

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN012120\
 Data File : VN059801.D
 Acq On : 21 Jan 2020 9:19
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jan 22 02:43:12 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	188867	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	286963	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	261785	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	130278	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.00	65	97641	46.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.10%	
35) Dibromofluoromethane	7.56	113	83251	48.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.30%	
50) Toluene-d8	10.08	98	315529	47.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.18%	
62) 4-Bromofluorobenzene	12.40	95	114768	48.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.04%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	112344	50.457	ug/l	99
3) Chloromethane	2.03	50	105925	48.987	ug/l	98
4) Vinyl Chloride	2.17	62	131230	53.043	ug/l	96
5) Bromomethane	2.54	94	79828	52.872	ug/l	99
6) Chloroethane	2.68	64	60367	51.575	ug/l	100
7) Trichlorofluoromethane	3.00	101	154265	51.921	ug/l	96
8) Diethyl Ether	3.38	74	53968	51.758	ug/l	82
9) 1,1,2-Trichlorotrifluoroet	3.73	101	91467	55.312	ug/l	92
10) Methyl Iodide	3.93	142	137061	51.277	ug/l	95
11) Tert butyl alcohol	4.73	59	78876	223.388	ug/l	98
12) 1,1-Dichloroethene	3.72	96	86385	49.993	ug/l	89
13) Acrolein	3.58	56	33758	135.062	ug/l	96
14) Allyl chloride	4.29	41	117163	50.305	ug/l #	85
15) Acrylonitrile	4.94	53	199201	247.324	ug/l	99
16) Acetone	3.78	43	232947	328.787	ug/l	95
17) Carbon Disulfide	4.03	76	235907	47.926	ug/l	100
18) Methyl Acetate	4.29	43	116186	47.424	ug/l #	90
19) Methyl tert-butyl Ether	5.00	73	289419	51.372	ug/l	96
20) Methylene Chloride	4.52	84	96990	51.141	ug/l	87
21) trans-1,2-Dichloroethene	5.01	96	94663	51.538	ug/l	84
22) Diisopropyl ether	5.91	45	264004	50.019	ug/l #	96
23) Vinyl Acetate	5.86	43	1021666	250.010	ug/l #	93
24) 1,1-Dichloroethane	5.81	63	162206	50.296	ug/l	97
25) 2-Butanone	6.80	43	301601	253.926	ug/l #	90
26) 2,2-Dichloropropane	6.79	77	158713	51.190	ug/l	96
27) cis-1,2-Dichloroethene	6.80	96	109412	51.790	ug/l	87
28) Bromochloromethane	7.17	49	56817	44.079	ug/l #	70
29) Tetrahydrofuran	7.18	42	164970	224.484	ug/l #	85
30) Chloroform	7.35	83	173841	52.024	ug/l	99
31) Cyclohexane	7.63	56	144611	46.600	ug/l	91
32) 1,1,1-Trichloroethane	7.54	97	162582	52.622	ug/l	95
36) 1,1-Dichloropropene	7.77	75	129615	51.867	ug/l	95
37) Ethyl Acetate	6.89	43	108385	46.243	ug/l	95
38) Carbon Tetrachloride	7.75	117	143876	52.927	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.06	83	160262	52.011	ug/l	91
40) Benzene	8.02	78	385505	51.726	ug/l	99
41) Methacrylonitrile	7.18	41	157122	136.099	ug/l #	100
42) 1,2-Dichloroethane	8.10	62	131288	51.956	ug/l	95
43) Isopropyl Acetate	8.14	43	192933	47.857	ug/l #	95
44) Trichloroethene	8.82	130	113522	55.797	ug/l	92
45) 1,2-Dichloropropane	9.10	63	97333	52.777	ug/l	99
46) Dibromomethane	9.19	93	70035	53.835	ug/l	91
47) Bromodichloromethane	9.38	83	141590	54.010	ug/l	99
48) Methyl methacrylate	9.18	41	85233	47.266	ug/l	87
49) 1,4-Dioxane	9.18	88	34511	1045.428	ug/l #	88
51) 4-Methyl-2-Pentanone	9.97	43	551891	236.815	ug/l	94
52) Toluene	10.14	92	248699	52.830	ug/l	100
53) t-1,3-Dichloropropene	10.37	75	158131	54.021	ug/l	99
54) cis-1,3-Dichloropropene	9.82	75	167072	54.245	ug/l	91
55) 1,1,2-Trichloroethane	10.55	97	97603	52.349	ug/l	99
56) Ethyl methacrylate	10.42	69	143744	50.456	ug/l	90
57) 1,3-Dichloropropane	10.70	76	158828	53.657	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.68	63	324068	377.656	ug/l	90
59) 2-Hexanone	10.74	43	447784	260.815	ug/l	94
60) Dibromochloromethane	10.89	129	117299	55.247	ug/l	98
61) 1,2-Dibromoethane	10.99	107	105537	54.006	ug/l	99
64) Tetrachloroethene	10.62	164	116189	54.458	ug/l	95
65) Chlorobenzene	11.43	112	274415	53.331	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.50	131	107839	54.239	ug/l	99
67) Ethyl Benzene	11.50	91	493319	52.814	ug/l	98
68) m/p-Xylenes	11.62	106	376175	106.615	ug/l	93
69) o-Xylene	11.94	106	179897	52.079	ug/l	95
70) Styrene	11.96	104	305976	52.935	ug/l	96
71) Bromoform	12.12	173	88113	55.327	ug/l #	99
73) Isopropylbenzene	12.25	105	488959	51.176	ug/l	99
74) N-amyl acetate	12.06	43	169890	45.824	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.50	83	132520	47.844	ug/l	97
76) 1,2,3-Trichloropropane	12.55	75	182920	83.432	ug/l #	100
77) Bromobenzene	12.52	156	127539	52.711	ug/l	78
78) n-propylbenzene	12.59	91	554686	51.724	ug/l	97
79) 2-Chlorotoluene	12.67	91	323087	50.643	ug/l	94
80) 1,3,5-Trimethylbenzene	12.73	105	415376	51.694	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.29	75	50206	49.177	ug/l	94
82) 4-Chlorotoluene	12.77	91	333940	52.187	ug/l	95
83) tert-Butylbenzene	12.99	119	360114	51.818	ug/l	94
84) 1,2,4-Trimethylbenzene	13.04	105	420154	52.853	ug/l	99
85) sec-Butylbenzene	13.17	105	476979	52.239	ug/l	99
86) p-Isopropyltoluene	13.29	119	443907	52.542	ug/l	98
87) 1,3-Dichlorobenzene	13.28	146	226505	53.892	ug/l	98
88) 1,4-Dichlorobenzene	13.36	146	222329	53.026	ug/l	98
89) n-Butylbenzene	13.61	91	388179	53.887	ug/l	98
90) Hexachloroethane	13.87	117	81590	51.616	ug/l	88
91) 1,2-Dichlorobenzene	13.65	146	220097	52.971	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.27	75	28915	48.577	ug/l	82

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Quant Title : SW846 8260
QLast Update : Sat Jan 18 03:09:32 2020
Response via : Initial Calibration

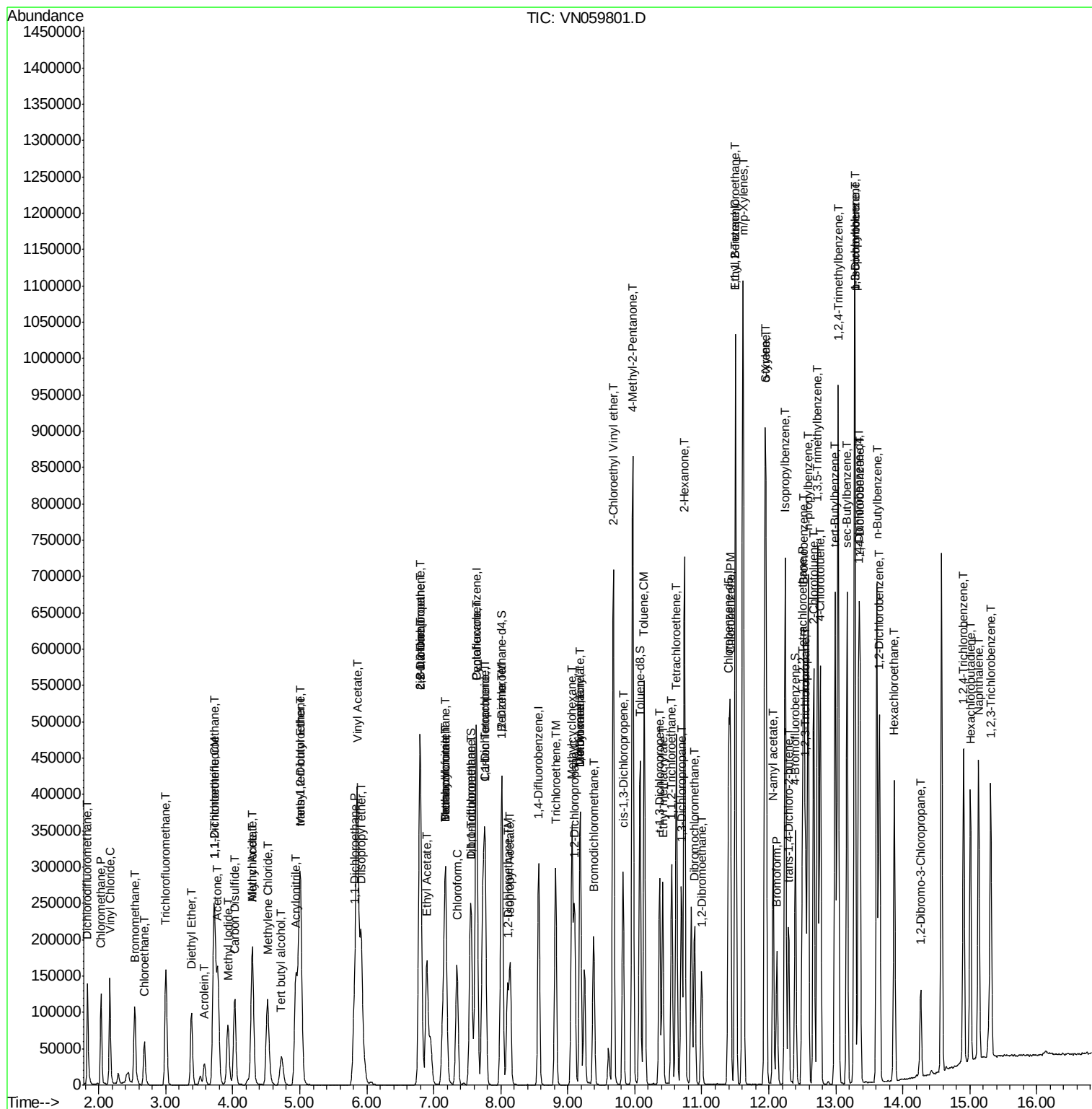
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	140332	56.207	ug/l	99
94) Hexachlorobutadiene	15.01	225	73398	53.348	ug/l	100
95) Naphthalene	15.13	128	359332	50.599	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	133363	54.877	ug/l	99

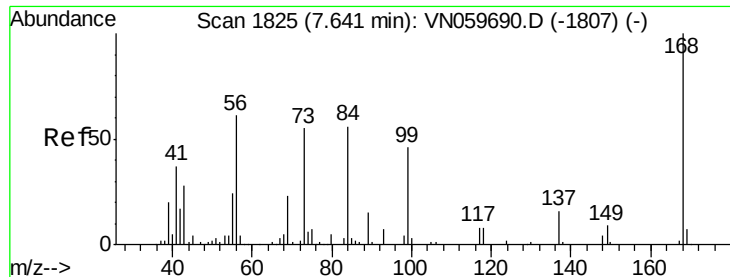
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. 0.00 min

Lab File: VN059801.D

Acq: 21 Jan 2020 9:19

Instrument :

MSVOA_N

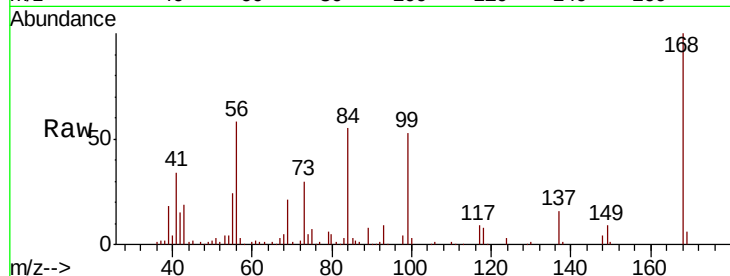
ClientSampled :

Tot Ion:168 Resp: 188867

Ion Ratio Lower Upper

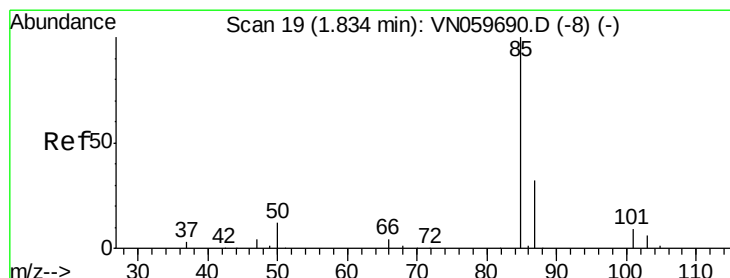
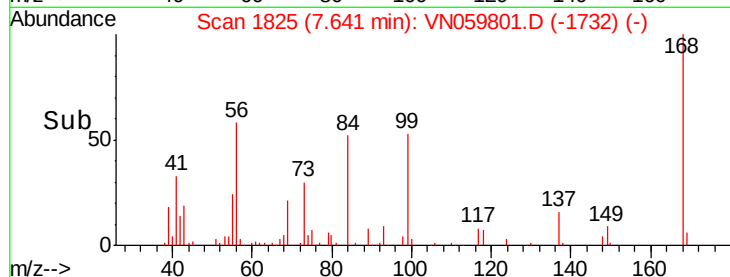
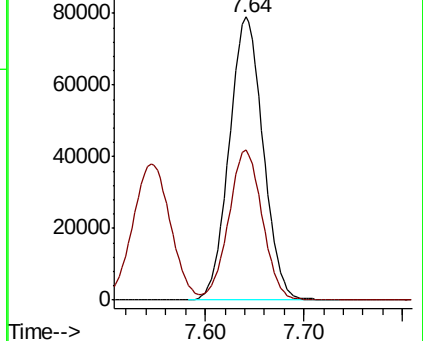
168 100

99 52.9 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#2

Dichlorodifluoromethane

Concen: 50.457 ug/l

RT: 1.83 min Scan# 18

Delta R.T. -0.00 min

Lab File: VN059801.D

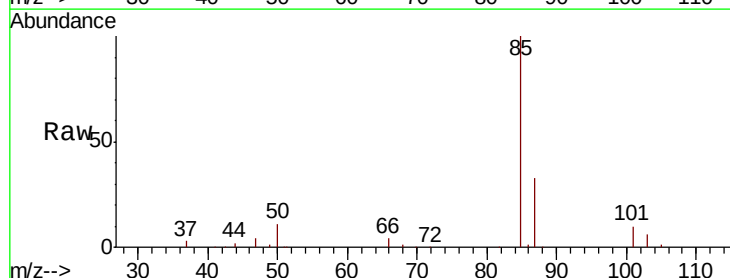
Acq: 21 Jan 2020 9:19

Tgt Ion: 85 Resp: 112344

Ion Ratio Lower Upper

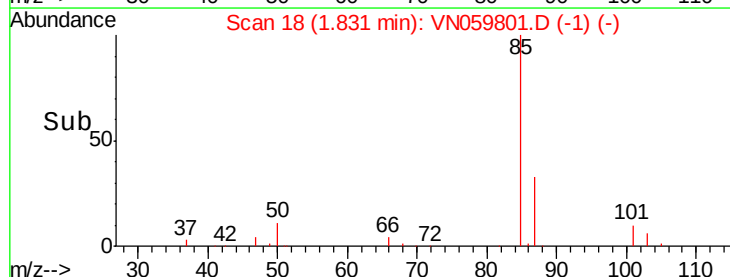
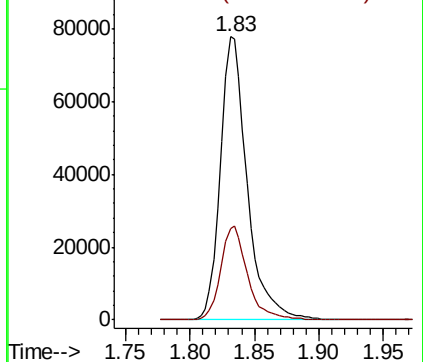
85 100

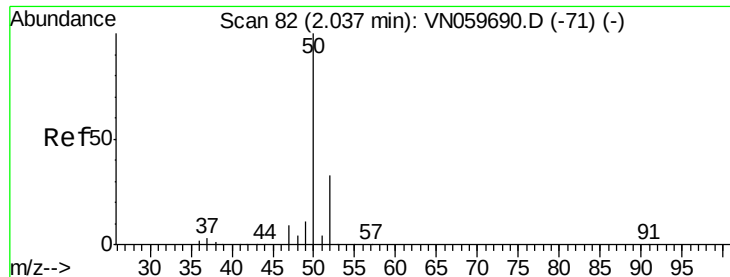
87 32.5 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN





#3

Chloromethane

Concen: 48.987 ug/l

RT: 2.03 min Scan# 81

Delta R.T. -0.00 min

Lab File: VN059801.D

Acq: 21 Jan 2020 9:19

Instrument :

MSVOA_N

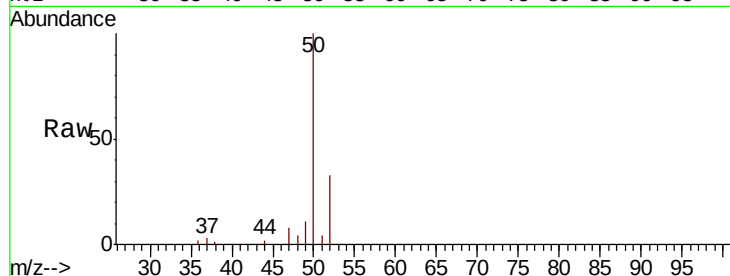
ClientSampleId :

Tot Ion: 50 Resp: 105925

Ion Ratio Lower Upper

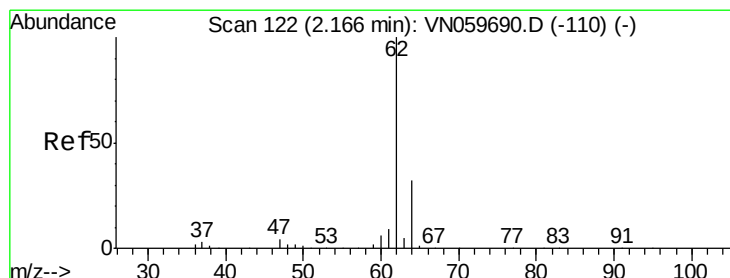
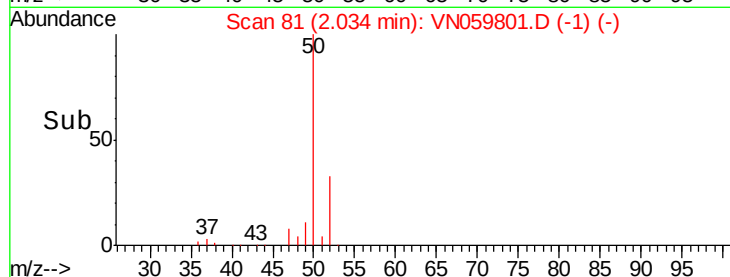
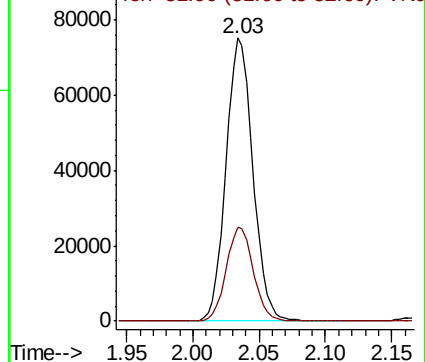
50 100

52 33.3 25.9 38.9



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0



#4

Vinyl Chloride

Concen: 53.043 ug/l

RT: 2.17 min Scan# 122

Delta R.T. 0.00 min

Lab File: VN059801.D

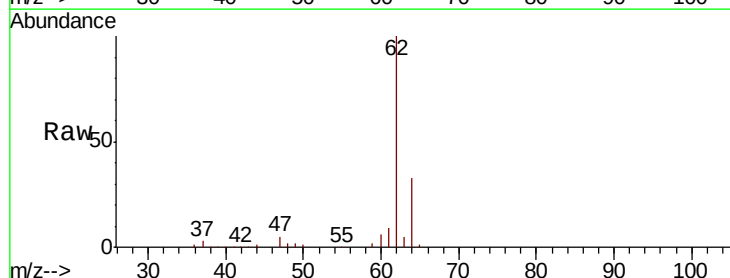
Acq: 21 Jan 2020 9:19

Tgt Ion: 62 Resp: 131230

Ion Ratio Lower Upper

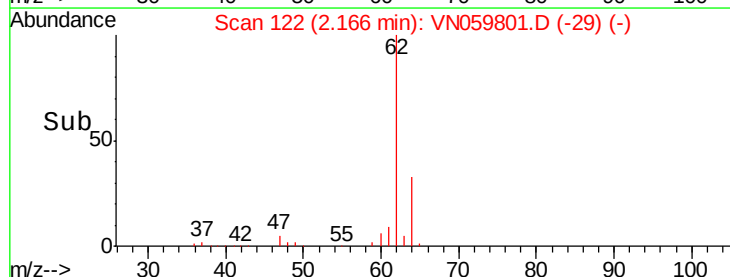
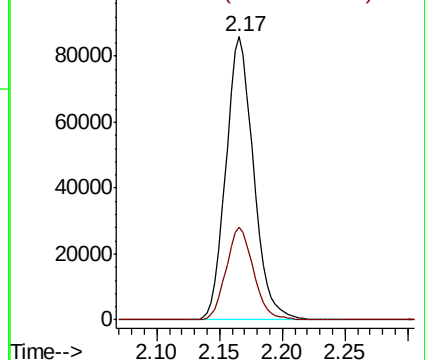
62 100

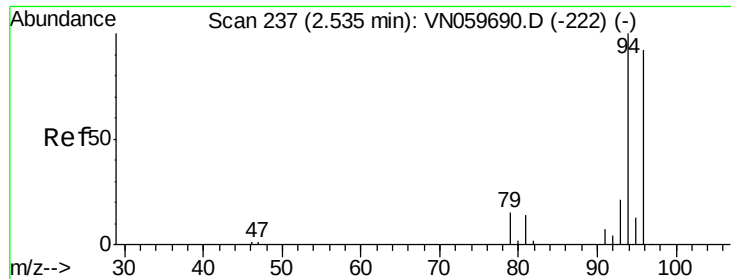
64 32.8 24.6 37.0



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0

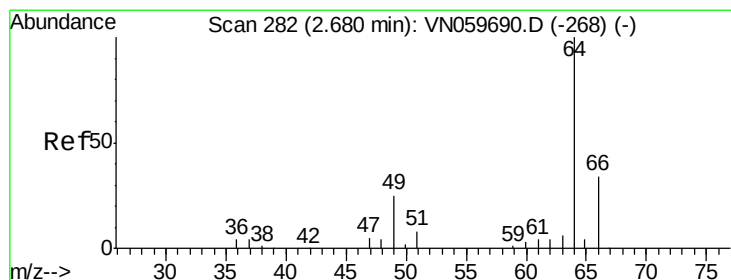
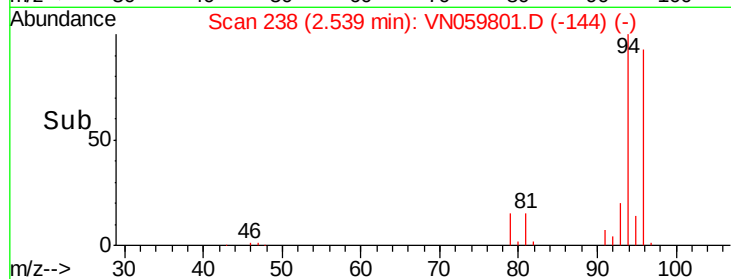
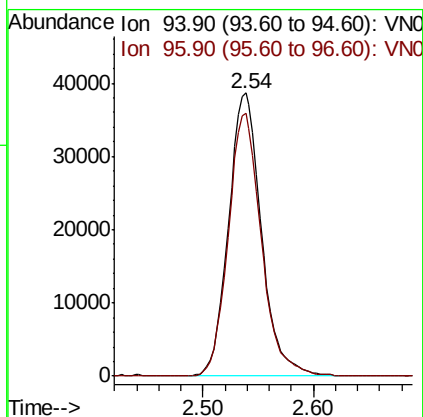
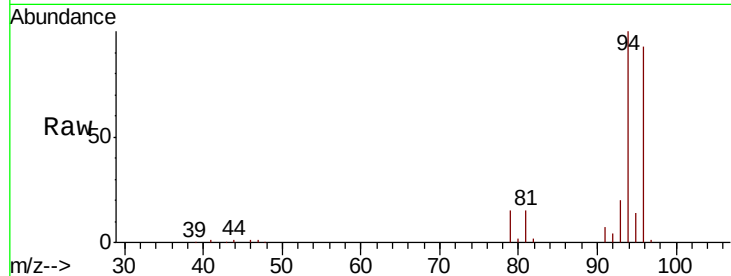




#5
Bromomethane
Concen: 52.872 ug/l
RT: 2.54 min Scan# 238
Delta R.T. 0.00 min
Lab File: VN059801.D
Acq: 21 Jan 2020 9:19

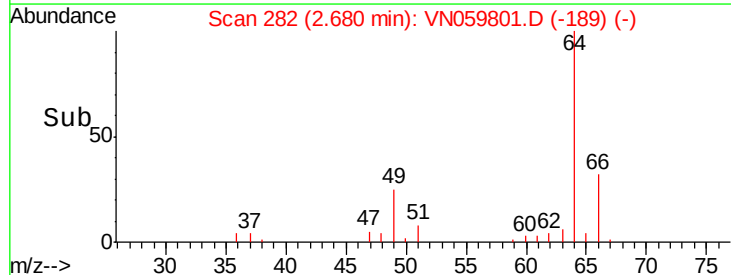
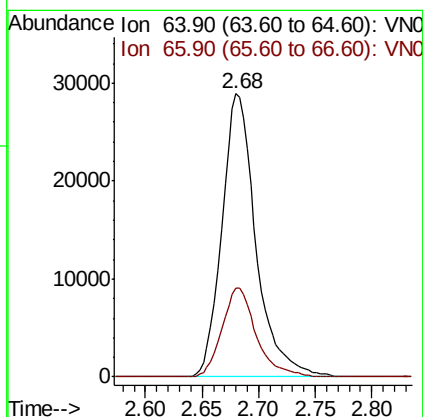
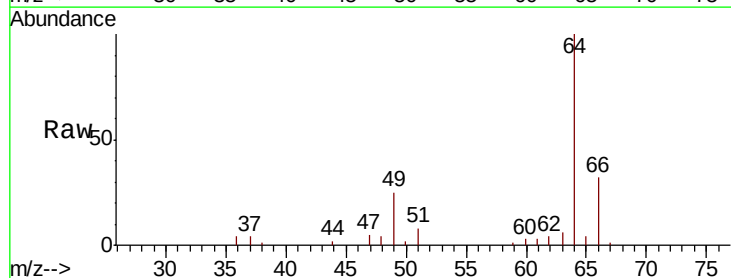
Instrument :
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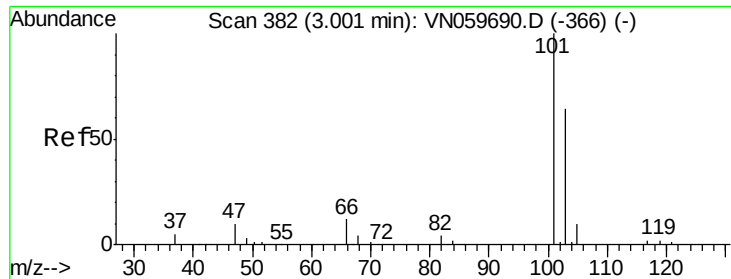
Tot Ion: 94 Resp: 79828
Ion Ratio Lower Upper
94 100
96 92.8 74.7 112.1



#6
Chloroethane
Concen: 51.575 ug/l
RT: 2.68 min Scan# 282
Delta R.T. 0.00 min
Lab File: VN059801.D
Acq: 21 Jan 2020 9:19

Tgt Ion: 64 Resp: 60367
Ion Ratio Lower Upper
64 100
66 31.5 25.1 37.7



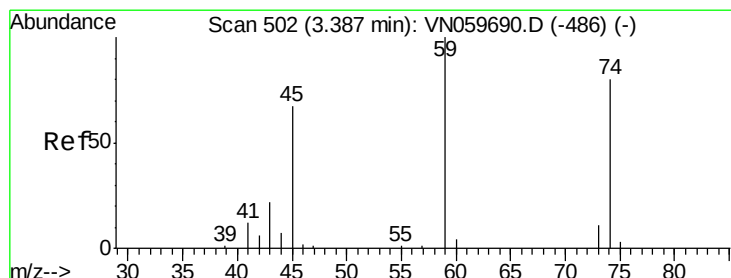
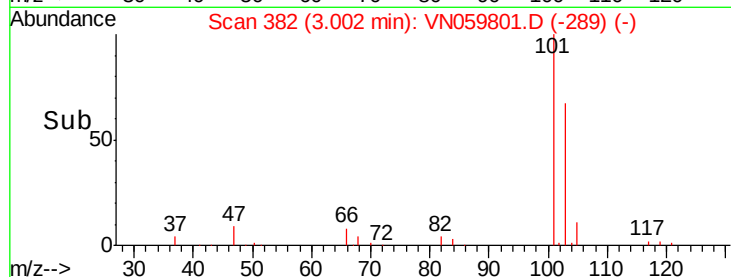
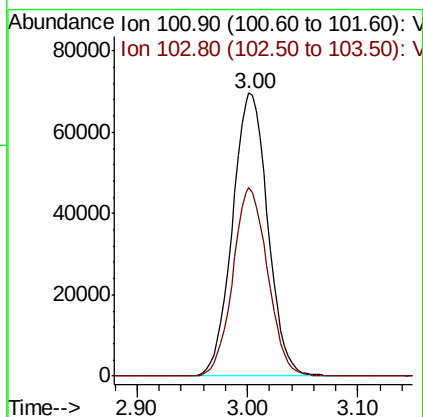
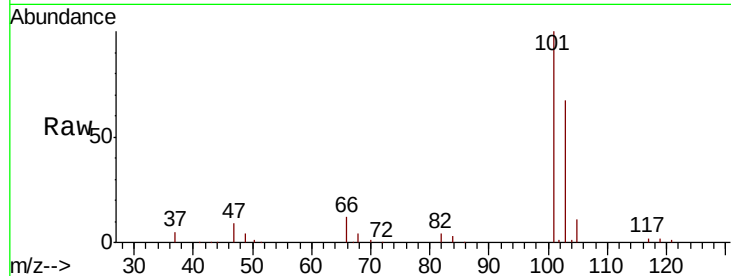


#7

Trichlorofluoromethane
Concen: 51.921 ug/l
RT: 3.00 min Scan# 382
Delta R.T. 0.00 min
Lab File: VN059801.D
Acq: 21 Jan 2020 9:19

Instrument :
MSVOA_N
ClientSampled :

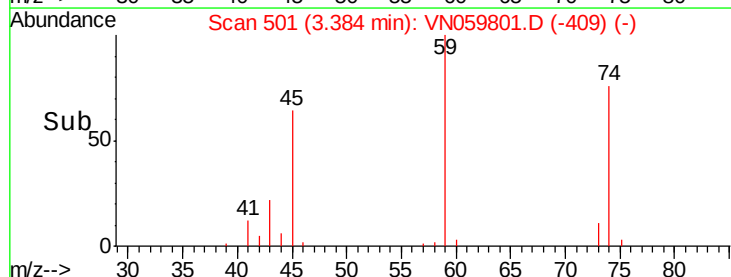
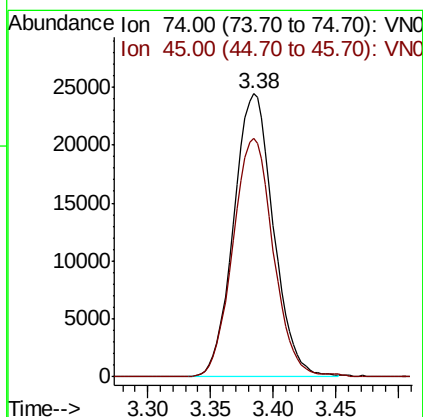
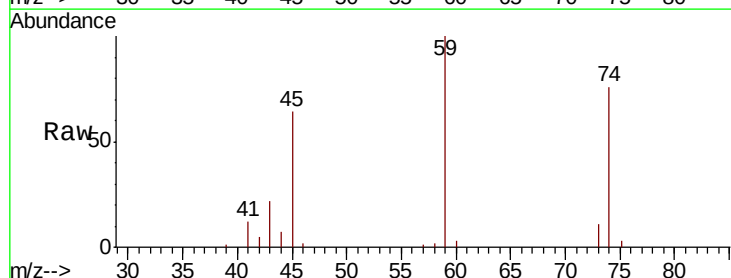
Tot Ion:101 Resp: 154265
Ion Ratio Lower Upper
101 100
103 66.7 51.0 76.6

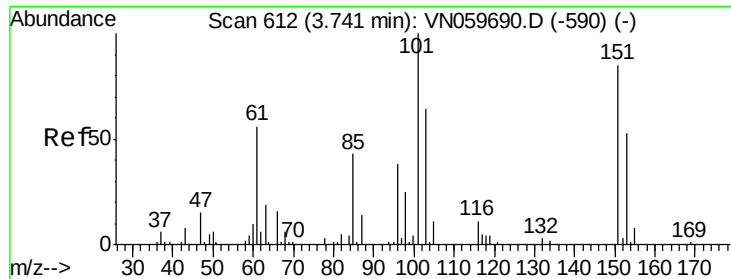


#8

Diethyl Ether
Concen: 51.758 ug/l
RT: 3.38 min Scan# 501
Delta R.T. -0.00 min
Lab File: VN059801.D
Acq: 21 Jan 2020 9:19

Tgt Ion: 74 Resp: 53968
Ion Ratio Lower Upper
74 100
45 85.7 51.9 155.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 55.312 ug/l

RT: 3.73 min Scan# 610

Delta R.T. -0.01 min

Lab File: VN059801.D

Acq: 21 Jan 2020 9:19

Instrument :

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ClientSampleId :

