

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN030220\
 Data File : VN060298.D
 Acq On : 2 Mar 2020 9:29
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Mar 03 05:42:14 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N022720W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 27 13:52:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	227320	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	365720	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	341081	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	164641	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.00	65	142946	49.01	ug/l	0.00
Spiked Amount						
			Recovery	=	98.02%	
35) Dibromofluoromethane	7.56	113	89504	52.73	ug/l	0.00
Spiked Amount						
			Recovery	=	105.46%	
50) Toluene-d8	10.08	98	420181	48.91	ug/l	0.00
Spiked Amount						
			Recovery	=	97.82%	
62) 4-Bromofluorobenzene	12.40	95	158941	48.80	ug/l	0.00
Spiked Amount						
			Recovery	=	97.60%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	96929	46.507	ug/l	99
3) Chloromethane	2.04	50	164488	45.331	ug/l	100
4) Vinyl Chloride	2.16	62	135545	43.556	ug/l	100
5) Bromomethane	2.54	94	55540	44.053	ug/l	97
6) Chloroethane	2.68	64	75772	44.940	ug/l	97
7) Trichlorofluoromethane	3.00	101	176120	44.296	ug/l	100
8) Diethyl Ether	3.38	74	70526	46.980	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.73	101	102225	45.430	ug/l	100
10) Methyl Iodide	3.93	142	99984	48.687	ug/l	99
11) Tert butyl alcohol	4.72	59	106979	247.025	ug/l #	85
12) 1,1-Dichloroethene	3.72	96	100347	45.942	ug/l	97
13) Acrolein	3.57	56	103689	256.646	ug/l	100
14) Allyl chloride	4.29	41	174891	43.433	ug/l	91
15) Acrylonitrile	4.94	53	287448	251.818	ug/l	100
16) Acetone	3.78	43	213640	226.832	ug/l	99
17) Carbon Disulfide	4.03	76	265499	45.751	ug/l	100
18) Methyl Acetate	4.29	43	148699	47.310	ug/l	98
19) Methyl tert-butyl Ether	5.00	73	379457	47.856	ug/l	99
20) Methylene Chloride	4.52	84	116262	44.948	ug/l	97
21) trans-1,2-Dichloroethene	5.00	96	106184	45.213	ug/l	96
22) Diisopropyl ether	5.91	45	397832	48.775	ug/l	99
23) Vinyl Acetate	5.86	43	1639035	252.885	ug/l	99
24) 1,1-Dichloroethane	5.81	63	215554	46.687	ug/l	99
25) 2-Butanone	6.80	43	378454	248.770	ug/l	100
26) 2,2-Dichloropropane	6.79	77	194817	46.349	ug/l	100
27) cis-1,2-Dichloroethene	6.80	96	129785	43.272	ug/l	99
28) Bromochloromethane	7.17	49	88561	46.718	ug/l	98
29) Tetrahydrofuran	7.18	42	258728	244.573	ug/l	100
30) Chloroform	7.35	83	215518	46.891	ug/l	99
31) Cyclohexane	7.63	56	188060	47.668	ug/l	100
32) 1,1,1-Trichloroethane	7.54	97	187351	46.007	ug/l	100
36) 1,1-Dichloropropene	7.77	75	157521	45.193	ug/l	99
37) Ethyl Acetate	6.89	43	164274	49.775	ug/l	100
38) Carbon Tetrachloride	7.75	117	157878	46.523	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.06	83	189932	46.217	ug/l	98
40) Benzene	8.02	78	473656	46.690	ug/l	100
41) Methacrylonitrile	7.18	41	240979	158.135	ug/l #	100
42) 1,2-Dichloroethane	8.10	62	175480	47.935	ug/l	100
43) Isopropyl Acetate	8.14	43	292162	50.566	ug/l	99
44) Trichloroethene	8.81	130	128008	45.306	ug/l	99
45) 1,2-Dichloropropane	9.10	63	129366	48.774	ug/l	98
46) Dibromomethane	9.19	93	82399	47.878	ug/l	99
47) Bromodichloromethane	9.38	83	172476	49.275	ug/l	98
48) Methyl methacrylate	9.18	41	129355	49.096	ug/l	99
49) 1,4-Dioxane	9.18	88	37574	1014.098	ug/l	99
51) 4-Methyl-2-Pentanone	9.97	43	839029	256.122	ug/l	99
52) Toluene	10.14	92	298474	46.837	ug/l	100
53) t-1,3-Dichloropropene	10.37	75	202670	47.253	ug/l	98
54) cis-1,3-Dichloropropene	9.82	75	214417	48.245	ug/l	99
55) 1,1,2-Trichloroethane	10.55	97	120373	46.972	ug/l	98
56) Ethyl methacrylate	10.42	69	189366	51.435	ug/l	99
57) 1,3-Dichloropropane	10.70	76	204394	48.907	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.68	63	481065	249.833	ug/l	99
59) 2-Hexanone	10.74	43	623008	259.021	ug/l	99
60) Dibromochloromethane	10.89	129	128704	49.385	ug/l	100
61) 1,2-Dibromoethane	10.99	107	122191	48.912	ug/l	99
64) Tetrachloroethene	10.62	164	134048	49.913	ug/l	100
65) Chlorobenzene	11.43	112	312445	45.365	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.50	131	120820	47.445	ug/l	100
67) Ethyl Benzene	11.50	91	585570	46.687	ug/l	99
68) m/p-Xylenes	11.61	106	435798	92.094	ug/l	100
69) o-Xylene	11.94	106	212453	47.081	ug/l	100
70) Styrene	11.96	104	348570	46.983	ug/l	99
71) Bromoform	12.12	173	93870	51.147	ug/l #	100
73) Isopropylbenzene	12.24	105	573520	46.998	ug/l	99
74) N-amyl acetate	12.06	43	262457	49.219	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	163984	49.436	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	238142	65.927	ug/l #	100
77) Bromobenzene	12.52	156	139921	46.776	ug/l	99
78) n-propylbenzene	12.59	91	671008	46.910	ug/l	100
79) 2-Chlorotoluene	12.67	91	389833	46.363	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	490189	47.710	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.29	75	67335	51.457	ug/l #	62
82) 4-Chlorotoluene	12.77	91	409364	46.210	ug/l	99
83) tert-Butylbenzene	12.99	119	413066	46.435	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	485233	46.790	ug/l	100
85) sec-Butylbenzene	13.17	105	561202	47.112	ug/l	100
86) p-Isopropyltoluene	13.28	119	513639	46.587	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	249555	48.547	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	249120	48.735	ug/l	100
89) n-Butylbenzene	13.61	91	467176	46.159	ug/l	99
90) Hexachloroethane	13.87	117	75547	47.339	ug/l	98
91) 1,2-Dichlorobenzene	13.65	146	240195	45.826	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.26	75	35223	46.891	ug/l	99

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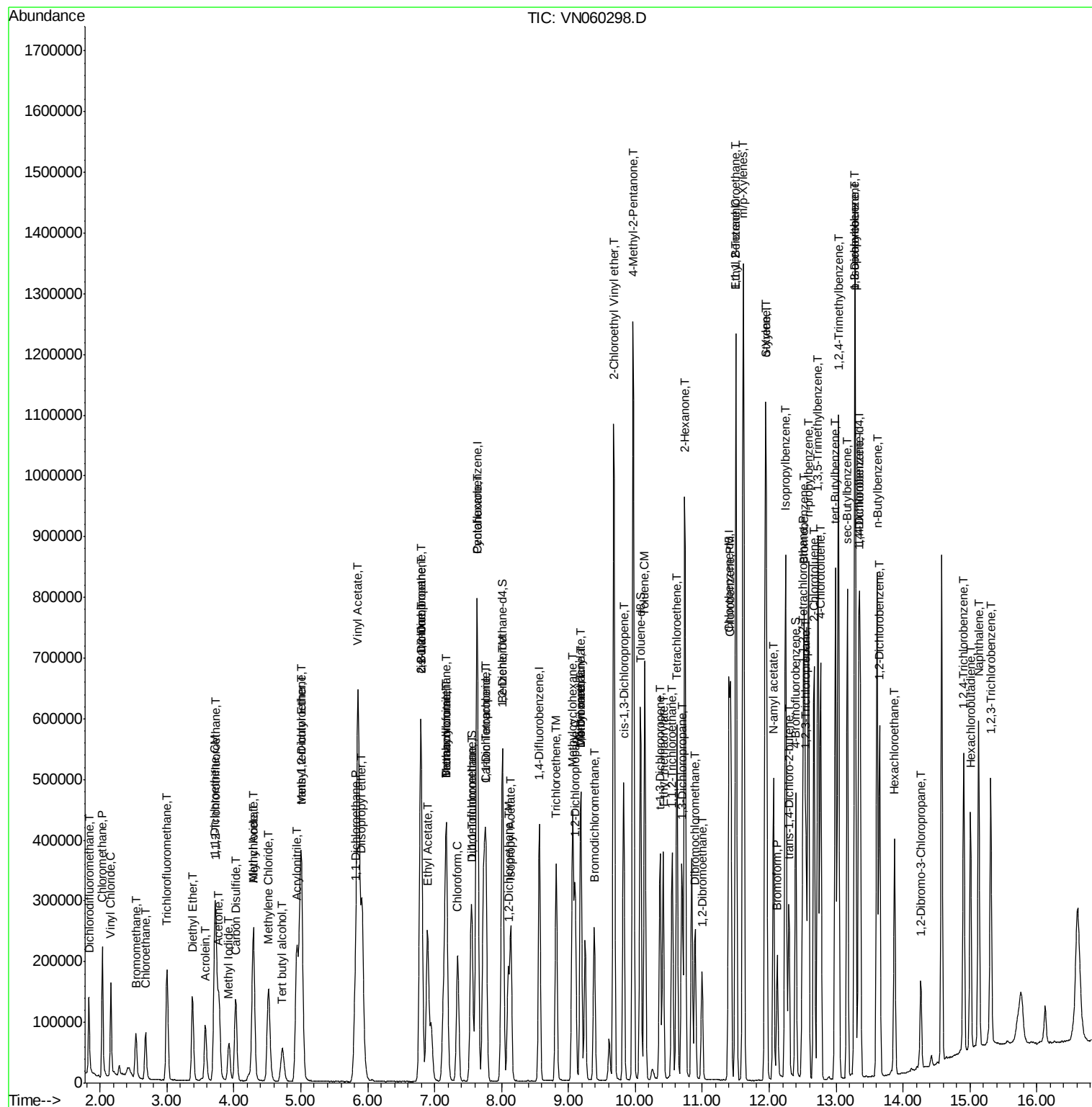
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.90	180	156481	46.989	ug/l	99
94) Hexachlorobutadiene	15.01	225	76392	49.896	ug/l	100
95) Naphthalene	15.13	128	457101	46.577	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	147214	46.923	ug/l	99

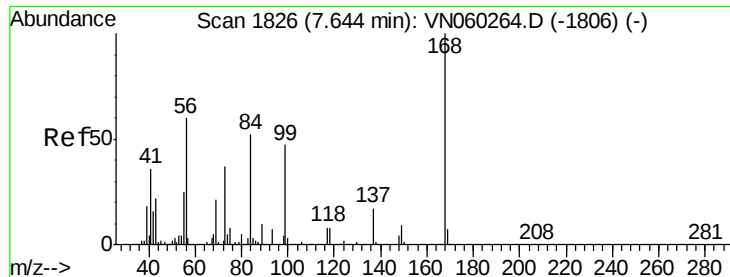
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN030220\
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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: VN060298.D

Acq: 2 Mar 2020 9:29

Instrument :

MSVOA_N

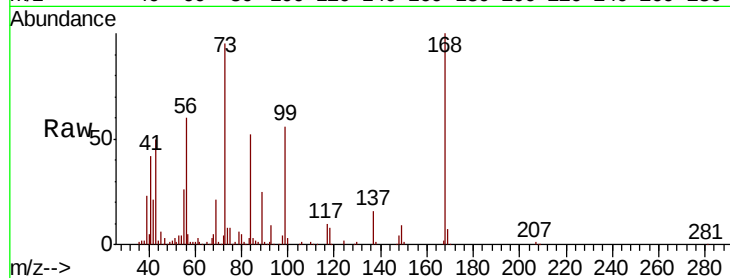
ClientSampleId :

Tot Ion:168 Resp: 227320

Ion Ratio Lower Upper

168 100

99 55.7 44.7 67.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.64

100000

80000

60000

40000

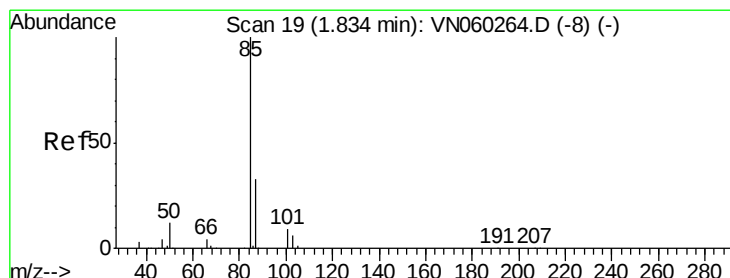
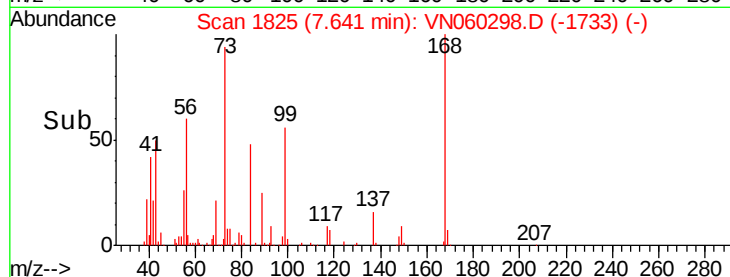
20000

0

7.60

7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 46.507 ug/l

RT: 1.83 min Scan# 19

Delta R.T. 0.00 min

Lab File: VN060298.D

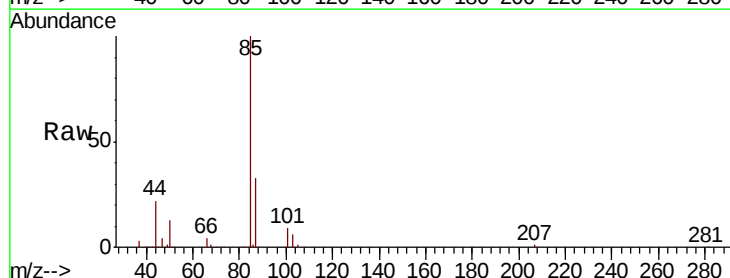
Acq: 2 Mar 2020 9:29

Tgt Ion: 85 Resp: 96929

Ion Ratio Lower Upper

85 100

87 33.4 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

80000

60000

40000

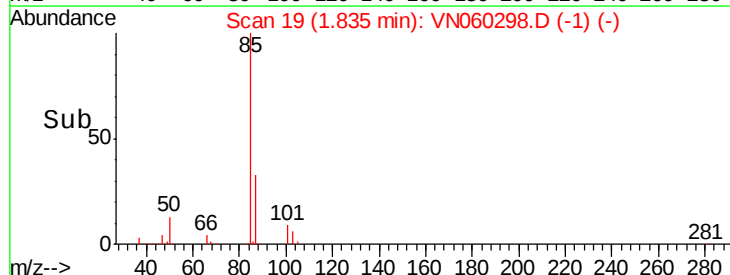
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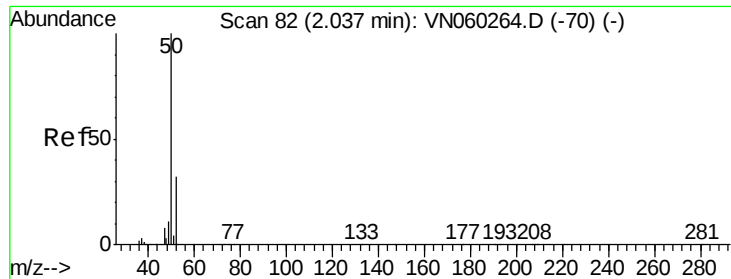
0

1.80

1.85

Time-->





#3

Chloromethane

Concen: 45.331 ug/l

RT: 2.04 min Scan# 82

Delta R.T. 0.00 min

Lab File: VN060298.D

Acq: 2 Mar 2020 9:29

Instrument :

MSVOA_N

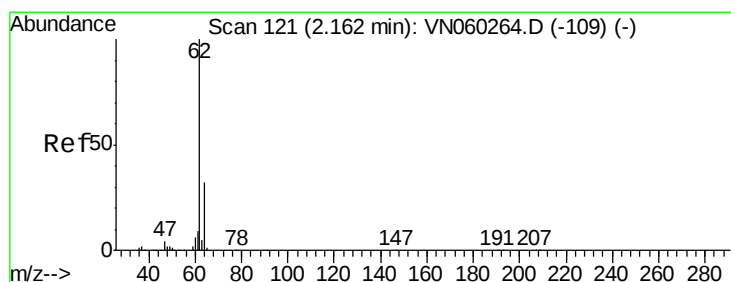
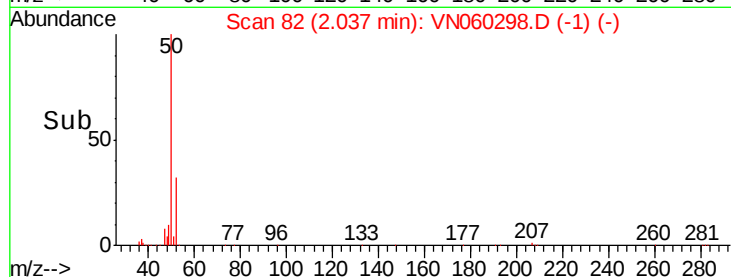
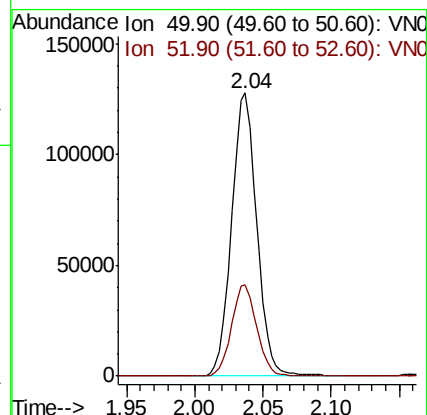
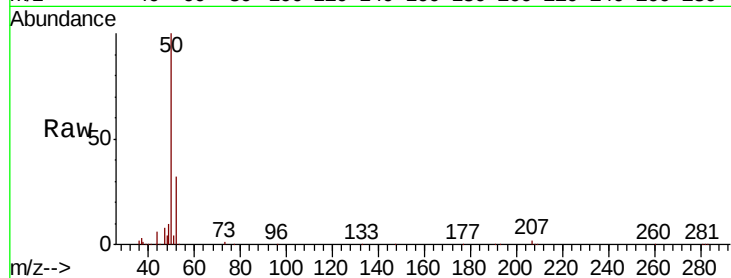
ClientSampled :

