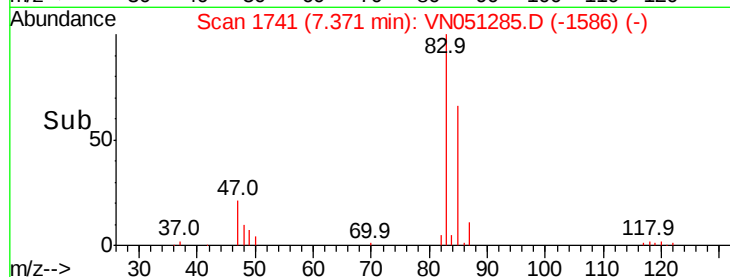
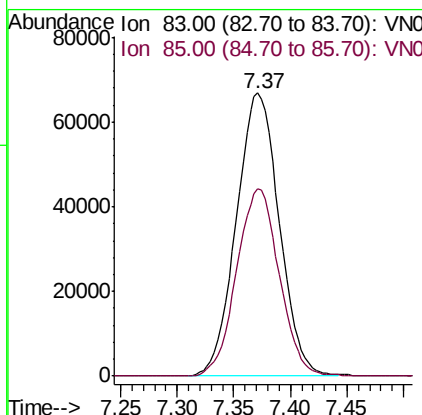
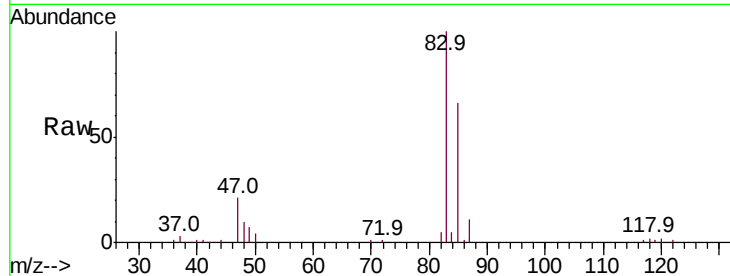




#25
Chloroform
Concen: 17.255 ug/l
RT: 7.37 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VN051285.D
Acq: 18 Sep 2018 8:06

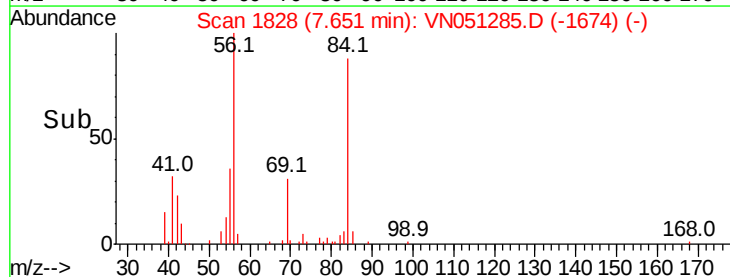
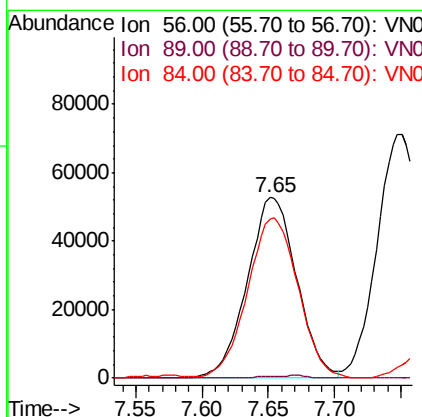
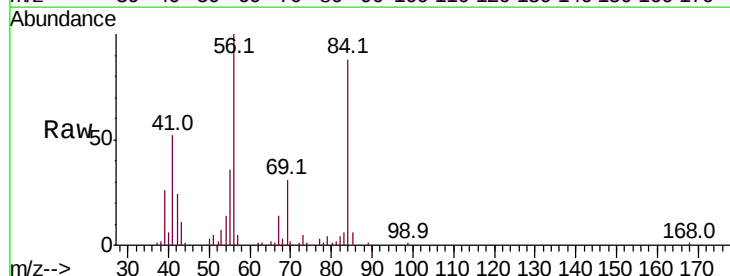
Instrument :
MSVOA_N
ClientSampleId :

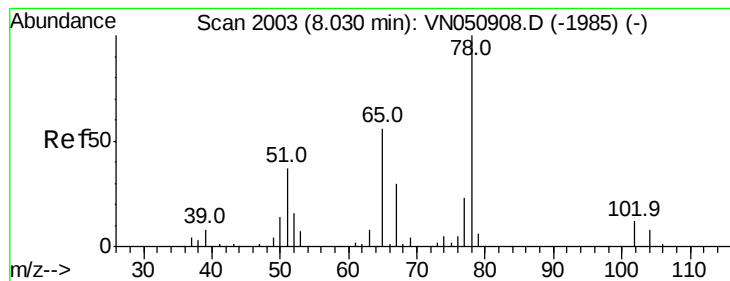
Tot Ion: 83 Resp: 176430
Ion Ratio Lower Upper
83 100
85 66.1 51.4 77.0



#26
Cyclohexane
Concen: 16.206 ug/l
RT: 7.65 min Scan# 1828
Delta R.T. -0.01 min
Lab File: VN051285.D
Acq: 18 Sep 2018 8:06

Tgt Ion: 56 Resp: 137546
Ion Ratio Lower Upper
56 100
89 0.6 0.4 0.6#
84 90.8 70.4 105.6





#27

1,2-Dichloroethane-d4

Concen: 28.280 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. -0.00 min

Lab File: VN051285.D

Acq: 18 Sep 2018 8:06

Instrument :

MSVOA_N

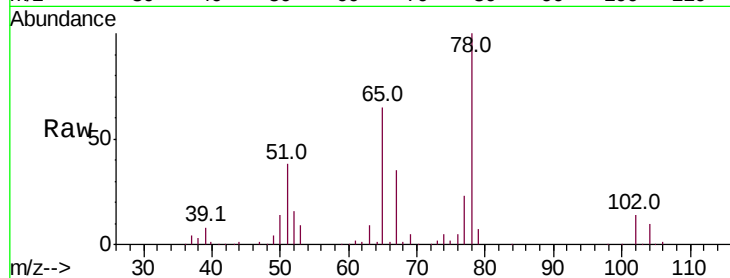
ClientSampled :

Tot Ion: 65 Resp: 170855

Ion Ratio Lower Upper

65 100

67 54.7 43.7 65.5



Abundance Ion 65.00 (64.70 to 65.70): VN050908.D (-1985) (-)

Ion 67.00 (66.70 to 67.70): VN050908.D (-1985) (-)

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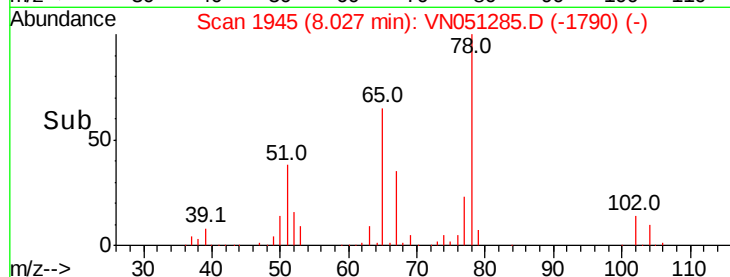
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Abundance Ion 65.00 (64.70 to 65.70): VN051285.D (-1790) (-)

Ion 67.00 (66.70 to 67.70): VN051285.D (-1790) (-)

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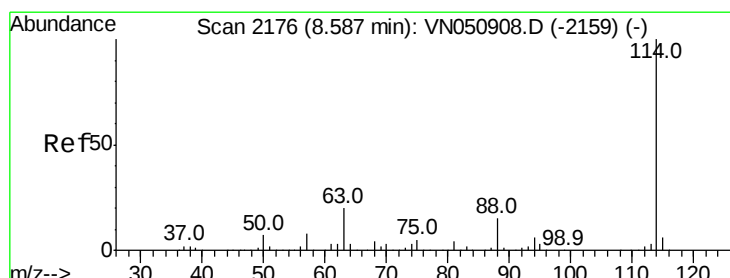
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#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 8.58 min Scan# 2118

Delta R.T. -0.00 min

Lab File: VN051285.D

Acq: 18 Sep 2018 8:06

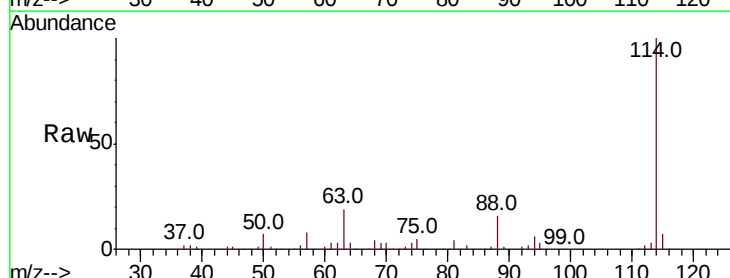
Tgt Ion:114 Resp: 507686

Ion Ratio Lower Upper

114 100

63 18.9 15.6 23.4

88 15.2 12.2 18.4



Abundance Ion 114.00 (113.70 to 114.70): VN050908.D (-2159) (-)

Ion 63.00 (62.70 to 63.70): VN050908.D (-2159) (-)

Ion 88.00 (87.70 to 88.70): VN050908.D (-2159) (-)

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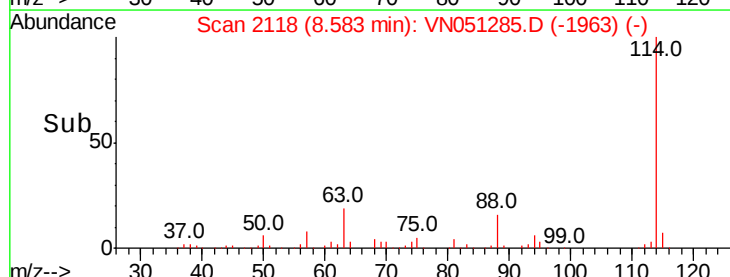
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Abundance Ion 114.00 (113.70 to 114.70): VN051285.D (-1963) (-)

Ion 63.00 (62.70 to 63.70): VN051285.D (-1963) (-)

Ion 88.00 (87.70 to 88.70): VN051285.D (-1963) (-)

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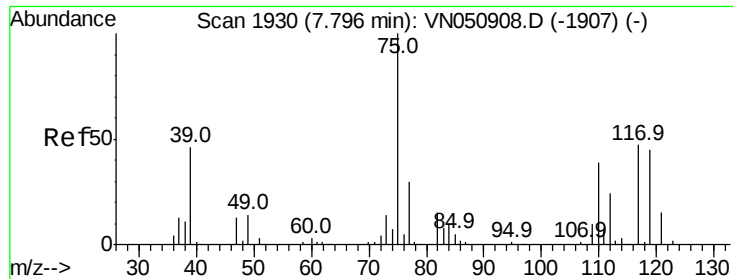
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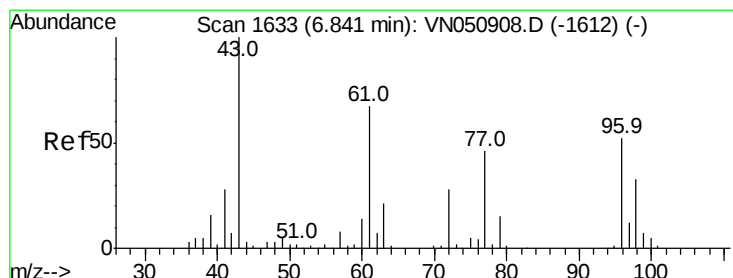
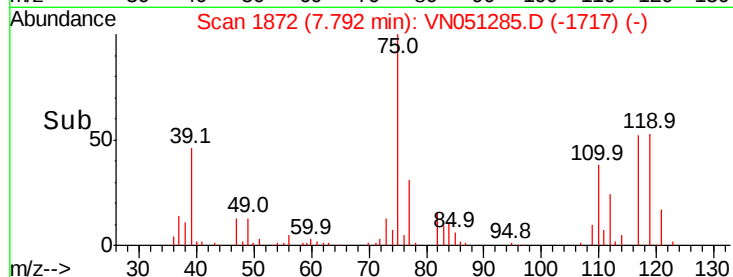
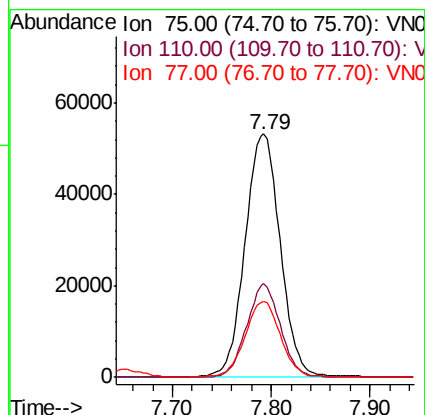
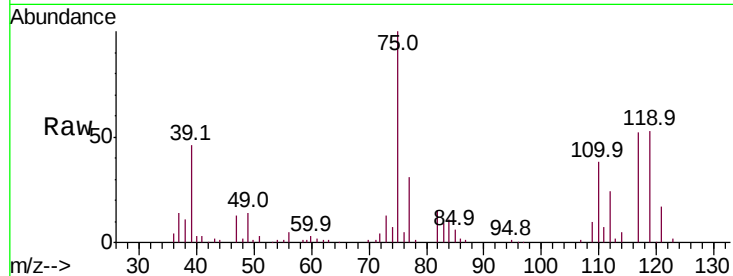
8.58



#29
 1,1-Dichloropropene
 Concen: 17.314 ug/l
 RT: 7.79 min Scan# 1872
 Delta R.T. -0.00 min
 Lab File: VN051285.D
 Acq: 18 Sep 2018 8:06

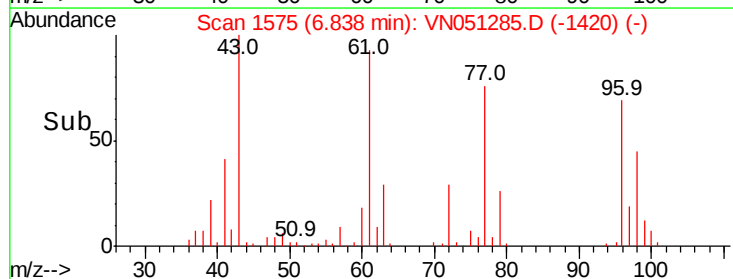
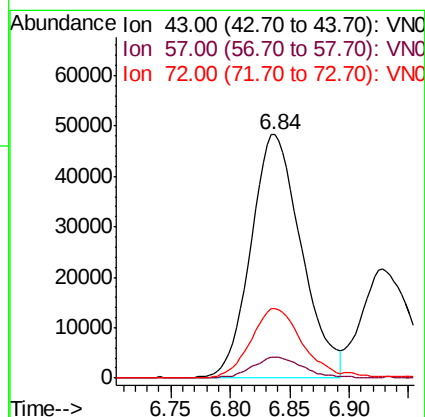
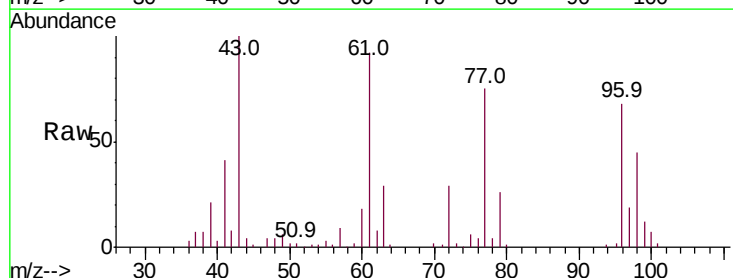
Instrument :
 MSVOA_N
 ClientSampled :

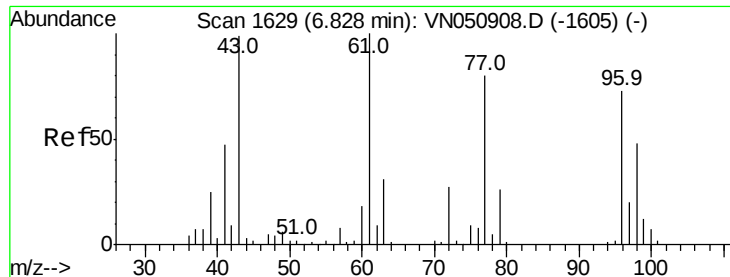
Tot Ion: 75 Resp: 131598
 Ion Ratio Lower Upper
 75 100
 110 36.6 0.0 75.0
 77 31.4 0.0 60.6



#30
 2-Butanone
 Concen: 60.924 ug/l
 RT: 6.84 min Scan# 1575
 Delta R.T. -0.00 min
 Lab File: VN051285.D
 Acq: 18 Sep 2018 8:06

Tgt Ion: 43 Resp: 142450
 Ion Ratio Lower Upper
 43 100
 57 8.6 6.9 10.3
 72 28.6 22.8 34.2

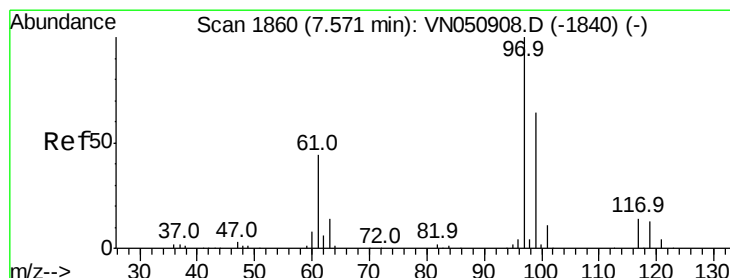
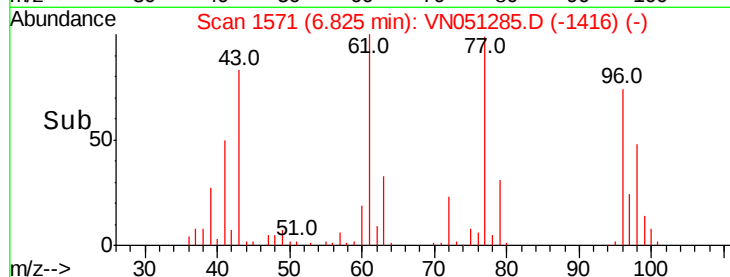
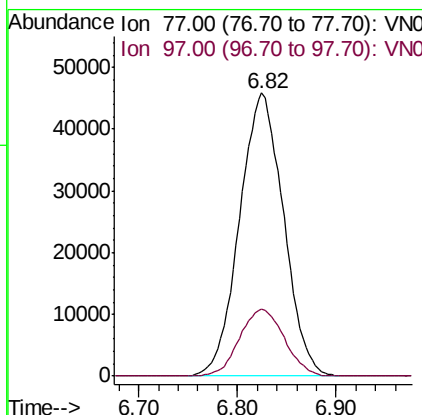
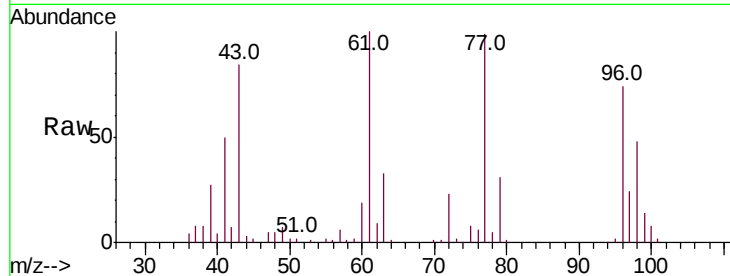




#31
 2,2-Dichloropropane
 Concen: 19.140 ug/l
 RT: 6.82 min Scan# 1571
 Delta R.T. -0.00 min
 Lab File: VN051285.D
 Acq: 18 Sep 2018 8:06

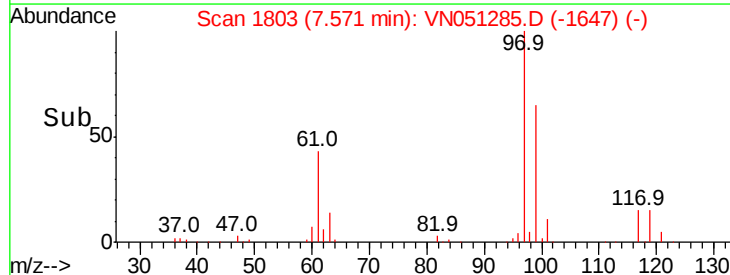
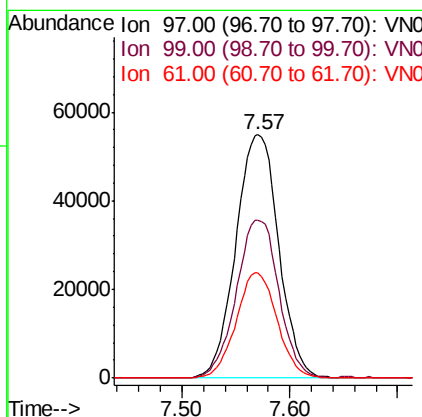
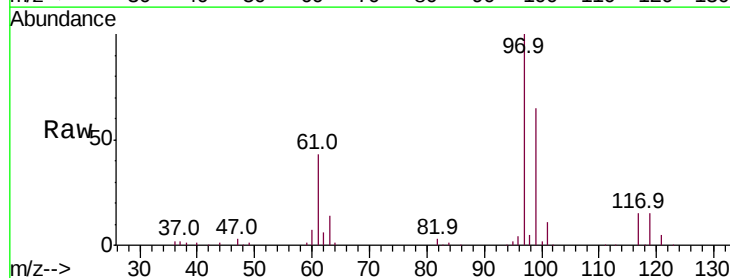
Instrument :
 MSVOA_N
 ClientSampleId :

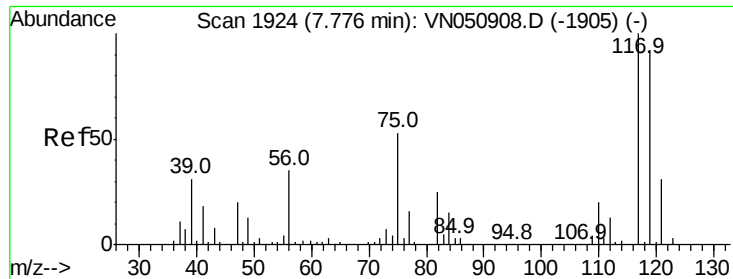
Tot Ion: 77 Resp: 141550
 Ion Ratio Lower Upper
 77 100
 97 24.1 20.2 30.2



#32
 1,1,1-Trichloroethane
 Concen: 17.578 ug/l
 RT: 7.57 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VN051285.D
 Acq: 18 Sep 2018 8:06

Tgt Ion: 97 Resp: 151506
 Ion Ratio Lower Upper
 97 100
 99 64.6 52.0 78.0
 61 41.4 35.0 52.6

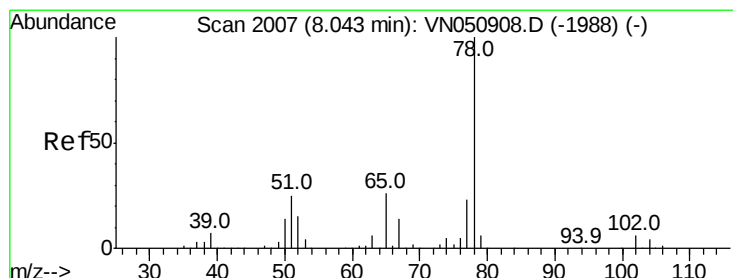
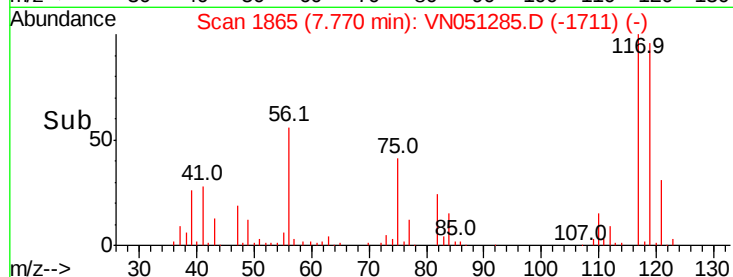
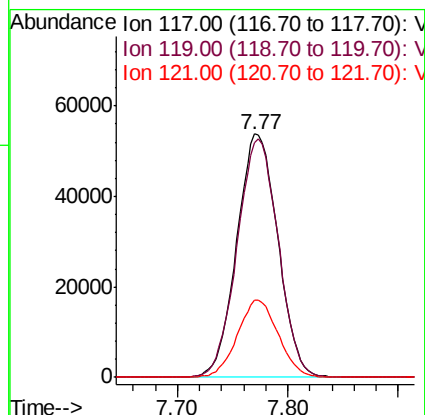
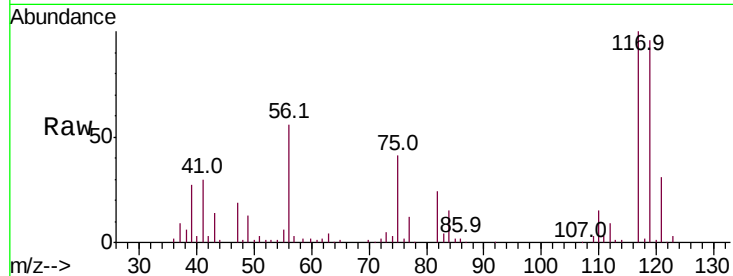