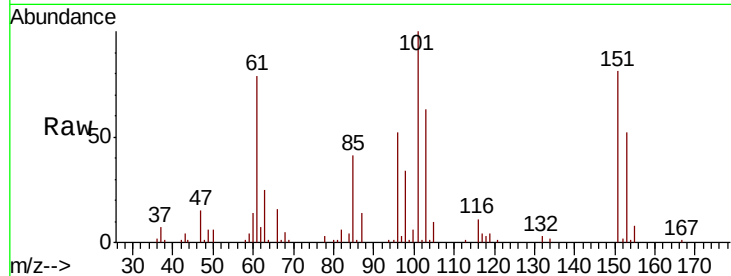
Tot Ion:101 Resp: 91467

Ion Ratio Lower Upper

101 100

85 42.9 36.6 54.8

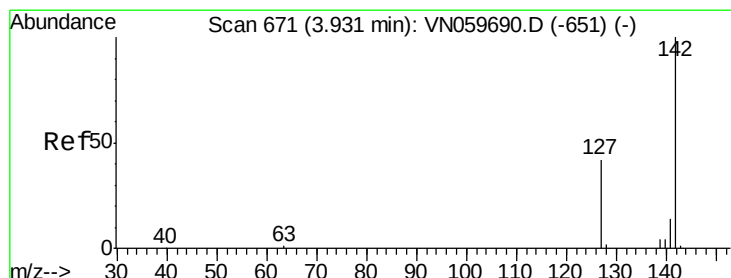
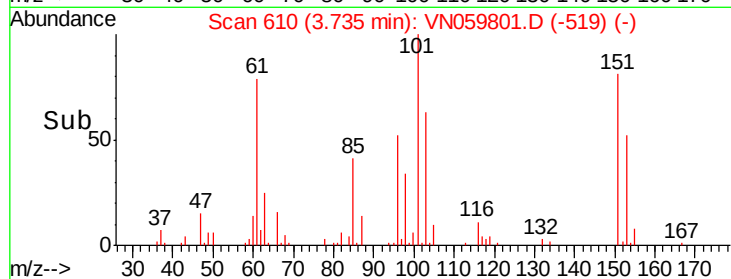
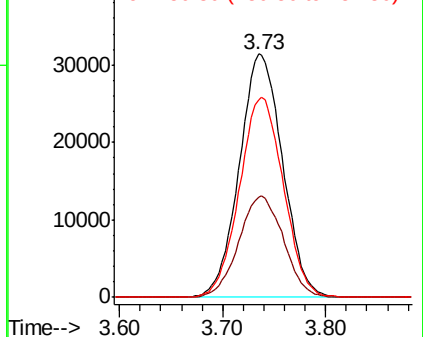
151 83.4 59.7 89.5



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 51.277 ug/l

RT: 3.93 min Scan# 670

Delta R.T. -0.00 min

Lab File: VN059801.D

Acq: 21 Jan 2020 9:19

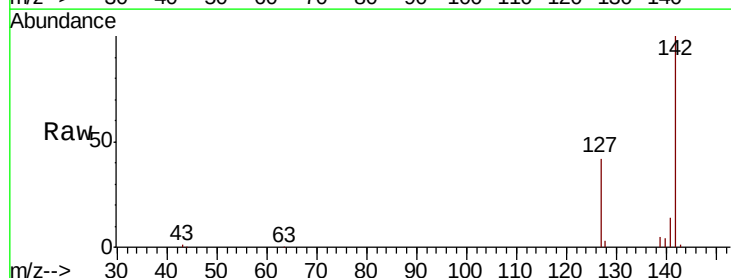
Tgt Ion:142 Resp: 137061

Ion Ratio Lower Upper

142 100

127 41.7 36.7 55.1

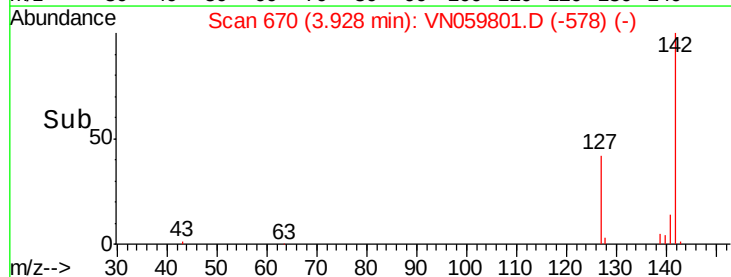
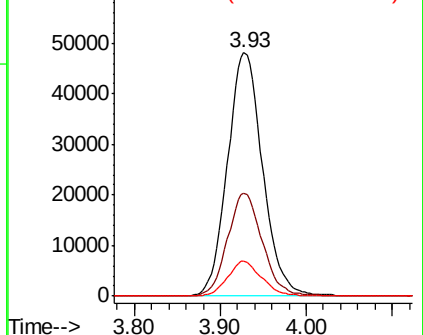
141 13.9 11.7 17.5

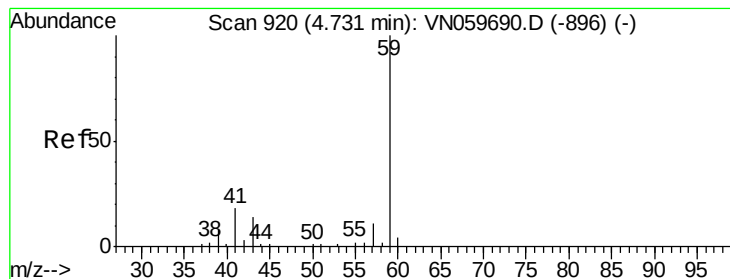


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



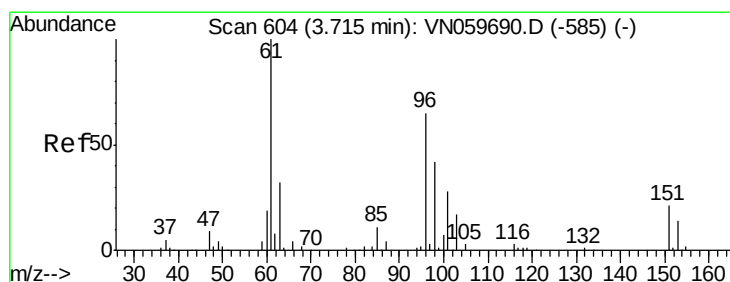
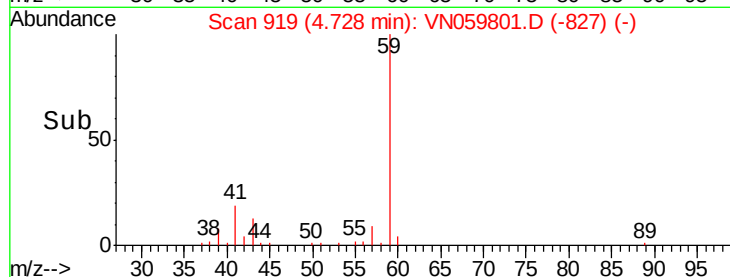
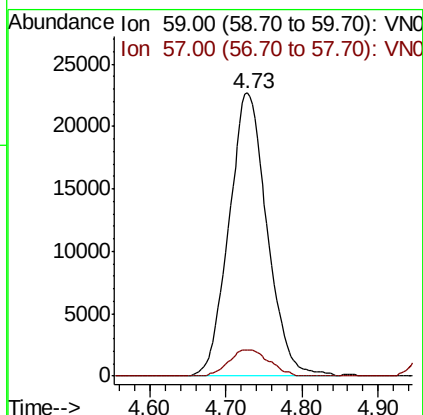
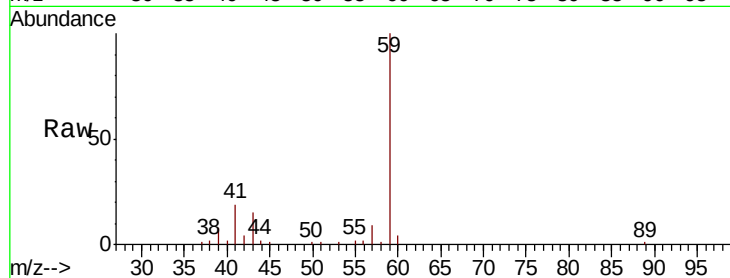


#11

Tert butyl alcohol
Concen: 223.388 ug/l
RT: 4.73 min Scan# 919
Delta R.T. -0.00 min
Lab File: VN059801.D
Acq: 21 Jan 2020 9:19

Instrument :
MSVOA_N
ClientSampled :

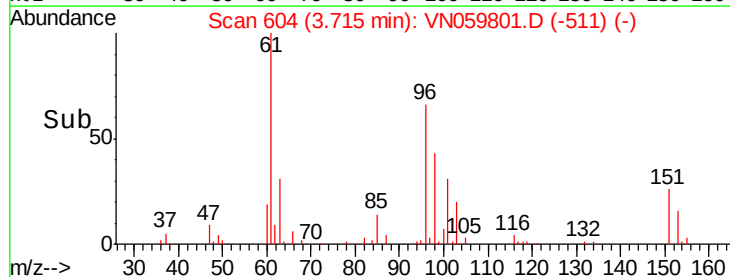
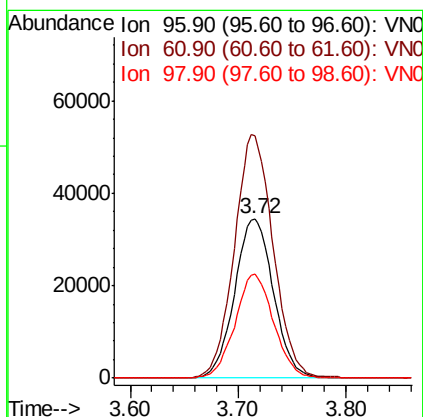
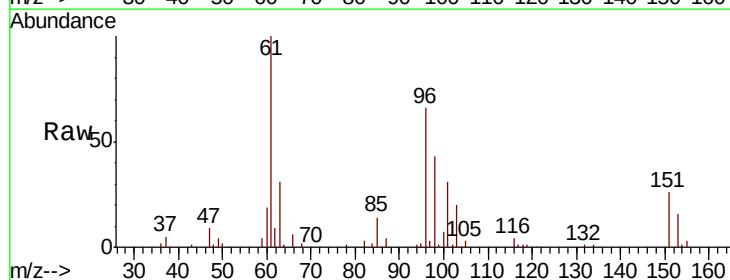
Tot Ion: 59 Resp: 78876
Ion Ratio Lower Upper
59 100
57 9.9 8.6 12.8

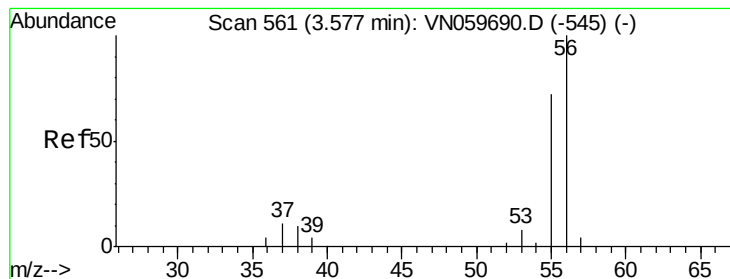


#12

1,1-Dichloroethene
Concen: 49.993 ug/l
RT: 3.72 min Scan# 604
Delta R.T. 0.00 min
Lab File: VN059801.D
Acq: 21 Jan 2020 9:19

Tgt Ion: 96 Resp: 86385
Ion Ratio Lower Upper
96 100
61 151.8 137.5 206.3
98 65.2 50.2 75.4





#13

Acrolein

Concen: 135.062 ug/l

RT: 3.58 min Scan# 561

Delta R.T. 0.00 min

Lab File: VN059801.D

Acq: 21 Jan 2020 9:19

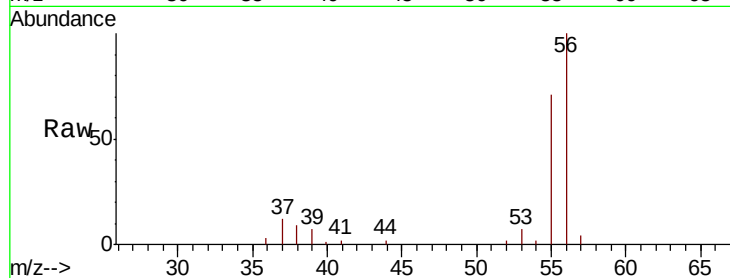
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 56 Resp: 33758

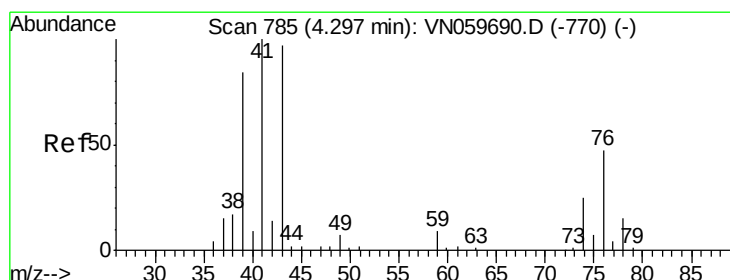
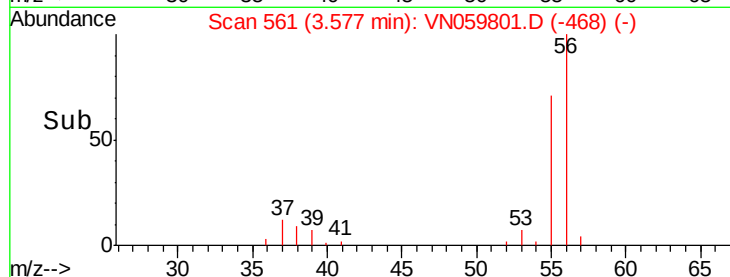
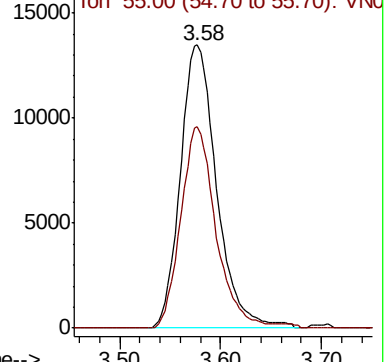
Ion Ratio Lower Upper

56 100

55 69.8 58.6 88.0



Abundance Ion 56.00 (55.70 to 56.70): VN059801.D (-468) (-)



#14

Allyl chloride

Concen: 50.305 ug/l

RT: 4.29 min Scan# 784

Delta R.T. -0.00 min

Lab File: VN059801.D

Acq: 21 Jan 2020 9:19

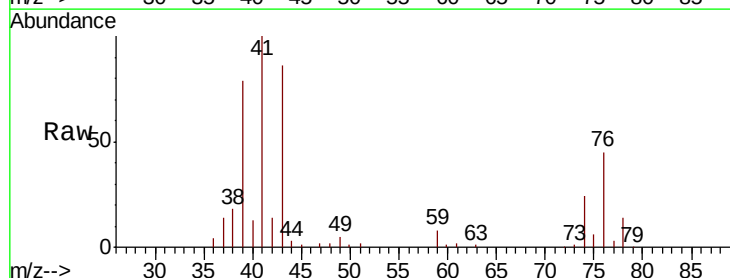
Tgt Ion: 41 Resp: 117163

Ion Ratio Lower Upper

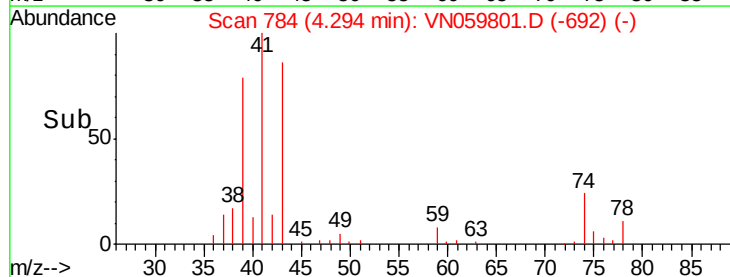
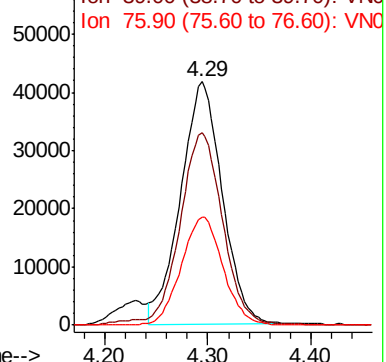
41 100

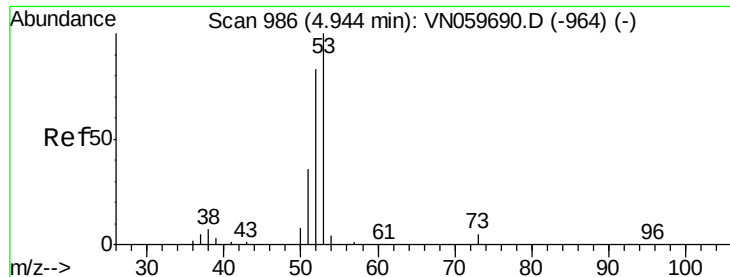
39 82.1 57.8 86.8

76 44.6 25.4 38.0#



Abundance Ion 41.00 (40.70 to 41.70): VN059801.D (-692) (-)





#15

Acrylonitrile

Concen: 247.324 ug/l

RT: 4.94 min Scan# 986

Delta R.T. 0.00 min

Lab File: VN059801.D

Acq: 21 Jan 2020 9:19

Instrument :

MSVOA_N

ClientSampleId :

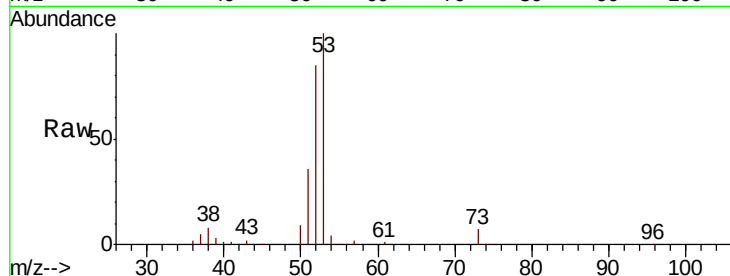
Tot Ion: 53 Resp: 199201

Ion Ratio Lower Upper

53 100

52 83.0 66.3 99.5

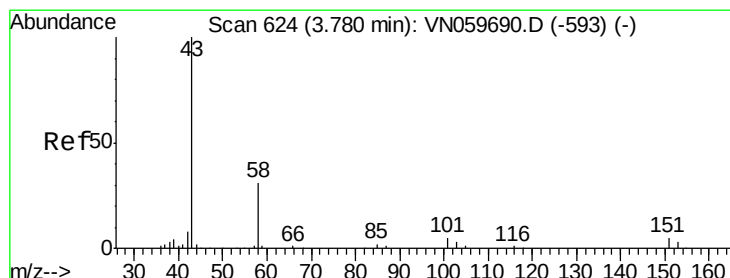
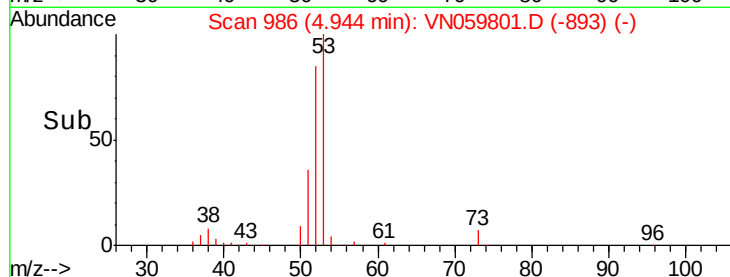
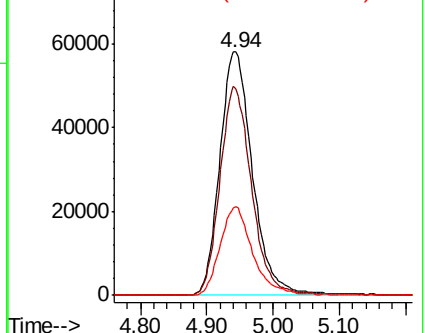
51 36.2 29.7 44.5



Abundance Ion 53.00 (52.70 to 53.70): VN059801.D (-530) (-)

Ion 52.00 (51.70 to 52.70): VN059801.D (-530) (-)

Ion 51.00 (50.70 to 51.70): VN059801.D (-530) (-)



#16

Acetone

Concen: 328.787 ug/l

RT: 3.78 min Scan# 624

Delta R.T. 0.00 min

Lab File: VN059801.D

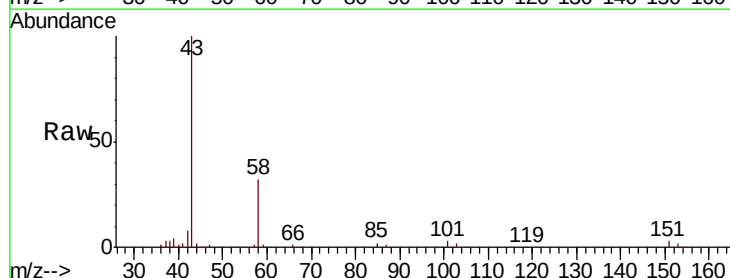
Acq: 21 Jan 2020 9:19

Tgt Ion: 43 Resp: 232947

Ion Ratio Lower Upper

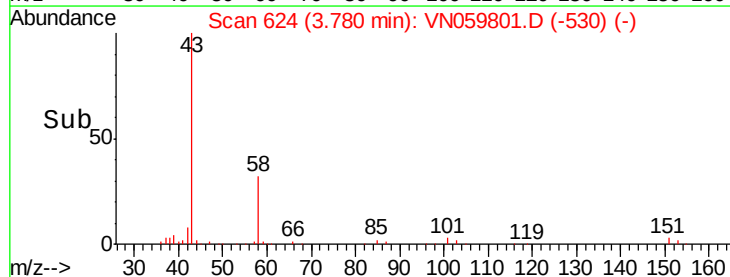
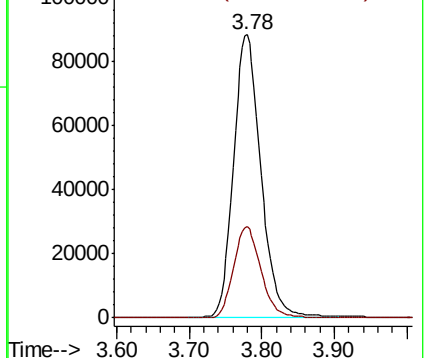
43 100

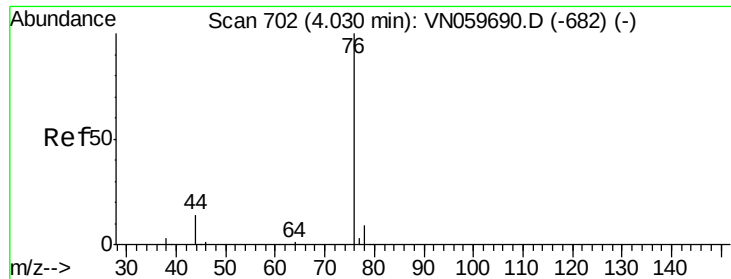
58 32.2 23.6 35.4



Abundance Ion 43.00 (42.70 to 43.70): VN059801.D (-530) (-)

Ion 58.00 (57.70 to 58.70): VN059801.D (-530) (-)





#17

Carbon Disulfide

Concen: 47.926 ug/l

RT: 4.03 min Scan# 702

Delta R.T. 0.00 min

Lab File: VN059801.D

Acq: 21 Jan 2020 9:19

Instrument :

MSVOA_N

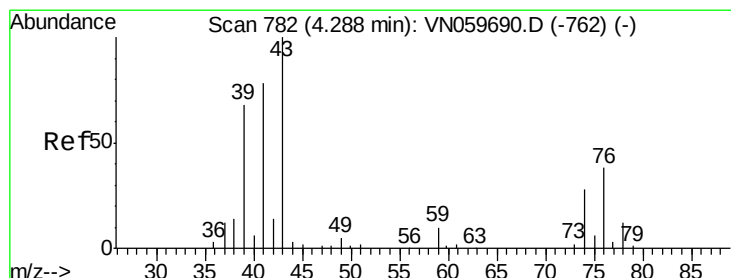
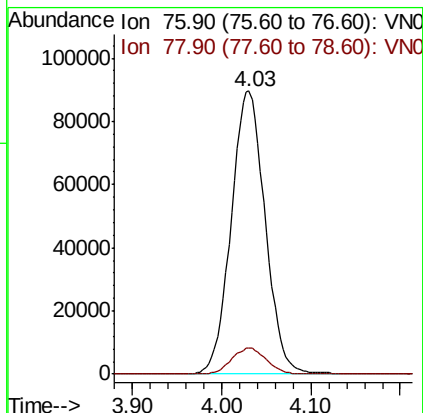
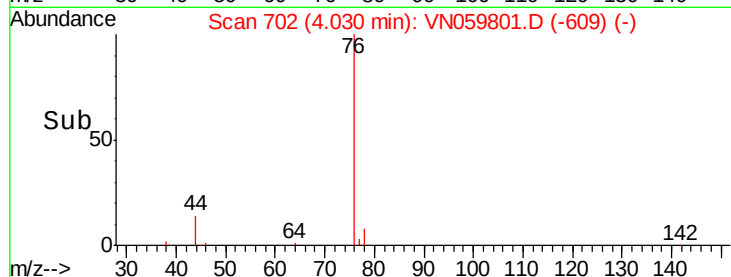
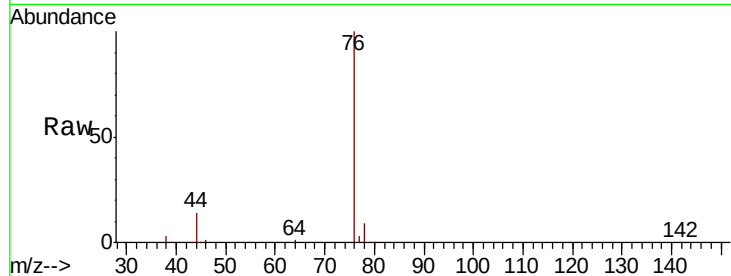
ClientSampled :

Tot Ion: 76 Resp: 235907

Ion Ratio Lower Upper

76 100

78 9.3 7.4 11.0



#18

Methyl Acetate

Concen: 47.424 ug/l

RT: 4.29 min Scan# 782

Delta R.T. 0.00 min

Lab File: VN059801.D

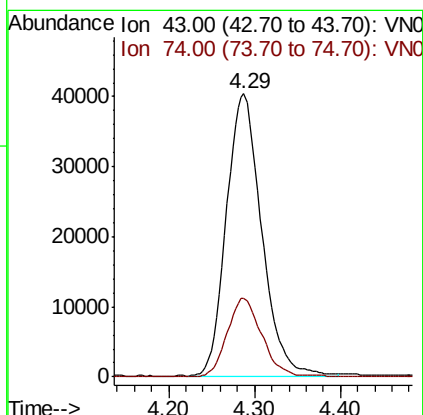
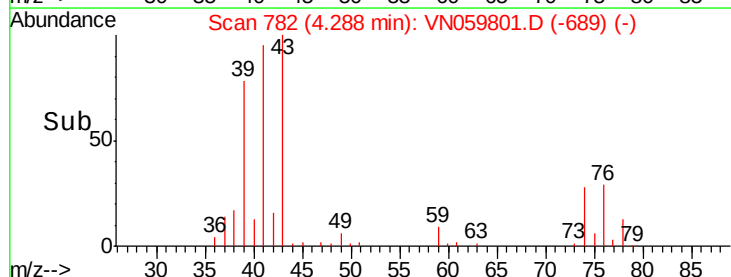
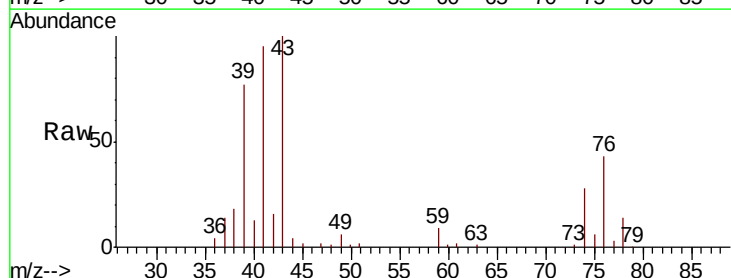
Acq: 21 Jan 2020 9:19

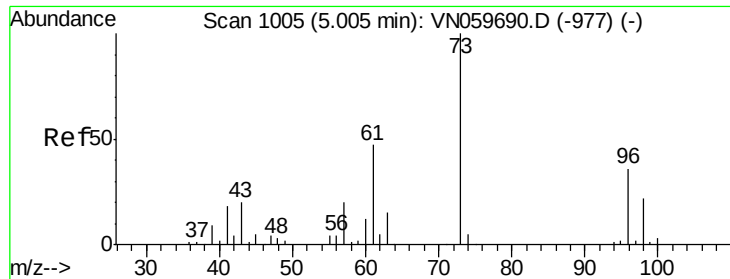
Tgt Ion: 43 Resp: 116186

Ion Ratio Lower Upper

43 100

74 26.9 17.5 26.3#

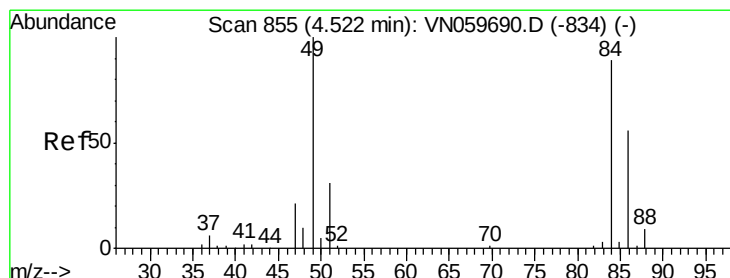
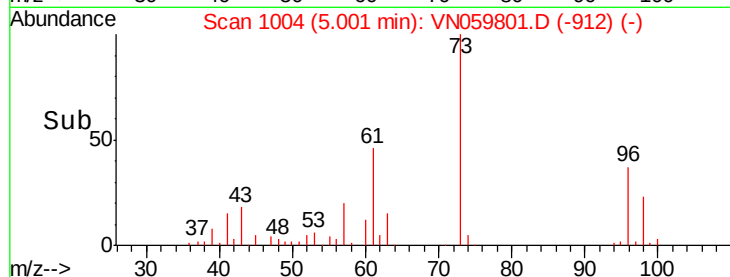
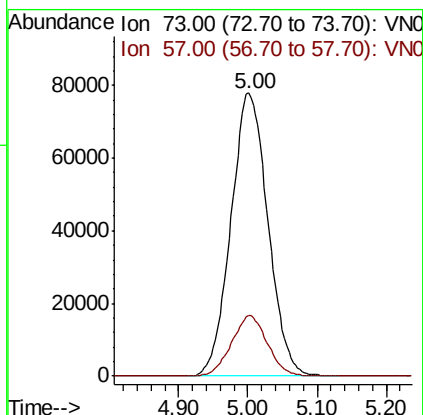
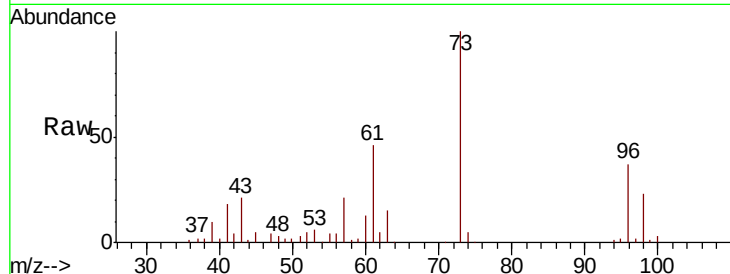




#19
Methyl tert-butyl Ether
Concen: 51.372 ug/l
RT: 5.00 min Scan# 1004
Delta R.T. -0.00 min
Lab File: VN059801.D
Acq: 21 Jan 2020 9:19

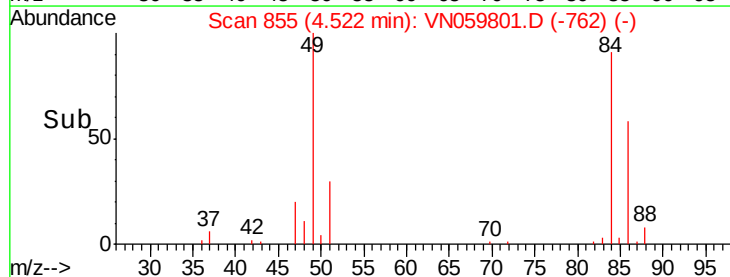
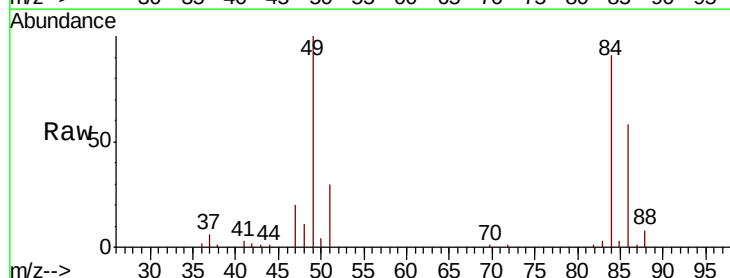
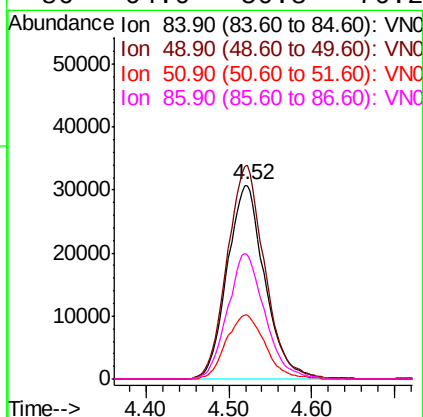
Instrument :
MSVOA_N
ClientSampleId :

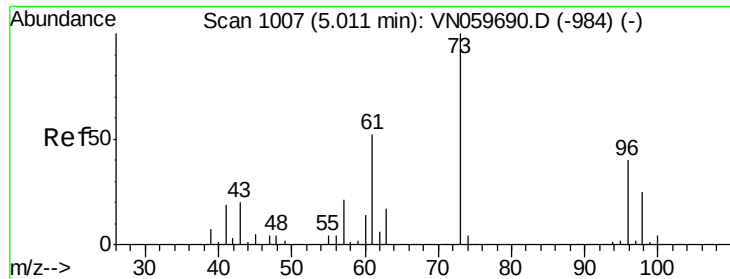
Tot Ion: 73 Resp: 289419
Ion Ratio Lower Upper
73 100
57 21.4 18.6 27.8



#20
Methylene Chloride
Concen: 51.141 ug/l
RT: 4.52 min Scan# 855
Delta R.T. 0.00 min
Lab File: VN059801.D
Acq: 21 Jan 2020 9:19

Tgt Ion: 84 Resp: 96990
Ion Ratio Lower Upper
84 100
49 110.4 106.6 160.0
51 33.1 31.9 47.9
86 64.0 50.8 76.2

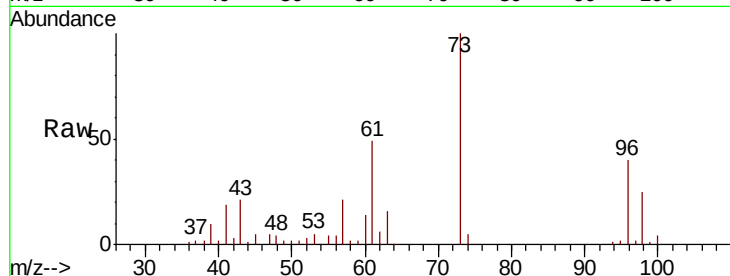




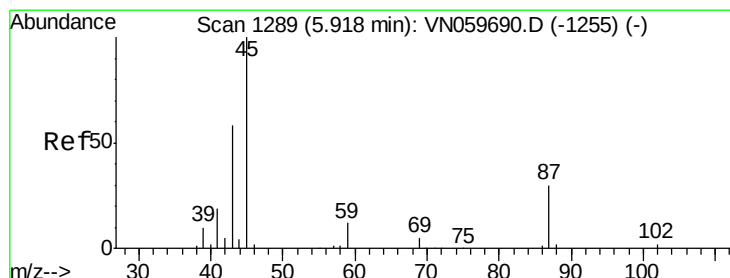
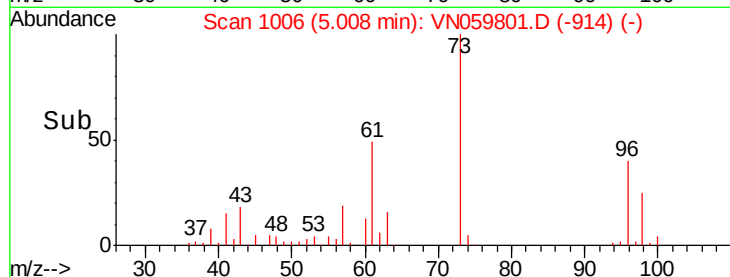
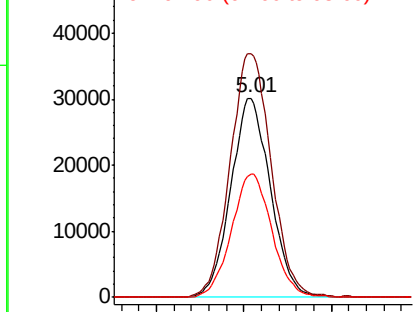
#21
trans-1,2-Dichloroethene
Concen: 51.538 ug/l
RT: 5.01 min Scan# 1006
Delta R.T. -0.00 min
Lab File: VN059801.D
Acq: 21 Jan 2020 9:19

