

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN012720\
 Data File : VN059885.D
 Acq On : 27 Jan 2020 20:09
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jan 27 23:13:20 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N011320W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jan 18 03:09:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	208424	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	325450	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	293792	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	144816	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.00	65	117095	50.59	ug/l	0.00
Spiked Amount			Recovery	=	101.18%	
35) Dibromofluoromethane	7.56	113	100110	51.58	ug/l	0.00
Spiked Amount			Recovery	=	103.16%	
50) Toluene-d8	10.08	98	375851	49.98	ug/l	0.00
Spiked Amount			Recovery	=	99.96%	
62) 4-Bromofluorobenzene	12.40	95	139059	51.30	ug/l	0.00
Spiked Amount			Recovery	=	102.60%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	112927	45.913	ug/l	99
3) Chloromethane	2.04	50	105065	44.030	ug/l	100
4) Vinyl Chloride	2.17	62	138107	50.585	ug/l	97
5) Bromomethane	2.53	94	82089	49.268	ug/l	100
6) Chloroethane	2.68	64	65226	50.497	ug/l	98
7) Trichlorofluoromethane	3.00	101	166571	50.802	ug/l	100
8) Diethyl Ether	3.38	74	58658	50.977	ug/l	82
9) 1,1,2-Trichlorotrifluoroet	3.74	101	96310	52.776	ug/l	93
10) Methyl Iodide	3.93	142	146802	49.768	ug/l	95
11) Tert butyl alcohol	4.73	59	93425	239.766	ug/l	99
12) 1,1-Dichloroethene	3.71	96	93222	48.888	ug/l	88
13) Acrolein	3.58	56	75660	274.304	ug/l	100
14) Allyl chloride	4.29	41	123324	47.982	ug/l #	83
15) Acrylonitrile	4.94	53	228529	257.114	ug/l	100
16) Acetone	3.78	43	198515	251.523	ug/l	95
17) Carbon Disulfide	4.03	76	234727	43.212	ug/l	100
18) Methyl Acetate	4.29	43	140953	52.135	ug/l #	90
19) Methyl tert-butyl Ether	5.00	73	320134	51.492	ug/l	96
20) Methylene Chloride	4.52	84	104582	49.940	ug/l	88
21) trans-1,2-Dichloroethene	5.01	96	99273	48.976	ug/l	88
22) Diisopropyl ether	5.91	45	292477	50.214	ug/l #	97
23) Vinyl Acetate	5.86	43	1144418	253.771	ug/l #	93
24) 1,1-Dichloroethane	5.82	63	177795	49.957	ug/l	98
25) 2-Butanone	6.80	43	294948	225.023	ug/l #	89
26) 2,2-Dichloropropane	6.79	77	165690	48.426	ug/l	95
27) cis-1,2-Dichloroethene	6.80	96	119351	51.194	ug/l	87
28) Bromochloromethane	7.17	49	65703	46.190	ug/l #	72
29) Tetrahydrofuran	7.18	42	192136	236.917	ug/l #	85
30) Chloroform	7.35	83	191390	51.902	ug/l	100
31) Cyclohexane	7.63	56	150696	44.004	ug/l	89
32) 1,1,1-Trichloroethane	7.54	97	173859	50.992	ug/l	95
36) 1,1-Dichloropropene	7.77	75	137905	48.659	ug/l	95
37) Ethyl Acetate	6.90	43	123446	46.440	ug/l #	95
38) Carbon Tetrachloride	7.75	117	156697	50.827	ug/l	98

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.06	83	163061	46.661	ug/l	91
40) Benzene	8.02	78	412528	48.806	ug/l	99
41) Methacrylonitrile	7.18	41	178588	136.399	ug/l #	100
42) 1,2-Dichloroethane	8.10	62	147955	51.627	ug/l	97
43) Isopropyl Acetate	8.14	43	216977	47.456	ug/l #	94
44) Trichloroethene	8.82	130	116162	50.343	ug/l	92
45) 1,2-Dichloropropane	9.10	63	105471	50.427	ug/l	100
46) Dibromomethane	9.19	93	75716	51.319	ug/l	92
47) Bromodichloromethane	9.38	83	154680	52.025	ug/l	99
48) Methyl methacrylate	9.18	41	96440	47.156	ug/l	87
49) 1,4-Dioxane	9.18	88	39425	1053.053	ug/l #	88
51) 4-Methyl-2-Pentanone	9.97	43	636479	240.814	ug/l	94
52) Toluene	10.14	92	270110	50.592	ug/l	98
53) t-1,3-Dichloropropene	10.37	75	169646	51.101	ug/l	100
54) cis-1,3-Dichloropropene	9.82	75	179193	51.300	ug/l	93
55) 1,1,2-Trichloroethane	10.55	97	108593	51.356	ug/l	98
56) Ethyl methacrylate	10.42	69	160381	49.638	ug/l	90
57) 1,3-Dichloropropane	10.70	76	175238	52.200	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.68	63	257294	264.382	ug/l	91
59) 2-Hexanone	10.74	43	463386	237.984	ug/l	93
60) Dibromochloromethane	10.89	129	127835	53.089	ug/l	100
61) 1,2-Dibromoethane	10.99	107	114731	51.768	ug/l	100
64) Tetrachloroethene	10.62	164	103138	43.074	ug/l	95
65) Chlorobenzene	11.43	112	297513	51.521	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.50	131	117299	52.570	ug/l	99
67) Ethyl Benzene	11.50	91	530474	50.605	ug/l	97
68) m/p-Xylenes	11.62	106	404034	102.035	ug/l	94
69) o-Xylene	11.94	106	196401	50.663	ug/l	95
70) Styrene	11.96	104	326937	50.399	ug/l	97
71) Bromoform	12.12	173	97268	54.422	ug/l #	97
73) Isopropylbenzene	12.24	105	531108	50.007	ug/l	99
74) N-amyl acetate	12.06	43	191979	46.584	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.50	83	158931	51.619	ug/l	98
76) 1,2,3-Trichloropropane	12.55	75	204540	83.927	ug/l #	100
77) Bromobenzene	12.52	156	136524	50.760	ug/l	81
78) n-propylbenzene	12.59	91	593275	49.768	ug/l	96
79) 2-Chlorotoluene	12.67	91	348788	49.183	ug/l	94
80) 1,3,5-Trimethylbenzene	12.73	105	445998	49.932	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.29	75	55297	48.726	ug/l	95
82) 4-Chlorotoluene	12.77	91	361181	50.778	ug/l	96
83) tert-Butylbenzene	12.99	119	390361	50.531	ug/l	95
84) 1,2,4-Trimethylbenzene	13.04	105	444612	50.315	ug/l	98
85) sec-Butylbenzene	13.17	105	510018	50.250	ug/l	99
86) p-Isopropyltoluene	13.28	119	469872	50.032	ug/l	97
87) 1,3-Dichlorobenzene	13.28	146	240260	51.426	ug/l	98
88) 1,4-Dichlorobenzene	13.36	146	237632	50.986	ug/l	98
89) n-Butylbenzene	13.61	91	404988	50.576	ug/l	98
90) Hexachloroethane	13.87	117	88876	50.581	ug/l	87
91) 1,2-Dichlorobenzene	13.65	146	234527	50.777	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.27	75	31291	47.233	ug/l	77

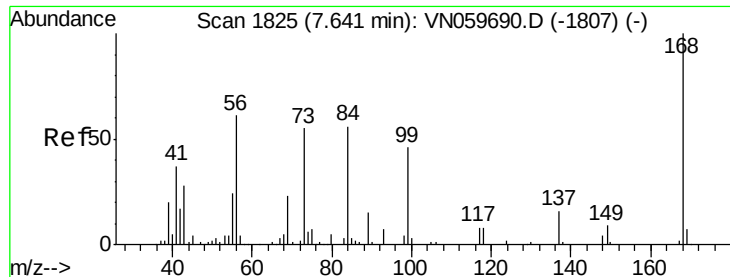
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.90	180	140015	50.450	ug/l	99
94) Hexachlorobutadiene	15.01	225	74355	48.618	ug/l	99
95) Naphthalene	15.13	128	391991	49.657	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	134713	49.868	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. 0.00 min

Lab File: VN059885.D

Acq: 27 Jan 2020 20:09

Instrument :

MSVOA_N

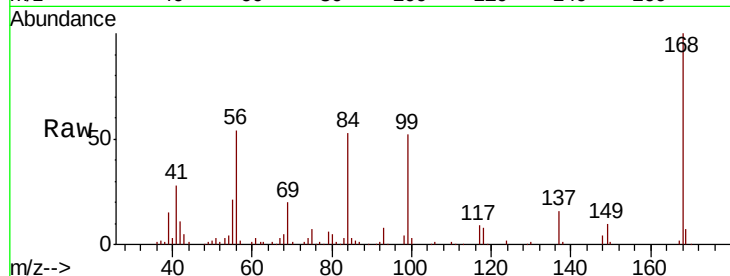
ClientSampleId :

Tot Ion:168 Resp: 208424

Ion Ratio Lower Upper

168 100

99 51.7 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.64

80000

60000

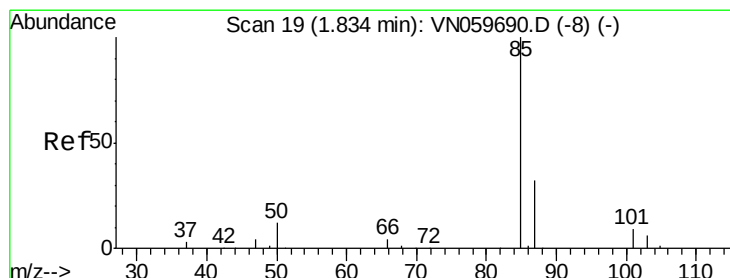
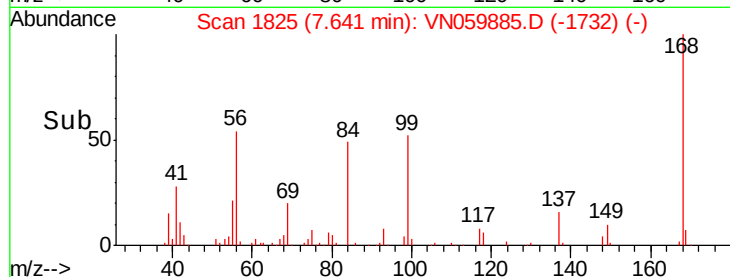
40000

20000

0

7.60 7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 45.913 ug/l

RT: 1.83 min Scan# 18

Delta R.T. -0.00 min

Lab File: VN059885.D

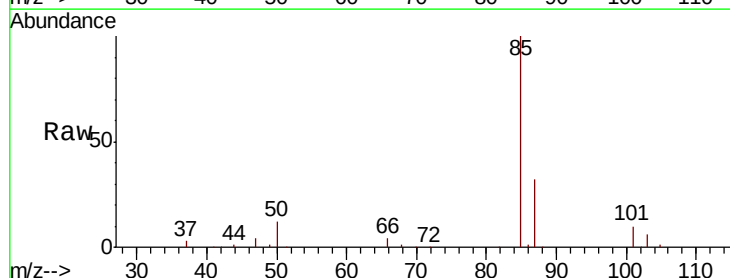
Acq: 27 Jan 2020 20:09

Tgt Ion: 85 Resp: 112927

Ion Ratio Lower Upper

85 100

87 32.4 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.83

80000

60000

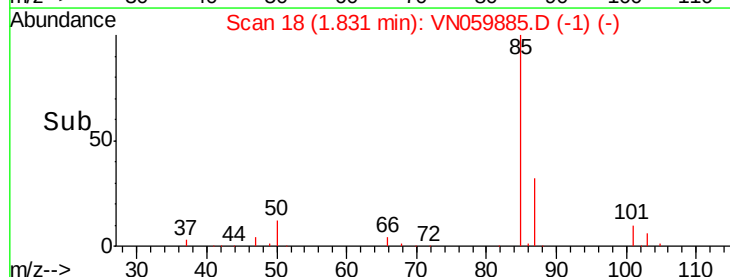
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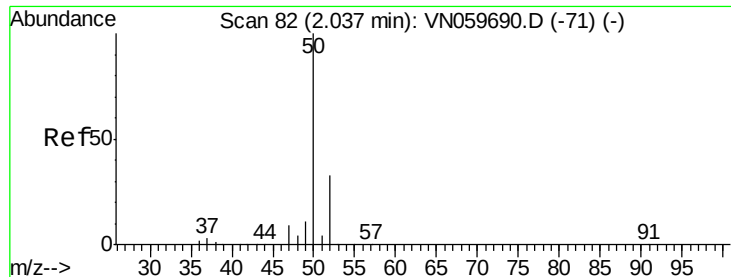
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0

1.75 1.80 1.85 1.90

Time-->

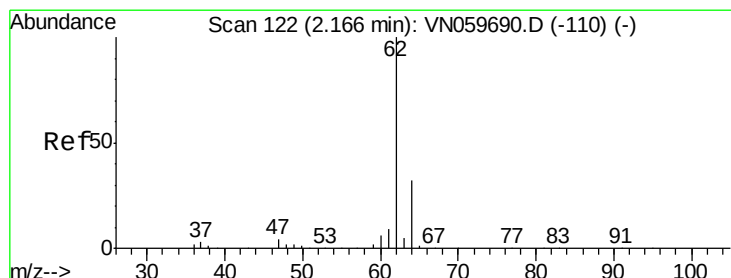
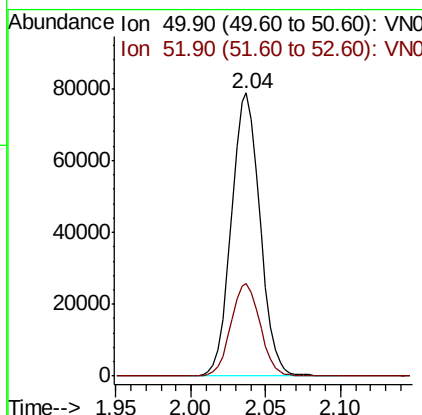
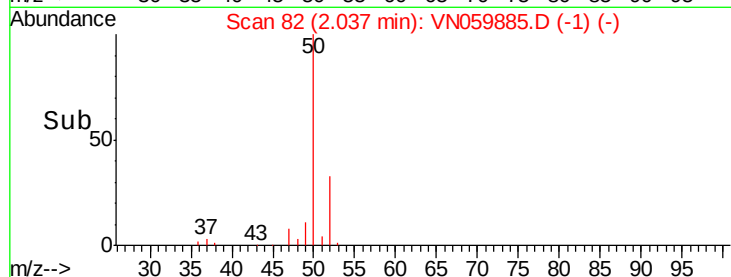
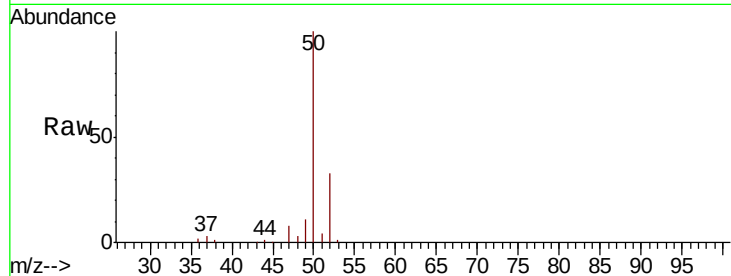




#3
Chloromethane
Concen: 44.030 ug/l
RT: 2.04 min Scan# 82
Delta R.T. 0.00 min
Lab File: VN059885.D
Acq: 27 Jan 2020 20:09

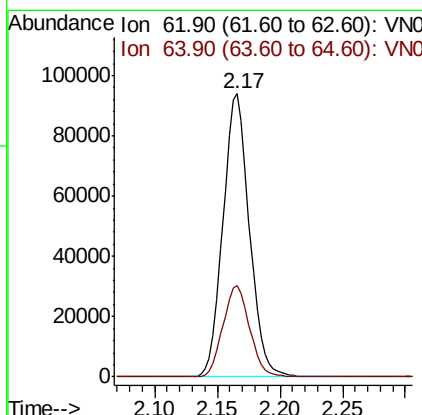
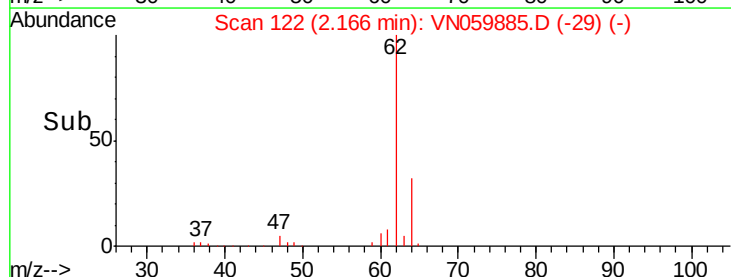
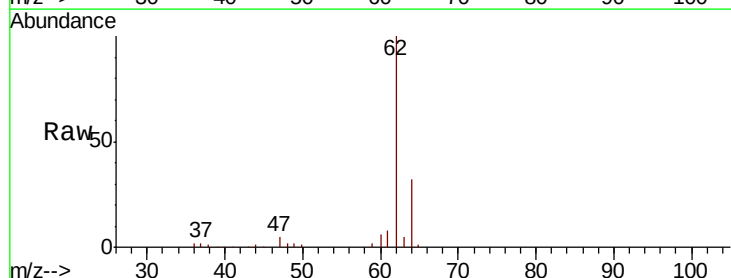
Instrument :
MSVOA_N
ClientSampleId :

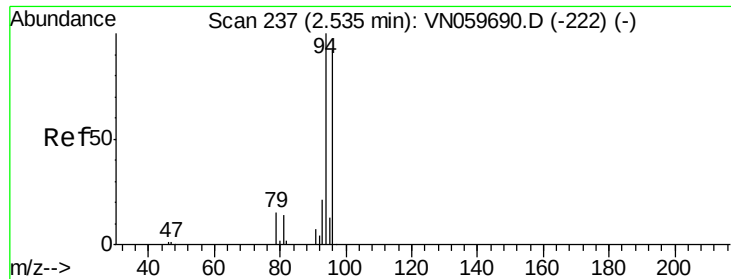
Tot Ion: 50 Resp: 105065
Ion Ratio Lower Upper
50 100
52 32.5 25.9 38.9



#4
Vinyl Chloride
Concen: 50.585 ug/l
RT: 2.17 min Scan# 122
Delta R.T. 0.00 min
Lab File: VN059885.D
Acq: 27 Jan 2020 20:09

Tgt Ion: 62 Resp: 138107
Ion Ratio Lower Upper
62 100
64 32.2 24.6 37.0





#5

Bromomethane

Concen: 49.268 ug/l

RT: 2.53 min Scan# 234

Delta R.T. -0.01 min

Lab File: VN059885.D

Acq: 27 Jan 2020 20:09

Instrument :

MSVOA_N

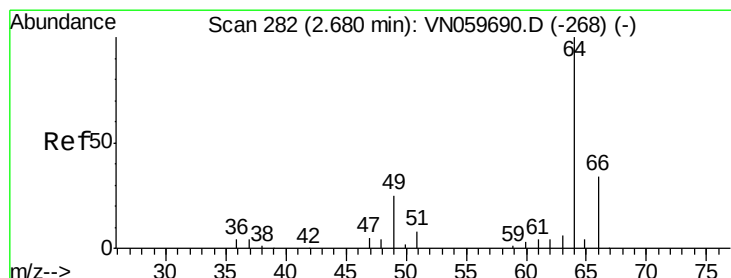
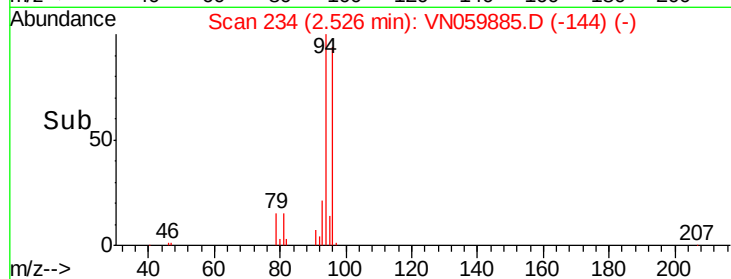
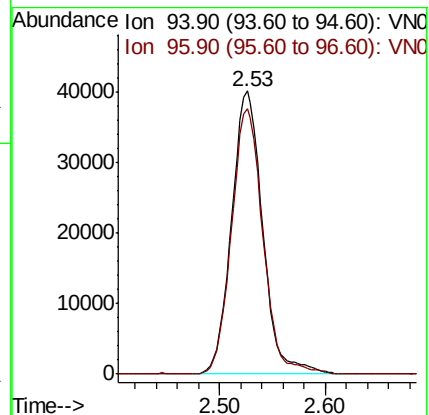
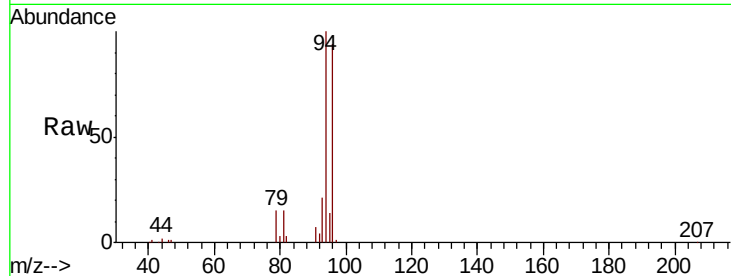
ClientSampleId :

Tot Ion: 94 Resp: 82089

Ion Ratio Lower Upper

94 100

96 93.7 74.7 112.1



#6

Chloroethane

Concen: 50.497 ug/l

RT: 2.68 min Scan# 281

Delta R.T. -0.00 min

Lab File: VN059885.D

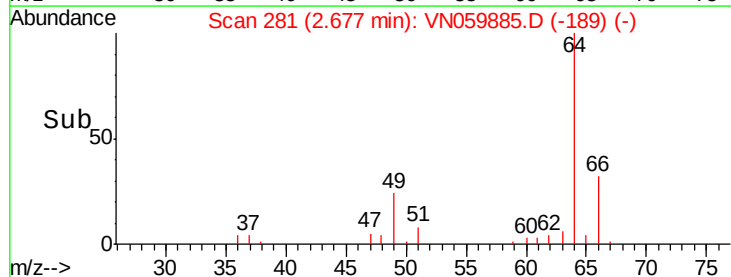
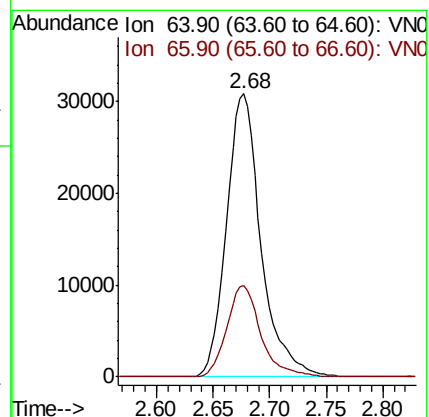
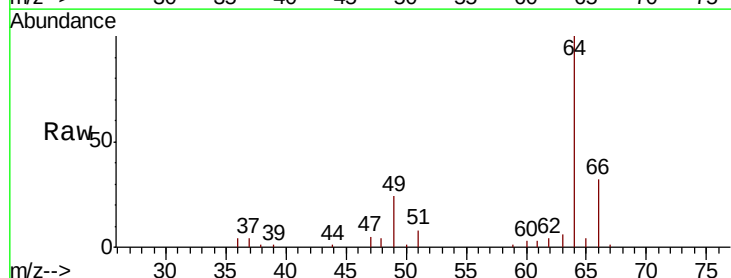
Acq: 27 Jan 2020 20:09

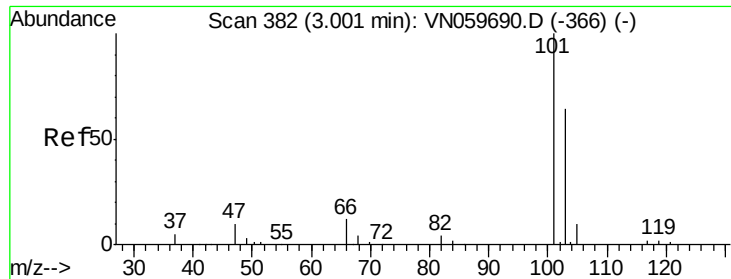
Tgt Ion: 64 Resp: 65226

Ion Ratio Lower Upper

64 100

66 32.2 25.1 37.7



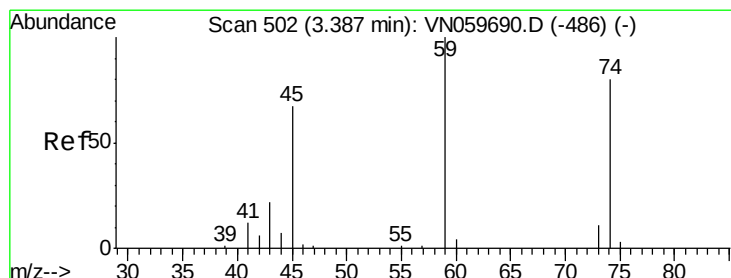
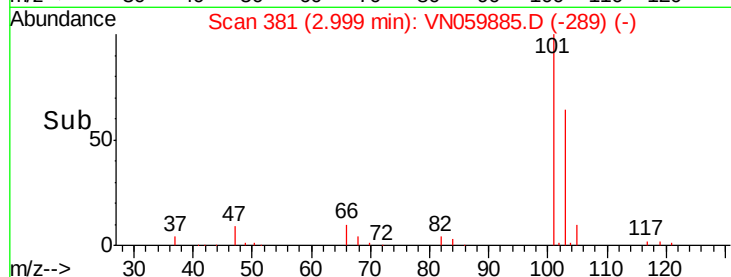
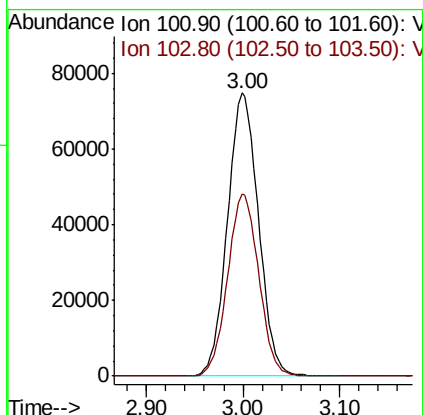
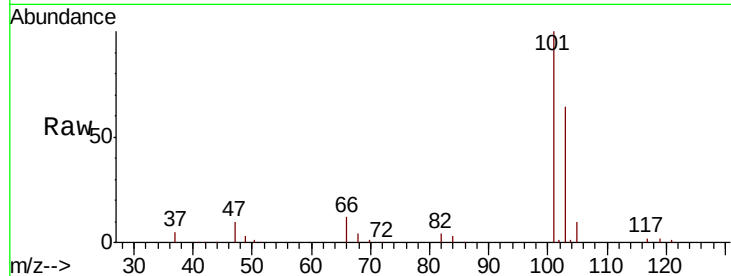


#7

Trichlorofluoromethane
Concen: 50.802 ug/l
RT: 3.00 min Scan# 381
Delta R.T. -0.00 min
Lab File: VN059885.D
Acq: 27 Jan 2020 20:09

Instrument :
MSVOA_N
ClientSampled :

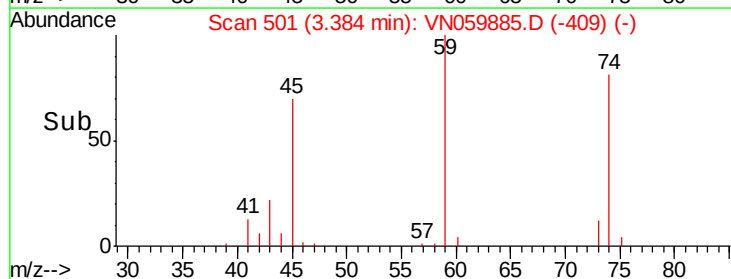
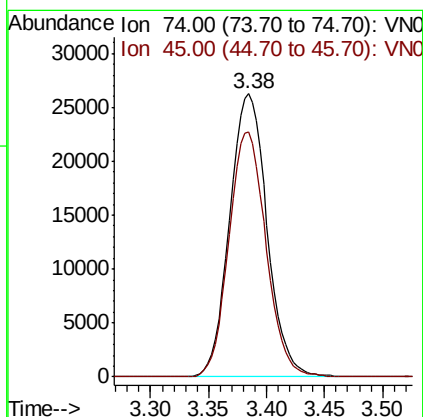
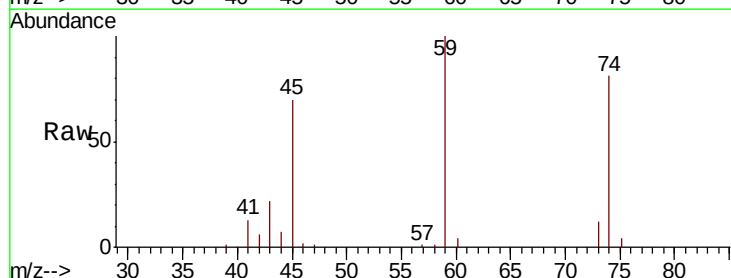
Tot Ion:101 Resp: 166571
Ion Ratio Lower Upper
101 100
103 64.2 51.0 76.6

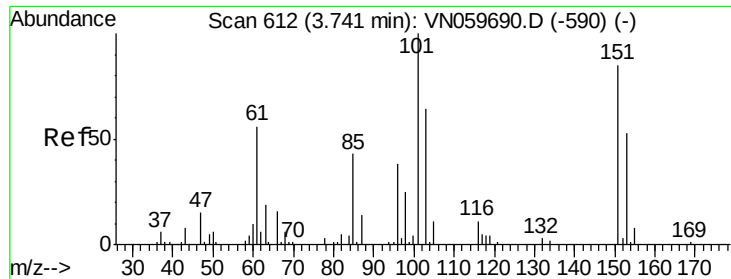


#8

Diethyl Ether
Concen: 50.977 ug/l
RT: 3.38 min Scan# 501
Delta R.T. -0.00 min
Lab File: VN059885.D
Acq: 27 Jan 2020 20:09

Tgt Ion: 74 Resp: 58658
Ion Ratio Lower Upper
74 100
45 85.9 51.9 155.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 52.776 ug/l

RT: 3.74 min Scan# 611

Delta R.T. -0.00 min

Lab File: VN059885.D

Acq: 27 Jan 2020 20:09

Instrument :

MSVOA_N

ClientSampled :

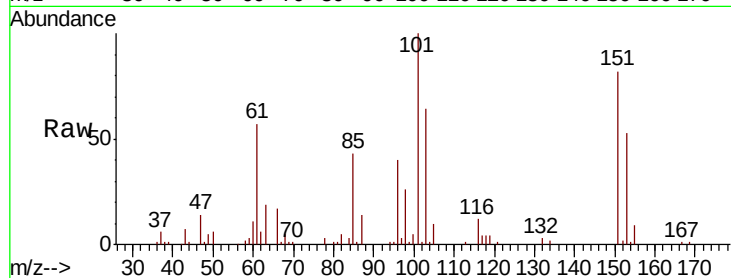
Tot Ion:101 Resp: 96310

Ion Ratio Lower Upper

101 100

85 43.2 36.6 54.8

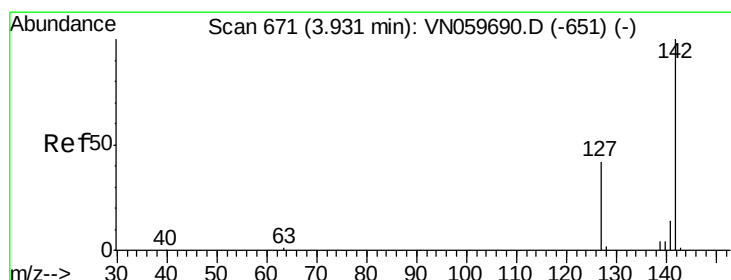
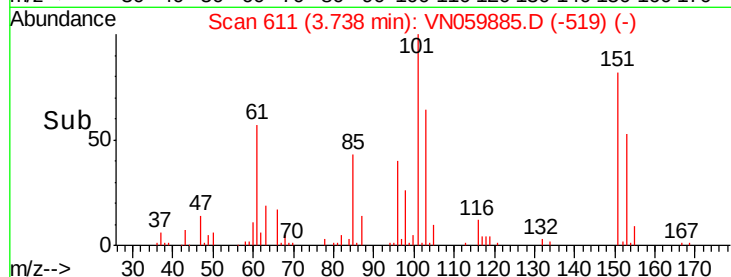
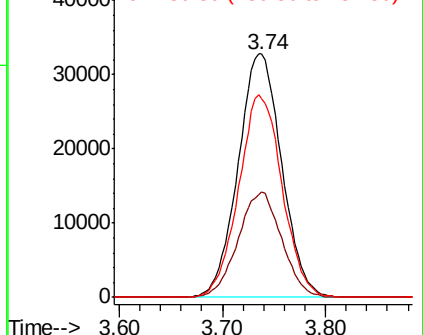
151 82.8 59.7 89.5



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 49.768 ug/l

RT: 3.93 min Scan# 670

Delta R.T. -0.00 min

Lab File: VN059885.D

Acq: 27 Jan 2020 20:09

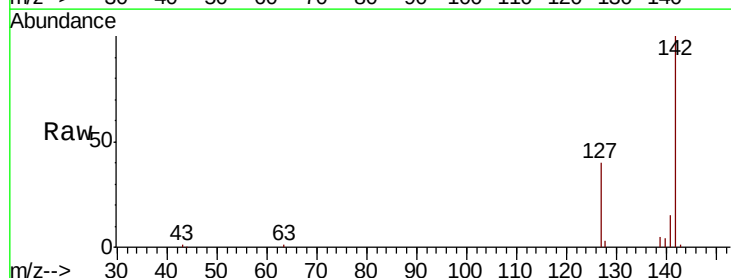
Tgt Ion:142 Resp: 146802

Ion Ratio Lower Upper

142 100

127 41.8 36.7 55.1

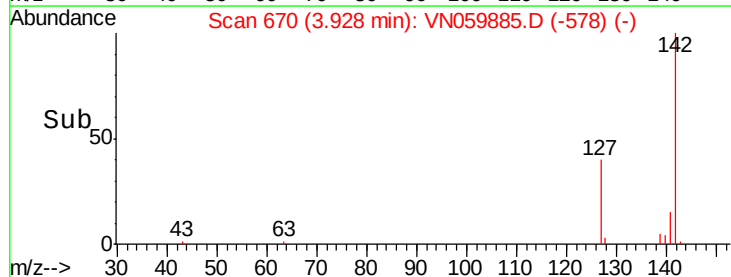
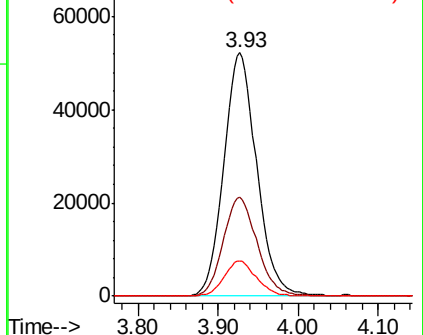
141 14.1 11.7 17.5