#33
Carbon Tetrachloride
Concen: 17.899 ug/l
RT: 7.77 min Scan# 1865
Delta R.T. -0.01 min
Lab File: VN051285.D
Acq: 18 Sep 2018 8:06

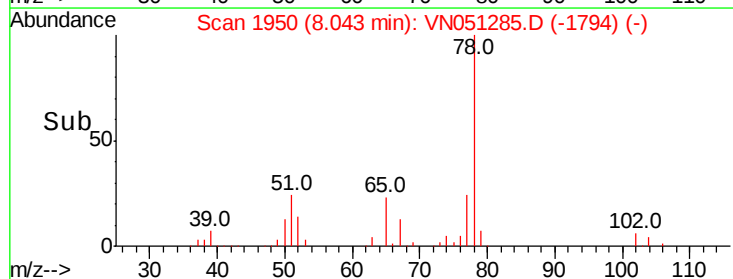
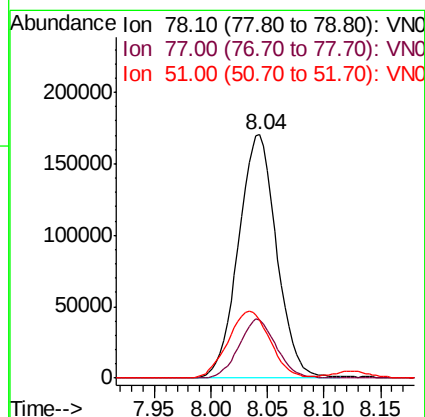
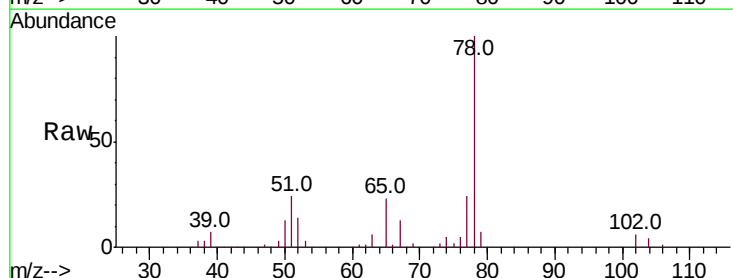
Instrument :
MSVOA_N
ClientSampled :

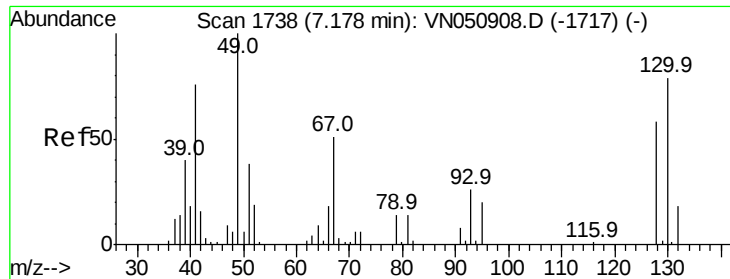
Tot Ion:117 Resp: 138927
Ion Ratio Lower Upper
117 100
119 96.1 73.5 110.3
121 31.5 24.6 37.0



#34
Benzene
Concen: 17.021 ug/l
RT: 8.04 min Scan# 1950
Delta R.T. 0.00 min
Lab File: VN051285.D
Acq: 18 Sep 2018 8:06

Tgt Ion: 78 Resp: 400222
Ion Ratio Lower Upper
78 100
77 23.7 18.6 28.0
51 23.3 20.0 30.0

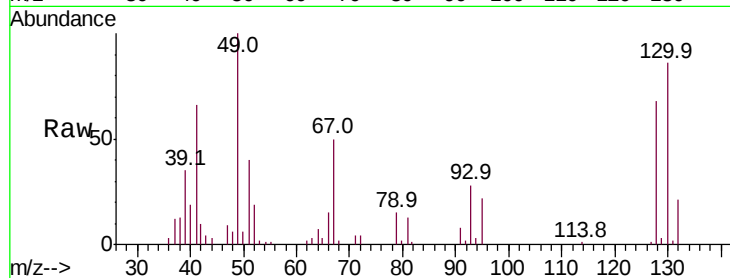




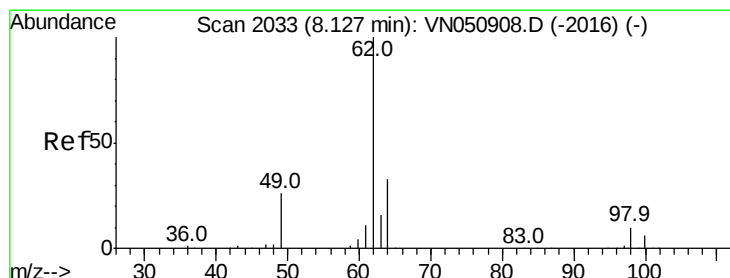
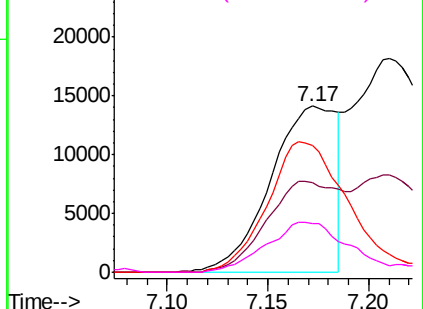
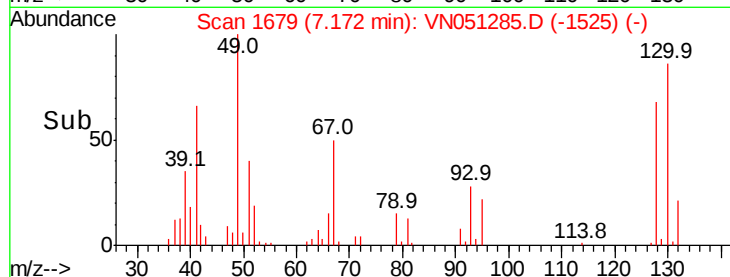
#35
Methacrylonitrile
Concen: 12.536 ug/l
RT: 7.17 min Scan# 1679
Delta R.T. -0.01 min
Lab File: VN051285.D
Acq: 18 Sep 2018 8:06

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 41 Resp: 32113
Ion Ratio Lower Upper
41 100
39 52.5 26.2 78.5
67 76.4 33.9 101.6
52 29.4 12.5 37.5

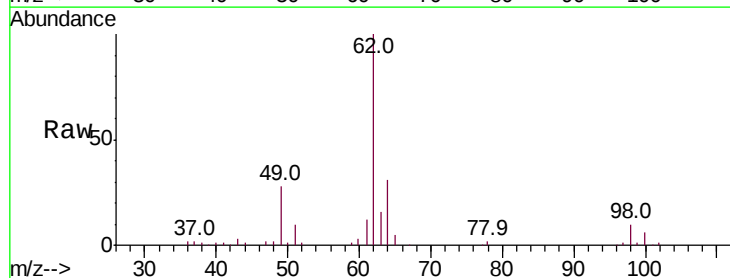


Abundance Ion 41.00 (40.70 to 41.70): VNC
Ion 39.00 (38.70 to 39.70): VNC
Ion 67.00 (66.70 to 67.70): VNC
Ion 52.00 (51.70 to 52.70): VNC

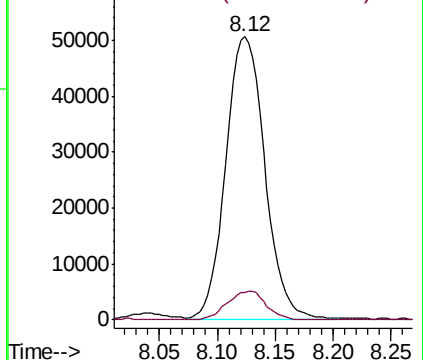
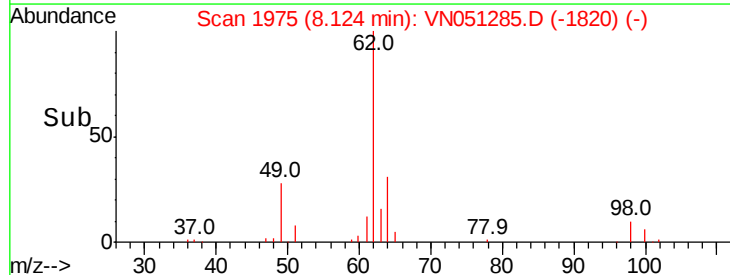


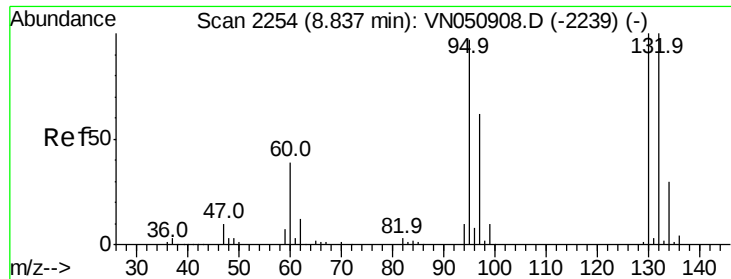
#36
1,2-Dichloroethane
Concen: 16.730 ug/l
RT: 8.12 min Scan# 1975
Delta R.T. -0.00 min
Lab File: VN051285.D
Acq: 18 Sep 2018 8:06

Tgt Ion: 62 Resp: 118969
Ion Ratio Lower Upper
62 100
98 10.1 8.0 12.0



Abundance Ion 62.00 (61.70 to 62.70): VNC
Ion 98.00 (97.70 to 98.70): VNC

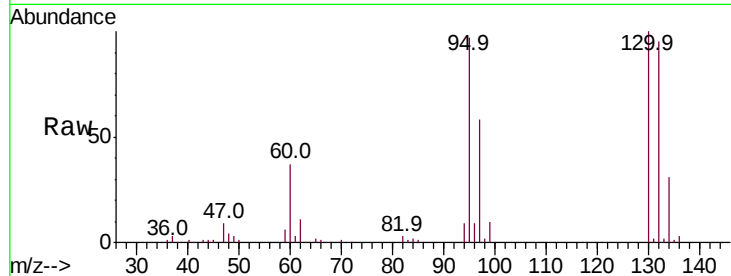




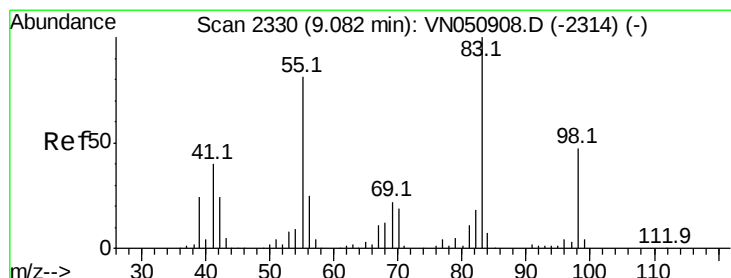
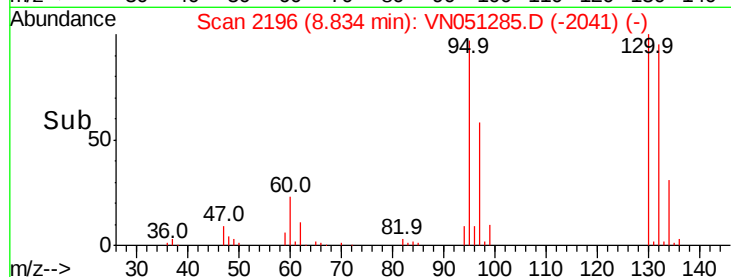
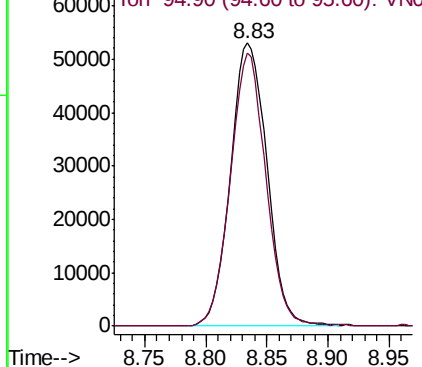
#37
 Trichloroethene
 Concen: 17.942 ug/l
 RT: 8.83 min Scan# 2196
 Delta R.T. -0.00 min
 Lab File: VN051285.D
 Acq: 18 Sep 2018 8:06

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion:130 Resp: 110262
 Ion Ratio Lower Upper
 130 100
 95 96.5 77.4 116.0

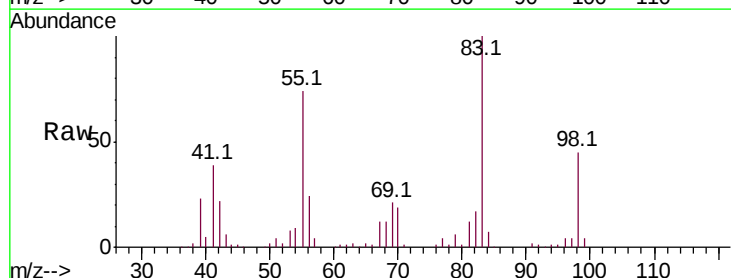


Abundance Ion 129.90 (129.60 to 130.60): V
 Ion 94.90 (94.60 to 95.60): VN

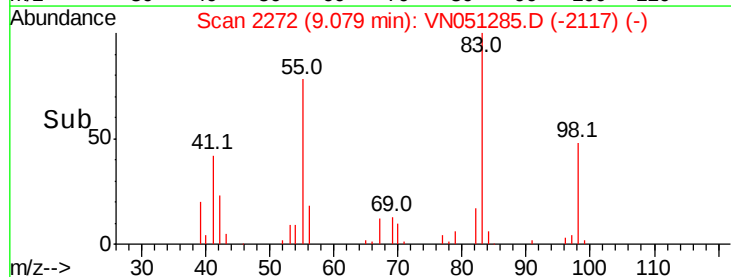
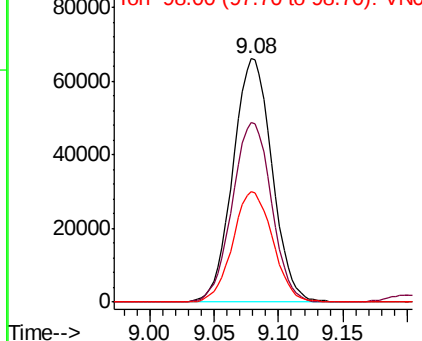


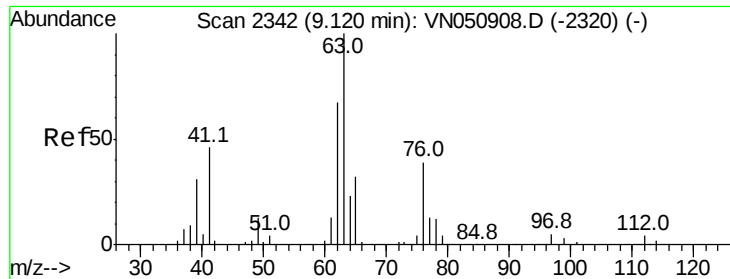
#38
 Methylcyclohexane
 Concen: 17.122 ug/l
 RT: 9.08 min Scan# 2272
 Delta R.T. -0.00 min
 Lab File: VN051285.D
 Acq: 18 Sep 2018 8:06

Tgt Ion: 83 Resp: 139770
 Ion Ratio Lower Upper
 83 100
 55 74.1 38.9 116.7
 98 46.4 22.9 68.7



Abundance Ion 83.00 (82.70 to 83.70): VNO
 Ion 55.00 (54.70 to 55.70): VNO
 Ion 98.00 (97.70 to 98.70): VNO

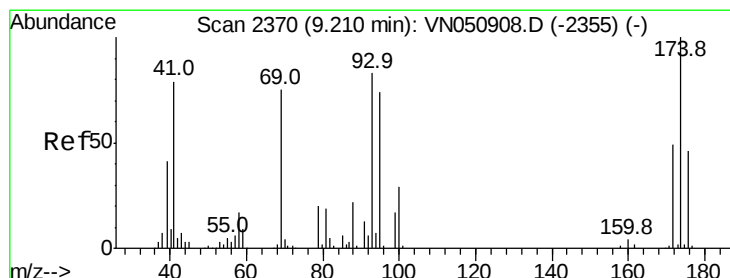
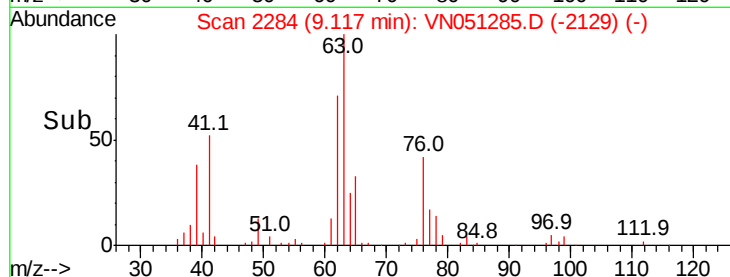
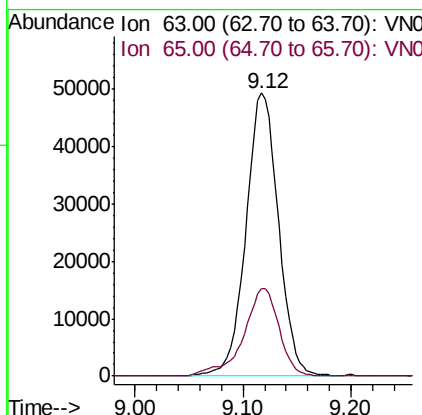
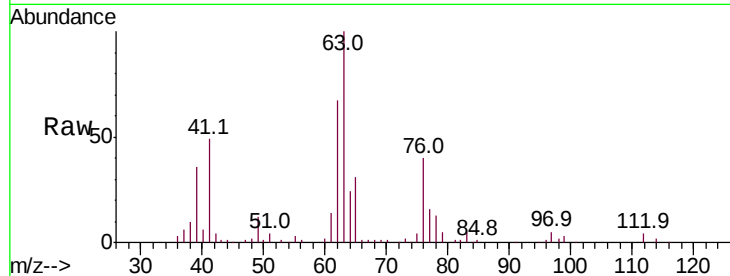




#39
 1,2-Dichloropropane
 Concen: 16.813 ug/l
 RT: 9.12 min Scan# 2284
 Delta R.T. -0.00 min
 Lab File: VN051285.D
 Acq: 18 Sep 2018 8:06

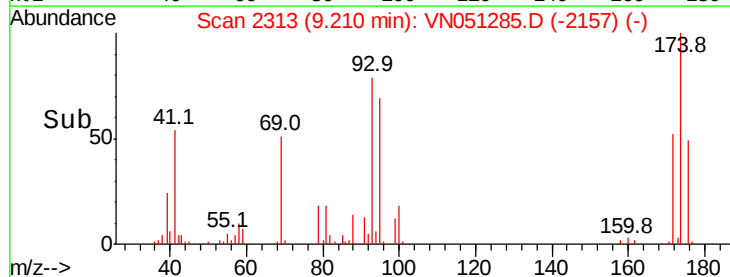
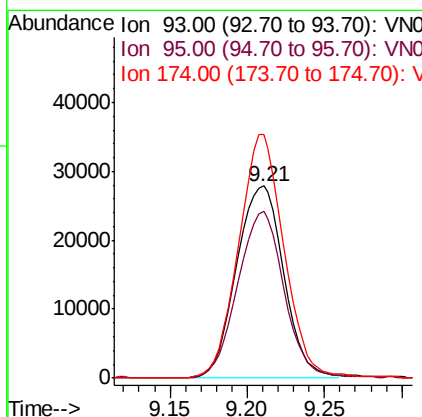
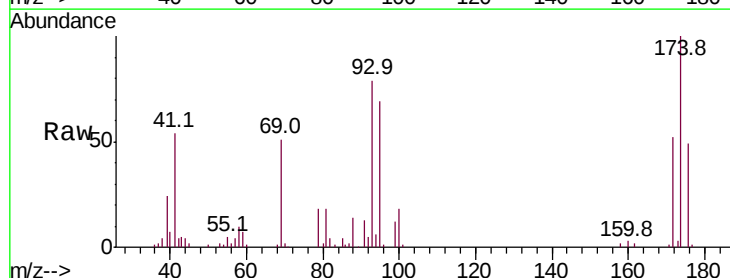
Instrument :
 MSVOA_N
 ClientSampleId :

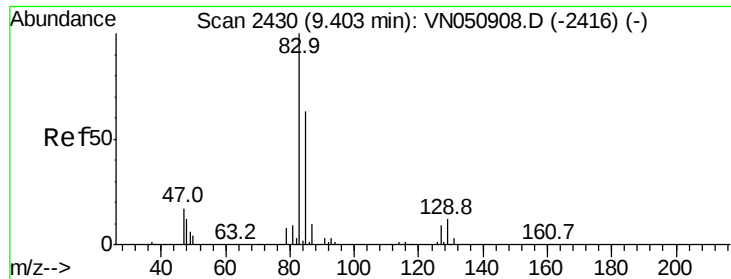
Tot Ion: 63 Resp: 103250
 Ion Ratio Lower Upper
 63 100
 65 30.8 25.6 38.4



#40
 Dibromomethane
 Concen: 16.009 ug/l
 RT: 9.21 min Scan# 2313
 Delta R.T. 0.00 min
 Lab File: VN051285.D
 Acq: 18 Sep 2018 8:06

Tgt Ion: 93 Resp: 59221
 Ion Ratio Lower Upper
 93 100
 95 85.1 0.0 173.4
 174 121.8 0.0 234.8





#41

Bromodichloromethane

Concen: 17.015 ug/l

RT: 9.40 min Scan# 2372

Delta R.T. -0.00 min

Lab File: VN051285.D

Acq: 18 Sep 2018 8:06

Instrument :

MSVOA_N

ClientSampled :

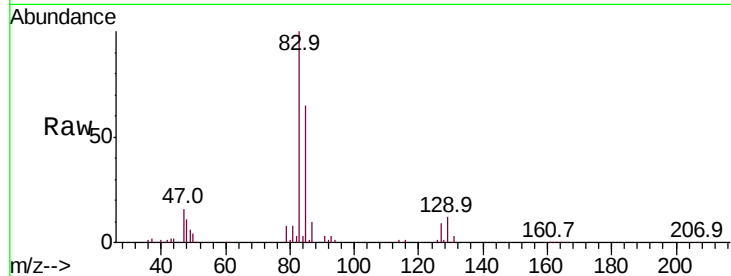
Tot Ion: 83 Resp: 132681

Ion Ratio Lower Upper

83 100

85 65.1 50.6 76.0

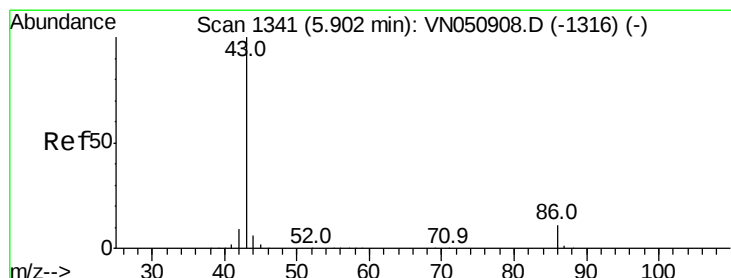
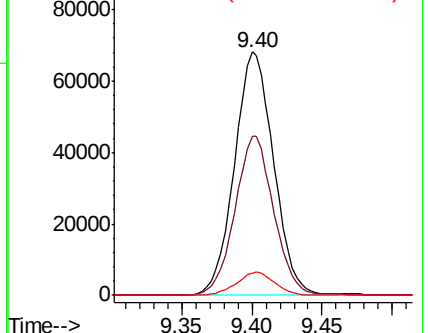
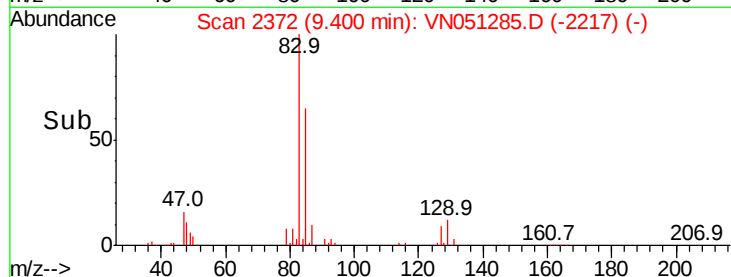
127 9.3 7.1 10.7