Tot Ion: 50 Resp: 164488

Ion Ratio Lower Upper

50 100

52 32.2 25.6 38.4



#4

Vinyl Chloride

Concen: 43.556 ug/l

RT: 2.16 min Scan# 121

Delta R.T. 0.00 min

Lab File: VN060298.D

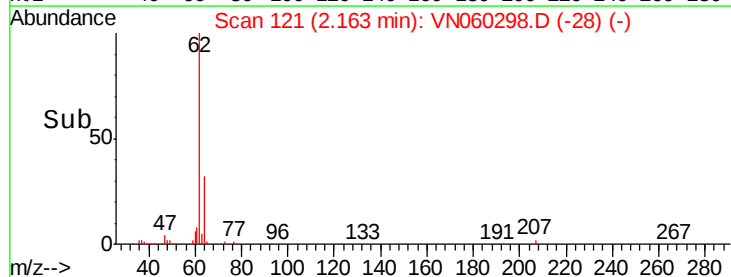
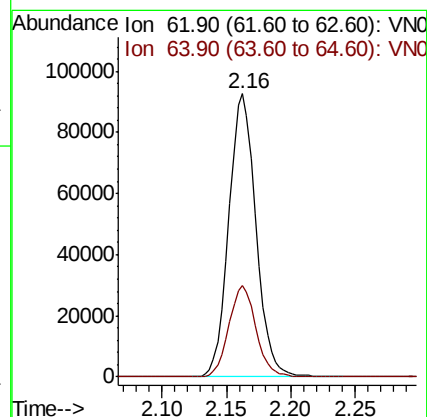
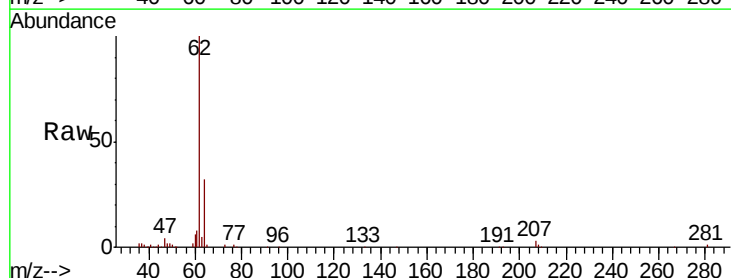
Acq: 2 Mar 2020 9:29

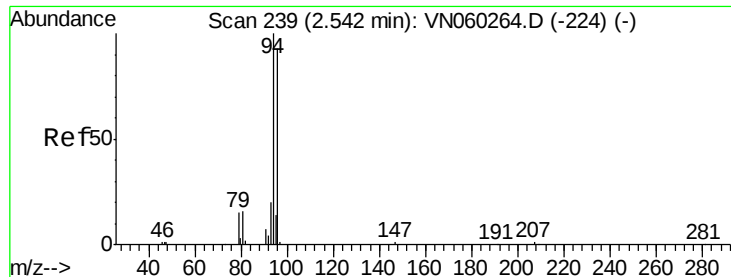
Tgt Ion: 62 Resp: 135545

Ion Ratio Lower Upper

62 100

64 32.1 25.5 38.3





#5

Bromomethane

Concen: 44.053 ug/l

RT: 2.54 min Scan# 237

Delta R.T. -0.01 min

Lab File: VN060298.D

Acq: 2 Mar 2020 9:29

Instrument :

MSVOA_N

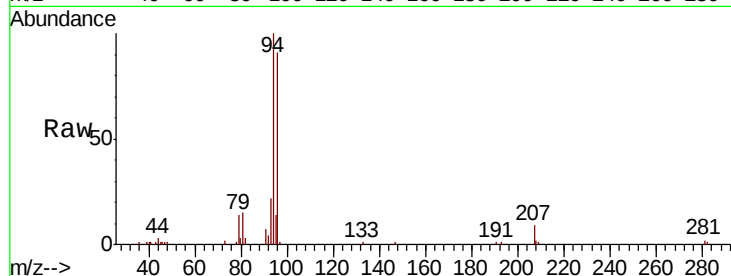
ClientSampleId :

Tot Ion: 94 Resp: 55540

Ion Ratio Lower Upper

94 100

96 90.2 74.3 111.5



Abundance Ion 93.90 (93.60 to 94.60): VN060264.D (-224) (-)

Ion 95.90 (95.60 to 96.60): VN060264.D (-224) (-)

2.54

25000

20000

15000

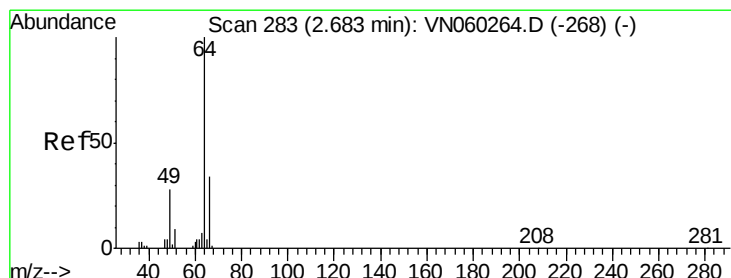
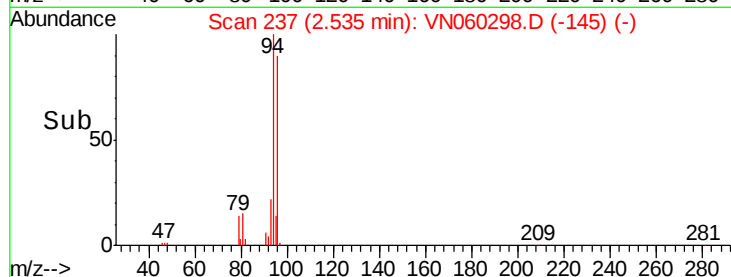
10000

5000

0

2.45 2.50 2.55 2.60 2.65

Time-->



#6

Chloroethane

Concen: 44.940 ug/l

RT: 2.68 min Scan# 282

Delta R.T. -0.00 min

Lab File: VN060298.D

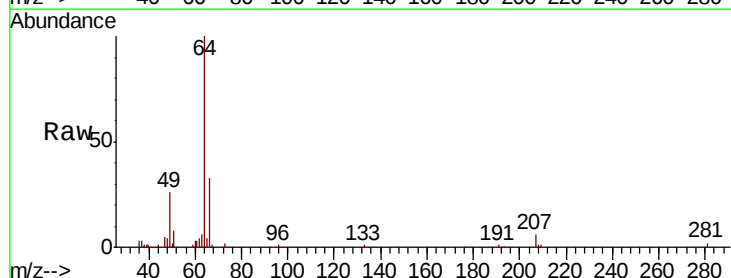
Acq: 2 Mar 2020 9:29

Tgt Ion: 64 Resp: 75772

Ion Ratio Lower Upper

64 100

66 32.5 27.4 41.2



Abundance Ion 63.90 (63.60 to 64.60): VN060264.D (-268) (-)

Ion 65.90 (65.60 to 66.60): VN060264.D (-268) (-)

2.68

40000

30000

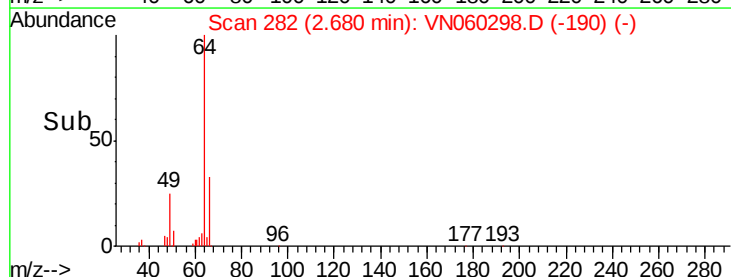
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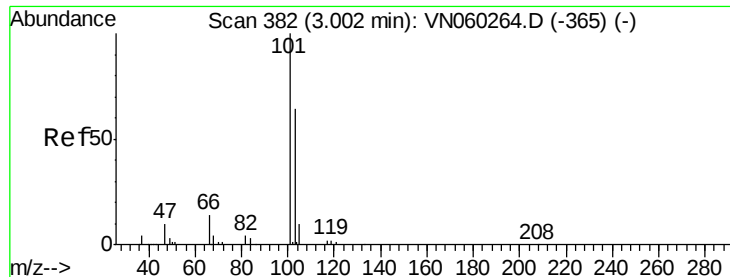
10000

0

2.60 2.65 2.70 2.75 2.80

Time-->



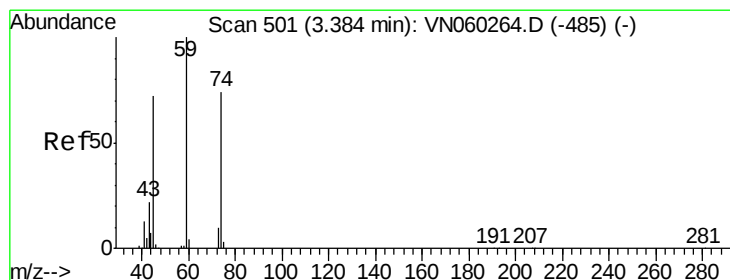
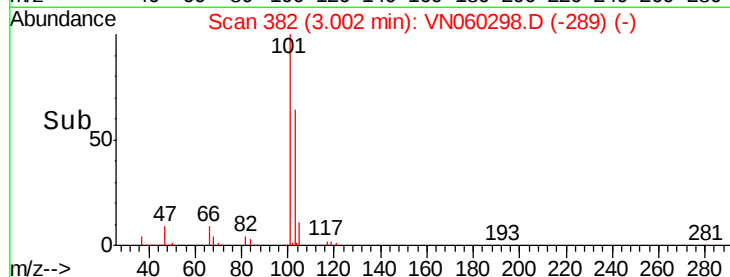
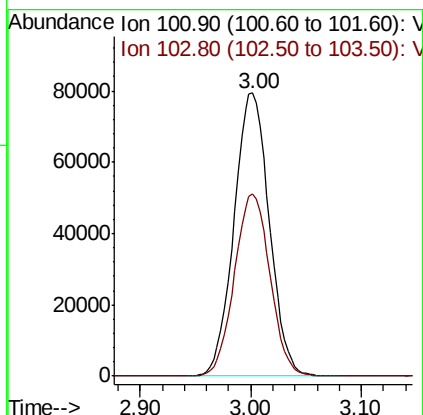
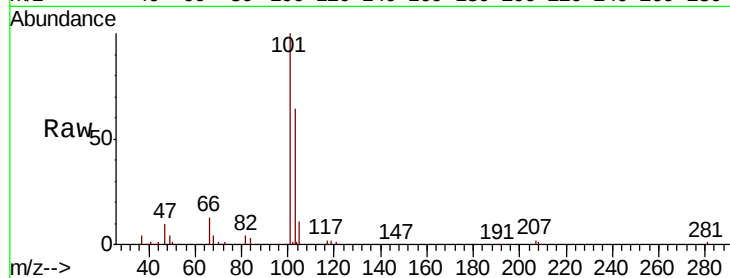


#7

Trichlorofluoromethane
Concen: 44.296 ug/l
RT: 3.00 min Scan# 382
Delta R.T. 0.00 min
Lab File: VN060298.D
Acq: 2 Mar 2020 9:29

Instrument :
MSVOA_N
ClientSampleId :

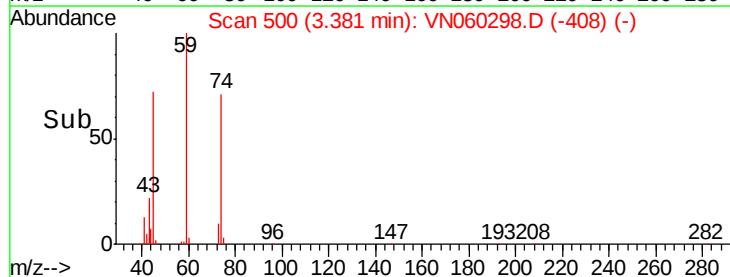
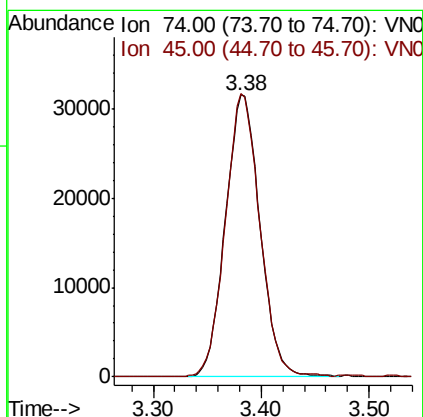
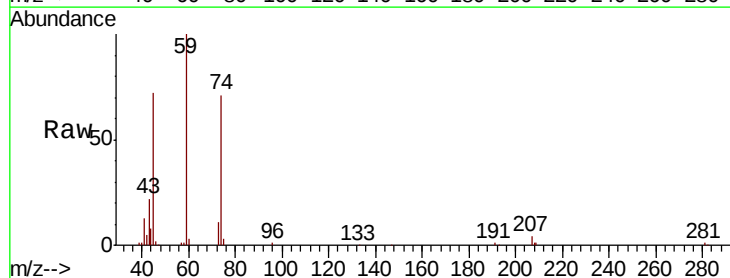
Tot Ion:101 Resp: 176120
Ion Ratio Lower Upper
101 100
103 64.3 51.3 76.9



#8

Diethyl Ether
Concen: 46.980 ug/l
RT: 3.38 min Scan# 500
Delta R.T. -0.00 min
Lab File: VN060298.D
Acq: 2 Mar 2020 9:29

Tgt Ion: 74 Resp: 70526
Ion Ratio Lower Upper
74 100
45 100.1 49.5 148.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 45.430 ug/l

RT: 3.73 min Scan# 610

Delta R.T. -0.00 min

Lab File: VN060298.D

Acq: 2 Mar 2020 9:29

Instrument :

MSVOA_N

ClientSampleId :

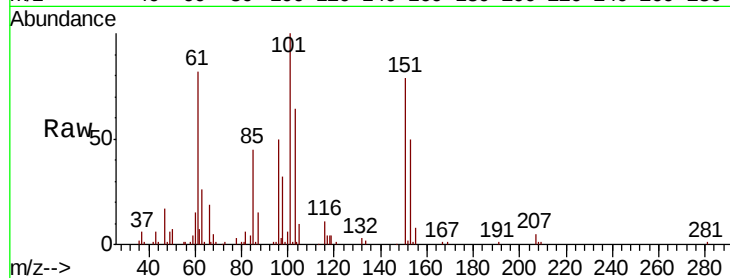
Tot Ion:101 Resp: 102225

Ion Ratio Lower Upper

101 100

85 45.0 35.4 53.2

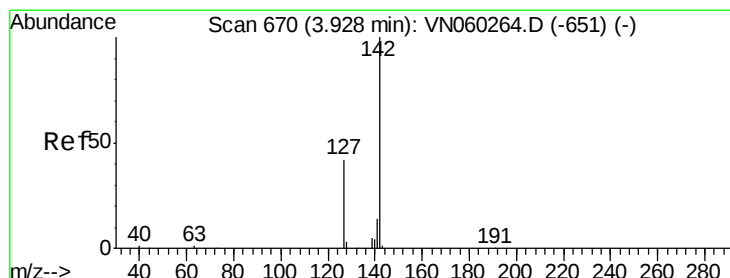
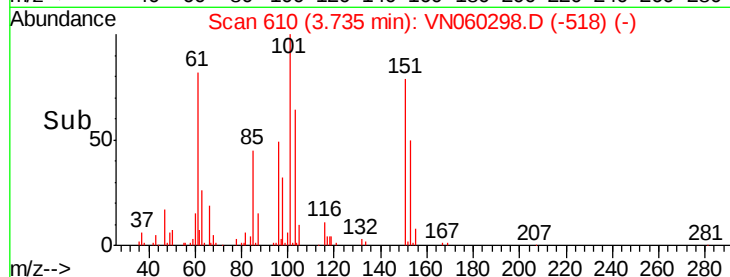
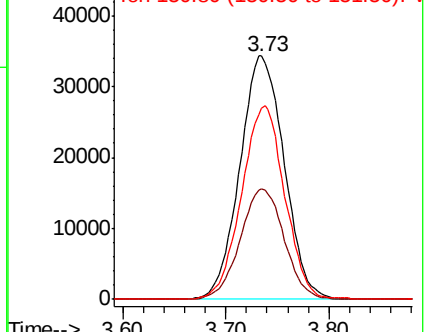
151 77.4 62.0 93.0



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 48.687 ug/l

RT: 3.93 min Scan# 670

Delta R.T. 0.00 min

Lab File: VN060298.D

Acq: 2 Mar 2020 9:29

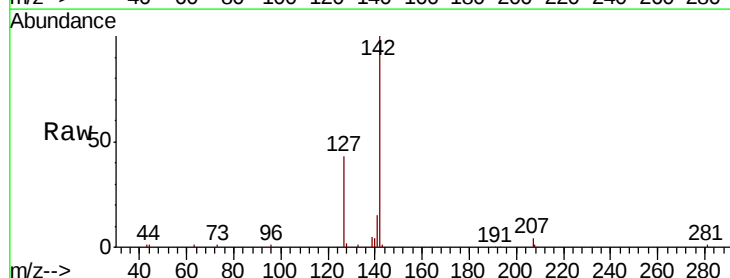
Tgt Ion:142 Resp: 99984

Ion Ratio Lower Upper

142 100

127 42.9 33.8 50.6

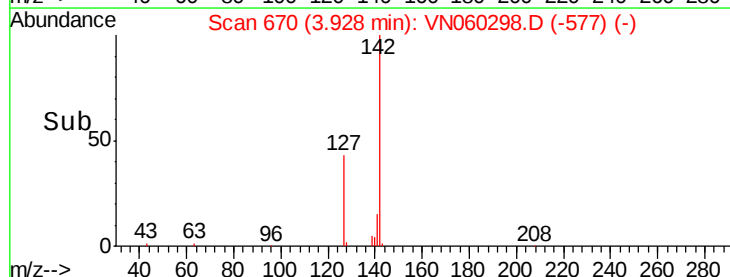
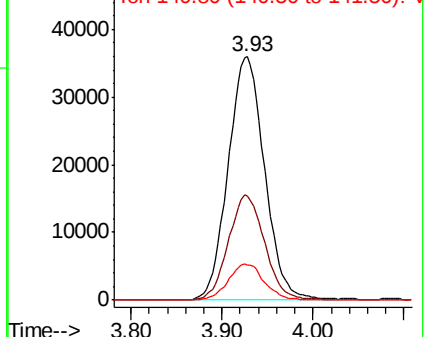
141 14.4 11.1 16.7