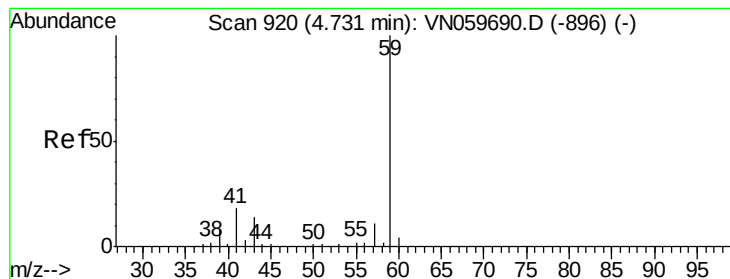


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



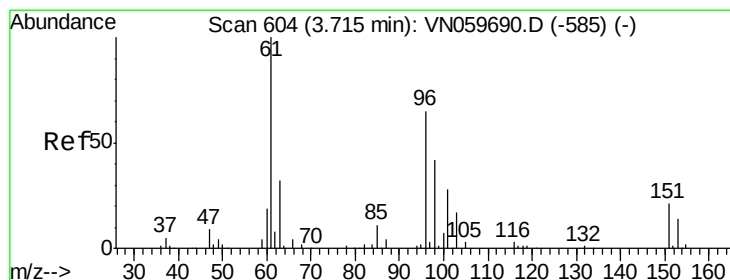
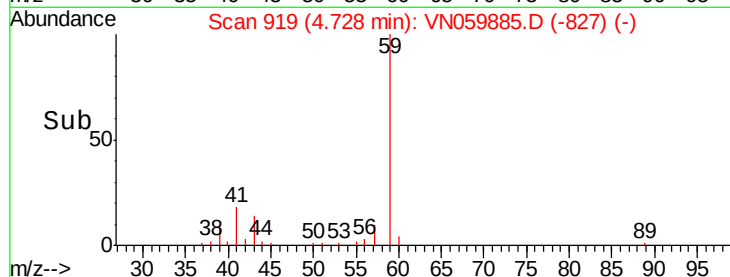
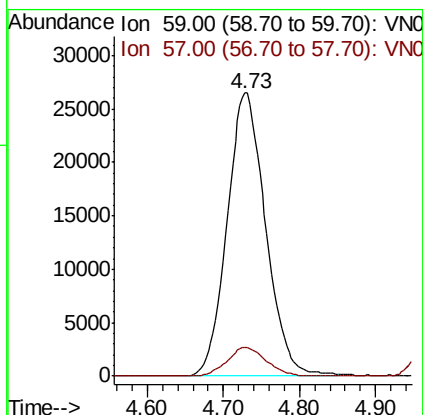
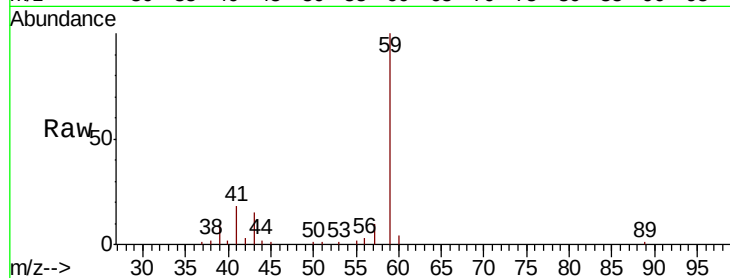


#11

Tert butyl alcohol
 Concen: 239.766 ug/l
 RT: 4.73 min Scan# 919
 Delta R.T. -0.00 min
 Lab File: VN059885.D
 Acq: 27 Jan 2020 20:09

Instrument :
 MSVOA_N
 ClientSampled :

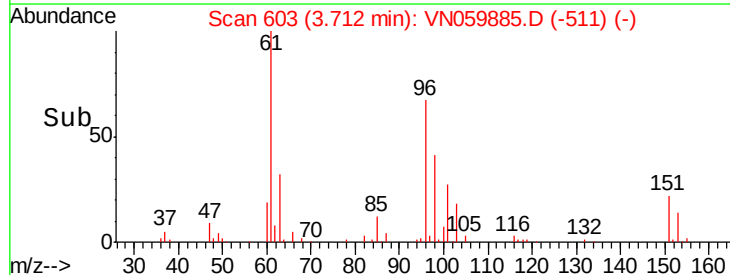
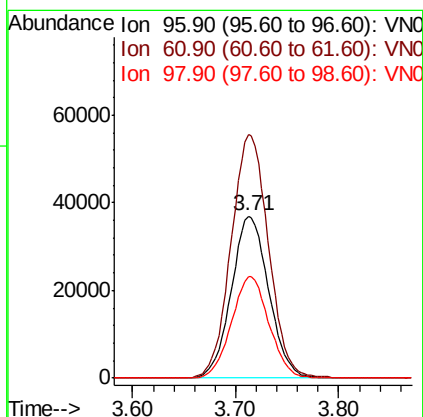
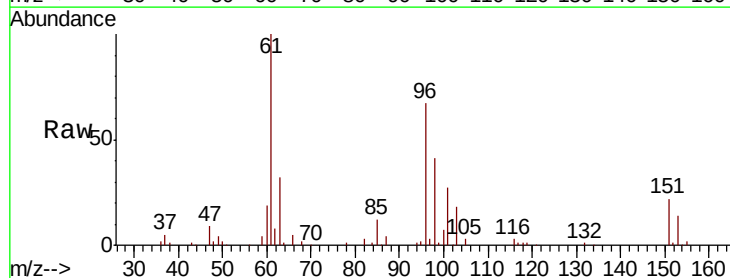
Tot Ion: 59 Resp: 93425
 Ion Ratio Lower Upper
 59 100
 57 10.2 8.6 12.8

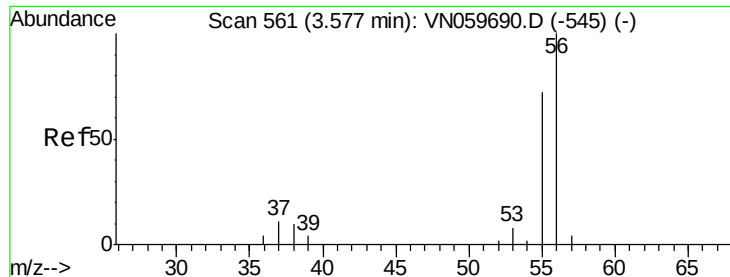


#12

1,1-Dichloroethene
 Concen: 48.888 ug/l
 RT: 3.71 min Scan# 603
 Delta R.T. -0.00 min
 Lab File: VN059885.D
 Acq: 27 Jan 2020 20:09

Tgt Ion: 96 Resp: 93222
 Ion Ratio Lower Upper
 96 100
 61 150.1 137.5 206.3
 98 62.3 50.2 75.4

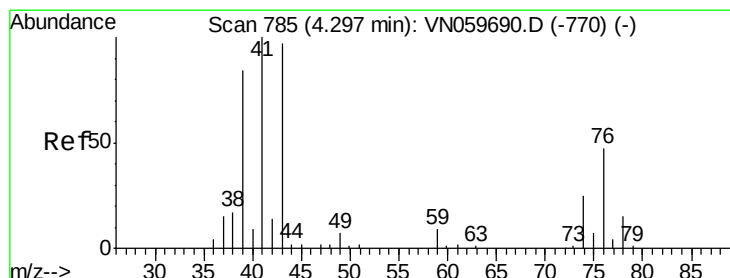
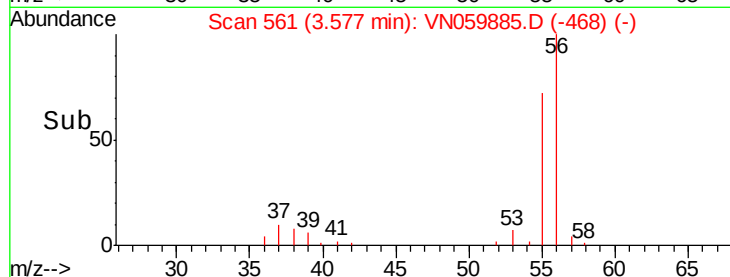
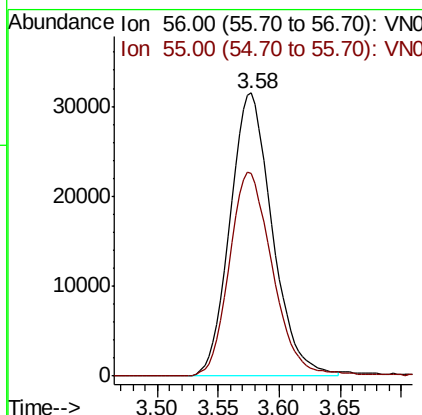
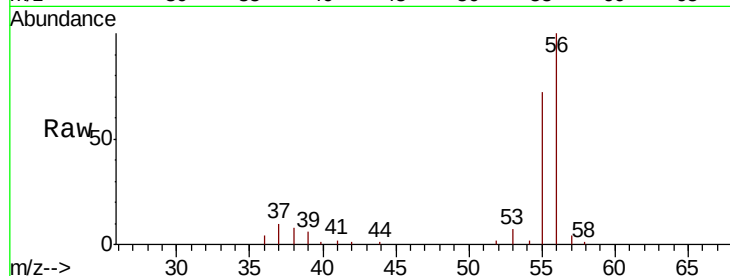




#13
 Acrolein
 Concen: 274.304 ug/l
 RT: 3.58 min Scan# 561
 Delta R.T. 0.00 min
 Lab File: VN059885.D
 Acq: 27 Jan 2020 20:09

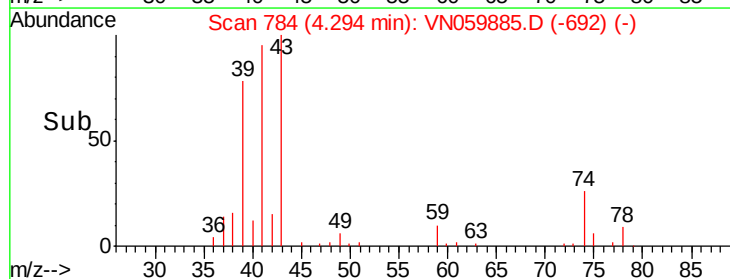
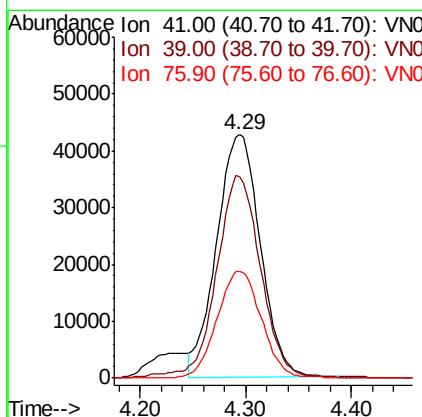
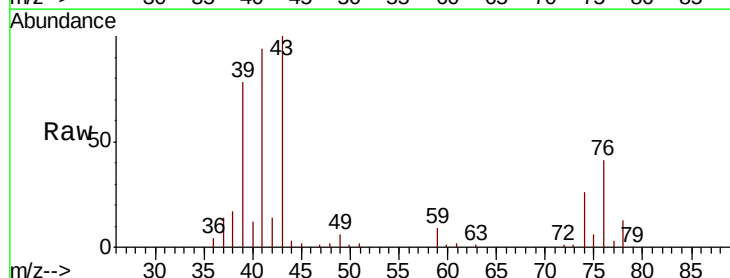
Instrument :
 MSVOA_N
 ClientSampleId :

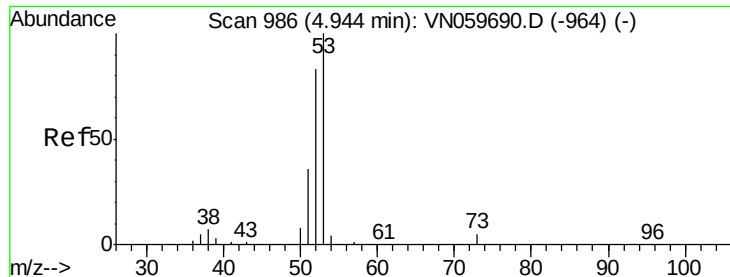
Tot Ion: 56 Resp: 75660
 Ion Ratio Lower Upper
 56 100
 55 73.7 58.6 88.0



#14
 Allyl chloride
 Concen: 47.982 ug/l
 RT: 4.29 min Scan# 784
 Delta R.T. -0.00 min
 Lab File: VN059885.D
 Acq: 27 Jan 2020 20:09

Tgt Ion: 41 Resp: 123324
 Ion Ratio Lower Upper
 41 100
 39 84.2 57.8 86.8
 76 44.5 25.4 38.0#





#15

Acrylonitrile

Concen: 257.114 ug/l

RT: 4.94 min Scan# 985

Delta R.T. -0.00 min

Lab File: VN059885.D

Acq: 27 Jan 2020 20:09

Instrument :

MSVOA_N

ClientSampleId :

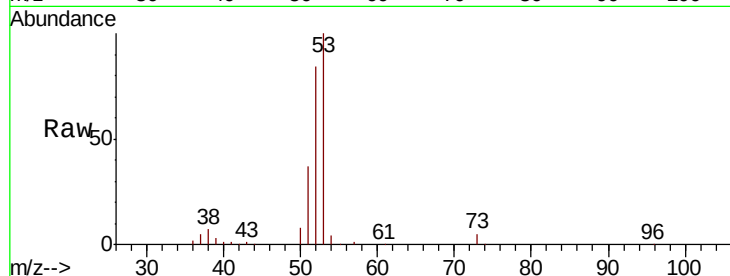
Tot Ion: 53 Resp: 228529

Ion Ratio Lower Upper

53 100

52 83.2 66.3 99.5

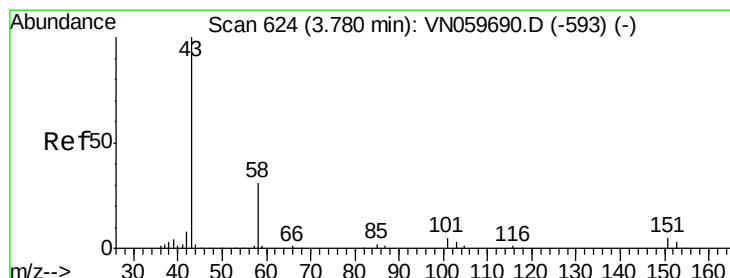
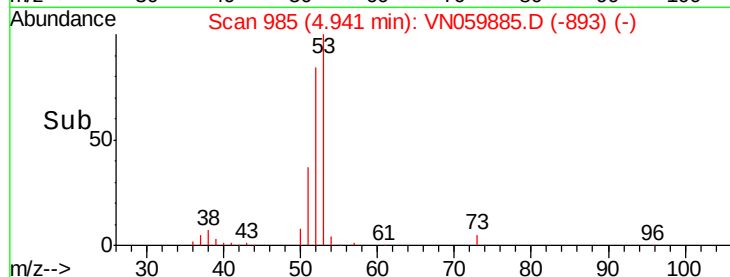
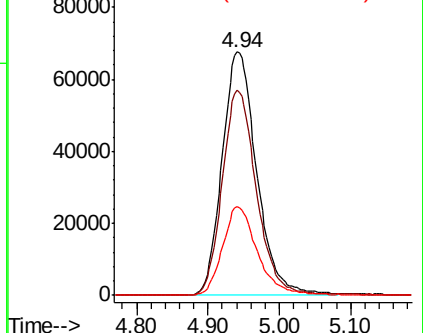
51 36.7 29.7 44.5



Abundance Ion 53.00 (52.70 to 53.70): VN059690.D (-964) (-)

Ion 52.00 (51.70 to 52.70): VN059690.D (-964) (-)

Ion 51.00 (50.70 to 51.70): VN059690.D (-964) (-)



#16

Acetone

Concen: 251.523 ug/l

RT: 3.78 min Scan# 624

Delta R.T. 0.00 min

Lab File: VN059885.D

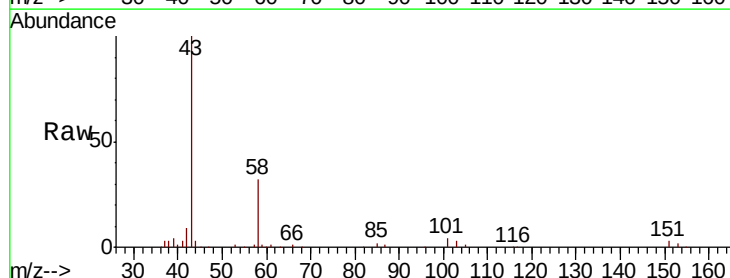
Acq: 27 Jan 2020 20:09

Tgt Ion: 43 Resp: 198515

Ion Ratio Lower Upper

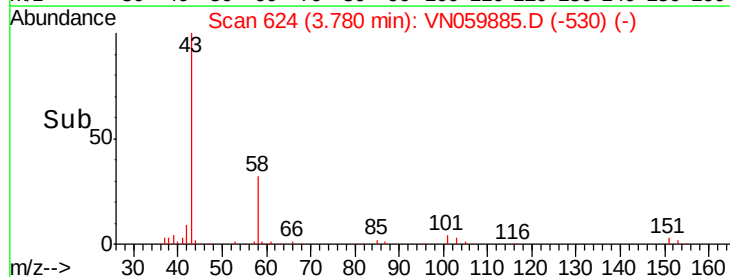
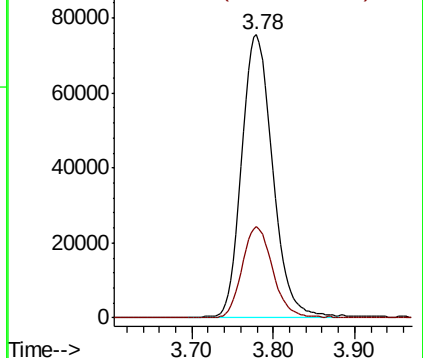
43 100

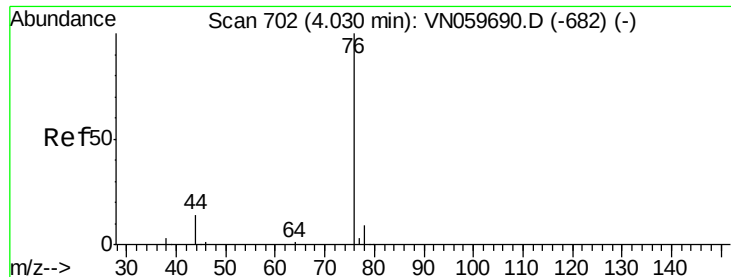
58 32.1 23.6 35.4



Abundance Ion 43.00 (42.70 to 43.70): VN059690.D (-593) (-)

Ion 58.00 (57.70 to 58.70): VN059690.D (-593) (-)





#17

Carbon Disulfide

Concen: 43.212 ug/l

RT: 4.03 min Scan# 701

Delta R.T. -0.00 min

Lab File: VN059885.D

Acq: 27 Jan 2020 20:09

Instrument :

MSVOA_N

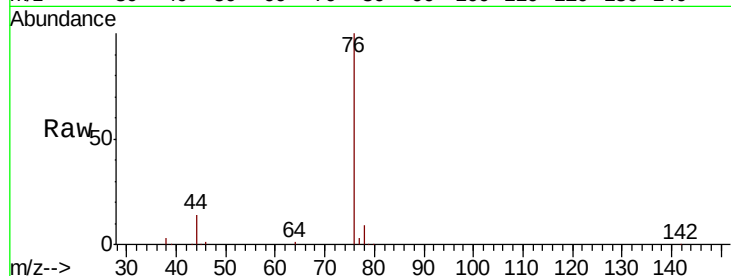
ClientSampleId :

Tot Ion: 76 Resp: 234727

Ion Ratio Lower Upper

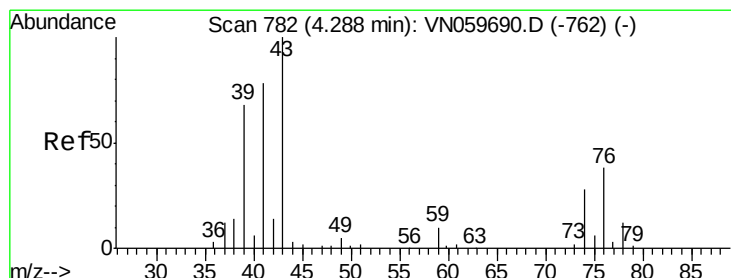
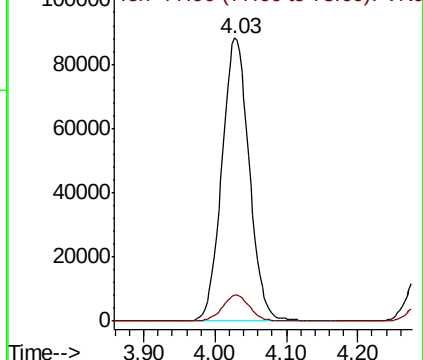
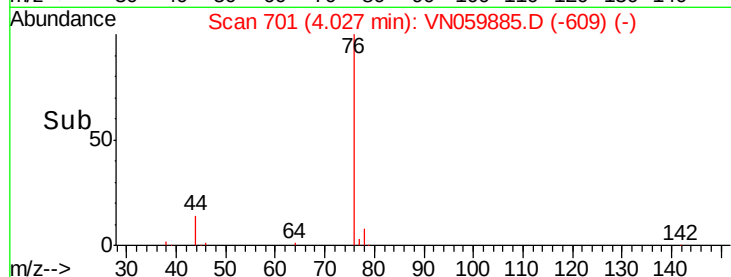
76 100

78 9.1 7.4 11.0



Abundance Ion 75.90 (75.60 to 76.60): VN059885.D (-609) (-)

Ion 77.90 (77.60 to 78.60): VN059885.D (-609) (-)



#18

Methyl Acetate

Concen: 52.135 ug/l

RT: 4.29 min Scan# 782

Delta R.T. 0.00 min

Lab File: VN059885.D

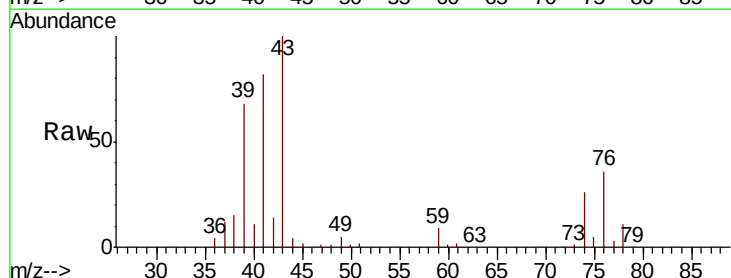
Acq: 27 Jan 2020 20:09

Tgt Ion: 43 Resp: 140953

Ion Ratio Lower Upper

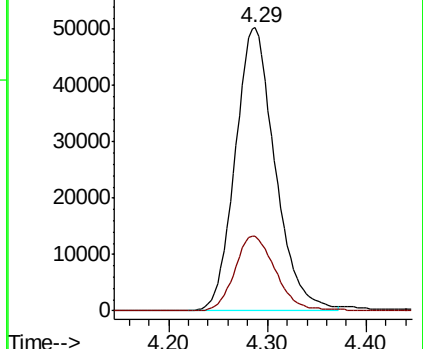
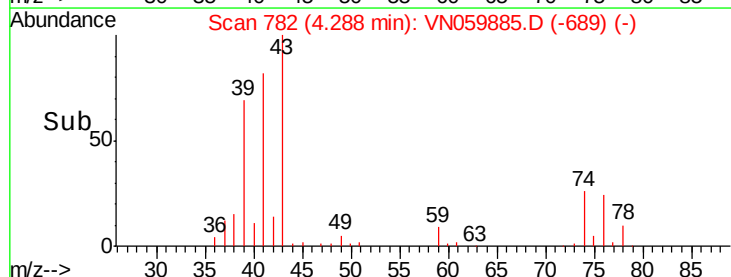
43 100

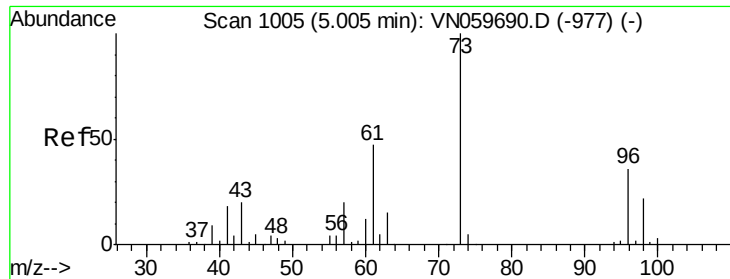
74 26.8 17.5 26.3#



Abundance Ion 43.00 (42.70 to 43.70): VN059885.D (-689) (-)

Ion 74.00 (73.70 to 74.70): VN059885.D (-689) (-)

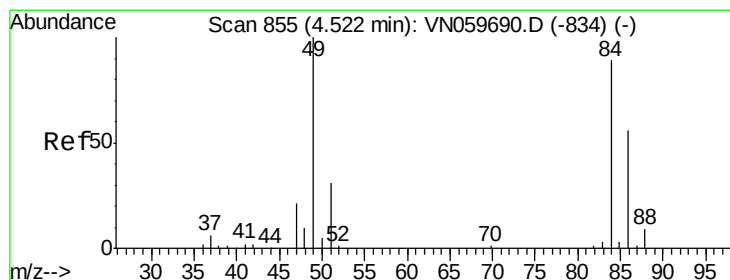
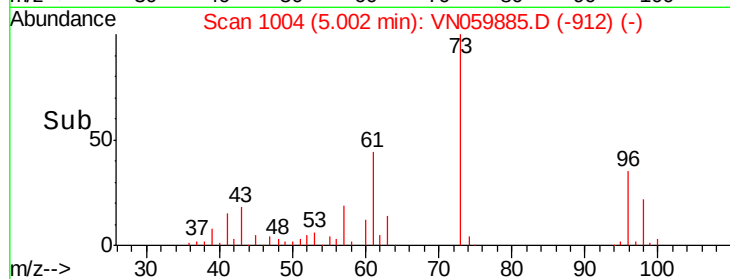
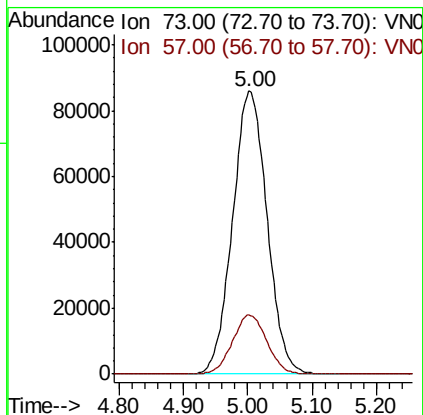
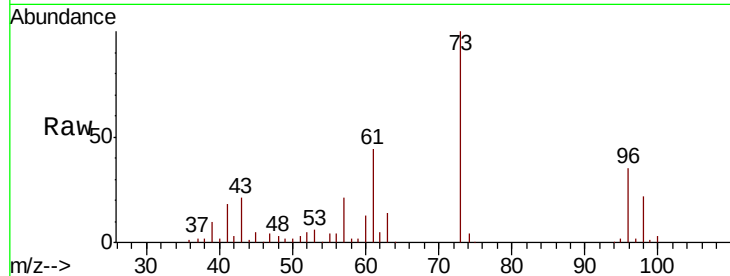




#19
Methvl tert-butyl Ether
Concen: 51.492 ug/l
RT: 5.00 min Scan# 1004
Delta R.T. -0.00 min
Lab File: VN059885.D
Acq: 27 Jan 2020 20:09

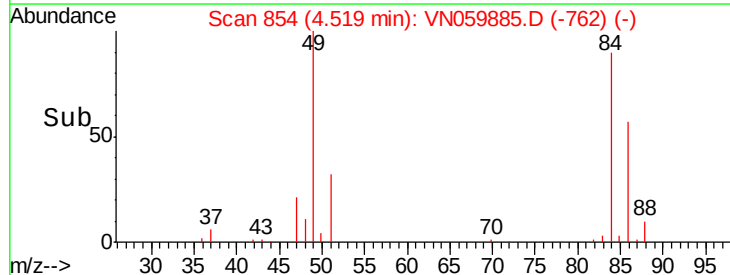
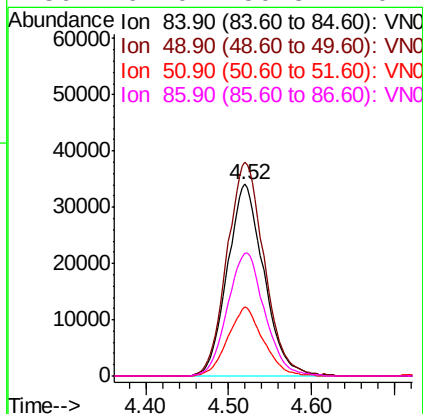
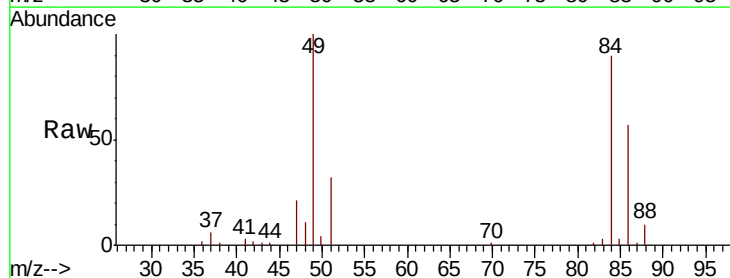
Instrument :
MSVOA_N
ClientSampled :

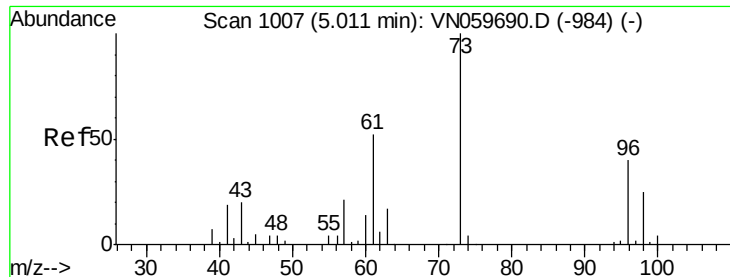
Tot Ion: 73 Resp: 320134
Ion Ratio Lower Upper
73 100
57 21.1 18.6 27.8



#20
Methylene Chloride
Concen: 49.940 ug/l
RT: 4.52 min Scan# 854
Delta R.T. -0.00 min
Lab File: VN059885.D
Acq: 27 Jan 2020 20:09

Tgt Ion: 84 Resp: 104582
Ion Ratio Lower Upper
84 100
49 111.6 106.6 160.0
51 36.0 31.9 47.9
86 64.0 50.8 76.2





#21

trans-1,2-Dichloroethene

Concen: 48.976 ug/l

RT: 5.01 min Scan# 1006

Delta R.T. -0.00 min

Lab File: VN059885.D

Acq: 27 Jan 2020 20:09

Instrument :
MSVOA_N
ClientSampled :

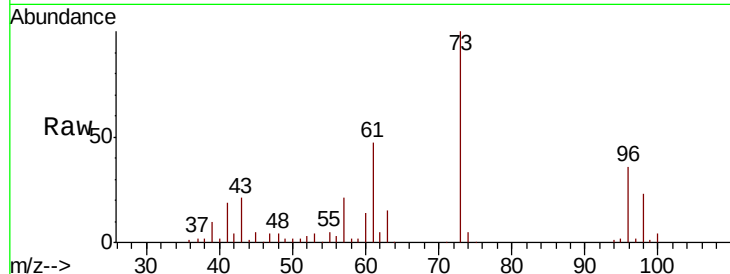
Tot Ion: 96 Resp: 99273

Ion Ratio Lower Upper

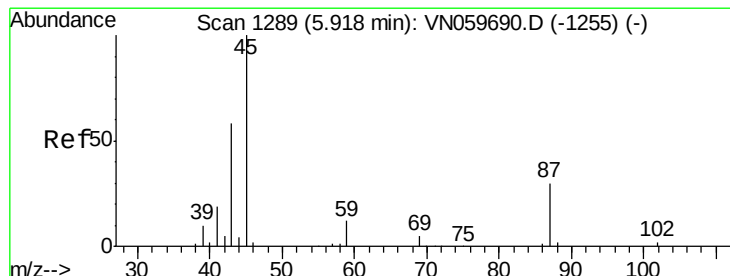
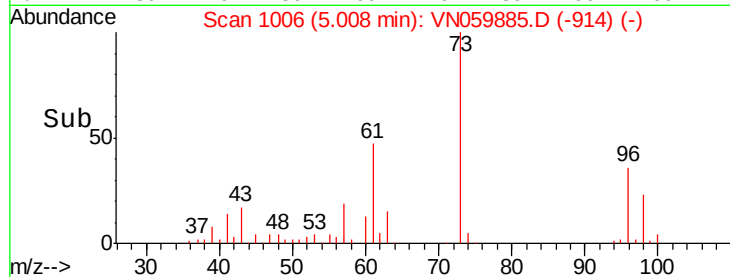
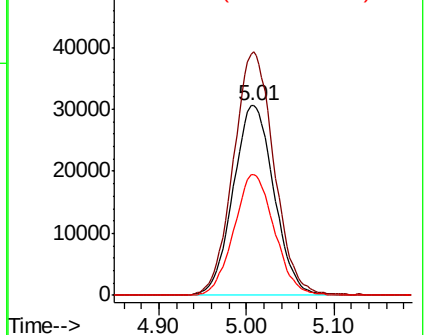
96 100

61 128.5 120.4 180.6

98 63.9 50.6 75.8



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



#22

Diisopropyl ether

Concen: 50.214 ug/l

RT: 5.91 min Scan# 1288

Delta R.T. -0.00 min

Lab File: VN059885.D

Acq: 27 Jan 2020 20:09

Tgt Ion: 45 Resp: 292477

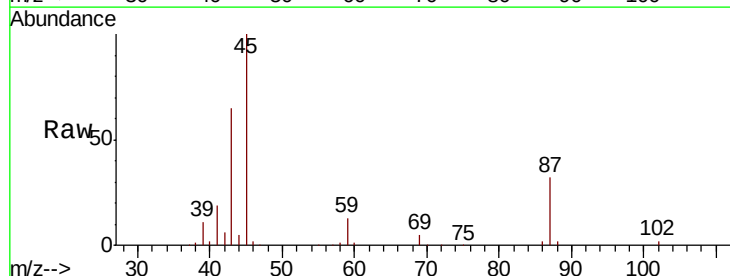
Ion Ratio Lower Upper

45 100

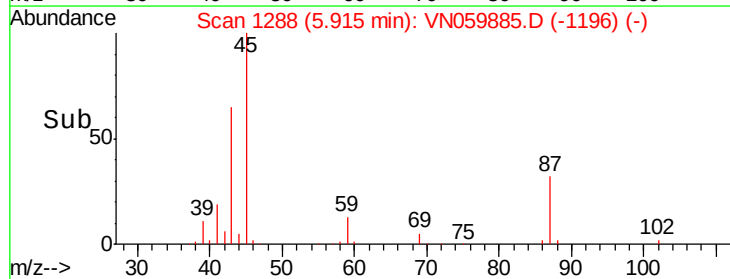
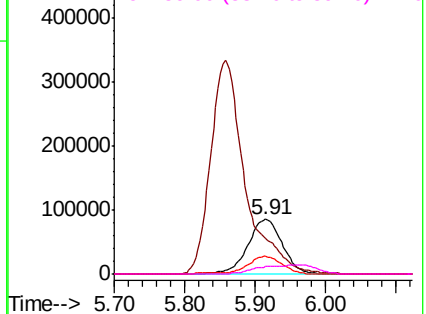
43 63.6 50.8 76.2