Abundance Ion 83.00 (82.70 to 83.70): VN0

Ion 85.00 (84.70 to 85.70): VN0

Ion 127.00 (126.70 to 127.70): V



#42

Vinyl Acetate

Concen: 73.560 ug/l

RT: 5.90 min Scan# 1282

Delta R.T. -0.01 min

Lab File: VN051285.D

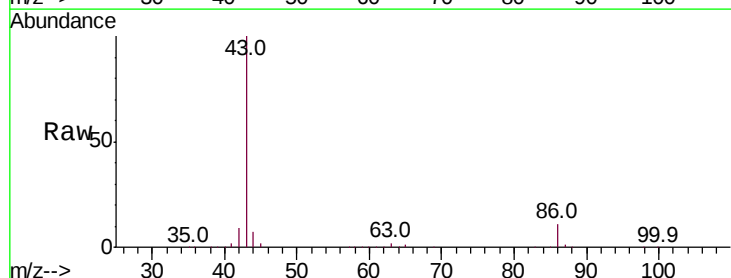
Acq: 18 Sep 2018 8:06

Tgt Ion: 43 Resp: 792230

Ion Ratio Lower Upper

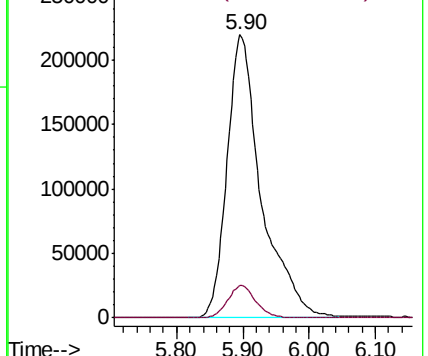
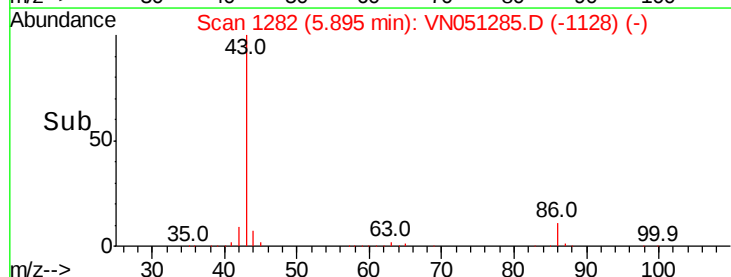
43 100

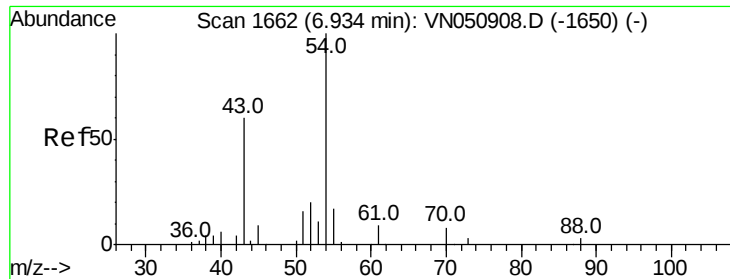
86 9.4 7.2 10.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0

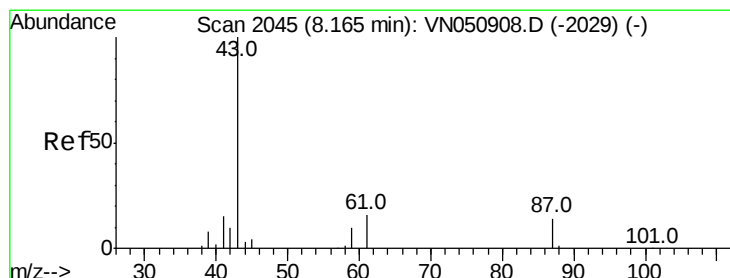
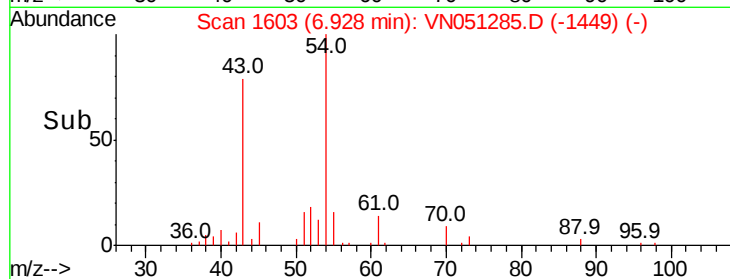
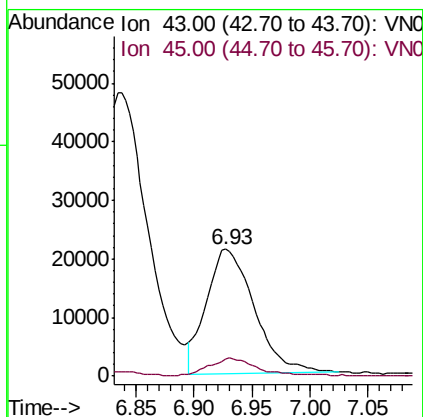
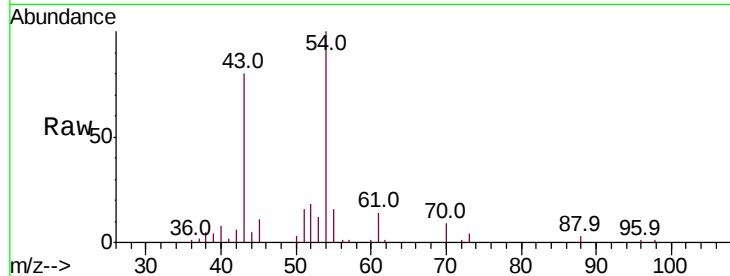




#43
Ethyl Acetate
Concen: 12.740 ug/l
RT: 6.93 min Scan# 1603
Delta R.T. -0.01 min
Lab File: VN051285.D
Acq: 18 Sep 2018 8:06

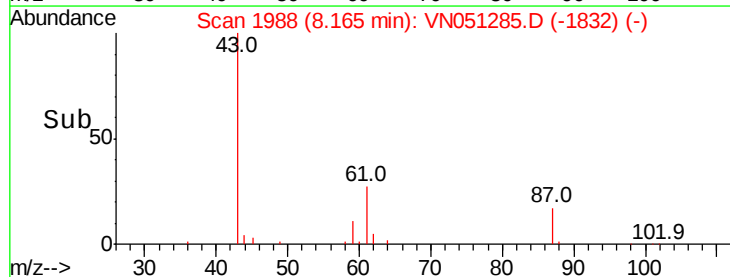
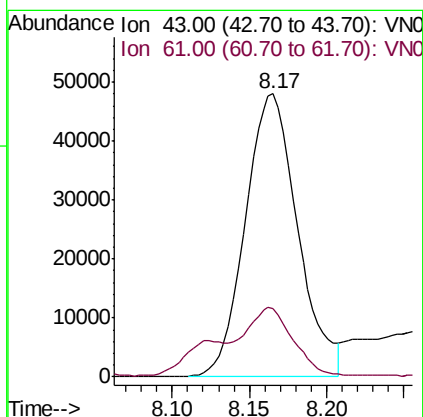
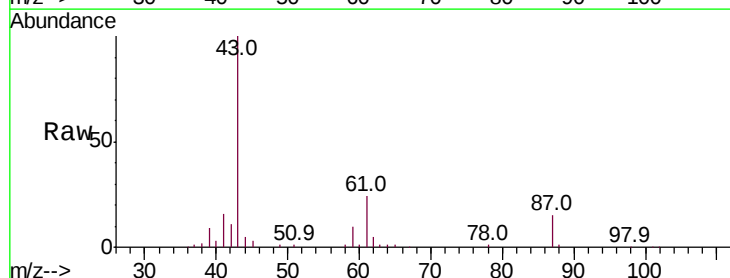
Instrument :
MSVOA_N
ClientSampled :

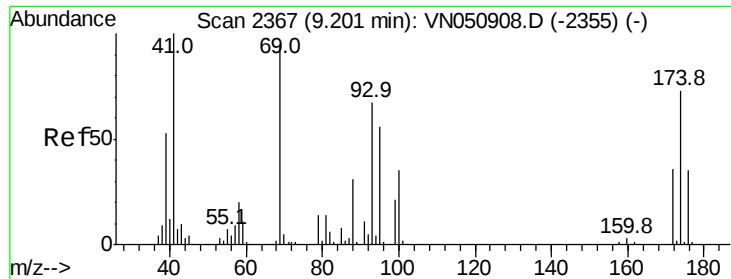
Tot Ion: 43 Resp: 61024
Ion Ratio Lower Upper
43 100
45 14.3 10.2 15.2



#44
Isopropyl Acetate
Concen: 13.391 ug/l
RT: 8.17 min Scan# 1988
Delta R.T. 0.00 min
Lab File: VN051285.D
Acq: 18 Sep 2018 8:06

Tgt Ion: 43 Resp: 113181
Ion Ratio Lower Upper
43 100
61 19.7 16.3 24.5

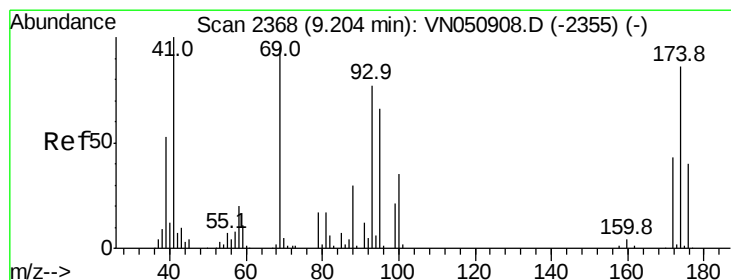
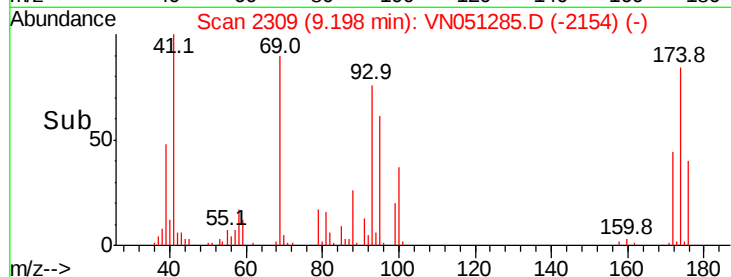
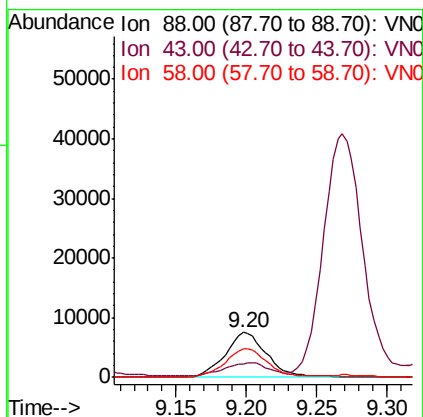
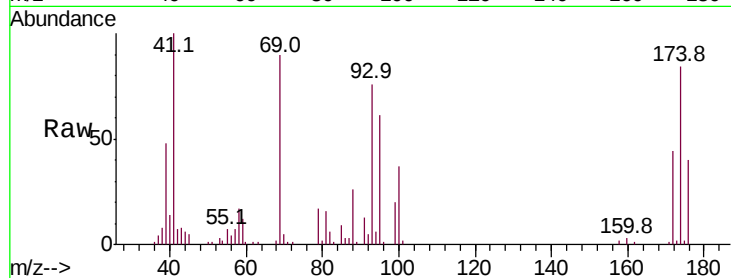




#45
 1,4-Dioxane
 Concen: 247.763 ug/l
 RT: 9.20 min Scan# 2309
 Delta R.T. -0.00 min
 Lab File: VN051285.D
 Acq: 18 Sep 2018 8:06

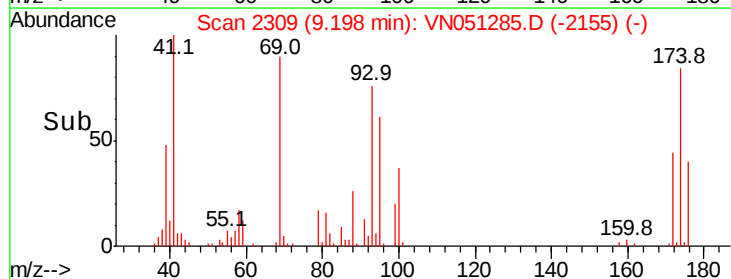
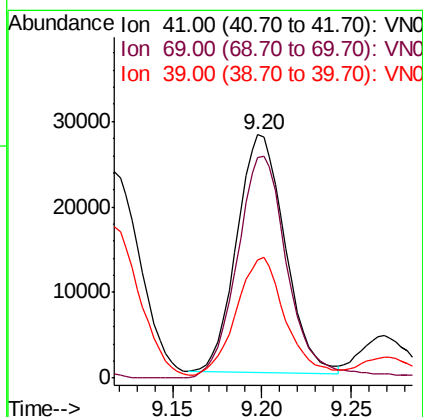
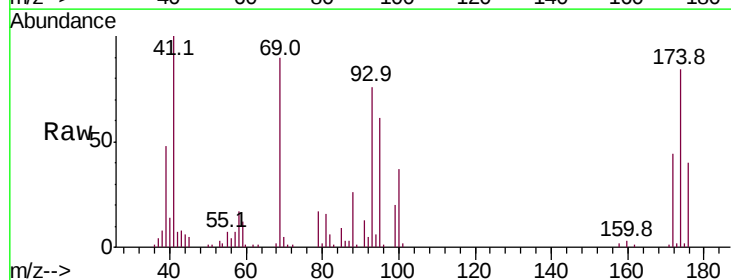
Instrument :
 MSVOA_N
 ClientSampled :

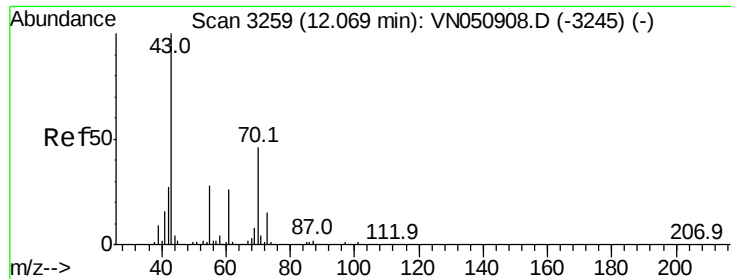
Tot Ion: 88 Resp: 15556
 Ion Ratio Lower Upper
 88 100
 43 28.2 23.5 35.3
 58 63.5 55.2 82.8



#46
 Methyl methacrylate
 Concen: 12.374 ug/l
 RT: 9.20 min Scan# 2309
 Delta R.T. -0.01 min
 Lab File: VN051285.D
 Acq: 18 Sep 2018 8:06

Tgt Ion: 41 Resp: 52382
 Ion Ratio Lower Upper
 41 100
 69 93.0 47.4 142.2
 39 48.2 26.6 79.7

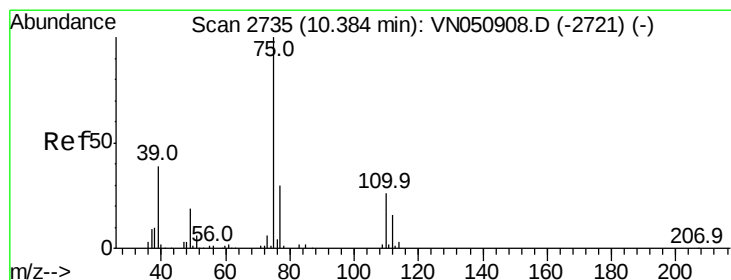
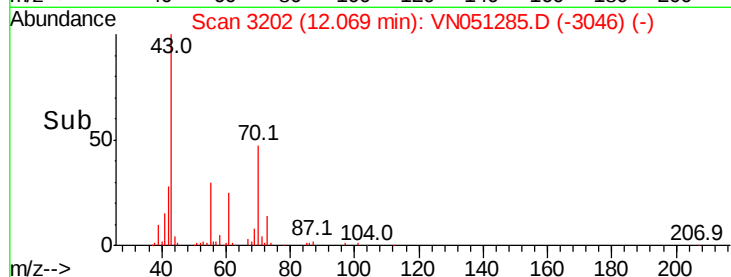
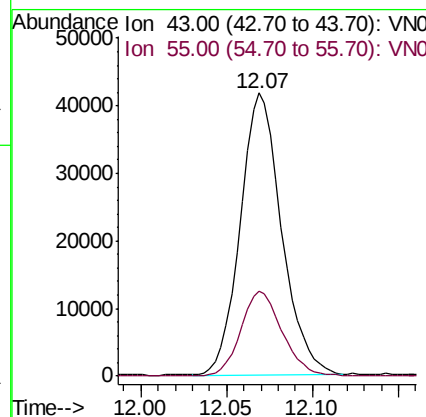
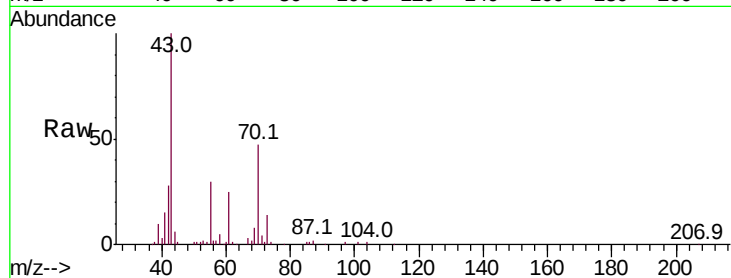




#47
n-amyl Acetate
Concen: 10.292 ug/l
RT: 12.07 min Scan# 3202
Delta R.T. 0.00 min
Lab File: VN051285.D
Acq: 18 Sep 2018 8:06

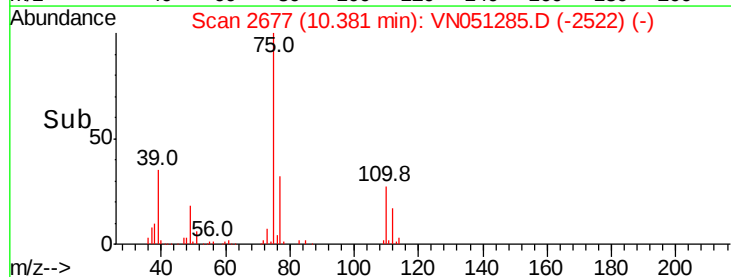
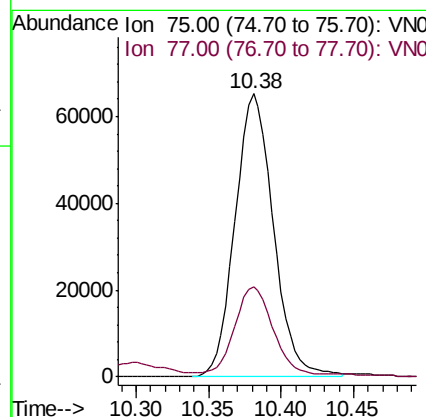
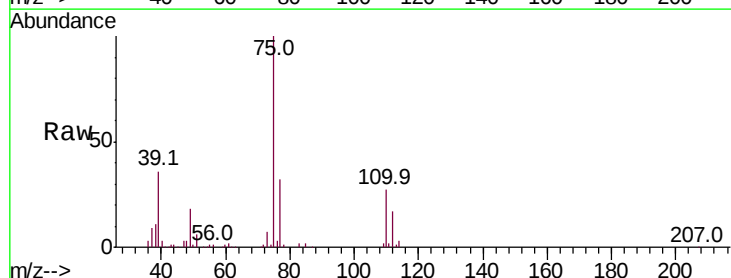
Instrument :
MSVOA_N
ClientSampled :

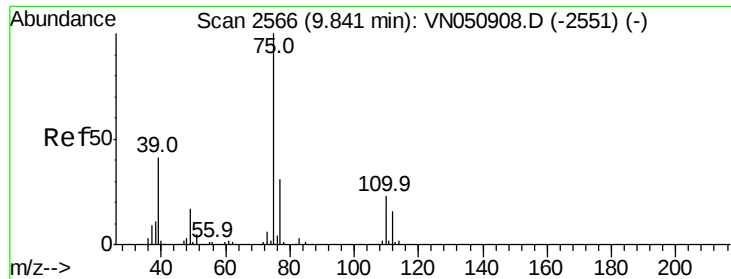
Tot Ion: 43 Resp: 69940
Ion Ratio Lower Upper
43 100
55 29.9 23.0 34.4



#48
t-1,3-Dichloropropene
Concen: 15.740 ug/l
RT: 10.38 min Scan# 2677
Delta R.T. -0.00 min
Lab File: VN051285.D
Acq: 18 Sep 2018 8:06

Tgt Ion: 75 Resp: 120318
Ion Ratio Lower Upper
75 100
77 31.0 24.8 37.2



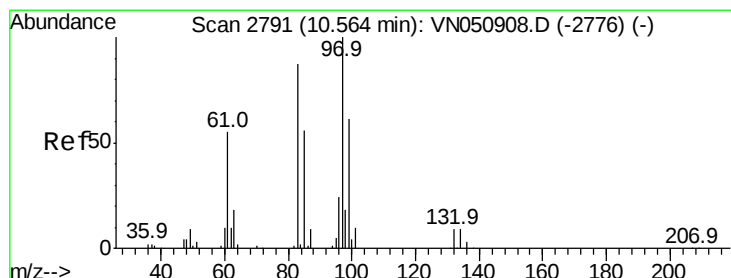
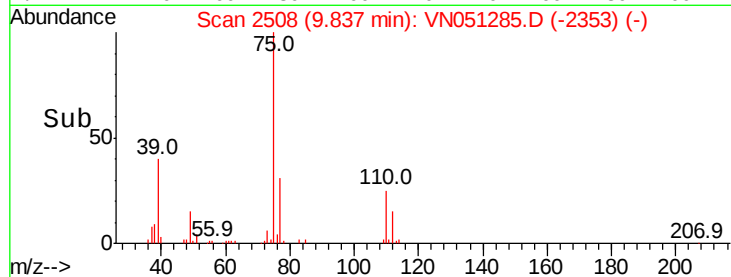
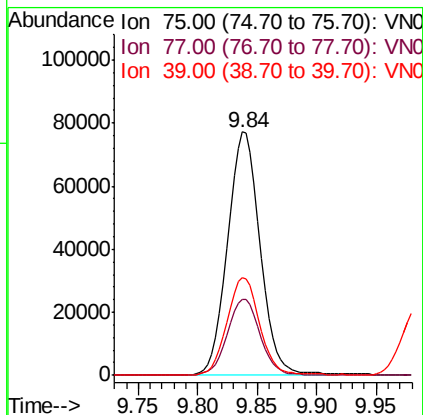
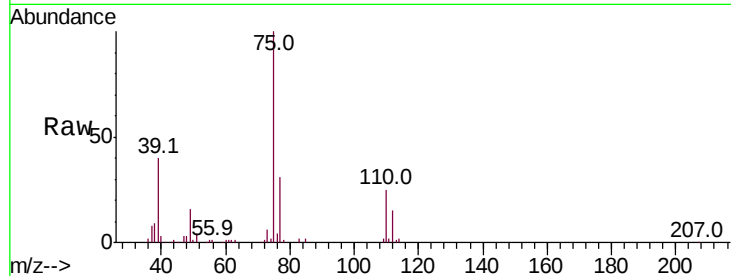


#49

cis-1,3-Dichloropropene
Concen: 16.722 ug/l
RT: 9.84 min Scan# 2508
Delta R.T. -0.00 min
Lab File: VN051285.D
Acq: 18 Sep 2018 8:06

Instrument :
MSVOA_N
ClientSampled :