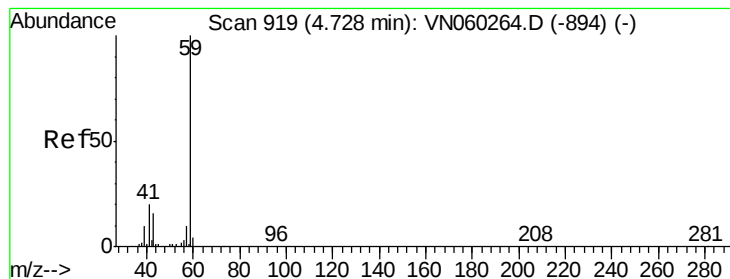


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



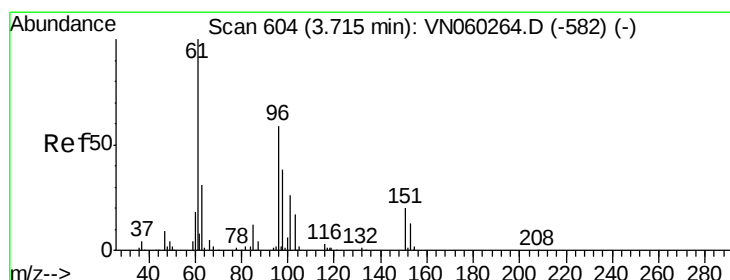
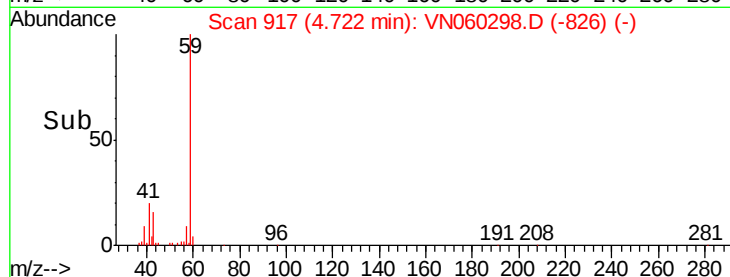
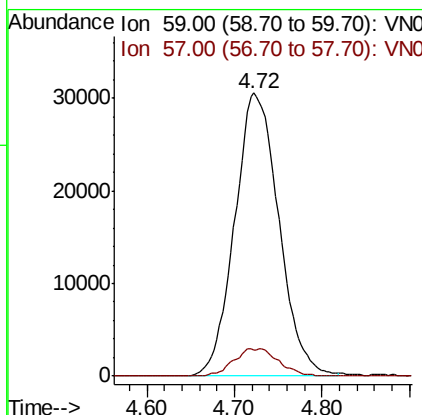
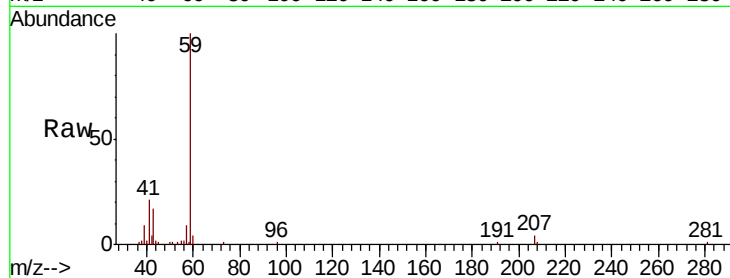


#11

Tert butyl alcohol
 Concen: 247.025 ug/l
 RT: 4.72 min Scan# 917
 Delta R.T. -0.01 min
 Lab File: VN060298.D
 Acq: 2 Mar 2020 9:29

Instrument :
 MSVOA_N
 ClientSampleId :

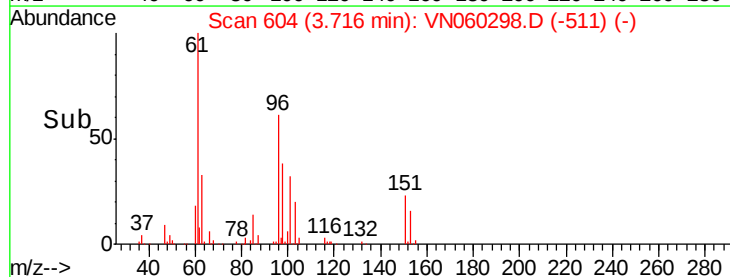
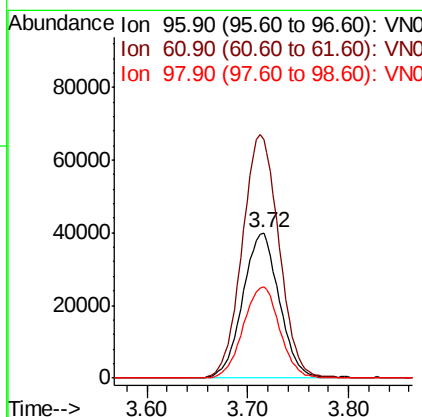
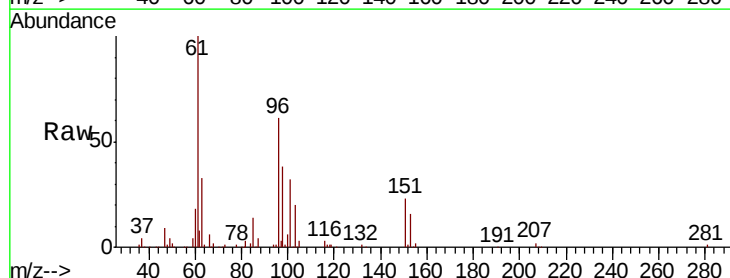
Tot Ion: 59 Resp: 106979
 Ion Ratio Lower Upper
 59 100
 57 4.6 8.2 12.2#



#12

1,1-Dichloroethene
 Concen: 45.942 ug/l
 RT: 3.72 min Scan# 604
 Delta R.T. 0.00 min
 Lab File: VN060298.D
 Acq: 2 Mar 2020 9:29

Tgt Ion: 96 Resp: 100347
 Ion Ratio Lower Upper
 96 100
 61 164.4 135.4 203.0
 98 62.5 51.6 77.4





#13

Acrolein

Concen: 256.646 ug/l

RT: 3.57 min Scan# 560

Delta R.T. -0.00 min

Lab File: VN060298.D

Acq: 2 Mar 2020 9:29

Instrument :

MSVOA_N

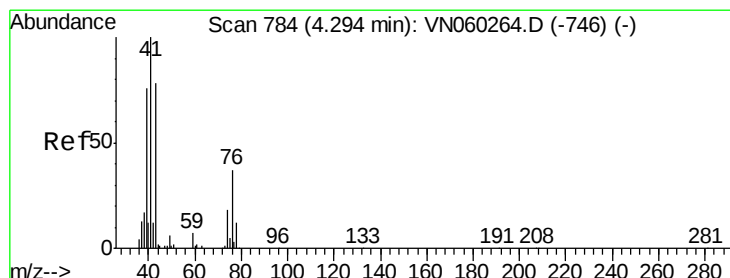
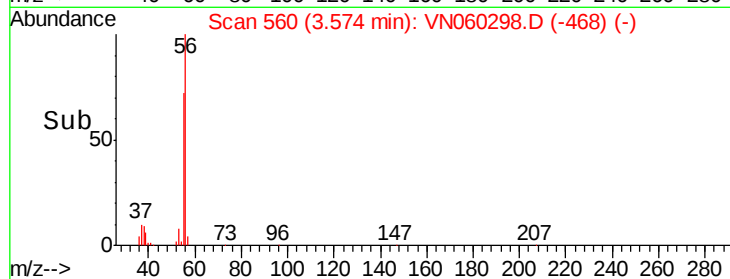
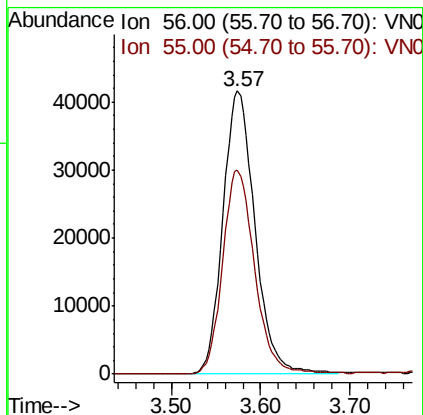
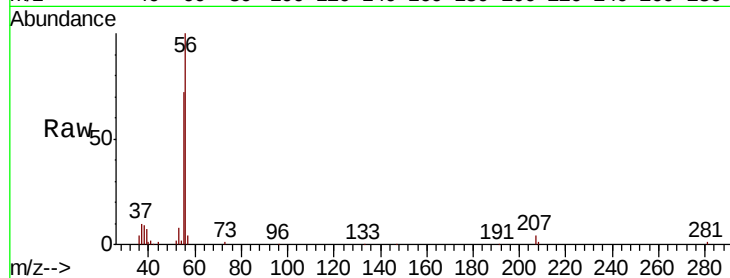
ClientSampleId :

Tot Ion: 56 Resp: 103689

Ion Ratio Lower Upper

56 100

55 71.9 57.4 86.0



#14

Allyl chloride

Concen: 43.433 ug/l

RT: 4.29 min Scan# 783

Delta R.T. -0.00 min

Lab File: VN060298.D

Acq: 2 Mar 2020 9:29

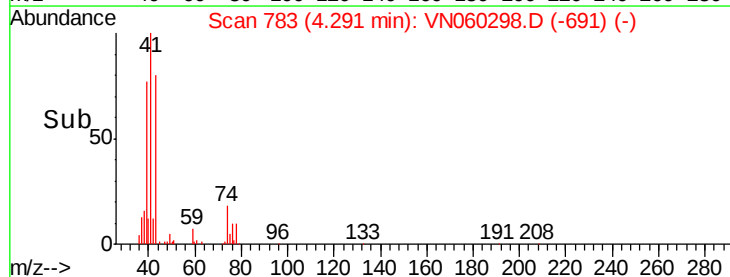
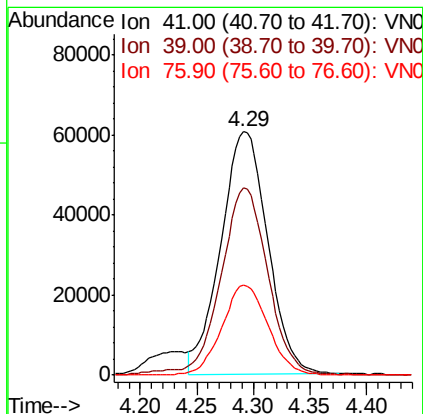
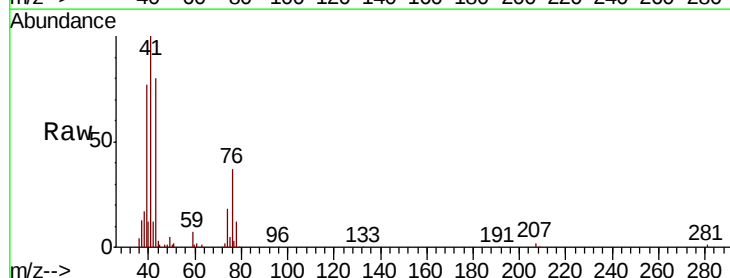
Tgt Ion: 41 Resp: 174891

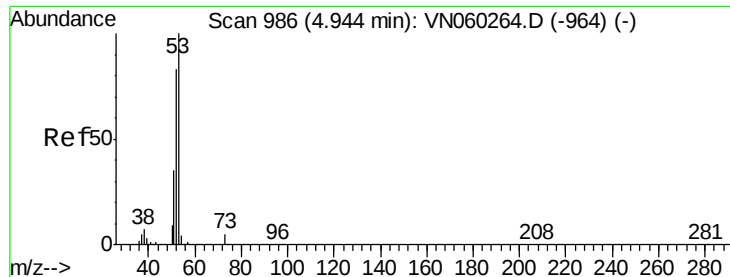
Ion Ratio Lower Upper

41 100

39 77.9 55.4 83.2

76 36.5 27.0 40.6





#15

Acrylonitrile

Concen: 251.818 ug/l

RT: 4.94 min Scan# 985

Delta R.T. -0.00 min

Lab File: VN060298.D

Acq: 2 Mar 2020 9:29

Instrument :

MSVOA_N

ClientSampleId :

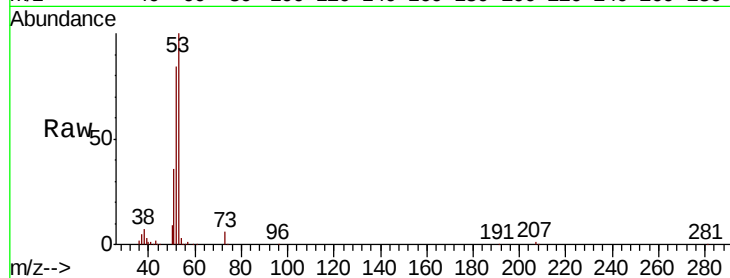
Tot Ion: 53 Resp: 287448

Ion Ratio Lower Upper

53 100

52 83.5 66.8 100.2

51 36.7 29.0 43.6

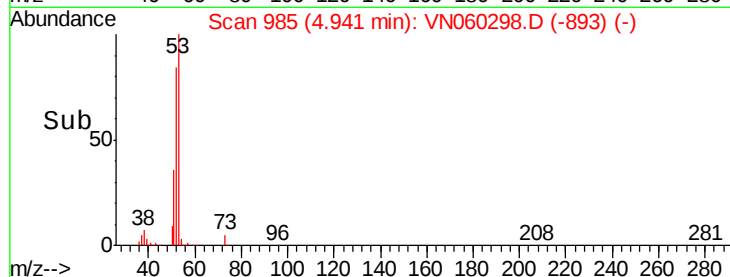


Abundance Ion 53.00 (52.70 to 53.70): VN060264.D (-964) (-)

Ion 52.00 (51.70 to 52.70): VN060264.D (-964) (-)

Ion 51.00 (50.70 to 51.70): VN060264.D (-964) (-)

4.94



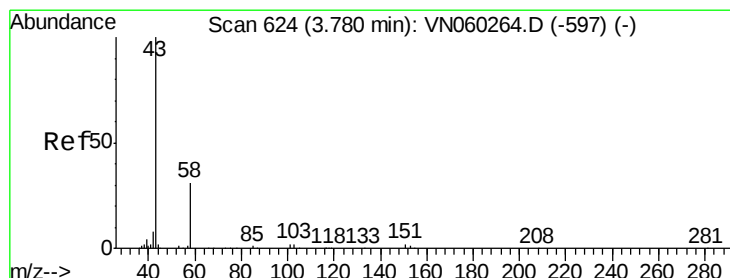
Abundance Ion 53.00 (52.70 to 53.70): VN060298.D (-893) (-)

Ion 52.00 (51.70 to 52.70): VN060298.D (-893) (-)

Ion 51.00 (50.70 to 51.70): VN060298.D (-893) (-)

4.94

Time-->



#16

Acetone

Concen: 226.832 ug/l

RT: 3.78 min Scan# 624

Delta R.T. 0.00 min

Lab File: VN060298.D

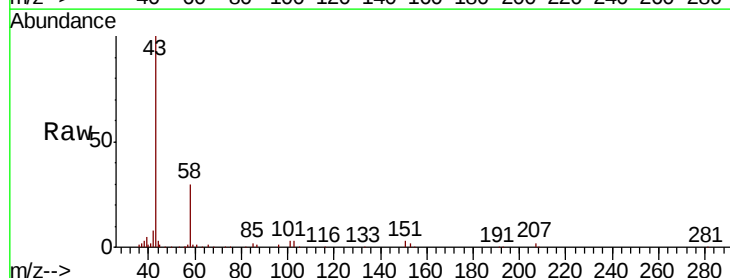
Acq: 2 Mar 2020 9:29

Tgt Ion: 43 Resp: 213640

Ion Ratio Lower Upper

43 100

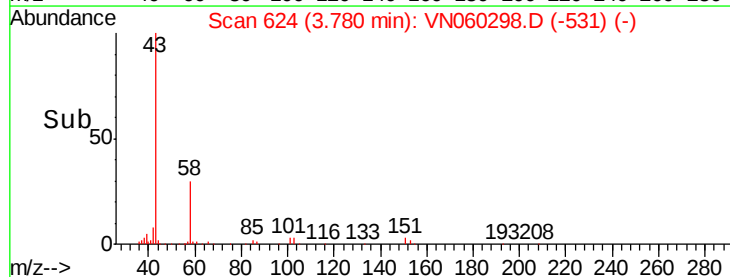
58 29.9 24.6 36.8



Abundance Ion 43.00 (42.70 to 43.70): VN060264.D (-597) (-)

Ion 58.00 (57.70 to 58.70): VN060264.D (-597) (-)

3.78



Abundance Ion 43.00 (42.70 to 43.70): VN060298.D (-531) (-)

Ion 58.00 (57.70 to 58.70): VN060298.D (-531) (-)