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 96 Resp: 94663
Ion Ratio Lower Upper
96 100
61 122.2 120.4 180.6
98 61.6 50.6 75.8

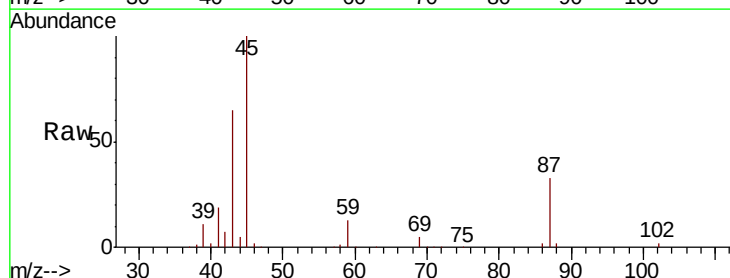


Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0

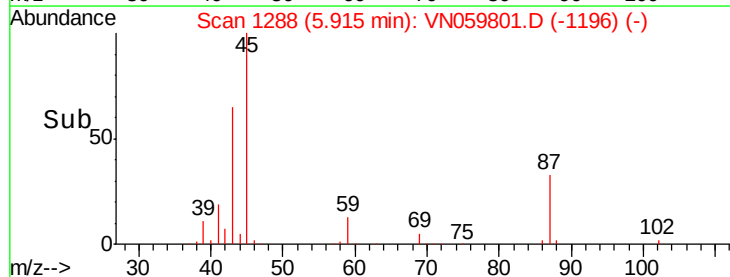
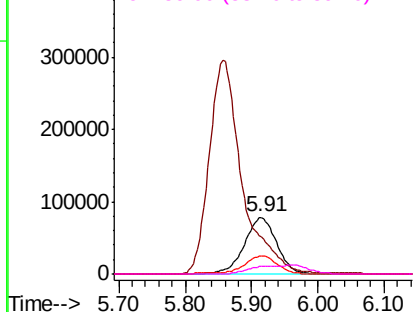


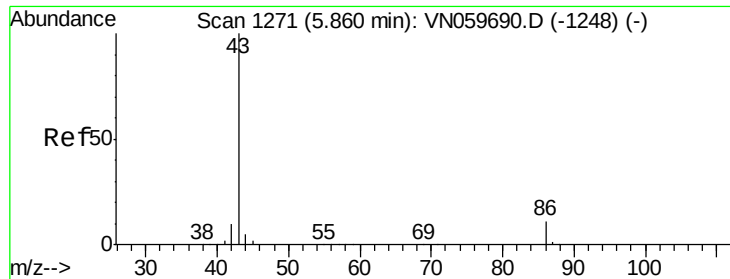
#22
Diisopropyl ether
Concen: 50.019 ug/l
RT: 5.91 min Scan# 1288
Delta R.T. -0.00 min
Lab File: VN059801.D
Acq: 21 Jan 2020 9:19

Tgt Ion: 45 Resp: 264004
Ion Ratio Lower Upper
45 100
43 63.7 50.8 76.2
87 32.6 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

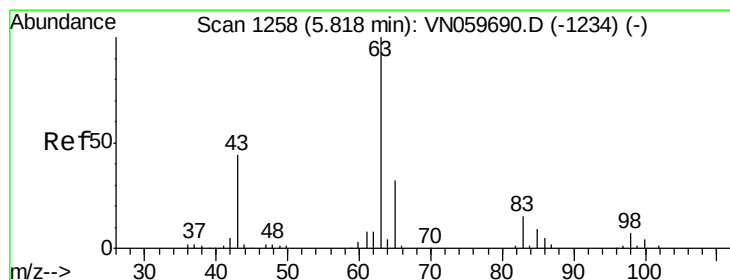
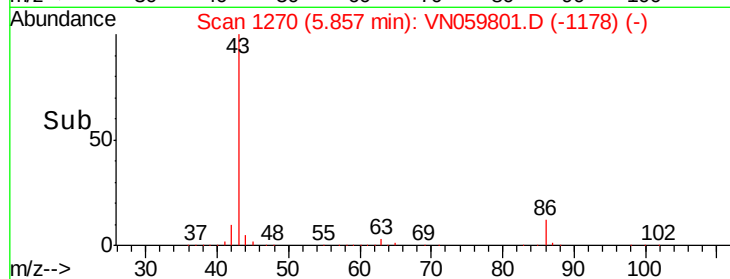
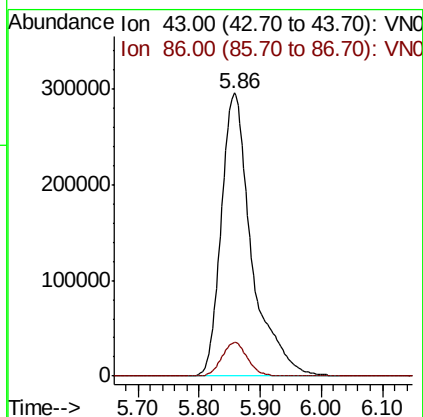
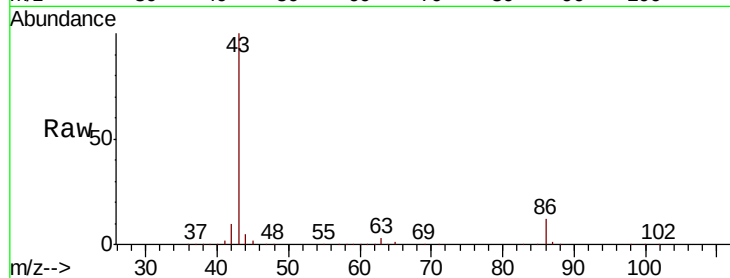




#23
 Vinyl Acetate
 Concen: 250.010 ug/l
 RT: 5.86 min Scan# 1270
 Delta R.T. -0.00 min
 Lab File: VN059801.D
 Acq: 21 Jan 2020 9:19

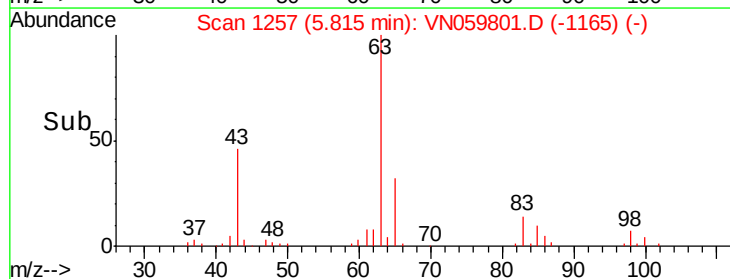
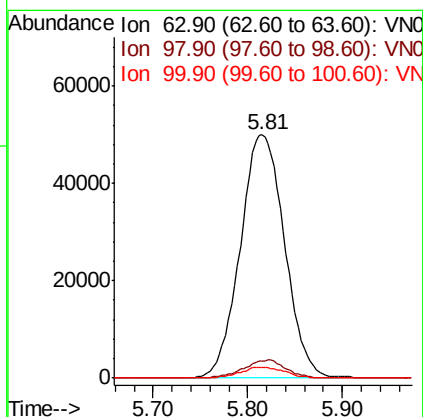
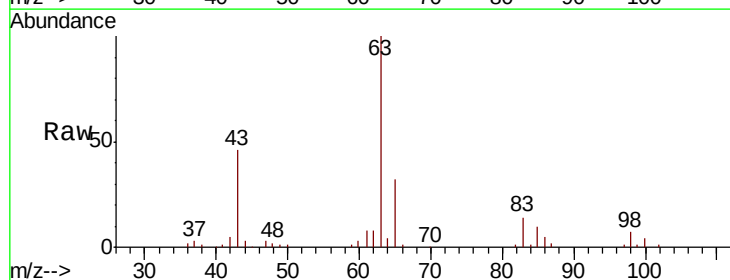
Instrument :
 MSVOA_N
 ClientSampled :

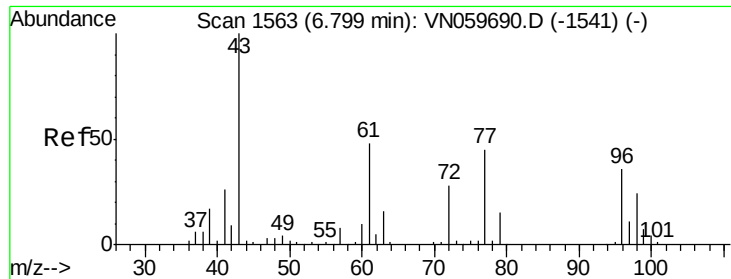
Tot Ion: 43 Resp: 1021666
 Ion Ratio Lower Upper
 43 100
 86 12.0 7.6 11.4#



#24
 1,1-Dichloroethane
 Concen: 50.296 ug/l
 RT: 5.81 min Scan# 1257
 Delta R.T. -0.00 min
 Lab File: VN059801.D
 Acq: 21 Jan 2020 9:19

Tgt Ion: 63 Resp: 162206
 Ion Ratio Lower Upper
 63 100
 98 7.0 2.9 8.7
 100 4.4 2.0 6.0





#25

2-Butanone

Concen: 253.926 ug/l

RT: 6.80 min Scan# 1562

Delta R.T. -0.00 min

Lab File: VN059801.D

Acq: 21 Jan 2020 9:19

Instrument :

MSVOA_N

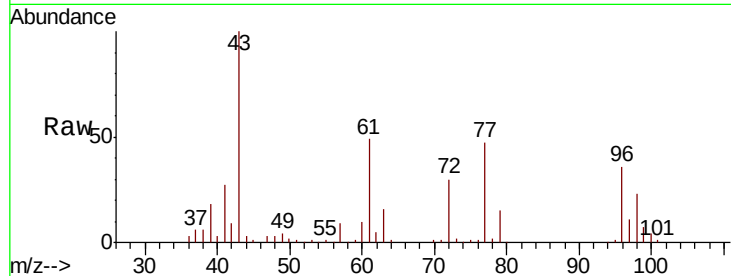
ClientSampled :

Tot Ion: 43 Resp: 301601

Ion Ratio Lower Upper

43 100

72 30.0 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

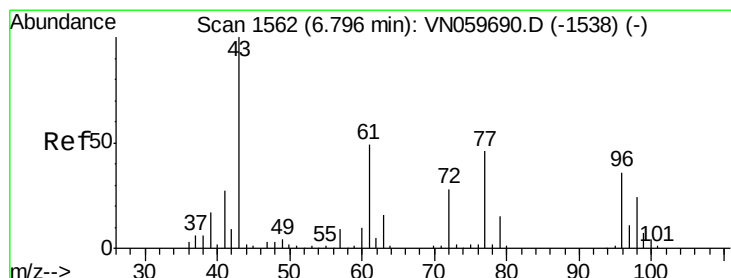
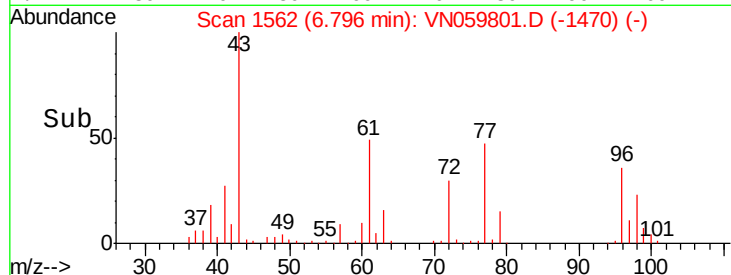
40000

20000

0

6.70 6.75 6.80 6.85

Time-->



#26

2,2-Dichloropropane

Concen: 51.190 ug/l

RT: 6.79 min Scan# 1561

Delta R.T. -0.00 min

Lab File: VN059801.D

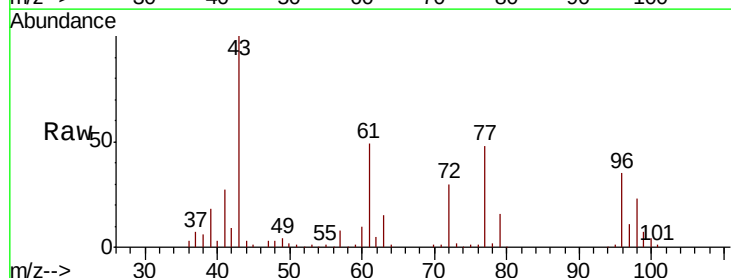
Acq: 21 Jan 2020 9:19

Tgt Ion: 77 Resp: 158713

Ion Ratio Lower Upper

77 100

97 23.4 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) (-)

50000

40000

30000

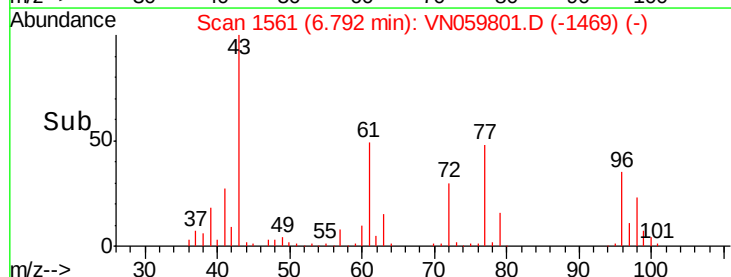
20000

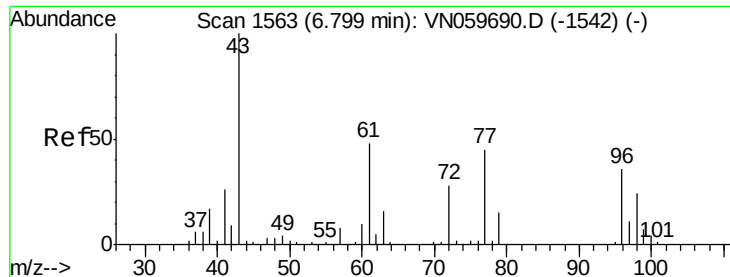
10000

0

6.70 6.80 6.90

Time-->





#27

cis-1,2-Dichloroethene

Concen: 51.790 ug/l

RT: 6.80 min Scan# 1563

Delta R.T. 0.00 min

Lab File: VN059801.D

Acq: 21 Jan 2020 9:19

Instrument :
MSVOA_N
ClientSampled :

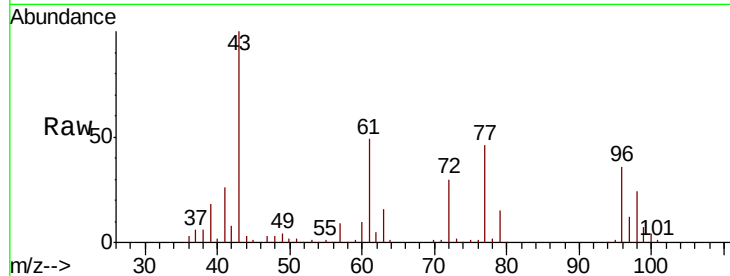
Tot Ion: 96 Resp: 109412

Ion Ratio Lower Upper

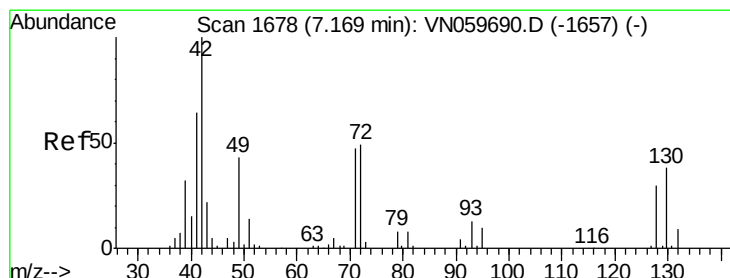
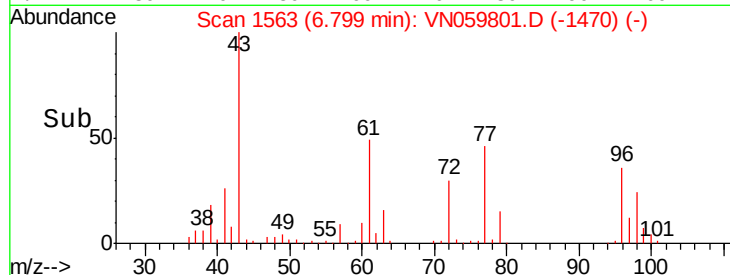
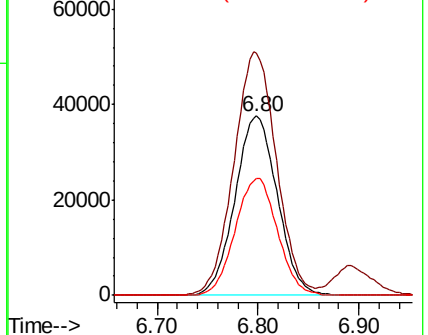
96 100

61 136.9 0.0 317.6

98 65.3 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: 44.079 ug/l

RT: 7.17 min Scan# 1677

Delta R.T. -0.00 min

Lab File: VN059801.D

Acq: 21 Jan 2020 9:19

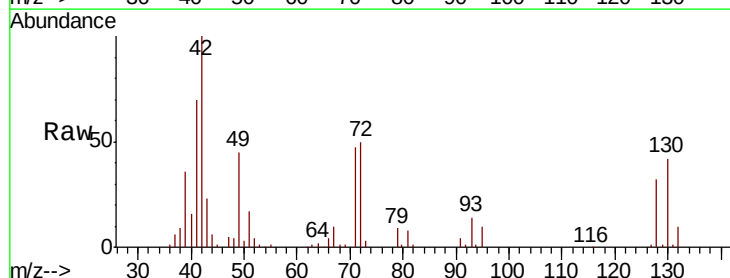
Tgt Ion: 49 Resp: 56817

Ion Ratio Lower Upper

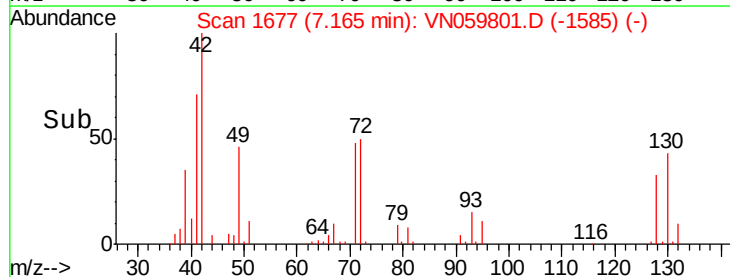
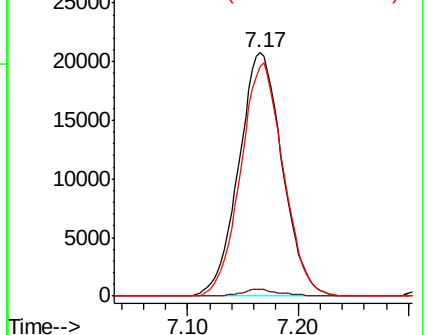
49 100

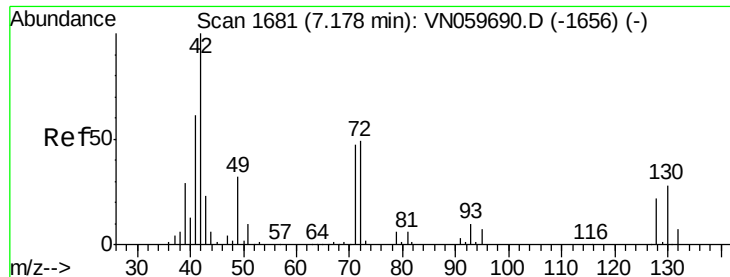
129 2.4 0.0 3.4

130 93.5 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

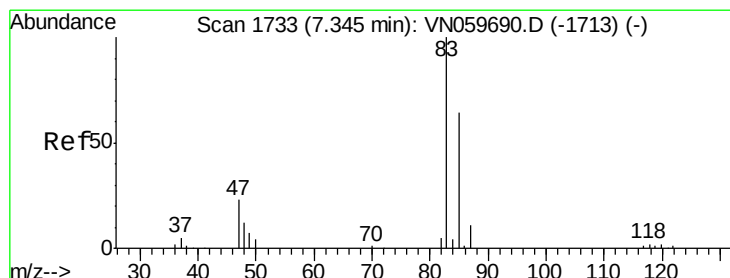
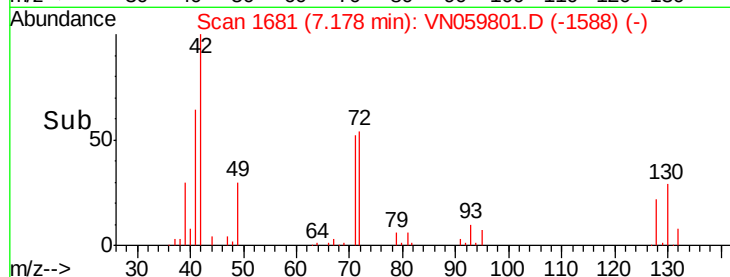
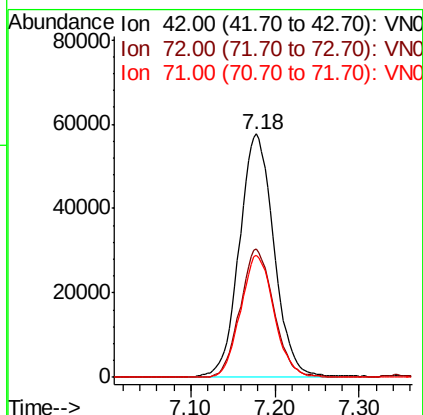
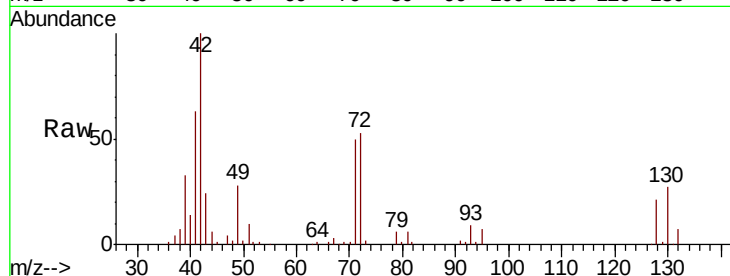




#29
Tetrahydrofuran
Concen: 224.484 ug/l
RT: 7.18 min Scan# 1681
Delta R.T. 0.00 min
Lab File: VN059801.D
Acq: 21 Jan 2020 9:19

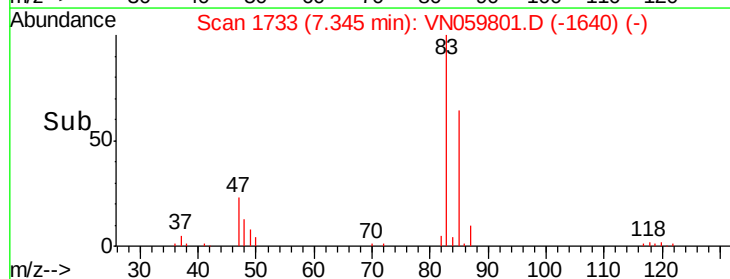
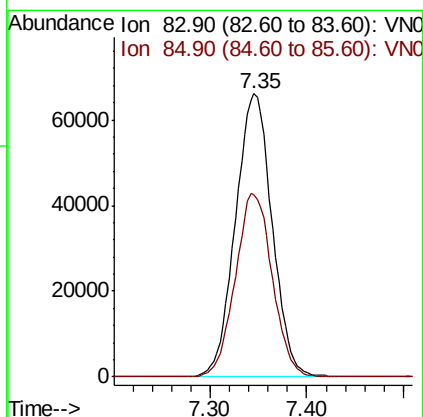
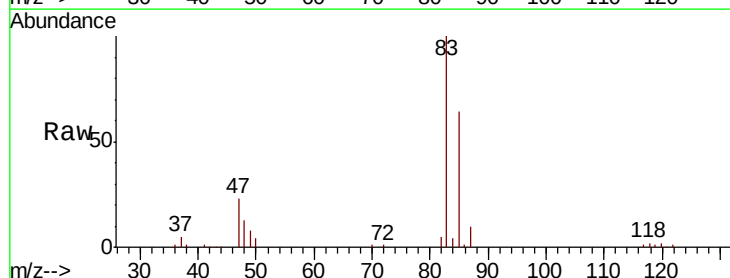
Instrument :
MSVOA_N
ClientSampled :

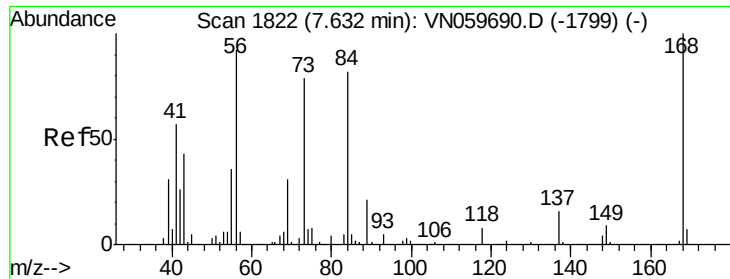
Tot Ion: 42 Resp: 164970
Ion Ratio Lower Upper
42 100
72 51.2 33.1 49.7#
71 48.4 31.4 47.0#



#30
Chloroform
Concen: 52.024 ug/l
RT: 7.35 min Scan# 1733
Delta R.T. 0.00 min
Lab File: VN059801.D
Acq: 21 Jan 2020 9:19

Tgt Ion: 83 Resp: 173841
Ion Ratio Lower Upper
83 100
85 64.5 52.4 78.6

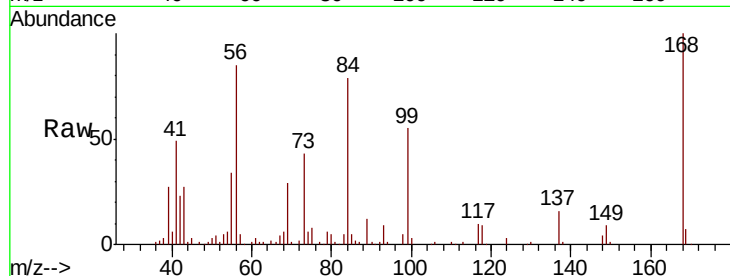




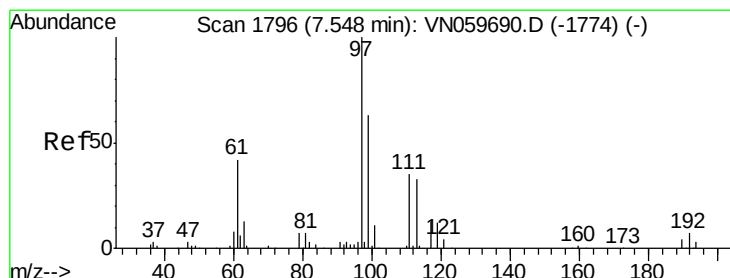
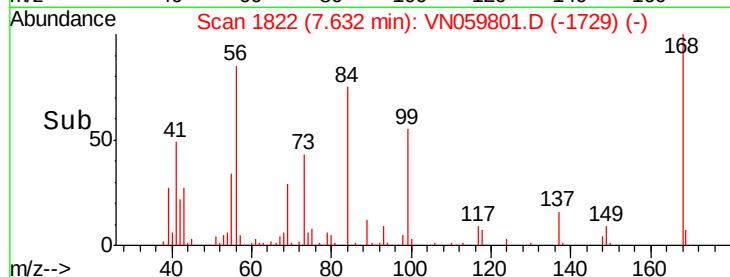
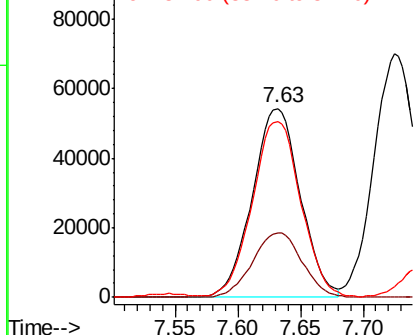
#31
Cyclohexane
Concen: 46.600 ug/l
RT: 7.63 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VN059801.D
Acq: 21 Jan 2020 9:19

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 56 Resp: 144611
Ion Ratio Lower Upper
56 100
69 34.4 26.5 39.7
84 91.9 65.3 97.9

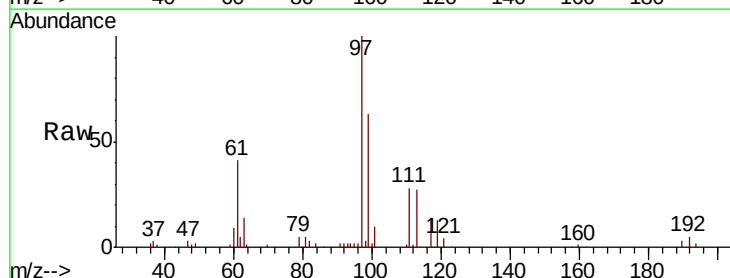


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

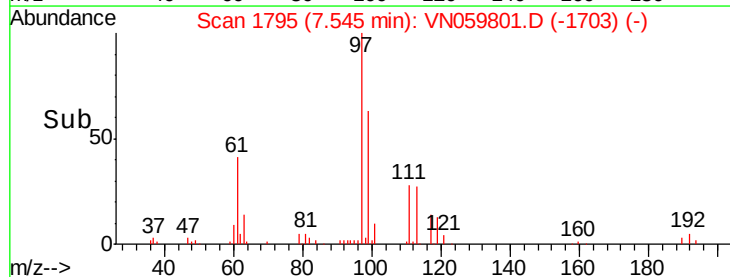
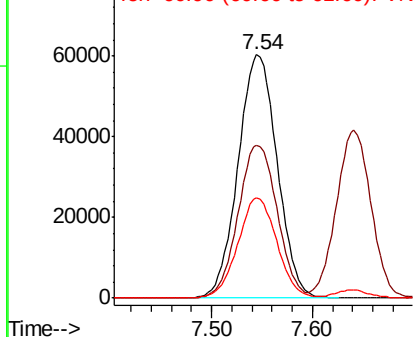


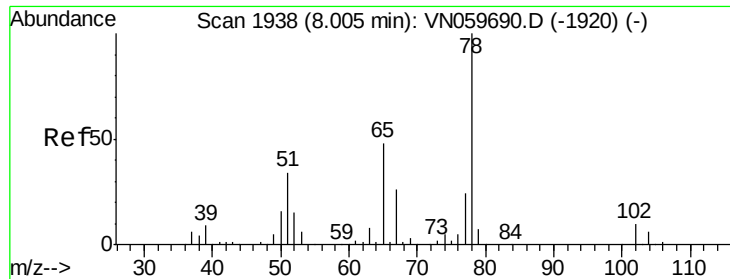
#32
1,1,1-Trichloroethane
Concen: 52.622 ug/l
RT: 7.54 min Scan# 1795
Delta R.T. -0.00 min
Lab File: VN059801.D
Acq: 21 Jan 2020 9:19

Tgt Ion: 97 Resp: 162582
Ion Ratio Lower Upper
97 100
99 63.0 51.0 76.4
61 41.0 38.5 57.7



Abundance Ion 96.90 (96.60 to 97.60): VN0
Ion 98.90 (98.60 to 99.60): VN0
Ion 60.90 (60.60 to 61.60): VN0

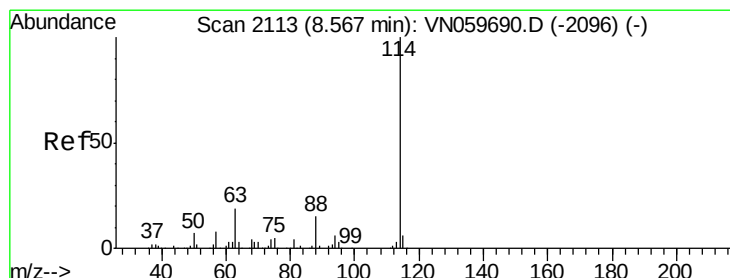
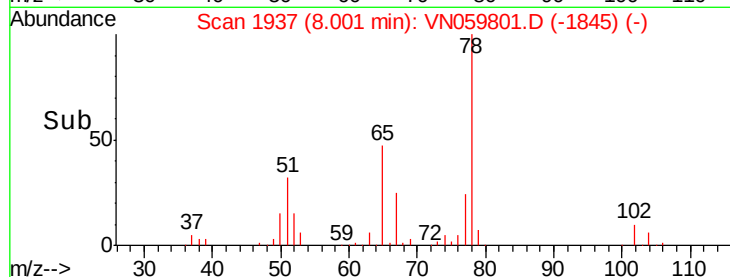
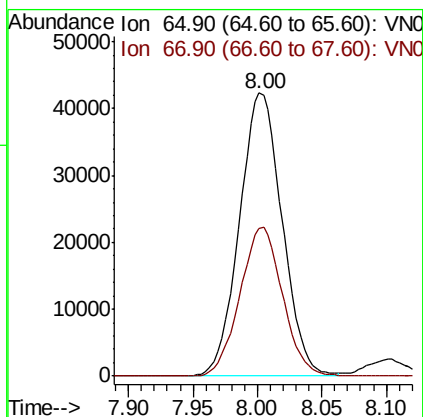
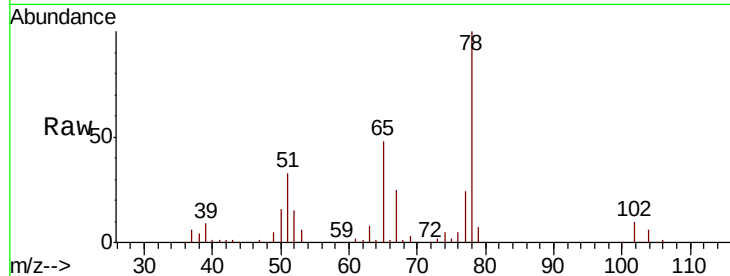




#33
 1,2-Dichloroethane-d4
 Concen: 46.553 ug/l
 RT: 8.00 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VN059801.D
 Acq: 21 Jan 2020 9:19

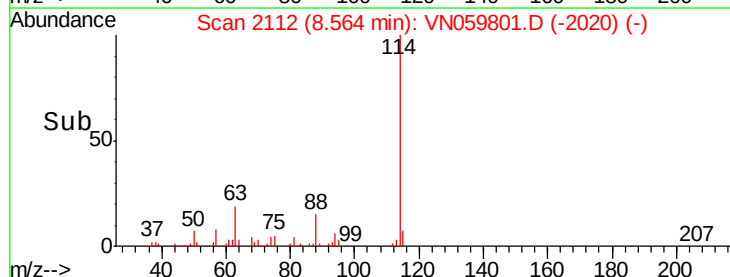
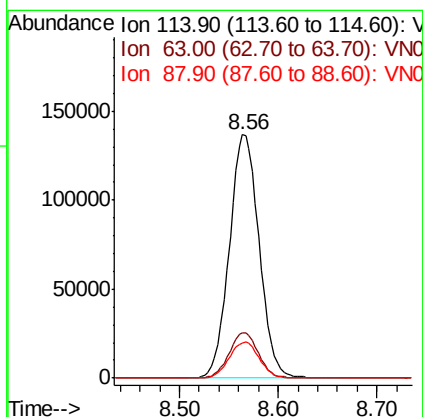
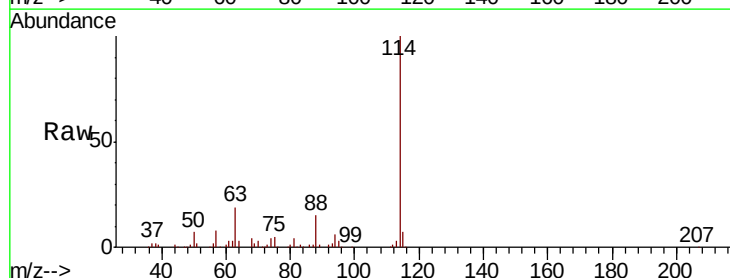
Instrument :
 MSVOA_N
 ClientSampled :