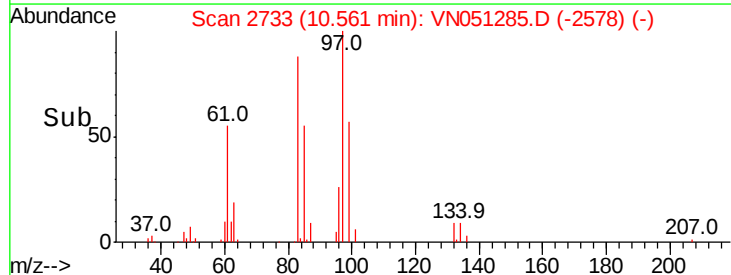
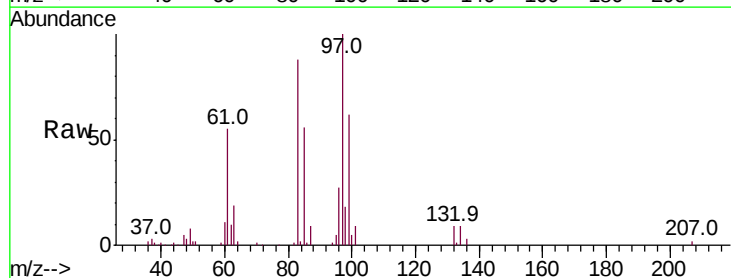
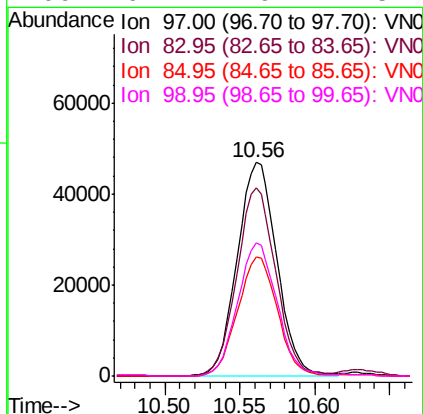
Tot Ion	Ratio	Lower	Upper
75	100		
77	30.9	25.0	37.4
39	40.2	32.9	49.3

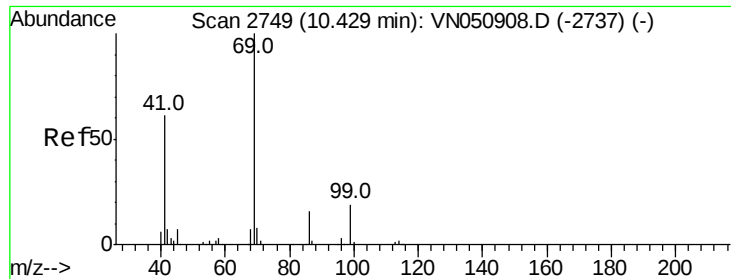


#50

1,1,2-Trichloroethane
Concen: 16.153 ug/l
RT: 10.56 min Scan# 2733
Delta R.T. -0.00 min
Lab File: VN051285.D
Acq: 18 Sep 2018 8:06

Tgt Ion	Ratio	Lower	Upper
97	100		
83	88.3	69.8	104.6
85	55.9	45.0	67.6
99	62.4	49.1	73.7





#51

Ethyl methacrylate

Concen: 13.261 ug/l

RT: 10.43 min Scan# 2691

Delta R.T. -0.00 min

Lab File: VN051285.D

Acq: 18 Sep 2018 8:06

Instrument :

MSVOA_N

ClientSampleId :

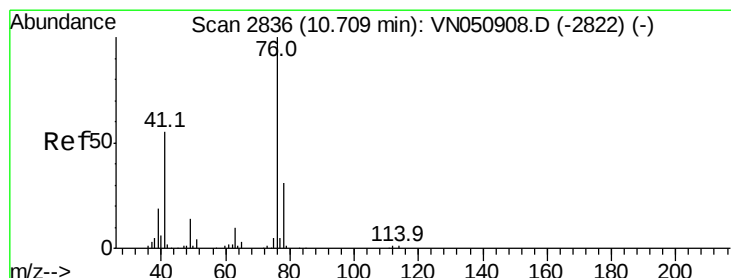
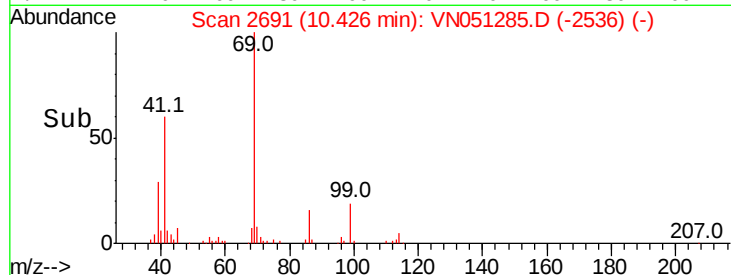
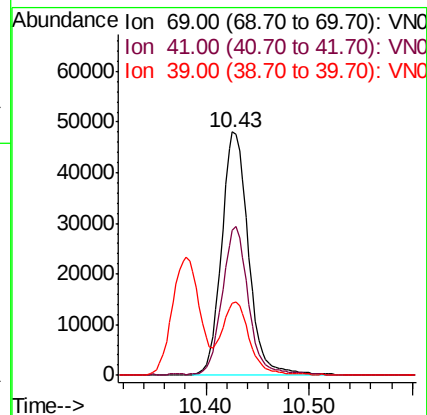
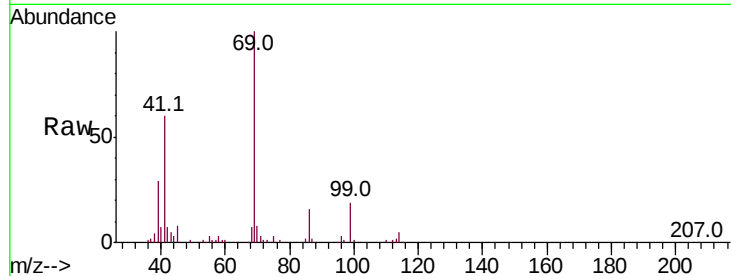
Tot Ion: 69 Resp: 87210

Ion Ratio Lower Upper

69 100

41 59.8 30.5 91.5

39 29.4 15.3 45.8



#52

1,3-Dichloropropane

Concen: 15.324 ug/l

RT: 10.71 min Scan# 2778

Delta R.T. -0.00 min

Lab File: VN051285.D

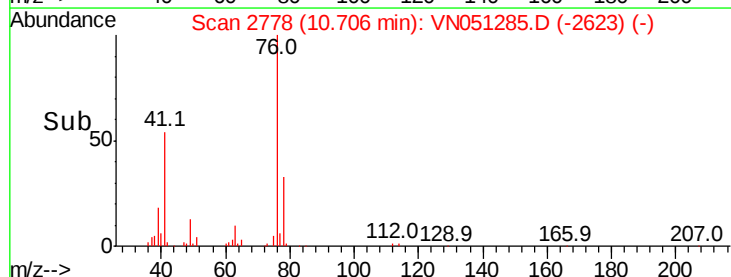
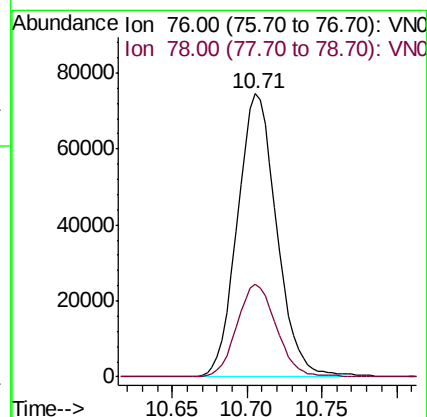
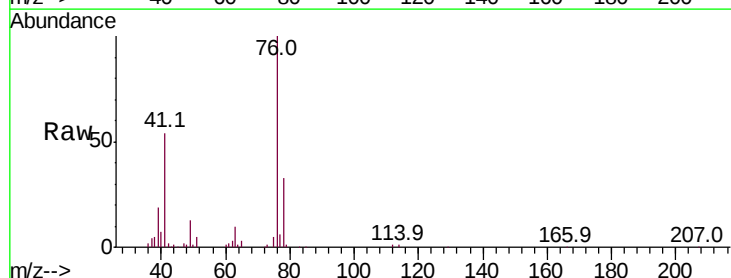
Acq: 18 Sep 2018 8:06

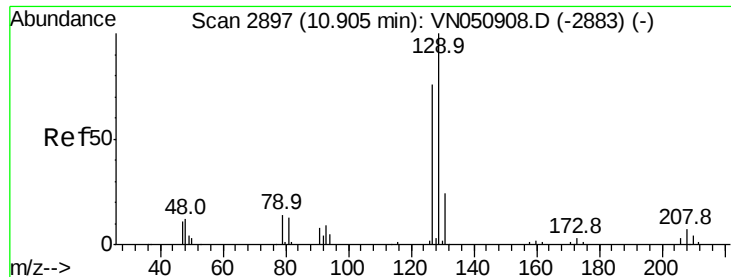
Tgt Ion: 76 Resp: 136427

Ion Ratio Lower Upper

76 100

78 32.9 0.0 63.4

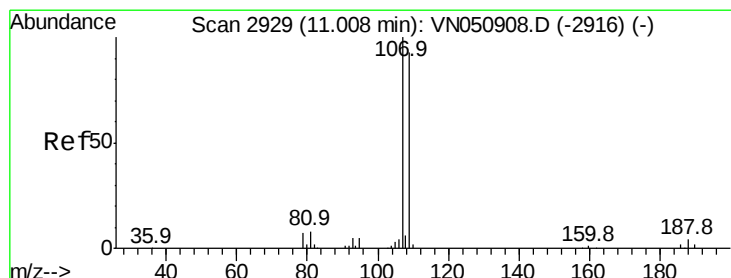
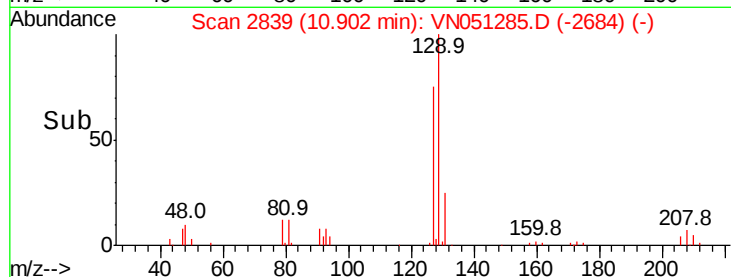
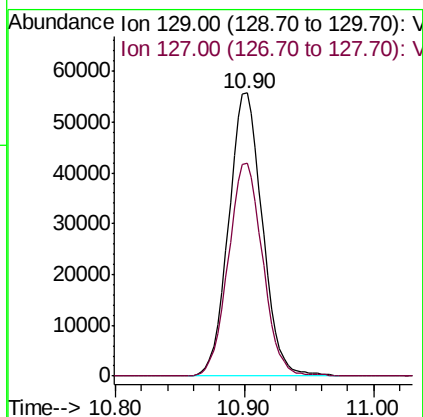
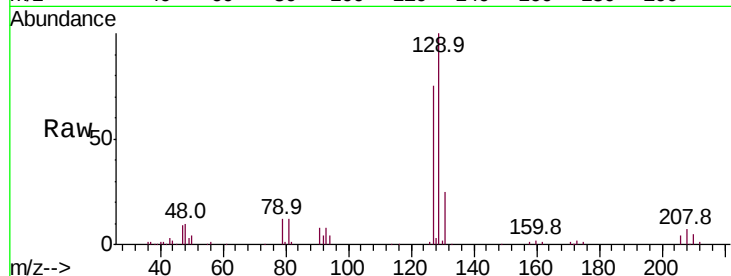




#53
 Dibromochloromethane
 Concen: 16.527 ug/l
 RT: 10.90 min Scan# 2839
 Delta R.T. -0.00 min
 Lab File: VN051285.D
 Acq: 18 Sep 2018 8:06

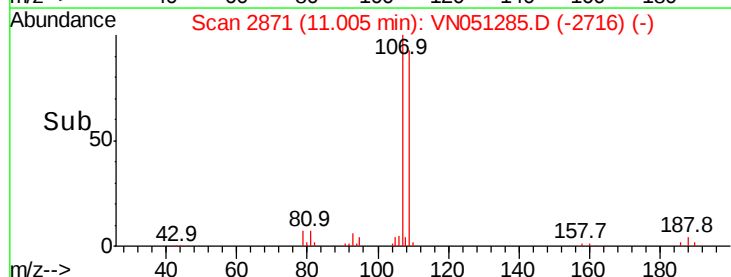
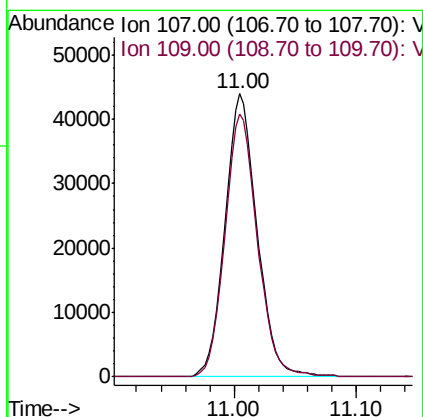
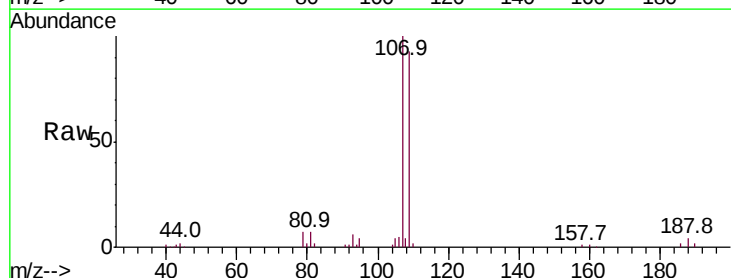
Instrument :
 MSVOA_N
 ClientSampleId :

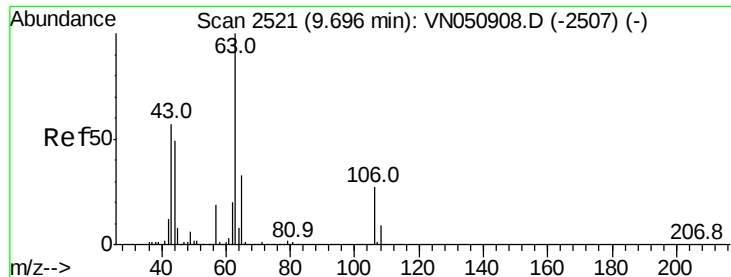
Tot Ion:129 Resp: 101008
 Ion Ratio Lower Upper
 129 100
 127 76.4 39.0 116.9



#54
 1,2-Dibromoethane
 Concen: 15.204 ug/l
 RT: 11.00 min Scan# 2871
 Delta R.T. -0.00 min
 Lab File: VN051285.D
 Acq: 18 Sep 2018 8:06

Tgt Ion:107 Resp: 80805
 Ion Ratio Lower Upper
 107 100
 109 93.8 74.4 111.6





#55

2-Chloroethyl vinyl ether

Concen: 73.670 ug/l

RT: 9.70 min Scan# 2464

Delta R.T. 0.00 min

Lab File: VN051285.D

Acq: 18 Sep 2018 8:06

Instrument :

MSVOA_N

ClientSampled :

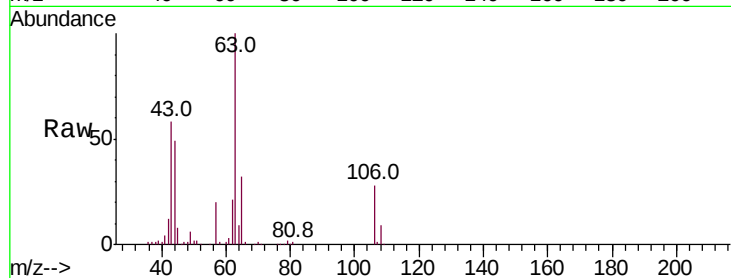
Tot Ion: 63 Resp: 201582

Ion Ratio Lower Upper

63 100

65 32.5 25.4 38.2

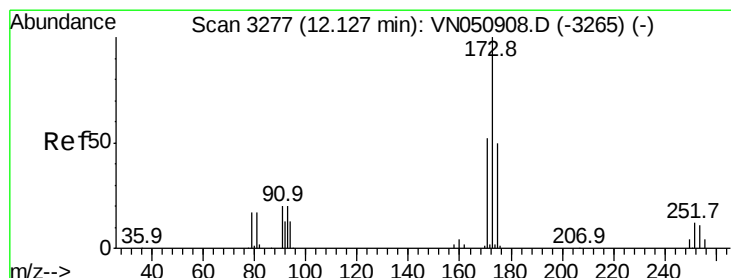
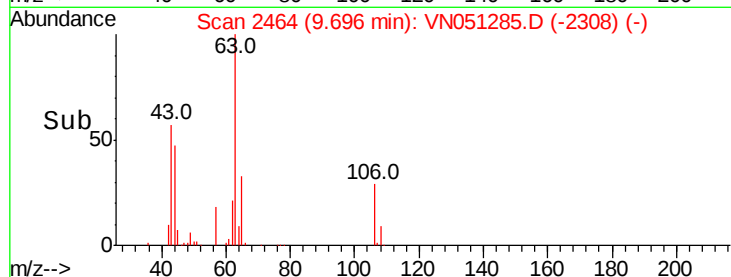
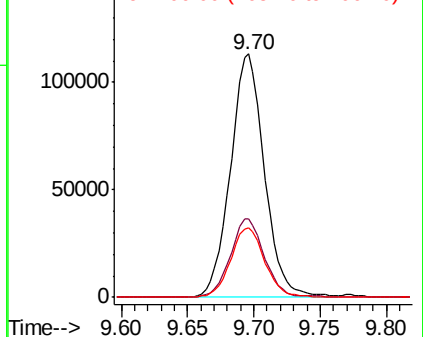
106 28.7 22.0 33.0



Abundance Ion 63.00 (62.70 to 63.70): VN051285.D (-2308) (-)

Ion 65.00 (64.70 to 65.70): VN051285.D (-2308) (-)

Ion 106.00 (105.70 to 106.70): VN051285.D (-2308) (-)



#56

Bromoform

Concen: 15.166 ug/l

RT: 12.12 min Scan# 3219

Delta R.T. -0.00 min

Lab File: VN051285.D

Acq: 18 Sep 2018 8:06

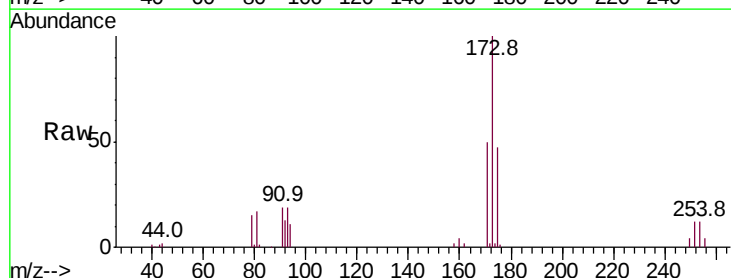
Tgt Ion: 173 Resp: 65922

Ion Ratio Lower Upper

173 100

175 48.1 39.2 58.8

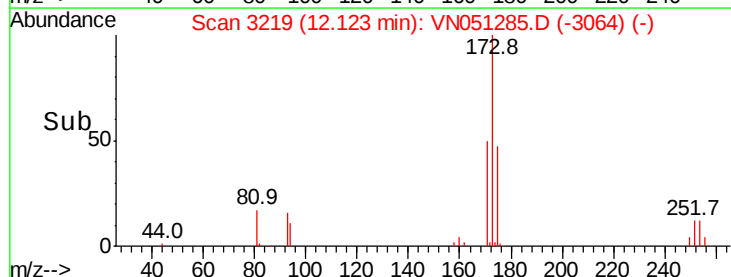
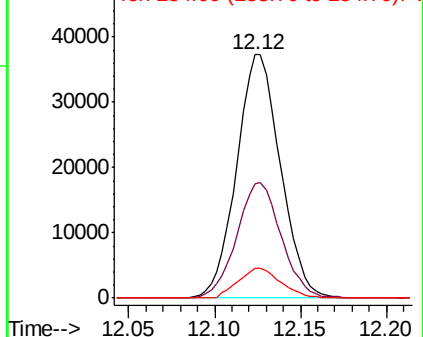
254 11.9 9.0 13.6

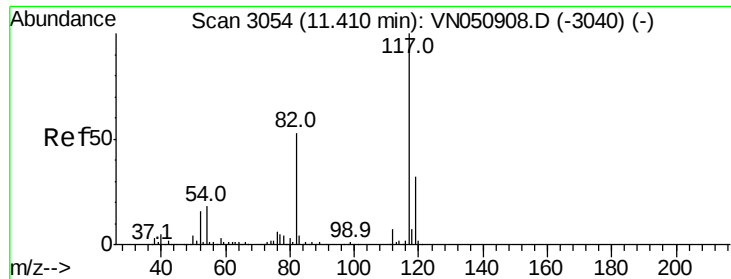


Abundance Ion 173.00 (172.70 to 173.70): VN051285.D (-3064) (-)

Ion 175.00 (174.70 to 175.70): VN051285.D (-3064) (-)

Ion 254.00 (253.70 to 254.70): VN051285.D (-3064) (-)

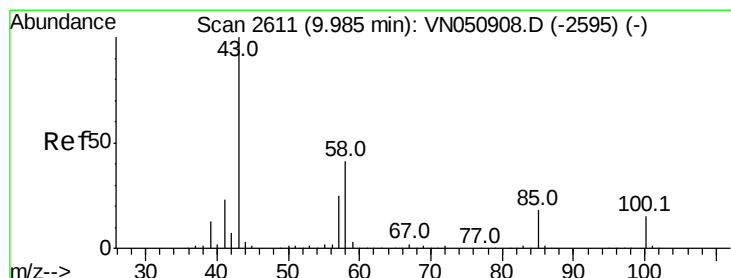
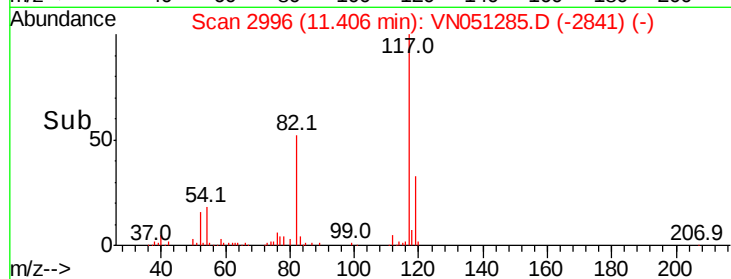
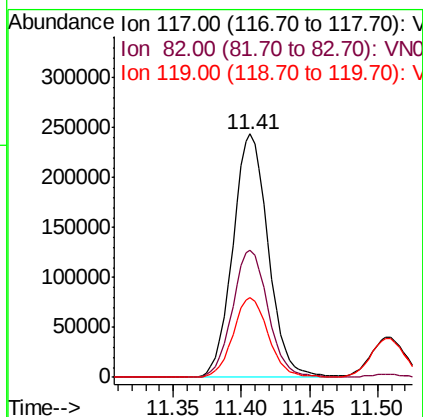
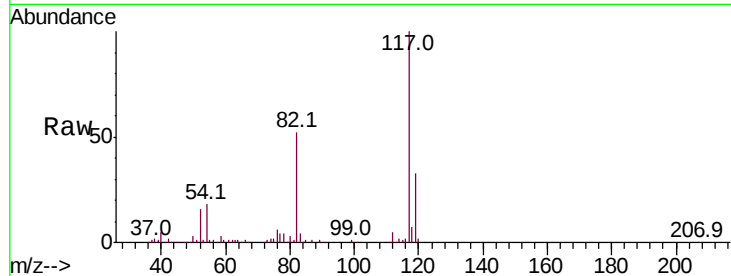




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN051285.D
Acq: 18 Sep 2018 8:06

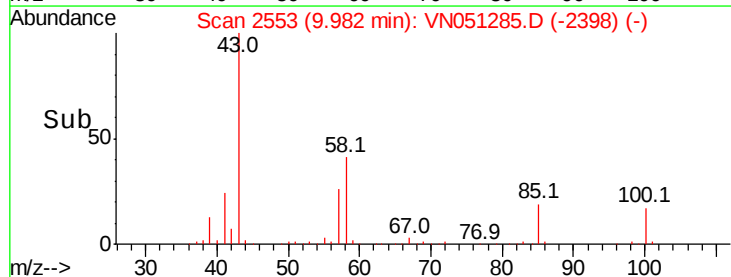
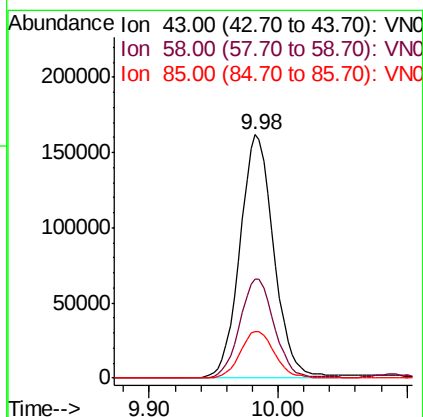
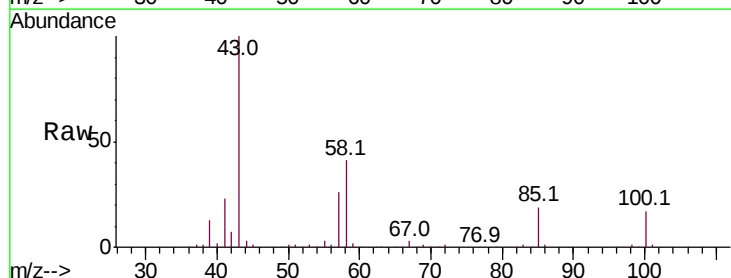
Instrument :
MSVOA_N
ClientSampled :