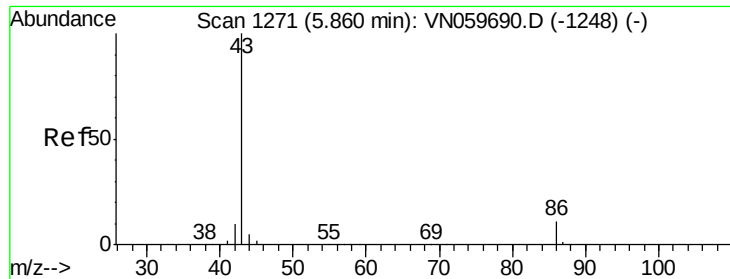
87 32.2 21.0 31.6#

59 12.9 9.1 13.7



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

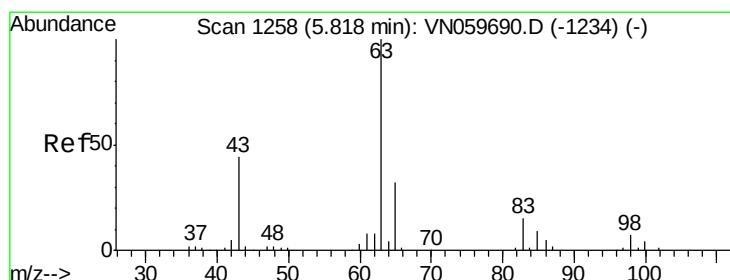
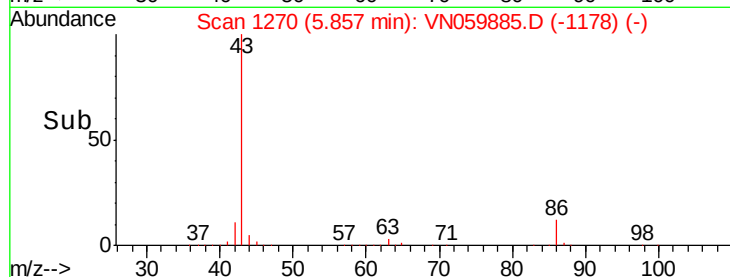
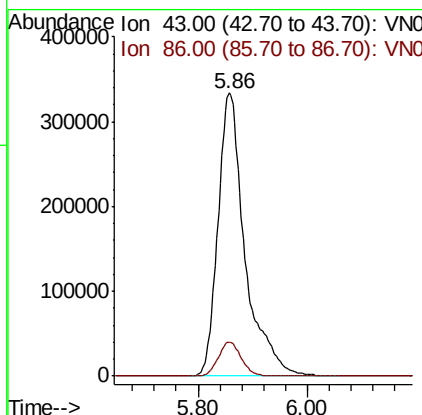
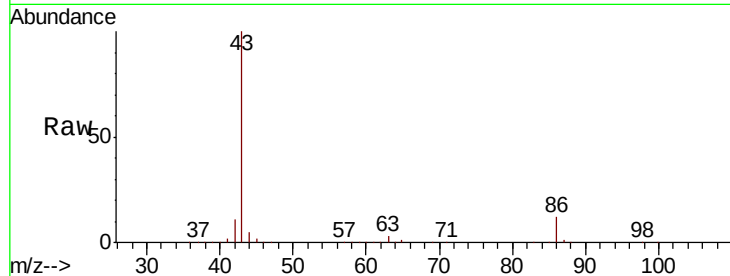




#23
 Vinyl Acetate
 Concen: 253.771 ug/l
 RT: 5.86 min Scan# 1270
 Delta R.T. -0.00 min
 Lab File: VN059885.D
 Acq: 27 Jan 2020 20:09

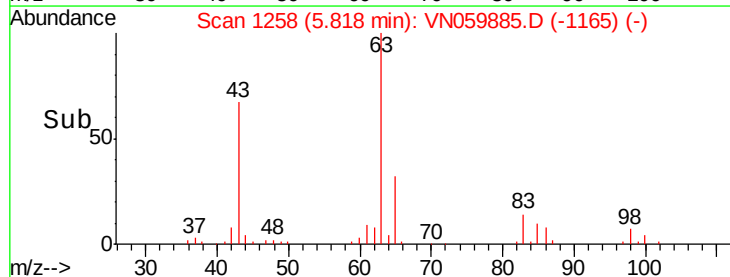
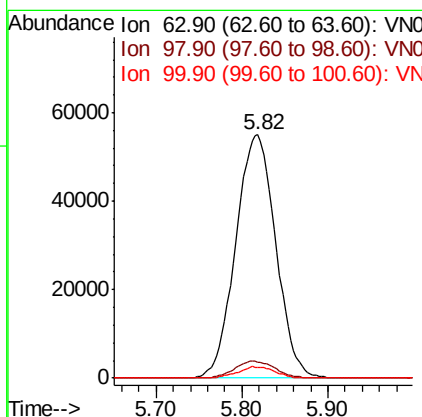
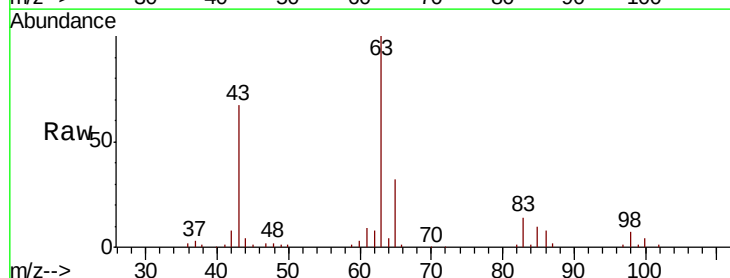
Instrument :
 MSVOA_N
 ClientSampleId :

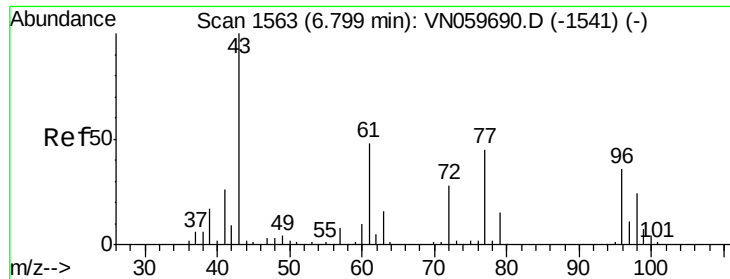
Tot Ion: 43 Resp: 1144418
 Ion Ratio Lower Upper
 43 100
 86 12.1 7.6 11.4#



#24
 1,1-Dichloroethane
 Concen: 49.957 ug/l
 RT: 5.82 min Scan# 1258
 Delta R.T. 0.00 min
 Lab File: VN059885.D
 Acq: 27 Jan 2020 20:09

Tgt Ion: 63 Resp: 177795
 Ion Ratio Lower Upper
 63 100
 98 6.7 2.9 8.7
 100 4.4 2.0 6.0





#25

2-Butanone

Concen: 225.023 ug/l

RT: 6.80 min Scan# 1562

Delta R.T. -0.00 min

Lab File: VN059885.D

Acq: 27 Jan 2020 20:09

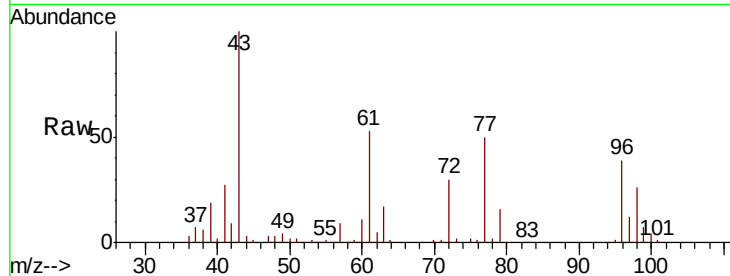
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 43 Resp: 294948

Ion Ratio Lower Upper

43 100

72 30.3 19.9 29.9#



Abundance Ion 43.00 (42.70 to 43.70): VN059690.D (-1541) (-)

Ion 72.00 (71.70 to 72.70): VN059690.D (-1541) (-)

120000

100000

80000

60000

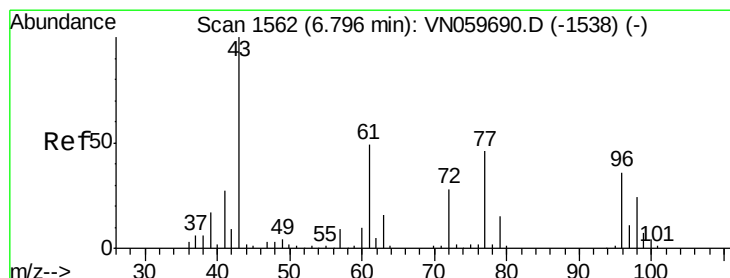
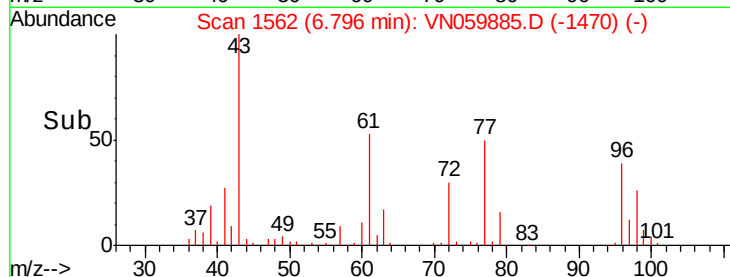
40000

20000

0

6.70 6.75 6.80 6.85

Time-->



#26

2,2-Dichloropropane

Concen: 48.426 ug/l

RT: 6.79 min Scan# 1561

Delta R.T. -0.00 min

Lab File: VN059885.D

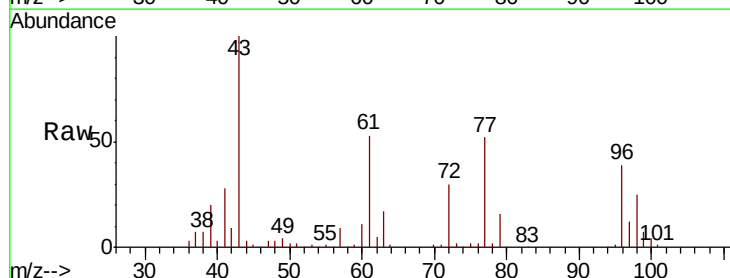
Acq: 27 Jan 2020 20:09

Tgt Ion: 77 Resp: 165690

Ion Ratio Lower Upper

77 100

97 23.5 10.7 31.9



Abundance Ion 76.90 (76.60 to 77.60): VN059690.D (-1538) (-)

Ion 96.90 (96.60 to 97.60): VN059690.D (-1538) (-)

60000

50000

40000

30000

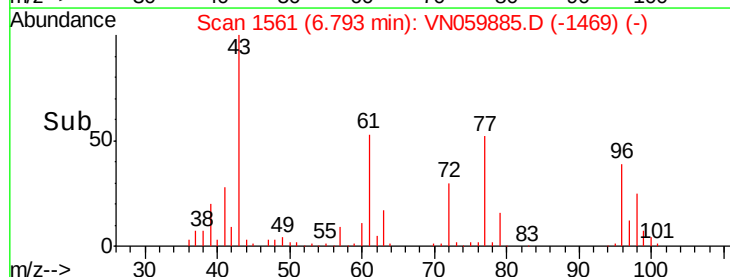
20000

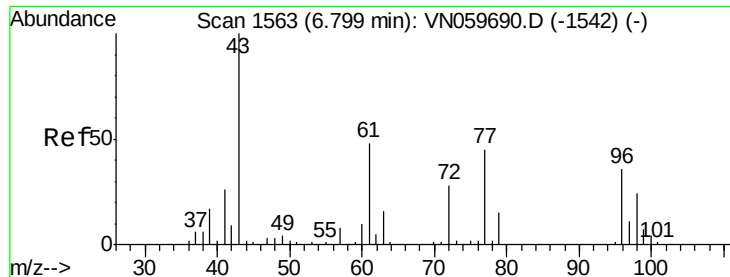
10000

0

6.70 6.80 6.90

Time-->





#27

cis-1,2-Dichloroethene

Concen: 51.194 ug/l

RT: 6.80 min Scan# 1562

Delta R.T. -0.00 min

Lab File: VN059885.D

Acq: 27 Jan 2020 20:09

Instrument :
MSVOA_N
ClientSampled :

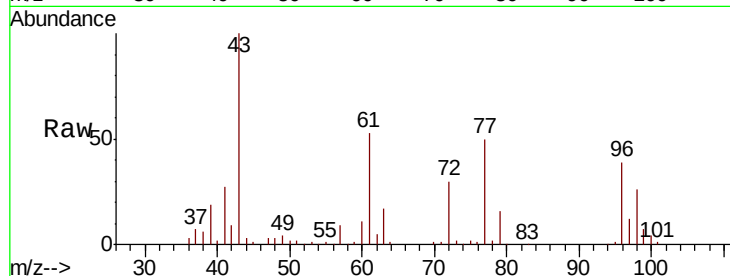
Tot Ion: 96 Resp: 119351

Ion Ratio Lower Upper

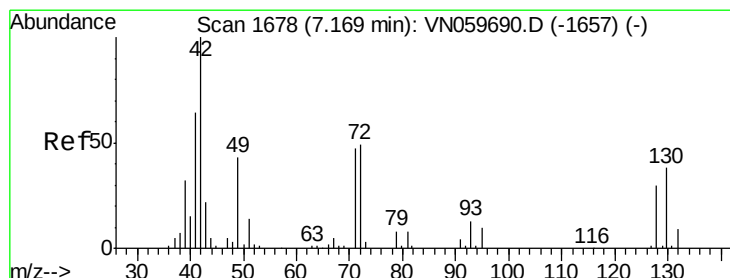
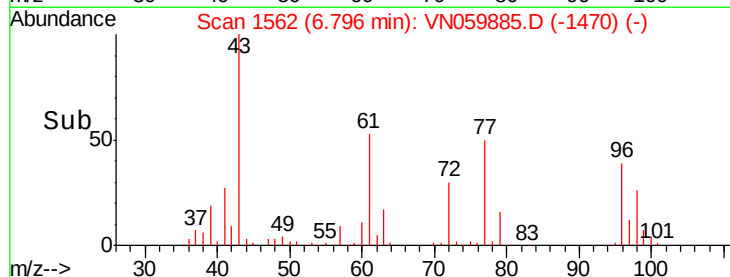
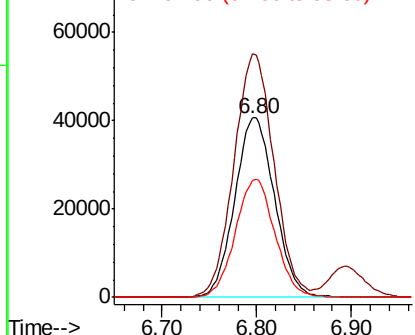
96 100

61 136.0 0.0 317.6

98 65.2 0.0 127.0



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



#28

Bromochloromethane

Concen: 46.190 ug/l

RT: 7.17 min Scan# 1677

Delta R.T. -0.00 min

Lab File: VN059885.D

Acq: 27 Jan 2020 20:09

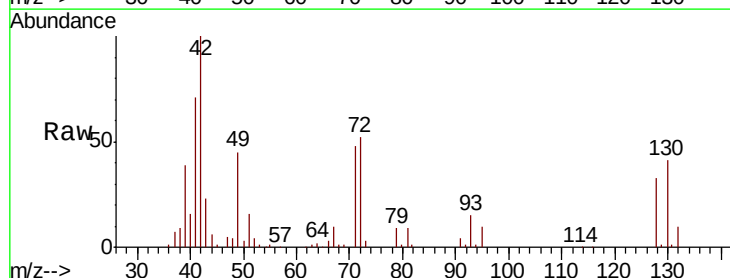
Tgt Ion: 49 Resp: 65703

Ion Ratio Lower Upper

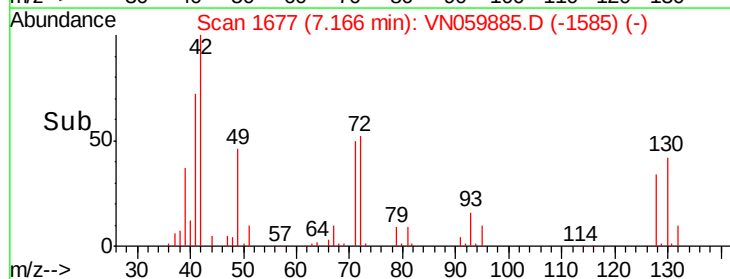
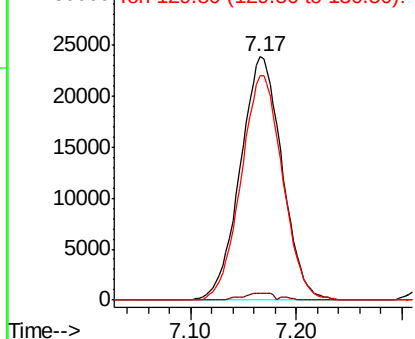
49 100

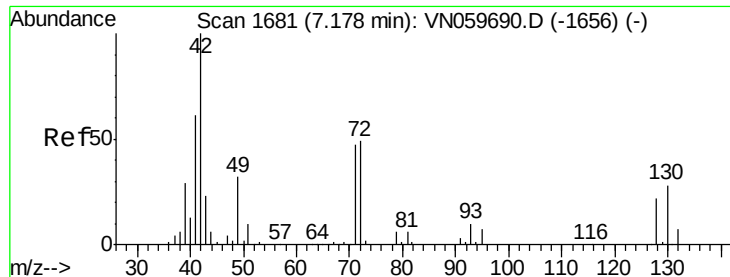
129 2.0 0.0 3.4

130 91.6 54.7 82.1#



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

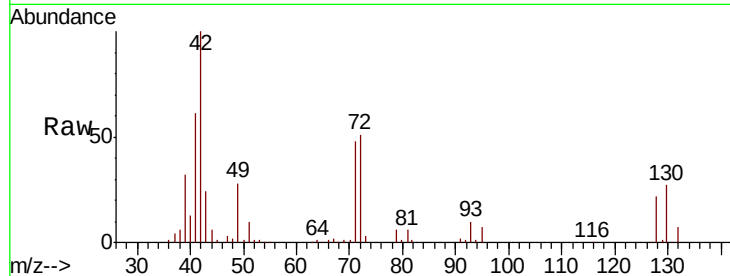




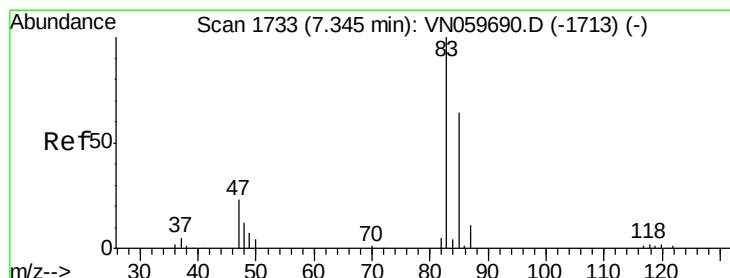
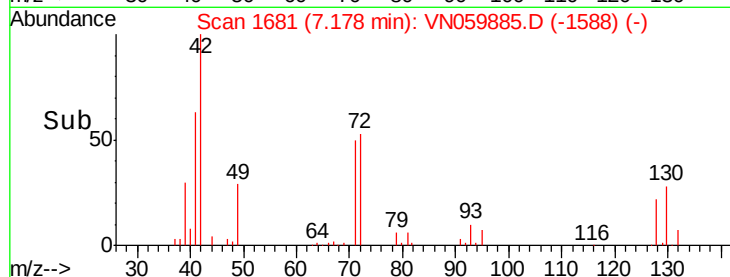
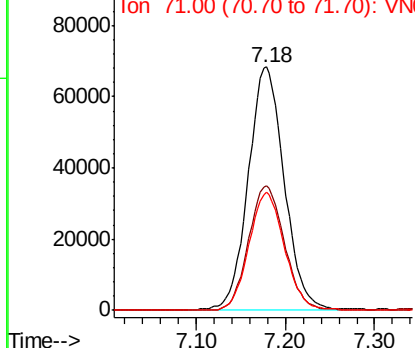
#29
Tetrahydrofuran
Concen: 236.917 ug/l
RT: 7.18 min Scan# 1681
Delta R.T. 0.00 min
Lab File: VN059885.D
Acq: 27 Jan 2020 20:09

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 42 Resp: 192136
Ion Ratio Lower Upper
42 100
72 50.9 33.1 49.7#
71 47.9 31.4 47.0#

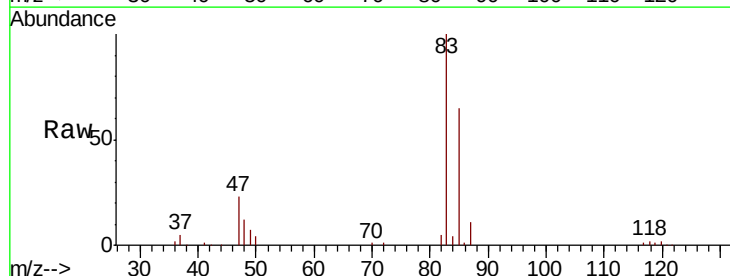


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

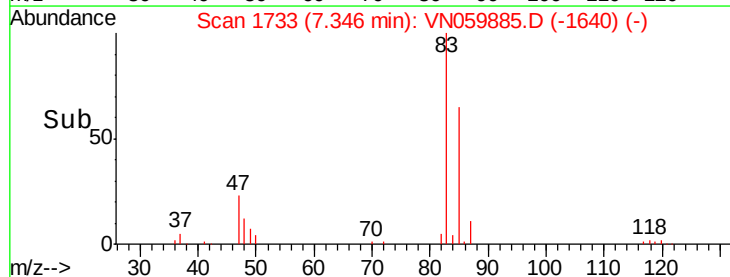
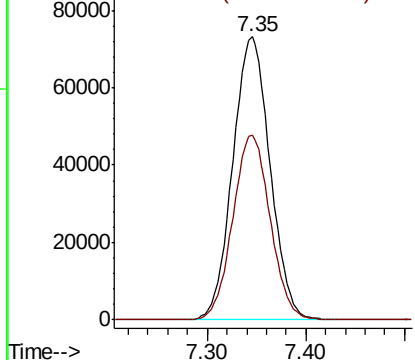


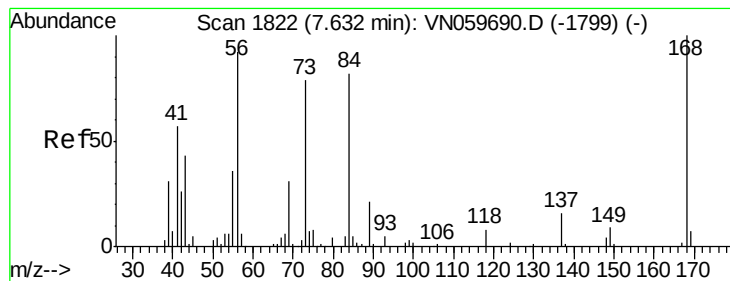
#30
Chloroform
Concen: 51.902 ug/l
RT: 7.35 min Scan# 1733
Delta R.T. 0.00 min
Lab File: VN059885.D
Acq: 27 Jan 2020 20:09

Tgt Ion: 83 Resp: 191390
Ion Ratio Lower Upper
83 100
85 65.2 52.4 78.6



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





#31

Cyclohexane

Concen: 44.004 ug/l

RT: 7.63 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VN059885.D

Acq: 27 Jan 2020 20:09

Instrument :

MSVOA_N

ClientSampled :

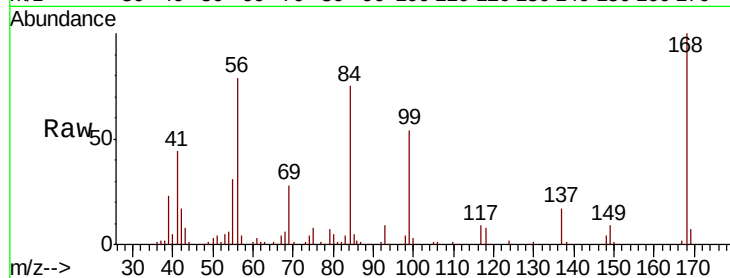
Tot Ion: 56 Resp: 150696

Ion Ratio Lower Upper

56 100

69 35.6 26.5 39.7

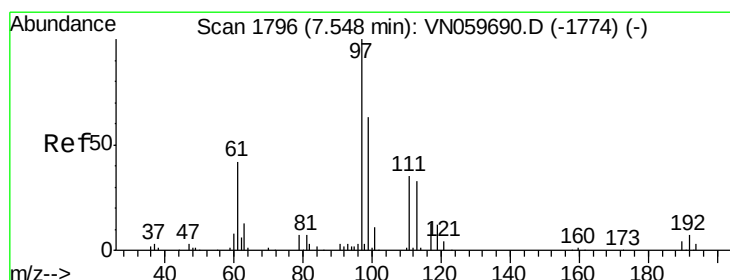
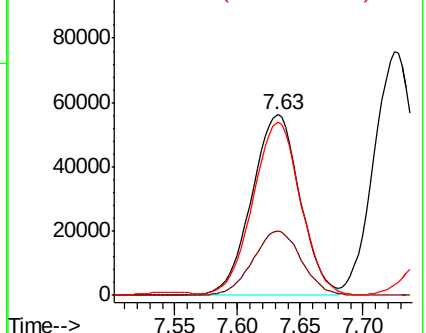
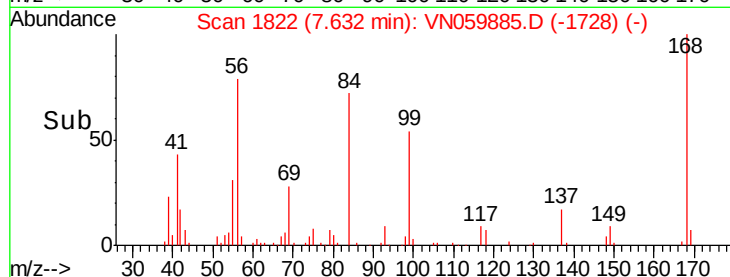
84 94.2 65.3 97.9



Abundance Ion 56.00 (55.70 to 56.70): VN059885.D (-1728) (-)

Ion 69.00 (68.70 to 69.70): VN059885.D (-1728) (-)

Ion 84.00 (83.70 to 84.70): VN059885.D (-1728) (-)



#32

1,1,1-Trichloroethane

Concen: 50.992 ug/l

RT: 7.54 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VN059885.D

Acq: 27 Jan 2020 20:09

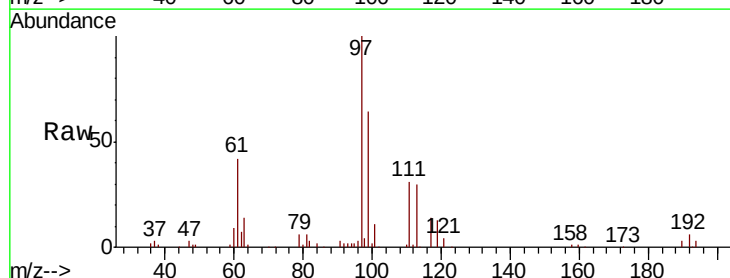
Tgt Ion: 97 Resp: 173859

Ion Ratio Lower Upper

97 100

99 65.1 51.0 76.4

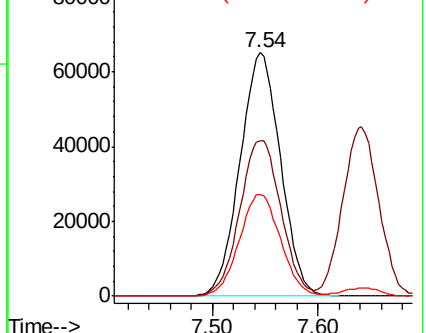
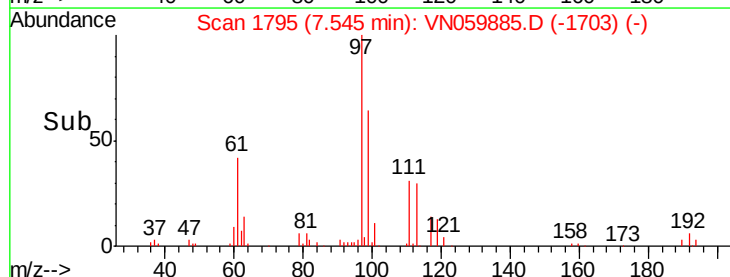
61 42.6 38.5 57.7

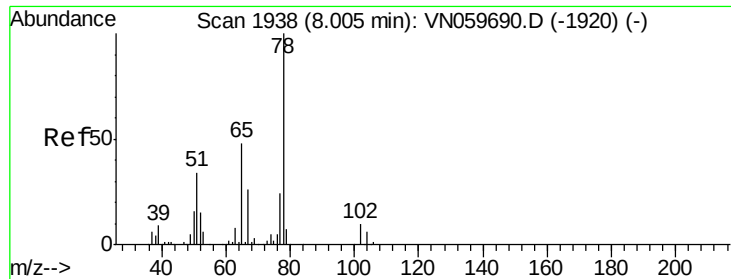


Abundance Ion 96.90 (96.60 to 97.60): VN059885.D (-1703) (-)

Ion 98.90 (98.60 to 99.60): VN059885.D (-1703) (-)

Ion 60.90 (60.60 to 61.60): VN059885.D (-1703) (-)

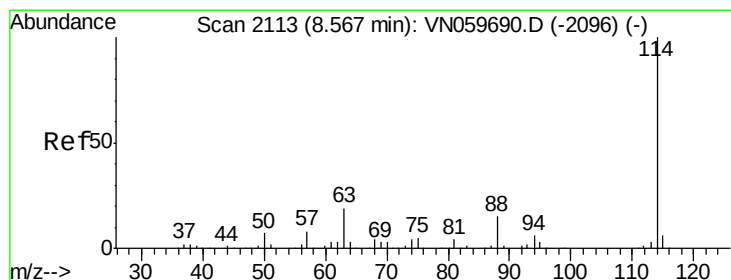
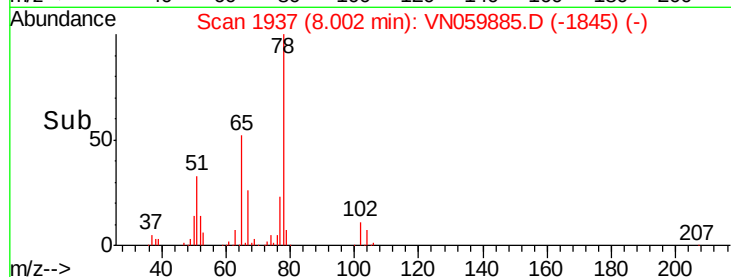
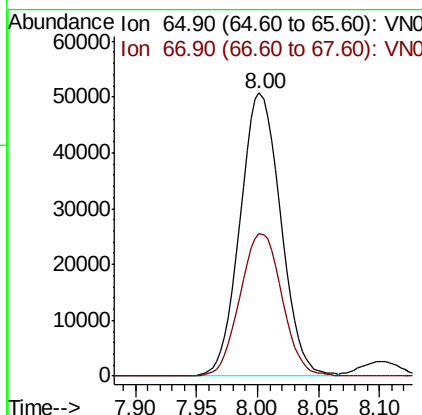
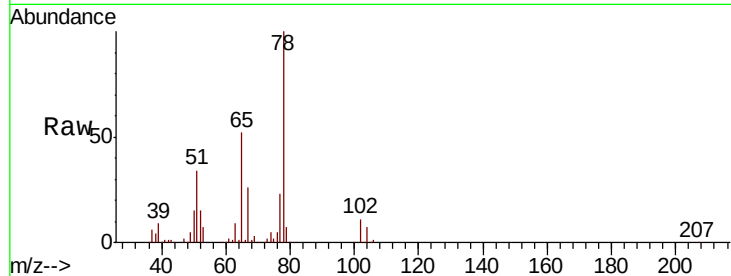




#33
 1,2-Dichloroethane-d4
 Concen: 50.590 ug/l
 RT: 8.00 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VN059885.D
 Acq: 27 Jan 2020 20:09

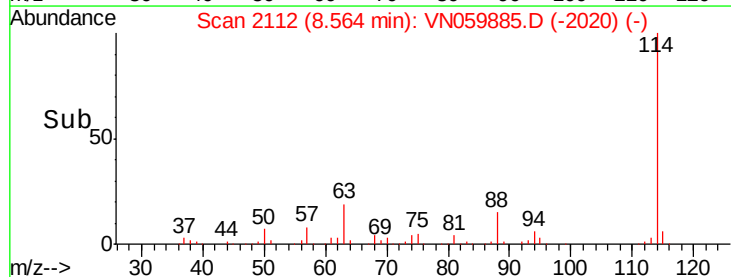
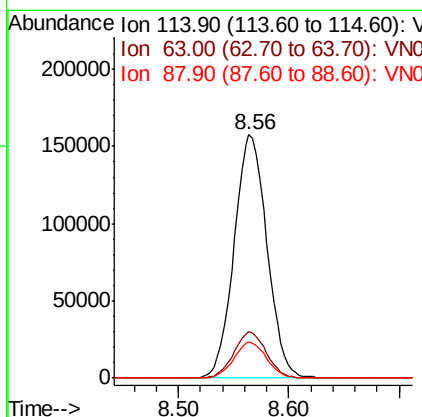
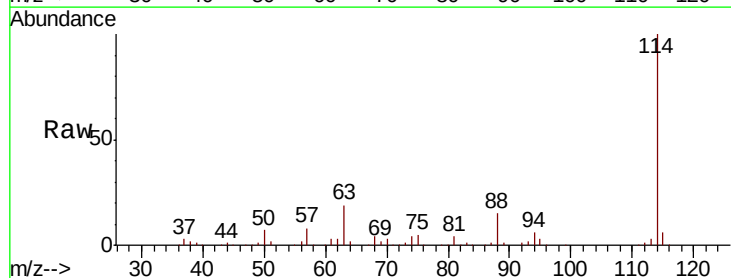
Instrument :
 MSVOA_N
 ClientSampled :

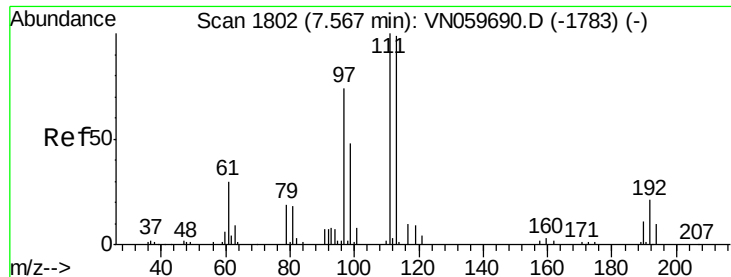
Tot Ion: 65 Resp: 117095
 Ion Ratio Lower Upper
 65 100
 67 52.0 0.0 103.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.56 min Scan# 2112
 Delta R.T. -0.00 min
 Lab File: VN059885.D
 Acq: 27 Jan 2020 20:09