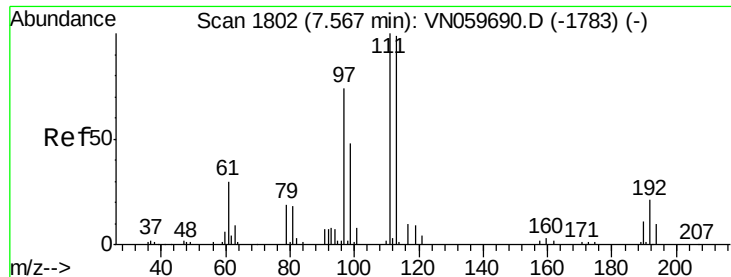
Tot Ion: 65 Resp: 97641
 Ion Ratio Lower Upper
 65 100
 67 52.5 0.0 103.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.56 min Scan# 2112
 Delta R.T. -0.00 min
 Lab File: VN059801.D
 Acq: 21 Jan 2020 9:19

Tgt Ion: 114 Resp: 286963
 Ion Ratio Lower Upper
 114 100
 63 18.5 0.0 43.6
 88 14.6 0.0 31.4

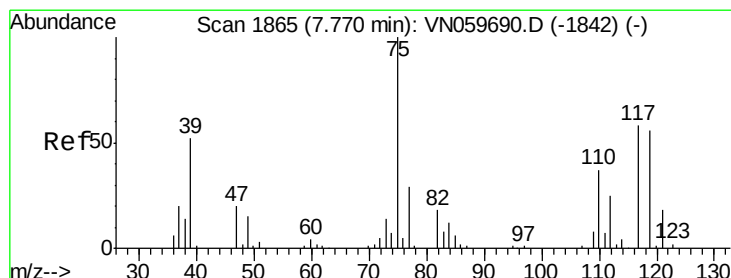
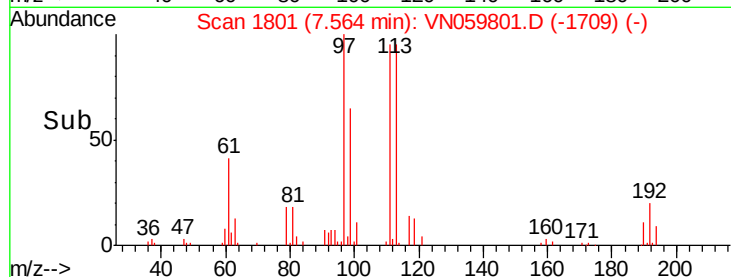
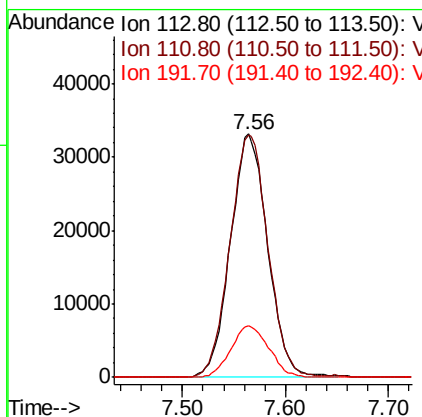
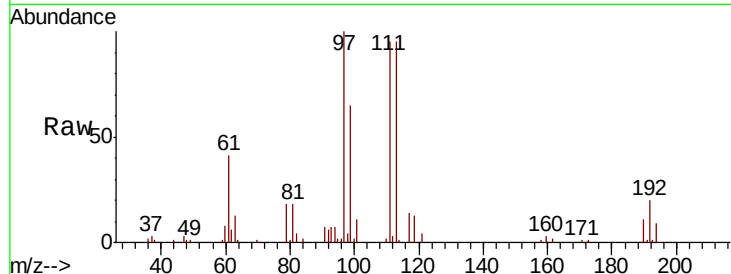




#35
 Dibromofluoromethane
 Concen: 48.648 ug/l
 RT: 7.56 min Scan# 1801
 Delta R.T. -0.00 min
 Lab File: VN059801.D
 Acq: 21 Jan 2020 9:19

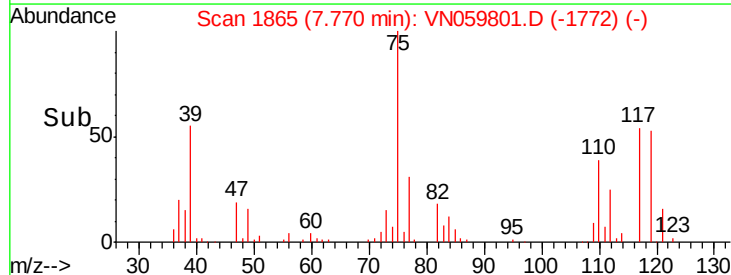
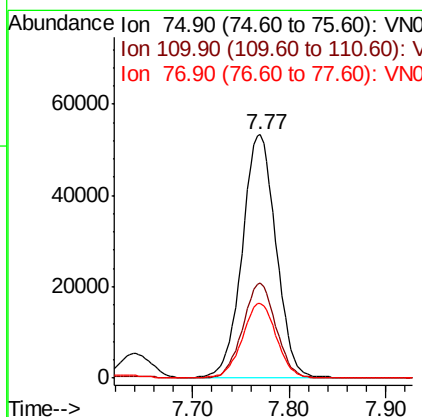
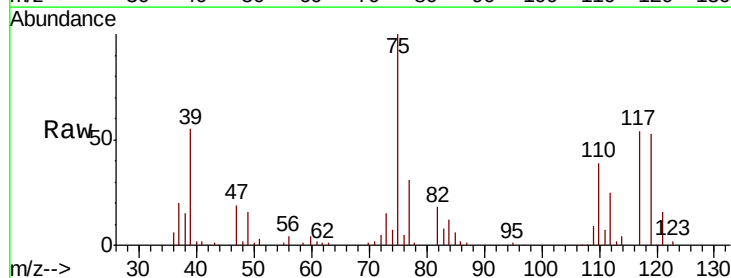
Instrument :
 MSVOA_N
 ClientSampled :

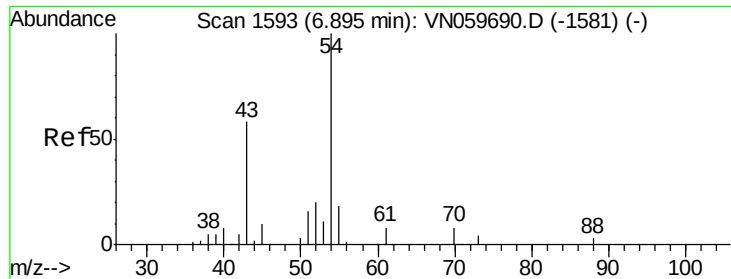
Tot Ion:113 Resp: 83251
 Ion Ratio Lower Upper
 113 100
 111 101.4 83.5 125.3
 192 21.4 15.4 23.2



#36
 1,1-Dichloropropene
 Concen: 51.867 ug/l
 RT: 7.77 min Scan# 1865
 Delta R.T. 0.00 min
 Lab File: VN059801.D
 Acq: 21 Jan 2020 9:19

Tgt Ion: 75 Resp: 129615
 Ion Ratio Lower Upper
 75 100
 110 38.2 16.6 49.7
 77 30.9 25.1 37.7

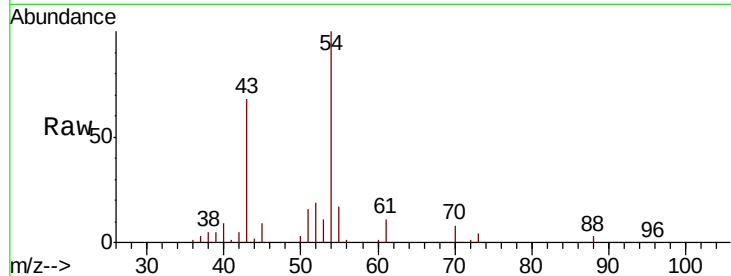




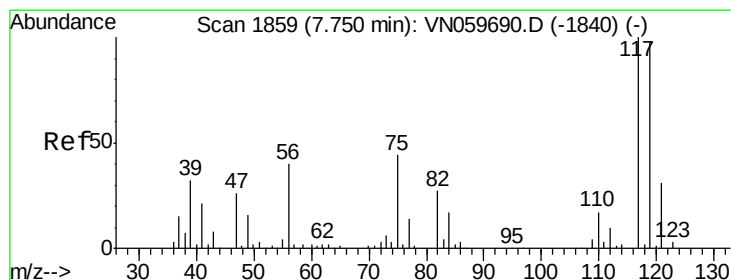
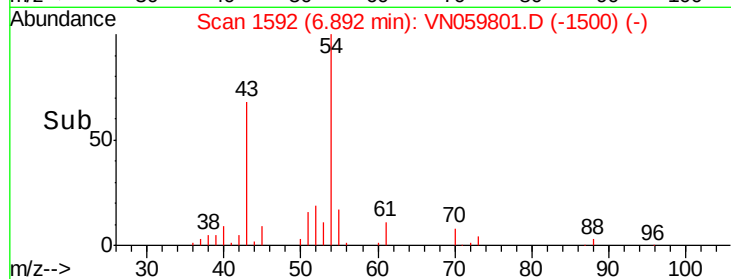
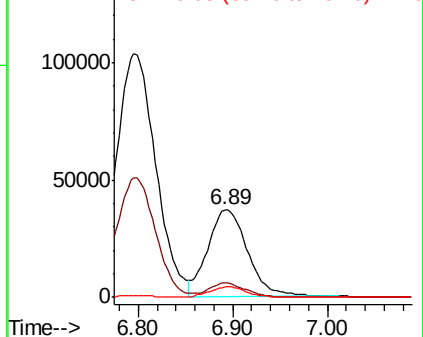
#37
Ethyl Acetate
Concen: 46.243 ug/l
RT: 6.89 min Scan# 1592
Delta R.T. -0.00 min
Lab File: VN059801.D
Acq: 21 Jan 2020 9:19

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 43 Resp: 108385
Ion Ratio Lower Upper
43 100
61 15.4 10.9 16.3
70 11.4 7.7 11.5

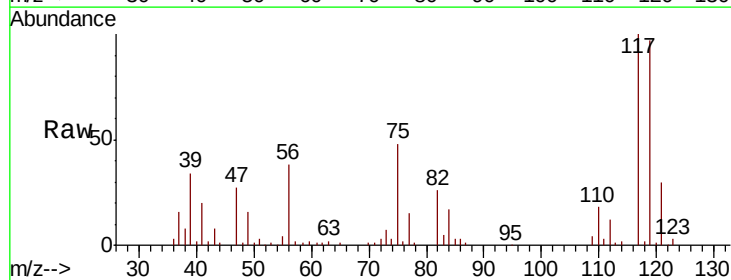


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 70.00 (69.70 to 70.70): VN0

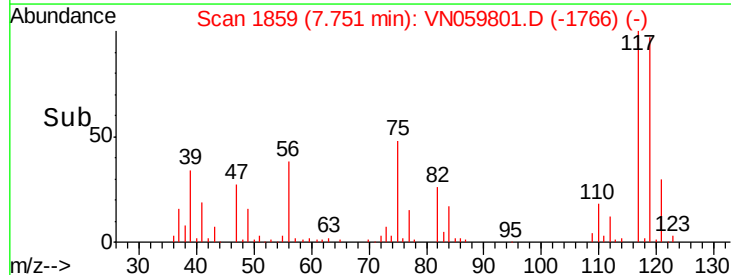
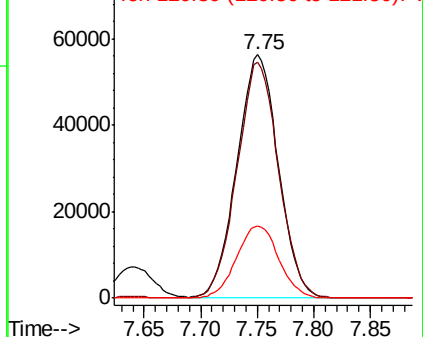


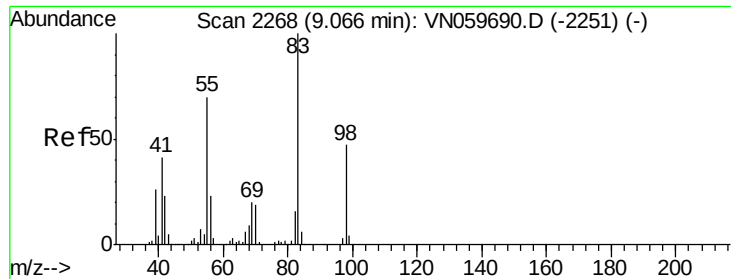
#38
Carbon Tetrachloride
Concen: 52.927 ug/l
RT: 7.75 min Scan# 1859
Delta R.T. 0.00 min
Lab File: VN059801.D
Acq: 21 Jan 2020 9:19

Tgt Ion: 117 Resp: 143876
Ion Ratio Lower Upper
117 100
119 96.8 76.5 114.7
121 29.6 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

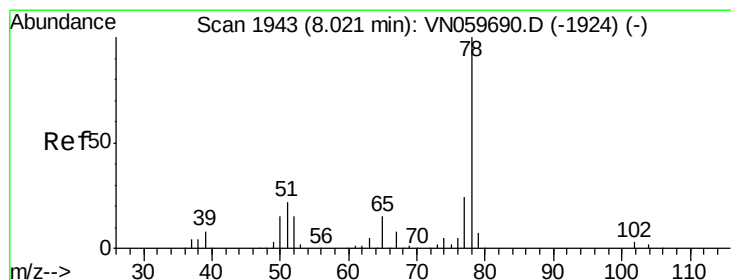
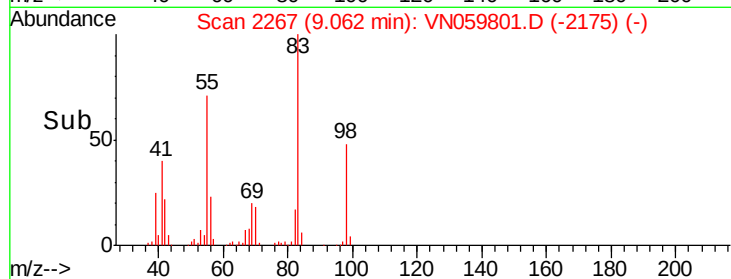
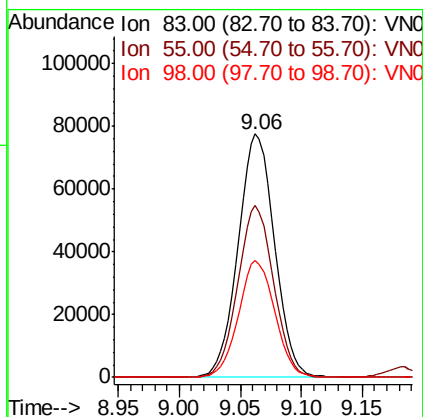
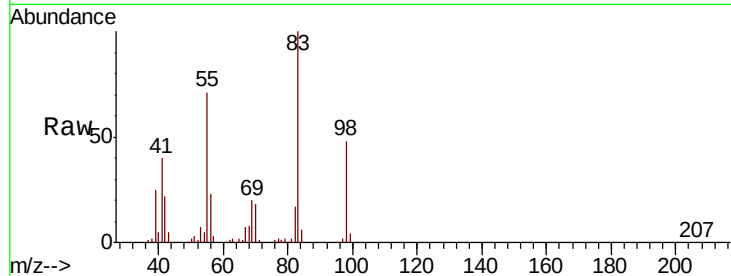




#39
Methylvlcyclohexane
Concen: 52.011 ug/l
RT: 9.06 min Scan# 2267
Delta R.T. -0.00 min
Lab File: VN059801.D
Acq: 21 Jan 2020 9:19

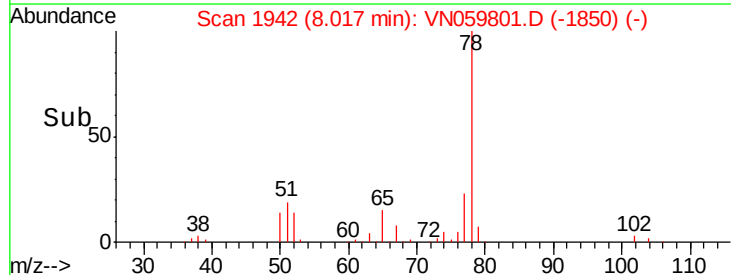
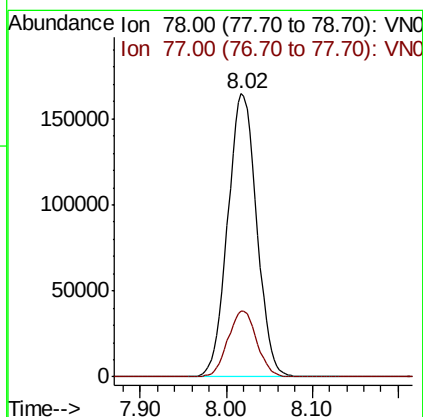
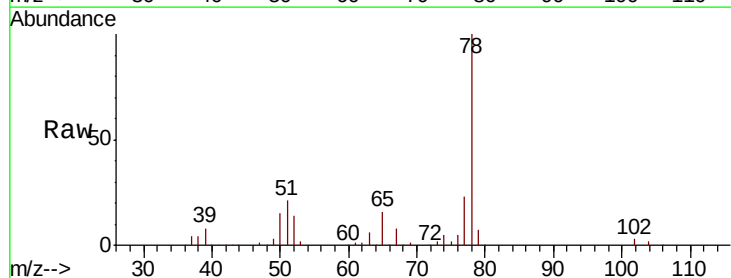
Instrument :
MSVOA_N
ClientSampled :

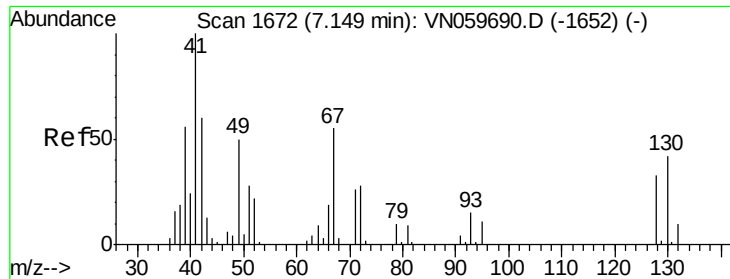
Tot Ion: 83 Resp: 160262
Ion Ratio Lower Upper
83 100
55 70.5 64.2 96.2
98 47.8 35.9 53.9



#40
Benzene
Concen: 51.726 ug/l
RT: 8.02 min Scan# 1942
Delta R.T. -0.00 min
Lab File: VN059801.D
Acq: 21 Jan 2020 9:19

Tgt Ion: 78 Resp: 385505
Ion Ratio Lower Upper
78 100
77 23.3 18.9 28.3

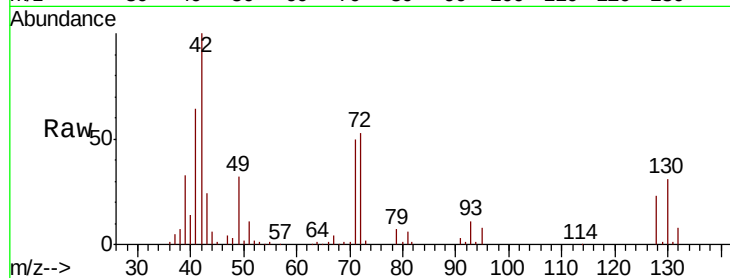




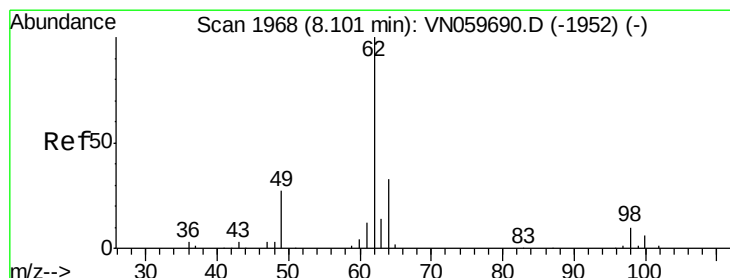
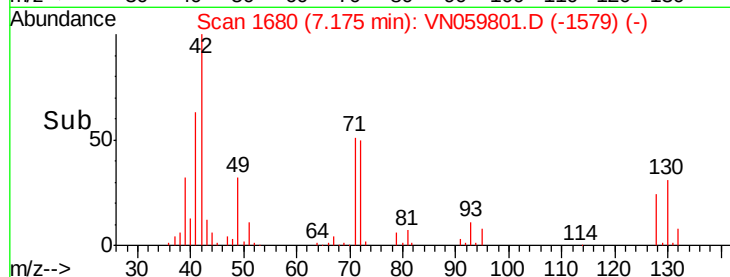
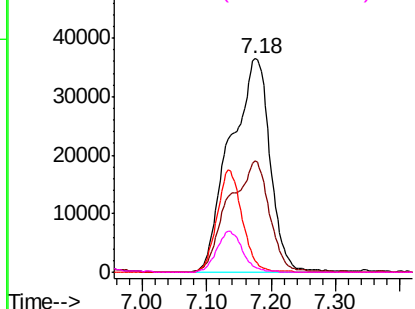
#41
Methacrylonitrile
Concen: 136.099 ug/l
RT: 7.18 min Scan# 1680
Delta R.T. 0.03 min
Lab File: VN059801.D
Acq: 21 Jan 2020 9:19

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 41 Resp: 157122
Ion Ratio Lower Upper
41 100
39 53.3 0.0 0.0#
67 0.0 0.0 0.0
52 0.0 0.0 0.0

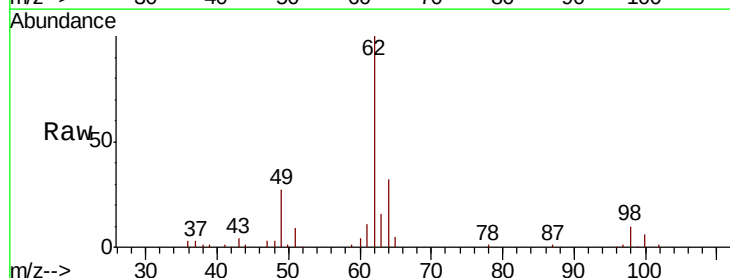


Abundance Ion 41.00 (40.70 to 41.70): VNC
Ion 39.00 (38.70 to 39.70): VNC
Ion 67.00 (66.70 to 67.70): VNC
Ion 52.00 (51.70 to 52.70): VNC

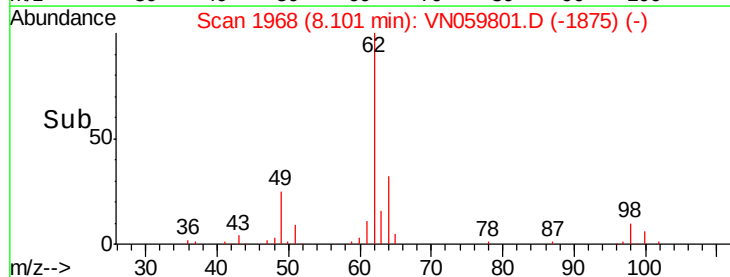
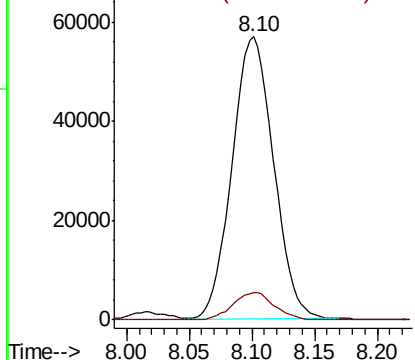


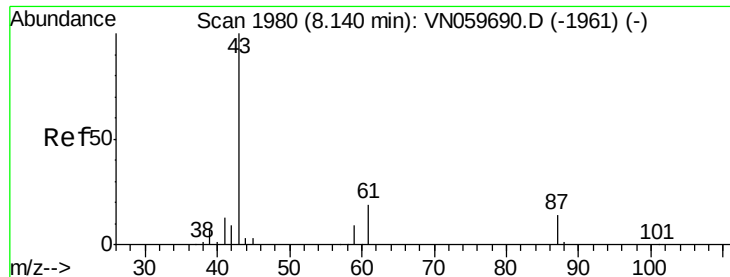
#42
1,2-Dichloroethane
Concen: 51.956 ug/l
RT: 8.10 min Scan# 1968
Delta R.T. 0.00 min
Lab File: VN059801.D
Acq: 21 Jan 2020 9:19

Tgt Ion: 62 Resp: 131288
Ion Ratio Lower Upper
62 100
98 9.6 0.0 15.8



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





#43

Isopropyl Acetate

Concen: 47.857 ug/l

RT: 8.14 min Scan# 1980

Delta R.T. 0.00 min

Lab File: VN059801.D

Acq: 21 Jan 2020 9:19

Instrument :

MSVOA_N

ClientSampled :

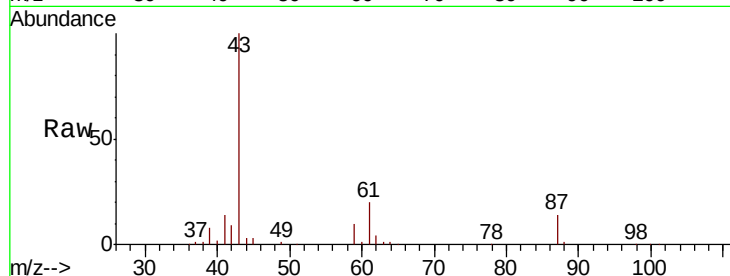
Tot Ion: 43 Resp: 192933

Ion Ratio Lower Upper

43 100

61 27.6 20.2 30.2

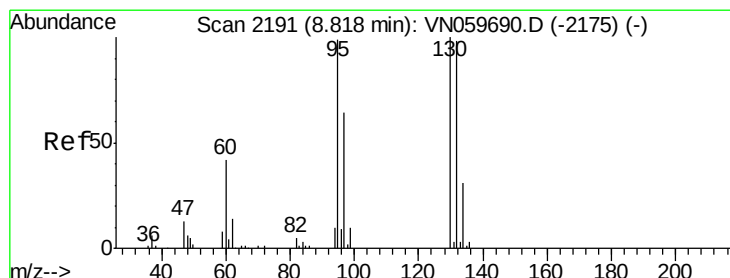
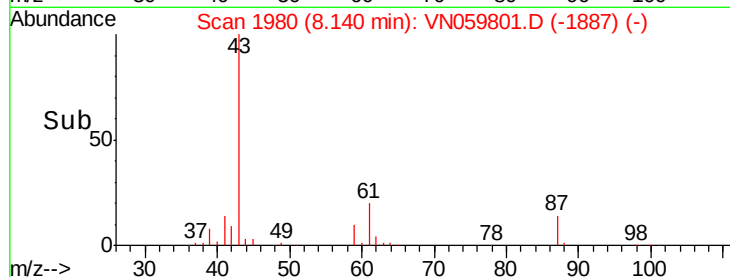
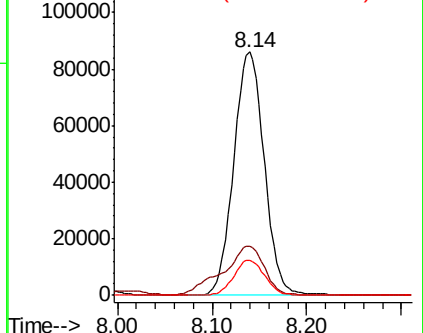
87 14.6 9.5 14.3#



Abundance Ion 43.00 (42.70 to 43.70): VN059801.D (-1887) (-)

Ion 61.00 (60.70 to 61.70): VN059801.D (-1887) (-)

Ion 87.00 (86.70 to 87.70): VN059801.D (-1887) (-)



#44

Trichloroethene

Concen: 55.797 ug/l

RT: 8.82 min Scan# 2191

Delta R.T. 0.00 min

Lab File: VN059801.D

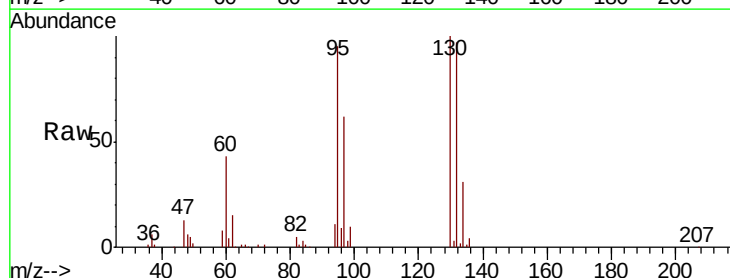
Acq: 21 Jan 2020 9:19

Tgt Ion:130 Resp: 113522

Ion Ratio Lower Upper

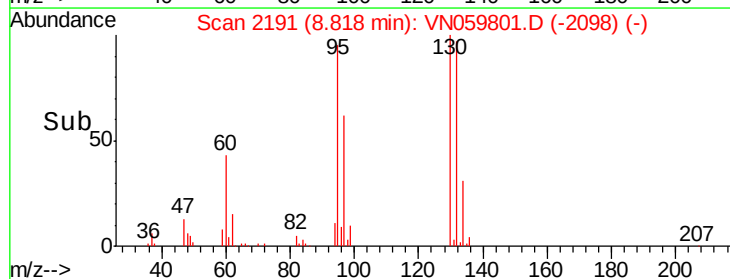
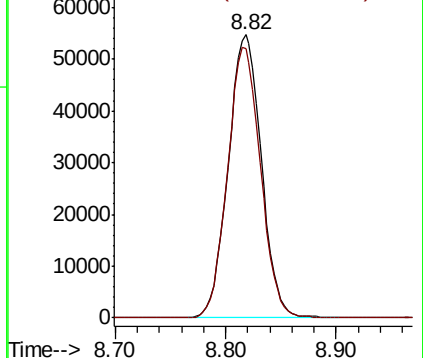
130 100

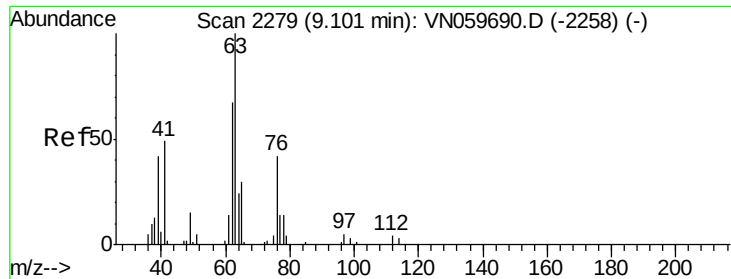
95 95.3 0.0 207.0



Abundance Ion 129.80 (129.50 to 130.50): VN059801.D (-2098) (-)

Ion 94.90 (94.60 to 95.60): VN059801.D (-2098) (-)





#45

1,2-Dichloropropane

Concen: 52.777 ug/l

RT: 9.10 min Scan# 2279

Delta R.T. 0.00 min

Lab File: VN059801.D

Acq: 21 Jan 2020 9:19

Instrument :

MSVOA_N

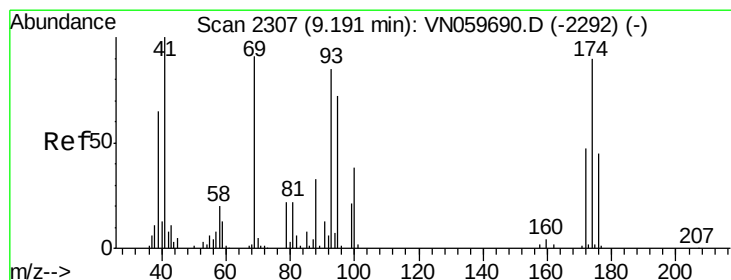
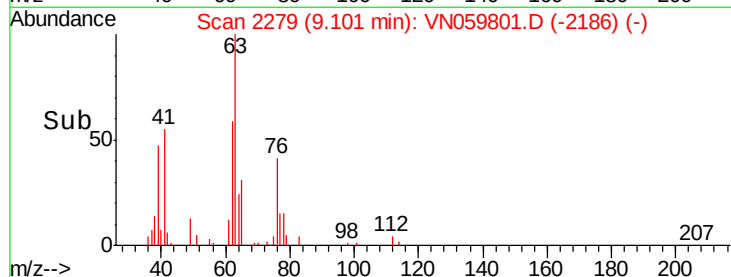
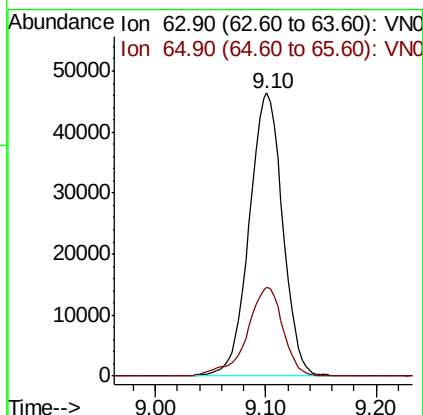
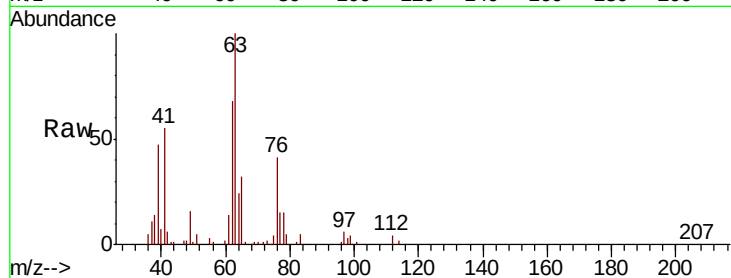
ClientSampled :

Tot Ion: 63 Resp: 97333

Ion Ratio Lower Upper

63 100

65 31.5 24.9 37.3



#46

Dibromomethane

Concen: 53.835 ug/l

RT: 9.19 min Scan# 2307

Delta R.T. 0.00 min

Lab File: VN059801.D

Acq: 21 Jan 2020 9:19

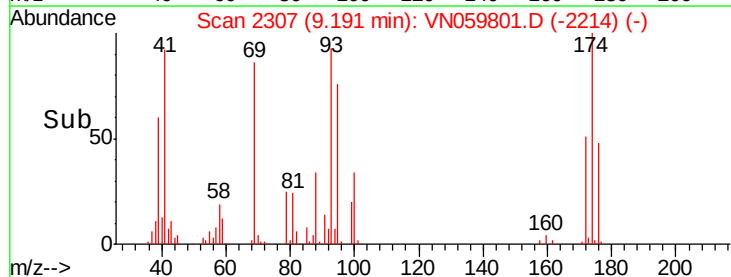
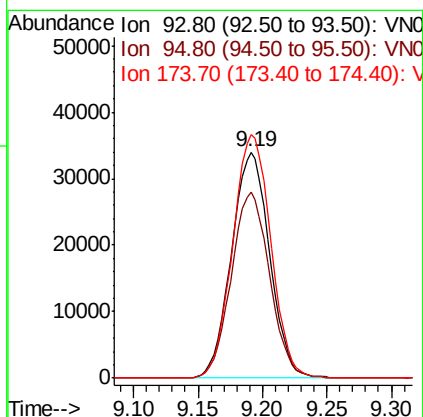
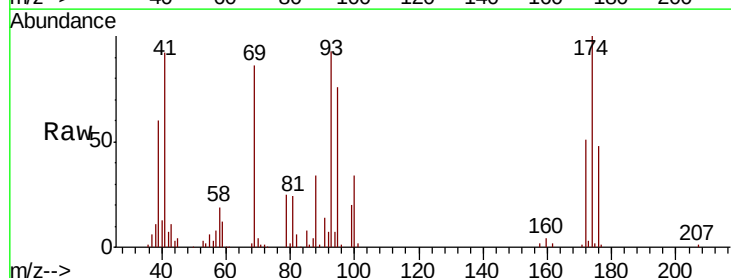
Tgt Ion: 93 Resp: 70035