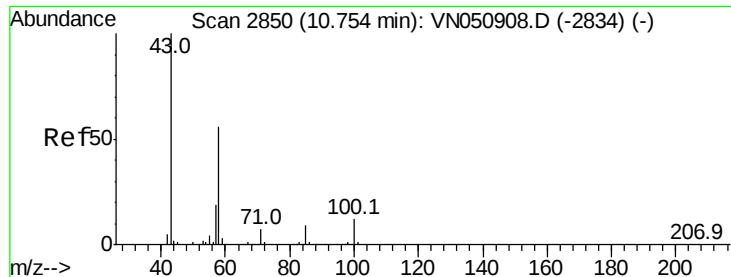
Tot Ion:117 Resp: 439578
Ion Ratio Lower Upper
117 100
82 52.4 42.6 64.0
119 32.5 25.7 38.5



#58
4-Methyl-2-Pentanone
Concen: 58.616 ug/l
RT: 9.98 min Scan# 2553
Delta R.T. -0.00 min
Lab File: VN051285.D
Acq: 18 Sep 2018 8:06

Tgt Ion: 43 Resp: 294805
Ion Ratio Lower Upper
43 100
58 41.7 32.3 48.5
85 19.7 14.9 22.3

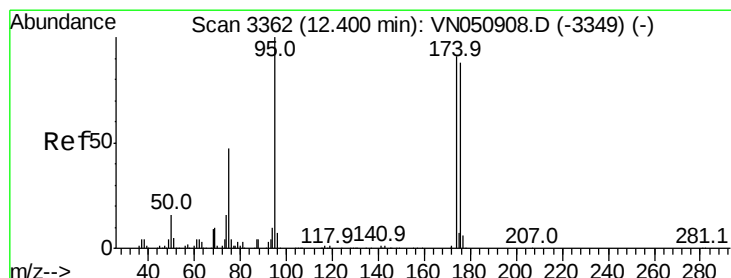
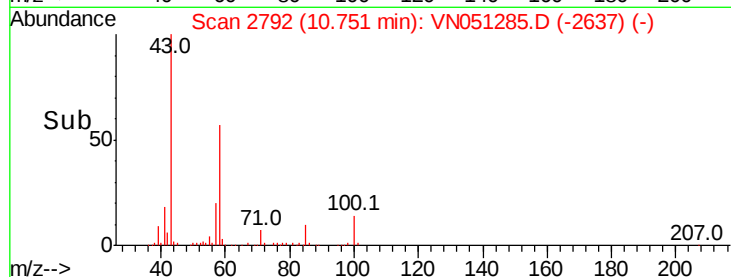
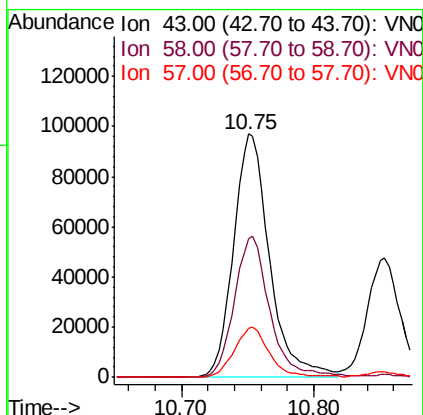
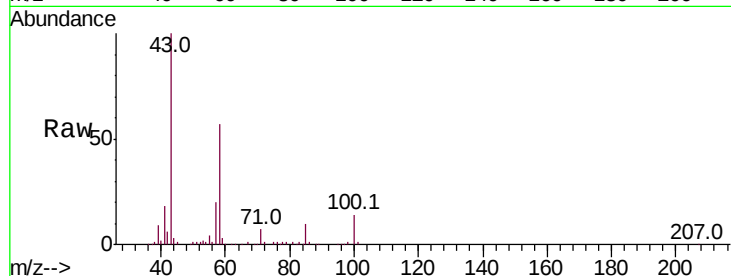




#59
2-Hexanone
Concen: 55.413 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. -0.00 min
Lab File: VN051285.D
Acq: 18 Sep 2018 8:06

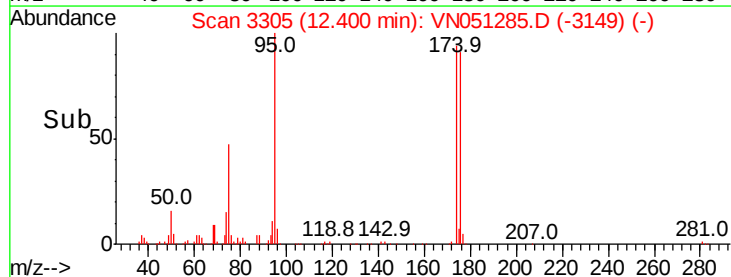
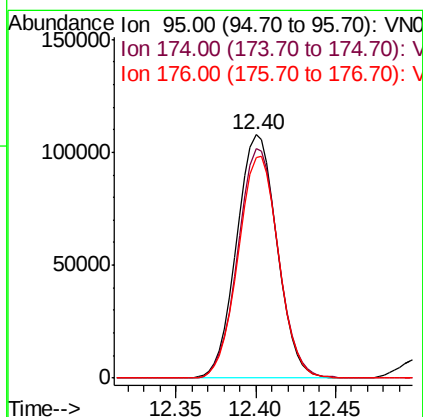
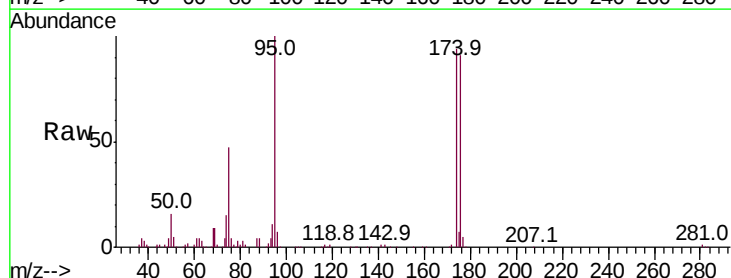
Instrument :
MSVOA_N
ClientSampleId :

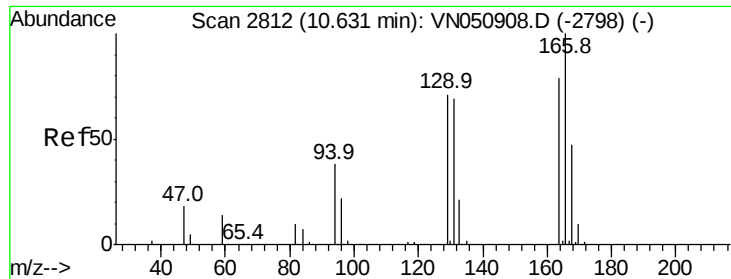
Tot Ion: 43 Resp: 182168
Ion Ratio Lower Upper
43 100
58 57.4 45.5 68.3
57 19.9 15.2 22.8



#60
4-Bromofluorobenzene
Concen: 28.340 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN051285.D
Acq: 18 Sep 2018 8:06

Tgt Ion: 95 Resp: 185251
Ion Ratio Lower Upper
95 100
174 94.3 74.6 112.0
176 91.4 71.5 107.3





#61

Tetrachloroethene

Concen: 18.199 ug/l

RT: 10.63 min Scan# 2754

Delta R.T. -0.00 min

Lab File: VN051285.D

Acq: 18 Sep 2018 8:06

Instrument :

MSVOA_N

ClientSampleId :

Tot Ion:164 Resp: 99688

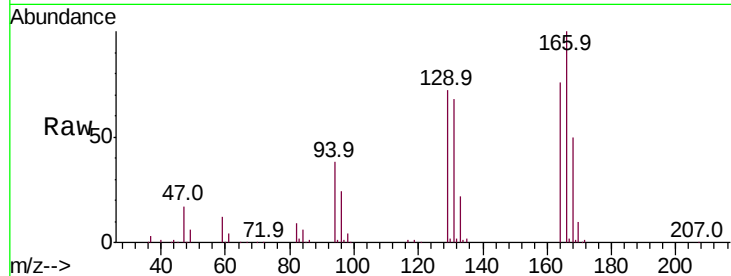
Ion Ratio Lower Upper

164 100

166 131.4 100.6 151.0

129 94.6 71.0 106.6

131 90.0 69.3 103.9

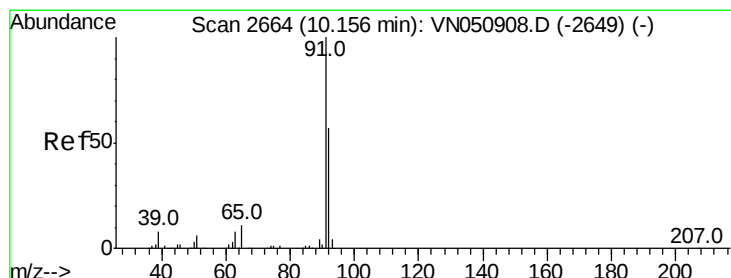
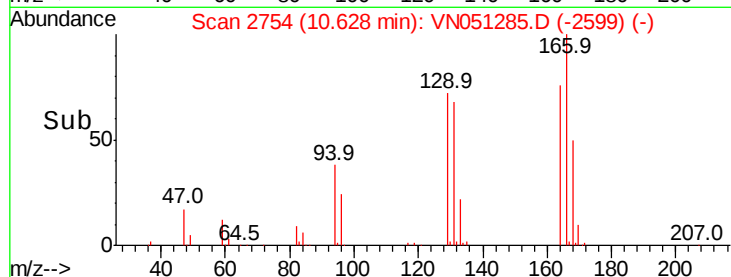
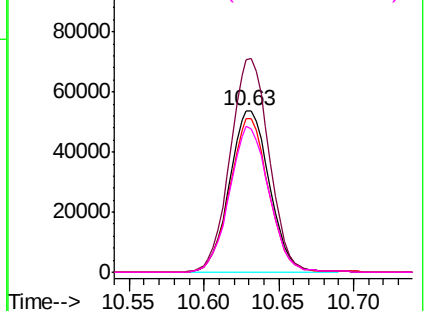


Abundance Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V



#62

Toluene

Concen: 17.386 ug/l

RT: 10.15 min Scan# 2606

Delta R.T. -0.00 min

Lab File: VN051285.D

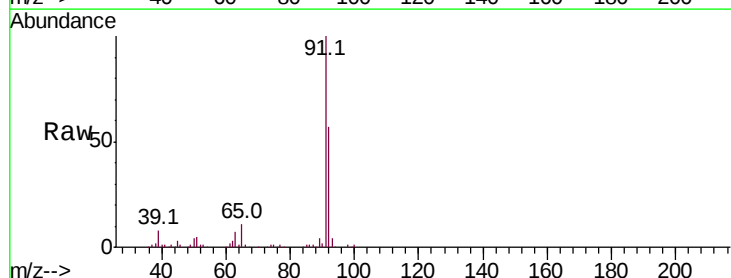
Acq: 18 Sep 2018 8:06

Tgt Ion: 91 Resp: 426378

Ion Ratio Lower Upper

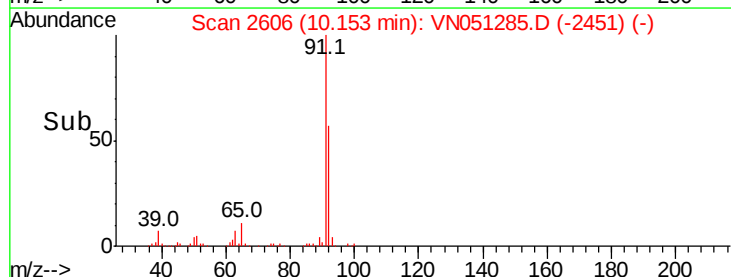
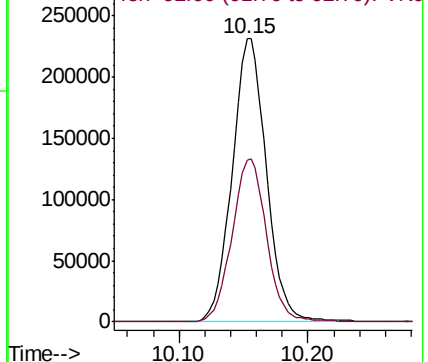
91 100

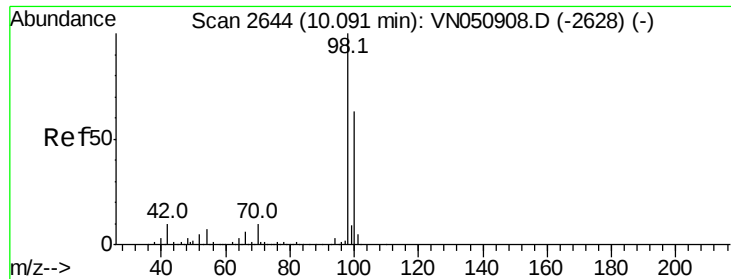
92 58.1 45.8 68.8



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 92.00 (91.70 to 92.70): V





#63

Toluene-d8

Concen: 31.085 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. -0.00 min

Lab File: VN051285.D

Acq: 18 Sep 2018 8:06

Instrument :

MSVOA_N

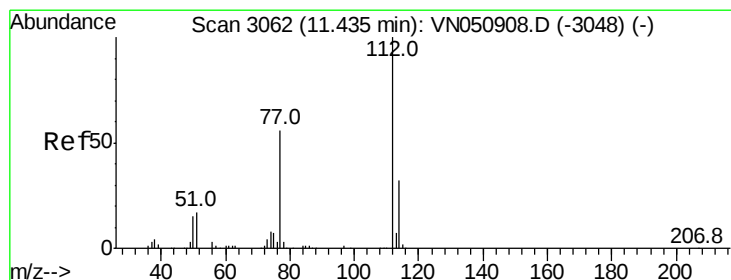
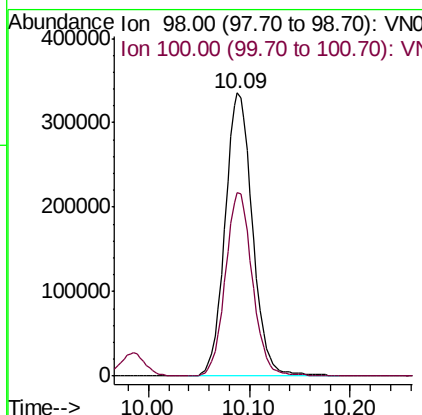
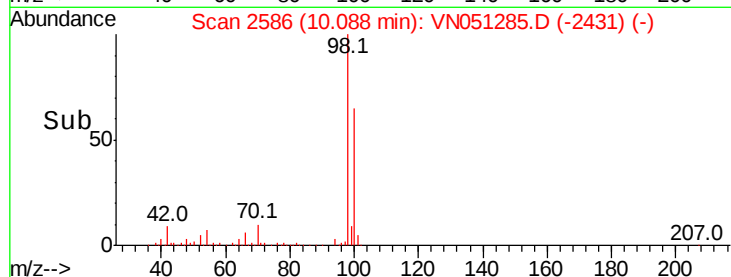
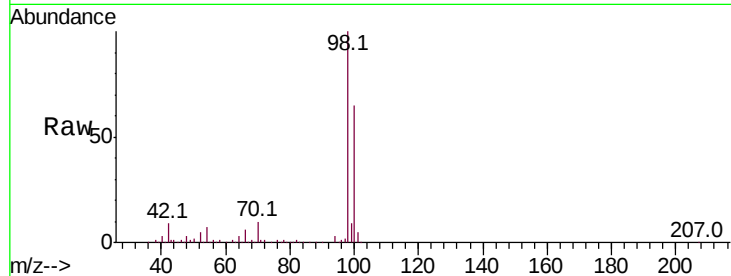
ClientSampleId :

Tot Ion: 98 Resp: 637214

Ion Ratio Lower Upper

98 100

100 63.9 50.6 75.8



#64

Chlorobenzene

Concen: 17.000 ug/l

RT: 11.43 min Scan# 3004

Delta R.T. -0.00 min

Lab File: VN051285.D

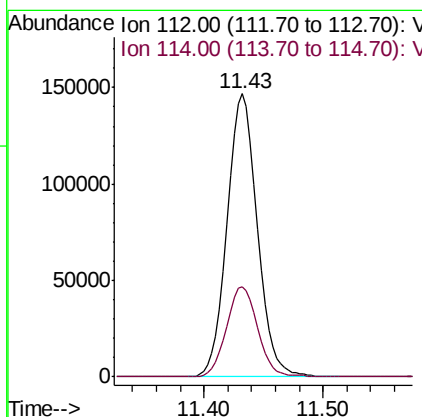
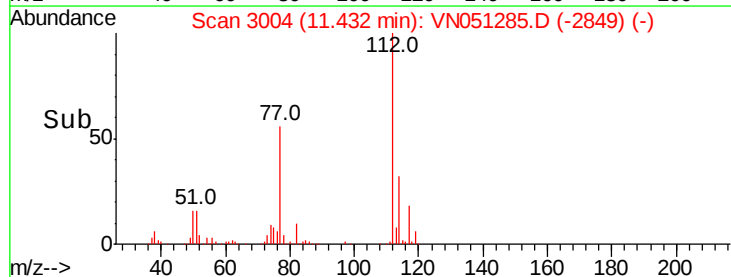
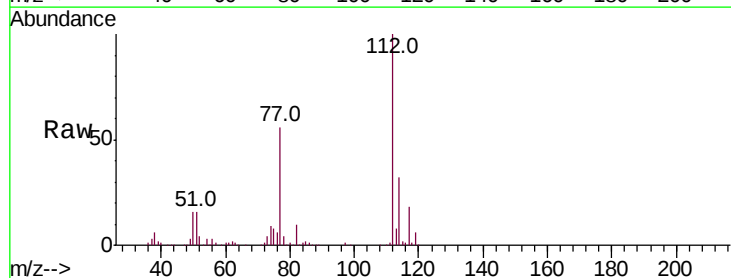
Acq: 18 Sep 2018 8:06

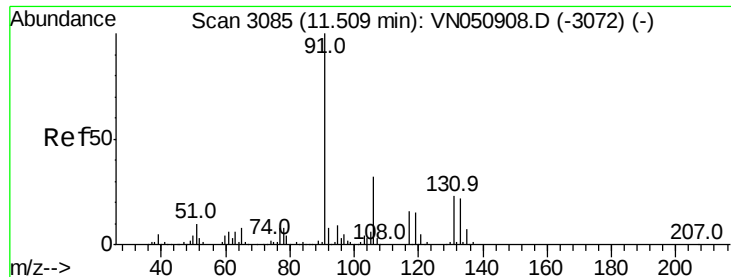
Tgt Ion: 112 Resp: 258387

Ion Ratio Lower Upper

112 100

114 31.9 25.5 38.3





#65

1,1,1,2-Tetrachloroethane

Concen: 18.032 ug/l

RT: 11.51 min Scan# 3028

Delta R.T. 0.00 min

Lab File: VN051285.D

Acq: 18 Sep 2018 8:06

Instrument :

MSVOA_N

ClientSampled :

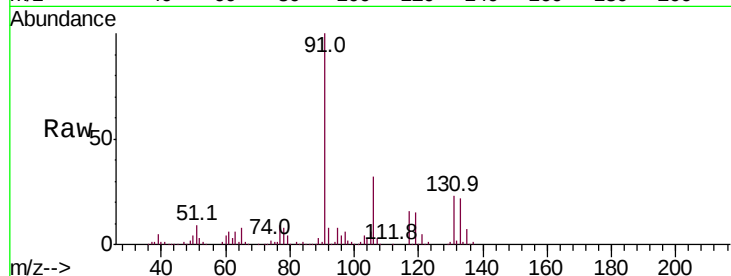
Tot Ion:131 Resp: 103481

Ion Ratio Lower Upper

131 100

133 94.1 0.0 189.4

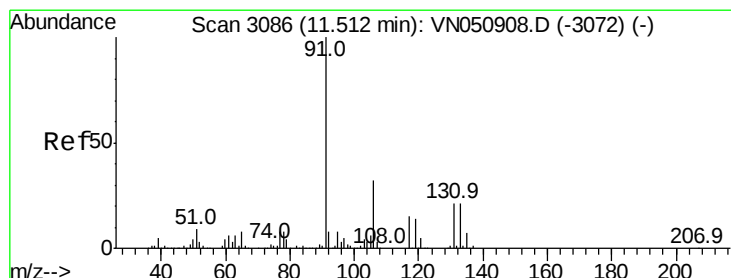
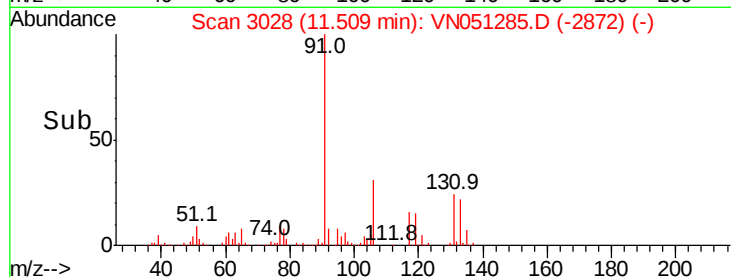
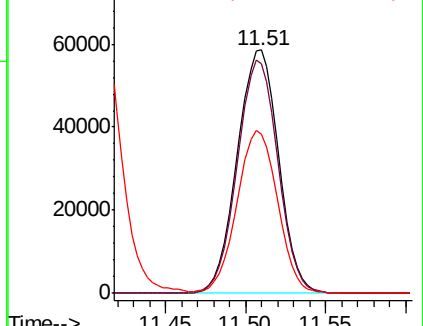
119 65.7 0.0 132.2



Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V



#66

Ethyl Benzene

Concen: 16.425 ug/l

RT: 11.51 min Scan# 3028

Delta R.T. -0.00 min

Lab File: VN051285.D

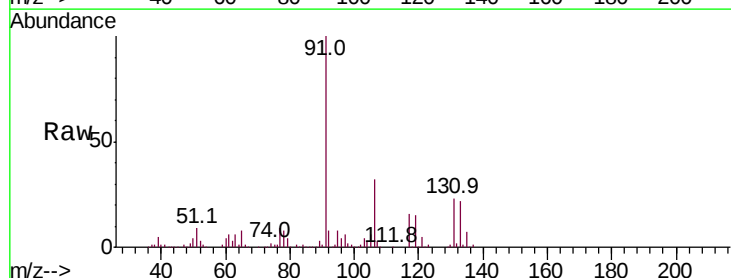
Acq: 18 Sep 2018 8:06

Tgt Ion: 91 Resp: 417239

Ion Ratio Lower Upper

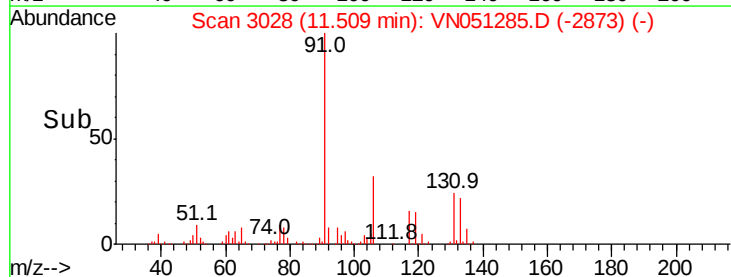
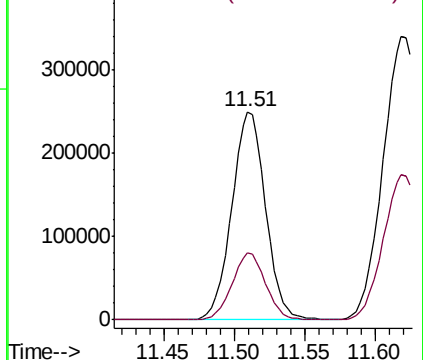
91 100