3.78

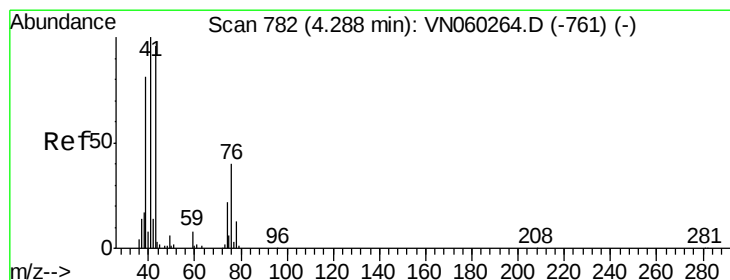
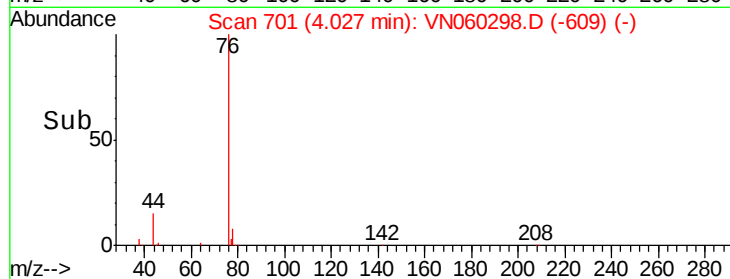
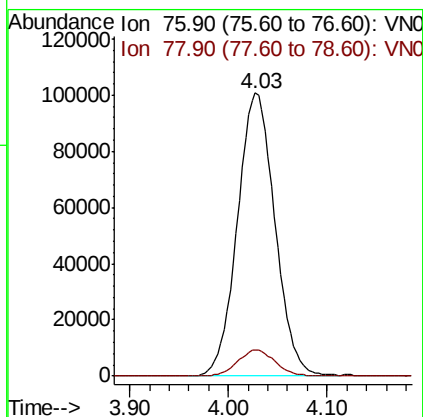
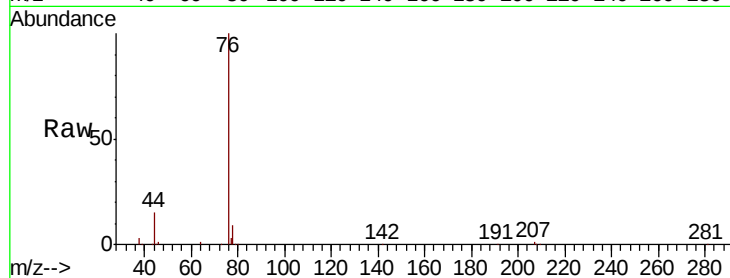
Time-->



#17
Carbon Disulfide
Concen: 45.751 ug/l
RT: 4.03 min Scan# 701
Delta R.T. -0.00 min
Lab File: VN060298.D
Acq: 2 Mar 2020 9:29

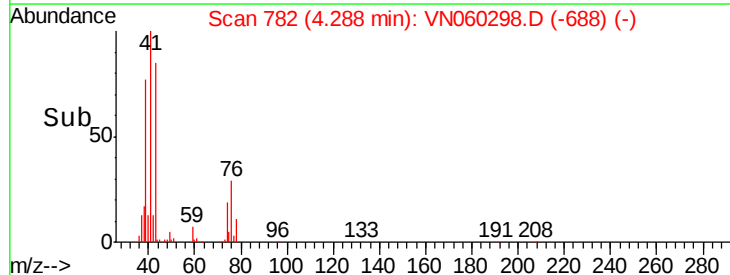
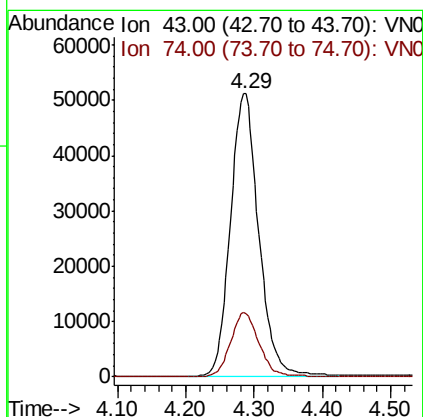
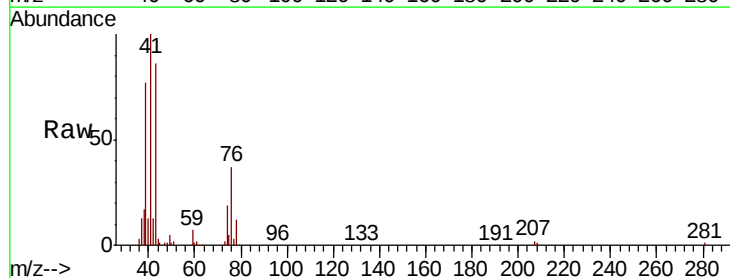
Instrument :
MSVOA_N
ClientSampled :

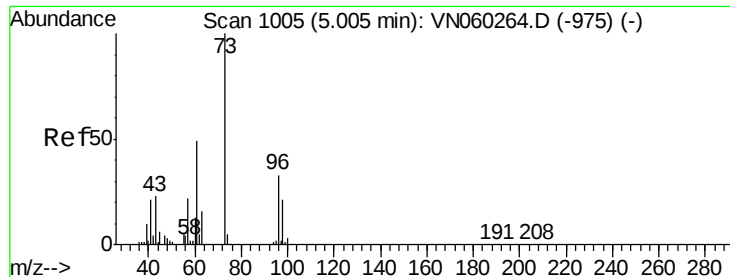
Tot Ion: 76 Resp: 265499
Ion Ratio Lower Upper
76 100
78 9.3 7.4 11.0



#18
Methyl Acetate
Concen: 47.310 ug/l
RT: 4.29 min Scan# 782
Delta R.T. 0.00 min
Lab File: VN060298.D
Acq: 2 Mar 2020 9:29

Tgt Ion: 43 Resp: 148699
Ion Ratio Lower Upper
43 100
74 22.6 18.8 28.2



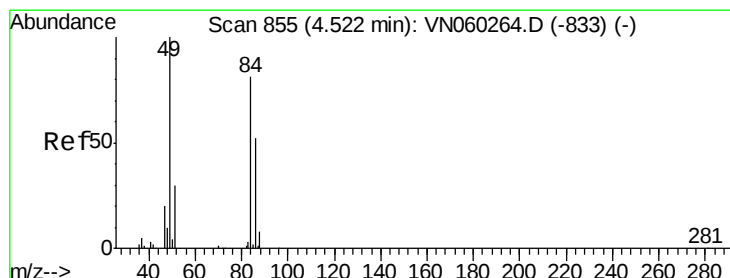
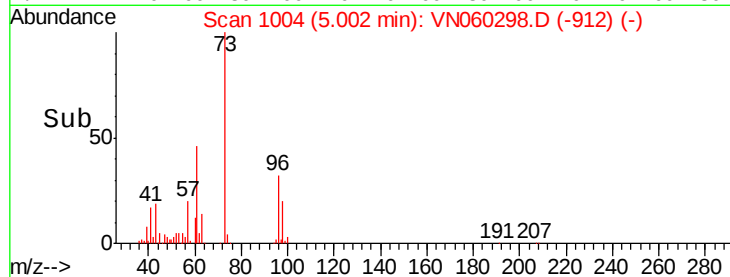
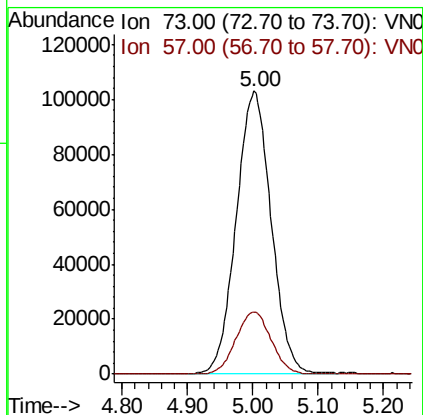
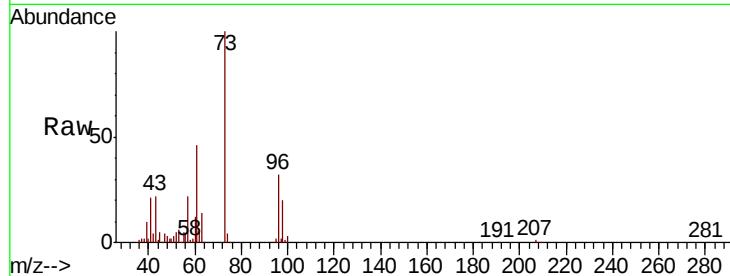


#19

Methyl tert-butyl Ether
 Concen: 47.856 ug/l
 RT: 5.00 min Scan# 1004
 Delta R.T. -0.00 min
 Lab File: VN060298.D
 Acq: 2 Mar 2020 9:29

Instrument :
 MSVOA_N
 ClientSampled :

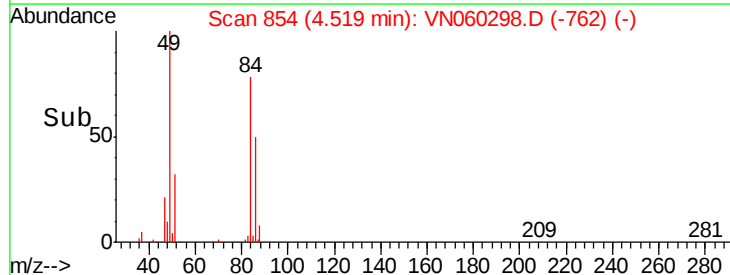
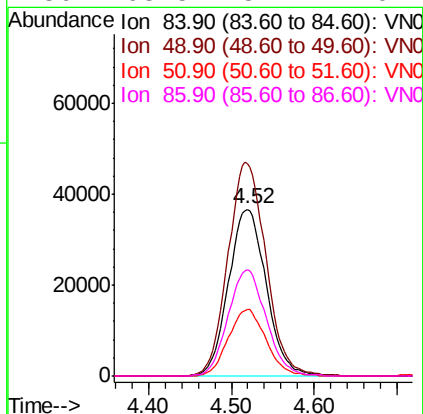
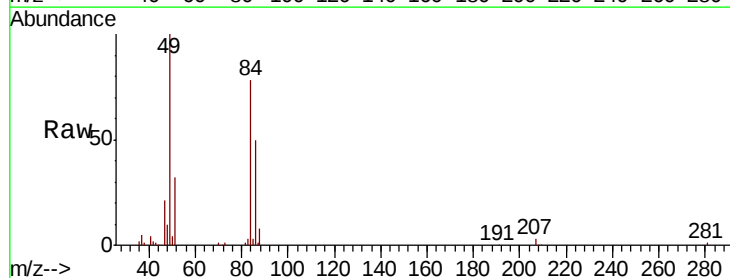
Tot Ion: 73 Resp: 379457
 Ion Ratio Lower Upper
 73 100
 57 22.1 17.3 25.9



#20

Methylene Chloride
 Concen: 44.948 ug/l
 RT: 4.52 min Scan# 854
 Delta R.T. -0.00 min
 Lab File: VN060298.D
 Acq: 2 Mar 2020 9:29

Tgt Ion: 84 Resp: 116262
 Ion Ratio Lower Upper
 84 100
 49 127.6 99.3 148.9
 51 40.4 30.1 45.1
 86 63.5 51.1 76.7

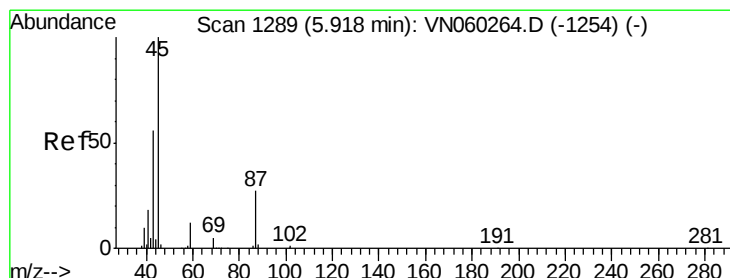
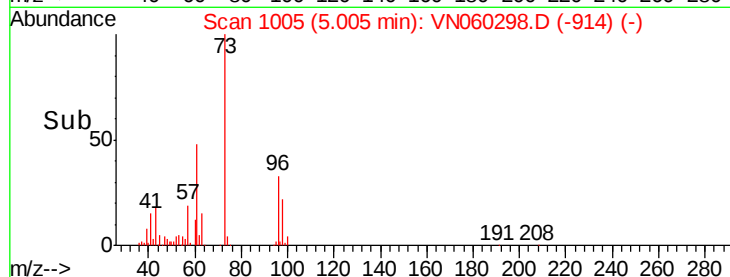
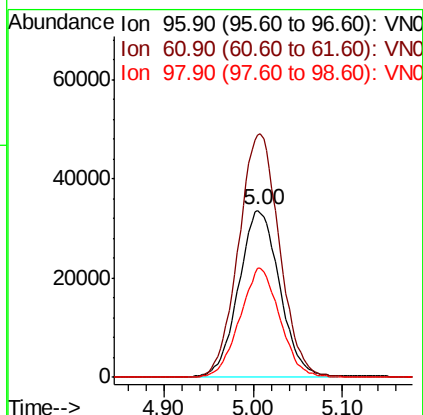
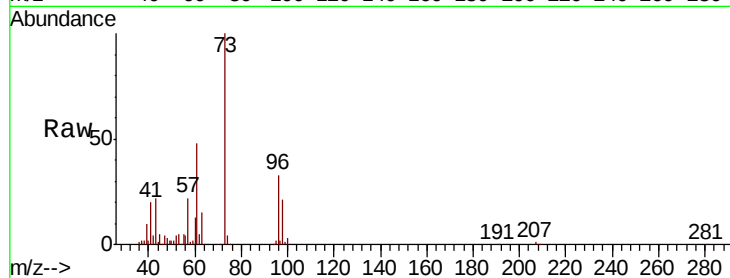




#21
trans-1,2-Dichloroethene
Concen: 45.213 ug/l
RT: 5.00 min Scan# 1005
Delta R.T. -0.01 min
Lab File: VN060298.D
Acq: 2 Mar 2020 9:29

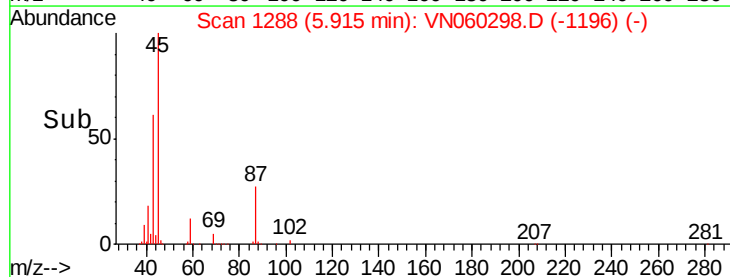
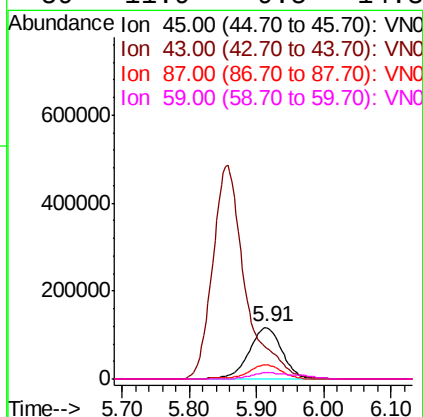
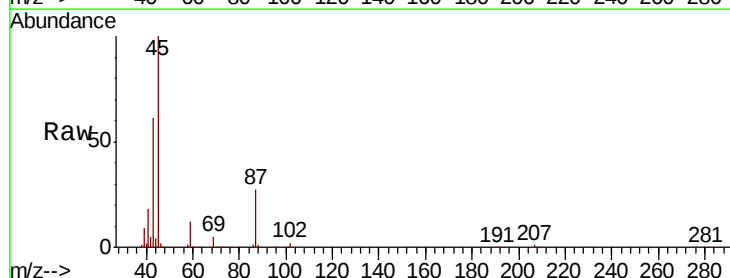
Instrument :
MSVOA_N
ClientSampleId :

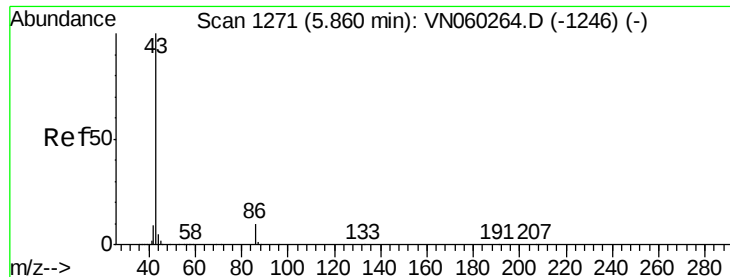
Tot Ion: 96 Resp: 106184
Ion Ratio Lower Upper
96 100
61 145.7 113.8 170.8
98 65.5 48.8 73.2



#22
Diisopropyl ether
Concen: 48.775 ug/l
RT: 5.91 min Scan# 1288
Delta R.T. -0.00 min
Lab File: VN060298.D
Acq: 2 Mar 2020 9:29

Tgt Ion: 45 Resp: 397832
Ion Ratio Lower Upper
45 100
43 59.8 48.6 72.8
87 27.2 22.2 33.2
59 11.9 9.5 14.3

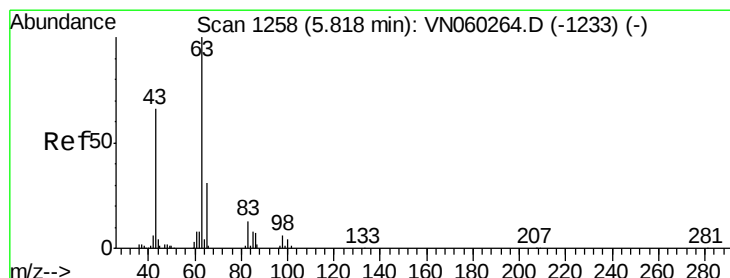
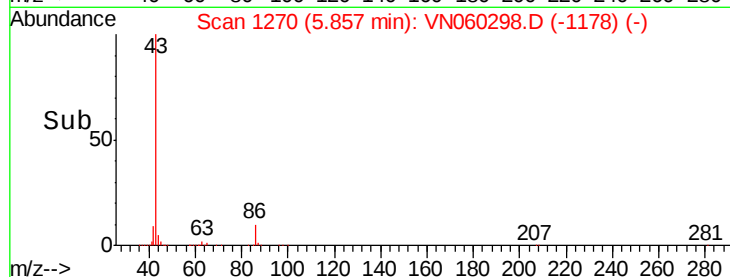
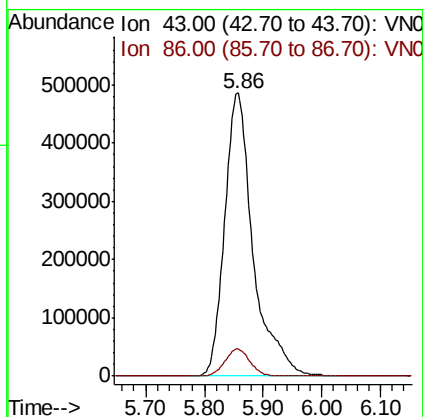
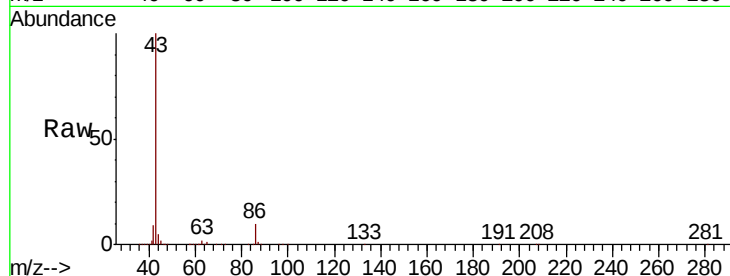