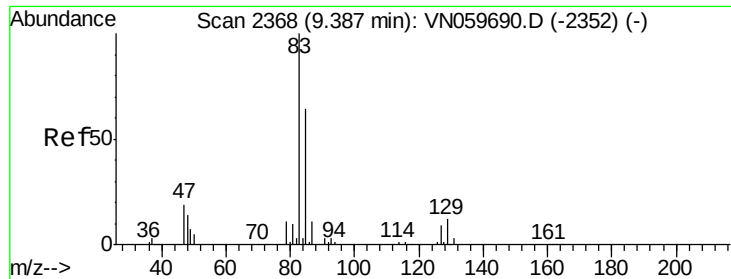
Ion Ratio Lower Upper

93 100

95 82.6 67.0 100.6

174 107.6 73.4 110.2





#47

Bromodichloromethane

Concen: 54.010 ug/l

RT: 9.38 min Scan# 2367

Delta R.T. -0.00 min

Lab File: VN059801.D

Acq: 21 Jan 2020 9:19

Instrument :

MSVOA_N

ClientSampleId :

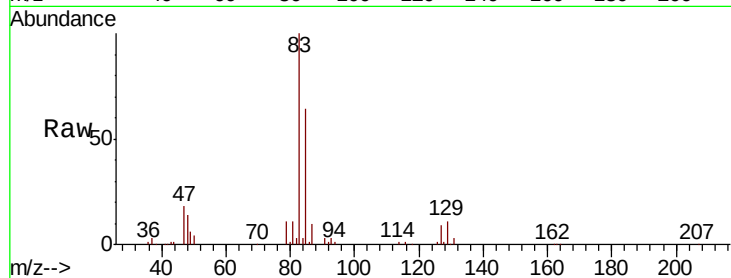
Tot Ion: 83 Resp: 141590

Ion Ratio Lower Upper

83 100

85 64.3 51.1 76.7

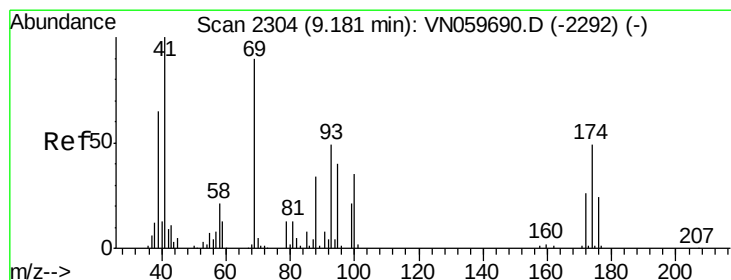
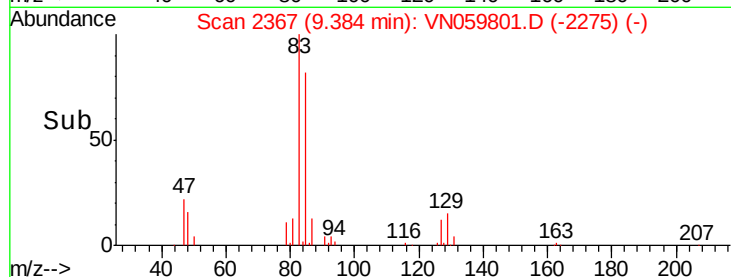
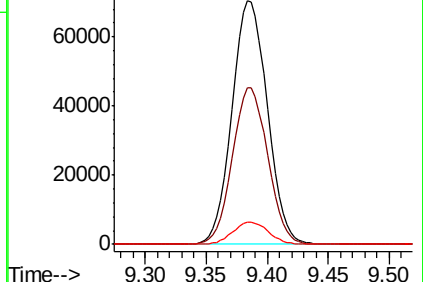
127 9.2 6.6 9.8



Abundance Ion 82.90 (82.60 to 83.60): VN059801.D (-2275) (-)

Ion 84.90 (84.60 to 85.60): VN059801.D (-2275) (-)

Ion 126.80 (126.50 to 127.50): VN059801.D (-2275) (-)



#48

Methyl methacrylate

Concen: 47.266 ug/l

RT: 9.18 min Scan# 2304

Delta R.T. 0.00 min

Lab File: VN059801.D

Acq: 21 Jan 2020 9:19

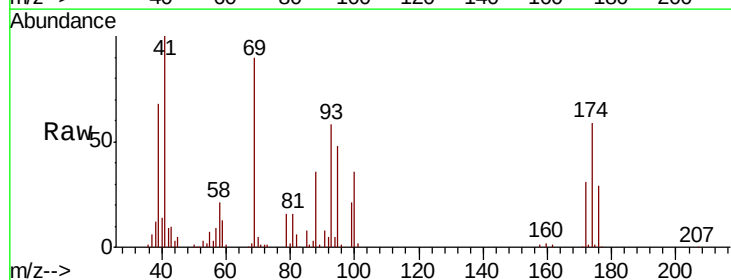
Tgt Ion: 41 Resp: 85233

Ion Ratio Lower Upper

41 100

69 95.3 64.4 96.6

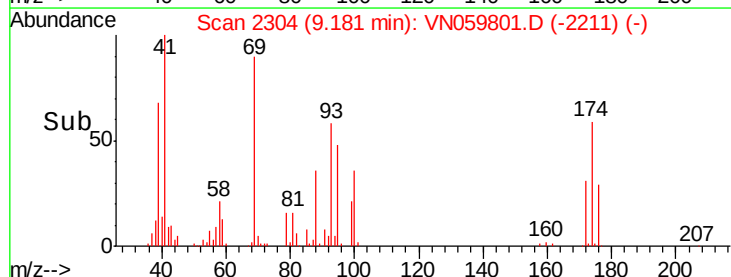
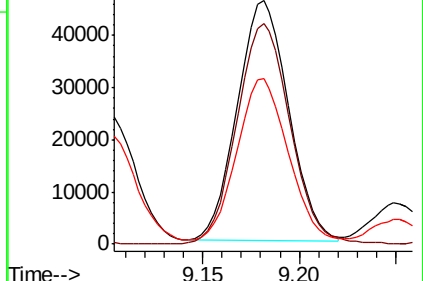
39 70.2 51.3 76.9

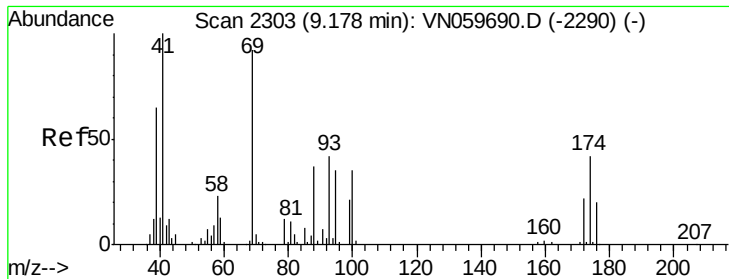


Abundance Ion 41.00 (40.70 to 41.70): VN059801.D (-2211) (-)

Ion 69.00 (68.70 to 69.70): VN059801.D (-2211) (-)

Ion 39.00 (38.70 to 39.70): VN059801.D (-2211) (-)

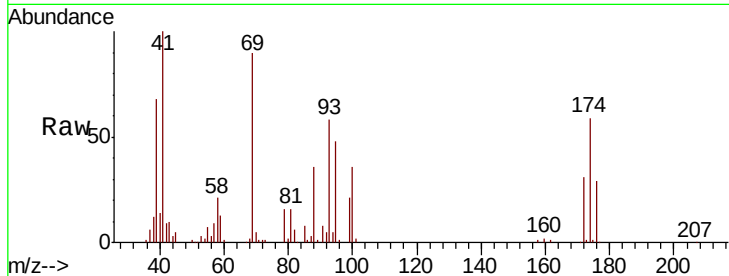




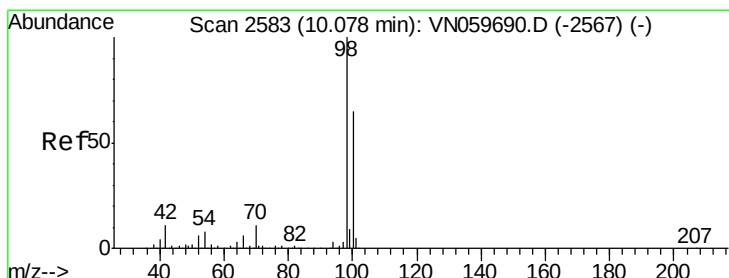
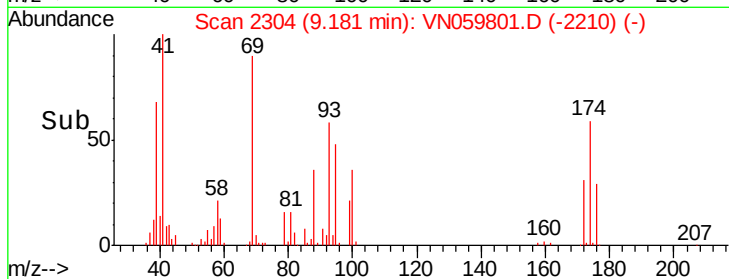
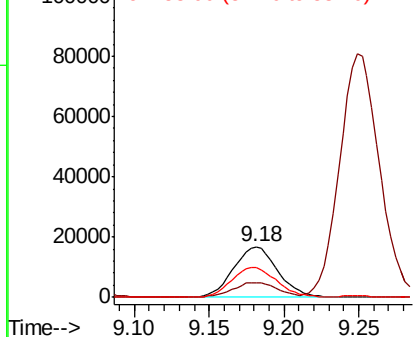
#49
1,4-Dioxane
Concen: 1045.428 ug/l
RT: 9.18 min Scan# 2304
Delta R.T. 0.00 min
Lab File: VN059801.D
Acq: 21 Jan 2020 9:19

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 88 Resp: 34511
Ion Ratio Lower Upper
88 100
43 29.7 29.7 44.5#
58 60.6 56.6 85.0

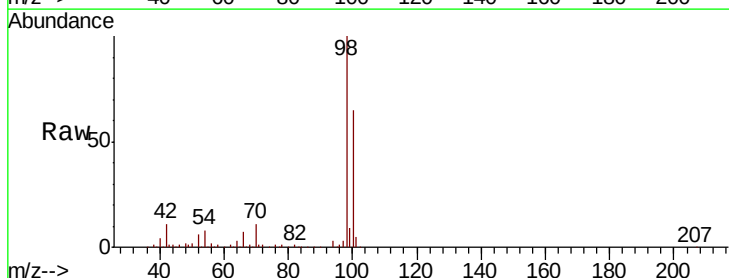


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

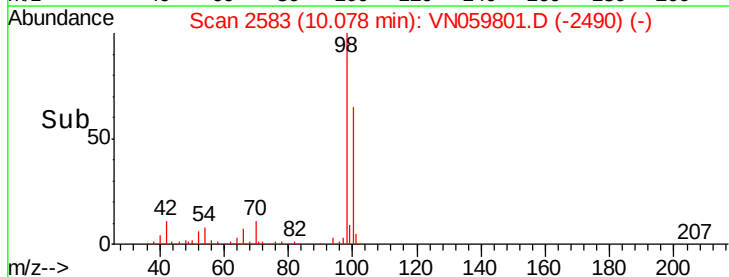
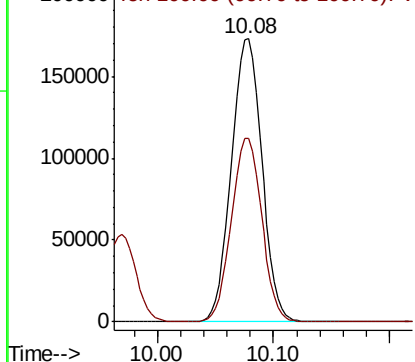


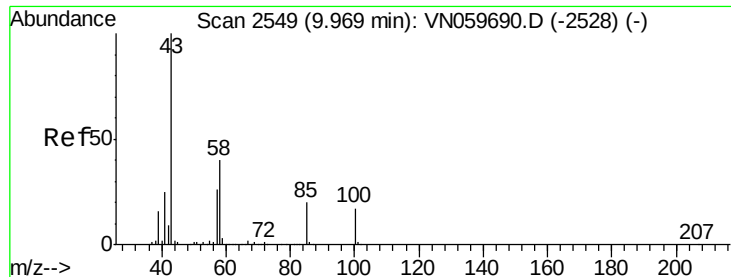
#50
Toluene-d8
Concen: 47.588 ug/l
RT: 10.08 min Scan# 2583
Delta R.T. 0.00 min
Lab File: VN059801.D
Acq: 21 Jan 2020 9:19

Tgt Ion: 98 Resp: 315529
Ion Ratio Lower Upper
98 100
100 64.3 51.2 76.8



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

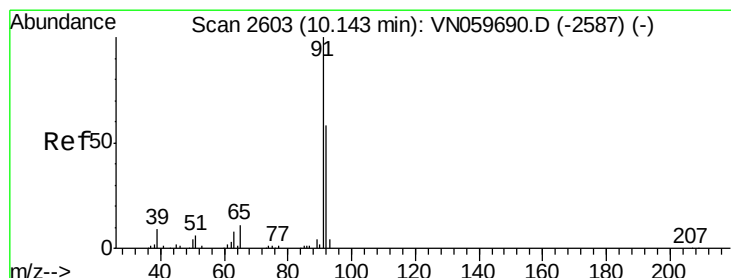
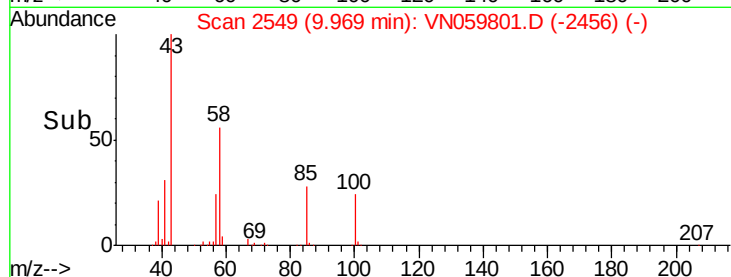
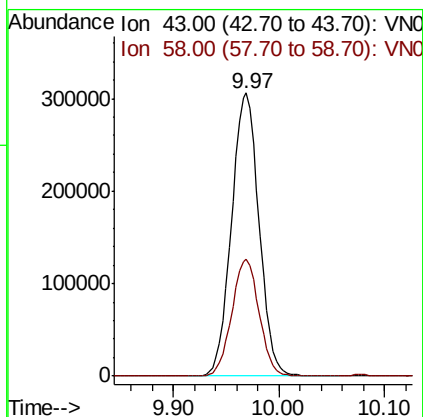
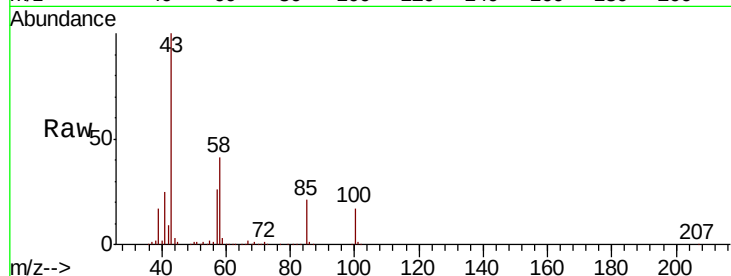




#51
4-Methyl-2-Pentanone
Concen: 236.815 ug/l
RT: 9.97 min Scan# 2549
Delta R.T. 0.00 min
Lab File: VN059801.D
Acq: 21 Jan 2020 9:19

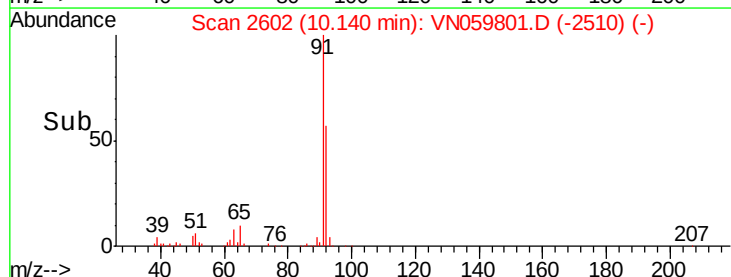
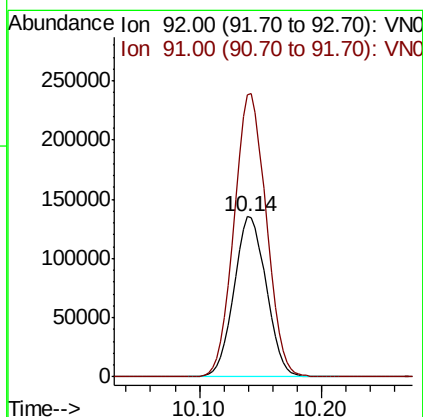
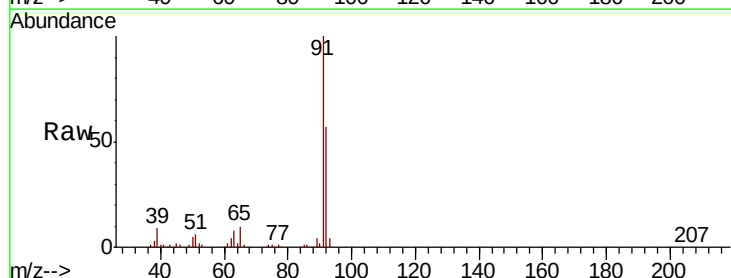
Instrument :
MSVOA_N
ClientSampleId :

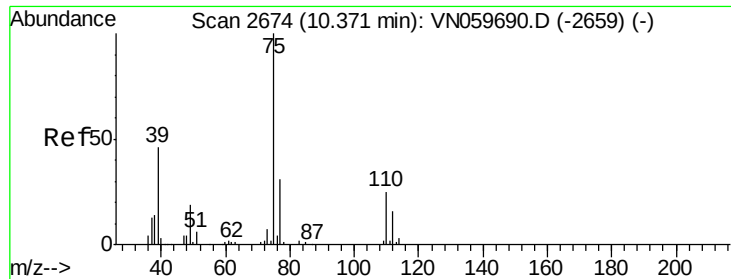
Tot Ion: 43 Resp: 551891
Ion Ratio Lower Upper
43 100
58 41.0 29.8 44.8



#52
Toluene
Concen: 52.830 ug/l
RT: 10.14 min Scan# 2602
Delta R.T. -0.00 min
Lab File: VN059801.D
Acq: 21 Jan 2020 9:19

Tgt Ion: 92 Resp: 248699
Ion Ratio Lower Upper
92 100
91 176.0 140.4 210.6

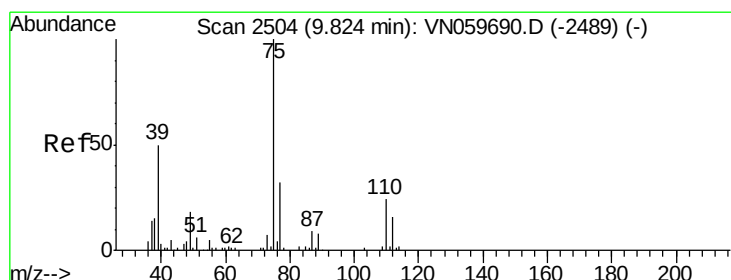
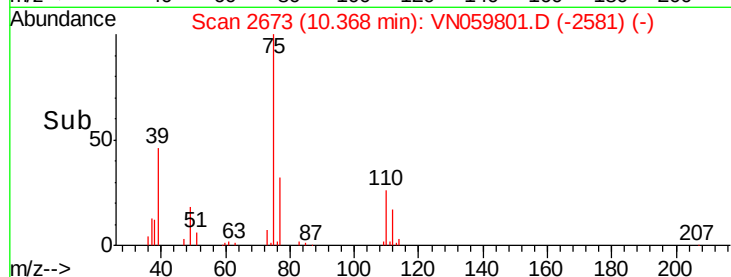
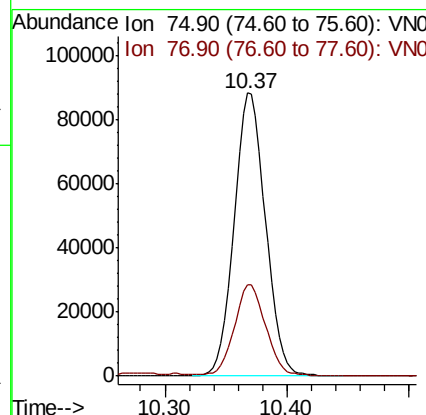
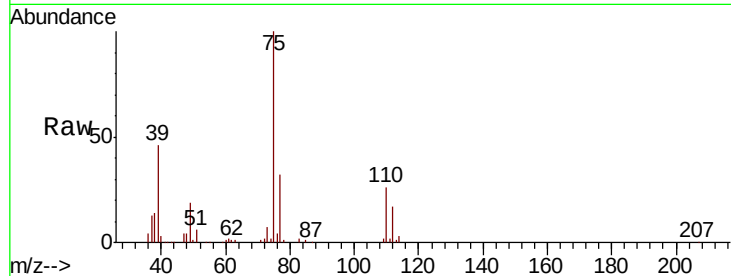




#53
t-1,3-Dichloropropene
Concen: 54.021 ug/l
RT: 10.37 min Scan# 2673
Delta R.T. -0.00 min
Lab File: VN059801.D
Acq: 21 Jan 2020 9:19

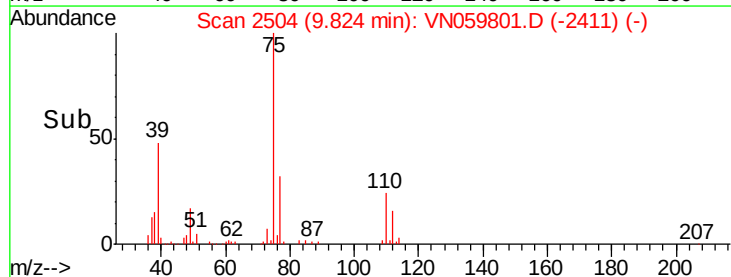
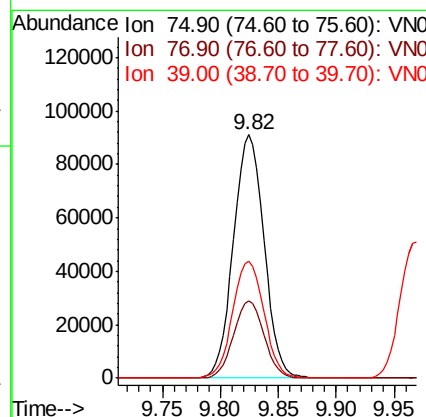
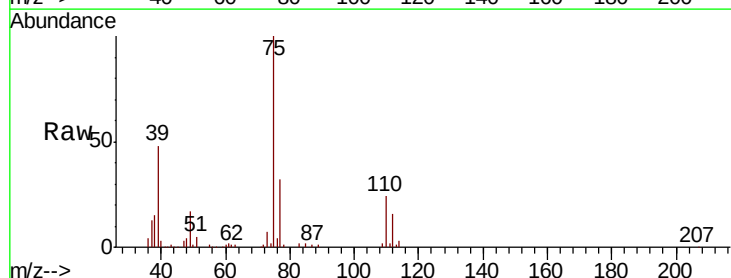
Instrument :
MSVOA_N
ClientSampled :

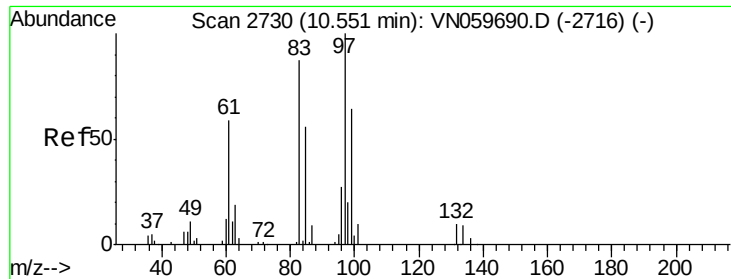
Tot Ion: 75 Resp: 158131
Ion Ratio Lower Upper
75 100
77 32.1 25.4 38.2



#54
cis-1,3-Dichloropropene
Concen: 54.245 ug/l
RT: 9.82 min Scan# 2504
Delta R.T. 0.00 min
Lab File: VN059801.D
Acq: 21 Jan 2020 9:19

Tgt Ion: 75 Resp: 167072
Ion Ratio Lower Upper
75 100
77 31.9 25.1 37.7
39 47.8 46.1 69.1

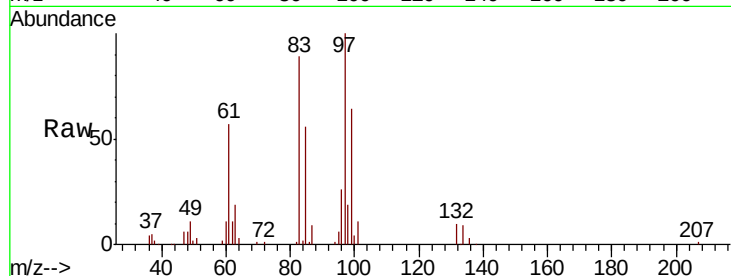




#55
 1,1,2-Trichloroethane
 Concen: 52.349 ug/l
 RT: 10.55 min Scan# 2730
 Delta R.T. 0.00 min
 Lab File: VN059801.D
 Acq: 21 Jan 2020 9:19

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion	97	Resp	97603
Ion	Ratio	Lower	Upper
97	100		
83	88.7	71.3	106.9
85	55.7	45.8	68.8
99	63.7	50.0	75.0



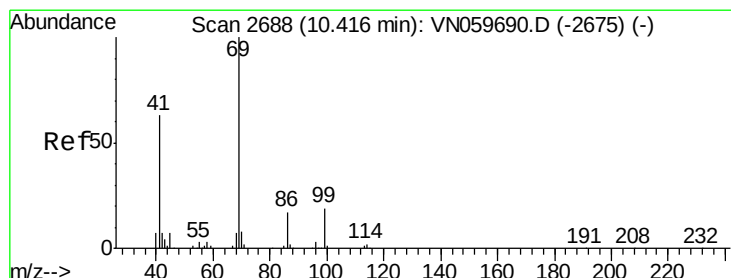
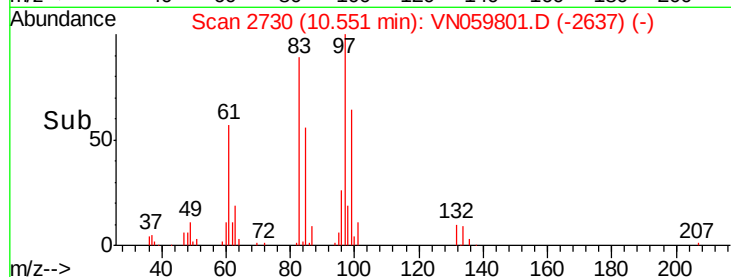
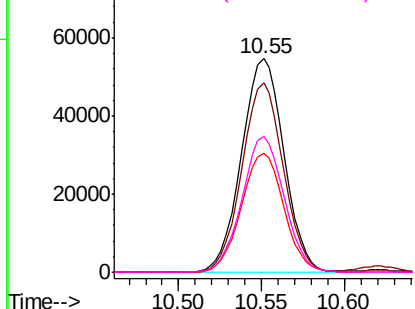
Abundance

Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

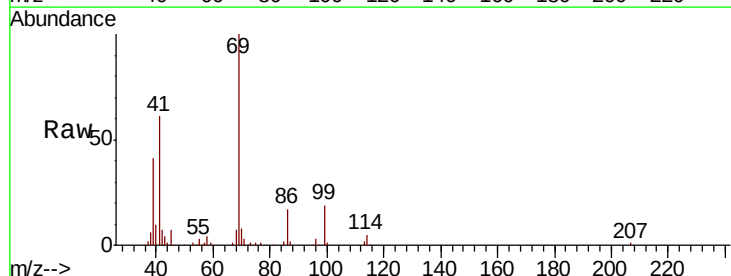
Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



#56
 Ethyl methacrylate
 Concen: 50.456 ug/l
 RT: 10.42 min Scan# 2688
 Delta R.T. 0.00 min
 Lab File: VN059801.D
 Acq: 21 Jan 2020 9:19

Tgt Ion	69	Resp	143744
Ion	Ratio	Lower	Upper
69	100		
41	60.7	57.1	85.7
39	40.5	34.7	52.1

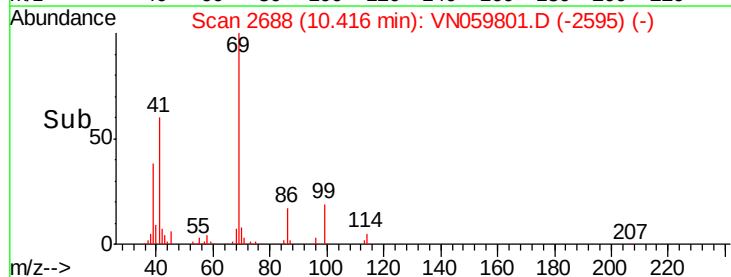
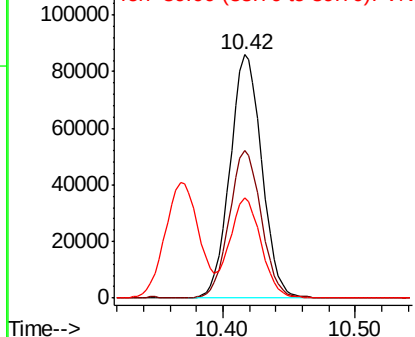


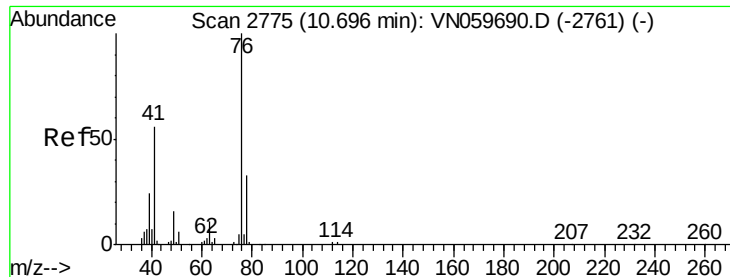
Abundance

Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#57

1,3-Dichloropropane

Concen: 53.657 ug/l

RT: 10.70 min Scan# 2775

Delta R.T. 0.00 min

Lab File: VN059801.D

Acq: 21 Jan 2020 9:19

Instrument :

MSVOA_N

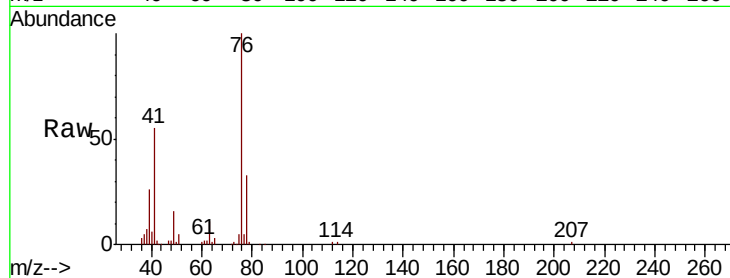
ClientSampled :

Tot Ion: 76 Resp: 158828

Ion Ratio Lower Upper

76 100

78 32.9 25.8 38.8



Abundance Ion 75.90 (75.60 to 76.60): VN059801.D (-2682) (-)

Ion 77.90 (77.60 to 78.60): VN059801.D (-2682) (-)

10.70

80000

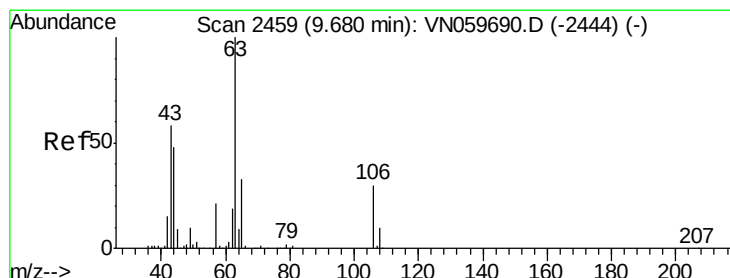
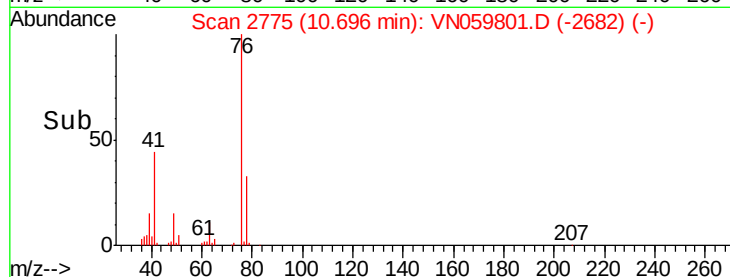
60000

40000

20000

0

Time--> 10.60 10.65 10.70 10.75



#58

2-Chloroethyl Vinyl ether

Concen: 377.656 ug/l

RT: 9.68 min Scan# 2459

Delta R.T. 0.00 min

Lab File: VN059801.D

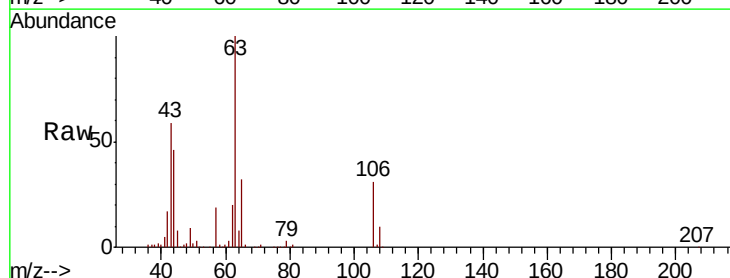
Acq: 21 Jan 2020 9:19

Tgt Ion: 63 Resp: 324068

Ion Ratio Lower Upper

63 100

106 30.1 20.2 30.2



Abundance Ion 62.90 (62.60 to 63.60): VN059801.D (-2366) (-)

Ion 105.90 (105.60 to 106.60): VN059801.D (-2366) (-)