Tgt Ion: 114 Resp: 325450
 Ion Ratio Lower Upper
 114 100
 63 18.9 0.0 43.6
 88 15.0 0.0 31.4

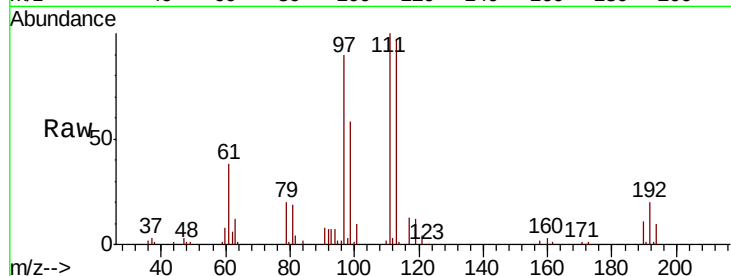




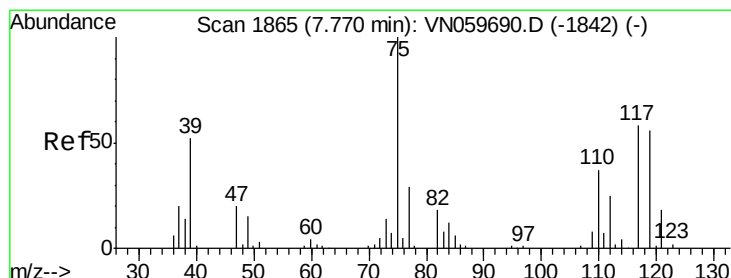
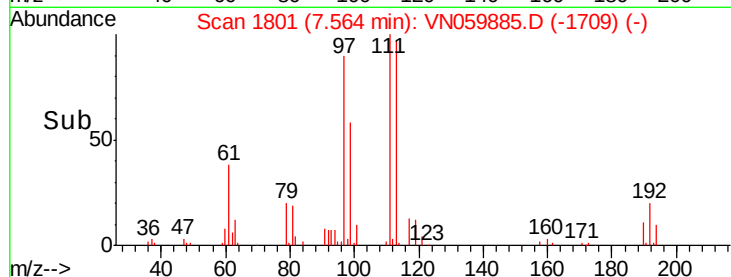
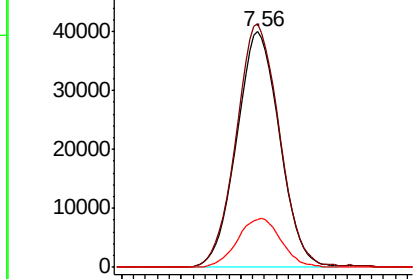
#35
 Dibromofluoromethane
 Concen: 51.582 ug/l
 RT: 7.56 min Scan# 1801
 Delta R.T. -0.00 min
 Lab File: VN059885.D
 Acq: 27 Jan 2020 20:09

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.7	83.5	125.3
192	20.9	15.4	23.2

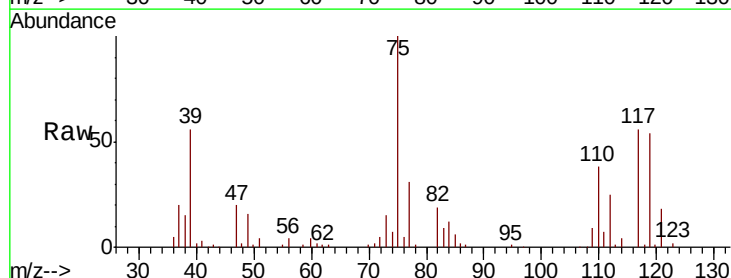


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

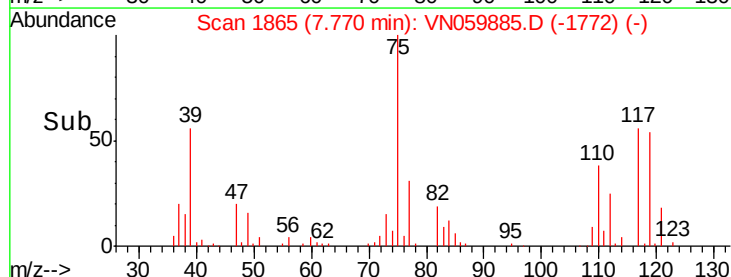
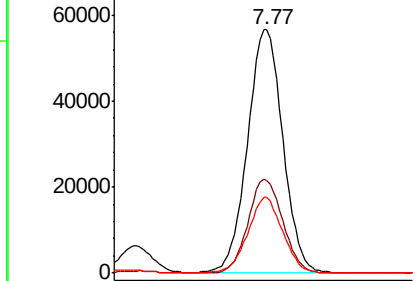


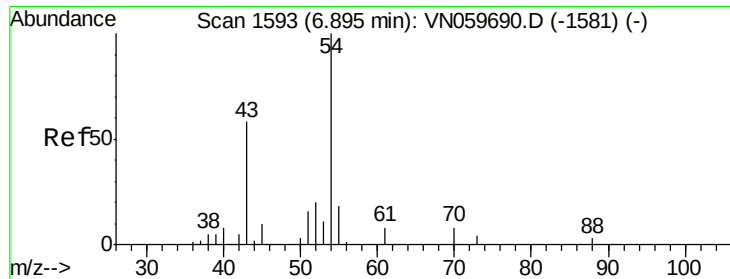
#36
 1,1-Dichloropropene
 Concen: 48.659 ug/l
 RT: 7.77 min Scan# 1865
 Delta R.T. 0.00 min
 Lab File: VN059885.D
 Acq: 27 Jan 2020 20:09

Tgt Ion	Ratio	Lower	Upper
75	100		
110	37.7	16.6	49.7
77	30.7	25.1	37.7



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

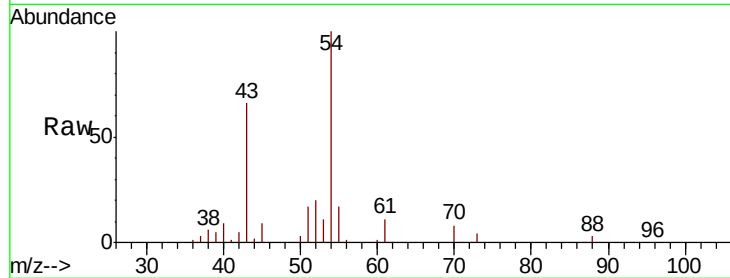




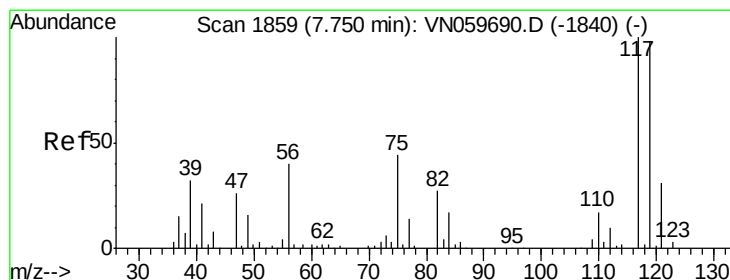
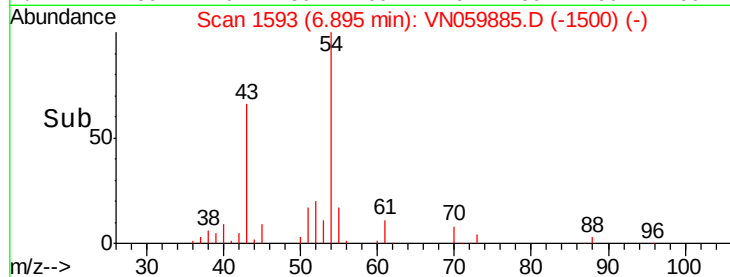
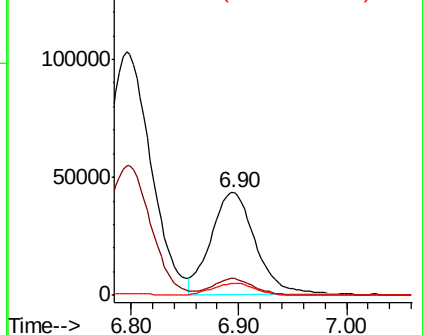
#37
Ethyl Acetate
Concen: 46.440 ug/l
RT: 6.90 min Scan# 1593
Delta R.T. 0.00 min
Lab File: VN059885.D
Acq: 27 Jan 2020 20:09

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 43 Resp: 123446
Ion Ratio Lower Upper
43 100
61 15.3 10.9 16.3
70 11.7 7.7 11.5#

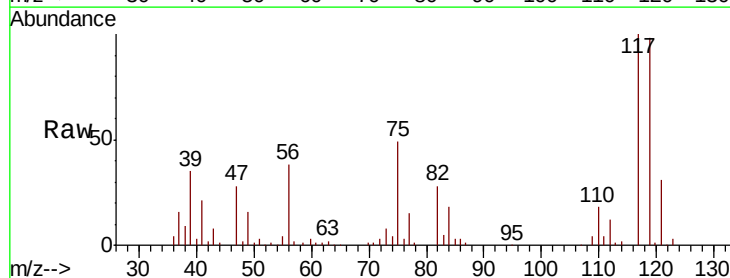


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 70.00 (69.70 to 70.70): VN0

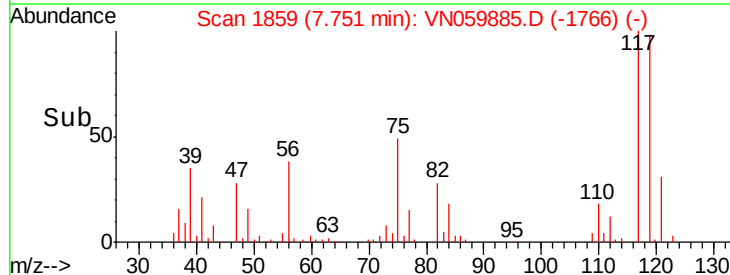
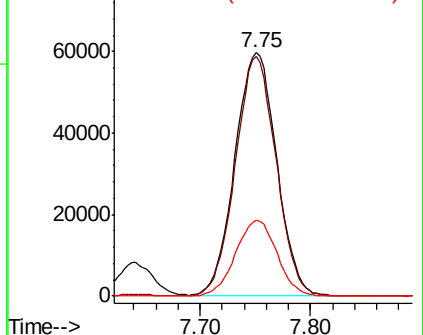


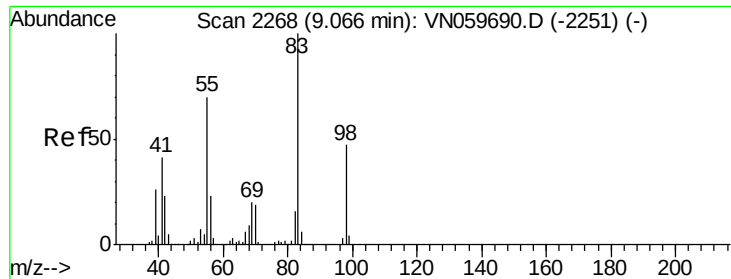
#38
Carbon Tetrachloride
Concen: 50.827 ug/l
RT: 7.75 min Scan# 1859
Delta R.T. 0.00 min
Lab File: VN059885.D
Acq: 27 Jan 2020 20:09

Tgt Ion: 117 Resp: 156697
Ion Ratio Lower Upper
117 100
119 98.2 76.5 114.7
121 31.0 25.1 37.7



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

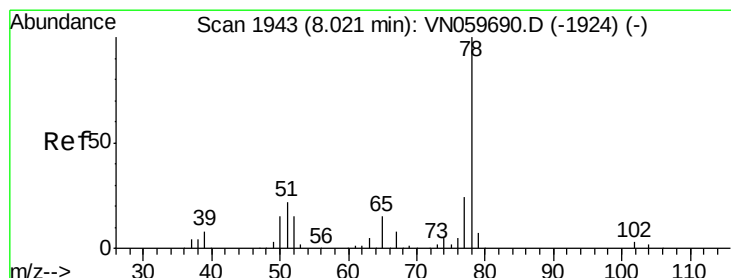
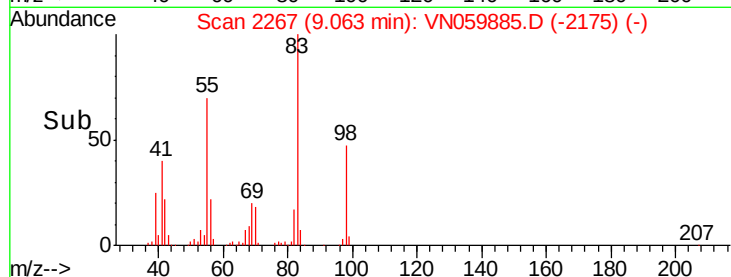
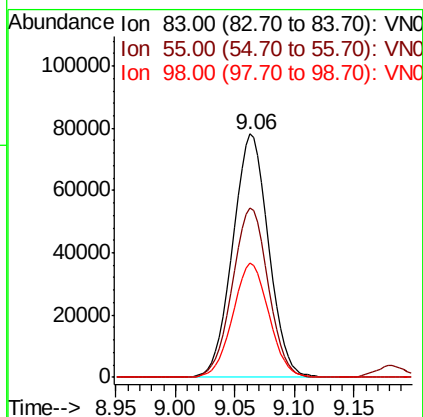
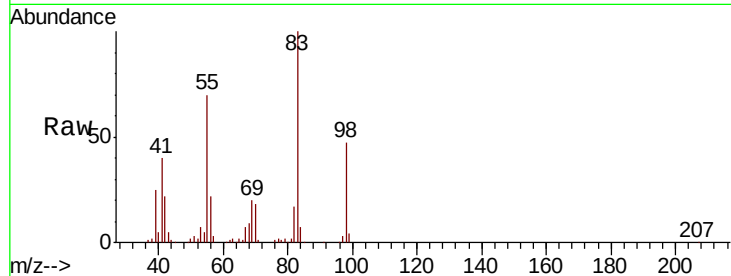




#39
Methylvlcyclohexane
Concen: 46.661 ug/l
RT: 9.06 min Scan# 2267
Delta R.T. -0.00 min
Lab File: VN059885.D
Acq: 27 Jan 2020 20:09

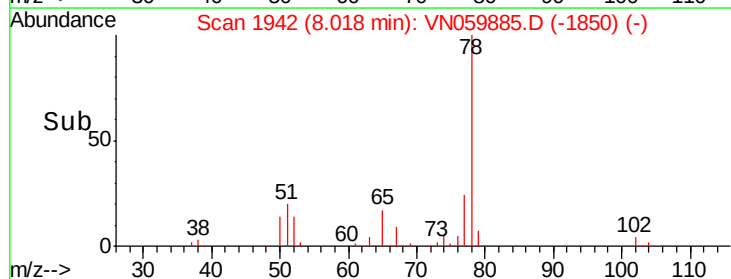
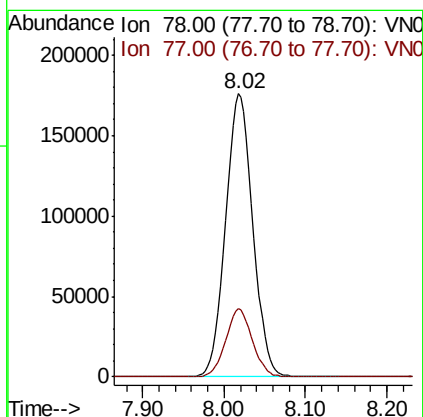
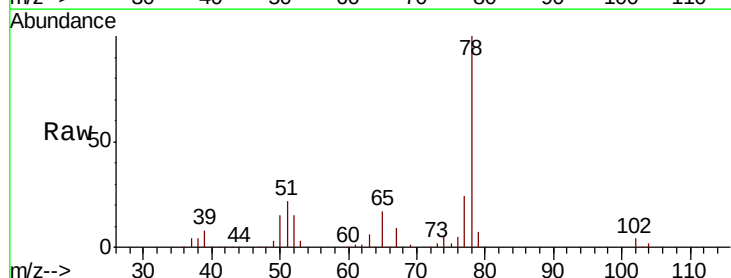
Instrument :
MSVOA_N
ClientSampled :

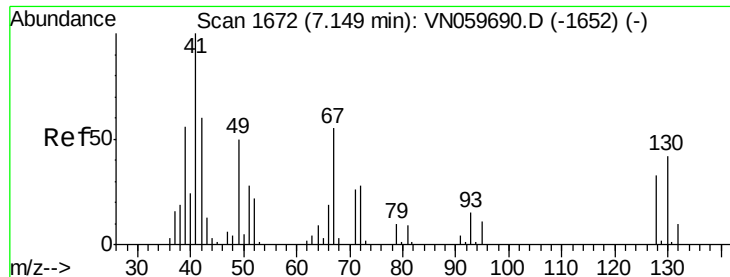
Tot Ion: 83 Resp: 163061
Ion Ratio Lower Upper
83 100
55 69.5 64.2 96.2
98 46.8 35.9 53.9



#40
Benzene
Concen: 48.806 ug/l
RT: 8.02 min Scan# 1942
Delta R.T. -0.00 min
Lab File: VN059885.D
Acq: 27 Jan 2020 20:09

Tgt Ion: 78 Resp: 412528
Ion Ratio Lower Upper
78 100
77 24.1 18.9 28.3

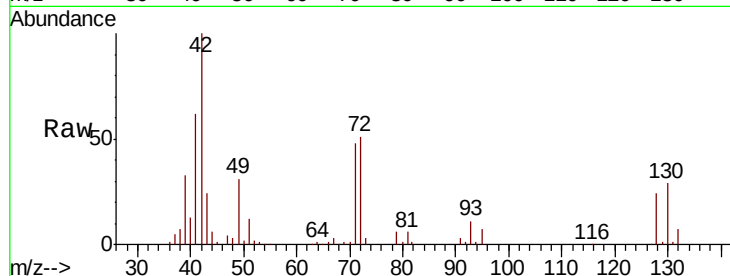




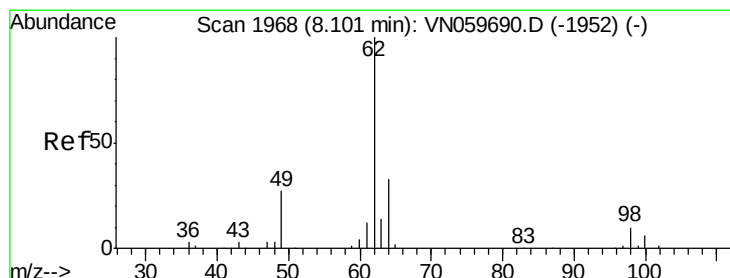
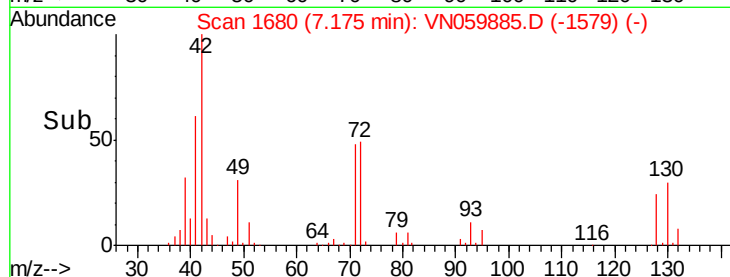
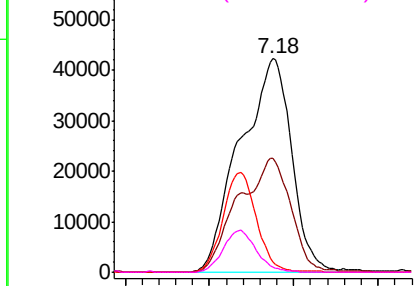
#41
Methacrylonitrile
Concen: 136.399 ug/l
RT: 7.18 min Scan# 1680
Delta R.T. 0.03 min
Lab File: VN059885.D
Acq: 27 Jan 2020 20:09

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 41 Resp: 178588
Ion Ratio Lower Upper
41 100
39 0.0 0.0 0.0
67 0.0 0.0 0.0
52 0.0 0.0 0.0

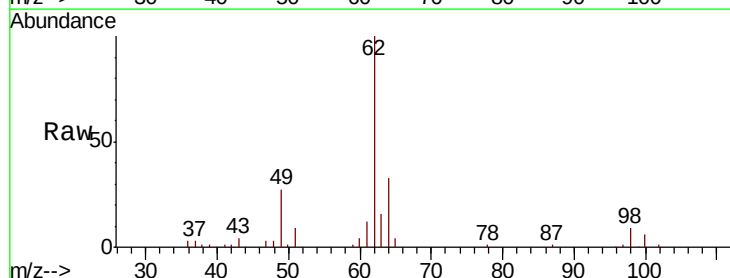


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 39.00 (38.70 to 39.70): VN0
Ion 67.00 (66.70 to 67.70): VN0
Ion 52.00 (51.70 to 52.70): VN0

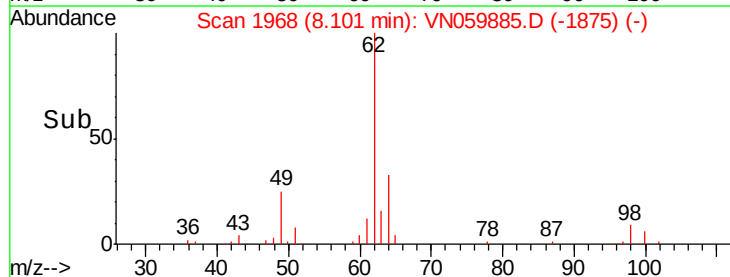
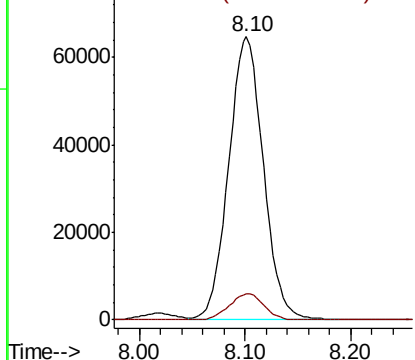


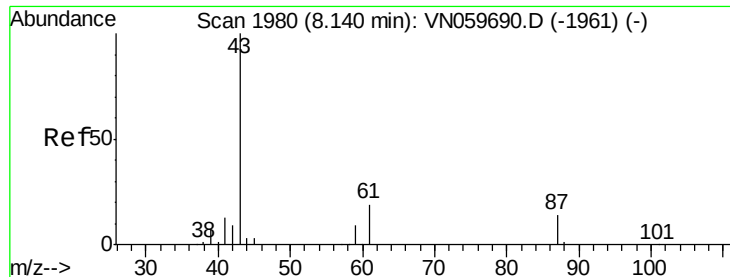
#42
1,2-Dichloroethane
Concen: 51.627 ug/l
RT: 8.10 min Scan# 1968
Delta R.T. 0.00 min
Lab File: VN059885.D
Acq: 27 Jan 2020 20:09

Tgt Ion: 62 Resp: 147955
Ion Ratio Lower Upper
62 100
98 9.1 0.0 15.8



Abundance Ion 61.90 (61.60 to 62.60): VN0
Ion 97.90 (97.60 to 98.60): VN0





#43

Isopropyl Acetate

Concen: 47.456 ug/l

RT: 8.14 min Scan# 1980

Delta R.T. 0.00 min

Lab File: VN059885.D

Acq: 27 Jan 2020 20:09

Instrument :

MSVOA_N

ClientSampleId :

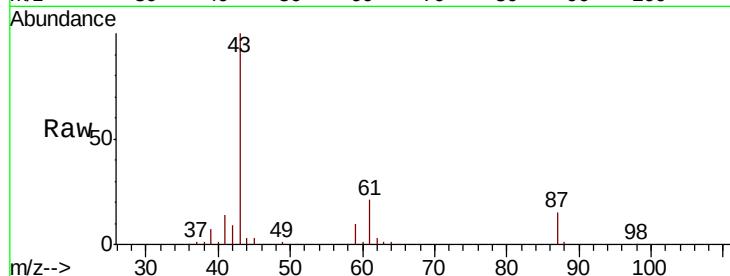
Tot Ion: 43 Resp: 216977

Ion Ratio Lower Upper

43 100

61 27.9 20.2 30.2

87 15.2 9.5 14.3#



Abundance Ion 43.00 (42.70 to 43.70): VN059690.D (-1961) (-)

Ion 61.00 (60.70 to 61.70): VN059690.D (-1961) (-)

Ion 87.00 (86.70 to 87.70): VN059690.D (-1961) (-)

8.14

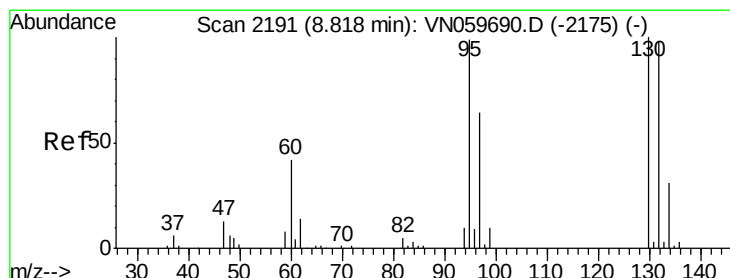
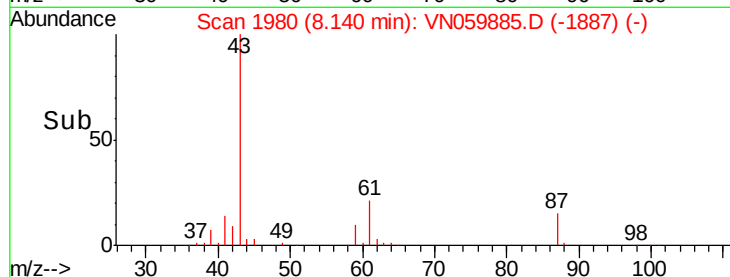
100000

50000

0

8.05 8.10 8.15 8.20

Time-->



#44

Trichloroethene

Concen: 50.343 ug/l

RT: 8.82 min Scan# 2191

Delta R.T. 0.00 min

Lab File: VN059885.D

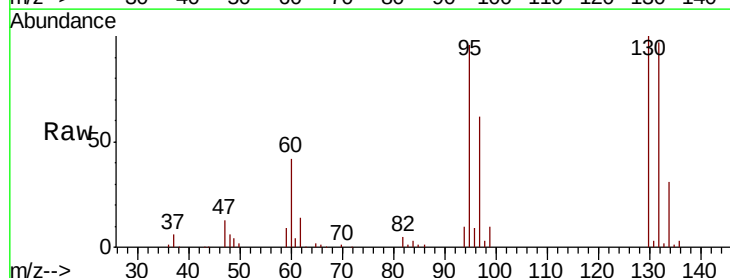
Acq: 27 Jan 2020 20:09

Tgt Ion:130 Resp: 116162

Ion Ratio Lower Upper

130 100

95 95.7 0.0 207.0



Abundance Ion 129.80 (129.50 to 130.50): VN059690.D (-2175) (-)

Ion 94.90 (94.60 to 95.60): VN059690.D (-2175) (-)

8.82

60000

50000

40000

30000

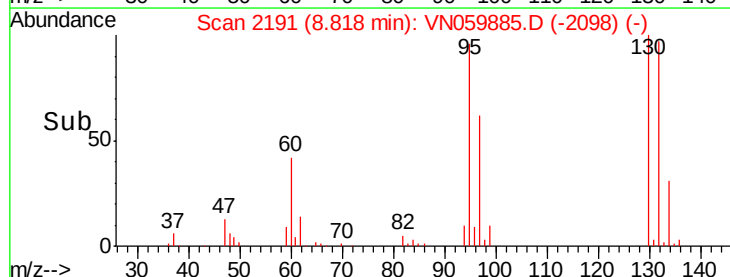
20000

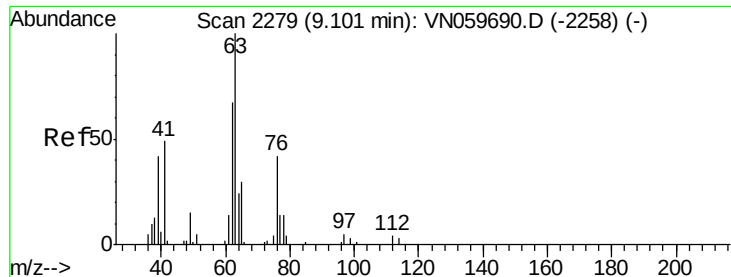
10000

0

8.75 8.80 8.85 8.90

Time-->





#45

1,2-Dichloropropane

Concen: 50.427 ug/l

RT: 9.10 min Scan# 2279

Delta R.T. 0.00 min

Lab File: VN059885.D

Acq: 27 Jan 2020 20:09

Instrument :

MSVOA_N

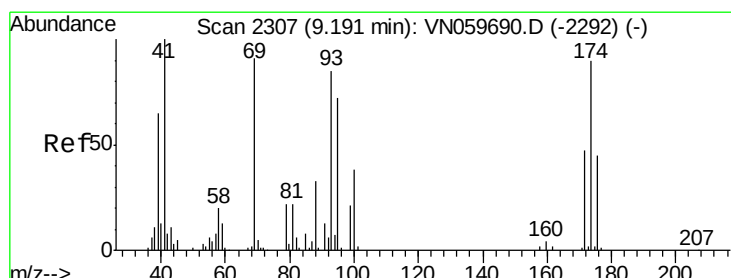
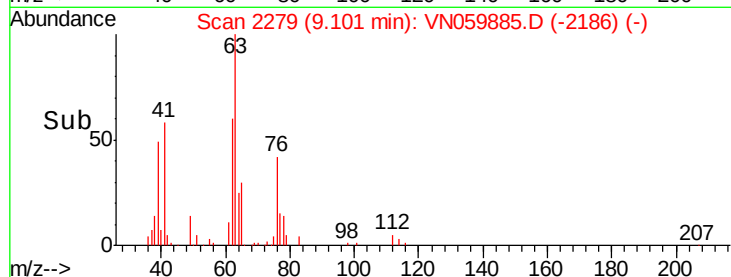
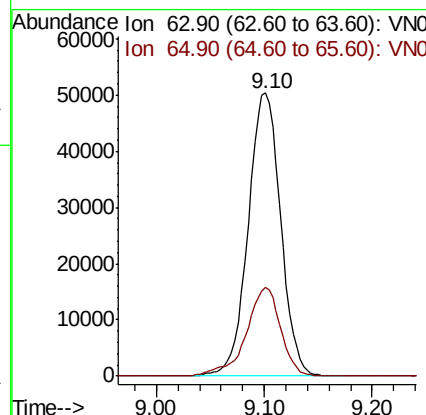
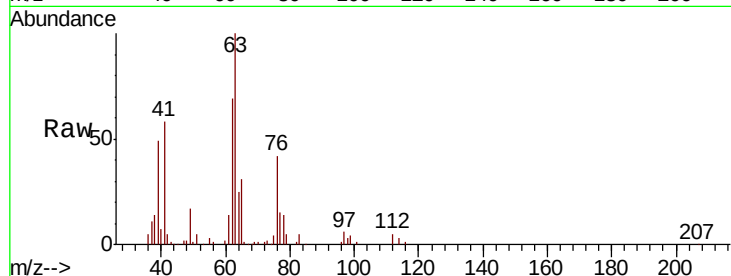
ClientSampled :

Tot Ion: 63 Resp: 105471

Ion Ratio Lower Upper

63 100

65 31.2 24.9 37.3



#46

Dibromomethane

Concen: 51.319 ug/l

RT: 9.19 min Scan# 2307

Delta R.T. 0.00 min

Lab File: VN059885.D

Acq: 27 Jan 2020 20:09

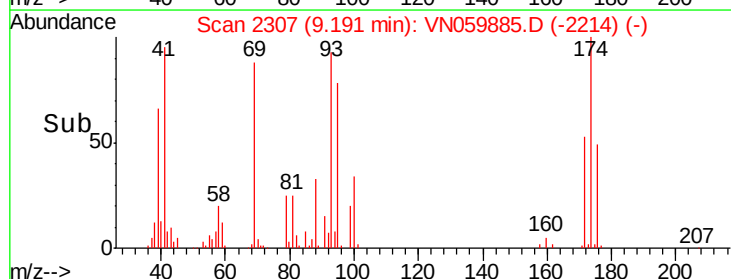
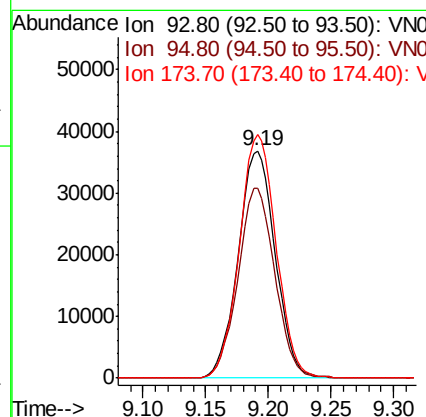
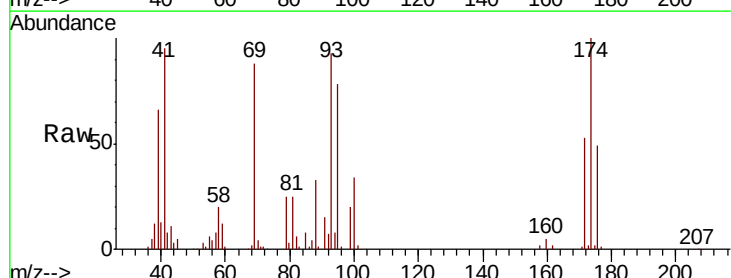
Tgt Ion: 93 Resp: 75716

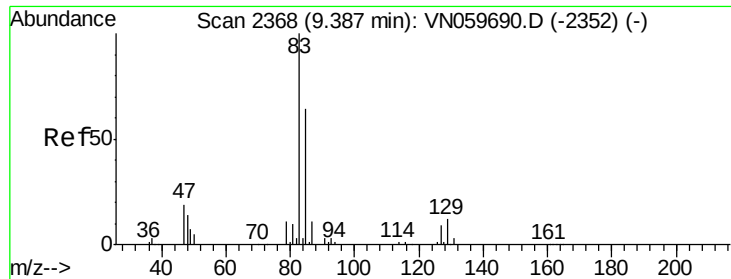
Ion Ratio Lower Upper

93 100

95 83.0 67.0 100.6

174 106.2 73.4 110.2

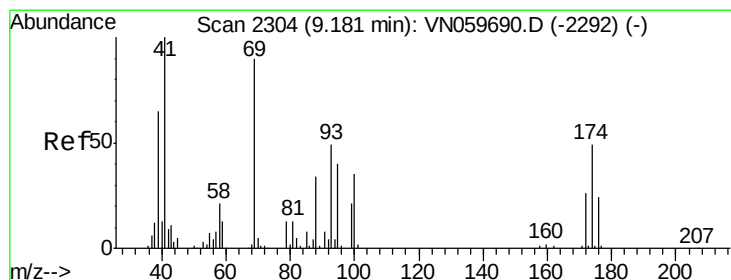
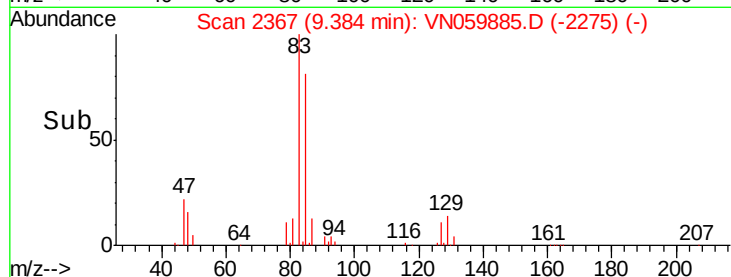
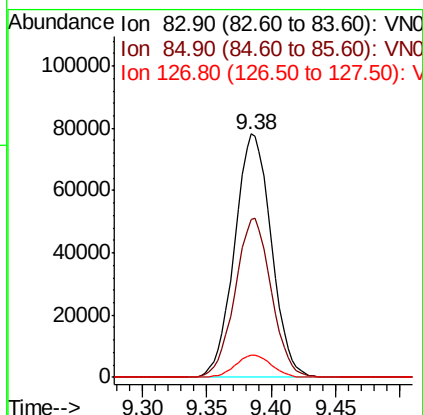
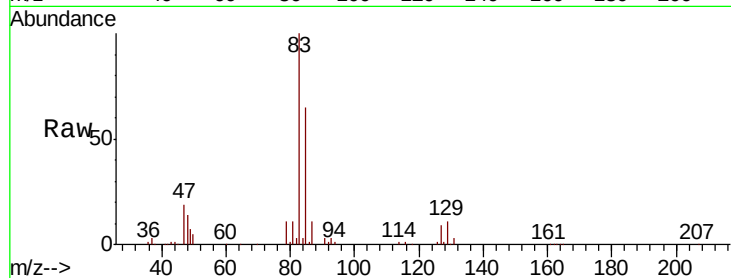