#23
 Vinyl Acetate
 Concen: 252.885 ug/l
 RT: 5.86 min Scan# 1270
 Delta R.T. -0.00 min
 Lab File: VN060298.D
 Acq: 2 Mar 2020 9:29

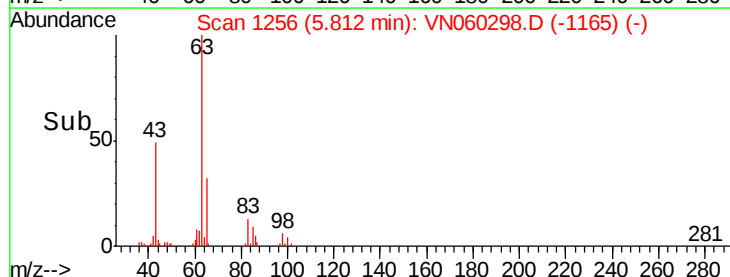
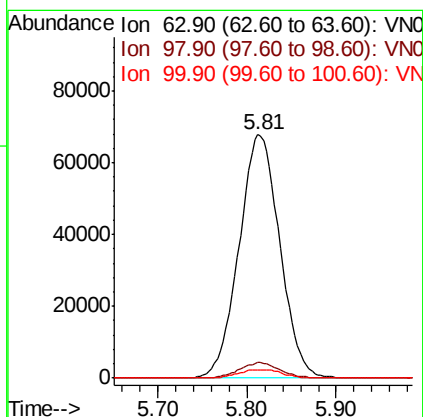
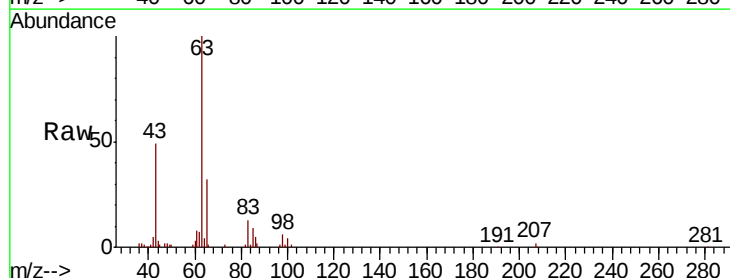
Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion: 43 Resp: 1639035
 Ion Ratio Lower Upper
 43 100
 86 9.7 8.0 12.0



#24
 1,1-Dichloroethane
 Concen: 46.687 ug/l
 RT: 5.81 min Scan# 1256
 Delta R.T. -0.01 min
 Lab File: VN060298.D
 Acq: 2 Mar 2020 9:29

Tgt Ion: 63 Resp: 215554
 Ion Ratio Lower Upper
 63 100
 98 6.4 3.0 9.0
 100 3.6 2.0 6.0





#25

2-Butanone

Concen: 248.770 ug/l

RT: 6.80 min Scan# 1562

Delta R.T. -0.00 min

Lab File: VN060298.D

Acq: 2 Mar 2020 9:29

Instrument :

MSVOA_N

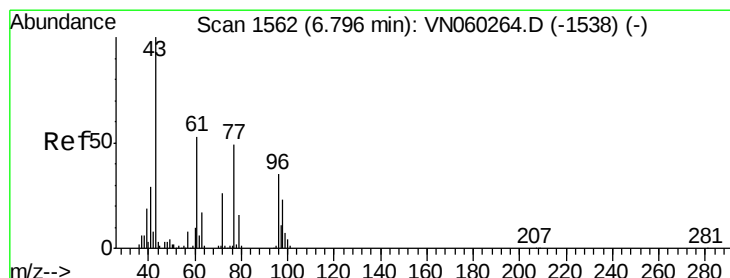
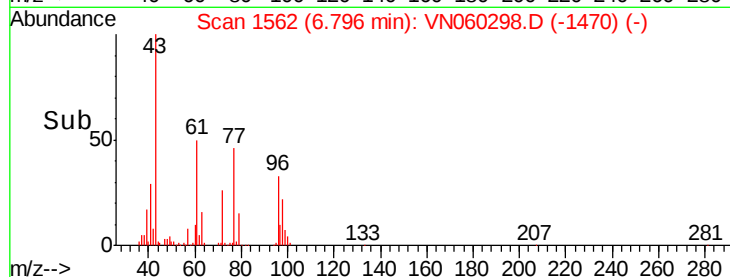
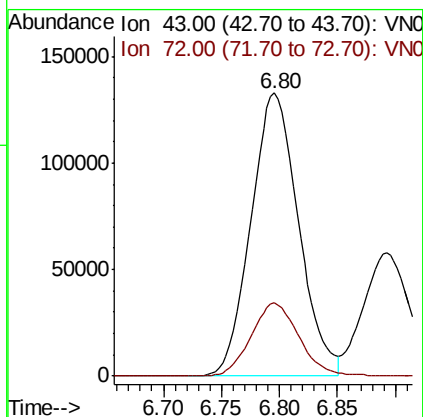
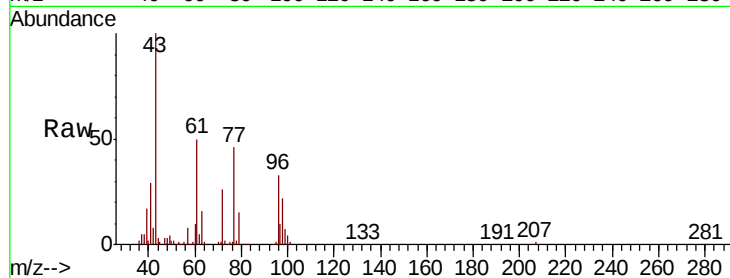
ClientSampled :

Tot Ion: 43 Resp: 378454

Ion Ratio Lower Upper

43 100

72 25.9 20.9 31.3



#26

2,2-Dichloropropane

Concen: 46.349 ug/l

RT: 6.79 min Scan# 1561

Delta R.T. -0.00 min

Lab File: VN060298.D

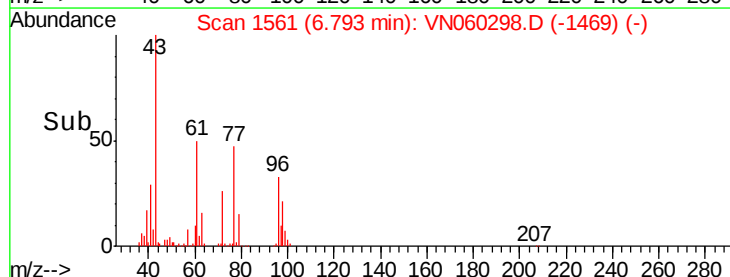
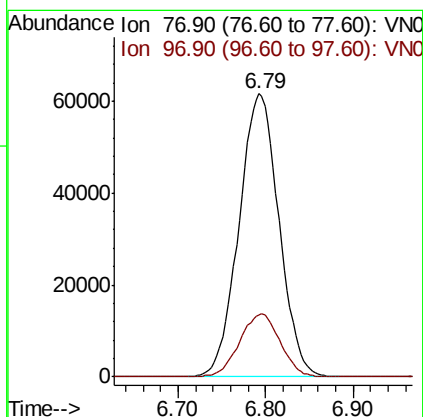
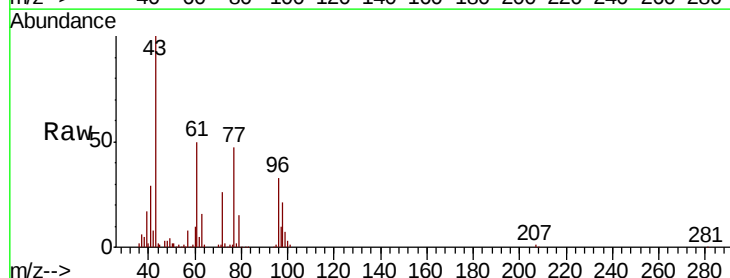
Acq: 2 Mar 2020 9:29

Tgt Ion: 77 Resp: 194817

Ion Ratio Lower Upper

77 100

97 22.6 11.2 33.6





#27

cis-1,2-Dichloroethene

Concen: 43.272 ug/l

RT: 6.80 min Scan# 1562

Delta R.T. -0.00 min

Lab File: VN060298.D

Acq: 2 Mar 2020 9:29

Instrument :
MSVOA_N
ClientSampled :

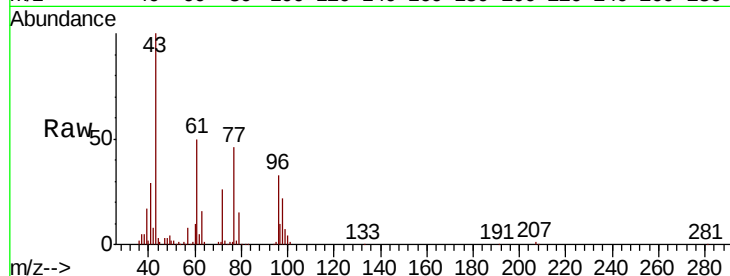
Tot Ion: 96 Resp: 129785

Ion Ratio Lower Upper

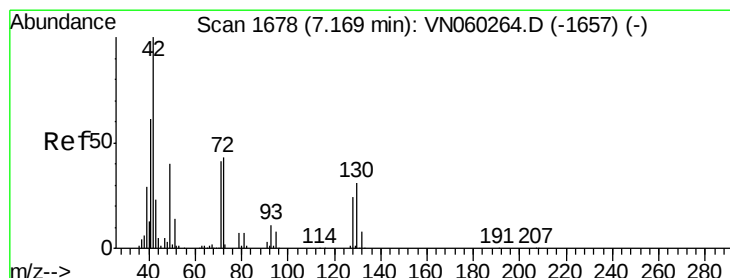
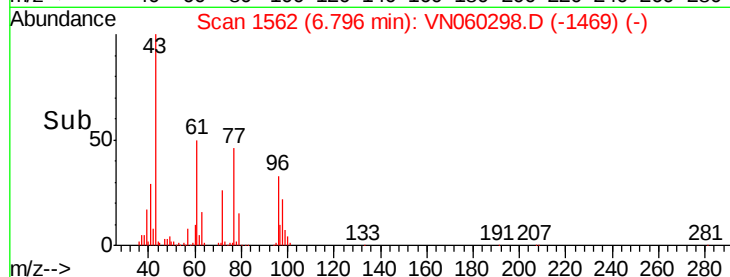
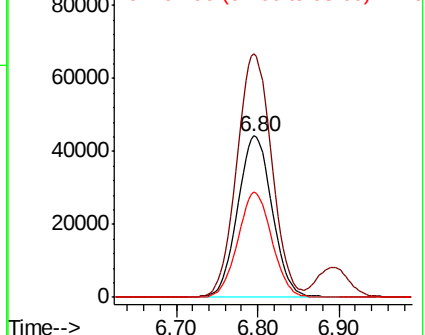
96 100

61 152.5 0.0 300.8

98 64.1 0.0 128.2



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



#28

Bromochloromethane

Concen: 46.718 ug/l

RT: 7.17 min Scan# 1677

Delta R.T. -0.00 min

Lab File: VN060298.D

Acq: 2 Mar 2020 9:29

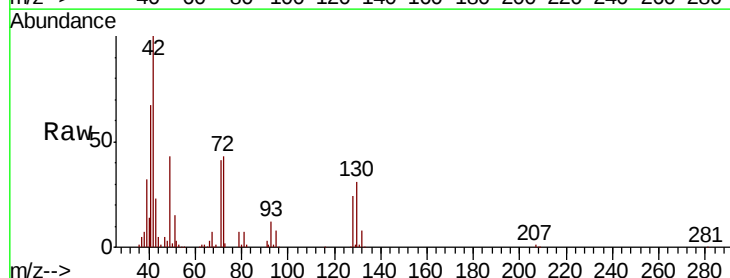
Tgt Ion: 49 Resp: 88561

Ion Ratio Lower Upper

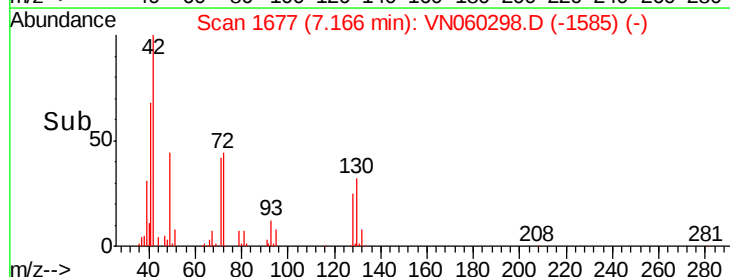
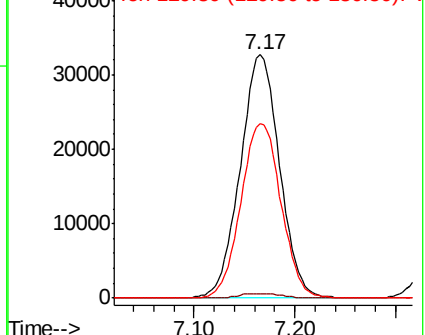
49 100

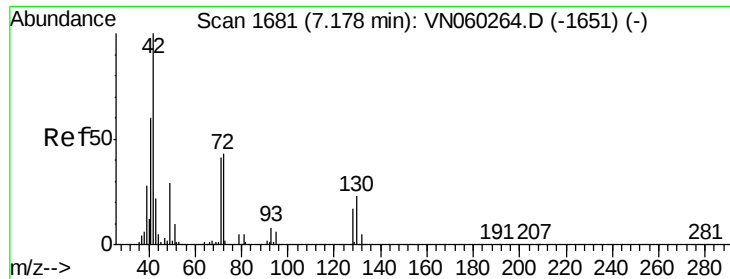
129 1.9 0.0 3.8

130 73.1 59.8 89.8



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

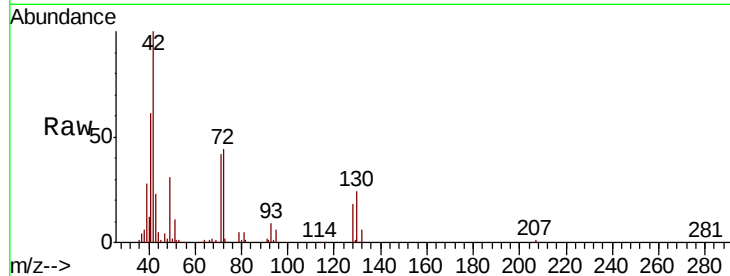




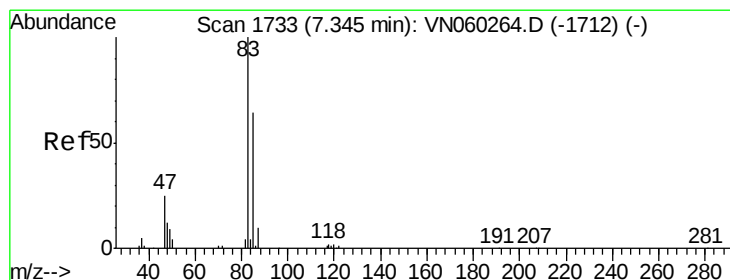
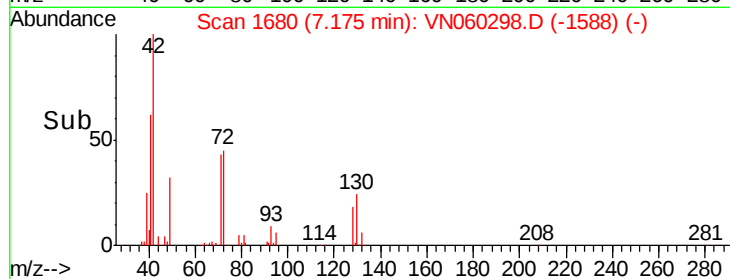
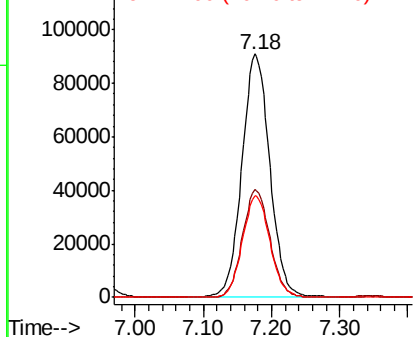
#29
Tetrahydrofuran
Concen: 244.573 ug/l
RT: 7.18 min Scan# 1680
Delta R.T. -0.00 min
Lab File: VN060298.D
Acq: 2 Mar 2020 9:29

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 42 Resp: 258728
Ion Ratio Lower Upper
42 100
72 43.4 34.6 52.0
71 41.2 32.9 49.3