9.68

200000

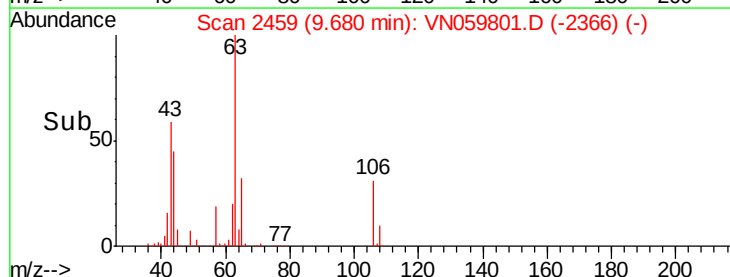
150000

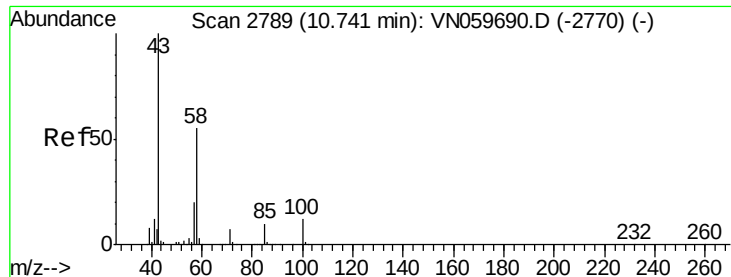
100000

50000

0

Time--> 9.60 9.70 9.80

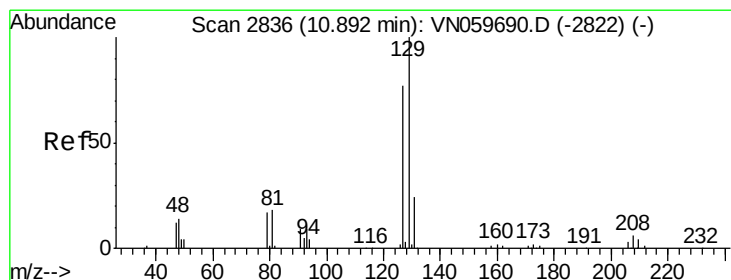
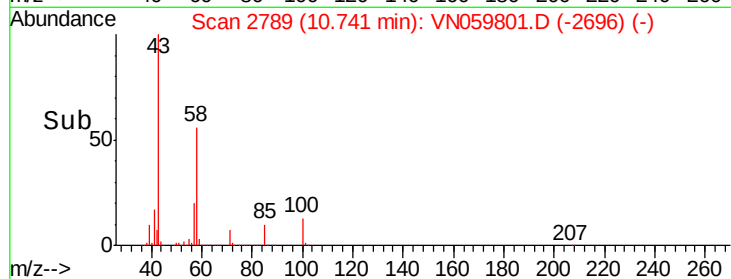
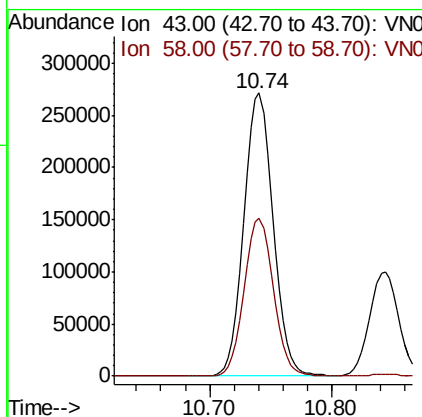
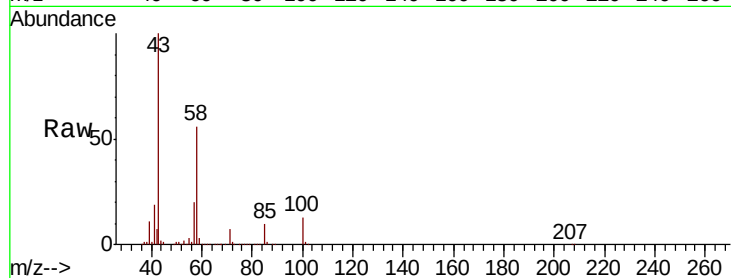




#59
2-Hexanone
Concen: 260.815 ug/l
RT: 10.74 min Scan# 2789
Delta R.T. 0.00 min
Lab File: VN059801.D
Acq: 21 Jan 2020 9:19

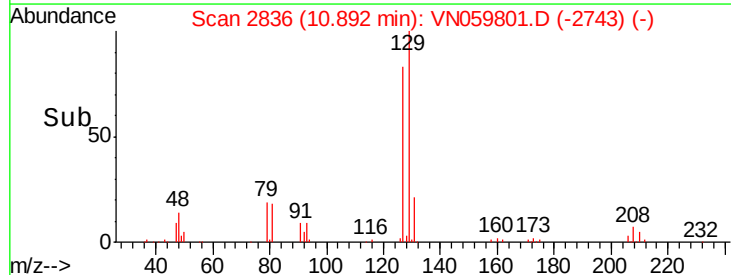
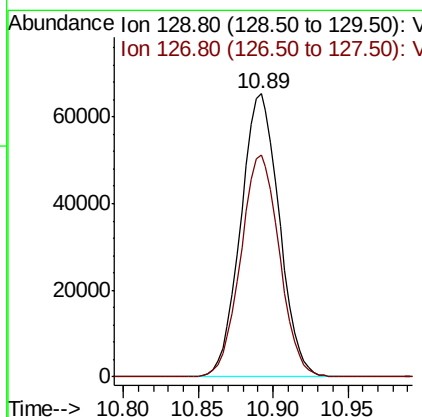
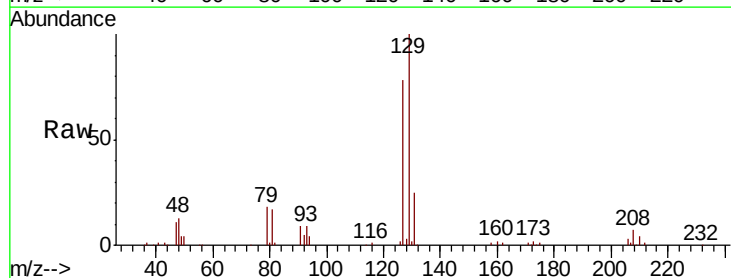
Instrument :
MSVOA_N
ClientSampled :

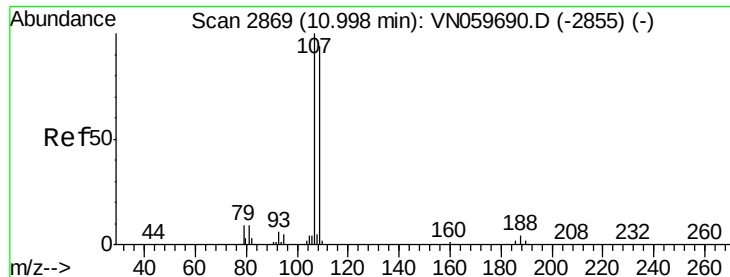
Tot Ion: 43 Resp: 447784
Ion Ratio Lower Upper
43 100
58 55.8 25.8 77.3



#60
Dibromochloromethane
Concen: 55.247 ug/l
RT: 10.89 min Scan# 2836
Delta R.T. 0.00 min
Lab File: VN059801.D
Acq: 21 Jan 2020 9:19

Tgt Ion: 129 Resp: 117299
Ion Ratio Lower Upper
129 100
127 78.6 38.5 115.5

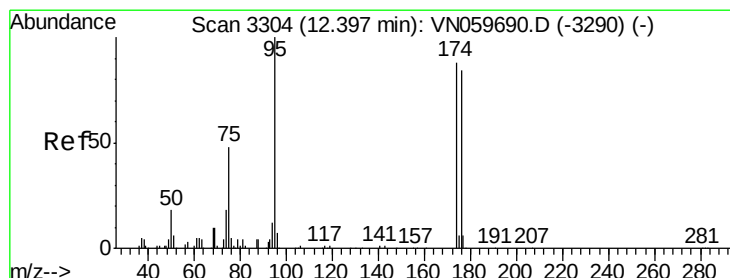
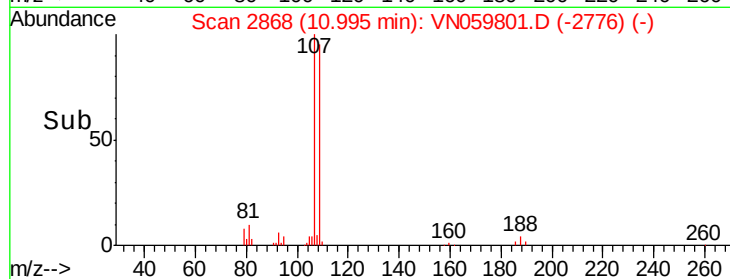
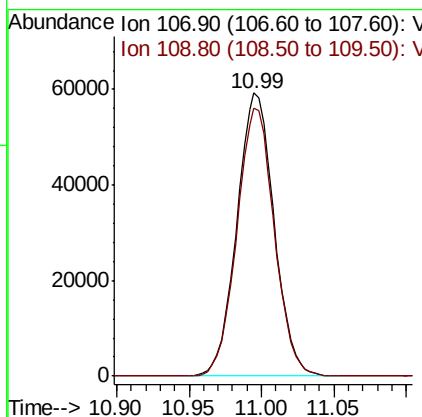
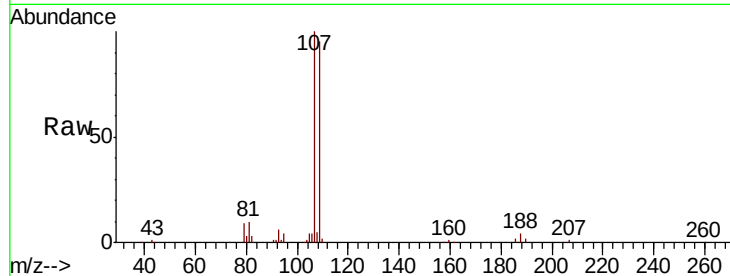




#61
 1,2-Dibromoethane
 Concen: 54.006 ug/l
 RT: 10.99 min Scan# 2868
 Delta R.T. -0.00 min
 Lab File: VN059801.D
 Acq: 21 Jan 2020 9:19

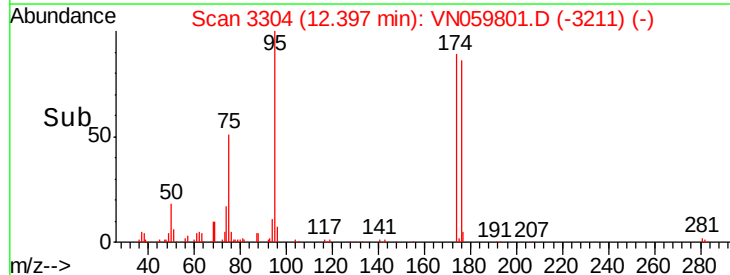
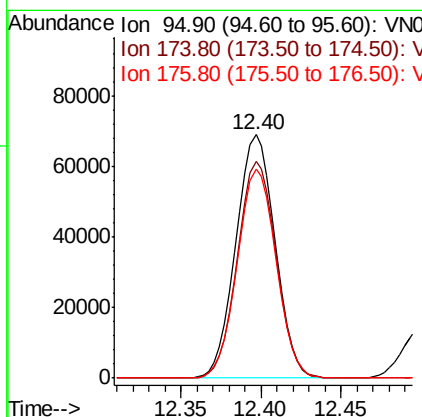
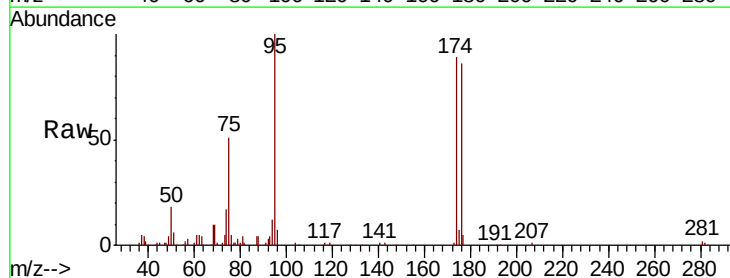
Instrument :
 MSVOA_N
 ClientSampleId :

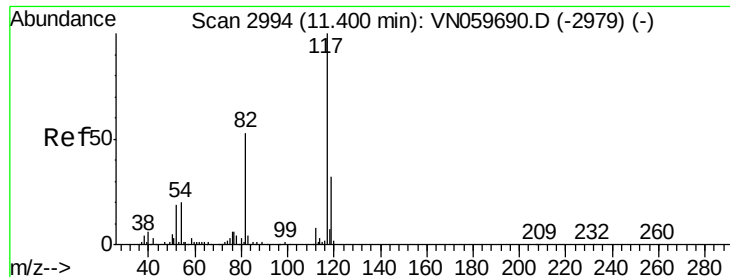
Tot Ion:107 Resp: 105537
 Ion Ratio Lower Upper
 107 100
 109 95.0 76.6 115.0



#62
 4-Bromofluorobenzene
 Concen: 48.015 ug/l
 RT: 12.40 min Scan# 3304
 Delta R.T. 0.00 min
 Lab File: VN059801.D
 Acq: 21 Jan 2020 9:19

Tgt Ion: 95 Resp: 114768
 Ion Ratio Lower Upper
 95 100
 174 88.2 0.0 151.4
 176 85.4 0.0 146.0

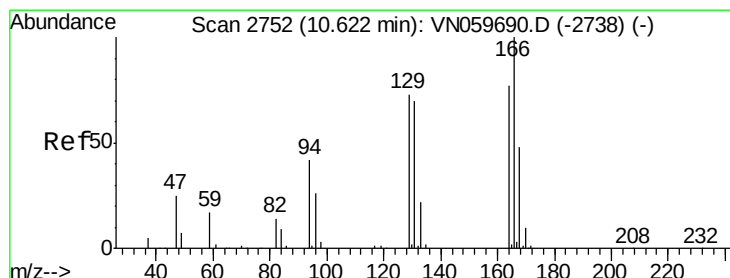
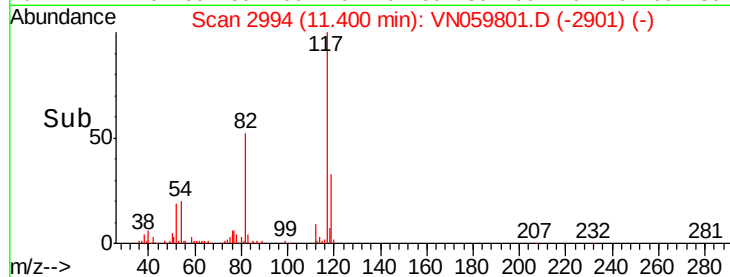
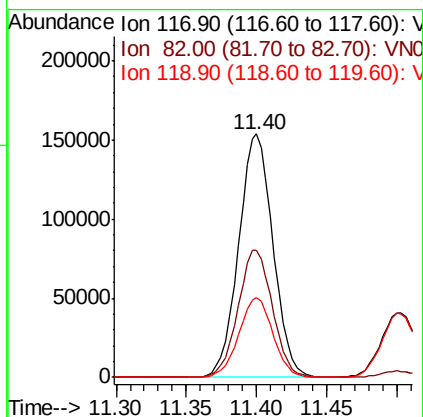
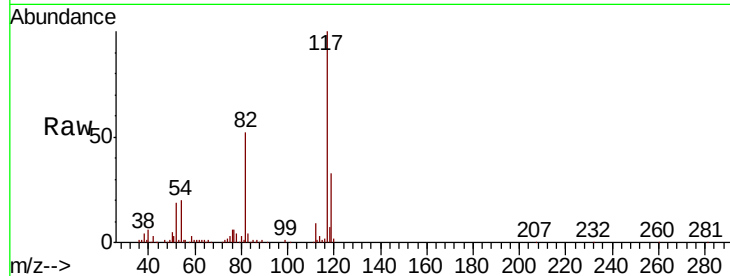




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. 0.00 min
Lab File: VN059801.D
Acq: 21 Jan 2020 9:19

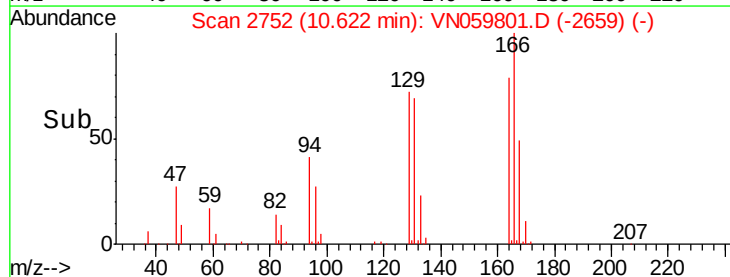
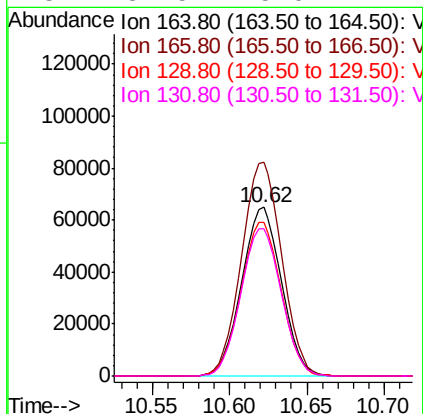
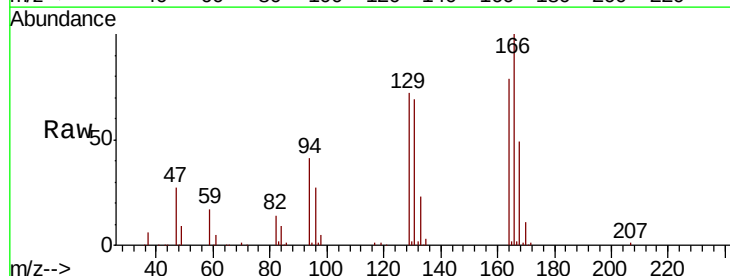
Instrument :
MSVOA_N
ClientSampleId :

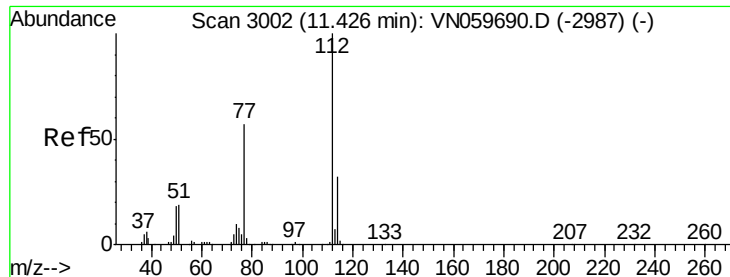
Tot Ion:117 Resp: 261785
Ion Ratio Lower Upper
117 100
82 52.4 45.9 68.9
119 32.9 25.5 38.3



#64
Tetrachloroethene
Concen: 54.458 ug/l
RT: 10.62 min Scan# 2752
Delta R.T. 0.00 min
Lab File: VN059801.D
Acq: 21 Jan 2020 9:19

Tgt Ion:164 Resp: 116189
Ion Ratio Lower Upper
164 100
166 126.7 101.4 152.0
129 91.3 80.2 120.4
131 87.5 75.0 112.4

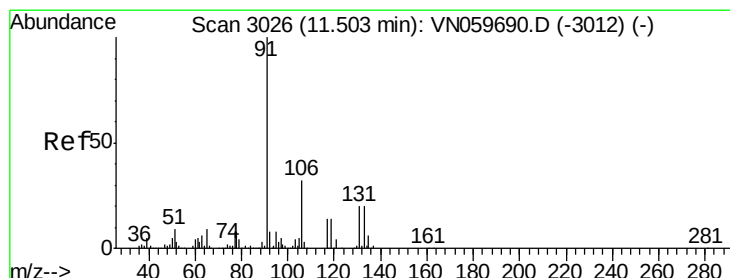
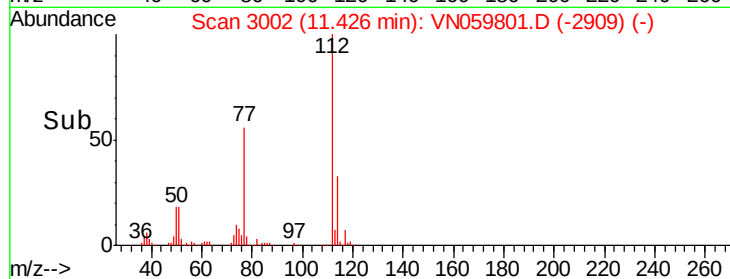
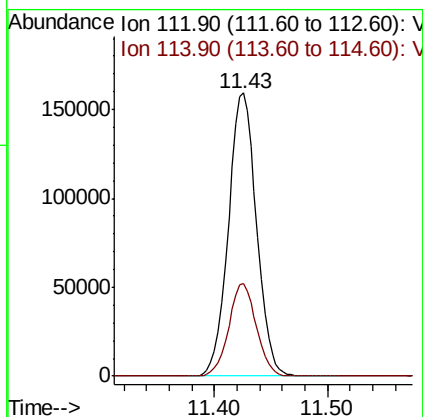
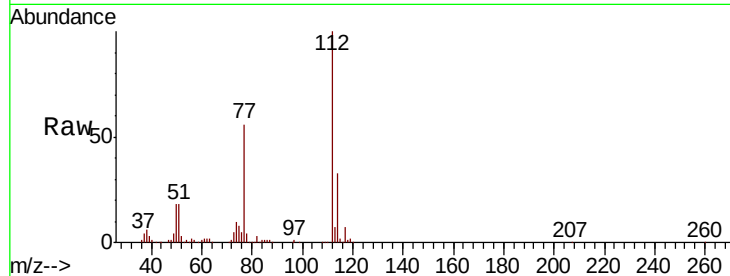




#65
Chlorobenzene
Concen: 53.331 ug/l
RT: 11.43 min Scan# 3002
Delta R.T. 0.00 min
Lab File: VN059801.D
Acq: 21 Jan 2020 9:19

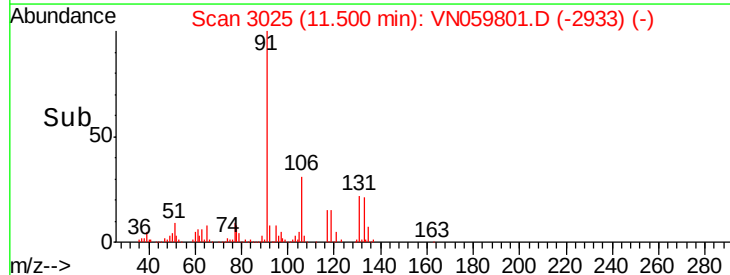
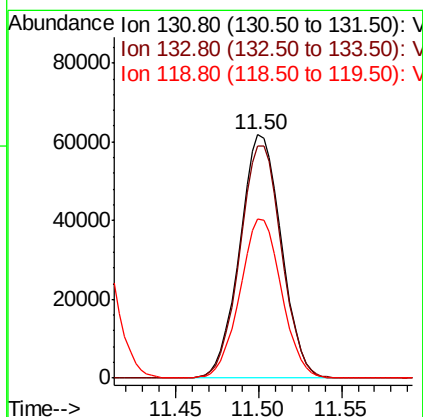
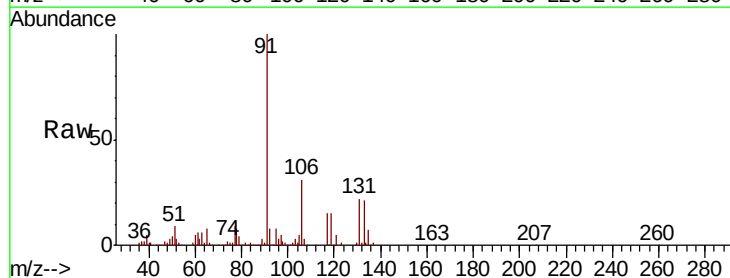
Instrument :
MSVOA_N
ClientSampled :

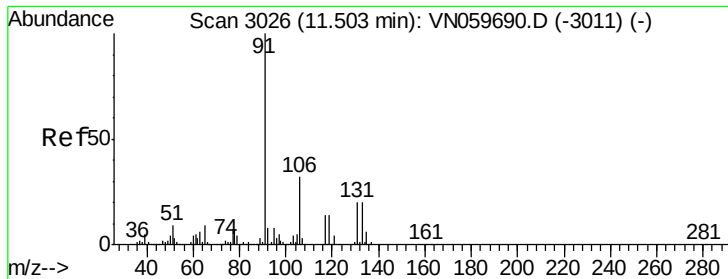
Tot Ion:112 Resp: 274415
Ion Ratio Lower Upper
112 100
114 32.5 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 54.239 ug/l
RT: 11.50 min Scan# 3025
Delta R.T. -0.00 min
Lab File: VN059801.D
Acq: 21 Jan 2020 9:19

Tgt Ion:131 Resp: 107839
Ion Ratio Lower Upper
131 100
133 95.9 47.4 142.2
119 65.1 33.1 99.3

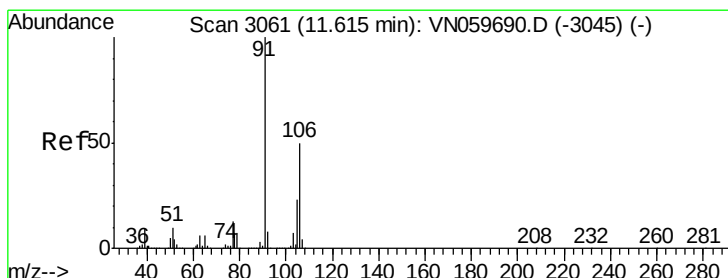
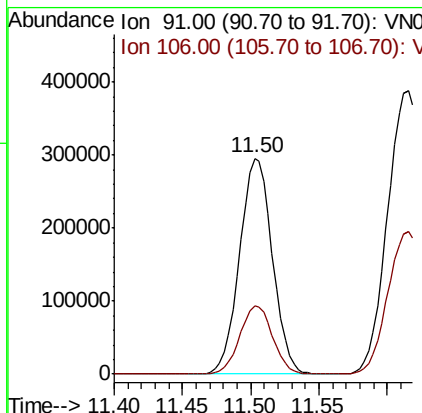
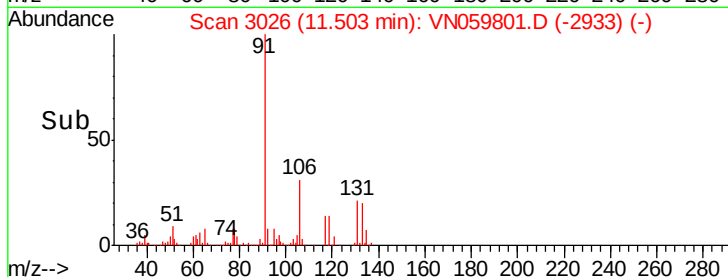
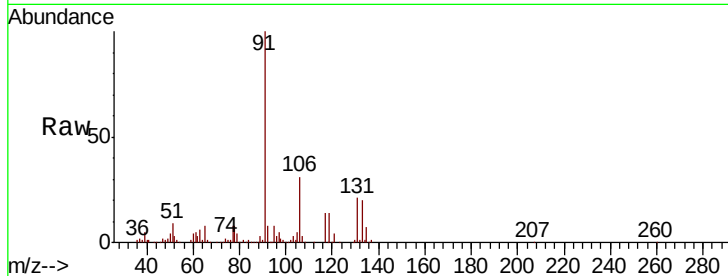




#67
Ethyl Benzene
Concen: 52.814 ug/l
RT: 11.50 min Scan# 3026
Delta R.T. 0.00 min
Lab File: VN059801.D
Acq: 21 Jan 2020 9:19

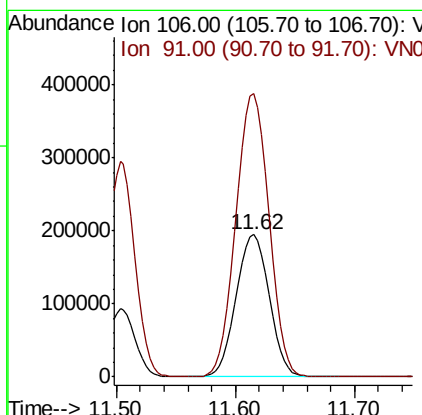
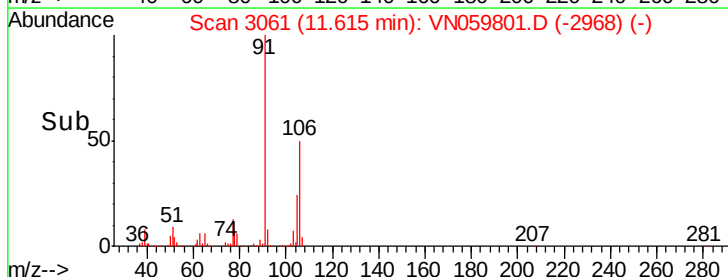
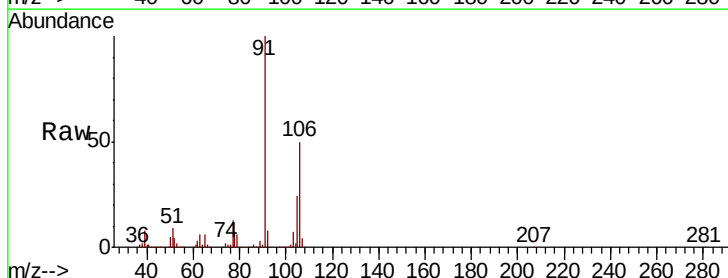
Instrument :
MSVOA_N
ClientSampled :

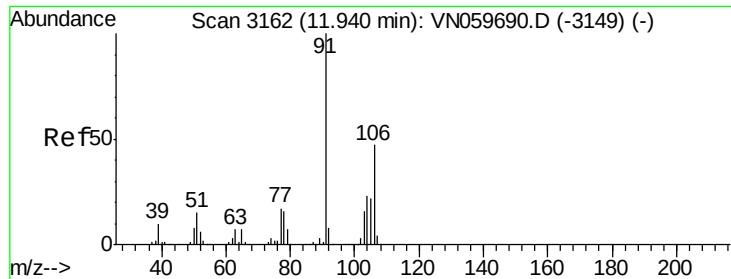
Tot Ion: 91 Resp: 493319
Ion Ratio Lower Upper
91 100
106 31.5 24.1 36.1



#68
m/p-Xylenes
Concen: 106.615 ug/l
RT: 11.62 min Scan# 3061
Delta R.T. 0.00 min
Lab File: VN059801.D
Acq: 21 Jan 2020 9:19

Tgt Ion: 106 Resp: 376175
Ion Ratio Lower Upper
106 100
91 199.2 167.9 251.9

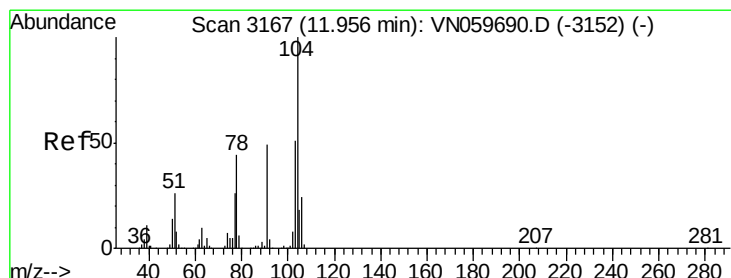
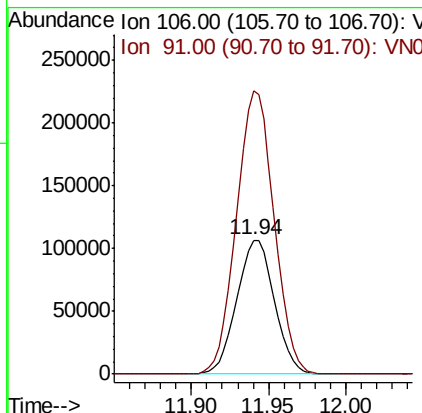
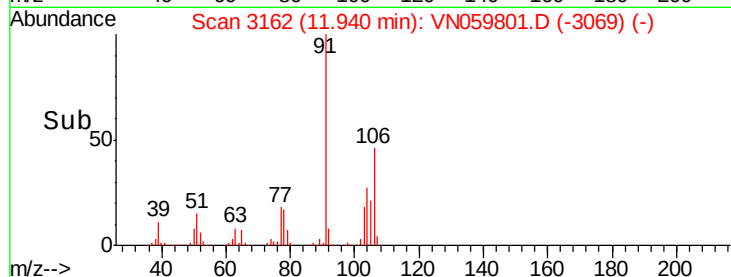
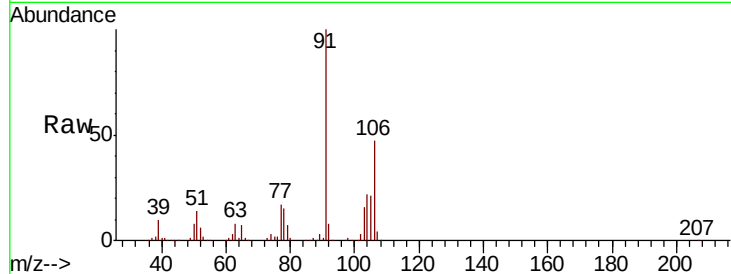




#69
o-Xylene
Concen: 52.079 ug/l
RT: 11.94 min Scan# 3162
Delta R.T. 0.00 min
Lab File: VN059801.D
Acq: 21 Jan 2020 9:19

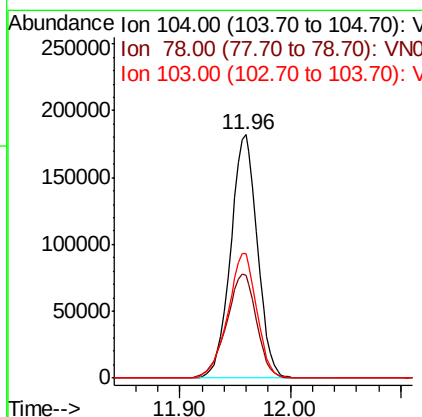
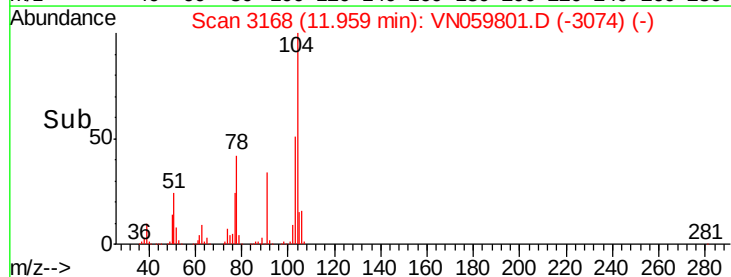
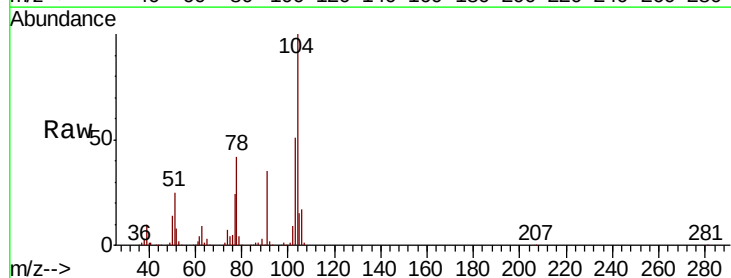
Instrument :
MSVOA_N
ClientSampled :

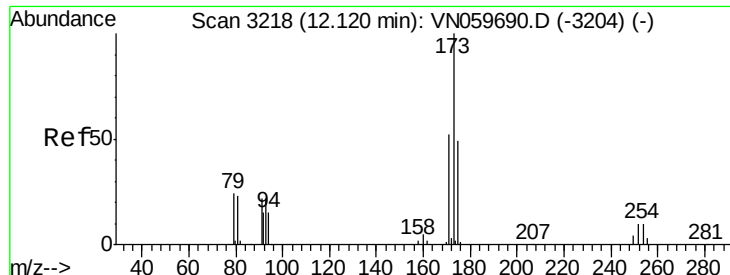
Tot Ion:106 Resp: 179897
Ion Ratio Lower Upper
106 100
91 212.0 110.3 330.9



#70
Styrene
Concen: 52.935 ug/l
RT: 11.96 min Scan# 3168
Delta R.T. 0.00 min
Lab File: VN059801.D
Acq: 21 Jan 2020 9:19

Tgt Ion:104 Resp: 305976
Ion Ratio Lower Upper
104 100
78 47.9 42.4 63.6
103 55.2 43.9 65.9





#71

Bromoform

Concen: 55.327 ug/l

RT: 12.12 min Scan# 3218

Delta R.T. 0.00 min

Lab File: VN059801.D

Acq: 21 Jan 2020 9:19

Instrument :

MSVOA_N

ClientSampleId :