#47
 Bromodichloromethane
 Concen: 52.025 ug/l
 RT: 9.38 min Scan# 2367
 Delta R.T. -0.00 min
 Lab File: VN059885.D
 Acq: 27 Jan 2020 20:09

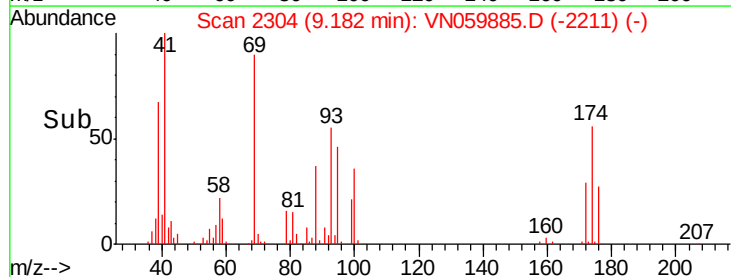
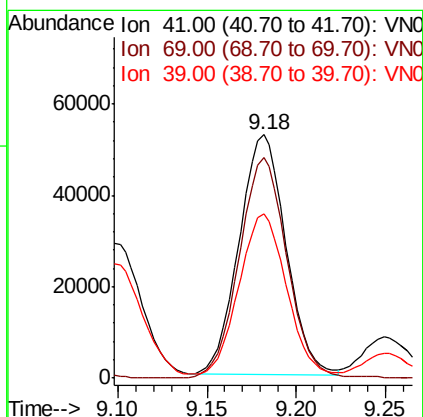
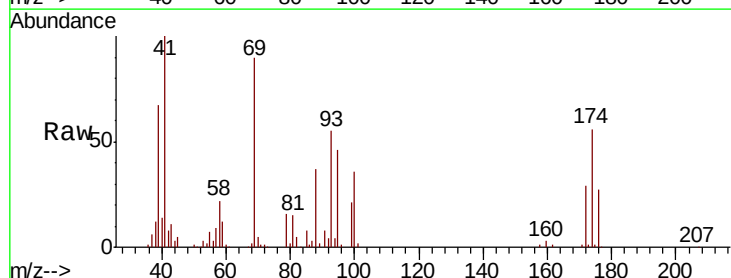
Instrument :
 MSVOA_N
 ClientSampled :

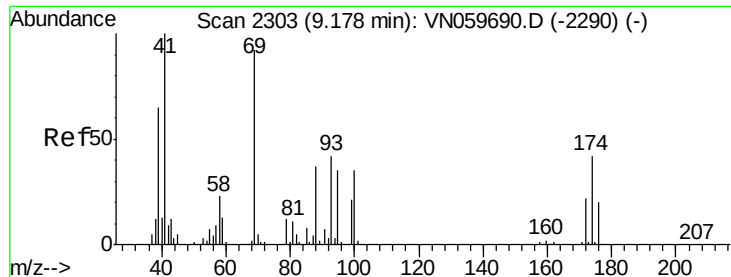
Tot Ion: 83 Resp: 154680
 Ion Ratio Lower Upper
 83 100
 85 64.8 51.1 76.7
 127 9.0 6.6 9.8



#48
 Methyl methacrylate
 Concen: 47.156 ug/l
 RT: 9.18 min Scan# 2304
 Delta R.T. 0.00 min
 Lab File: VN059885.D
 Acq: 27 Jan 2020 20:09

Tgt Ion: 41 Resp: 96440
 Ion Ratio Lower Upper
 41 100
 69 94.2 64.4 96.6
 39 71.0 51.3 76.9

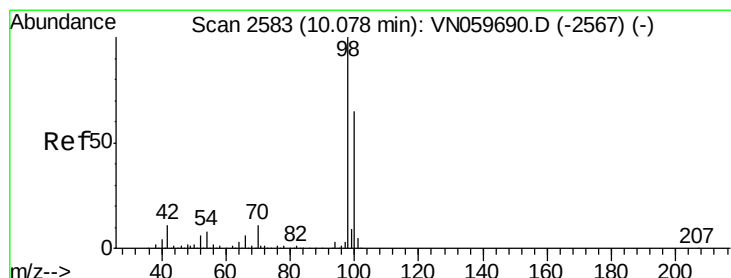
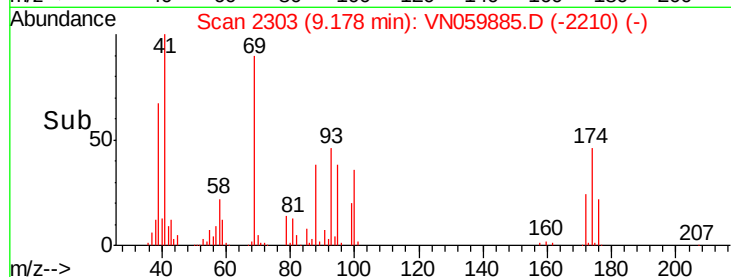
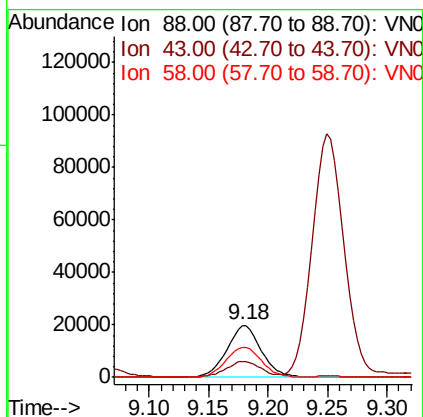
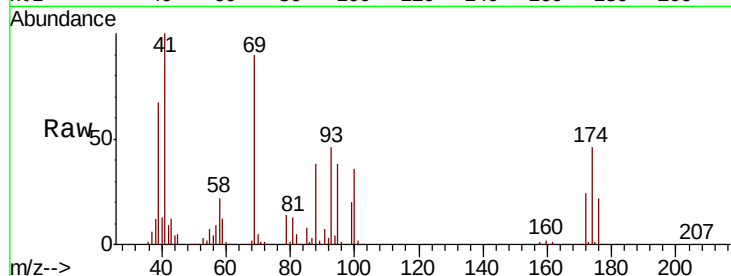




#49
1,4-Dioxane
Concen: 1053.053 ug/l
RT: 9.18 min Scan# 2303
Delta R.T. 0.00 min
Lab File: VN059885.D
Acq: 27 Jan 2020 20:09

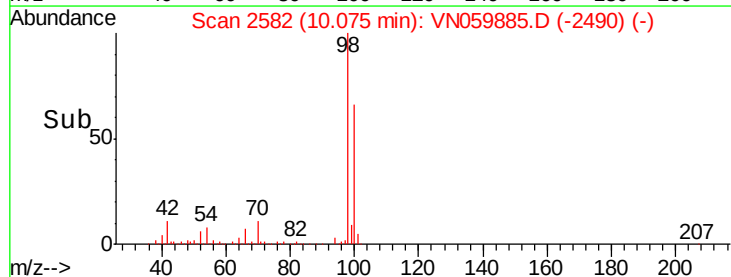
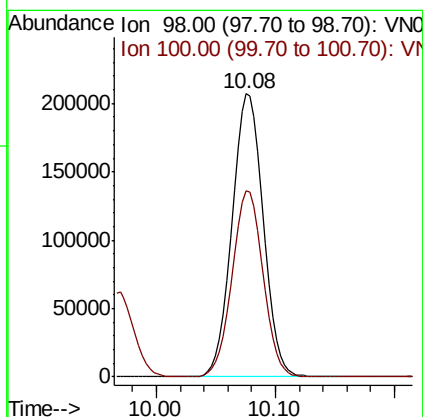
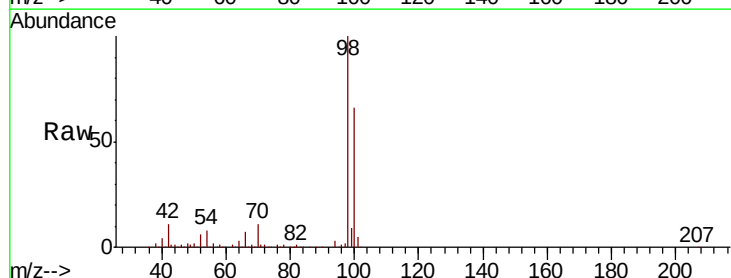
Instrument :
MSVOA_N
ClientSampleId :

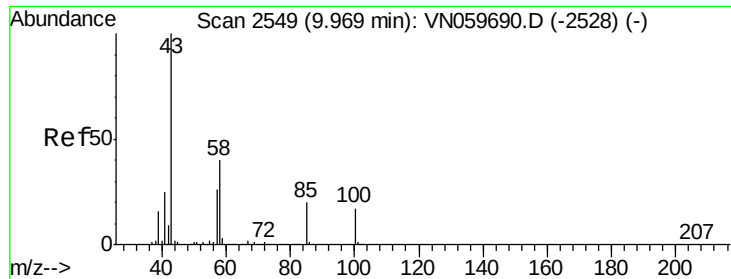
Tot Ion: 88 Resp: 39425
Ion Ratio Lower Upper
88 100
43 29.6 29.7 44.5#
58 60.6 56.6 85.0



#50
Toluene-d8
Concen: 49.983 ug/l
RT: 10.08 min Scan# 2582
Delta R.T. -0.00 min
Lab File: VN059885.D
Acq: 27 Jan 2020 20:09

Tgt Ion: 98 Resp: 375851
Ion Ratio Lower Upper
98 100
100 65.3 51.2 76.8

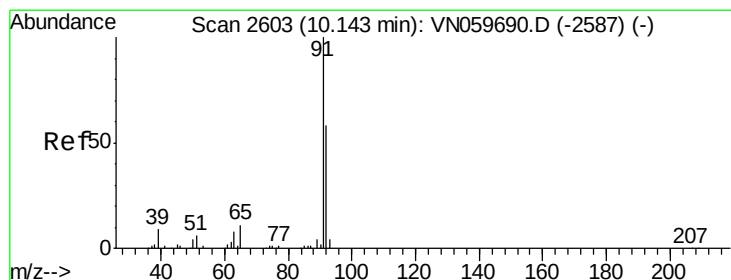
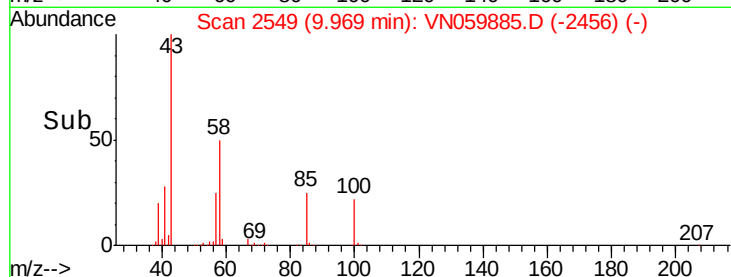
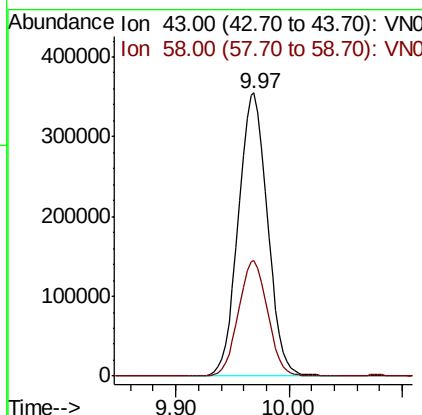
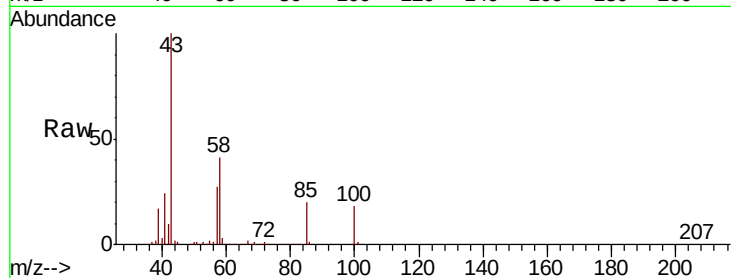




#51
 4-Methyl-2-Pentanone
 Concen: 240.814 ug/l
 RT: 9.97 min Scan# 2549
 Delta R.T. 0.00 min
 Lab File: VN059885.D
 Acq: 27 Jan 2020 20:09

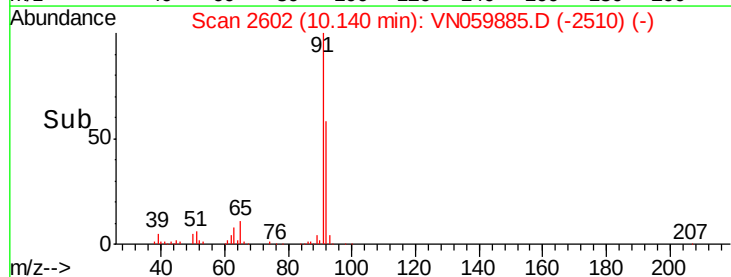
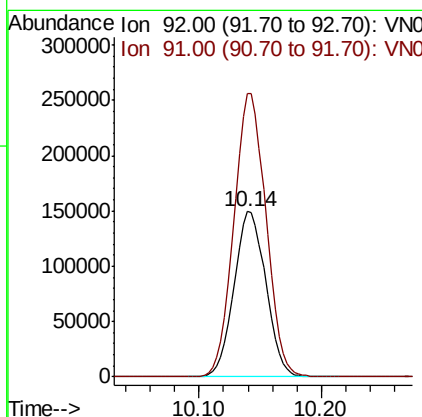
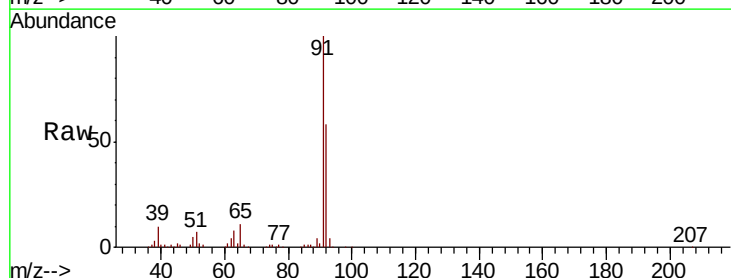
Instrument :
 MSVOA_N
 ClientSampleId :

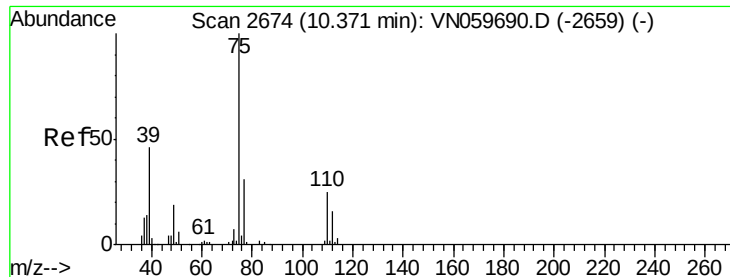
Tot Ion: 43 Resp: 636479
 Ion Ratio Lower Upper
 43 100
 58 41.0 29.8 44.8



#52
 Toluene
 Concen: 50.592 ug/l
 RT: 10.14 min Scan# 2602
 Delta R.T. -0.00 min
 Lab File: VN059885.D
 Acq: 27 Jan 2020 20:09

Tgt Ion: 92 Resp: 270110
 Ion Ratio Lower Upper
 92 100
 91 172.9 140.4 210.6





#53

t-1,3-Dichloropropene

Concen: 51.101 ug/l

RT: 10.37 min Scan# 2673

Delta R.T. -0.00 min

Lab File: VN059885.D

Acq: 27 Jan 2020 20:09

Instrument :

MSVOA_N

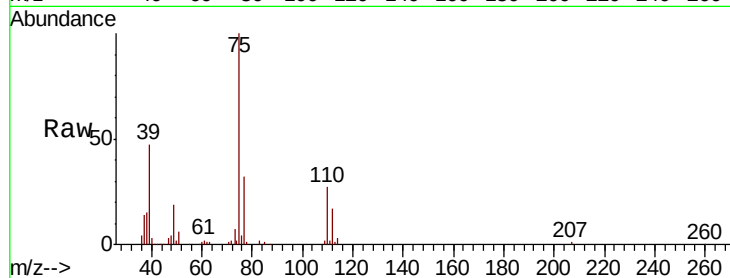
ClientSampled :

Tot Ion: 75 Resp: 169646

Ion Ratio Lower Upper

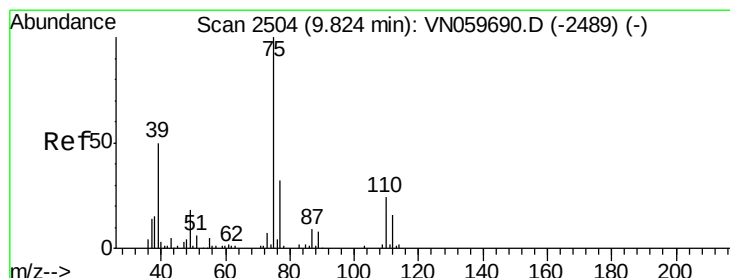
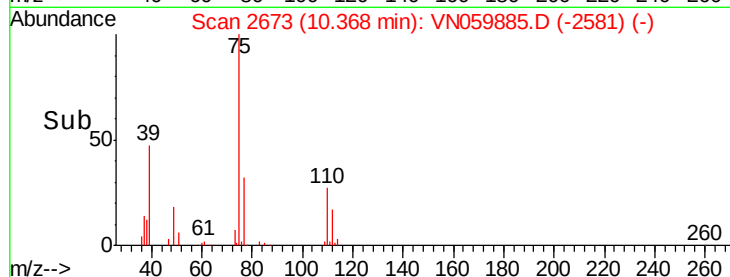
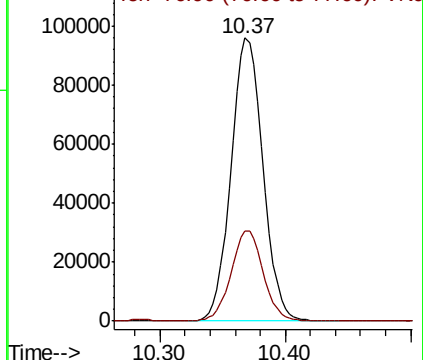
75 100

77 31.7 25.4 38.2



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



#54

cis-1,3-Dichloropropene

Concen: 51.300 ug/l

RT: 9.82 min Scan# 2504

Delta R.T. 0.00 min

Lab File: VN059885.D

Acq: 27 Jan 2020 20:09

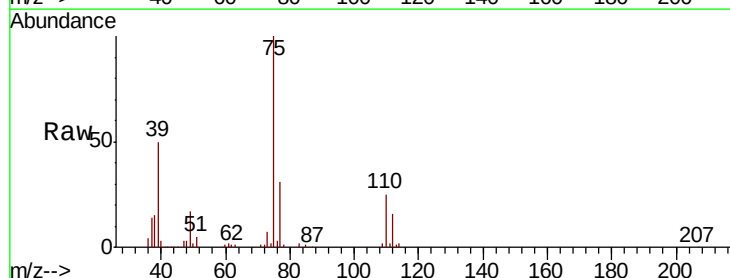
Tgt Ion: 75 Resp: 179193

Ion Ratio Lower Upper

75 100

77 31.5 25.1 37.7

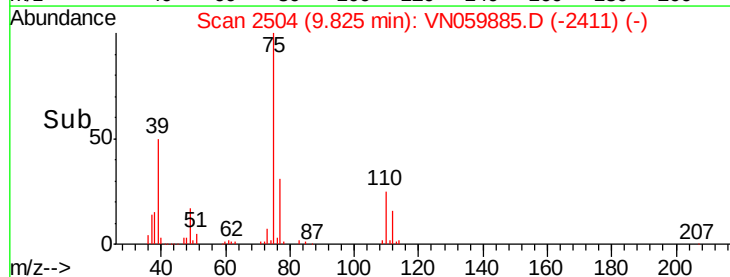
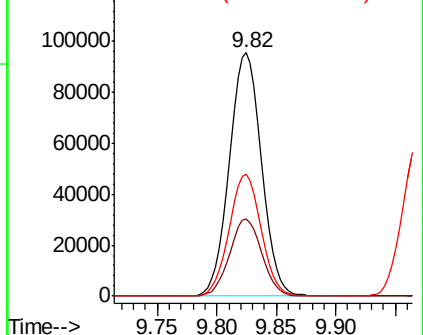
39 50.1 46.1 69.1

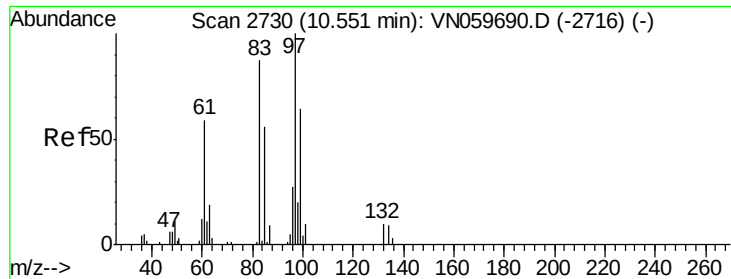


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0

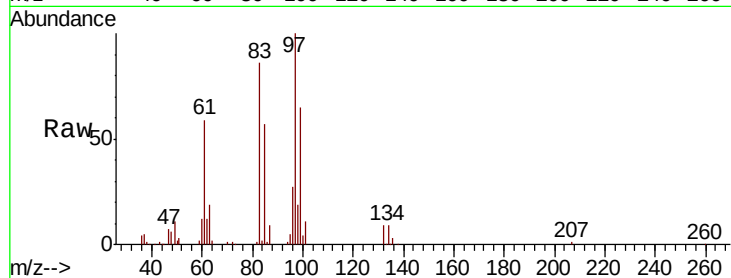




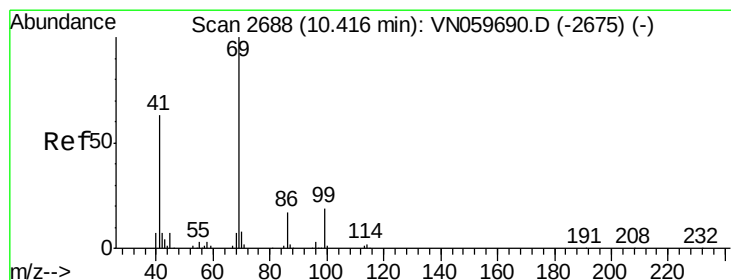
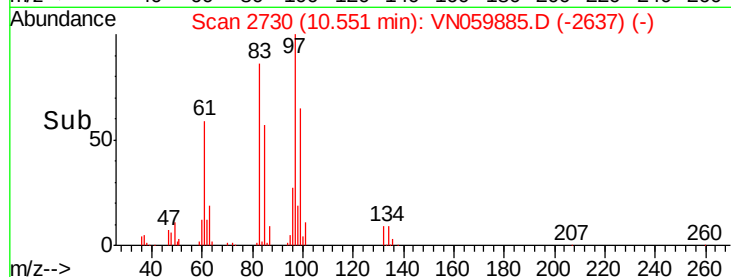
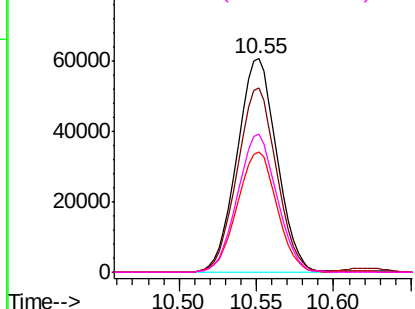
#55
 1,1,2-Trichloroethane
 Concen: 51.356 ug/l
 RT: 10.55 min Scan# 2730
 Delta R.T. 0.00 min
 Lab File: VN059885.D
 Acq: 27 Jan 2020 20:09

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:	97	Resp:	108593
Ion	Ratio	Lower	Upper
97	100		
83	86.2	71.3	106.9
85	56.5	45.8	68.8
99	64.6	50.0	75.0

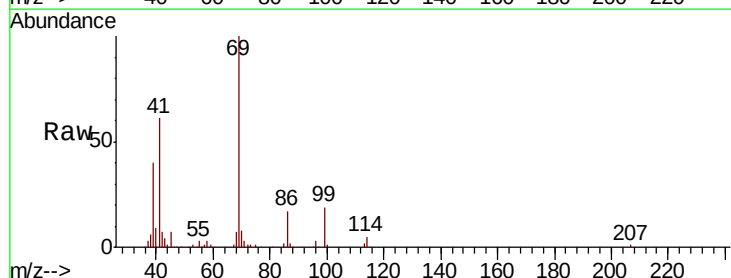


Abundance Ion 96.90 (96.60 to 97.60): VNO
 Ion 82.90 (82.60 to 83.60): VNO
 Ion 84.90 (84.60 to 85.60): VNO
 Ion 98.90 (98.60 to 99.60): VNO

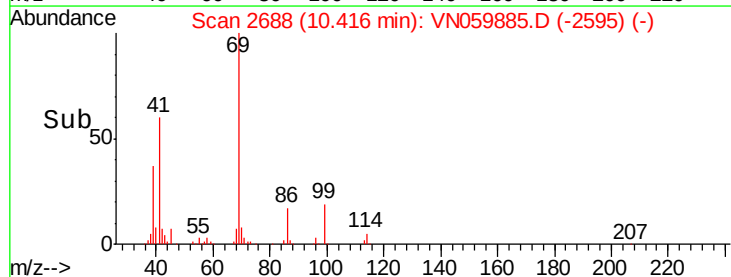
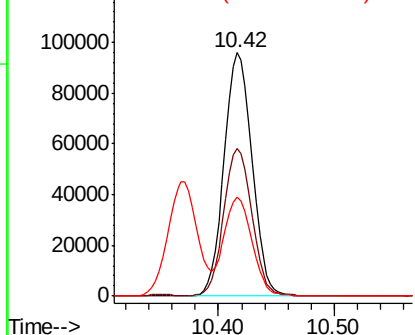


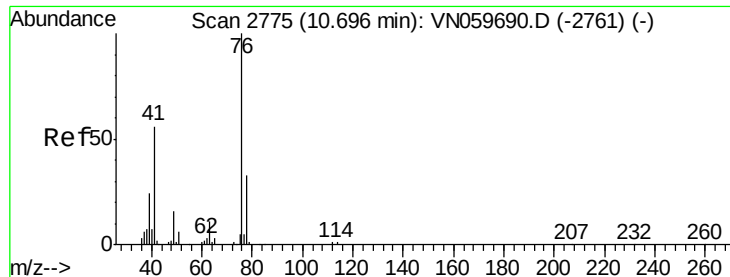
#56
 Ethyl methacrylate
 Concen: 49.638 ug/l
 RT: 10.42 min Scan# 2688
 Delta R.T. 0.00 min
 Lab File: VN059885.D
 Acq: 27 Jan 2020 20:09

Tgt Ion:	69	Resp:	160381
Ion	Ratio	Lower	Upper
69	100		
41	60.4	57.1	85.7
39	40.9	34.7	52.1



Abundance Ion 69.00 (68.70 to 69.70): VNO
 Ion 41.00 (40.70 to 41.70): VNO
 Ion 39.00 (38.70 to 39.70): VNO





#57

1,3-Dichloropropane

Concen: 52.200 ug/l

RT: 10.70 min Scan# 2775

Delta R.T. 0.00 min

Lab File: VN059885.D

Acq: 27 Jan 2020 20:09

Instrument :

MSVOA_N

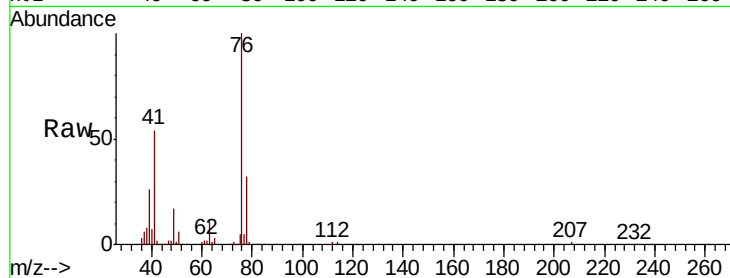
ClientSampled :

Tot Ion: 76 Resp: 175238

Ion Ratio Lower Upper

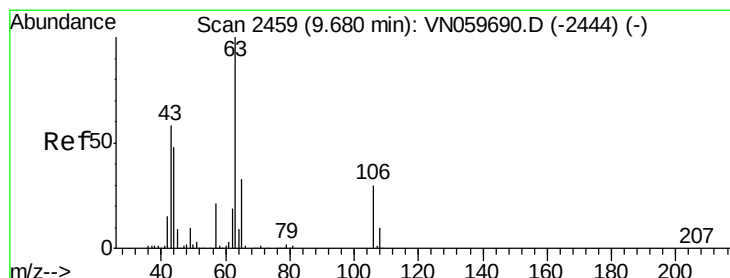
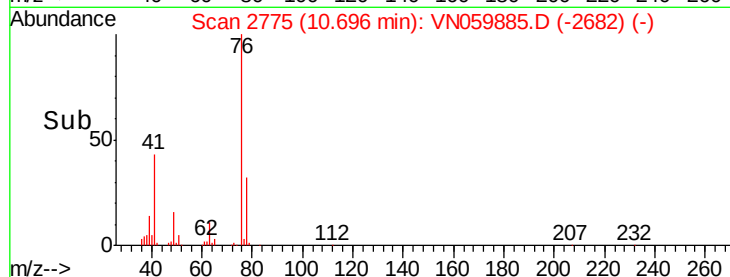
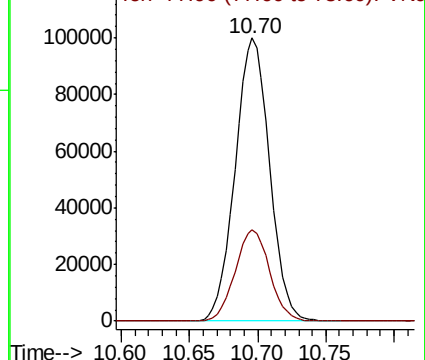
76 100

78 32.1 25.8 38.8



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#58

2-Chloroethyl Vinyl ether

Concen: 264.382 ug/l

RT: 9.68 min Scan# 2459

Delta R.T. 0.00 min

Lab File: VN059885.D

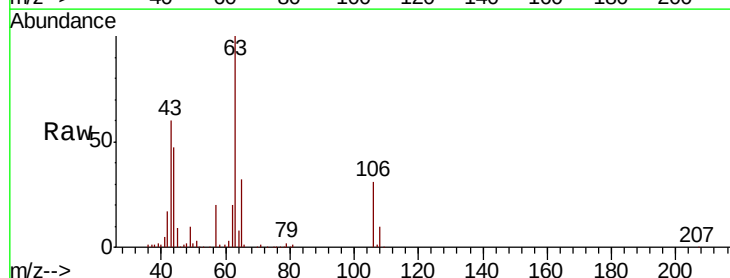
Acq: 27 Jan 2020 20:09

Tgt Ion: 63 Resp: 257294

Ion Ratio Lower Upper

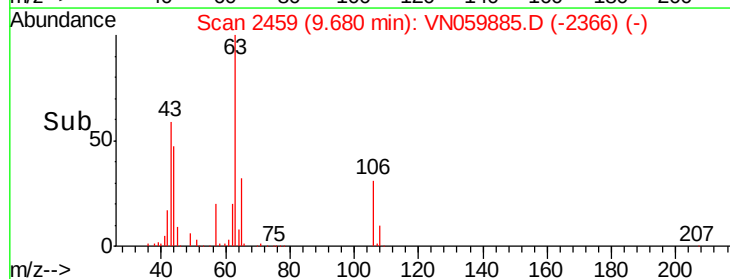
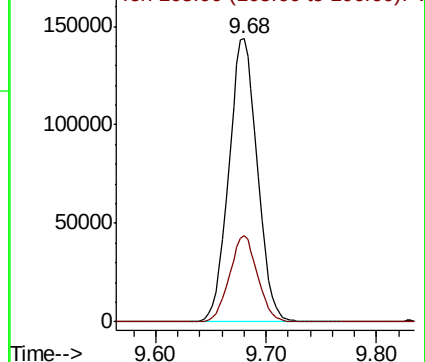
63 100

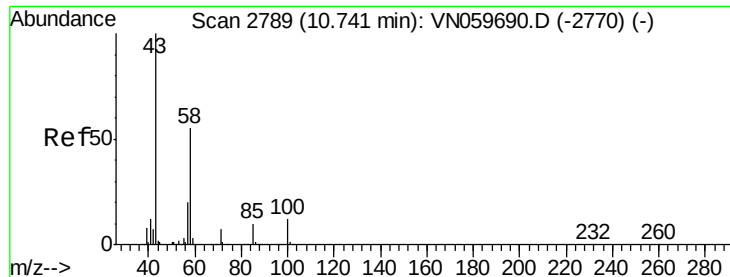
106 29.9 20.2 30.2



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V





#59

2-Hexanone

Concen: 237.984 ug/l

RT: 10.74 min Scan# 2789

Delta R.T. 0.00 min

Lab File: VN059885.D

Acq: 27 Jan 2020 20:09

Instrument :

MSVOA_N

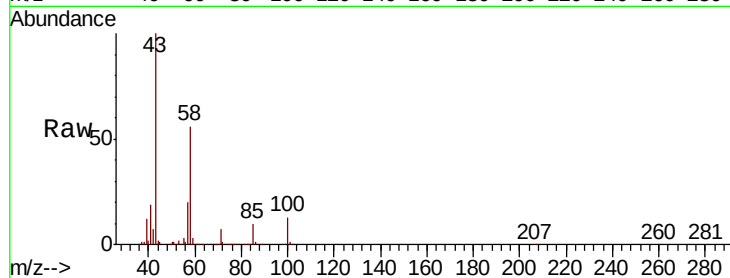
ClientSampled :