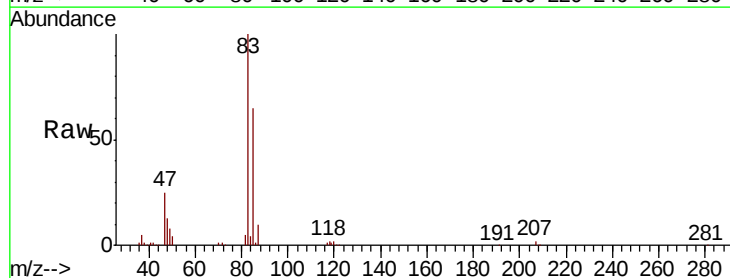


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

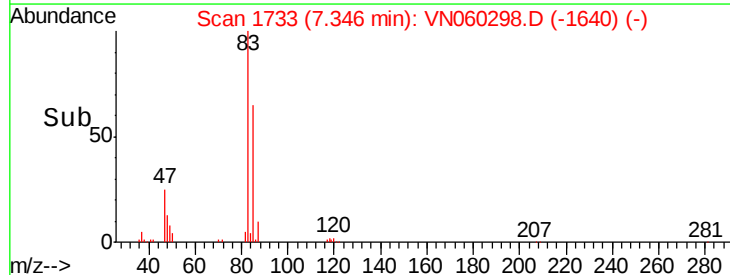
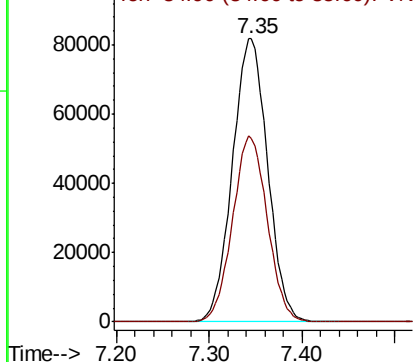


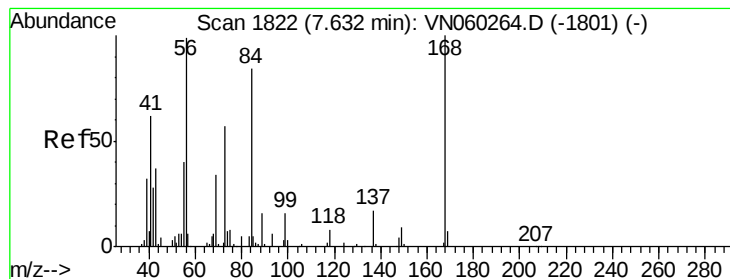
#30
Chloroform
Concen: 46.891 ug/l
RT: 7.35 min Scan# 1733
Delta R.T. 0.00 min
Lab File: VN060298.D
Acq: 2 Mar 2020 9:29

Tgt Ion: 83 Resp: 215518
Ion Ratio Lower Upper
83 100
85 65.0 51.4 77.2



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





#31

Cyclohexane

Concen: 47.668 ug/l

RT: 7.63 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VN060298.D

Acq: 2 Mar 2020 9:29

Instrument :
MSVOA_N
ClientSampleId :

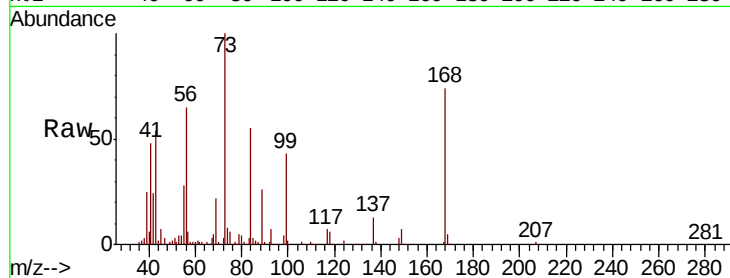
Tot Ion: 56 Resp: 188060

Ion Ratio Lower Upper

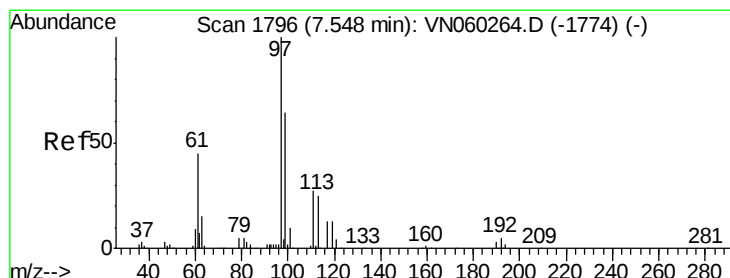
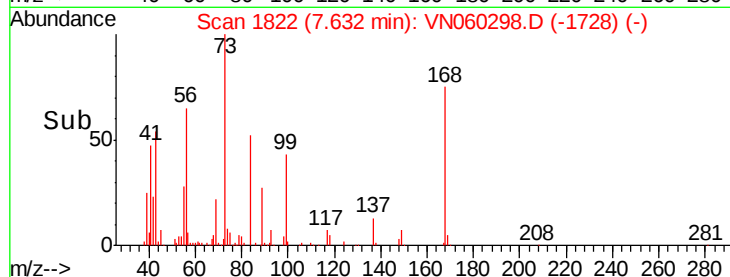
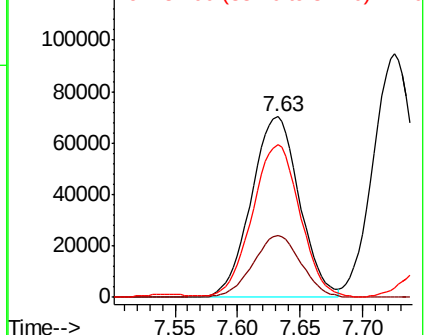
56 100

69 33.9 27.2 40.8

84 83.3 66.7 100.1



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: 46.007 ug/l

RT: 7.54 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VN060298.D

Acq: 2 Mar 2020 9:29

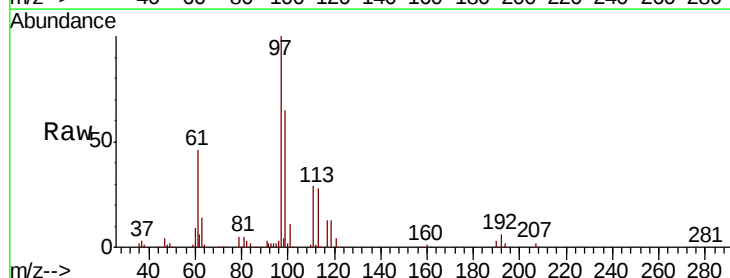
Tgt Ion: 97 Resp: 187351

Ion Ratio Lower Upper

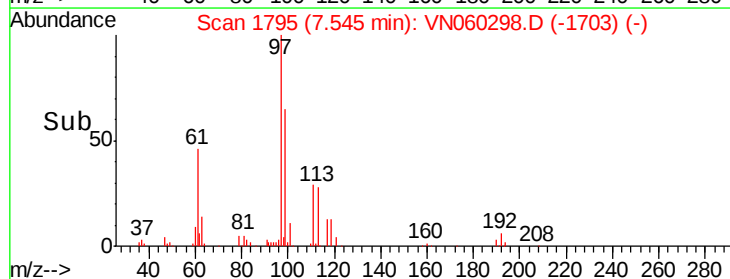
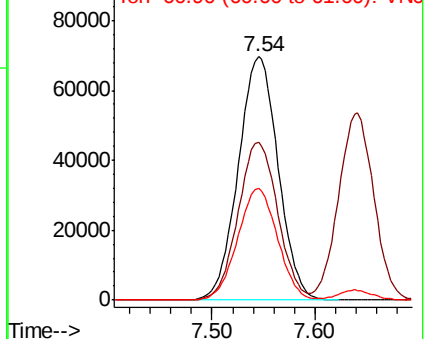
97 100

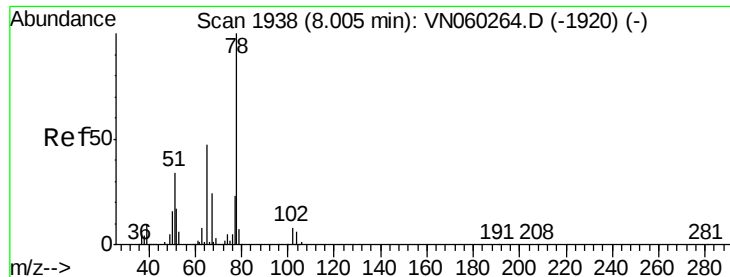
99 64.7 51.4 77.0

61 45.9 36.6 55.0



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

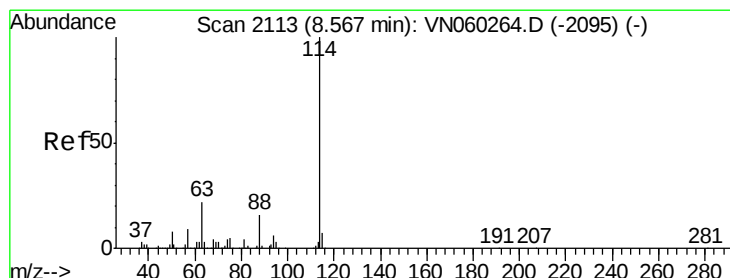
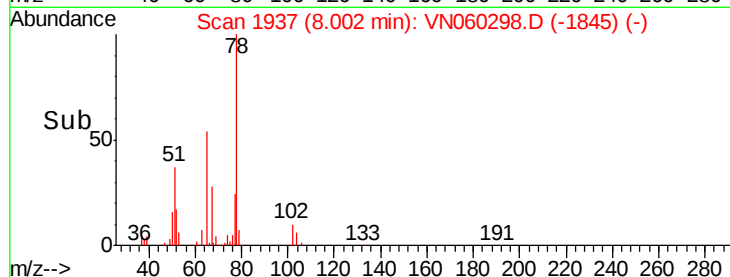
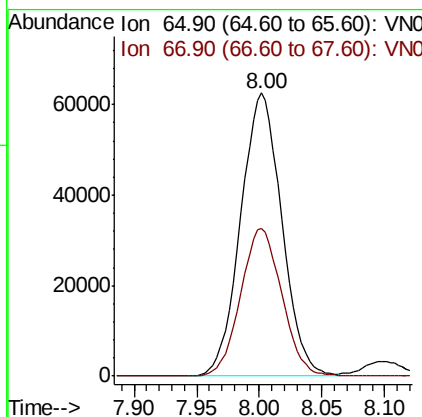
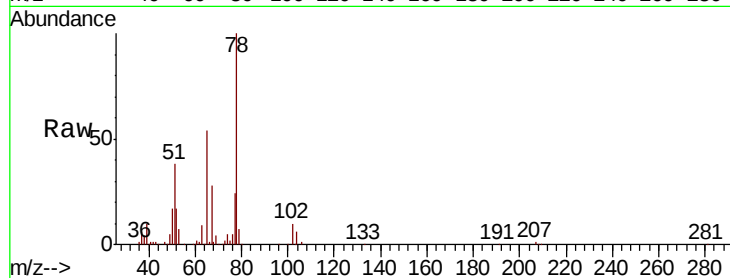




#33
 1,2-Dichloroethane-d4
 Concen: 49.012 ug/l
 RT: 8.00 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VN060298.D
 Acq: 2 Mar 2020 9:29

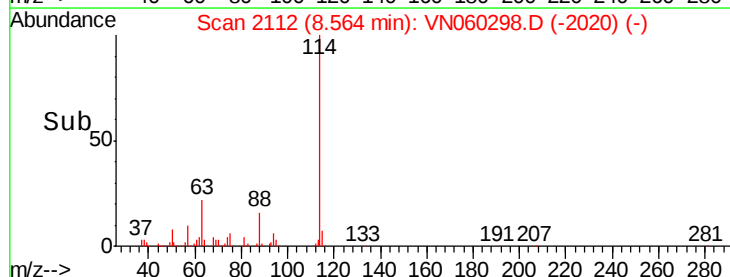
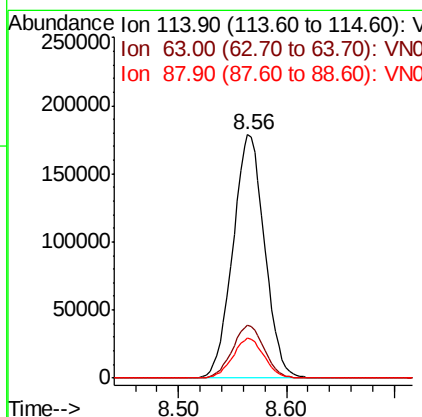
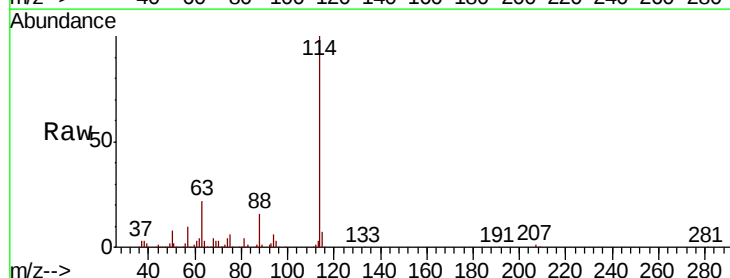
Instrument :
 MSVOA_N
 ClientSampleId :

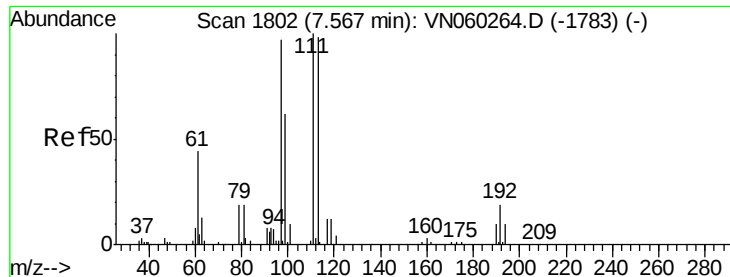
Tot Ion: 65 Resp: 142946
 Ion Ratio Lower Upper
 65 100
 67 52.2 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.56 min Scan# 2112
 Delta R.T. -0.00 min
 Lab File: VN060298.D
 Acq: 2 Mar 2020 9:29

Tgt Ion: 114 Resp: 365720
 Ion Ratio Lower Upper
 114 100
 63 21.6 0.0 43.2
 88 16.3 0.0 31.6

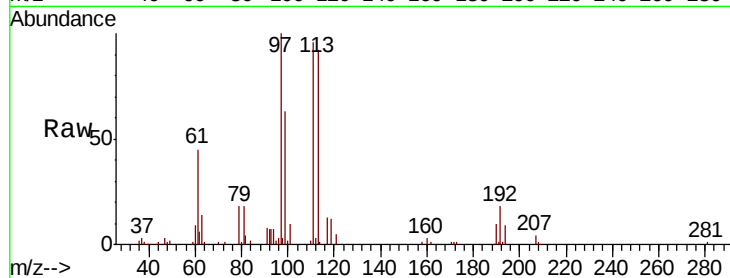




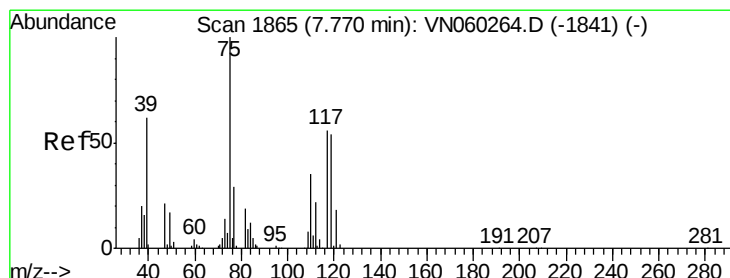
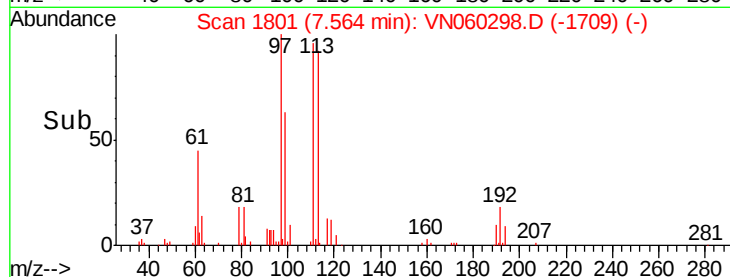
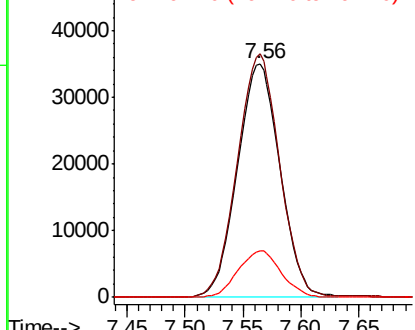
#35
 Dibromofluoromethane
 Concen: 52.725 ug/l
 RT: 7.56 min Scan# 1801
 Delta R.T. -0.00 min
 Lab File: VN060298.D
 Acq: 2 Mar 2020 9:29

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:113 Resp: 89504
 Ion Ratio Lower Upper
 113 100
 111 103.1 82.4 123.6
 192 19.9 16.2 24.2

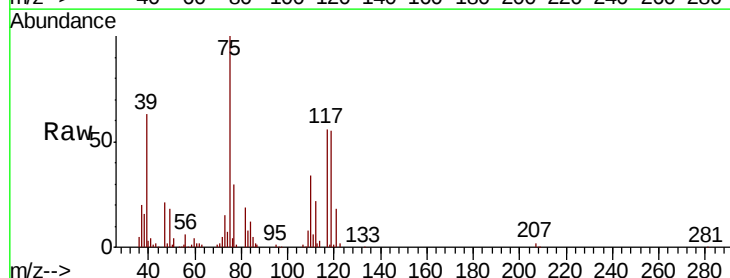


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

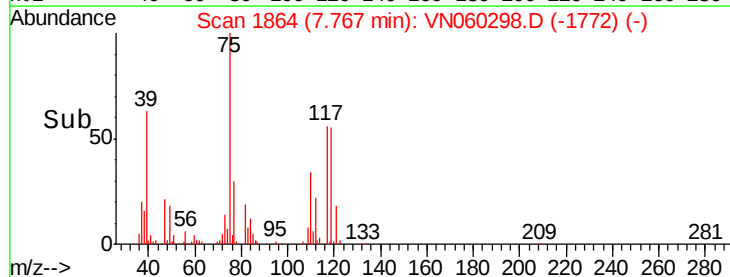
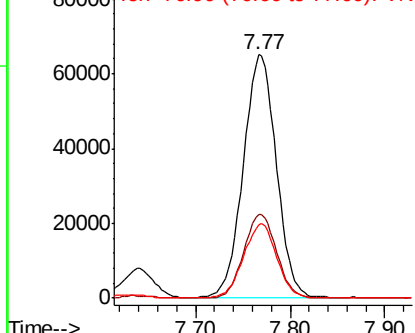