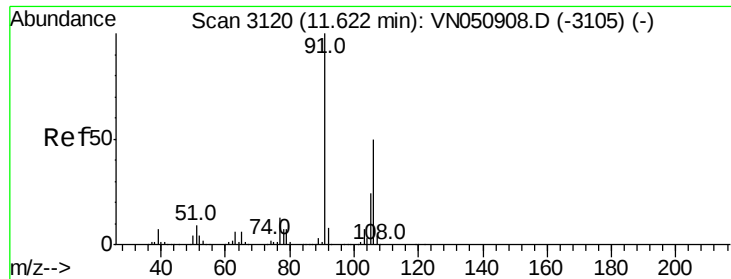
106 32.2 25.7 38.5



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 106.00 (105.70 to 106.70): V

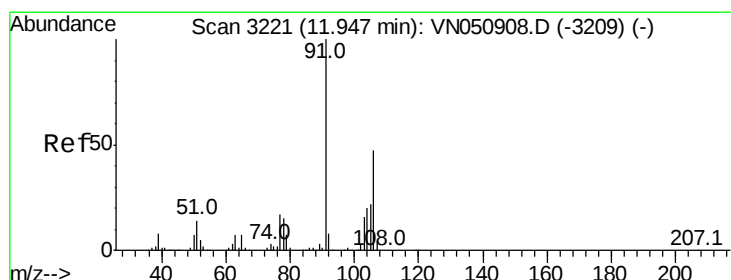
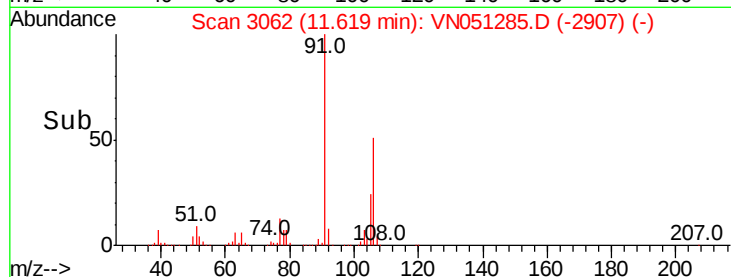
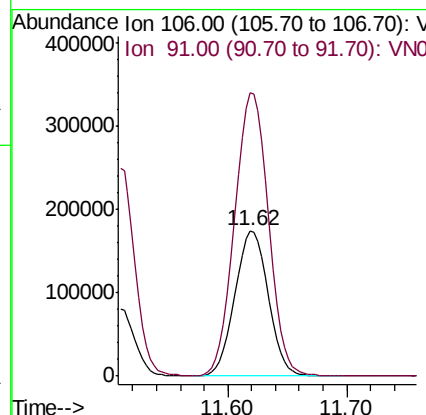
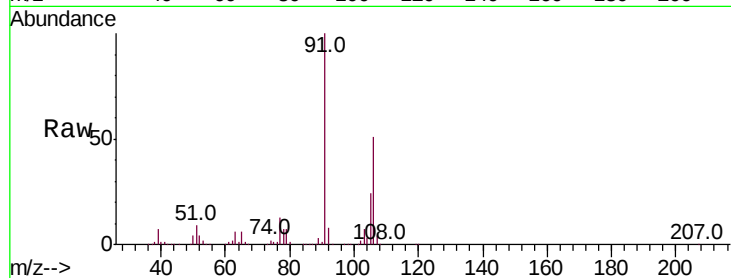




#67
m/p-Xylenes
Concen: 34.783 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN051285.D
Acq: 18 Sep 2018 8:06

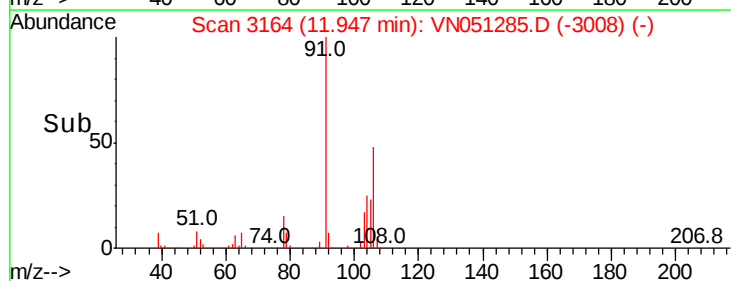
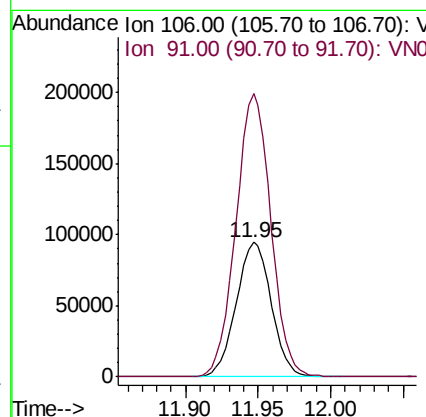
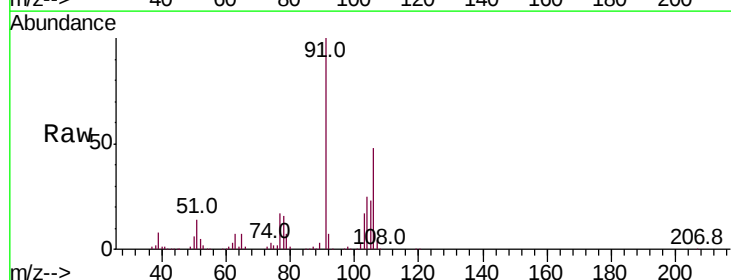
Instrument :
MSVOA_N
ClientSampleId :

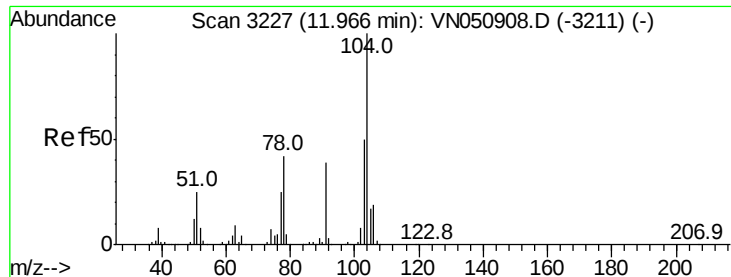
Tot Ion:106 Resp: 339957
Ion Ratio Lower Upper
106 100
91 197.1 160.6 241.0



#68
o-Xylene
Concen: 17.022 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN051285.D
Acq: 18 Sep 2018 8:06

Tgt Ion:106 Resp: 158963
Ion Ratio Lower Upper
106 100
91 209.6 106.4 319.2

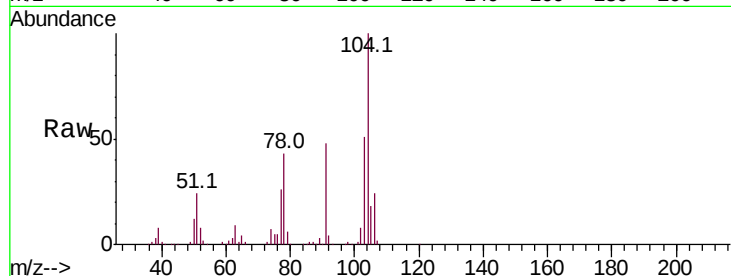




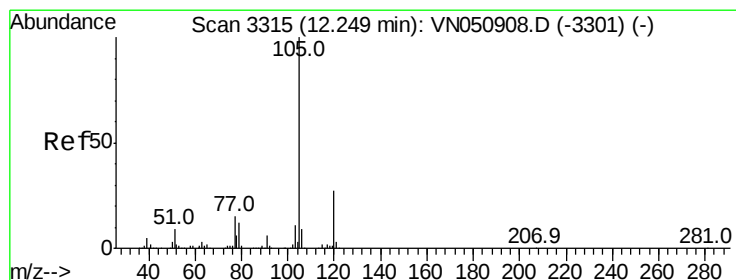
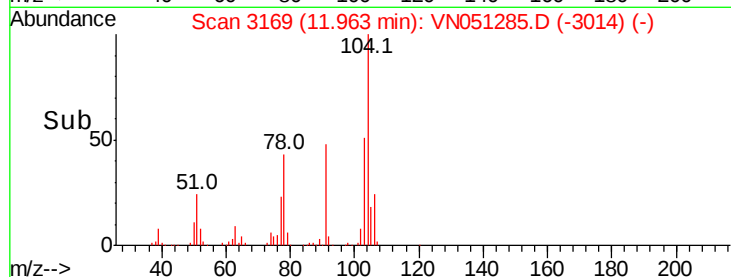
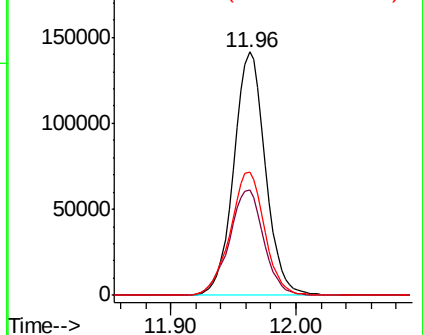
#69
Stvrene
Concen: 16.665 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. -0.00 min
Lab File: VN051285.D
Acq: 18 Sep 2018 8:06

Instrument :
MSVOA_N
ClientSampled :

Tot Ion	Ratio	Lower	Upper
104	100		
78	47.3	38.6	58.0
103	55.0	45.4	68.2

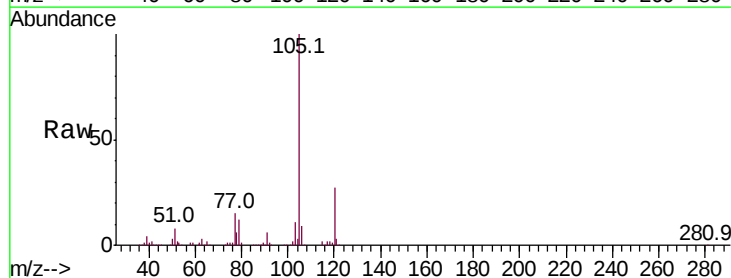


Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VN
Ion 103.00 (102.70 to 103.70): V

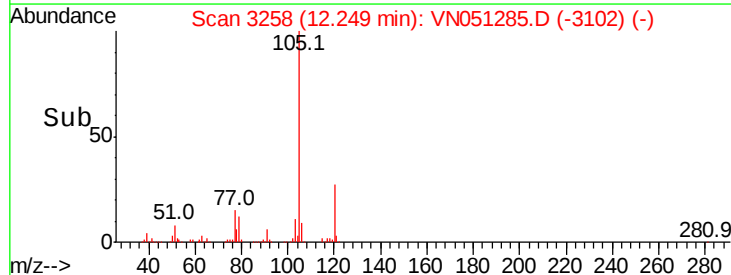
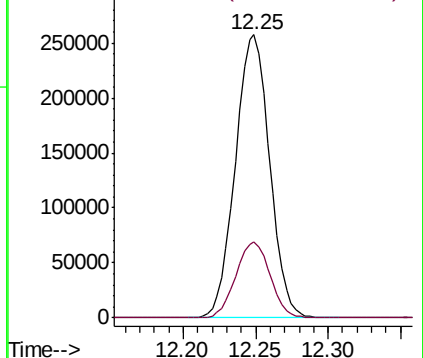


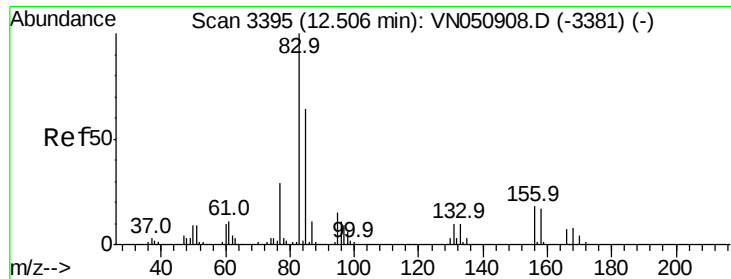
#70
Isopropylbenzene
Concen: 17.053 ug/l
RT: 12.25 min Scan# 3258
Delta R.T. 0.00 min
Lab File: VN051285.D
Acq: 18 Sep 2018 8:06

Tgt Ion	Ratio	Lower	Upper
105	100		
120	26.8	18.6	34.6



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#71

1,1,2,2-Tetrachloroethane

Concen: 14.251 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. -0.00 min

Lab File: VN051285.D

Acq: 18 Sep 2018 8:06

Instrument :

MSVOA_N

ClientSampled :

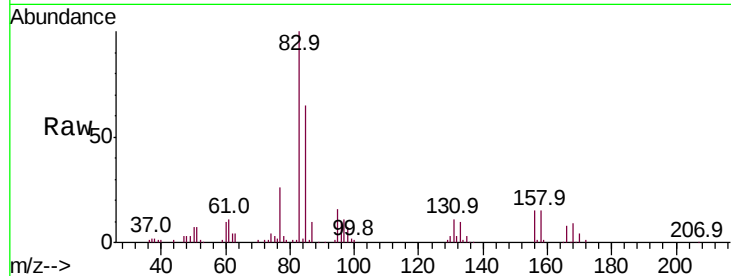
Tot Ion: 83 Resp: 95749

Ion Ratio Lower Upper

83 100

131 11.2 5.3 15.9

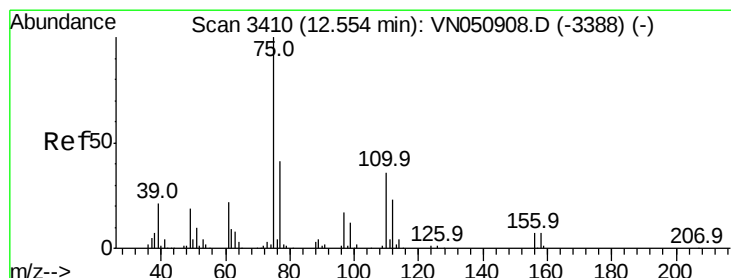
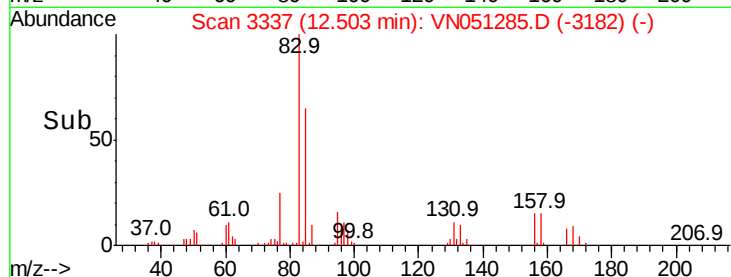
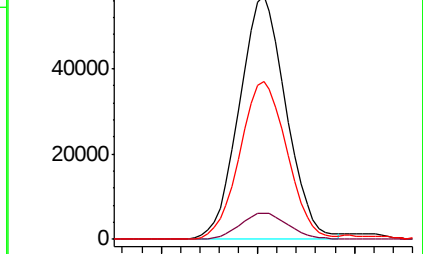
85 65.4 32.3 96.9



Abundance Ion 83.00 (82.70 to 83.70): VN050908.D (-3381) (-)

Ion 131.00 (130.70 to 131.70): VN050908.D (-3381) (-)

Ion 85.00 (84.70 to 85.70): VN050908.D (-3381) (-)



#72

1,2,3-Trichloropropane

Concen: 18.768 ug/l

RT: 12.55 min Scan# 3352

Delta R.T. -0.00 min

Lab File: VN051285.D

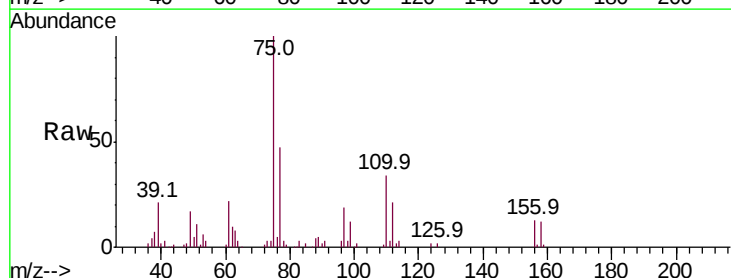
Acq: 18 Sep 2018 8:06

Tgt Ion: 75 Resp: 108794

Ion Ratio Lower Upper

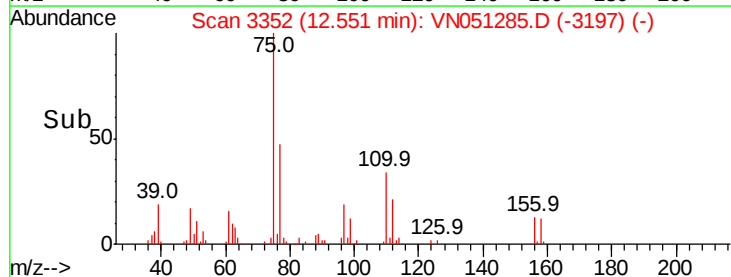
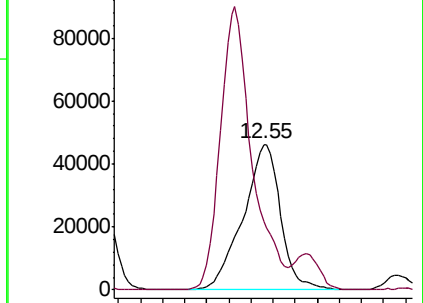
75 100

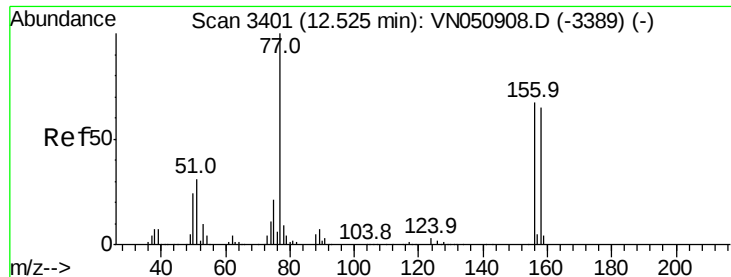
77 165.5 0.0 301.6



Abundance Ion 75.00 (74.70 to 75.70): VN050908.D (-3388) (-)

Ion 77.00 (76.70 to 77.70): VN050908.D (-3388) (-)





#73

Bromobenzene

Concen: 16.346 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN051285.D

Acq: 18 Sep 2018 8:06

Instrument :

MSVOA_N

ClientSampled :

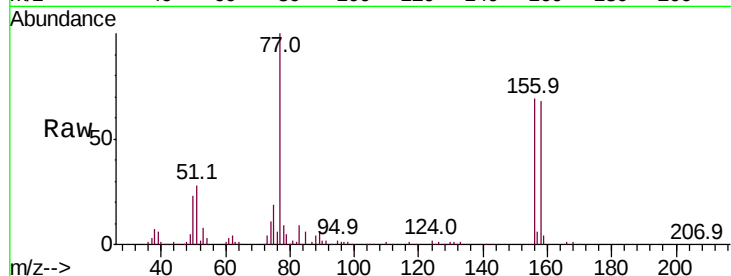
Tot Ion:156 Resp: 106725

Ion Ratio Lower Upper

156 100

77 168.7 0.0 359.4

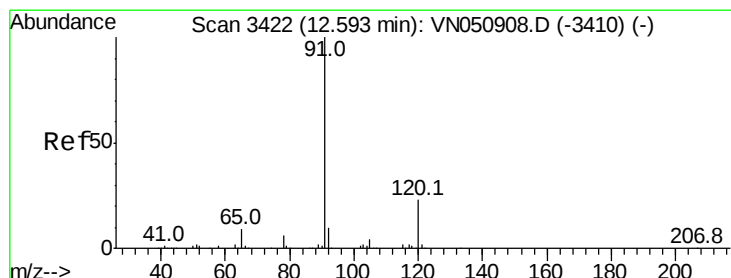
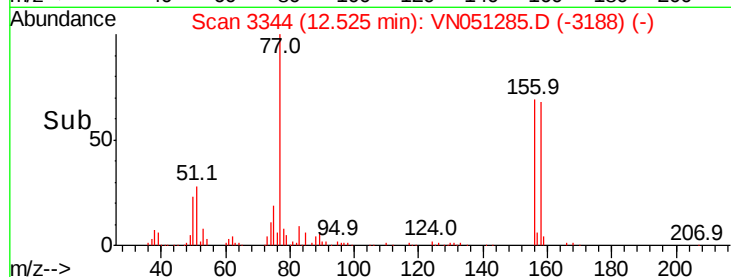
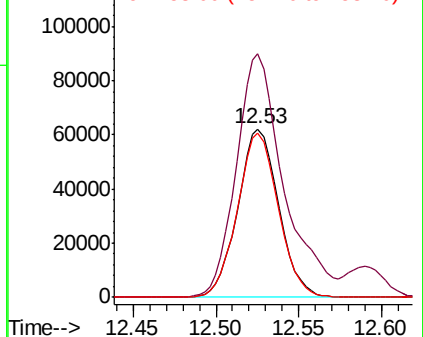
158 97.5 0.0 194.6



Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 158.00 (157.70 to 158.70): V



#74

n-propylbenzene

Concen: 16.085 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. -0.00 min

Lab File: VN051285.D

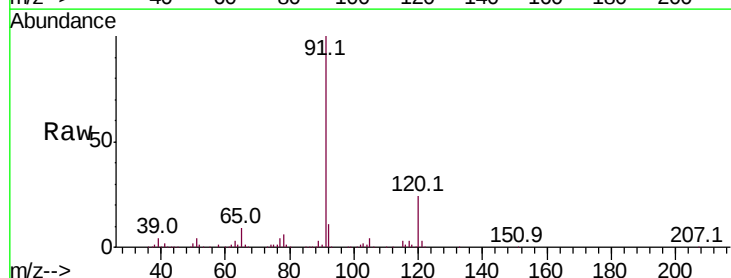
Acq: 18 Sep 2018 8:06

Tgt Ion: 91 Resp: 451272

Ion Ratio Lower Upper

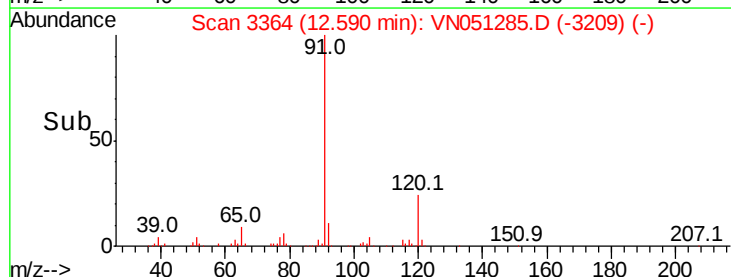
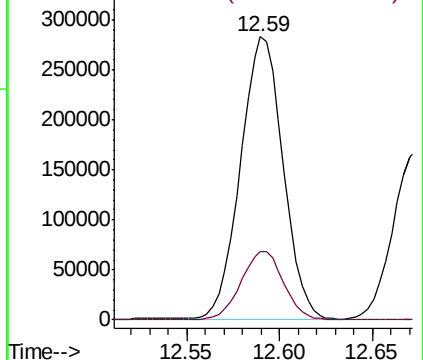
91 100

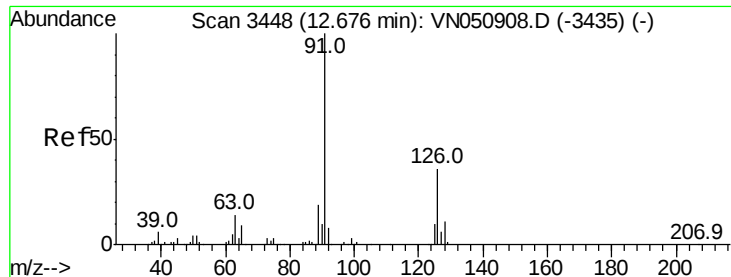
120 24.2 0.0 46.0



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 16.770 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. -0.00 min

Lab File: VN051285.D

Acq: 18 Sep 2018 8:06

Instrument :

MSVOA_N

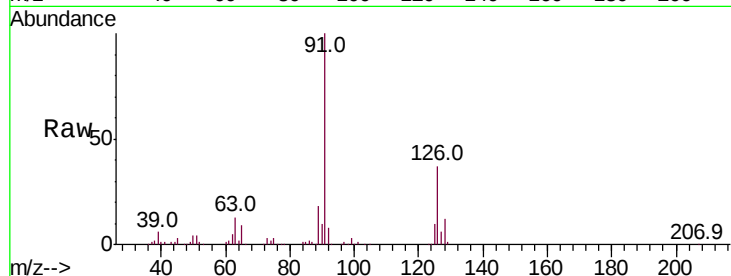
ClientSampled :