Tot Ion: 43 Resp: 463386

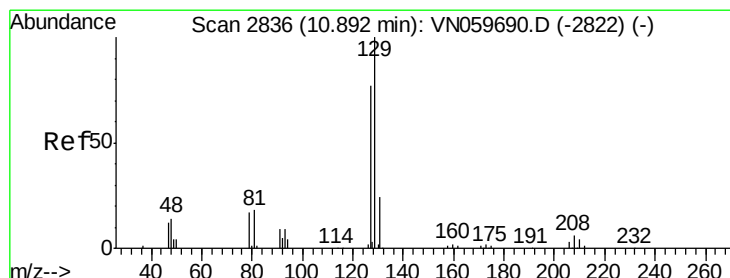
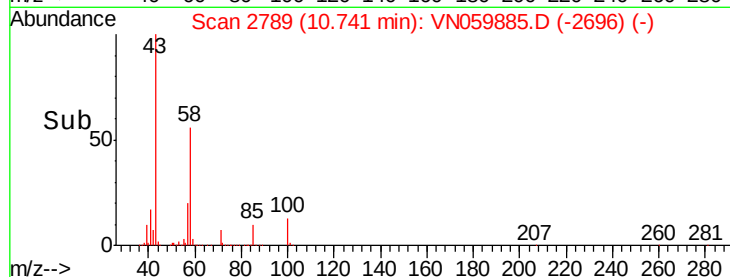
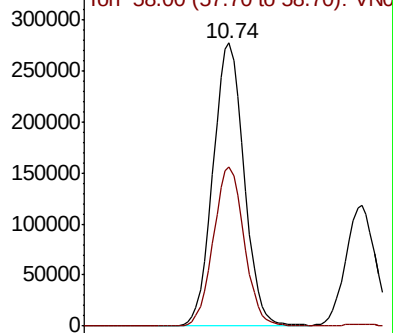
Ion Ratio Lower Upper

43 100

58 56.1 25.8 77.3



Abundance Ion 43.00 (42.70 to 43.70): VN059690.D (-2770) (-)



#60

Dibromochloromethane

Concen: 53.089 ug/l

RT: 10.89 min Scan# 2836

Delta R.T. 0.00 min

Lab File: VN059885.D

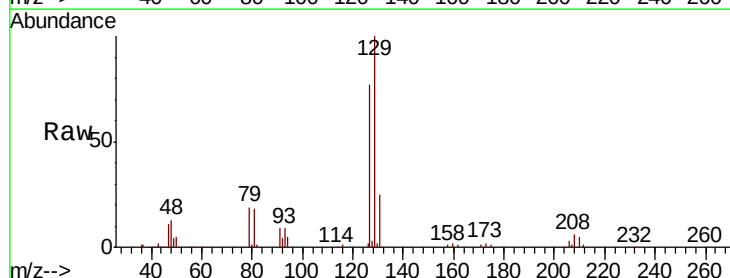
Acq: 27 Jan 2020 20:09

Tgt Ion:129 Resp: 127835

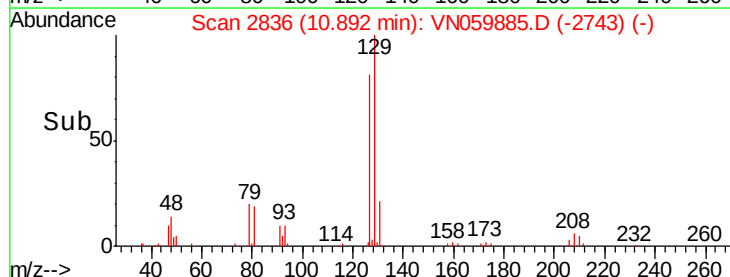
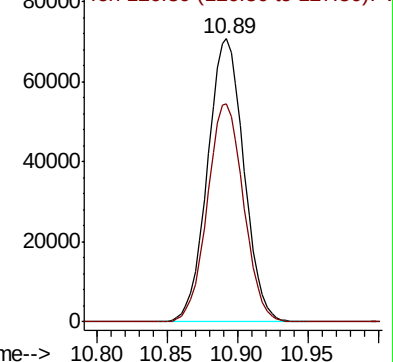
Ion Ratio Lower Upper

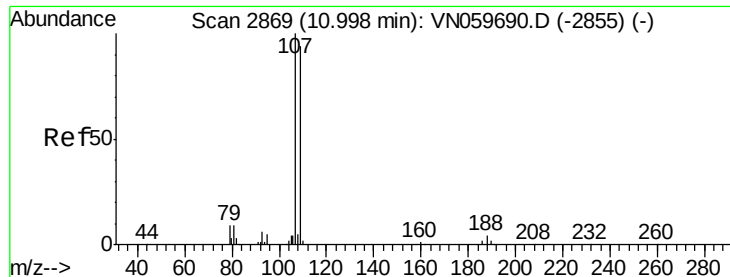
129 100

127 76.7 38.5 115.5



Abundance Ion 128.80 (128.50 to 129.50): VN059690.D (-2822) (-)

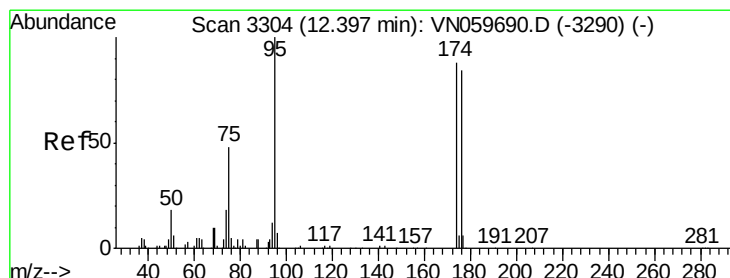
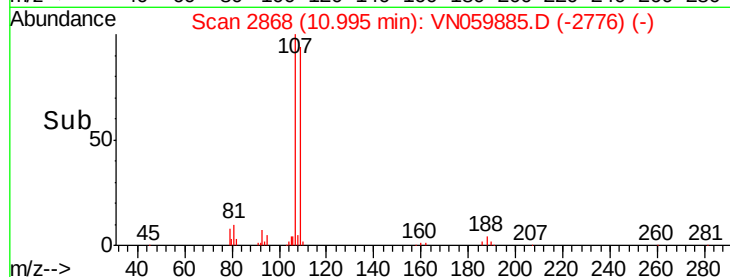
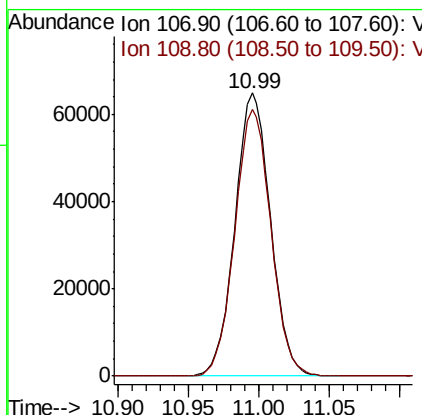
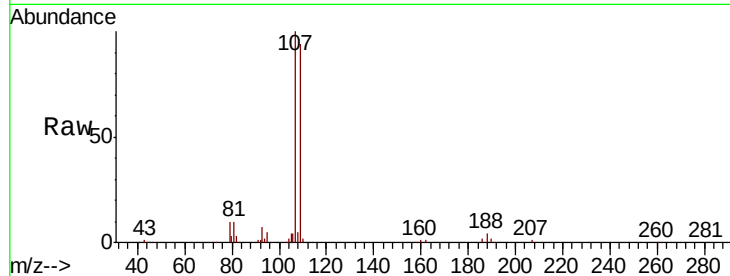




#61
 1,2-Dibromoethane
 Concen: 51.768 ug/l
 RT: 10.99 min Scan# 2868
 Delta R.T. -0.00 min
 Lab File: VN059885.D
 Acq: 27 Jan 2020 20:09

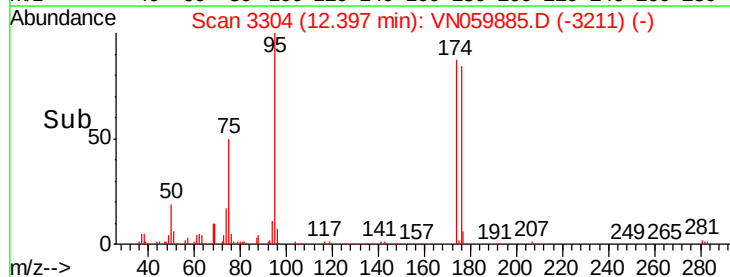
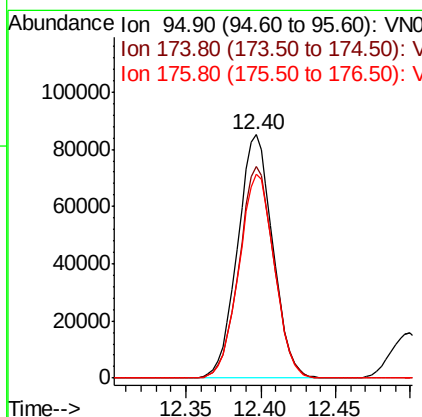
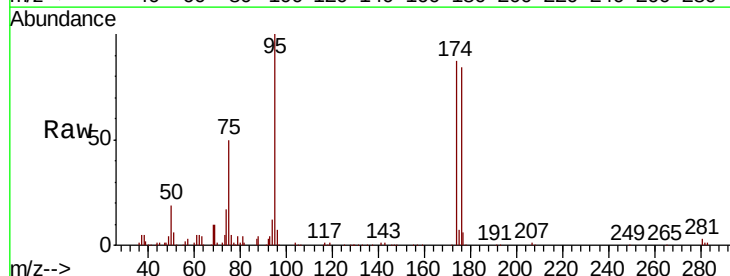
Instrument :
 MSVOA_N
 ClientSampleId :

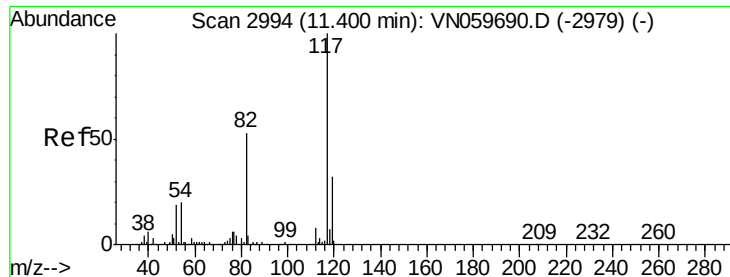
Tot Ion:107 Resp: 114731
 Ion Ratio Lower Upper
 107 100
 109 95.5 76.6 115.0



#62
 4-Bromofluorobenzene
 Concen: 51.298 ug/l
 RT: 12.40 min Scan# 3304
 Delta R.T. 0.00 min
 Lab File: VN059885.D
 Acq: 27 Jan 2020 20:09

Tgt Ion: 95 Resp: 139059
 Ion Ratio Lower Upper
 95 100
 174 86.5 0.0 151.4
 176 84.2 0.0 146.0

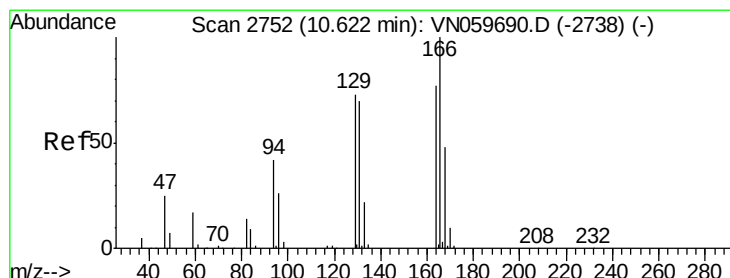
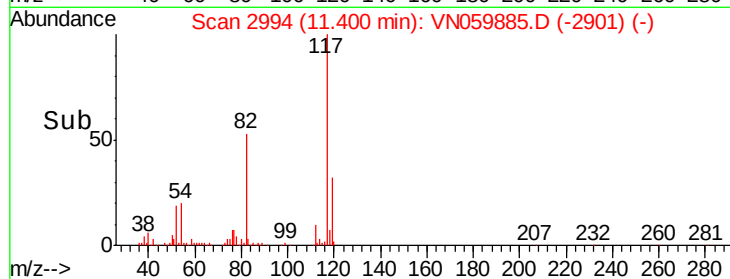
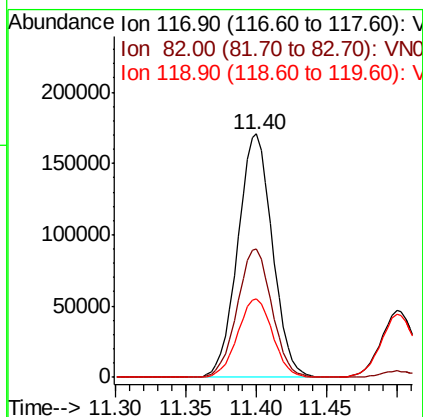
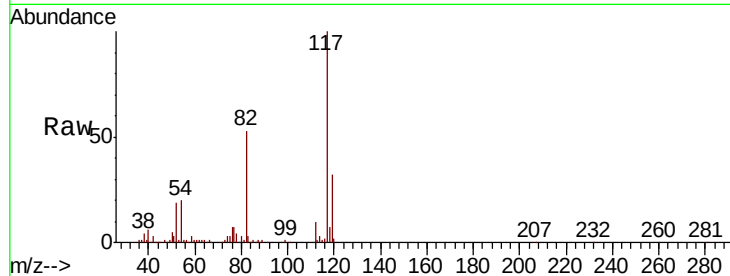




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. 0.00 min
Lab File: VN059885.D
Acq: 27 Jan 2020 20:09

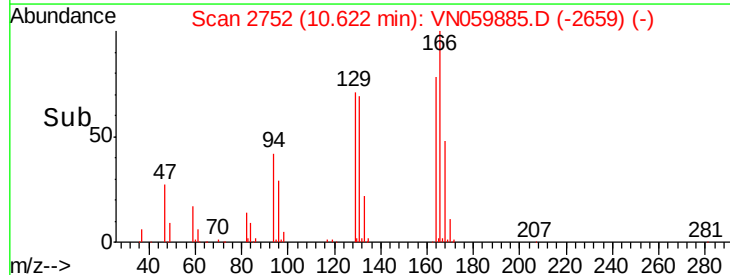
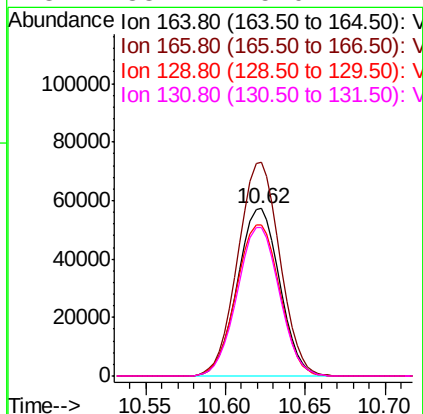
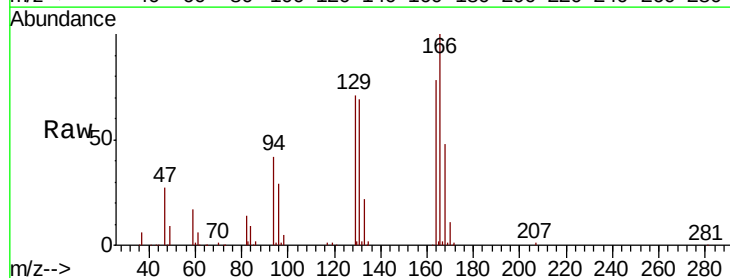
Instrument :
MSVOA_N
ClientSampled :

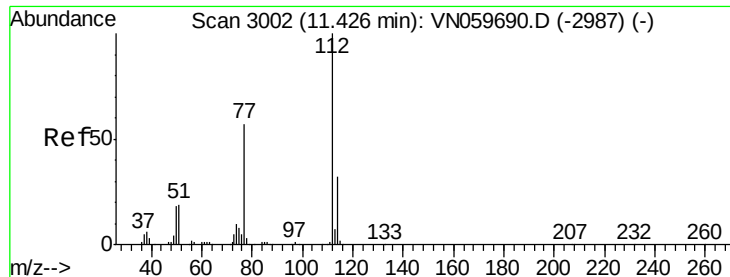
Tot Ion:117 Resp: 293792
Ion Ratio Lower Upper
117 100
82 52.7 45.9 68.9
119 32.3 25.5 38.3



#64
Tetrachloroethene
Concen: 43.074 ug/l
RT: 10.62 min Scan# 2752
Delta R.T. 0.00 min
Lab File: VN059885.D
Acq: 27 Jan 2020 20:09

Tgt Ion:164 Resp: 103138
Ion Ratio Lower Upper
164 100
166 127.7 101.4 152.0
129 90.1 80.2 120.4
131 88.7 75.0 112.4

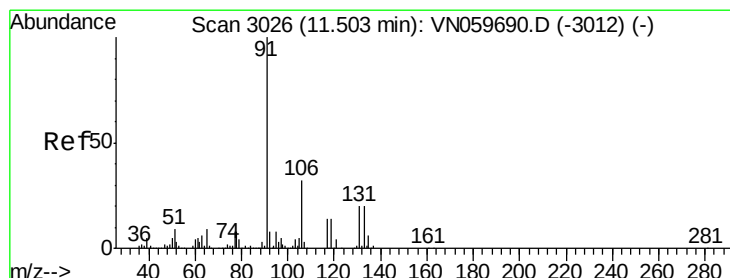
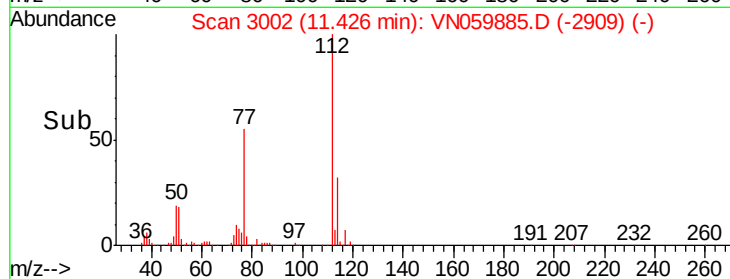
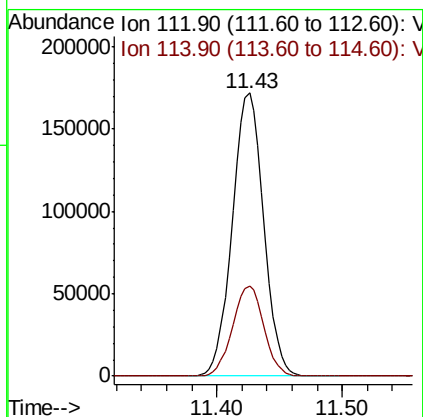
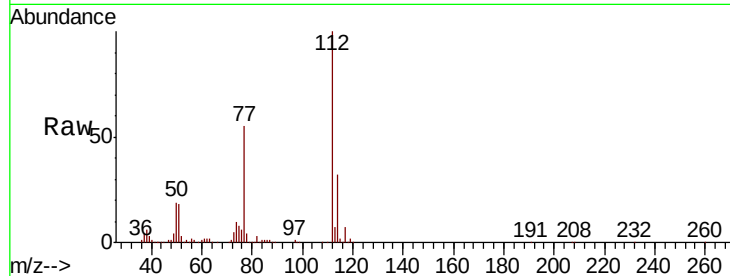




#65
Chlorobenzene
Concen: 51.521 ug/l
RT: 11.43 min Scan# 3002
Delta R.T. 0.00 min
Lab File: VN059885.D
Acq: 27 Jan 2020 20:09

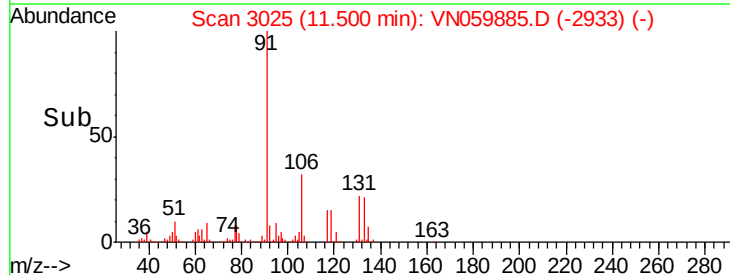
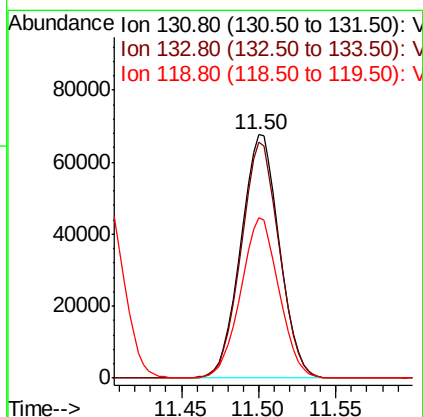
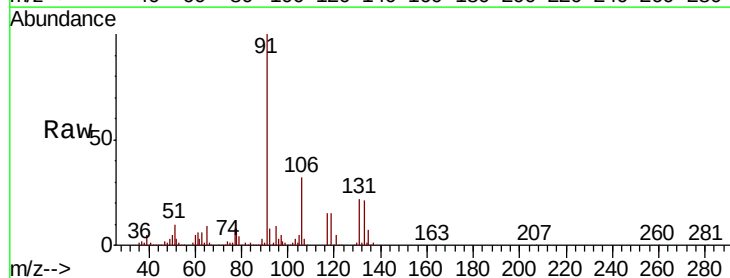
Instrument :
MSVOA_N
ClientSampled :

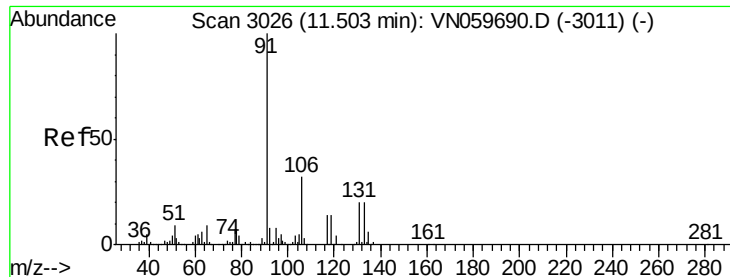
Tot Ion:112 Resp: 297513
Ion Ratio Lower Upper
112 100
114 32.0 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 52.570 ug/l
RT: 11.50 min Scan# 3025
Delta R.T. -0.00 min
Lab File: VN059885.D
Acq: 27 Jan 2020 20:09

Tgt Ion:131 Resp: 117299
Ion Ratio Lower Upper
131 100
133 96.2 47.4 142.2
119 65.4 33.1 99.3





#67

Ethyl Benzene

Concen: 50.605 ug/l

RT: 11.50 min Scan# 3026

Delta R.T. 0.00 min

Lab File: VN059885.D

Acq: 27 Jan 2020 20:09

Instrument :

MSVOA_N

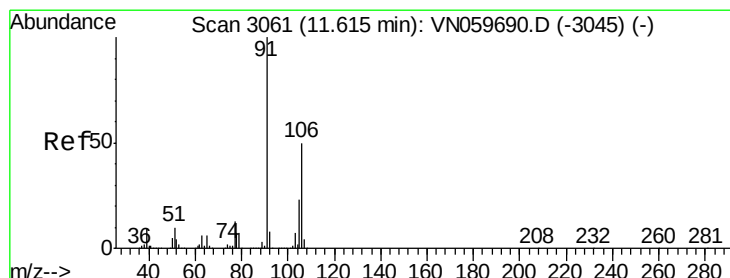
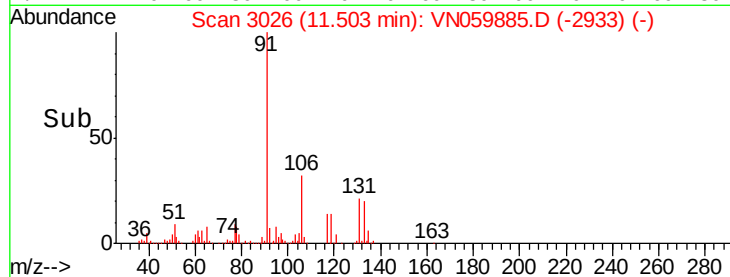
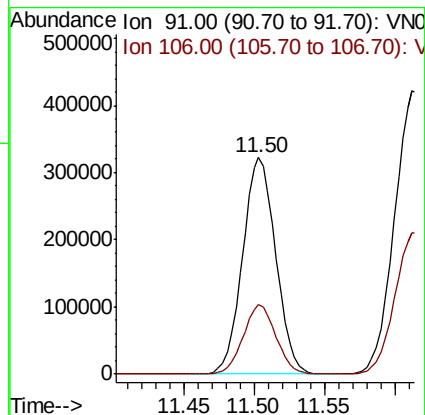
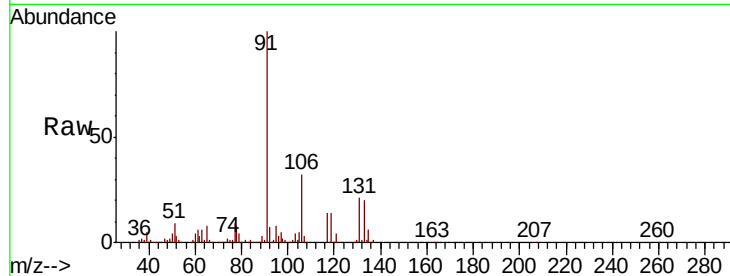
ClientSampled :

Tot Ion: 91 Resp: 530474

Ion Ratio Lower Upper

91 100

106 31.9 24.1 36.1



#68

m/p-Xylenes

Concen: 102.035 ug/l

RT: 11.62 min Scan# 3061

Delta R.T. 0.00 min

Lab File: VN059885.D

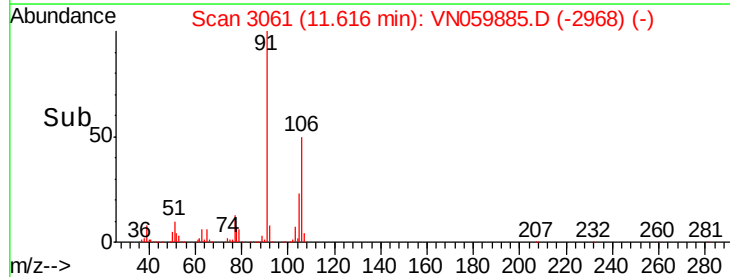
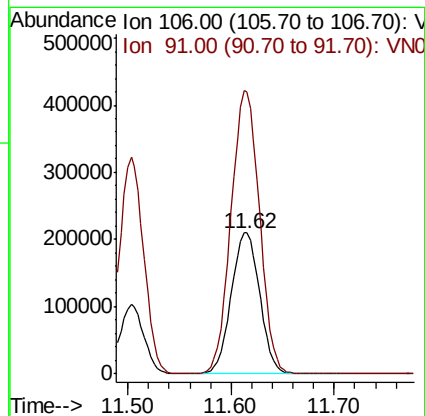
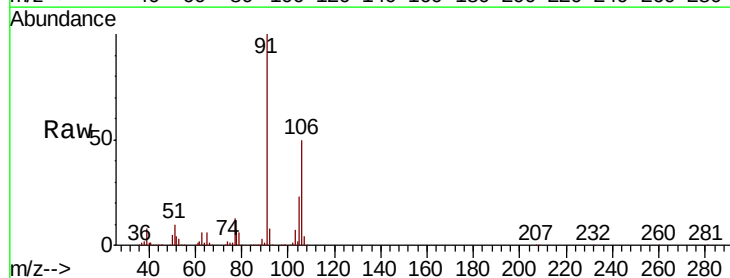
Acq: 27 Jan 2020 20:09

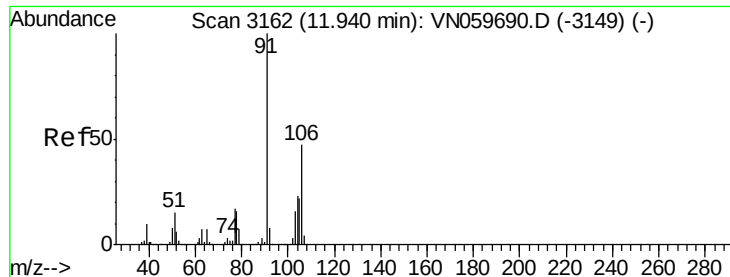
Tgt Ion: 106 Resp: 404034

Ion Ratio Lower Upper

106 100

91 200.7 167.9 251.9

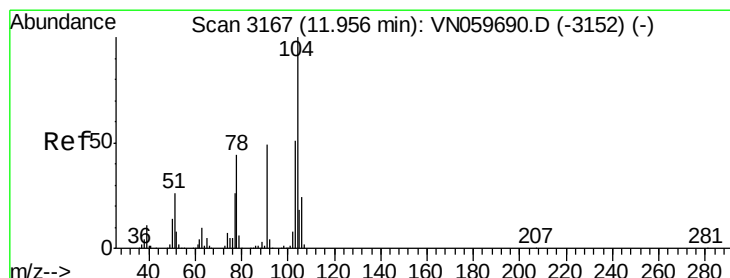
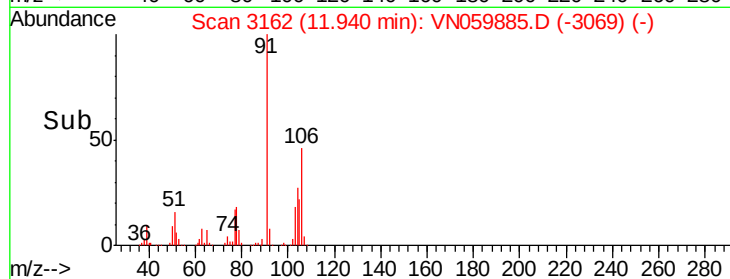
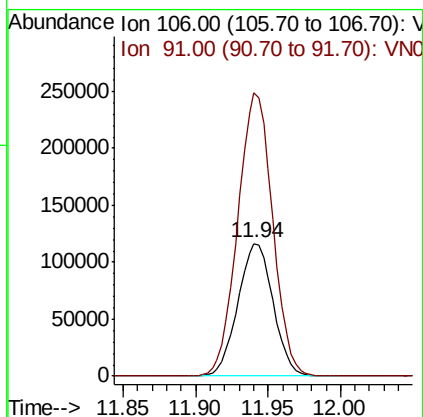
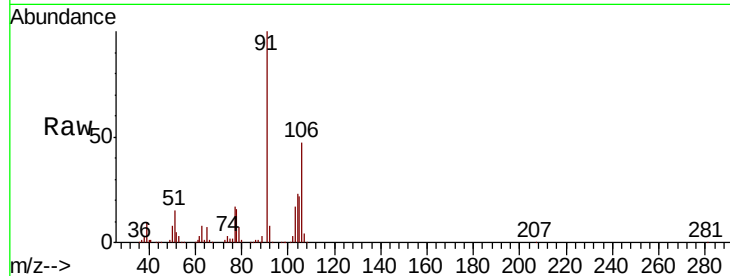




#69
o-Xylene
Concen: 50.663 ug/l
RT: 11.94 min Scan# 3162
Delta R.T. 0.00 min
Lab File: VN059885.D
Acq: 27 Jan 2020 20:09

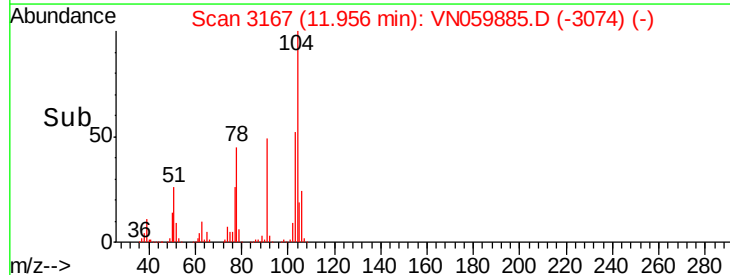
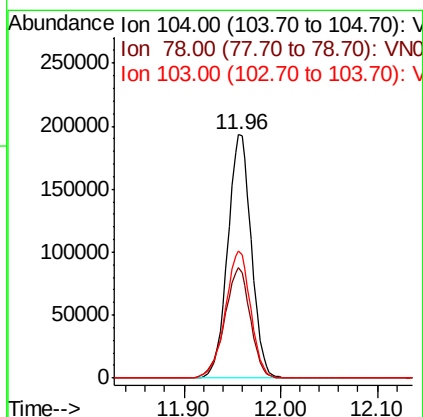
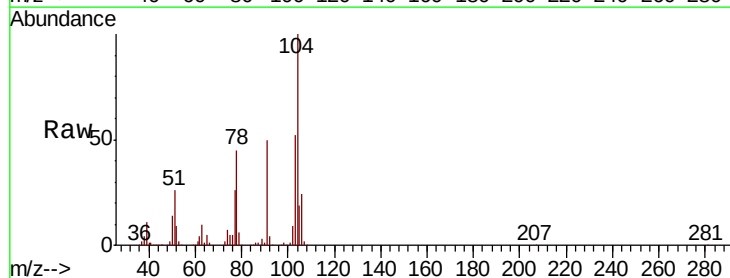
Instrument :
MSVOA_N
ClientSampled :

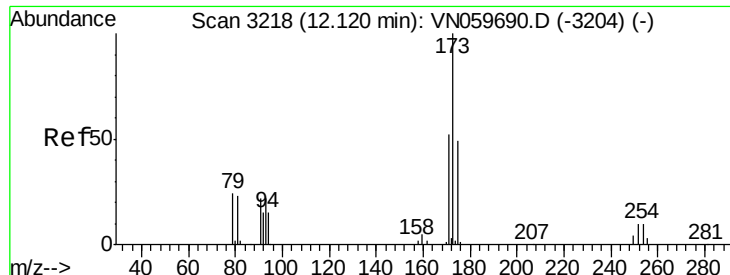
Tot Ion:106 Resp: 196401
Ion Ratio Lower Upper
106 100
91 211.8 110.3 330.9



#70
Styrene
Concen: 50.399 ug/l
RT: 11.96 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN059885.D
Acq: 27 Jan 2020 20:09

Tgt Ion:104 Resp: 326937
Ion Ratio Lower Upper
104 100
78 49.3 42.4 63.6
103 55.8 43.9 65.9