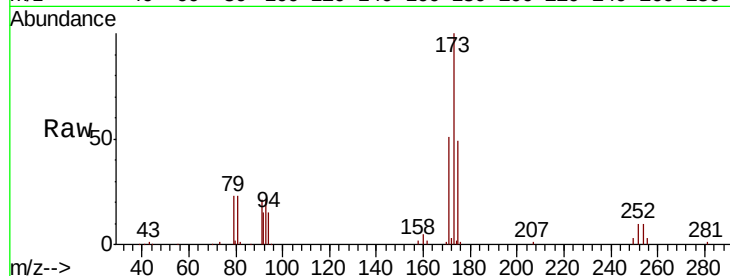
Tot Ion:173 Resp: 88113

Ion Ratio Lower Upper

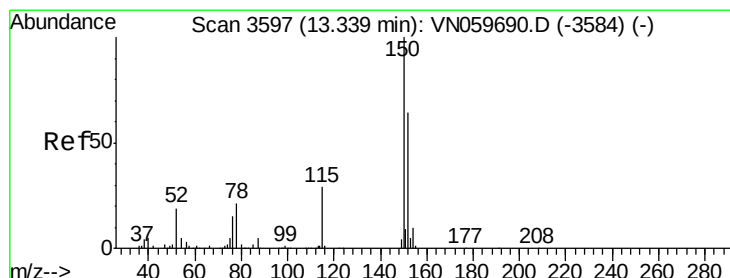
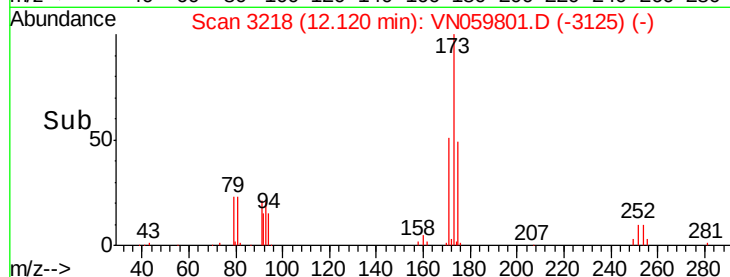
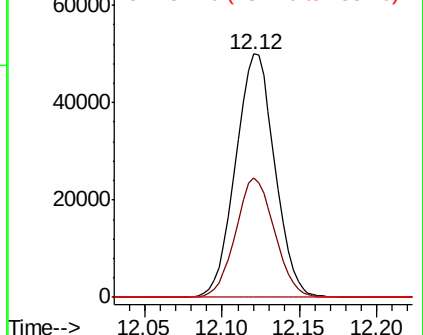
173 100

175 48.5 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: VN059801.D

Acq: 21 Jan 2020 9:19

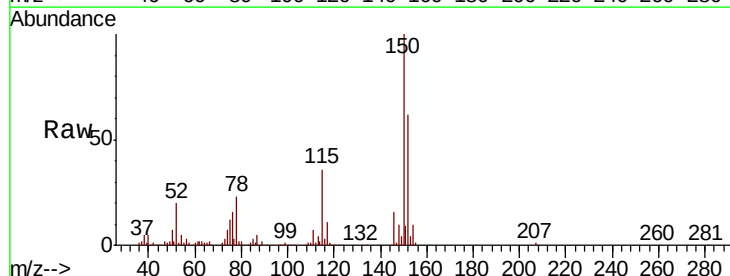
Tgt Ion:152 Resp: 130278

Ion Ratio Lower Upper

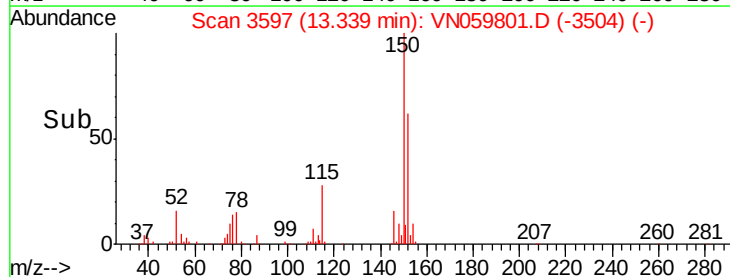
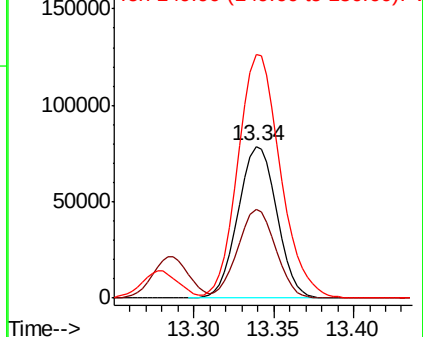
152 100

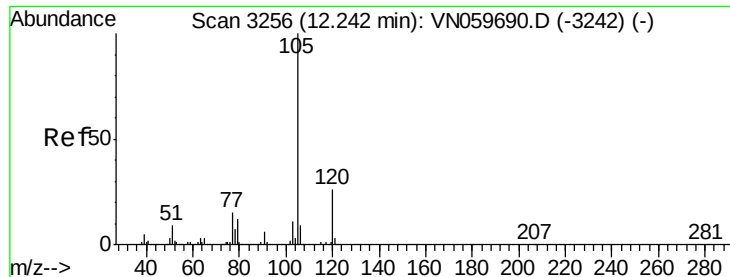
115 57.4 30.3 90.9

150 175.7 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: 51.176 ug/l

RT: 12.25 min Scan# 3257

Delta R.T. 0.00 min

Lab File: VN059801.D

Acq: 21 Jan 2020 9:19

Instrument :

MSVOA_N

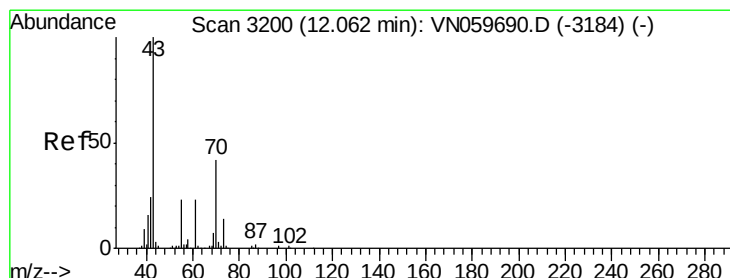
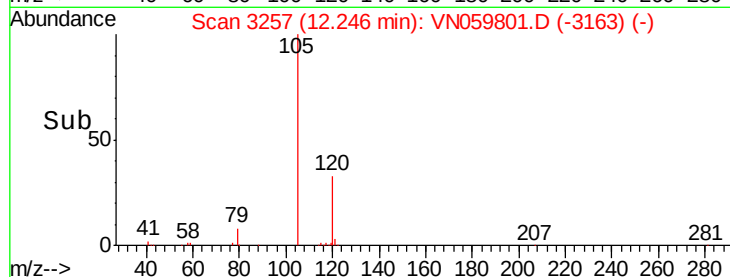
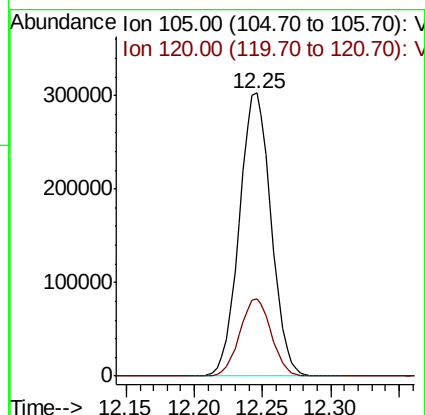
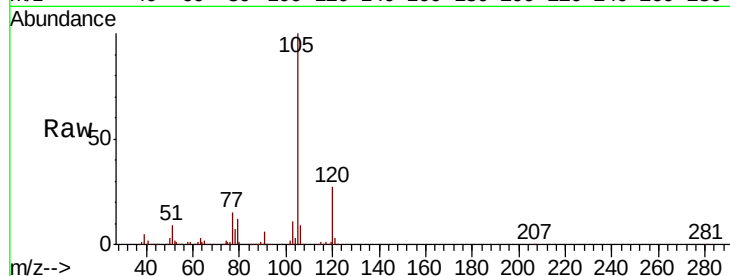
ClientSampleId :

Tot Ion:105 Resp: 488959

Ion Ratio Lower Upper

105 100

120 27.1 13.2 39.5



#74

N-ethyl acetate

Concen: 45.824 ug/l

RT: 12.06 min Scan# 3200

Delta R.T. 0.00 min

Lab File: VN059801.D

Acq: 21 Jan 2020 9:19

Tgt Ion: 43 Resp: 169890

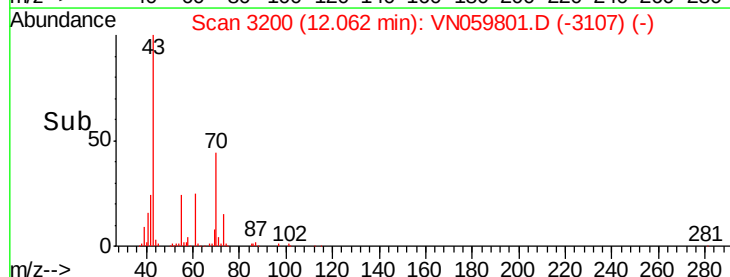
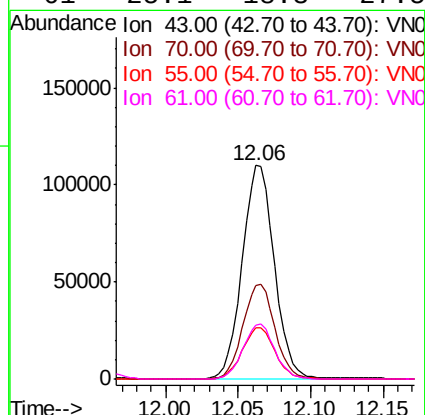
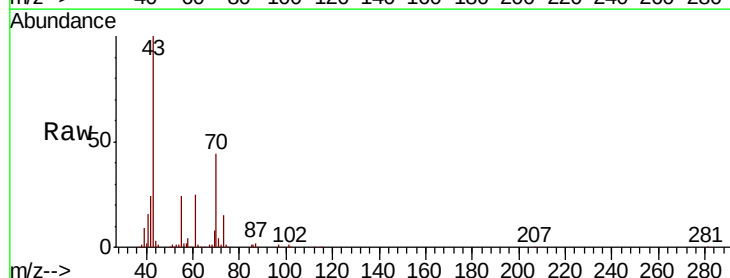
Ion Ratio Lower Upper

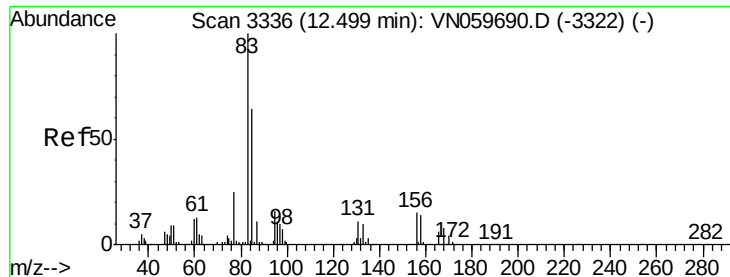
43 100

70 44.3 31.3 46.9

55 24.4 19.8 29.6

61 25.1 18.3 27.5





#75

1,1,2,2-Tetrachloroethane

Concen: 47.844 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. 0.00 min

Lab File: VN059801.D

Acq: 21 Jan 2020 9:19

Instrument :

MSVOA_N

ClientSampled :

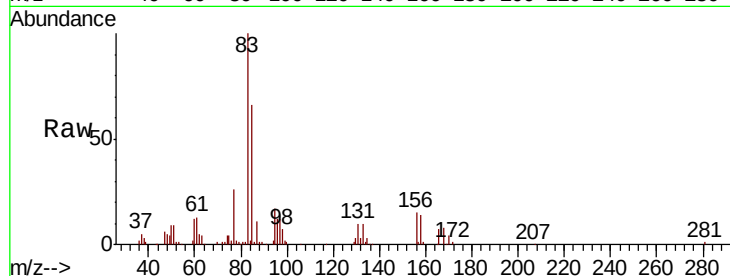
Tot Ion: 83 Resp: 132520

Ion Ratio Lower Upper

83 100

131 10.7 5.0 14.9

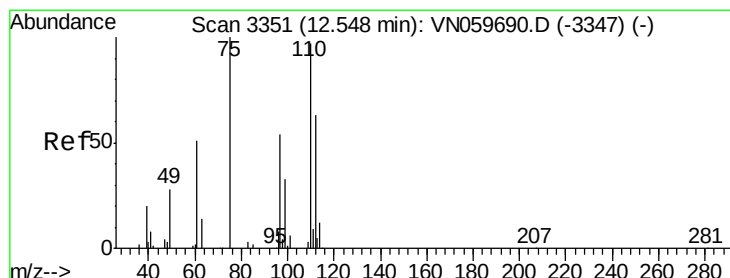
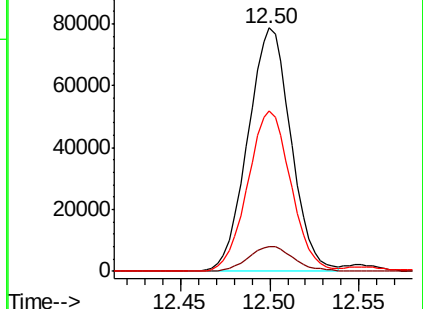
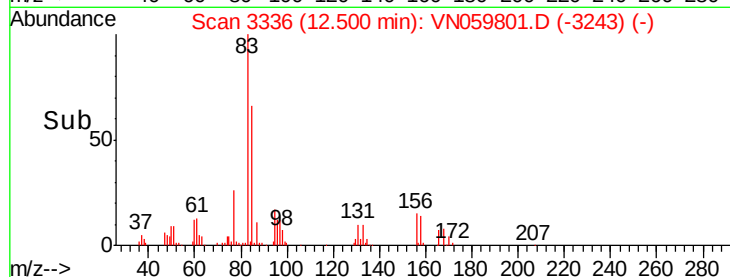
85 66.1 31.9 95.5



Abundance Ion 82.90 (82.60 to 83.60): VN059801.D (-3243) (-)

Ion 130.80 (130.50 to 131.50): VN059801.D (-3243) (-)

Ion 84.90 (84.60 to 85.60): VN059801.D (-3243) (-)



#76

1,2,3-Trichloropropane

Concen: 83.432 ug/l

RT: 12.55 min Scan# 3351

Delta R.T. 0.00 min

Lab File: VN059801.D

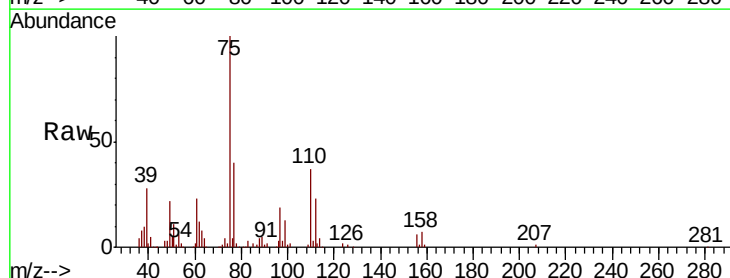
Acq: 21 Jan 2020 9:19

Tgt Ion: 75 Resp: 182920

Ion Ratio Lower Upper

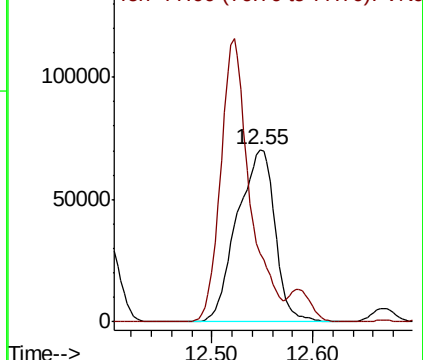
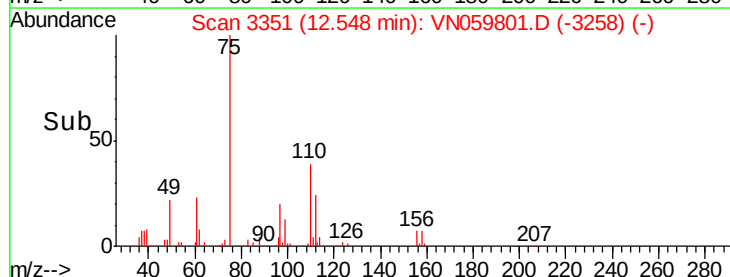
75 100

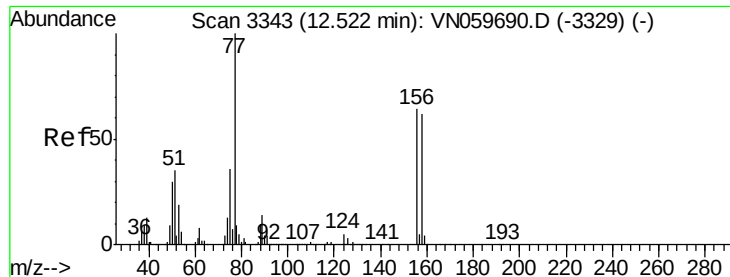
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN059801.D (-3258) (-)

Ion 77.00 (76.70 to 77.70): VN059801.D (-3258) (-)





#77

Bromobenzene

Concen: 52.711 ug/l

RT: 12.52 min Scan# 3343

Delta R.T. 0.00 min

Lab File: VN059801.D

Acq: 21 Jan 2020 9:19

Instrument :

MSVOA_N

ClientSampled :

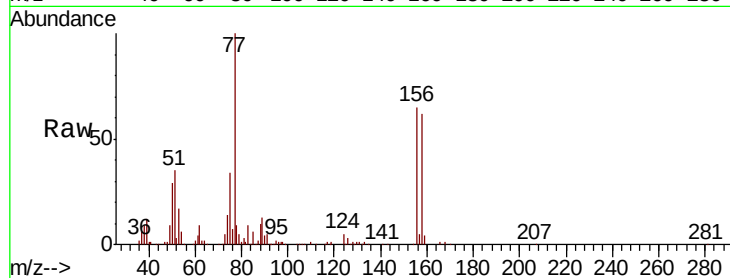
Tot Ion:156 Resp: 127539

Ion Ratio Lower Upper

156 100

77 183.0 115.8 347.4

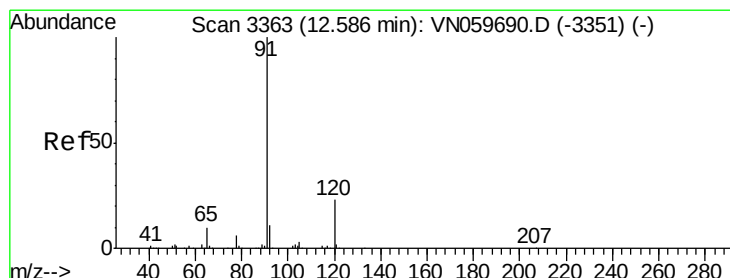
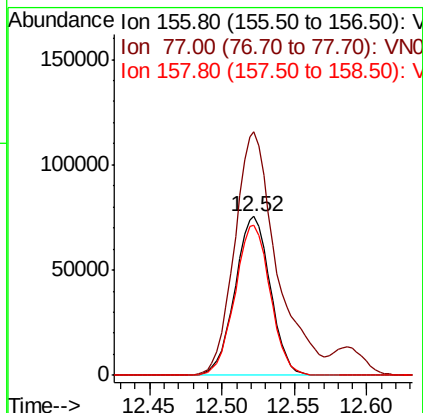
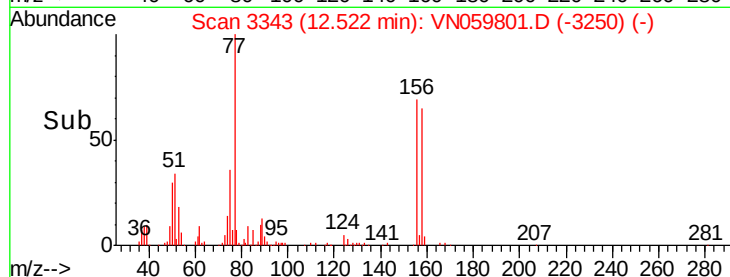
158 94.2 49.2 147.6



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: 51.724 ug/l

RT: 12.59 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN059801.D

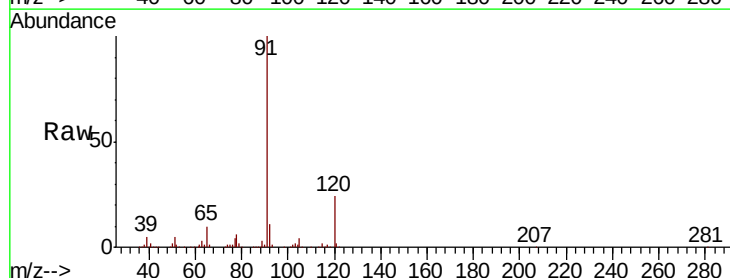
Acq: 21 Jan 2020 9:19

Tgt Ion: 91 Resp: 554686

Ion Ratio Lower Upper

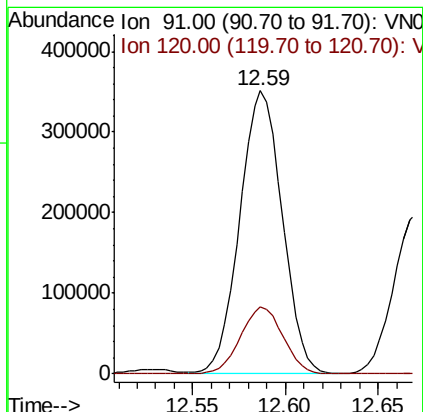
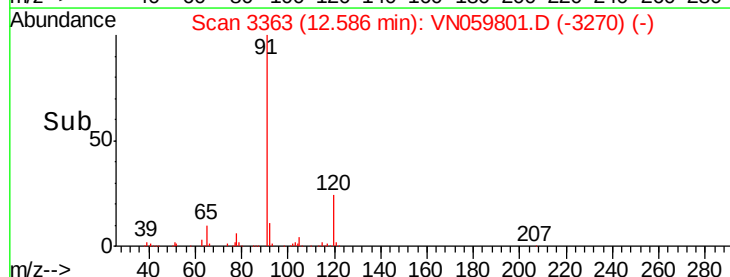
91 100

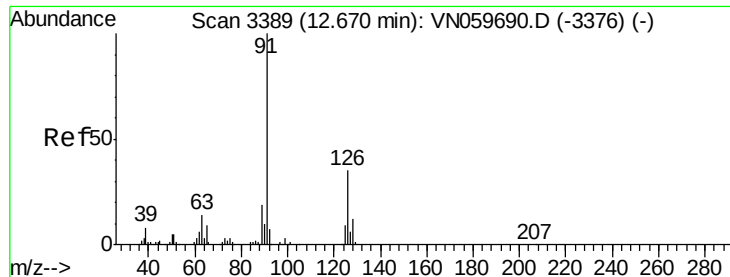
120 23.8 11.1 33.3



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 50.643 ug/l

RT: 12.67 min Scan# 3389

Delta R.T. 0.00 min

Lab File: VN059801.D

Acq: 21 Jan 2020 9:19

Instrument :

MSVOA_N

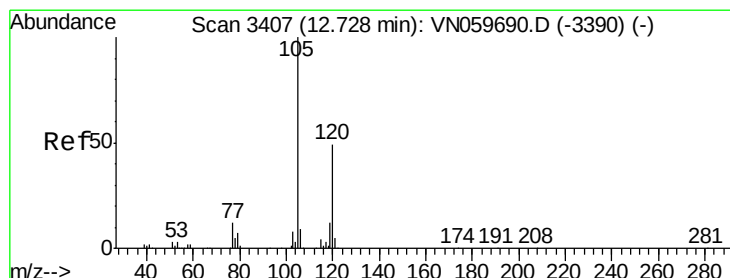
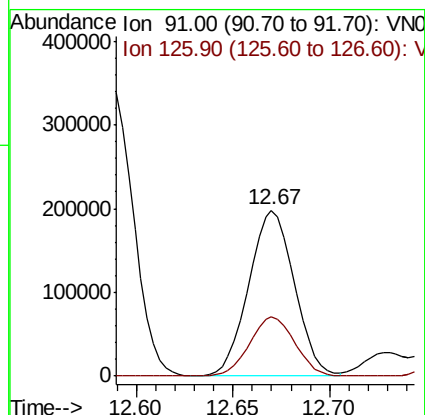
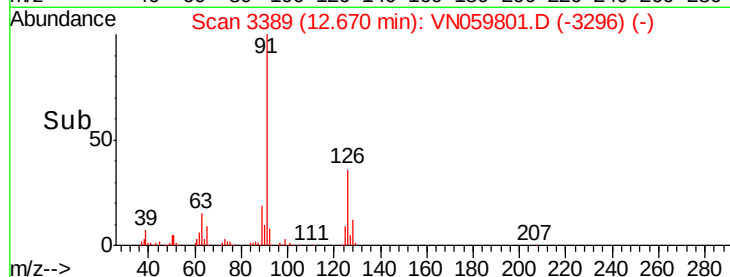
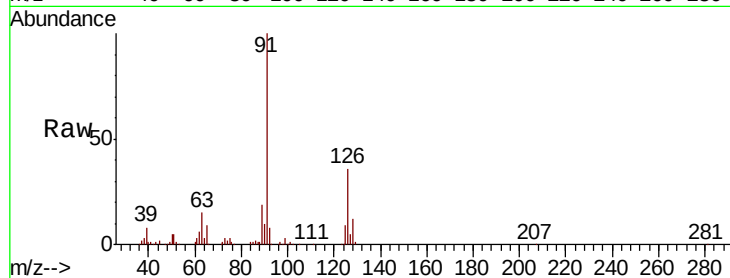
ClientSampleId :

Tot Ion: 91 Resp: 323087

Ion Ratio Lower Upper

91 100

126 35.9 16.3 48.9



#80

1,3,5-Trimethylbenzene

Concen: 51.694 ug/l

RT: 12.73 min Scan# 3407

Delta R.T. 0.00 min

Lab File: VN059801.D

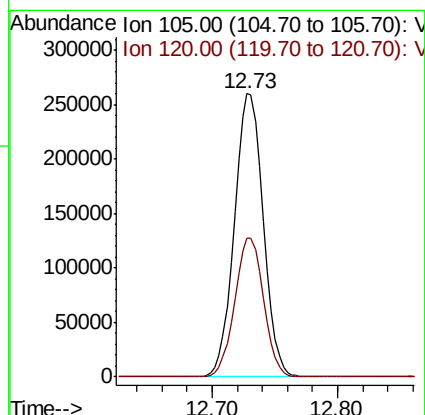
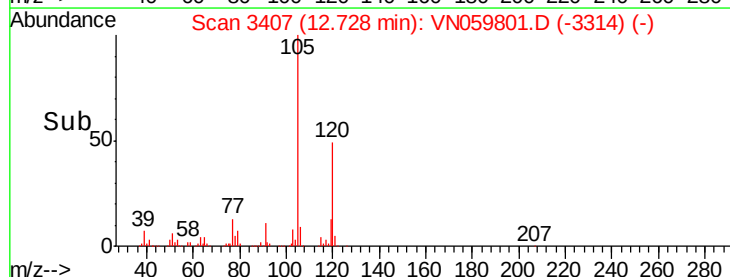
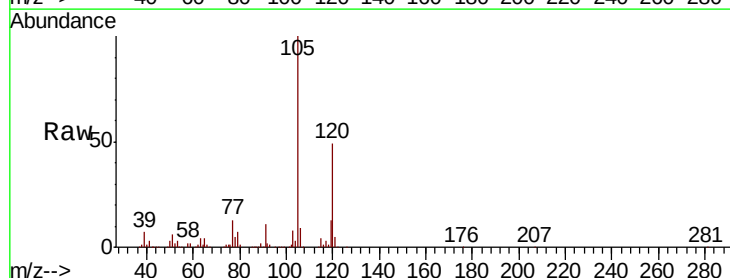
Acq: 21 Jan 2020 9:19

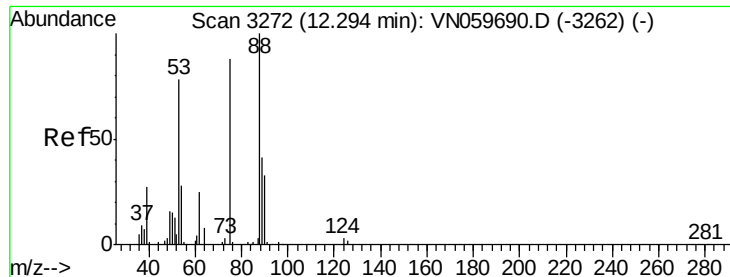
Tgt Ion: 105 Resp: 415376

Ion Ratio Lower Upper

105 100

120 49.1 24.1 72.4

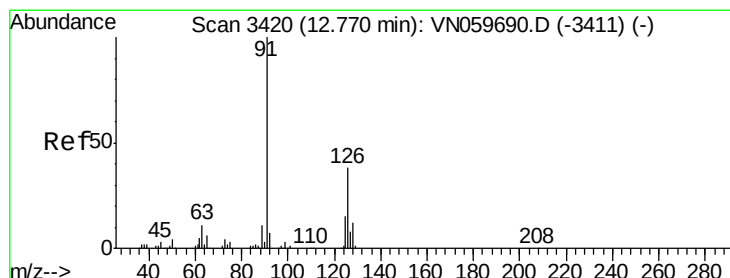
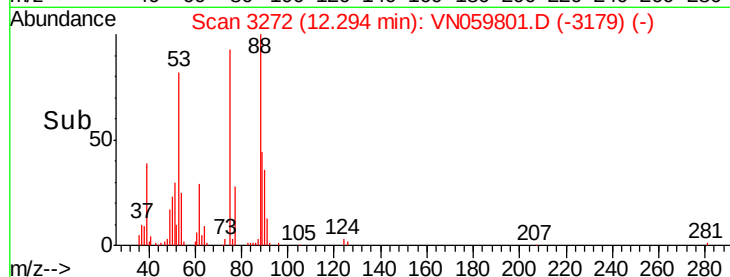
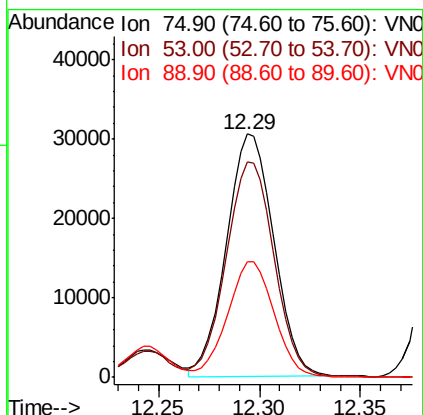
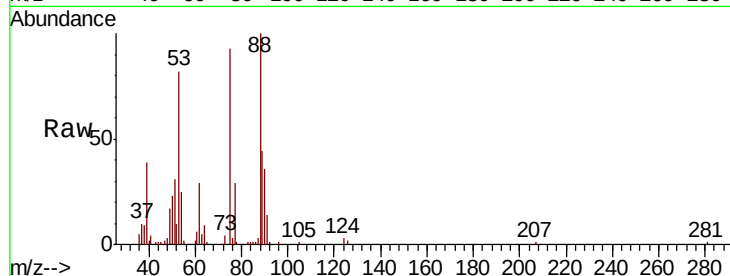




#81
trans-1,4-Dichloro-2-butene
Concen: 49.177 ug/l
RT: 12.29 min Scan# 3272
Delta R.T. 0.00 min
Lab File: VN059801.D
Acq: 21 Jan 2020 9:19

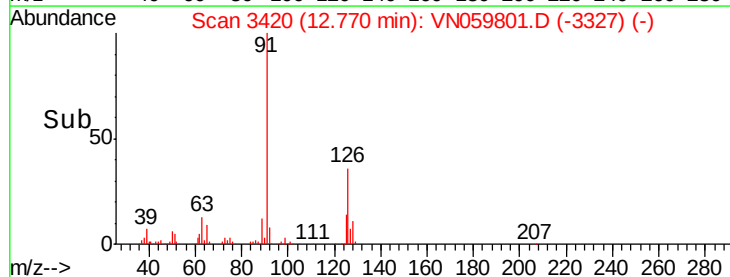
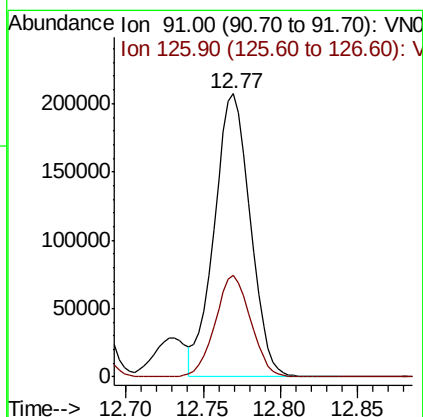
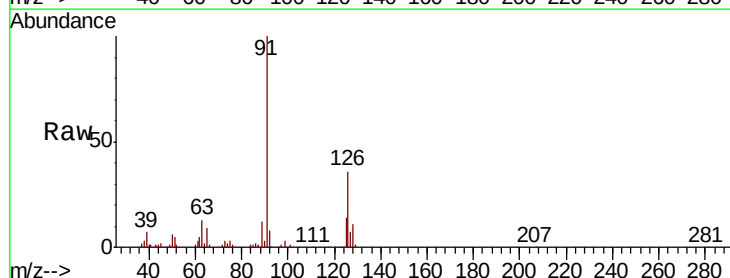
Instrument :
MSVOA_N
ClientSampleId :

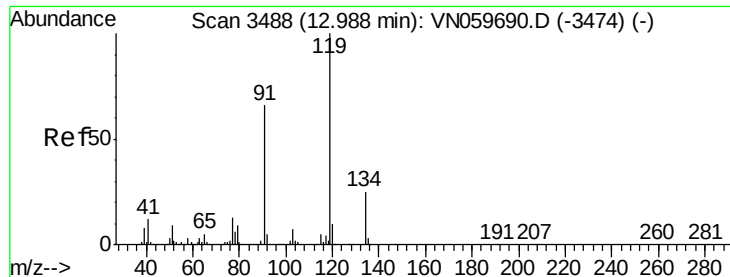
Tot Ion: 75 Resp: 50206
Ion Ratio Lower Upper
75 100
53 90.9 78.1 117.1
89 46.7 35.4 53.2



#82
4-Chlorotoluene
Concen: 52.187 ug/l
RT: 12.77 min Scan# 3420
Delta R.T. 0.00 min
Lab File: VN059801.D
Acq: 21 Jan 2020 9:19

Tgt Ion: 91 Resp: 333940
Ion Ratio Lower Upper
91 100
126 35.5 16.3 48.8

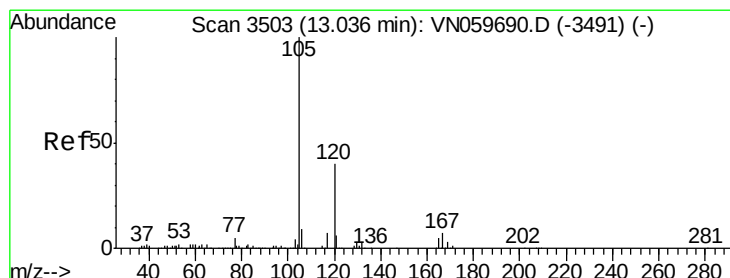
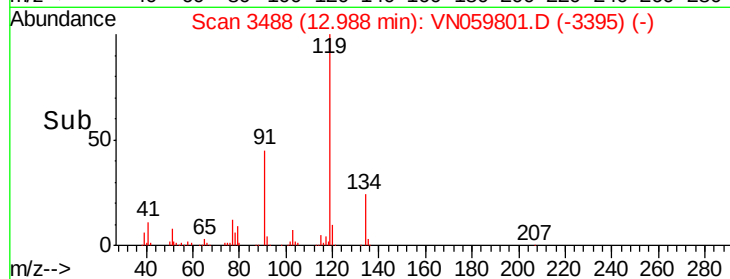
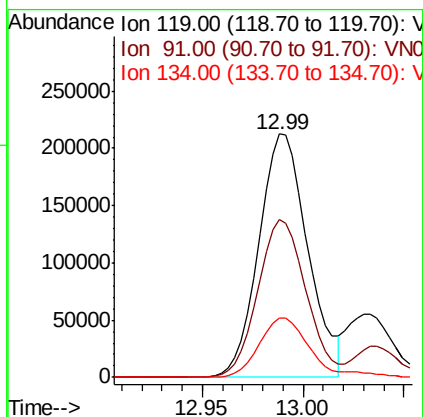
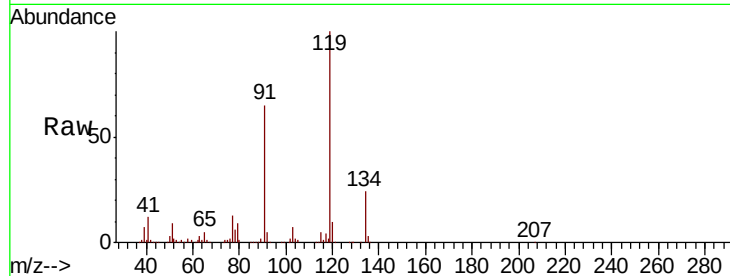