Tot Ion: 91 Resp: 285834

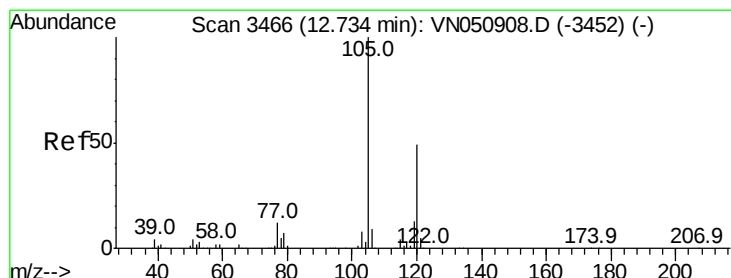
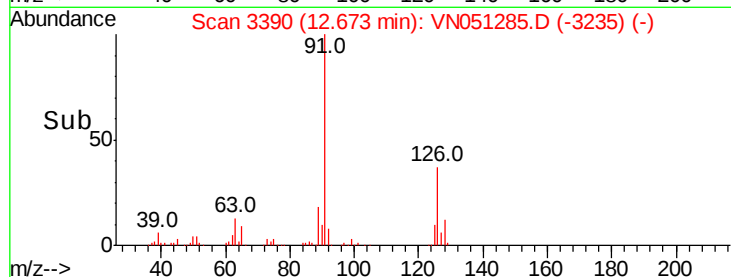
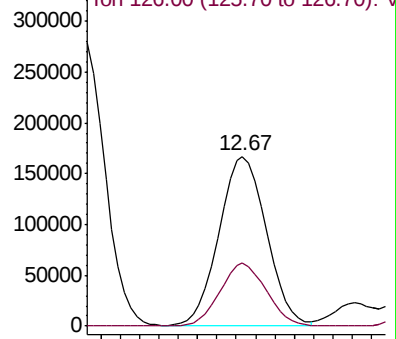
Ion Ratio Lower Upper

91 100

126 36.1 0.0 71.8



Abundance Ion 91.00 (90.70 to 91.70): VN050908.D (-3435) (-)



#76

1,3,5-Trimethylbenzene

Concen: 16.981 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. -0.00 min

Lab File: VN051285.D

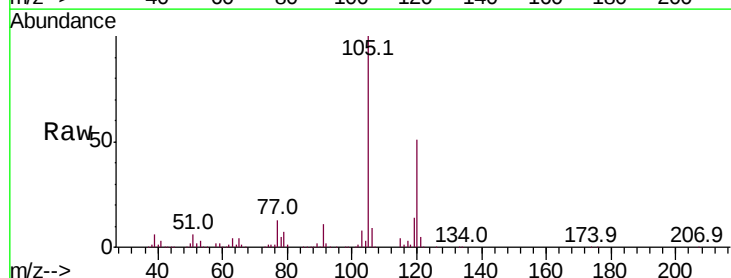
Acq: 18 Sep 2018 8:06

Tgt Ion:105 Resp: 344356

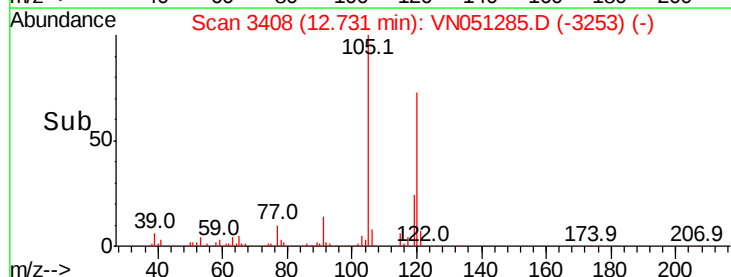
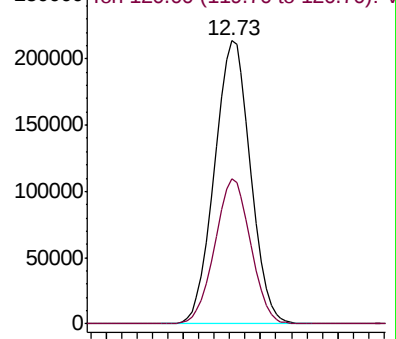
Ion Ratio Lower Upper

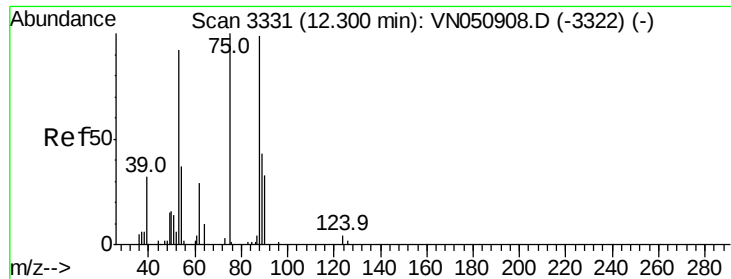
105 100

120 51.0 0.0 99.6



Abundance Ion 105.00 (104.70 to 105.70): VN050908.D (-3452) (-)





#77

t-1,4-Dichloro-2-butene

Concen: 12.063 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. 0.00 min

Lab File: VN051285.D

Acq: 18 Sep 2018 8:06

Instrument :

MSVOA_N

ClientSampled :

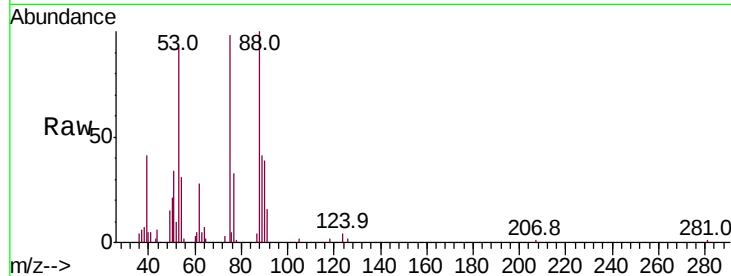
Tot Ion: 75 Resp: 19921

Ion Ratio Lower Upper

75 100

53 93.8 45.5 136.4

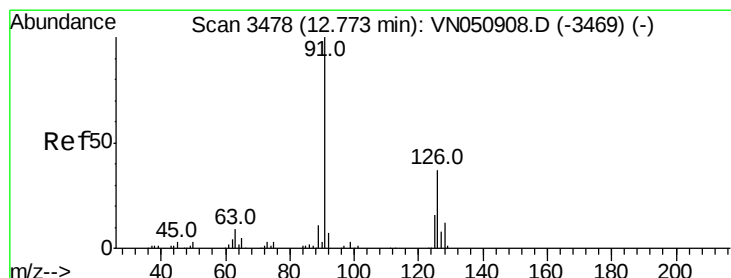
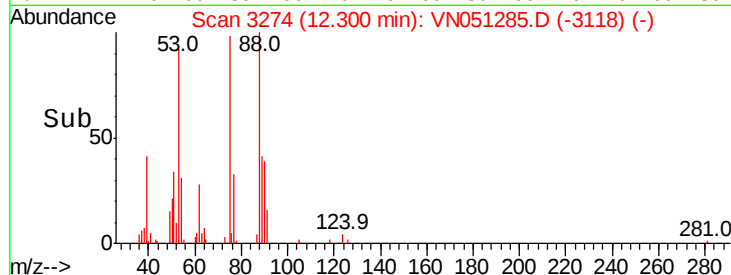
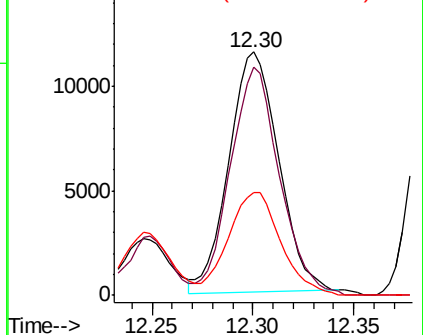
89 43.0 21.9 65.8



Abundance Ion 75.00 (74.70 to 75.70): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 89.00 (88.70 to 89.70): VN0



#78

4-Chlorotoluene

Concen: 15.871 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. 0.00 min

Lab File: VN051285.D

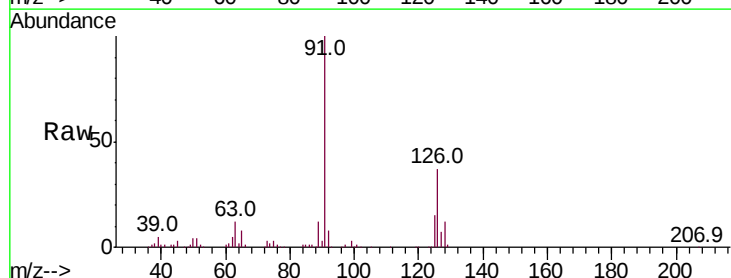
Acq: 18 Sep 2018 8:06

Tgt Ion: 91 Resp: 266359

Ion Ratio Lower Upper

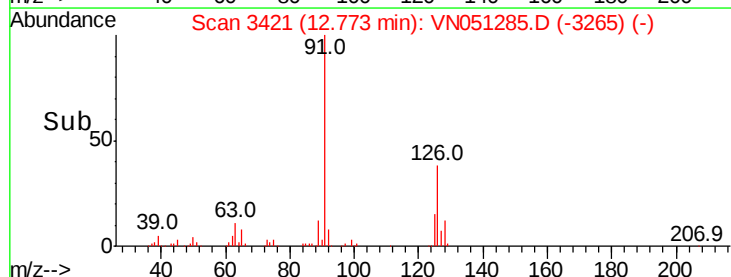
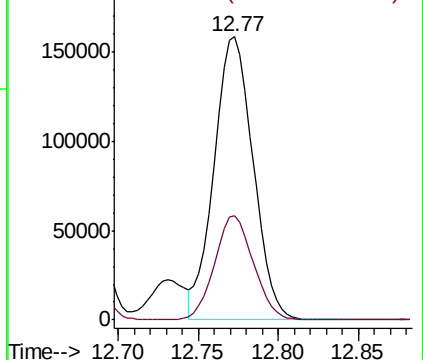
91 100

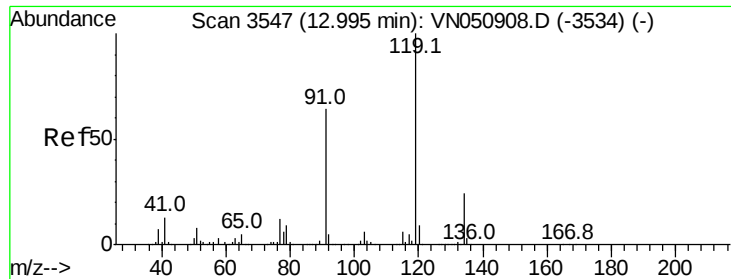
126 36.6 0.0 69.8



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 126.00 (125.70 to 126.70): V





#79

tert-butylbenzene

Concen: 17.061 ug/l

RT: 12.99 min Scan# 3490

Delta R.T. 0.00 min

Lab File: VN051285.D

Acq: 18 Sep 2018 8:06

Instrument :

MSVOA_N

ClientSampled :

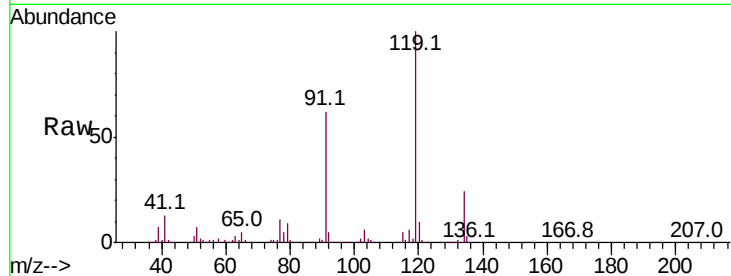
Tot Ion:119 Resp: 300481

Ion Ratio Lower Upper

119 100

91 60.9 0.0 125.6

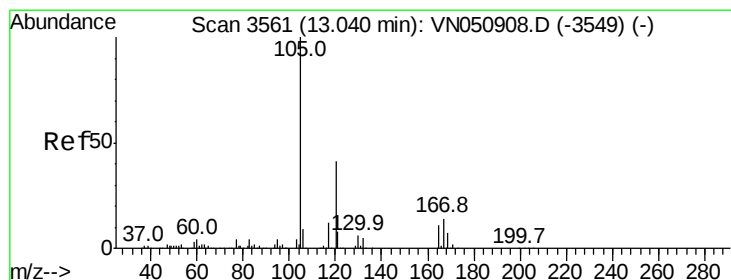
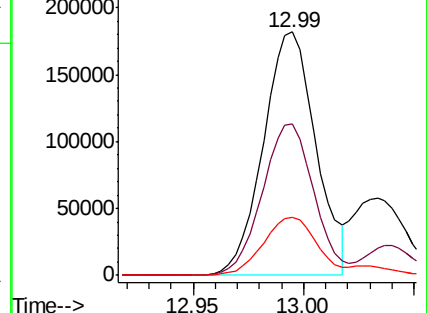
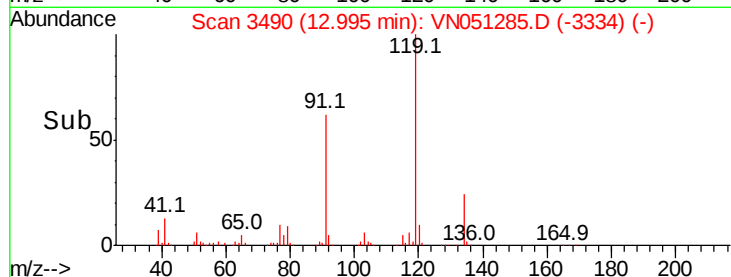
134 24.5 0.0 48.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V



#80

1,2,4-Trimethylbenzene

Concen: 16.569 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. 0.00 min

Lab File: VN051285.D

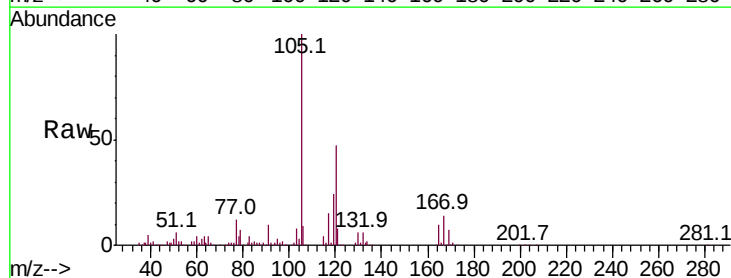
Acq: 18 Sep 2018 8:06

Tgt Ion:105 Resp: 334997

Ion Ratio Lower Upper

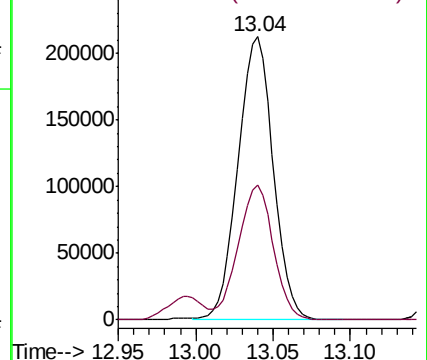
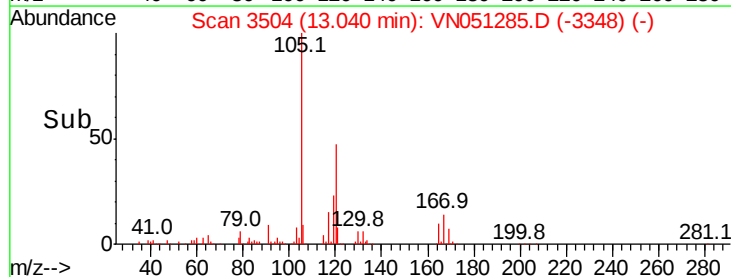
105 100

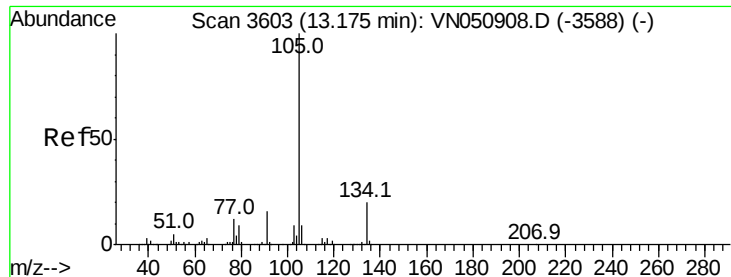
120 47.7 0.0 93.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

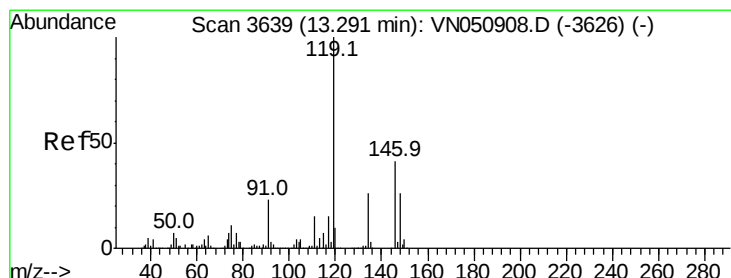
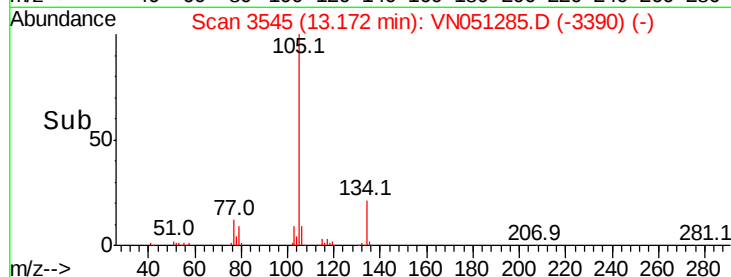
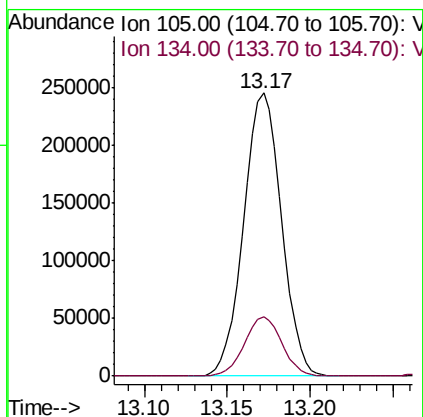
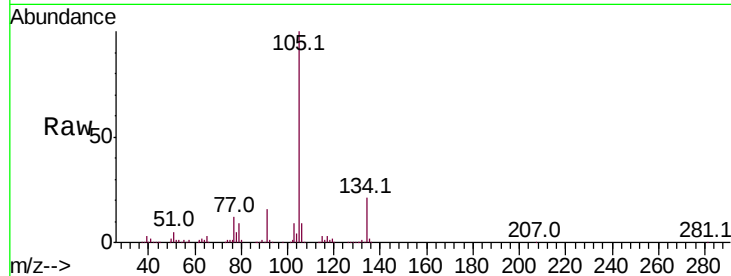




#81
 sec-Butylbenzene
 Concen: 16.826 ug/l
 RT: 13.17 min Scan# 3545
 Delta R.T. -0.00 min
 Lab File: VN051285.D
 Acq: 18 Sep 2018 8:06

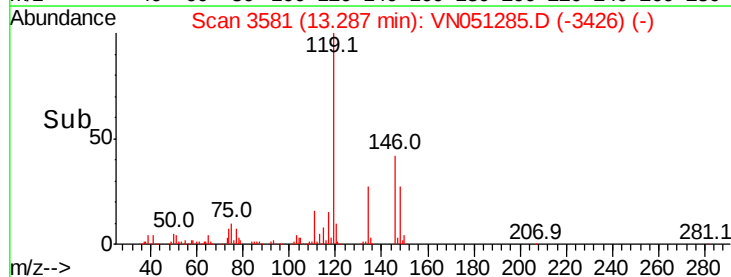
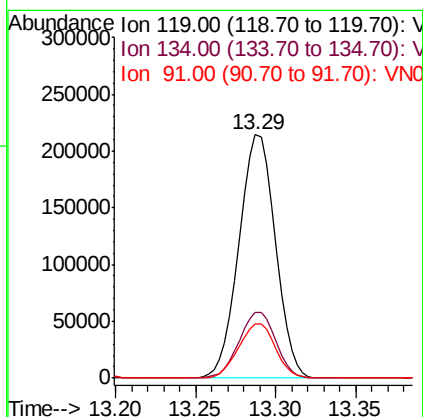
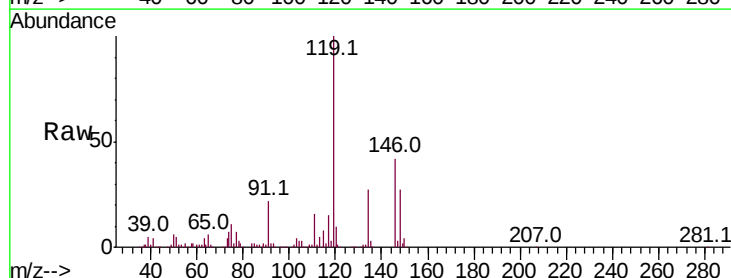
Instrument :
 MSVOA_N
 ClientSampled :

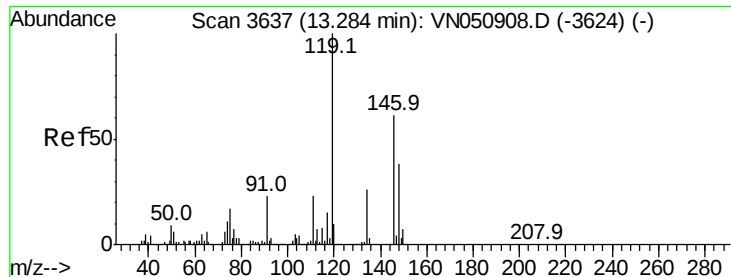
Tot Ion:105 Resp: 387734
 Ion Ratio Lower Upper
 105 100
 134 20.7 0.0 40.8



#82
 p-Isopropyltoluene
 Concen: 16.697 ug/l
 RT: 13.29 min Scan# 3581
 Delta R.T. -0.00 min
 Lab File: VN051285.D
 Acq: 18 Sep 2018 8:06

Tgt Ion:119 Resp: 332116
 Ion Ratio Lower Upper
 119 100
 134 27.1 0.0 53.2
 91 22.5 0.0 46.0





#83

1,3-Dichlorobenzene

Concen: 15.485 ug/l

RT: 13.28 min Scan# 3579

Delta R.T. -0.00 min

Lab File: VN051285.D

Acq: 18 Sep 2018 8:06

Instrument :

MSVOA_N

ClientSampled :

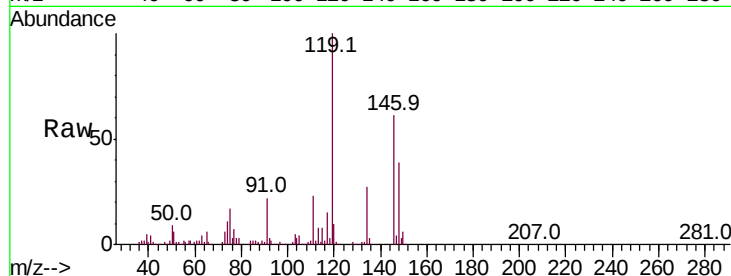
Tot Ion:146 Resp: 170936

Ion Ratio Lower Upper

146 100

111 38.5 18.6 55.6

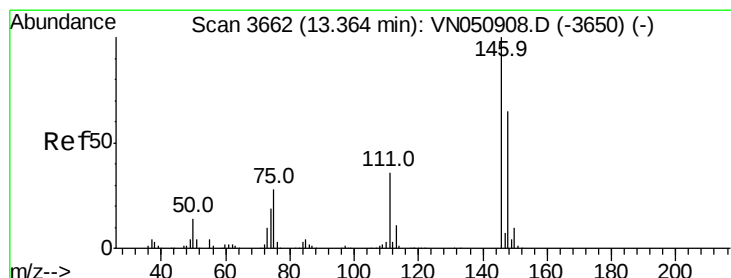
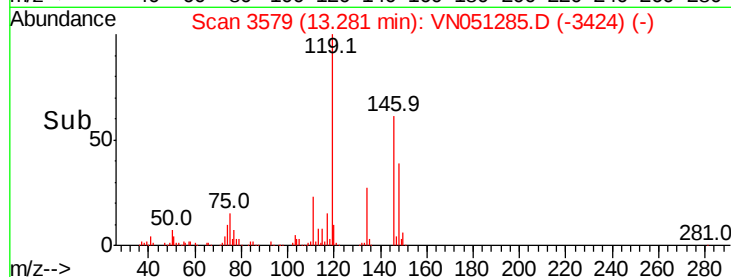
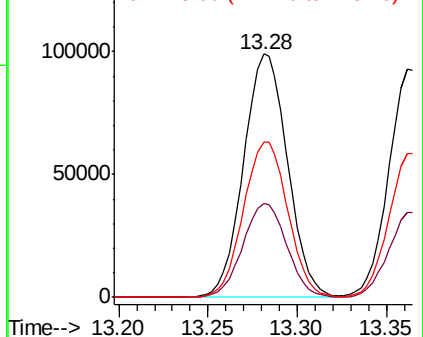
148 64.3 31.8 95.3