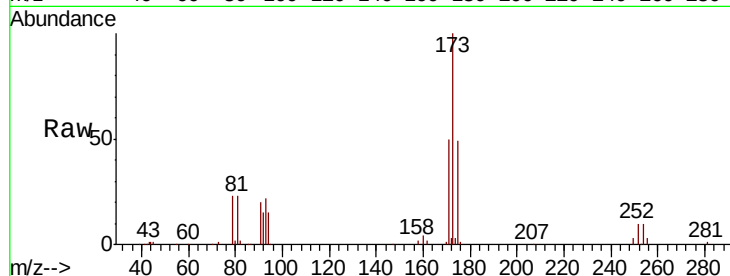




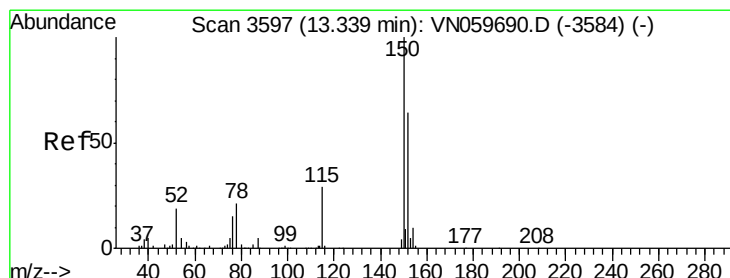
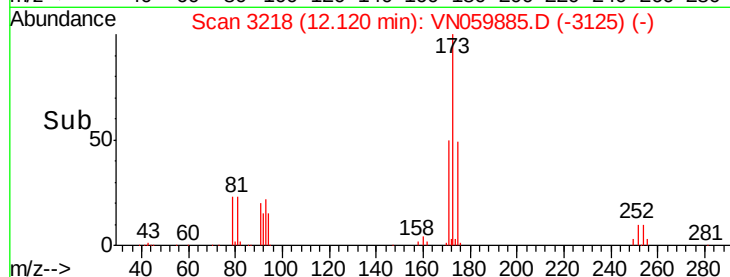
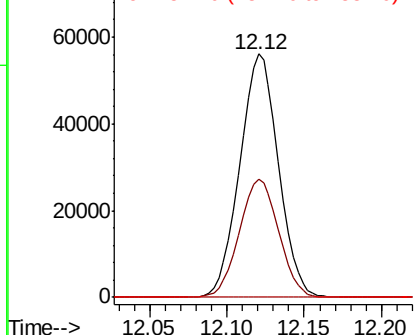
#71
Bromoform
Concen: 54.422 ug/l
RT: 12.12 min Scan# 3218
Delta R.T. 0.00 min
Lab File: VN059885.D
Acq: 27 Jan 2020 20:09

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:173 Resp: 97268
Ion Ratio Lower Upper
173 100
175 49.4 23.8 71.4
254 0.0 0.0 0.0

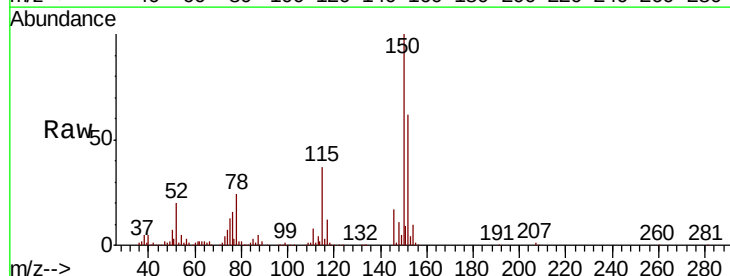


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

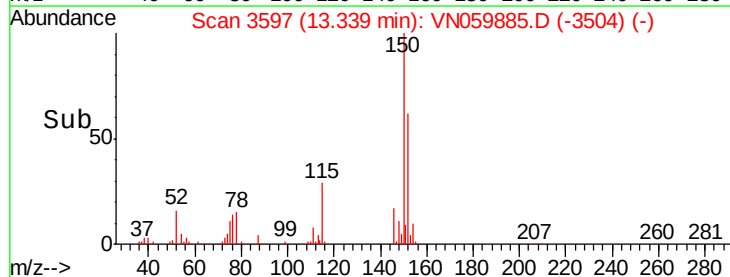
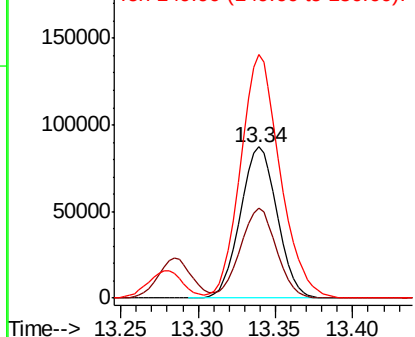


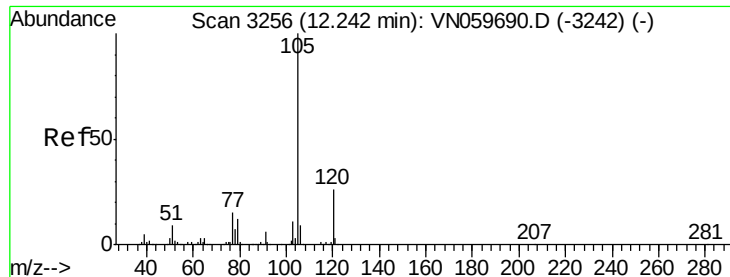
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3597
Delta R.T. 0.00 min
Lab File: VN059885.D
Acq: 27 Jan 2020 20:09

Tgt Ion:152 Resp: 144816
Ion Ratio Lower Upper
152 100
115 57.7 30.3 90.9
150 172.8 0.0 345.2



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





#73

Isopropylbenzene

Concen: 50.007 ug/l

RT: 12.24 min Scan# 3256

Delta R.T. 0.00 min

Lab File: VN059885.D

Acq: 27 Jan 2020 20:09

Instrument :

MSVOA_N

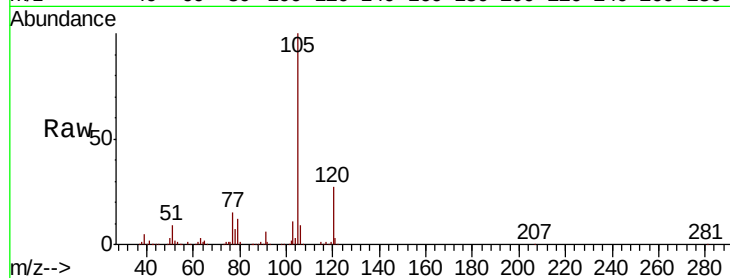
ClientSampleId :

Tot Ion: 105 Resp: 531108

Ion Ratio Lower Upper

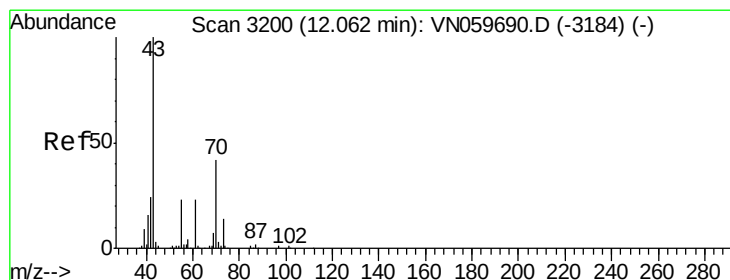
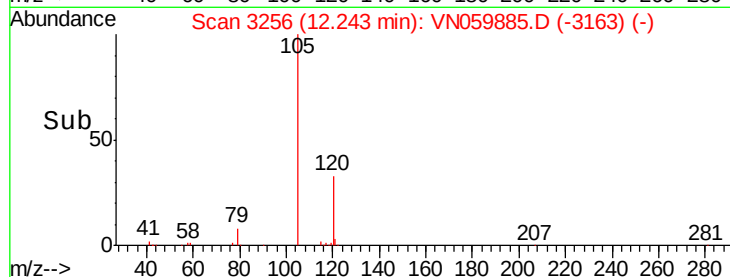
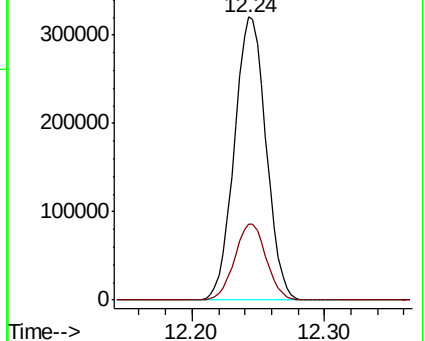
105 100

120 26.7 13.2 39.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 46.584 ug/l

RT: 12.06 min Scan# 3200

Delta R.T. 0.00 min

Lab File: VN059885.D

Acq: 27 Jan 2020 20:09

Tgt Ion: 43 Resp: 191979

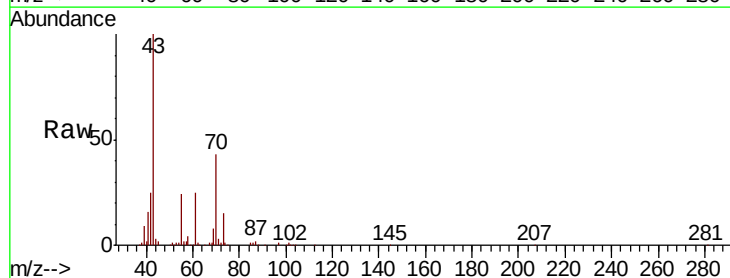
Ion Ratio Lower Upper

43 100

70 43.8 31.3 46.9

55 23.8 19.8 29.6

61 25.2 18.3 27.5

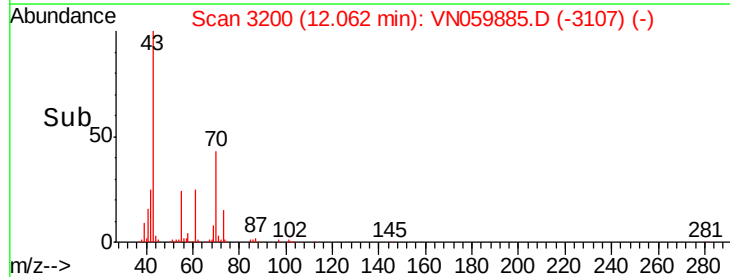
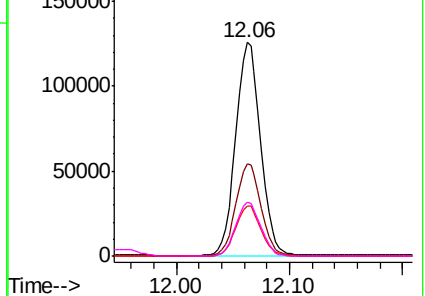


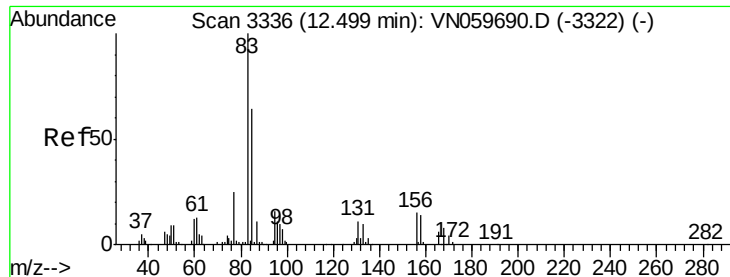
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 51.619 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. 0.00 min

Lab File: VN059885.D

Acq: 27 Jan 2020 20:09

Instrument :

MSVOA_N

ClientSampleId :

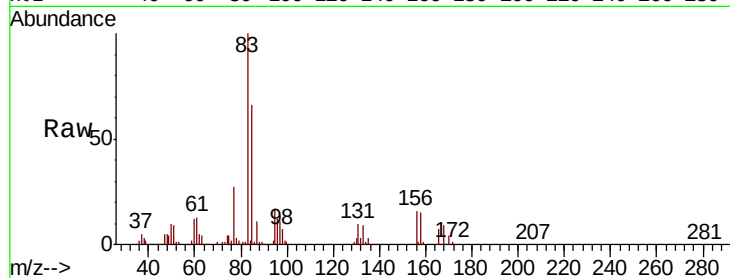
Tot Ion: 83 Resp: 158931

Ion Ratio Lower Upper

83 100

131 10.9 5.0 14.9

85 65.4 31.9 95.5



Abundance Ion 82.90 (82.60 to 83.60): VN059690.D (-3322) (-)

Ion 130.80 (130.50 to 131.50): VN059690.D (-3322) (-)

Ion 84.90 (84.60 to 85.60): VN059690.D (-3322) (-)

12.50

80000

60000

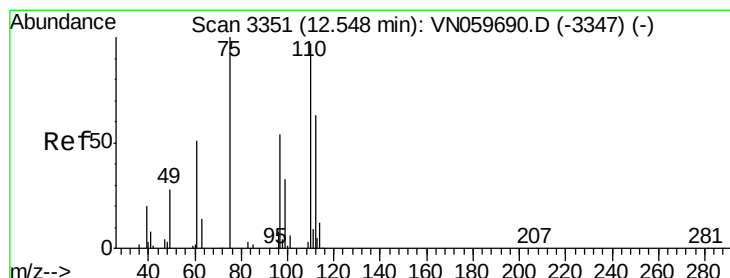
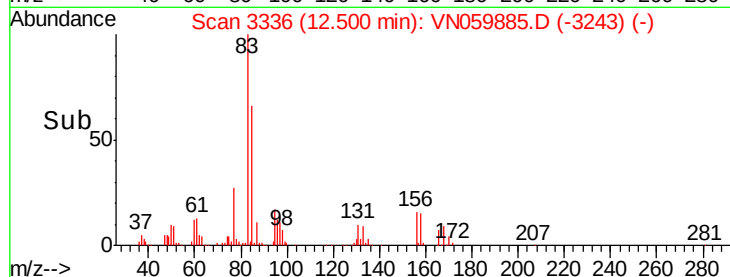
40000

20000

0

12.45 12.50 12.55

Time-->



#76

1,2,3-Trichloropropane

Concen: 83.927 ug/l

RT: 12.55 min Scan# 3351

Delta R.T. 0.00 min

Lab File: VN059885.D

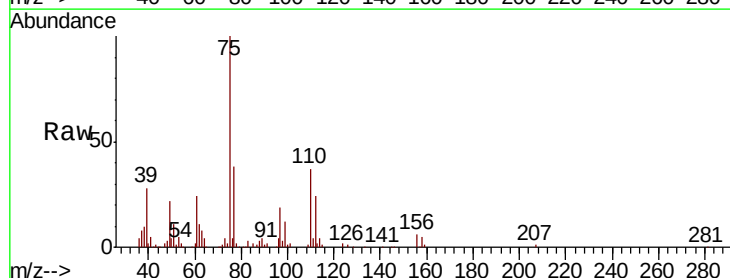
Acq: 27 Jan 2020 20:09

Tgt Ion: 75 Resp: 204540

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN059690.D (-3347) (-)

Ion 77.00 (76.70 to 77.70): VN059690.D (-3347) (-)

12.55

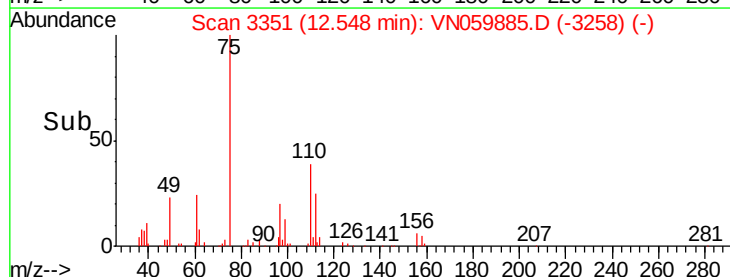
100000

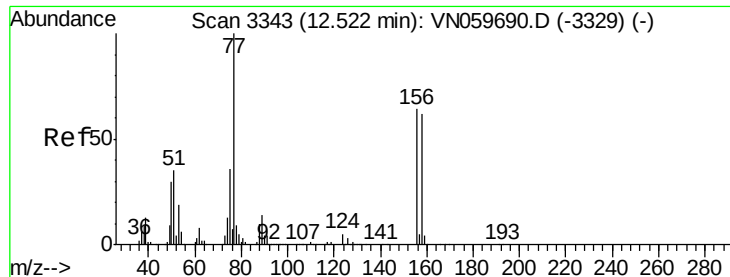
50000

0

12.50 12.55 12.60

Time-->





#77

Bromobenzene

Concen: 50.760 ug/l

RT: 12.52 min Scan# 3342

Delta R.T. -0.00 min

Lab File: VN059885.D

Acq: 27 Jan 2020 20:09

Instrument :

MSVOA_N

ClientSampleId :

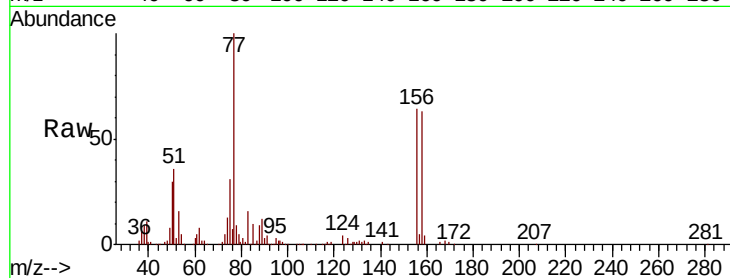
Tot Ion:156 Resp: 136524

Ion Ratio Lower Upper

156 100

77 187.4 115.8 347.4

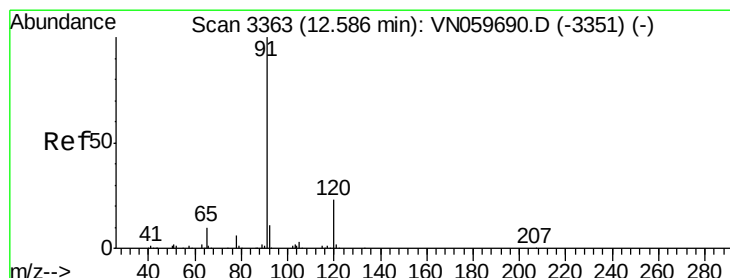
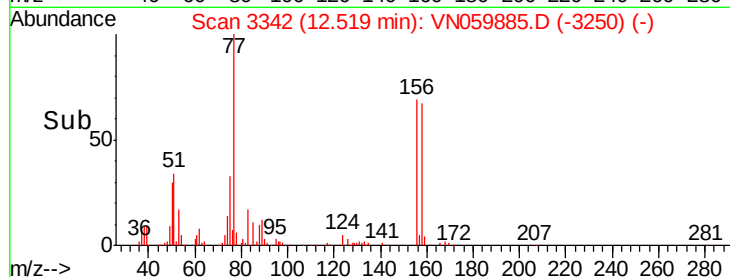
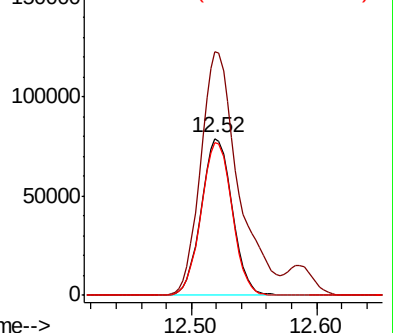
158 96.7 49.2 147.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 49.768 ug/l

RT: 12.59 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN059885.D

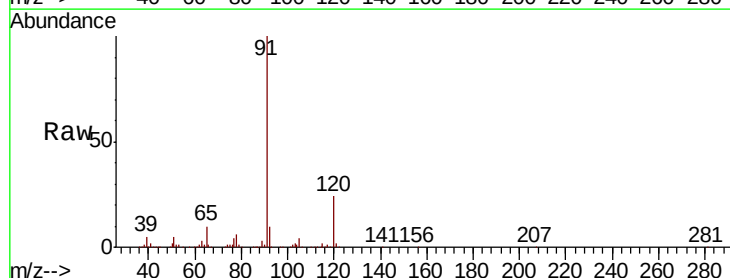
Acq: 27 Jan 2020 20:09

Tgt Ion: 91 Resp: 593275

Ion Ratio Lower Upper

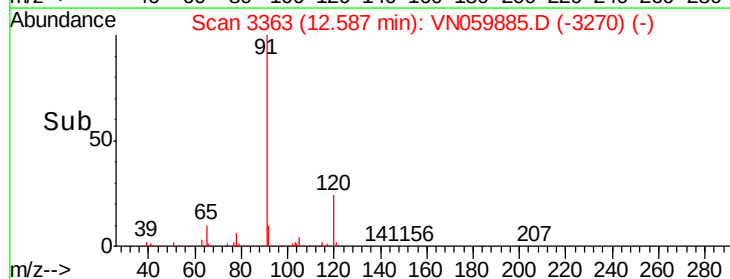
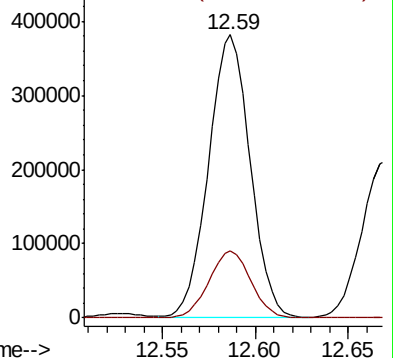
91 100

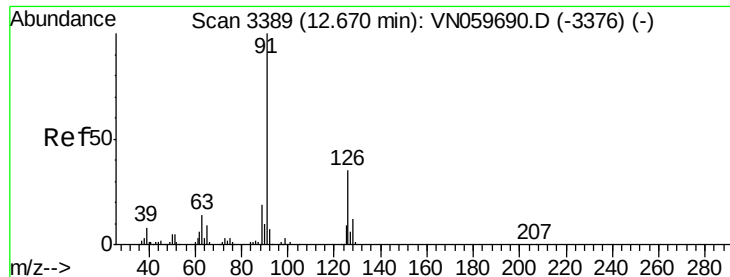
120 24.0 11.1 33.3



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 49.183 ug/l

RT: 12.67 min Scan# 3389

Delta R.T. 0.00 min

Lab File: VN059885.D

Acq: 27 Jan 2020 20:09

Instrument :

MSVOA_N

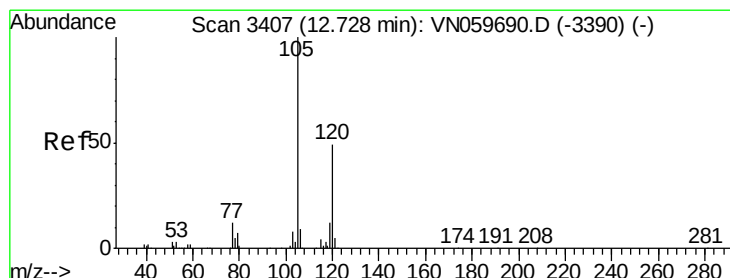
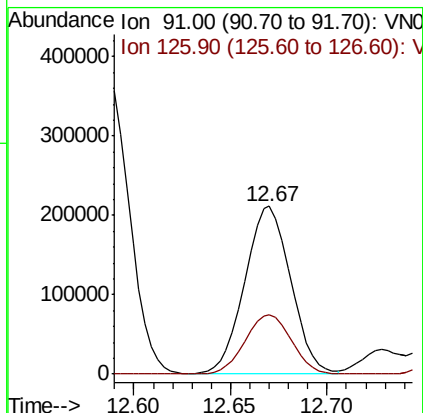
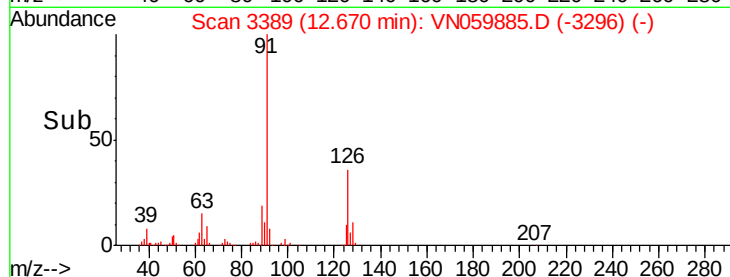
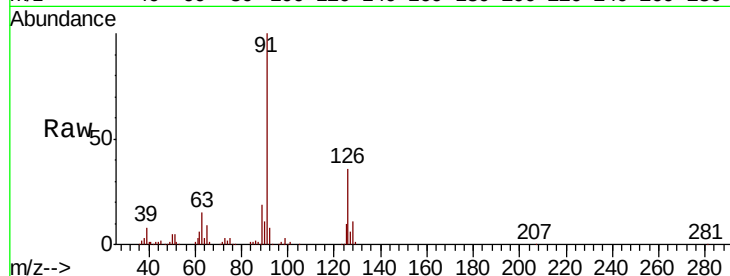
ClientSampleId :

Tot Ion: 91 Resp: 348788

Ion Ratio Lower Upper

91 100

126 36.0 16.3 48.9



#80

1,3,5-Trimethylbenzene

Concen: 49.932 ug/l

RT: 12.73 min Scan# 3407

Delta R.T. 0.00 min

Lab File: VN059885.D

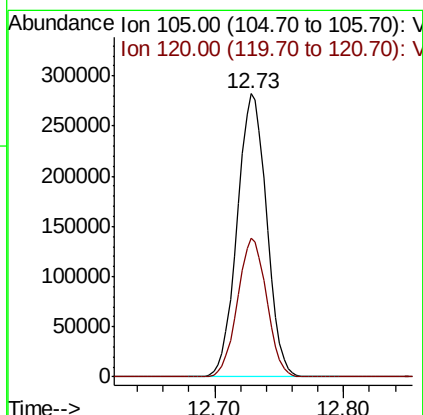
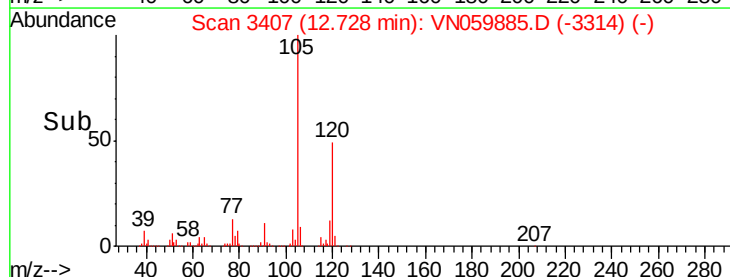
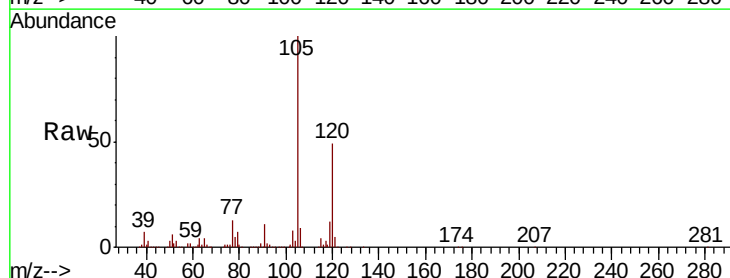
Acq: 27 Jan 2020 20:09

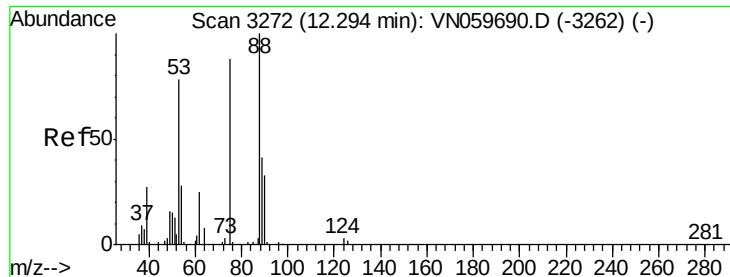
Tgt Ion: 105 Resp: 445998

Ion Ratio Lower Upper

105 100

120 48.8 24.1 72.4





#81

trans-1,4-Dichloro-2-butene

Concen: 48.726 ug/l

RT: 12.29 min Scan# 3272

Delta R.T. 0.00 min

Lab File: VN059885.D

Acq: 27 Jan 2020 20:09

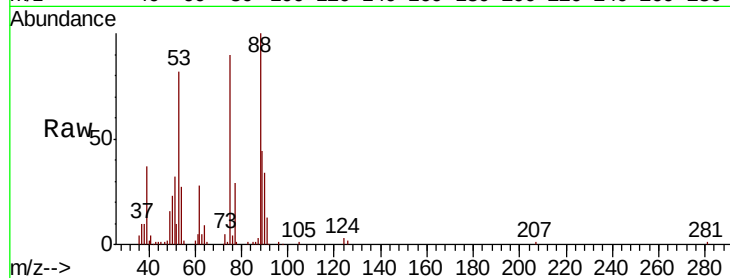
Instrument :

MSVOA_N

ClientSampleId :

Tot Ion: 75 Resp: 55297

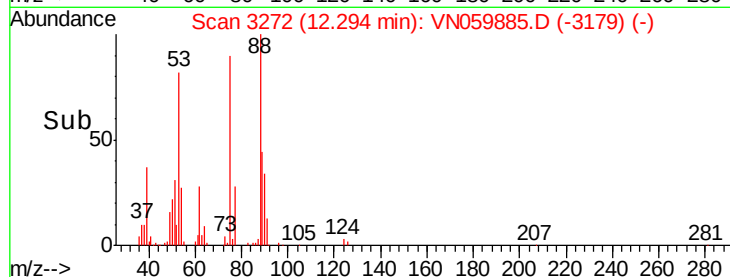
Ion	Ratio	Lower	Upper
75	100		
53	93.6	78.1	117.1
89	48.4	35.4	53.2



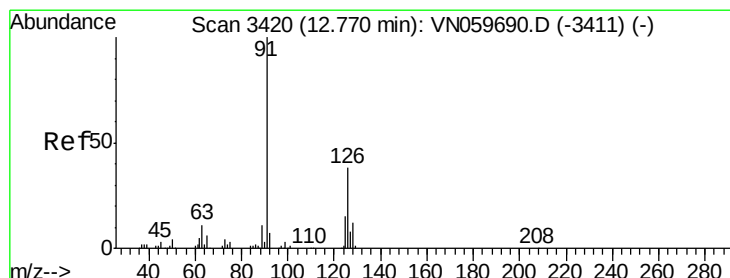
Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



Time-->



#82

4-Chlorotoluene

Concen: 50.778 ug/l

RT: 12.77 min Scan# 3420

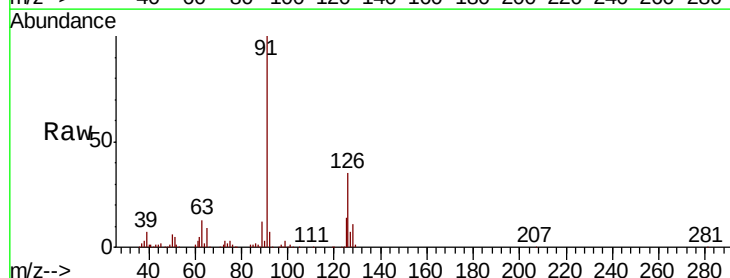
Delta R.T. 0.00 min

Lab File: VN059885.D

Acq: 27 Jan 2020 20:09

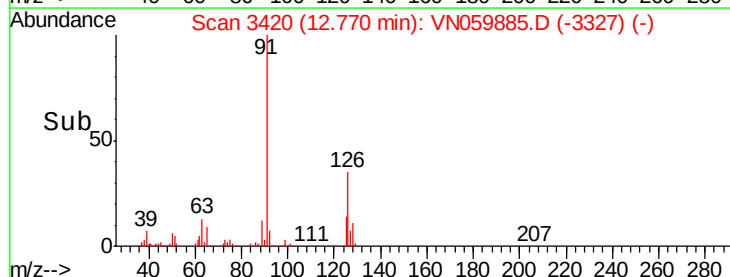
Tgt Ion: 91 Resp: 361181

Ion	Ratio	Lower	Upper
91	100		
126	35.0	16.3	48.8

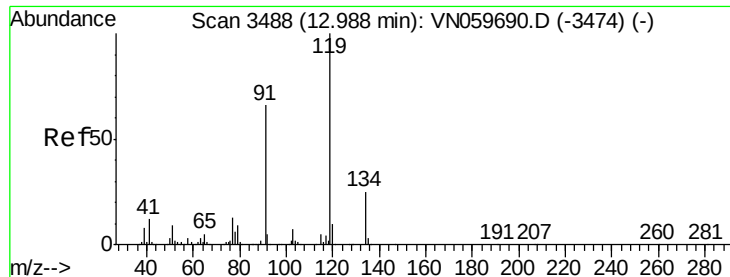


Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V



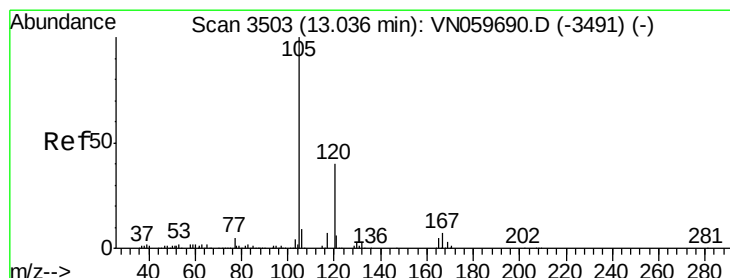
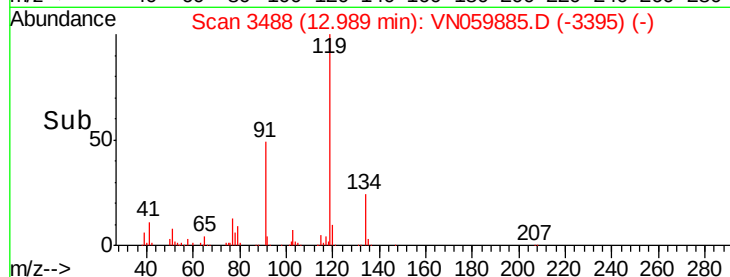
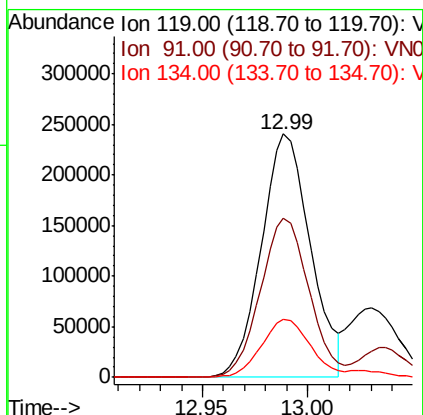
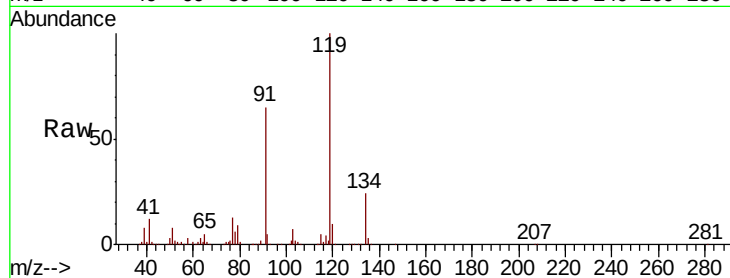
Time-->



#83
 tert-Butylbenzene
 Concen: 50.531 ug/l
 RT: 12.99 min Scan# 3488
 Delta R.T. 0.00 min
 Lab File: VN059885.D
 Acq: 27 Jan 2020 20:09