#83
 tert-Butylbenzene
 Concen: 51.818 ug/l
 RT: 12.99 min Scan# 3488
 Delta R.T. 0.00 min
 Lab File: VN059801.D
 Acq: 21 Jan 2020 9:19

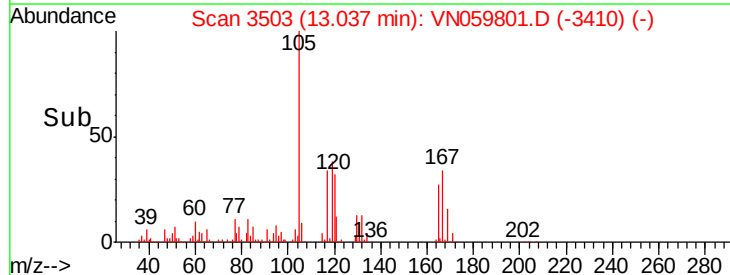
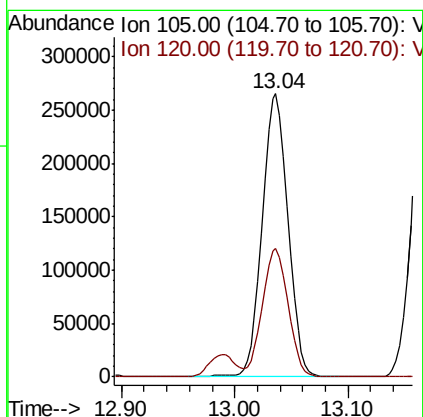
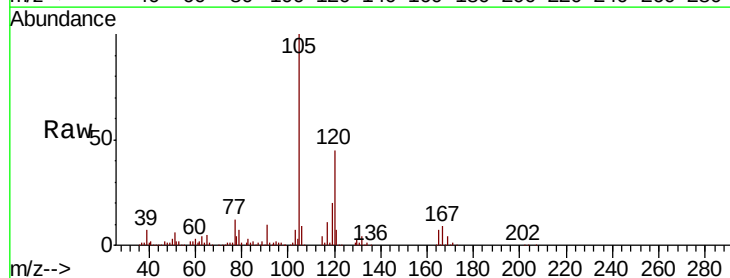
Instrument :
 MSVOA_N
 ClientSampled :

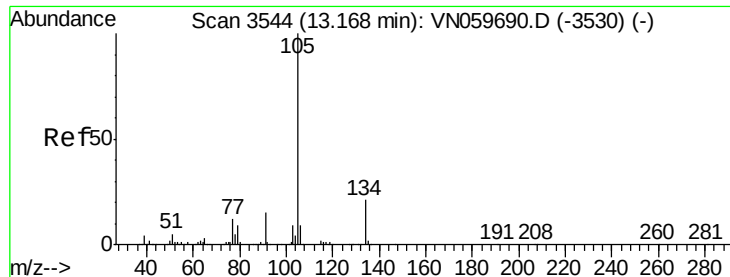
Tot Ion:119 Resp: 360114
 Ion Ratio Lower Upper
 119 100
 91 63.3 34.8 104.4
 134 25.6 12.3 36.9



#84
 1,2,4-Trimethylbenzene
 Concen: 52.853 ug/l
 RT: 13.04 min Scan# 3503
 Delta R.T. 0.00 min
 Lab File: VN059801.D
 Acq: 21 Jan 2020 9:19

Tgt Ion:105 Resp: 420154
 Ion Ratio Lower Upper
 105 100
 120 45.4 22.3 66.9





#85

sec-Butylbenzene

Concen: 52.239 ug/l

RT: 13.17 min Scan# 3544

Delta R.T. 0.00 min

Lab File: VN059801.D

Acq: 21 Jan 2020 9:19

Instrument :

MSVOA_N

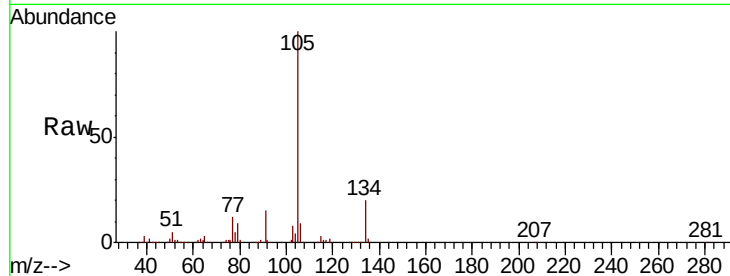
ClientSampleId :

Tot Ion:105 Resp: 476979

Ion Ratio Lower Upper

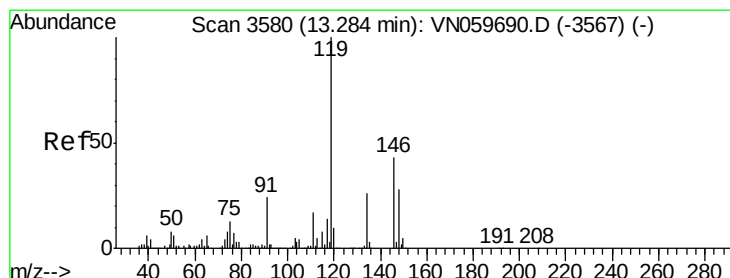
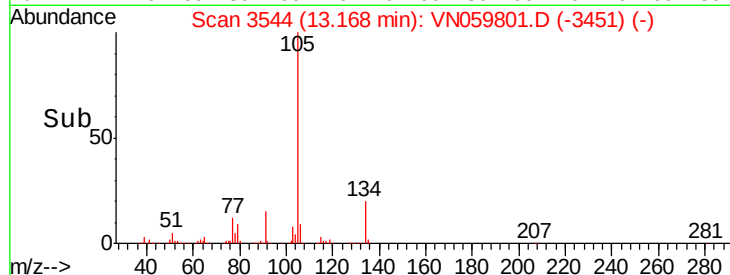
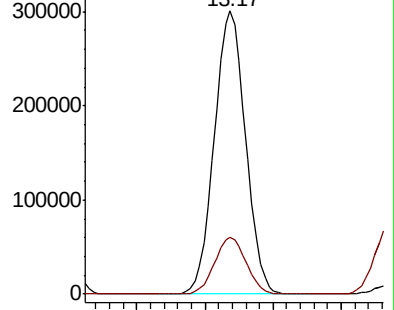
105 100

134 20.1 9.8 29.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 52.542 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. 0.00 min

Lab File: VN059801.D

Acq: 21 Jan 2020 9:19

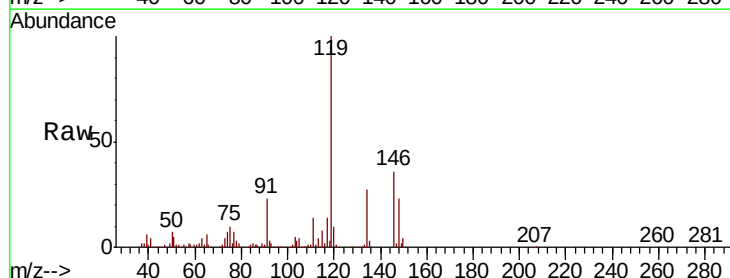
Tgt Ion:119 Resp: 443907

Ion Ratio Lower Upper

119 100

134 26.8 12.9 38.7

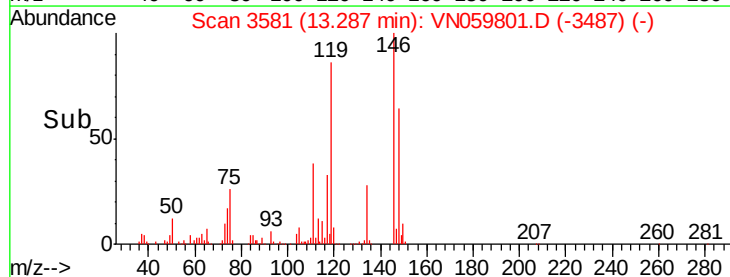
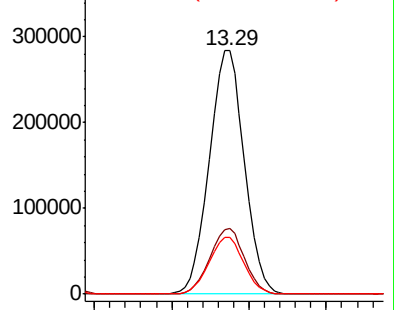
91 23.4 12.4 37.4

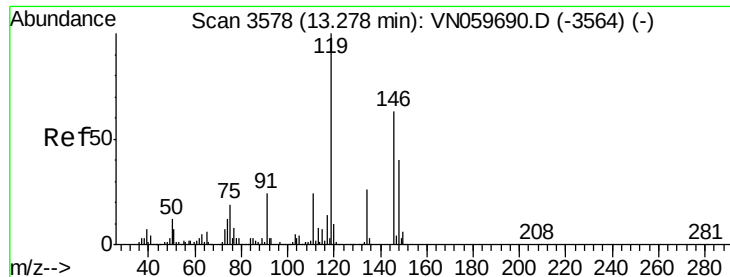


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 53.892 ug/l

RT: 13.28 min Scan# 3578

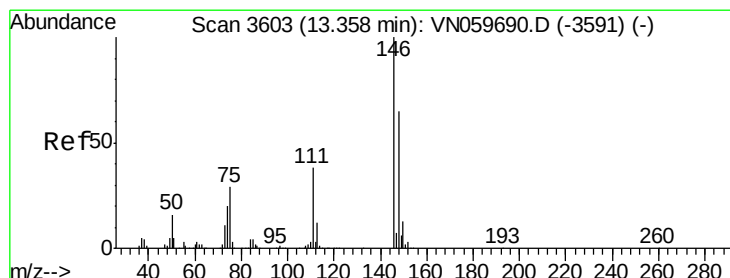
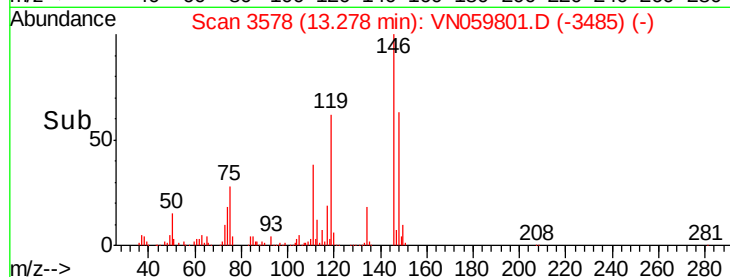
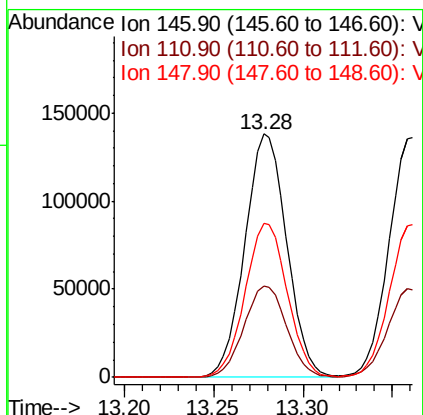
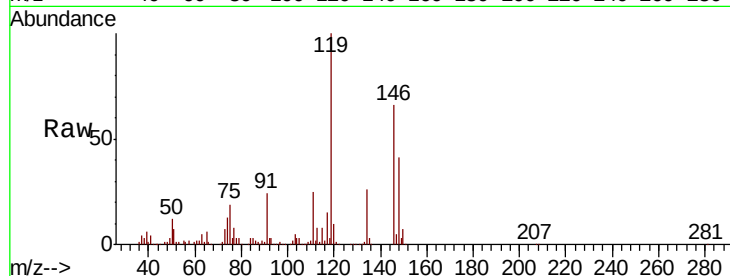
Delta R.T. 0.00 min

Lab File: VN059801.D

Acq: 21 Jan 2020 9:19

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.3	20.8	62.2
148	63.8	32.0	96.0



#88

1,4-Dichlorobenzene

Concen: 53.026 ug/l

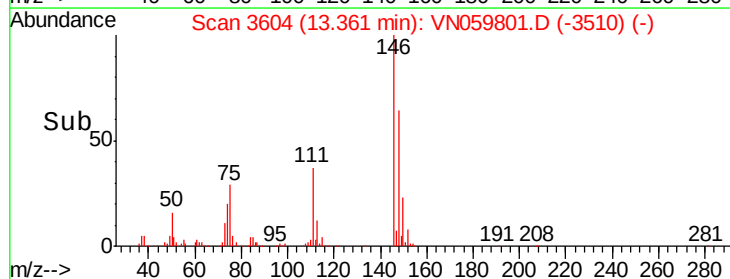
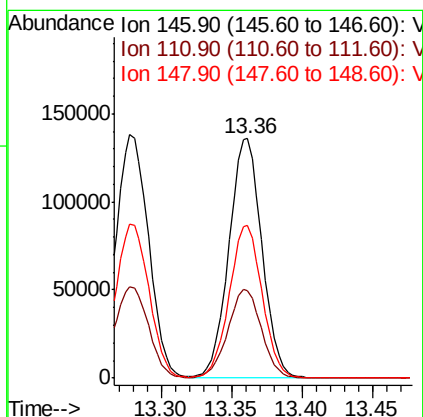
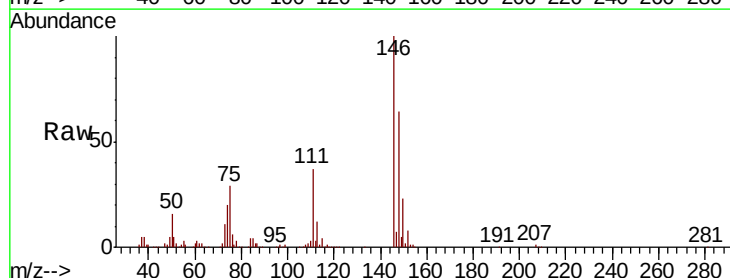
RT: 13.36 min Scan# 3604

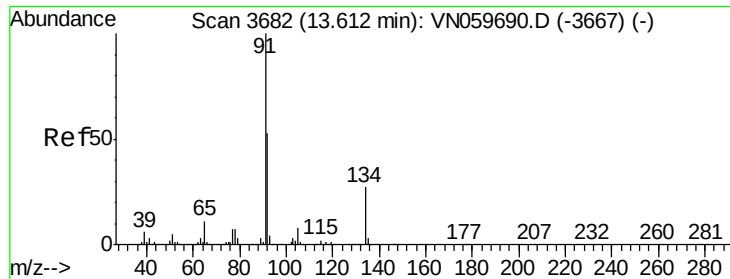
Delta R.T. 0.00 min

Lab File: VN059801.D

Acq: 21 Jan 2020 9:19

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.9	20.8	62.2
148	63.5	31.8	95.4

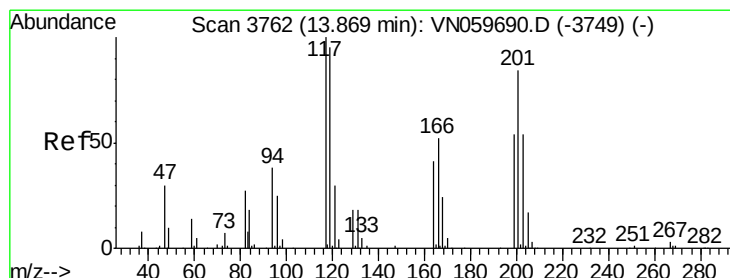
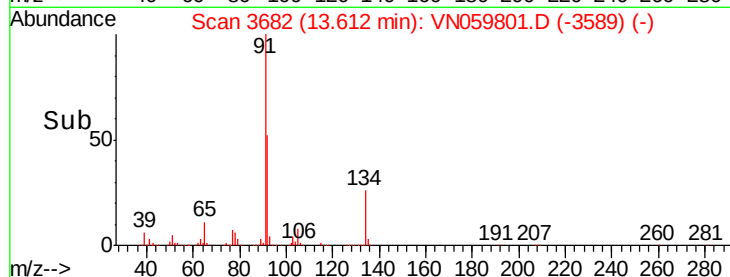
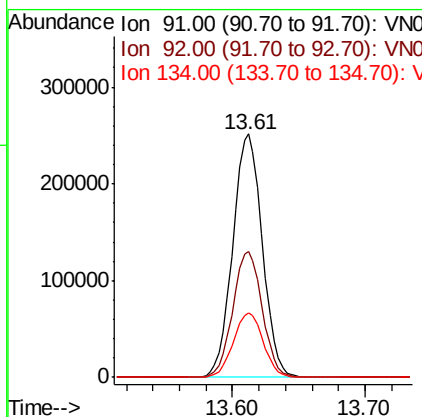
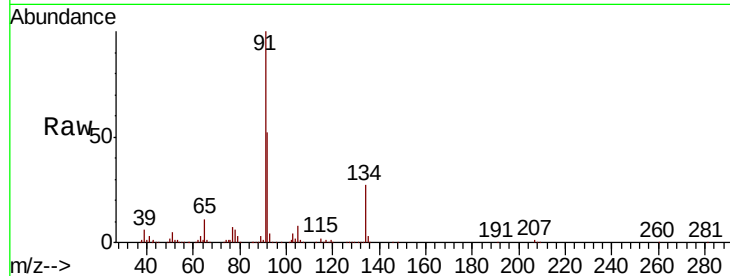




#89
n-Butylbenzene
Concen: 53.887 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. 0.00 min
Lab File: VN059801.D
Acq: 21 Jan 2020 9:19

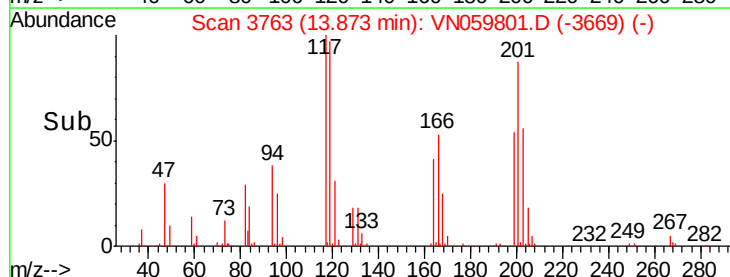
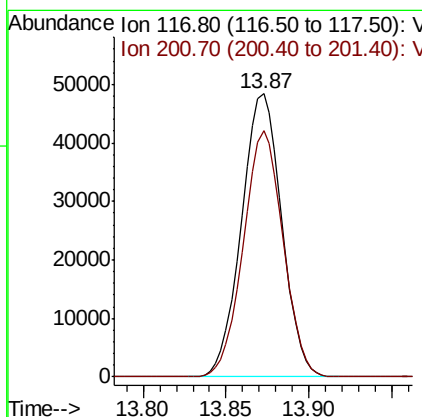
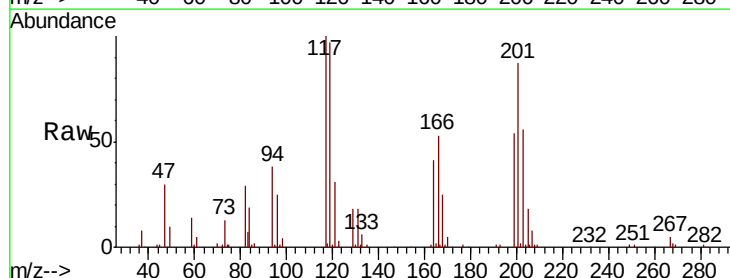
Instrument :
MSVOA_N
ClientSampleId :

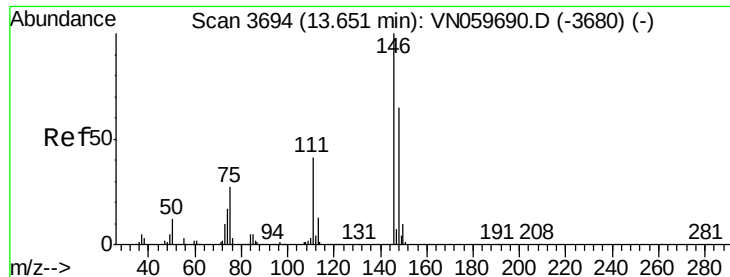
Tot Ion: 91 Resp: 388179
Ion Ratio Lower Upper
91 100
92 51.5 25.9 77.7
134 26.8 12.3 36.8



#90
Hexachloroethane
Concen: 51.616 ug/l
RT: 13.87 min Scan# 3763
Delta R.T. 0.00 min
Lab File: VN059801.D
Acq: 21 Jan 2020 9:19

Tgt Ion: 117 Resp: 81590
Ion Ratio Lower Upper
117 100
201 85.6 37.8 113.4

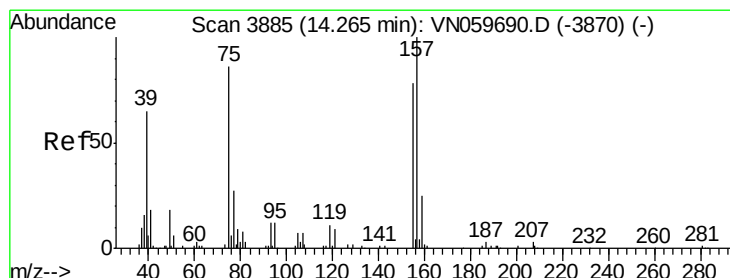
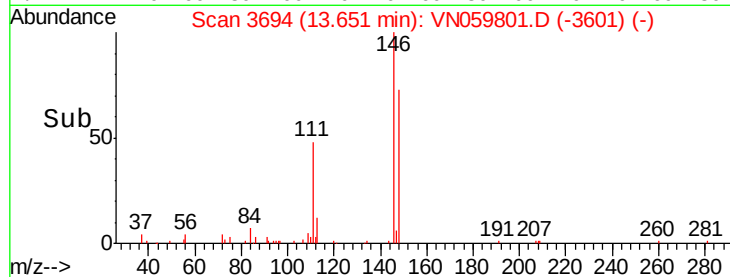
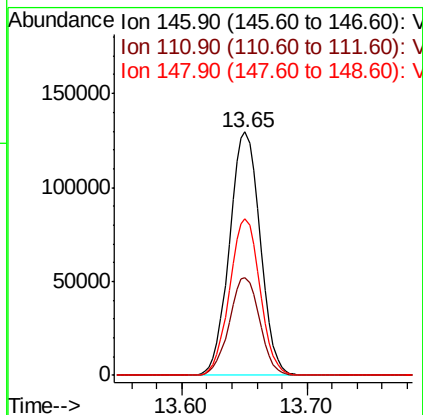
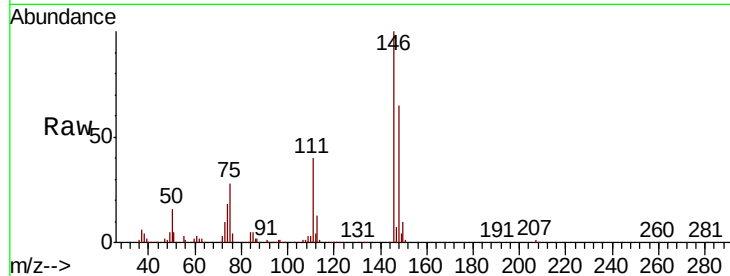




#91
 1,2-Dichlorobenzene
 Concen: 52.971 ug/l
 RT: 13.65 min Scan# 3694
 Delta R.T. 0.00 min
 Lab File: VN059801.D
 Acq: 21 Jan 2020 9:19

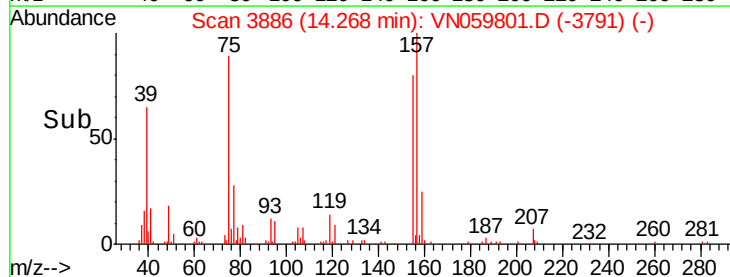
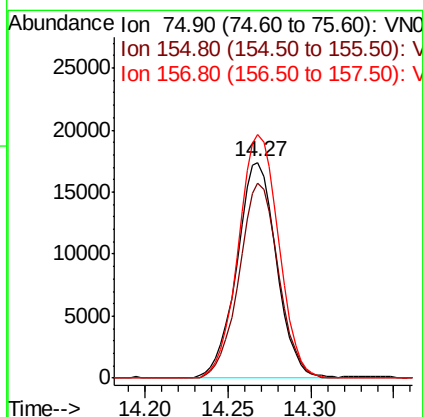
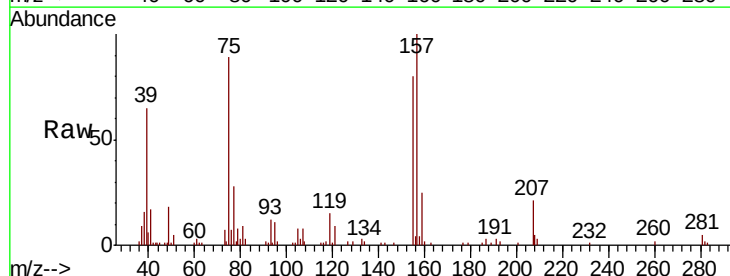
Instrument :
 MSVOA_N
 ClientSampleId :

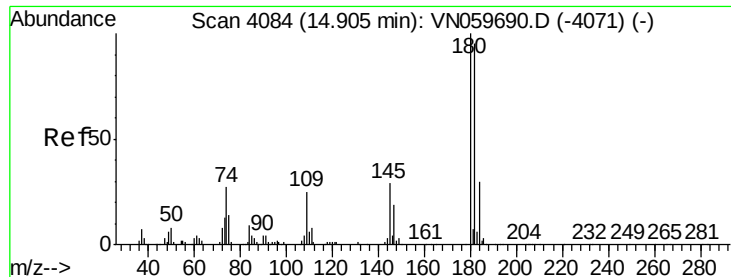
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.8	21.6	64.8
148	63.6	31.6	95.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 48.577 ug/l
 RT: 14.27 min Scan# 3886
 Delta R.T. 0.00 min
 Lab File: VN059801.D
 Acq: 21 Jan 2020 9:19

Tgt Ion	Ratio	Lower	Upper
75	100		
155	89.2	37.0	110.9
157	114.7	48.4	145.2

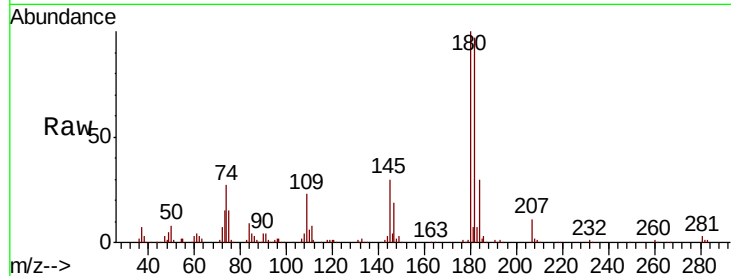




#93
 1,2,4-Trichlorobenzene
 Concen: 56.207 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN059801.D
 Acq: 21 Jan 2020 9:19

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.4	46.9	140.7
145	29.8	15.0	45.1

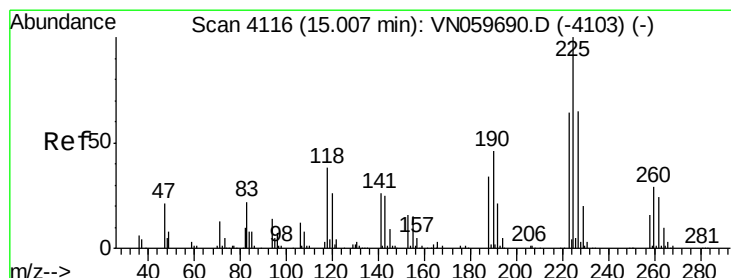
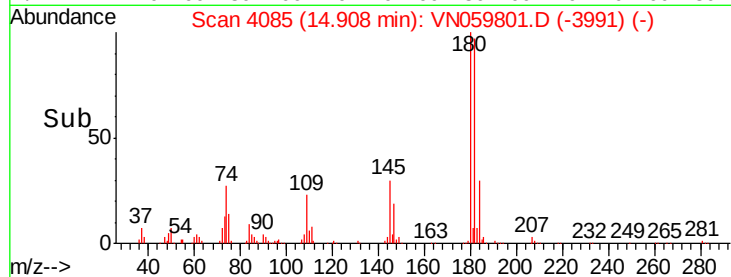
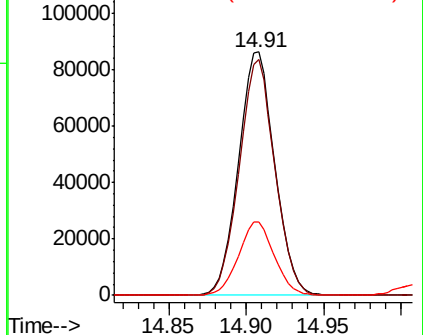


Abundance

Ion 179.80 (179.50 to 180.50): V

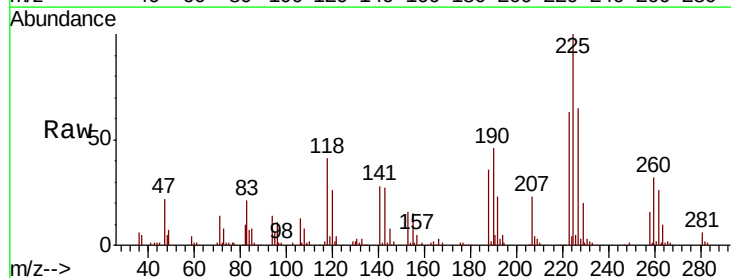
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 53.348 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN059801.D
 Acq: 21 Jan 2020 9:19

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.4	31.8	95.3
227	64.5	32.1	96.5

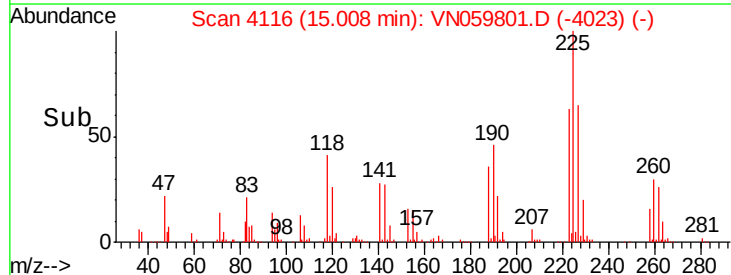
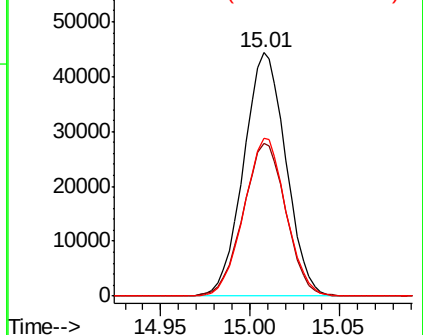


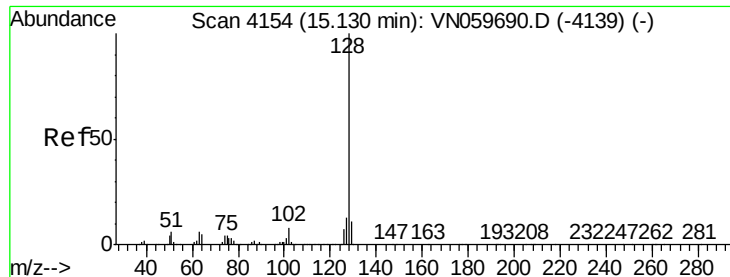
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V

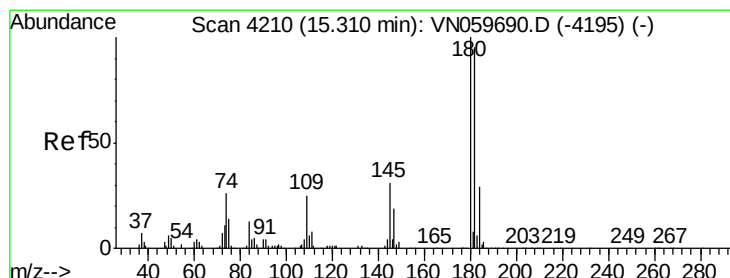
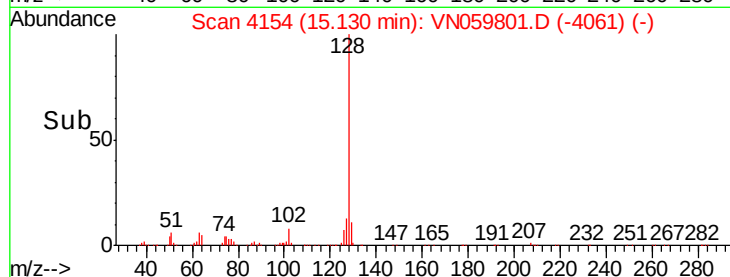
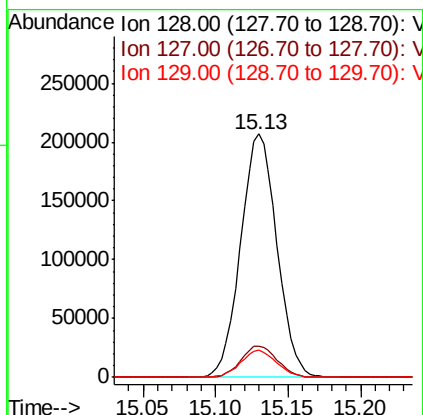
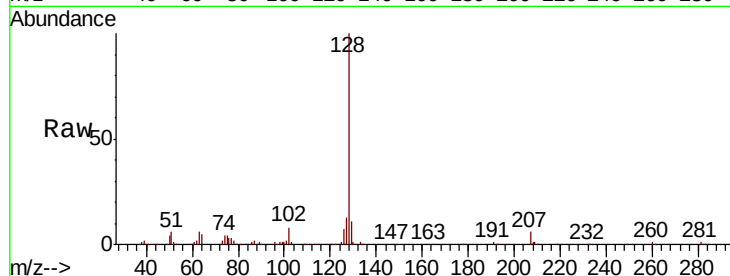




#95
Naphthalene
Concen: 50.599 ug/l
RT: 15.13 min Scan# 4154
Delta R.T. 0.00 min
Lab File: VN059801.D
Acq: 21 Jan 2020 9:19

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:128 Resp: 359332
Ion Ratio Lower Upper
128 100
127 13.0 10.4 15.6
129 10.9 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 54.877 ug/l
RT: 15.31 min Scan# 4210
Delta R.T. 0.00 min
Lab File: VN059801.D
Acq: 21 Jan 2020 9:19

Tgt Ion:180 Resp: 133363
Ion Ratio Lower Upper
180 100
182 95.9 47.4 142.3
145 31.3 16.3 48.9