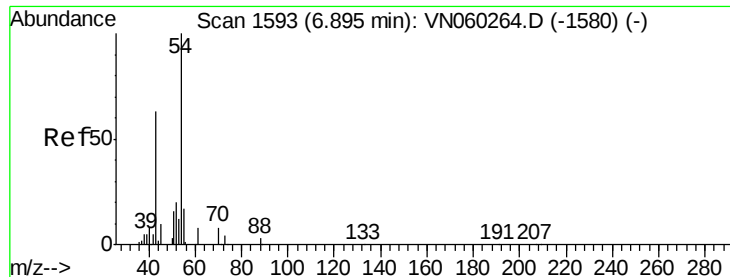
#36
 1,1-Dichloropropene
 Concen: 45.193 ug/l
 RT: 7.77 min Scan# 1864
 Delta R.T. -0.00 min
 Lab File: VN060298.D
 Acq: 2 Mar 2020 9:29

Tgt Ion: 75 Resp: 157521
 Ion Ratio Lower Upper
 75 100
 110 34.3 17.3 52.0
 77 30.9 24.2 36.2



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

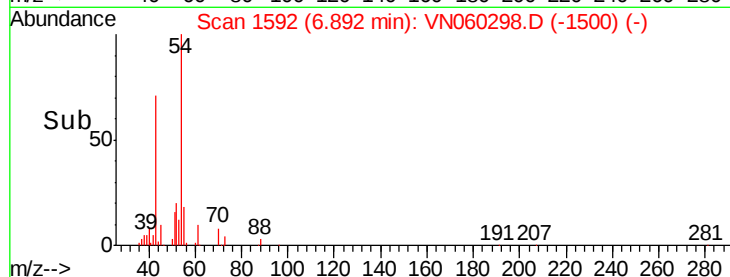
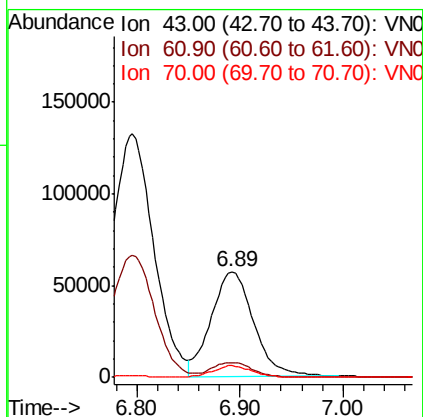
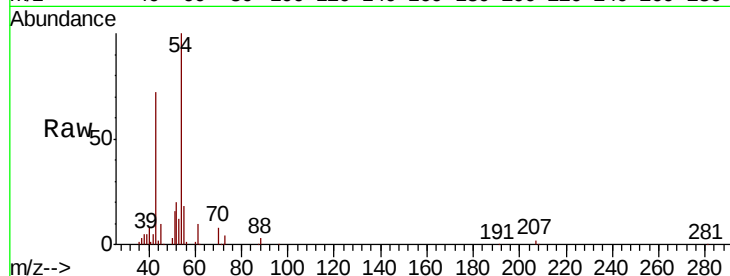




#37
Ethyl Acetate
Concen: 49.775 ug/l
RT: 6.89 min Scan# 1592
Delta R.T. -0.00 min
Lab File: VN060298.D
Acq: 2 Mar 2020 9:29

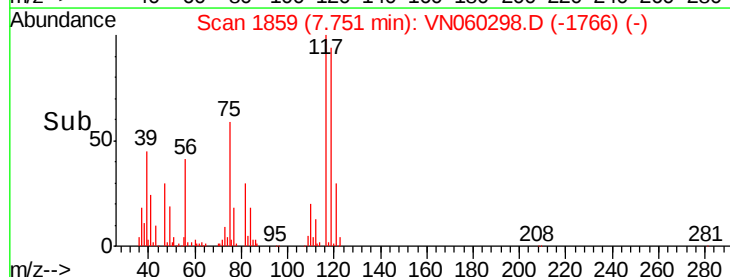
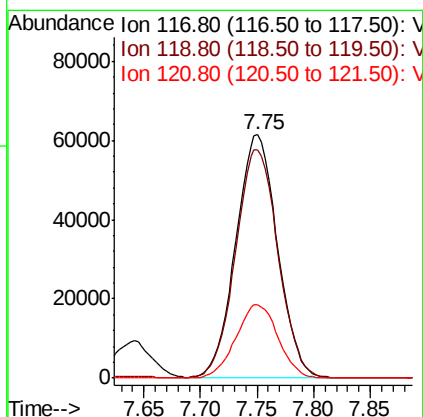
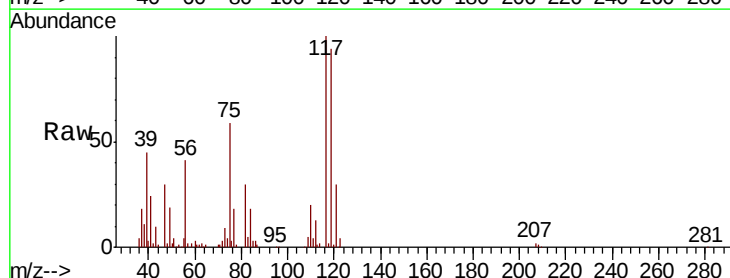
Instrument :
MSVOA_N
ClientSampleId :

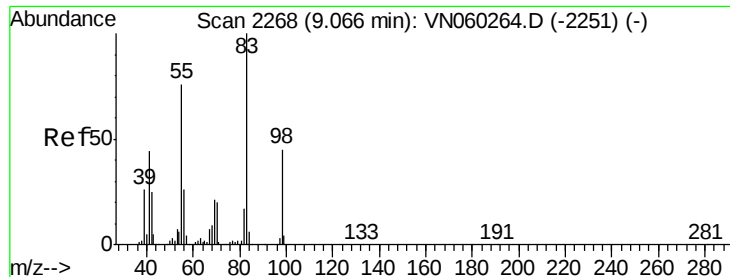
Tot Ion: 43 Resp: 164274
Ion Ratio Lower Upper
43 100
61 14.1 11.1 16.7
70 10.4 8.4 12.6



#38
Carbon Tetrachloride
Concen: 46.523 ug/l
RT: 7.75 min Scan# 1859
Delta R.T. 0.00 min
Lab File: VN060298.D
Acq: 2 Mar 2020 9:29

Tgt Ion: 117 Resp: 157878
Ion Ratio Lower Upper
117 100
119 93.8 76.7 115.1
121 30.2 24.5 36.7

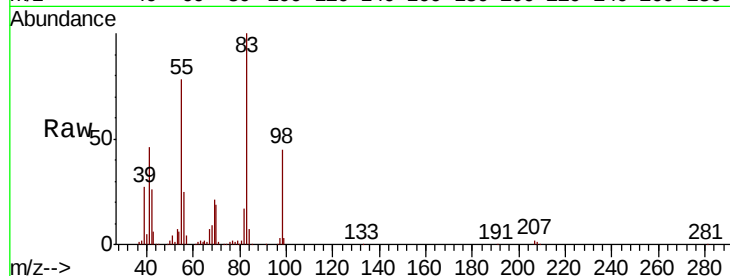




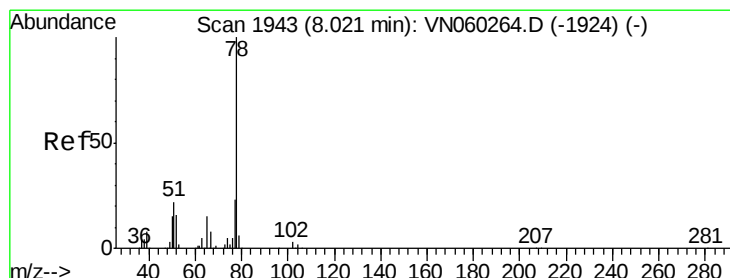
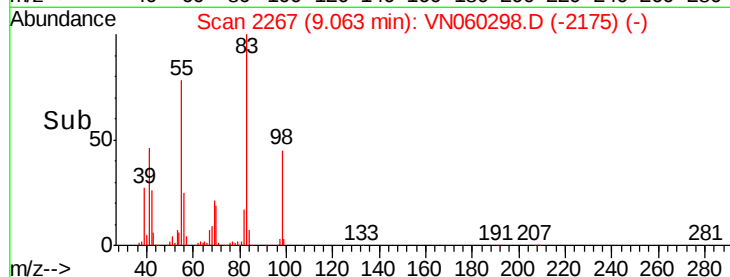
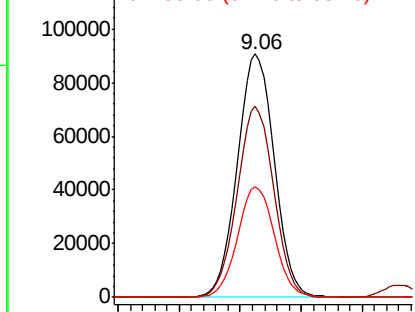
#39
Methvlcvclohexane
Concen: 46.217 ug/l
RT: 9.06 min Scan# 2267
Delta R.T. -0.00 min
Lab File: VN060298.D
Acq: 2 Mar 2020 9:29

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 83 Resp: 189932
Ion Ratio Lower Upper
83 100
55 78.3 61.0 91.4
98 45.5 36.1 54.1

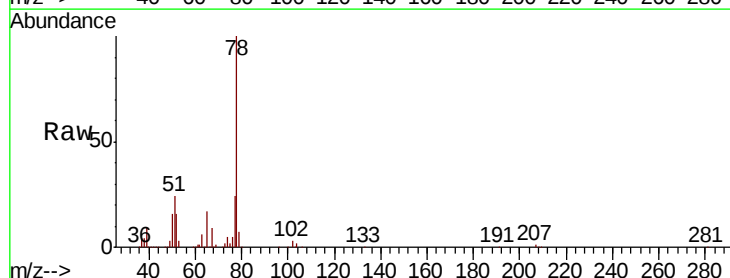


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

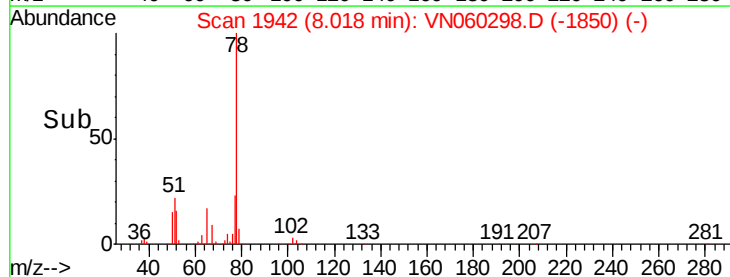
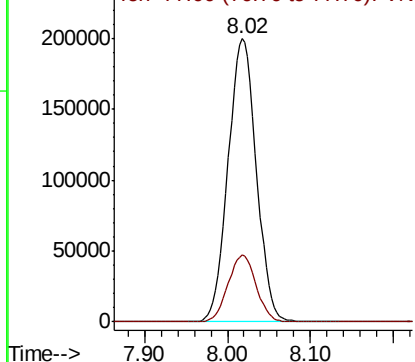


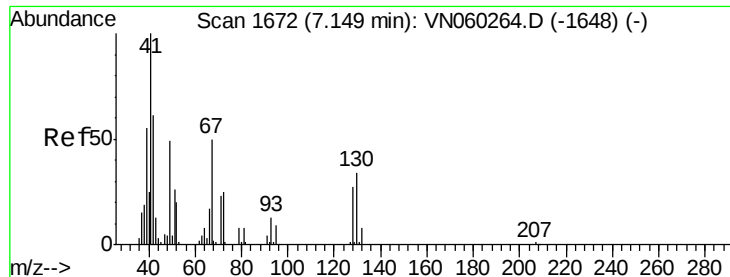
#40
Benzene
Concen: 46.690 ug/l
RT: 8.02 min Scan# 1942
Delta R.T. -0.00 min
Lab File: VN060298.D
Acq: 2 Mar 2020 9:29

Tgt Ion: 78 Resp: 473656
Ion Ratio Lower Upper
78 100
77 23.6 18.8 28.2



Abundance Ion 78.00 (77.70 to 78.70): VN0
Ion 77.00 (76.70 to 77.70): VN0

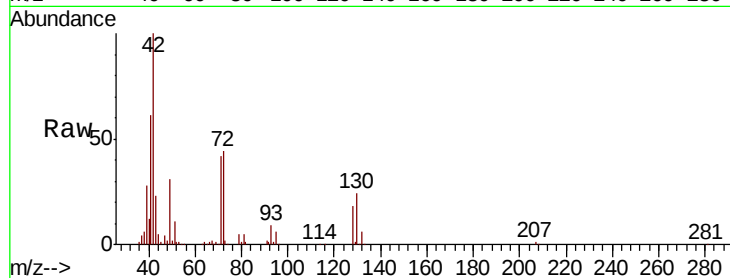




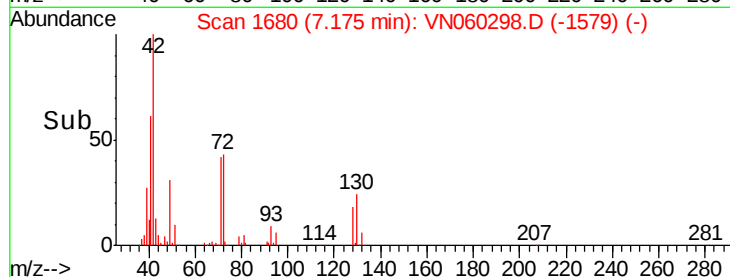
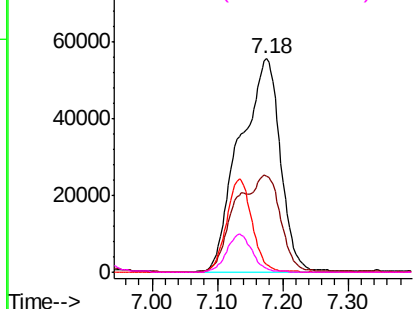
#41
Methacrylonitrile
Concen: 158.135 ug/l
RT: 7.18 min Scan# 1680
Delta R.T. 0.03 min
Lab File: VN060298.D
Acq: 2 Mar 2020 9:29

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:	41	Resp:	240979
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0

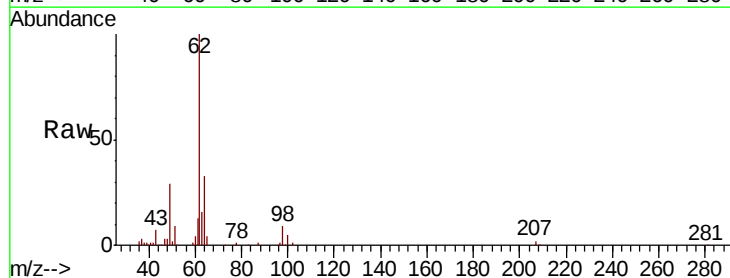


Abundance Ion 41.00 (40.70 to 41.70): VNC
Ion 39.00 (38.70 to 39.70): VNC
Ion 67.00 (66.70 to 67.70): VNC
Ion 52.00 (51.70 to 52.70): VNC

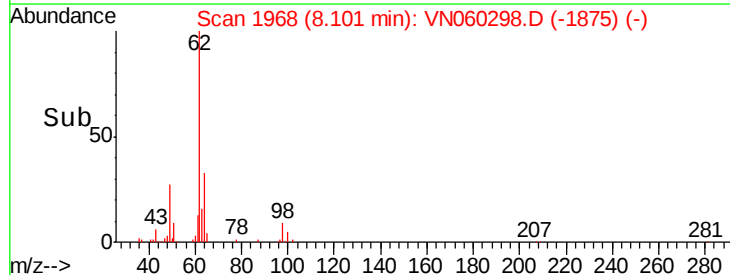
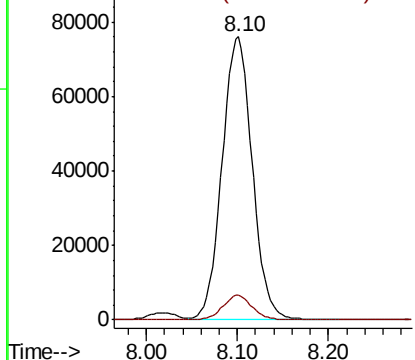


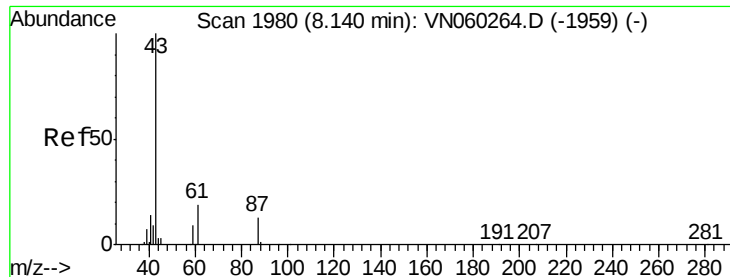
#42
1,2-Dichloroethane
Concen: 47.935 ug/l
RT: 8.10 min Scan# 1968
Delta R.T. 0.00 min
Lab File: VN060298.D
Acq: 2 Mar 2020 9:29

Tgt Ion:	62	Resp:	175480
Ion	Ratio	Lower	Upper
62	100		
98	8.4	0.0	17.0



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





#43

Isopropyl Acetate

Concen: 50.566 ug/l

RT: 8.14 min Scan# 1979

Delta R.T. -0.00 min

Lab File: VN060298.D

Acq: 2 Mar 2020 9:29

Instrument :

MSVOA_N

ClientSampleId :