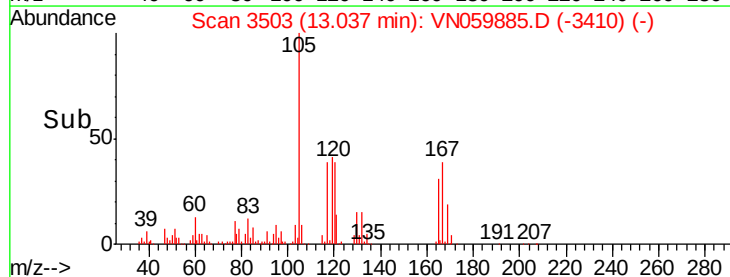
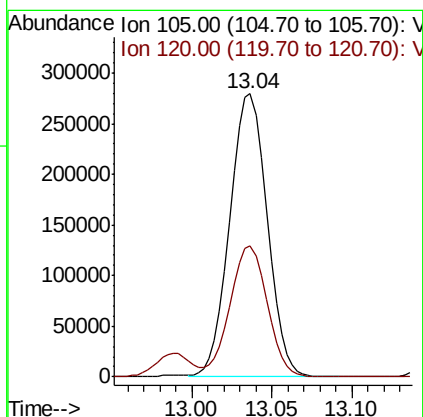
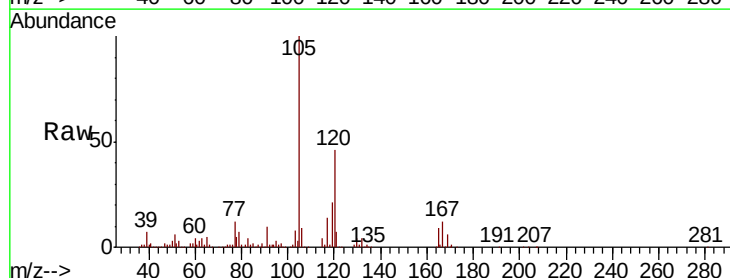
Instrument :
 MSVOA_N
 ClientSampleId :

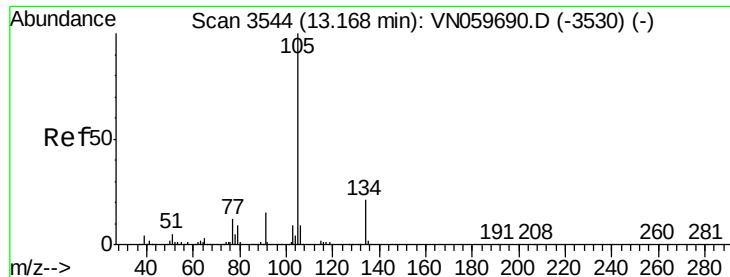
Tot Ion:119 Resp: 390361
 Ion Ratio Lower Upper
 119 100
 91 64.6 34.8 104.4
 134 23.8 12.3 36.9



#84
 1,2,4-Trimethylbenzene
 Concen: 50.315 ug/l
 RT: 13.04 min Scan# 3503
 Delta R.T. 0.00 min
 Lab File: VN059885.D
 Acq: 27 Jan 2020 20:09

Tgt Ion:105 Resp: 444612
 Ion Ratio Lower Upper
 105 100
 120 46.0 22.3 66.9

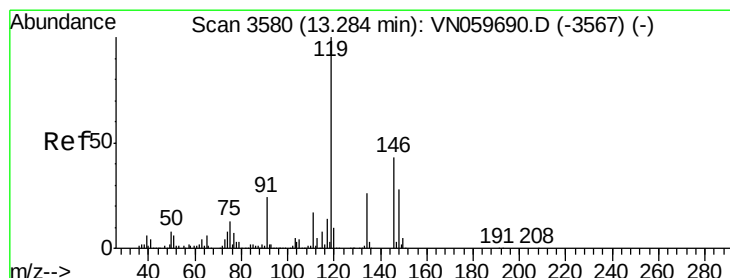
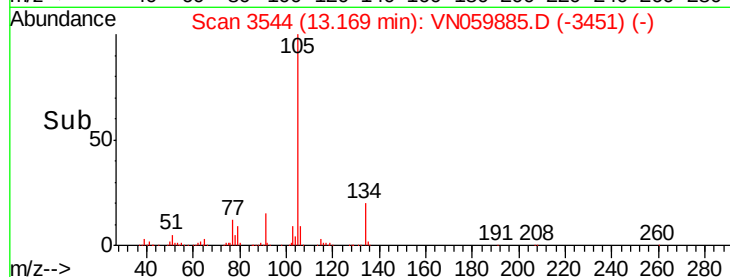
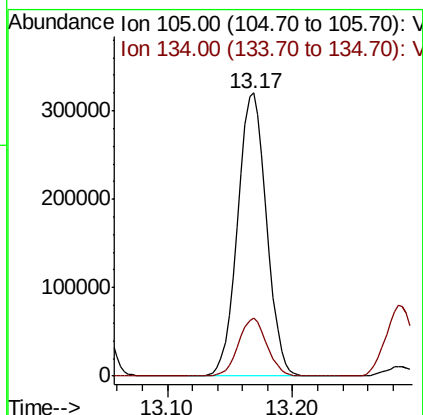
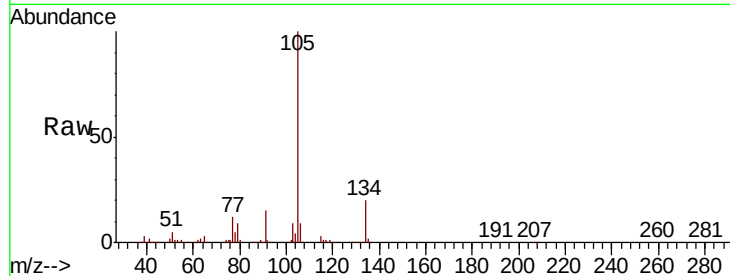




#85
 sec-Butylbenzene
 Concen: 50.250 ug/l
 RT: 13.17 min Scan# 3544
 Delta R.T. 0.00 min
 Lab File: VN059885.D
 Acq: 27 Jan 2020 20:09

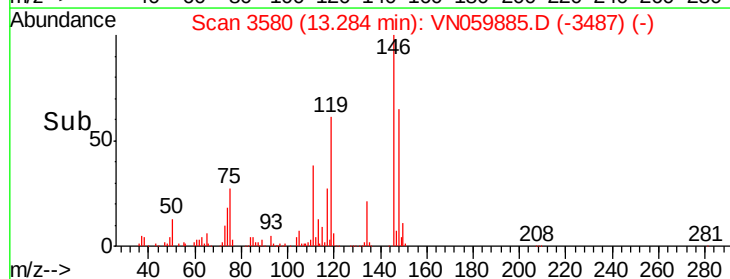
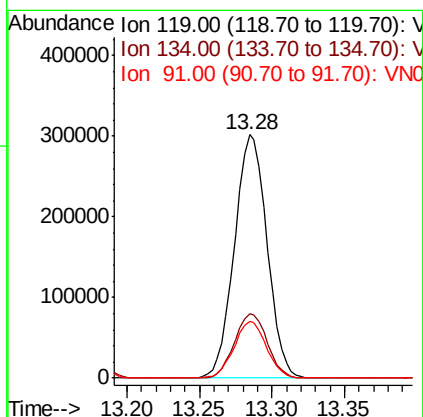
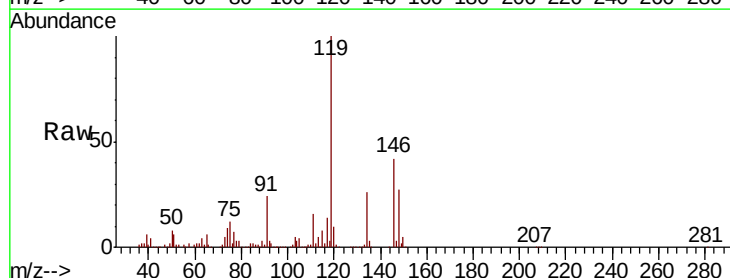
Instrument :
 MSVOA_N
 ClientSampled :

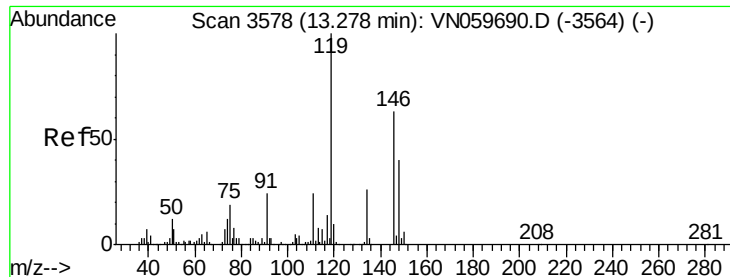
Tot Ion:105 Resp: 510018
 Ion Ratio Lower Upper
 105 100
 134 20.2 9.8 29.5



#86
 p-Isopropyltoluene
 Concen: 50.032 ug/l
 RT: 13.28 min Scan# 3580
 Delta R.T. 0.00 min
 Lab File: VN059885.D
 Acq: 27 Jan 2020 20:09

Tgt Ion:119 Resp: 469872
 Ion Ratio Lower Upper
 119 100
 134 26.7 12.9 38.7
 91 23.1 12.4 37.4

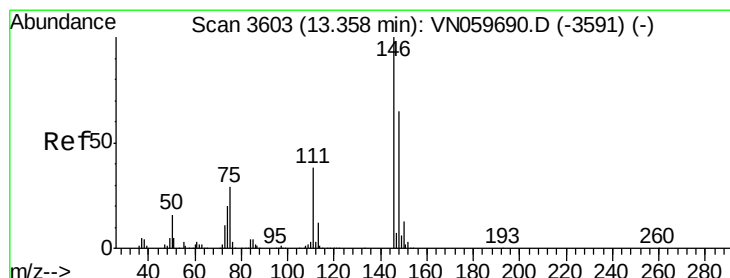
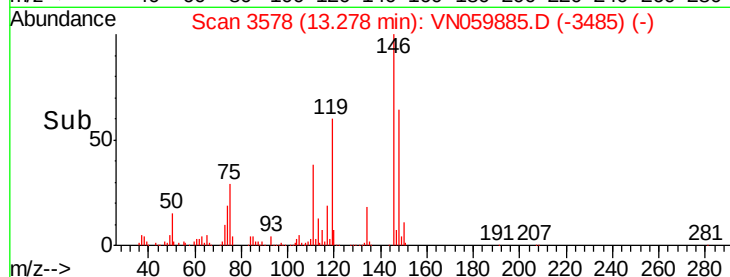
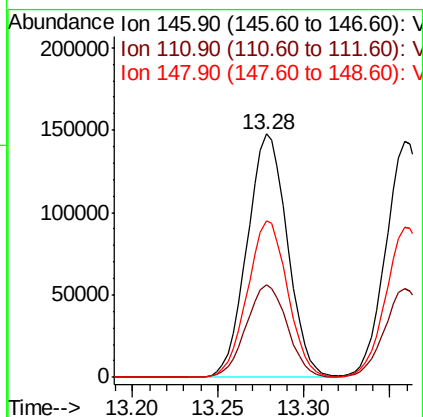
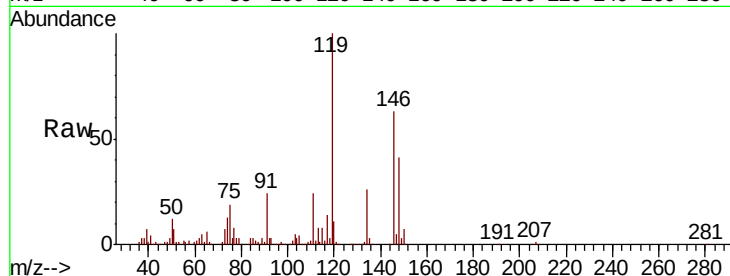




#87
 1,3-Dichlorobenzene
 Concen: 51.426 ug/l
 RT: 13.28 min Scan# 3578
 Delta R.T. 0.00 min
 Lab File: VN059885.D
 Acq: 27 Jan 2020 20:09

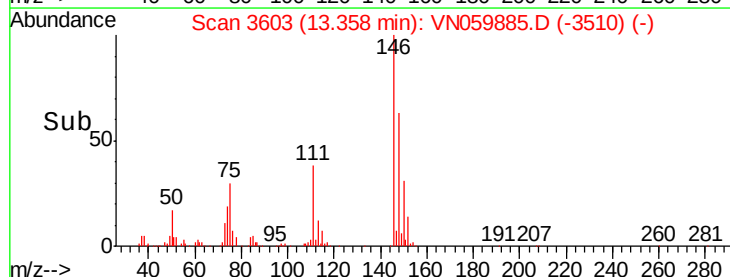
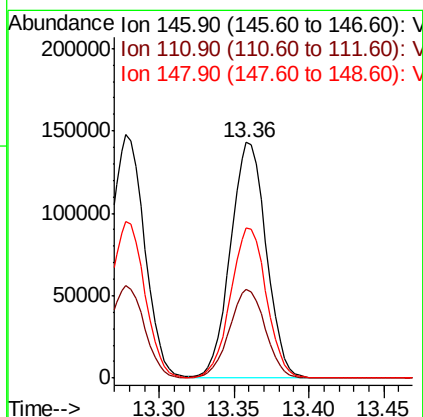
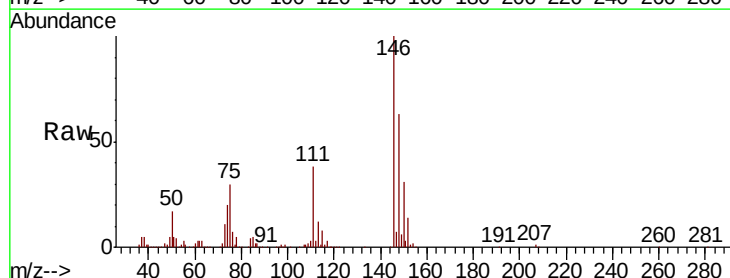
Instrument :
 MSVOA_N
 ClientSampled :

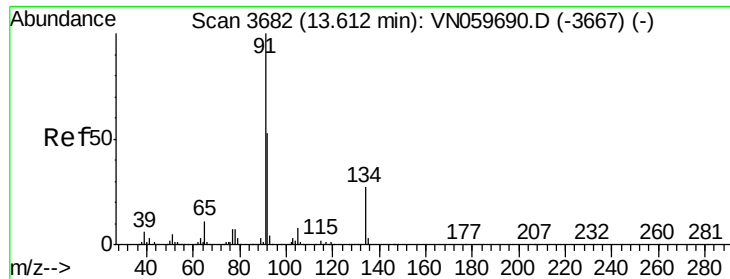
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.6	20.8	62.2
148	64.1	32.0	96.0



#88
 1,4-Dichlorobenzene
 Concen: 50.986 ug/l
 RT: 13.36 min Scan# 3603
 Delta R.T. 0.00 min
 Lab File: VN059885.D
 Acq: 27 Jan 2020 20:09

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.1	20.8	62.2
148	64.0	31.8	95.4

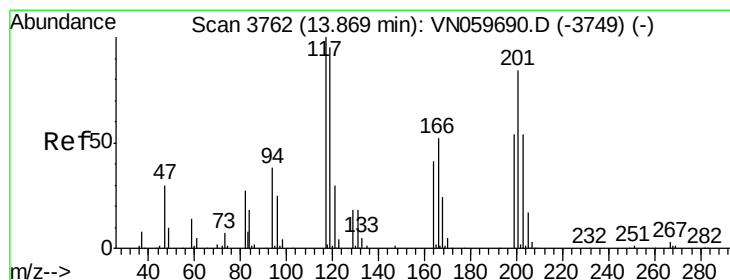
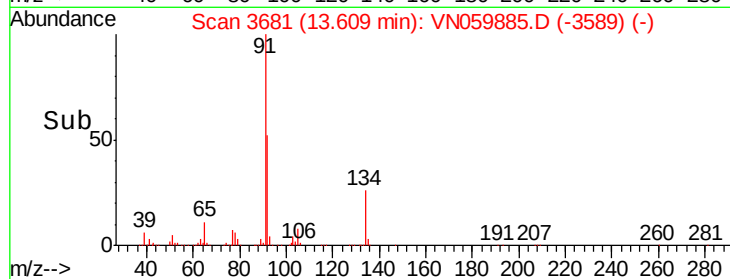
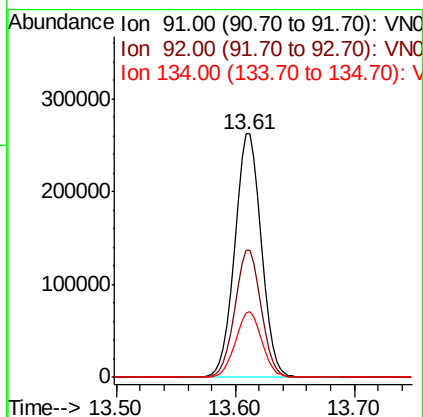
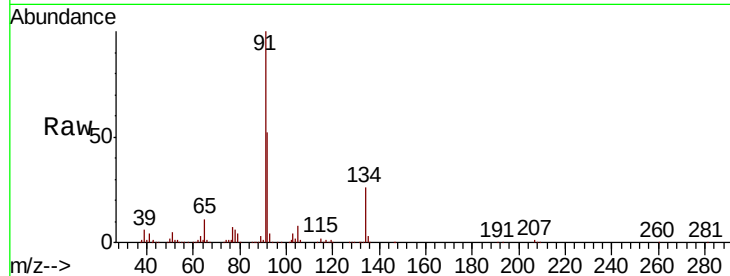




#89
n-Butylbenzene
Concen: 50.576 ug/l
RT: 13.61 min Scan# 3681
Delta R.T. -0.00 min
Lab File: VN059885.D
Acq: 27 Jan 2020 20:09

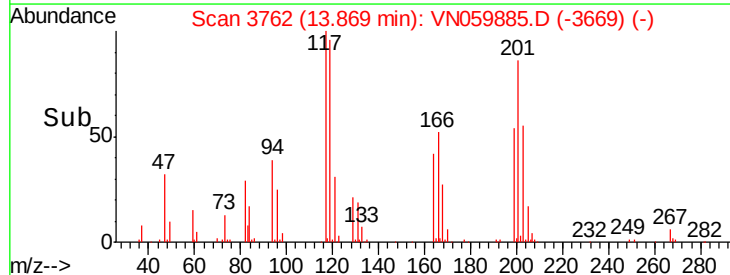
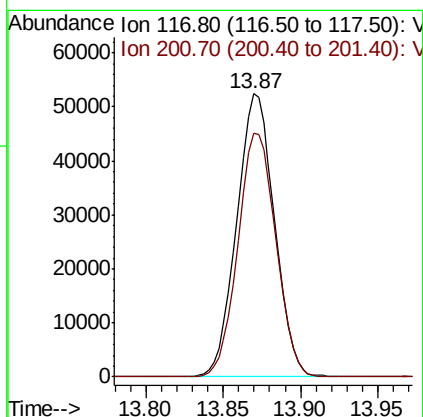
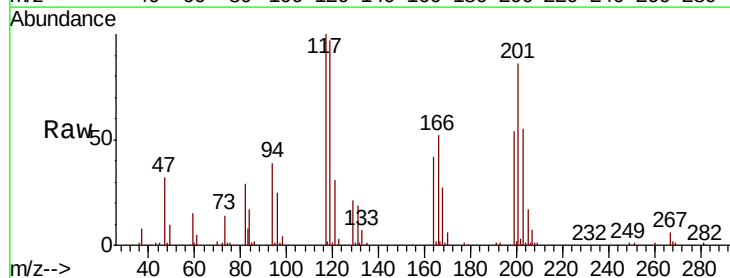
Instrument :
MSVOA_N
ClientSampleId :

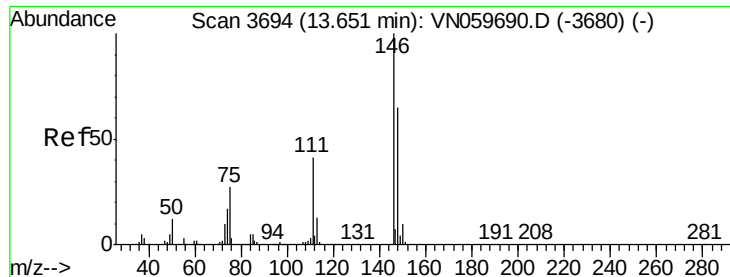
Tot Ion: 91 Resp: 404988
Ion Ratio Lower Upper
91 100
92 51.7 25.9 77.7
134 26.8 12.3 36.8



#90
Hexachloroethane
Concen: 50.581 ug/l
RT: 13.87 min Scan# 3762
Delta R.T. 0.00 min
Lab File: VN059885.D
Acq: 27 Jan 2020 20:09

Tgt Ion: 117 Resp: 88876
Ion Ratio Lower Upper
117 100
201 86.6 37.8 113.4





#91

1,2-Dichlorobenzene

Concen: 50.777 ug/l

RT: 13.65 min Scan# 3694

Delta R.T. 0.00 min

Lab File: VN059885.D

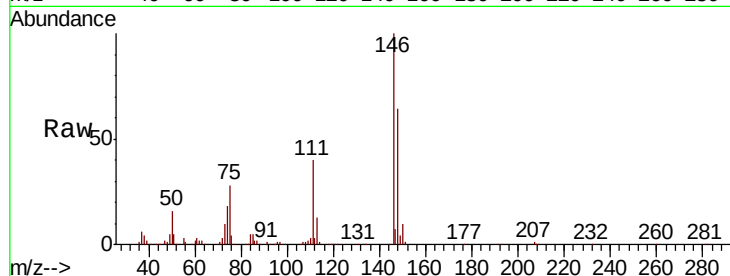
Acq: 27 Jan 2020 20:09

Instrument :

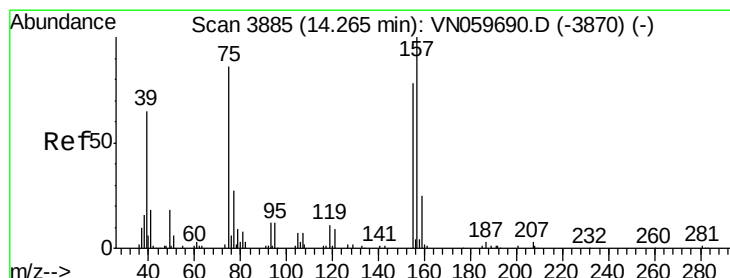
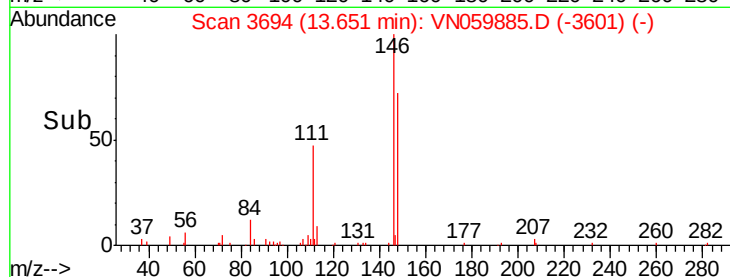
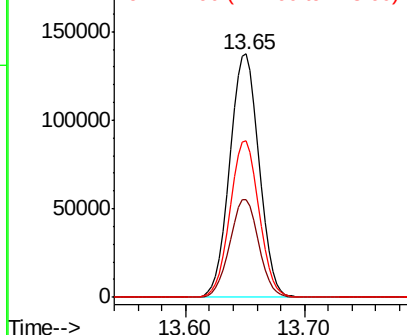
MSVOA_N

ClientSampleId :

Tot Ion:	146	Resp:	234527
Ion	Ratio	Lower	Upper
146	100		
111	39.8	21.6	64.8
148	63.9	31.6	95.0



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 47.233 ug/l

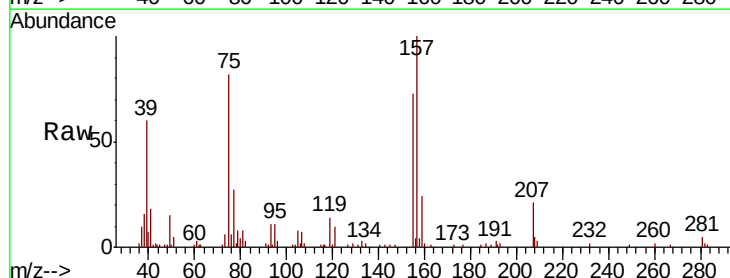
RT: 14.27 min Scan# 3886

Delta R.T. 0.00 min

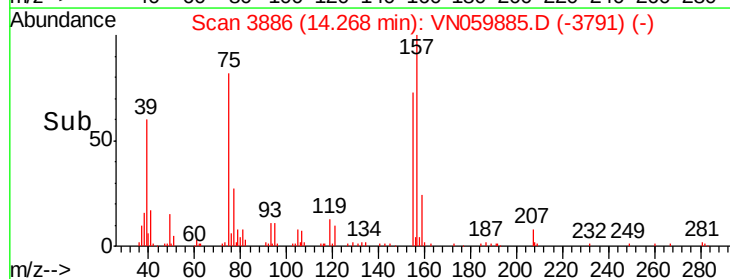
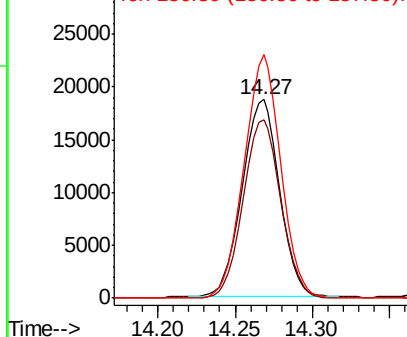
Lab File: VN059885.D

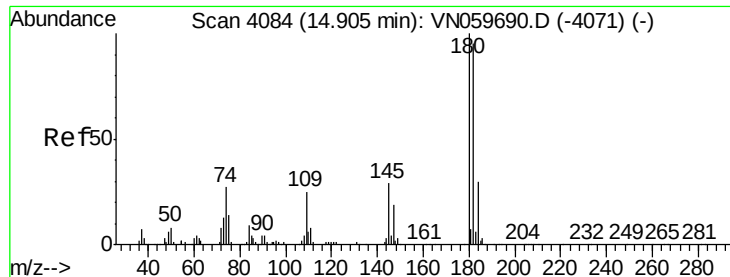
Acq: 27 Jan 2020 20:09

Tgt Ion:	75	Resp:	31291
Ion	Ratio	Lower	Upper
75	100		
155	91.4	37.0	110.9
157	121.4	48.4	145.2



Abundance Ion 74.90 (74.60 to 75.60): VN0
Ion 154.80 (154.50 to 155.50): V
Ion 156.80 (156.50 to 157.50): V

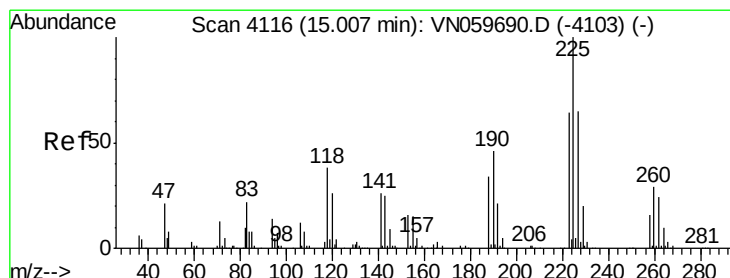
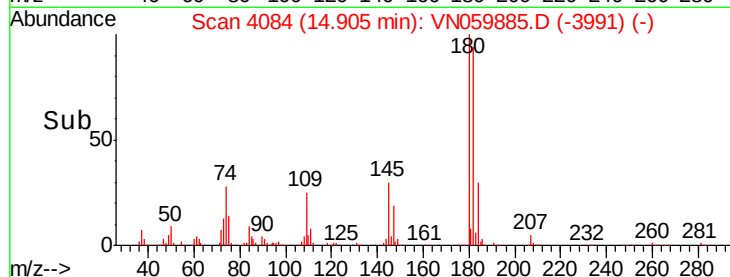
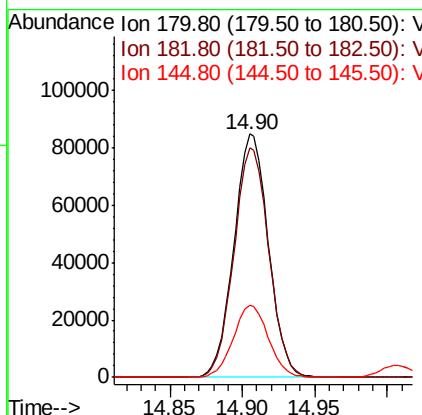
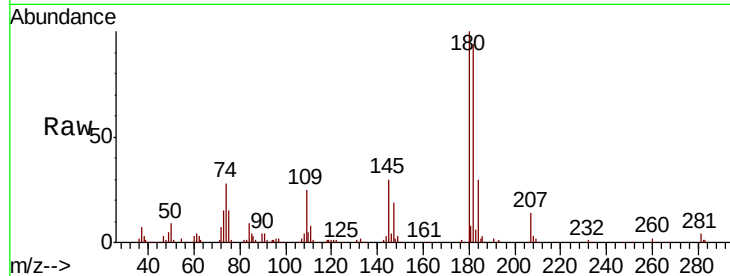




#93
 1,2,4-Trichlorobenzene
 Concen: 50.450 ug/l
 RT: 14.90 min Scan# 4084
 Delta R.T. 0.00 min
 Lab File: VN059885.D
 Acq: 27 Jan 2020 20:09

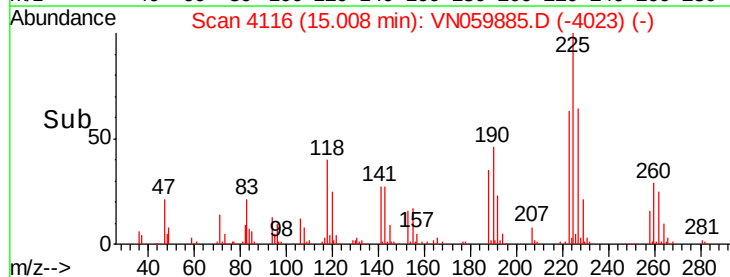
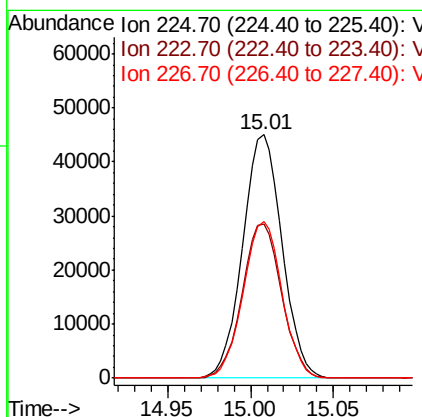
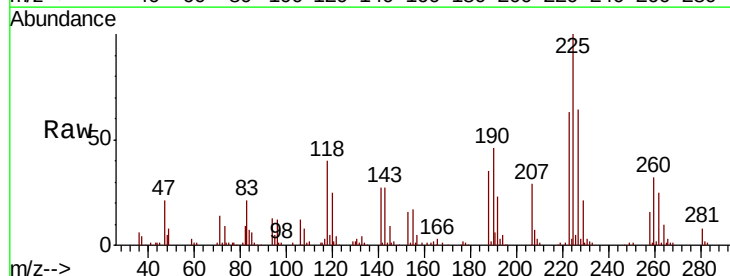
Instrument :
 MSVOA_N
 ClientSampled :

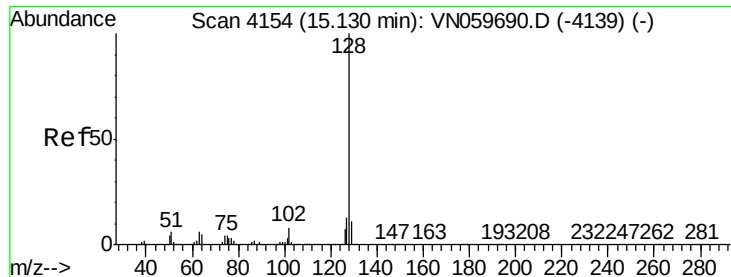
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.2	46.9	140.7
145	29.7	15.0	45.1



#94
 Hexachlorobutadiene
 Concen: 48.618 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN059885.D
 Acq: 27 Jan 2020 20:09

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.7	31.8	95.3
227	63.5	32.1	96.5





#95

Naphthalene

Concen: 49.657 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN059885.D

Acq: 27 Jan 2020 20:09

Instrument :

MSVOA_N

ClientSampled :

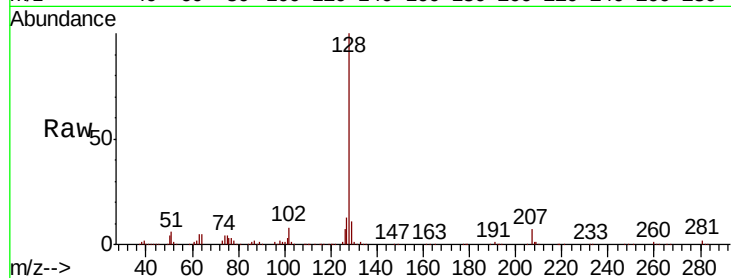
Tot Ion:128 Resp: 391991

Ion Ratio Lower Upper

128 100

127 13.0 10.4 15.6

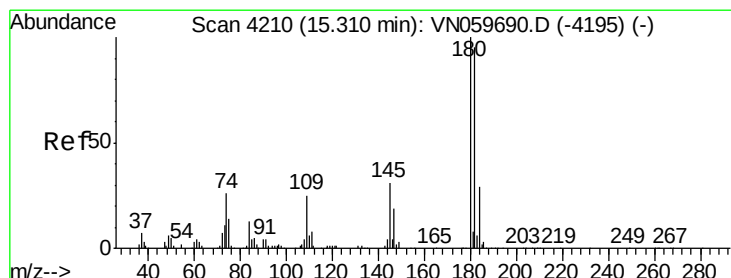
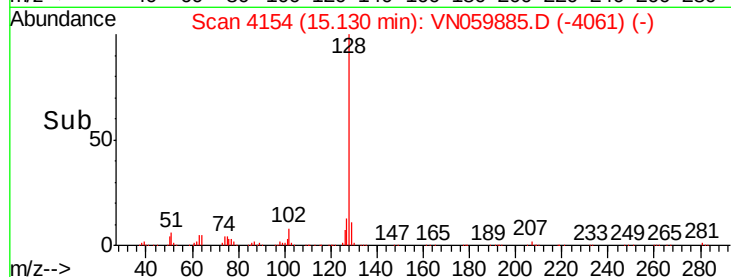
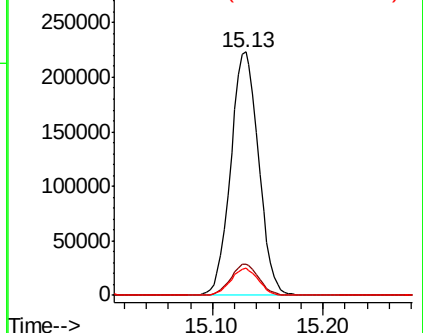
129 11.0 8.6 12.8



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



#96

1,2,3-Trichlorobenzene

Concen: 49.868 ug/l

RT: 15.31 min Scan# 4210

Delta R.T. 0.00 min

Lab File: VN059885.D

Acq: 27 Jan 2020 20:09

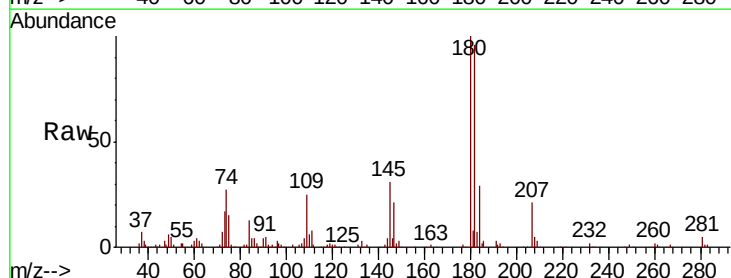
Tgt Ion:180 Resp: 134713

Ion Ratio Lower Upper

180 100

182 95.3 47.4 142.3

145 31.5 16.3 48.9



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