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#84

1,4-Dichlorobenzene

Concen: 14.722 ug/l

RT: 13.36 min Scan# 3604

Delta R.T. -0.00 min

Lab File: VN051285.D

Acq: 18 Sep 2018 8:06

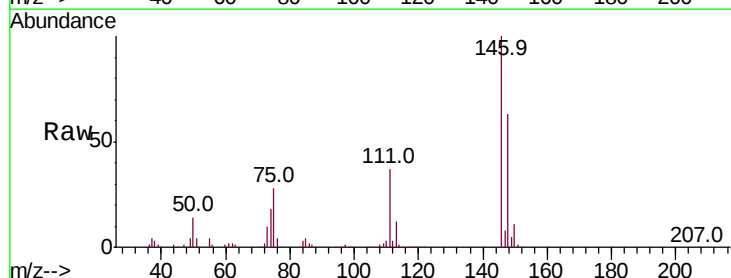
Tgt Ion:146 Resp: 153985

Ion Ratio Lower Upper

146 100

111 37.1 17.7 53.1

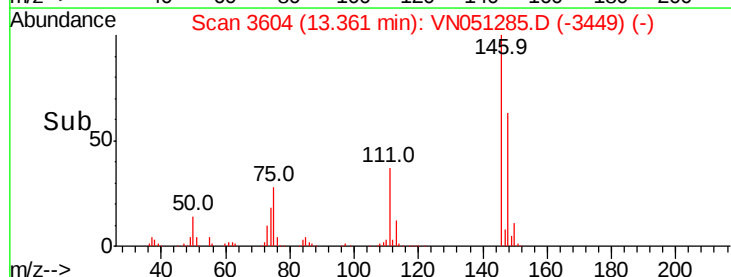
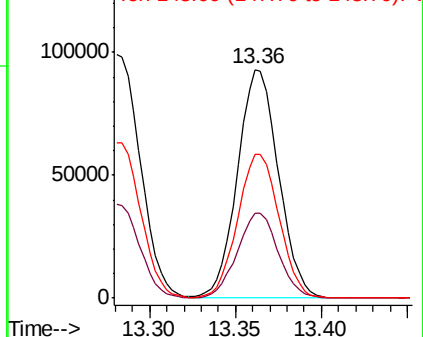
148 63.6 31.6 94.8

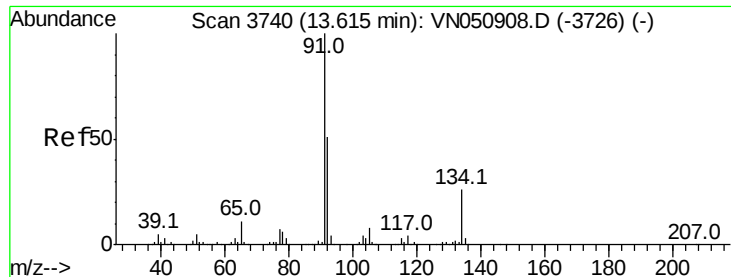


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

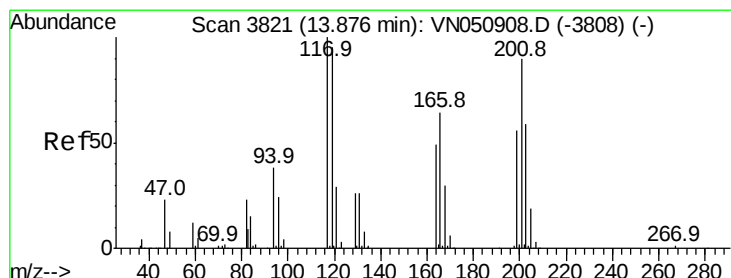
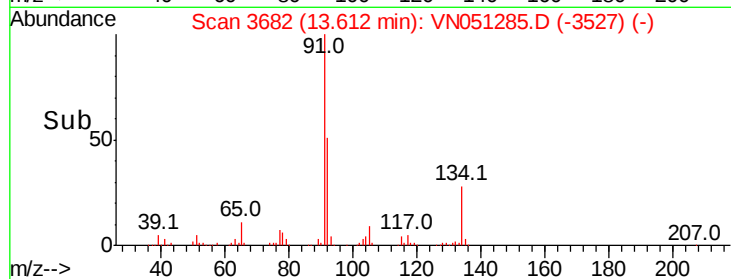
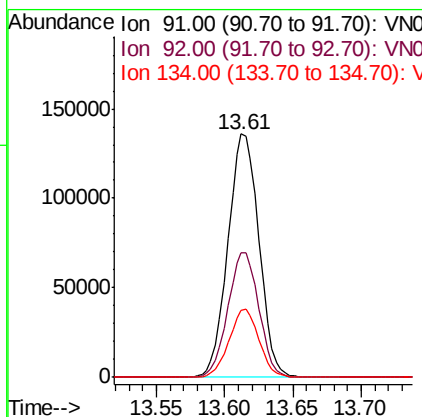
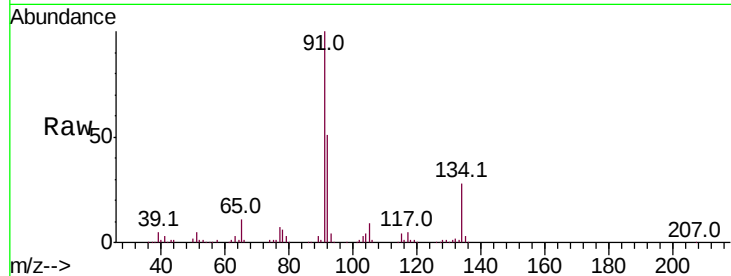




#85
n-Butylbenzene
Concen: 14.167 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. -0.00 min
Lab File: VN051285.D
Acq: 18 Sep 2018 8:06

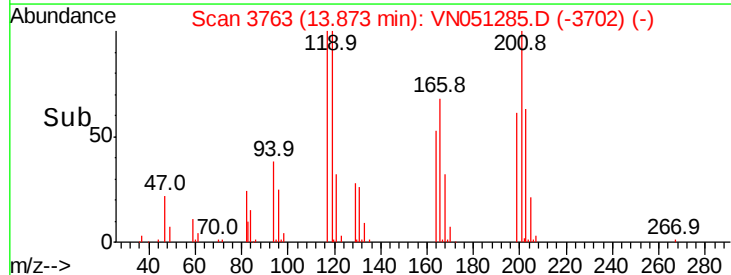
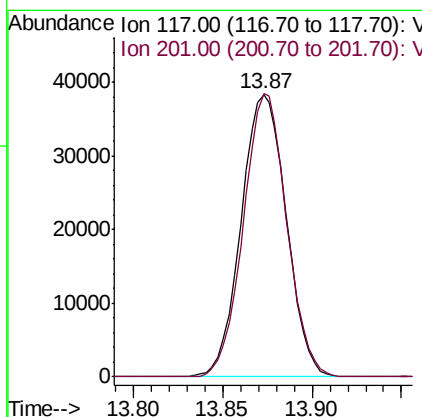
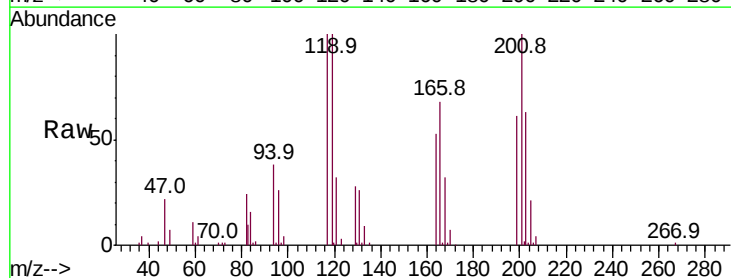
Instrument :
MSVOA_N
ClientSampleId :

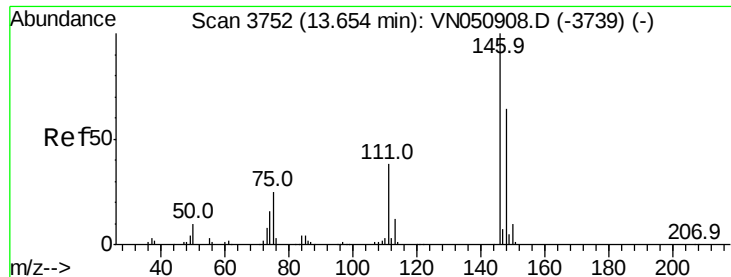
Tot Ion: 91 Resp: 215011
Ion Ratio Lower Upper
91 100
92 50.9 0.0 101.8
134 27.0 0.0 52.2



#86
Hexachloroethane
Concen: 17.745 ug/l
RT: 13.87 min Scan# 3763
Delta R.T. -0.00 min
Lab File: VN051285.D
Acq: 18 Sep 2018 8:06

Tgt Ion: 117 Resp: 67746
Ion Ratio Lower Upper
117 100
201 96.4 45.8 137.4

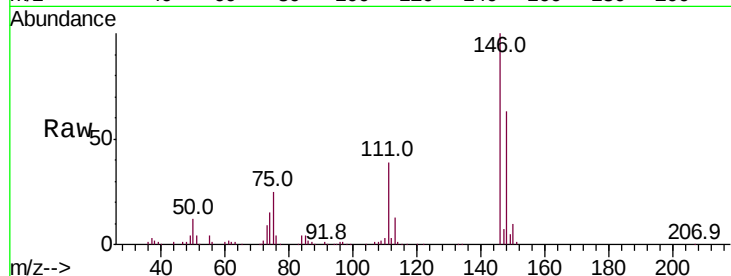




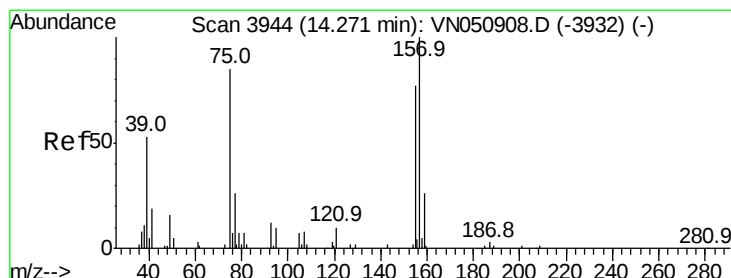
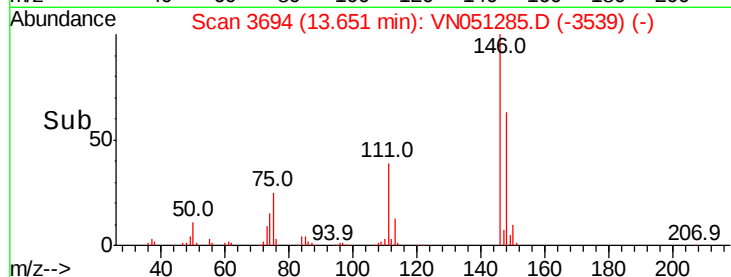
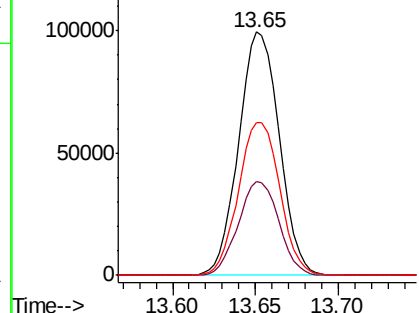
#87
 1,2-Dichlorobenzene
 Concen: 15.587 ug/l
 RT: 13.65 min Scan# 3694
 Delta R.T. -0.00 min
 Lab File: VN051285.D
 Acq: 18 Sep 2018 8:06

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.5	19.1	57.1
148	64.1	31.9	95.9

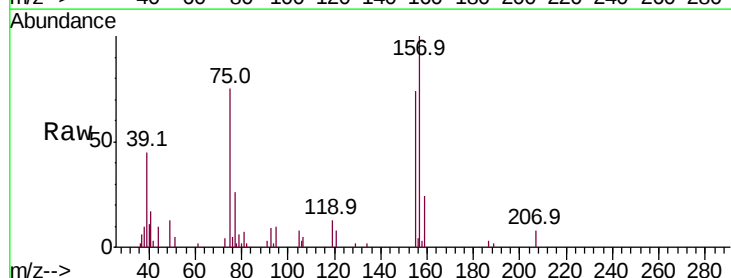


Abundance Ion 146.00 (145.70 to 146.70): V
 Ion 111.00 (110.70 to 111.70): V
 Ion 148.00 (147.70 to 148.70): V

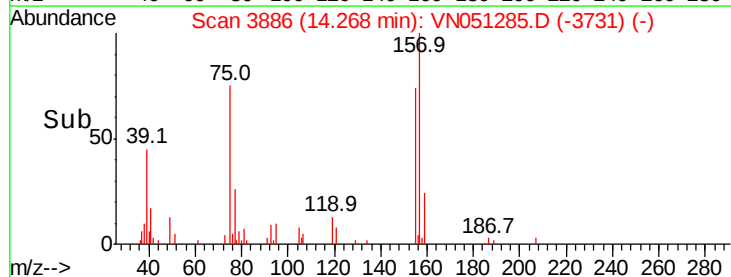
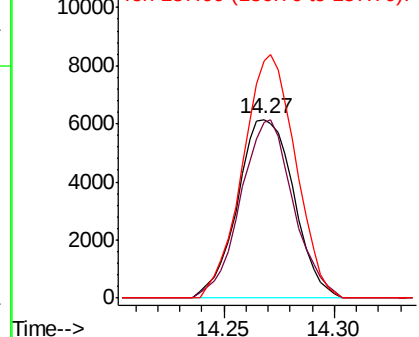


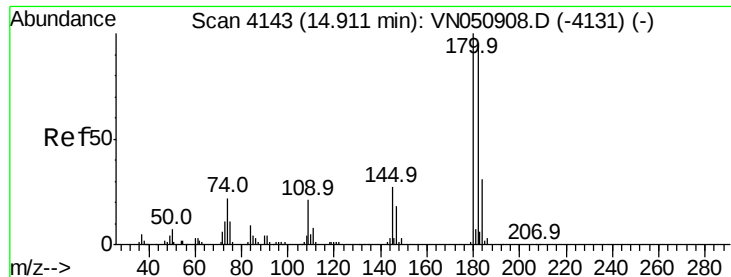
#88
 1,2-Dibromo-3-Chloropropane
 Concen: 11.601 ug/l
 RT: 14.27 min Scan# 3886
 Delta R.T. -0.00 min
 Lab File: VN051285.D
 Acq: 18 Sep 2018 8:06

Tgt Ion	Ratio	Lower	Upper
75	100		
155	93.2	71.8	107.6
157	128.0	91.1	136.7



Abundance Ion 75.00 (74.70 to 75.70): V
 Ion 155.00 (154.70 to 155.70): V
 Ion 157.00 (156.70 to 157.70): V

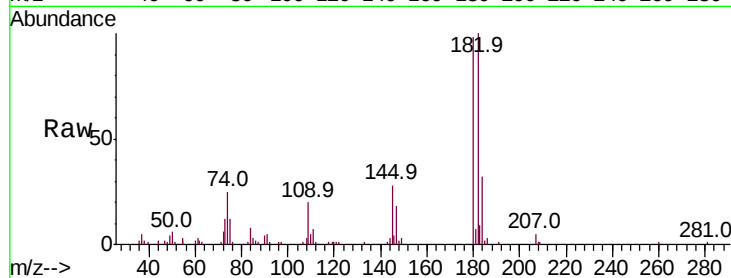




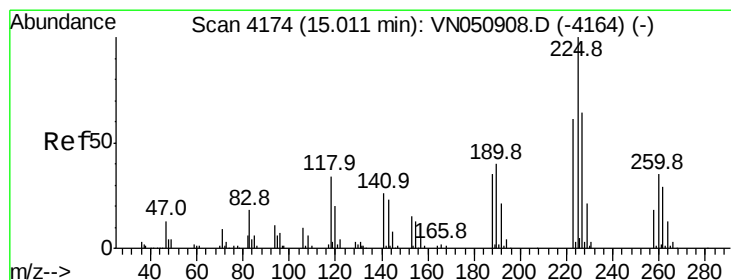
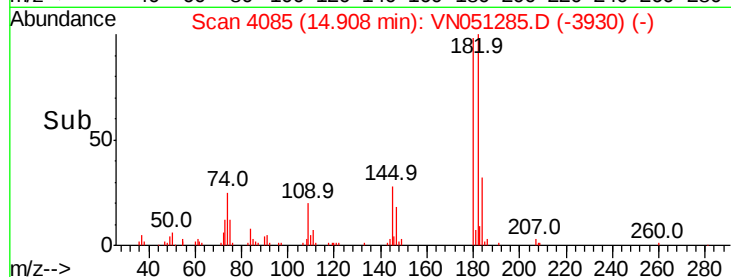
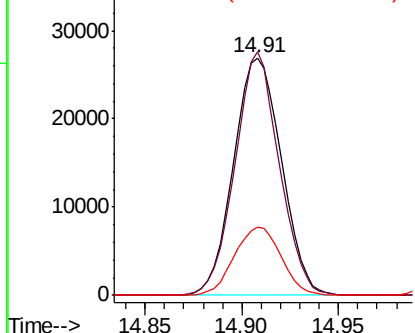
#89
 1,2,4-Trichlorobenzene
 Concen: 9.573 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. -0.00 min
 Lab File: VN051285.D
 Acq: 18 Sep 2018 8:06

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:180 Resp: 46306
 Ion Ratio Lower Upper
 180 100
 182 94.8 76.2 114.4
 145 28.1 22.2 33.4

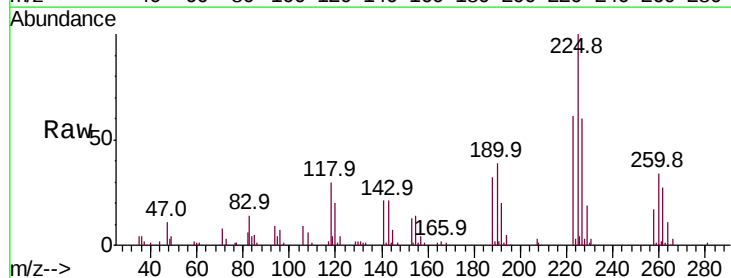


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 145.00 (144.70 to 145.70): V

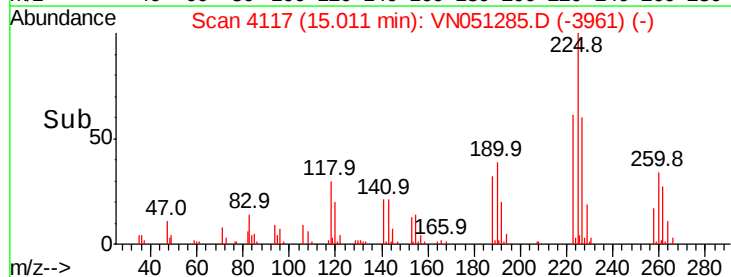
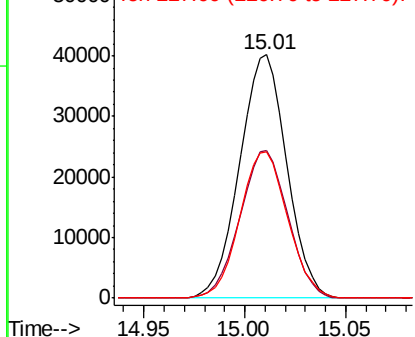


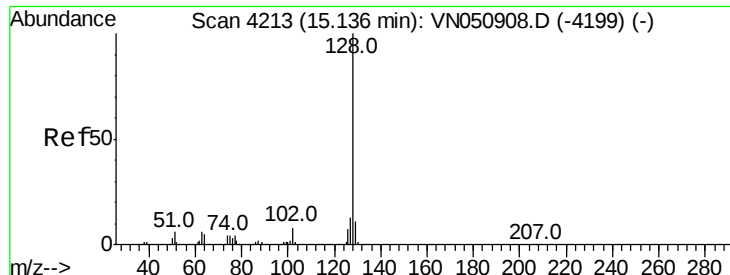
#90
 Hexachlorobutadiene
 Concen: 20.030 ug/l
 RT: 15.01 min Scan# 4117
 Delta R.T. 0.00 min
 Lab File: VN051285.D
 Acq: 18 Sep 2018 8:06

Tgt Ion:225 Resp: 65827
 Ion Ratio Lower Upper
 225 100
 223 61.5 0.0 127.8
 227 61.0 0.0 128.4



Abundance Ion 225.00 (224.70 to 225.70): V
 Ion 223.00 (222.70 to 223.70): V
 Ion 227.00 (226.70 to 227.70): V





#91

Naphthalene

Concen: 13.635 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. -0.00 min

Lab File: VN051285.D

Acq: 18 Sep 2018 8:06

Instrument :

MSVOA_N

ClientSampled :

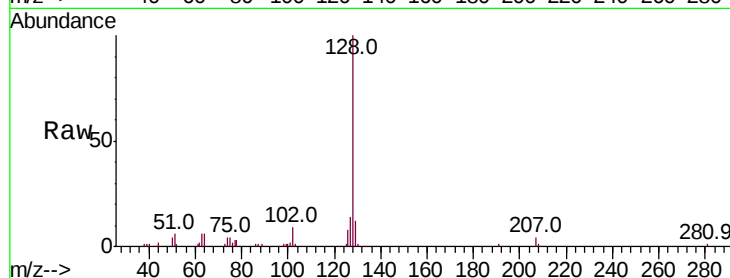
Tot Ion:128 Resp: 76469

Ion Ratio Lower Upper

128 100

127 13.6 10.6 16.0

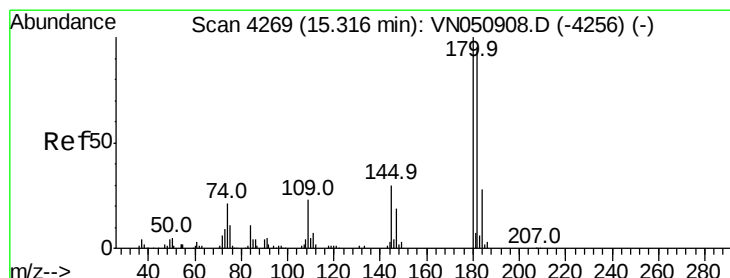
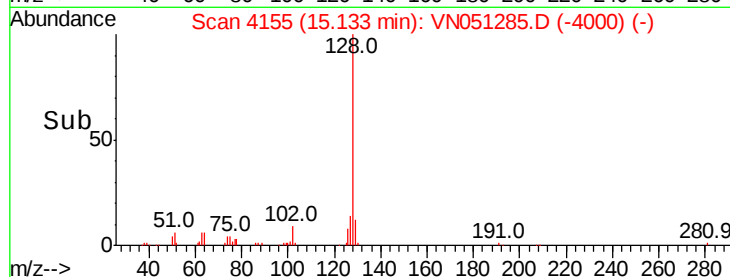
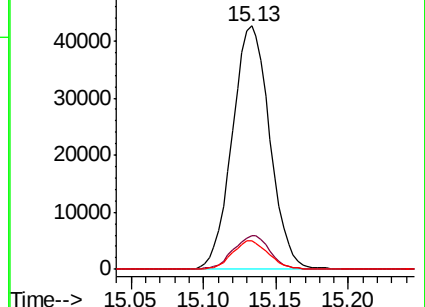
129 11.4 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#92

1,2,3-Trichlorobenzene

Concen: 10.982 ug/l

RT: 15.31 min Scan# 4211

Delta R.T. -0.00 min

Lab File: VN051285.D

Acq: 18 Sep 2018 8:06

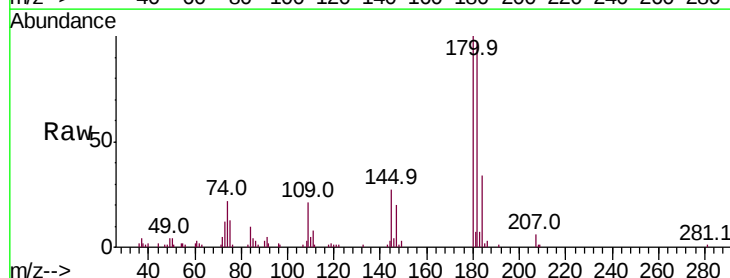
Tgt Ion:180 Resp: 53304

Ion Ratio Lower Upper

180 100

182 95.0 0.0 192.8

145 27.7 0.0 60.0



Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V