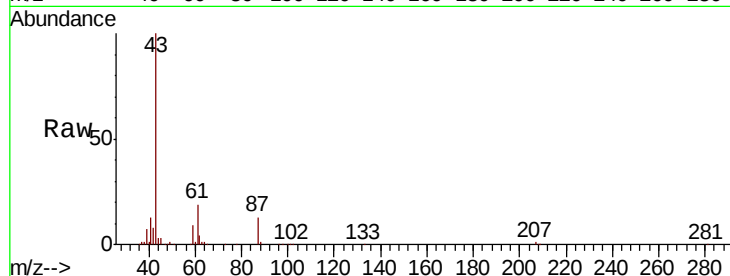
Tot Ion: 43 Resp: 292162

Ion Ratio Lower Upper

43 100

61 25.7 20.9 31.3

87 12.7 10.6 16.0

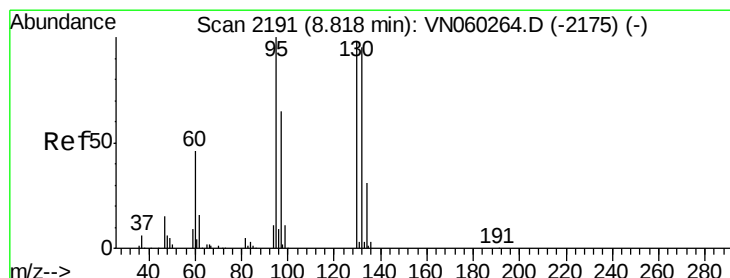
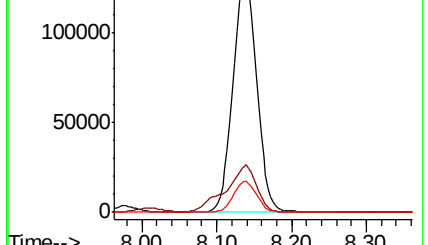
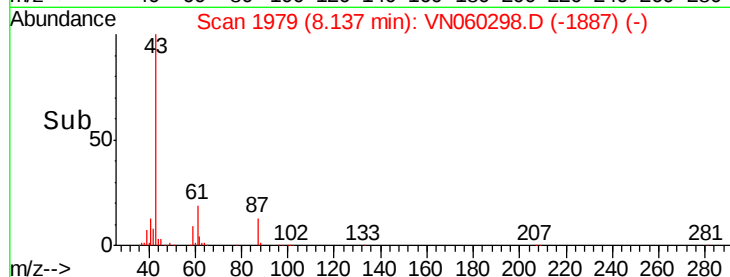


Abundance Ion 43.00 (42.70 to 43.70): VN060264.D (-1959) (-)

Ion 61.00 (60.70 to 61.70): VN060264.D (-1959) (-)

Ion 87.00 (86.70 to 87.70): VN060264.D (-1959) (-)

8.14



#44

Trichloroethene

Concen: 45.306 ug/l

RT: 8.81 min Scan# 2190

Delta R.T. -0.00 min

Lab File: VN060298.D

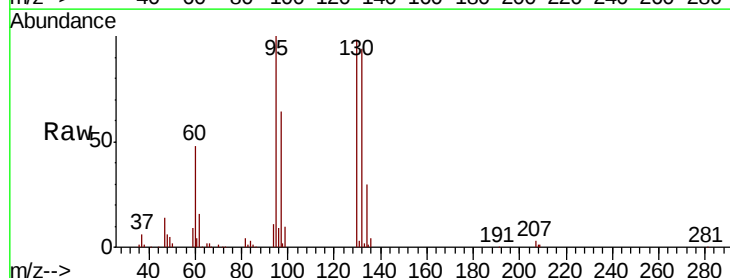
Acq: 2 Mar 2020 9:29

Tgt Ion:130 Resp: 128008

Ion Ratio Lower Upper

130 100

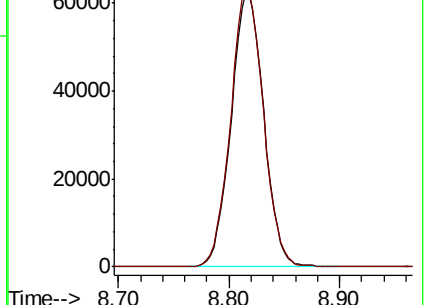
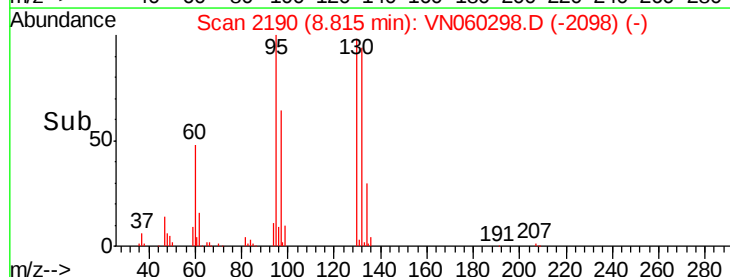
95 102.5 0.0 203.4

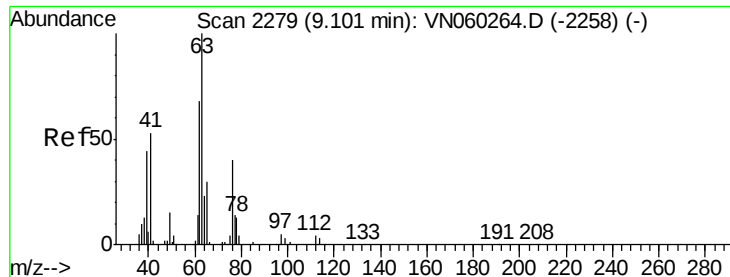


Abundance Ion 129.80 (129.50 to 130.50): VN060298.D (-2098) (-)

Ion 94.90 (94.60 to 95.60): VN060298.D (-2098) (-)

8.81





#45

1,2-Dichloropropane

Concen: 48.774 ug/l

RT: 9.10 min Scan# 2279

Delta R.T. 0.00 min

Lab File: VN060298.D

Acq: 2 Mar 2020 9:29

Instrument :

MSVOA_N

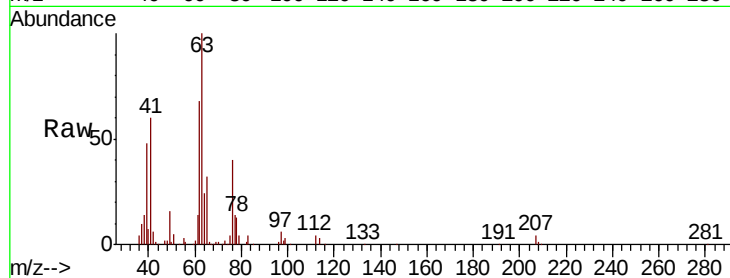
ClientSampleId :

Tot Ion: 63 Resp: 129366

Ion Ratio Lower Upper

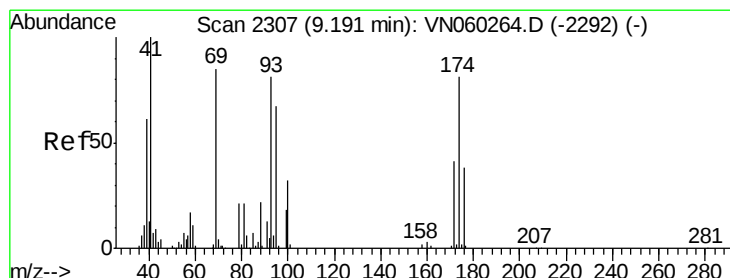
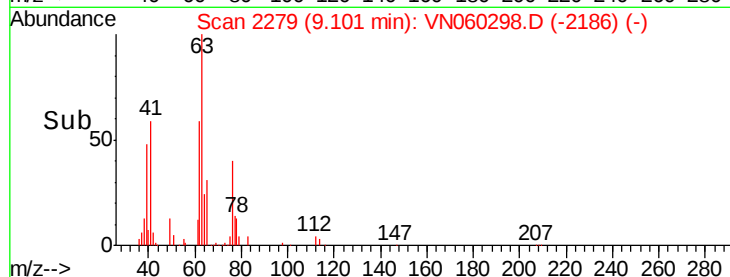
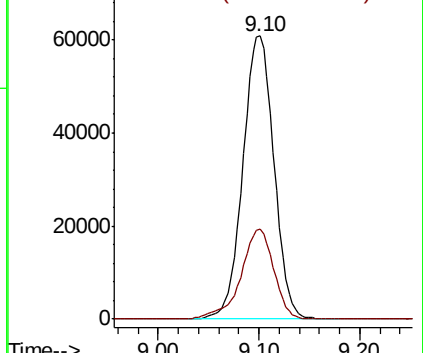
63 100

65 31.7 24.4 36.6



Abundance Ion 62.90 (62.60 to 63.60): VN060298.D (-2186) (-)

Ion 64.90 (64.60 to 65.60): VN060298.D (-2186) (-)



#46

Dibromomethane

Concen: 47.878 ug/l

RT: 9.19 min Scan# 2307

Delta R.T. 0.00 min

Lab File: VN060298.D

Acq: 2 Mar 2020 9:29

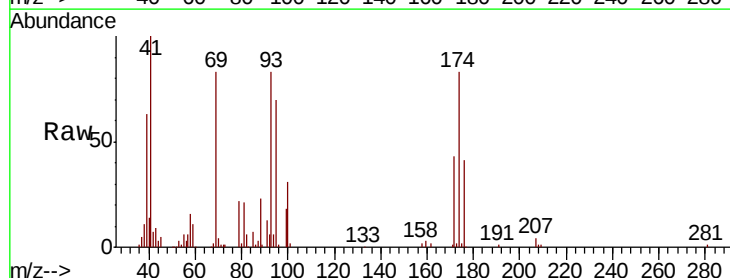
Tgt Ion: 93 Resp: 82399

Ion Ratio Lower Upper

93 100

95 83.5 65.9 98.9

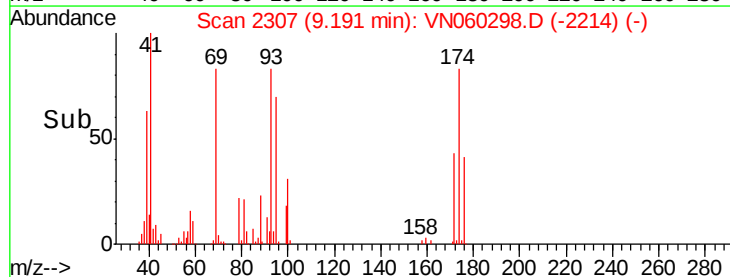
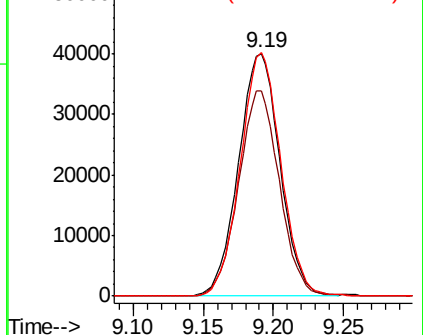
174 98.3 79.6 119.4

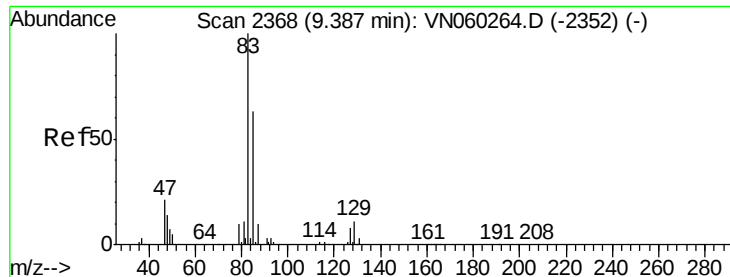


Abundance Ion 92.80 (92.50 to 93.50): VN060298.D (-2214) (-)

Ion 94.80 (94.50 to 95.50): VN060298.D (-2214) (-)

Ion 173.70 (173.40 to 174.40): VN060298.D (-2214) (-)





#47

Bromodichloromethane

Concen: 49.275 ug/l

RT: 9.38 min Scan# 2367

Delta R.T. -0.00 min

Lab File: VN060298.D

Acq: 2 Mar 2020 9:29

Instrument :

MSVOA_N

ClientSampled :

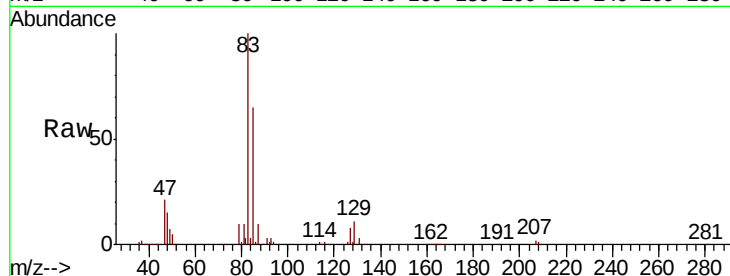
Tot Ion: 83 Resp: 172476

Ion Ratio Lower Upper

83 100

85 64.7 50.7 76.1

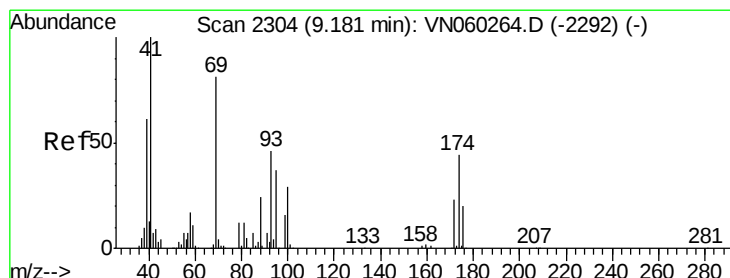
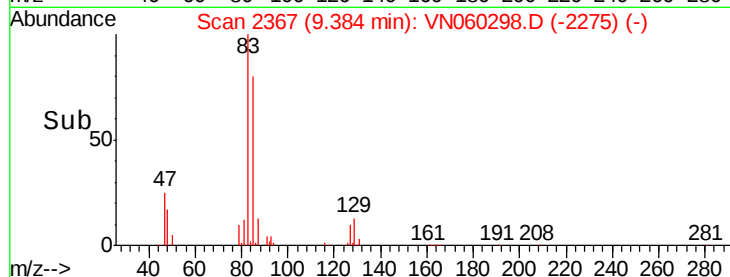
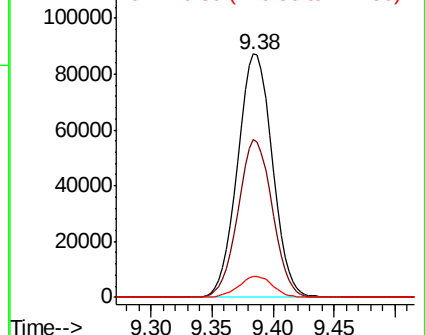
127 8.4 6.8 10.2



Abundance Ion 82.90 (82.60 to 83.60): VN060298.D (-2275) (-)

Ion 84.90 (84.60 to 85.60): VN060298.D (-2275) (-)

Ion 126.80 (126.50 to 127.50): VN060298.D (-2275) (-)



#48

Methyl methacrylate

Concen: 49.096 ug/l

RT: 9.18 min Scan# 2304

Delta R.T. 0.00 min

Lab File: VN060298.D

Acq: 2 Mar 2020 9:29

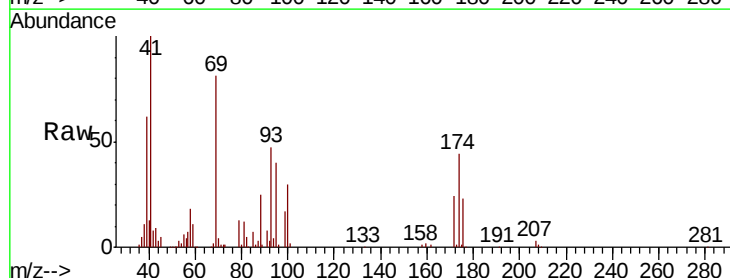
Tgt Ion: 41 Resp: 129355

Ion Ratio Lower Upper

41 100

69 83.5 66.7 100.1

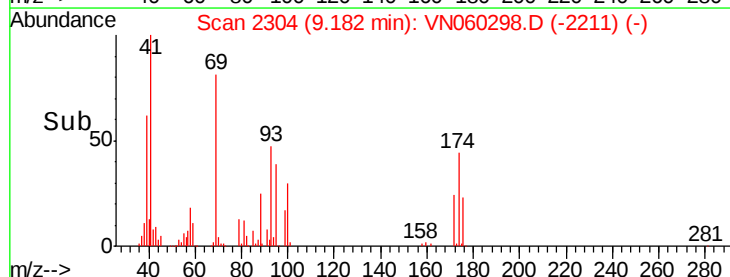
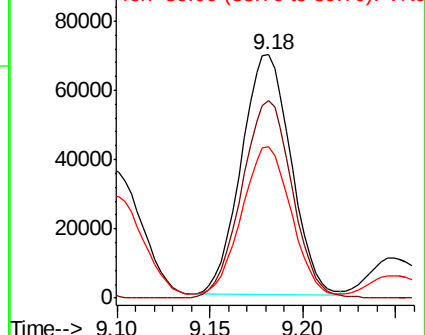
39 63.6 50.1 75.1

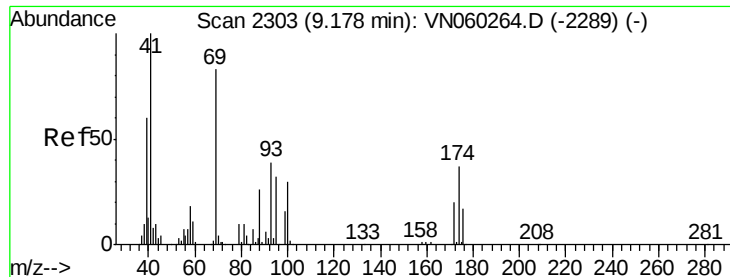


Abundance Ion 41.00 (40.70 to 41.70): VN060298.D (-2211) (-)

Ion 69.00 (68.70 to 69.70): VN060298.D (-2211) (-)

Ion 39.00 (38.70 to 39.70): VN060298.D (-2211) (-)

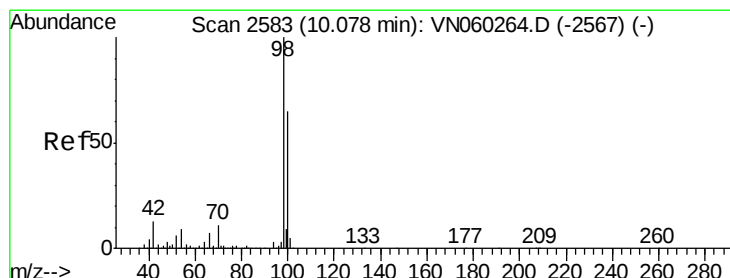
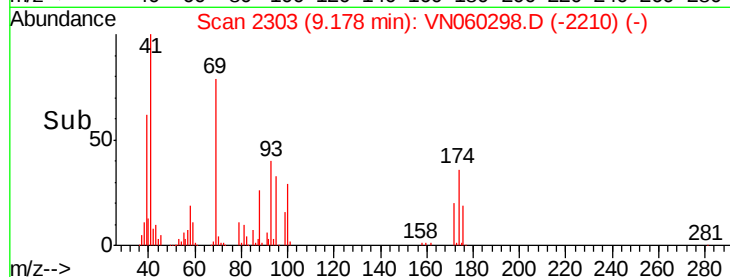
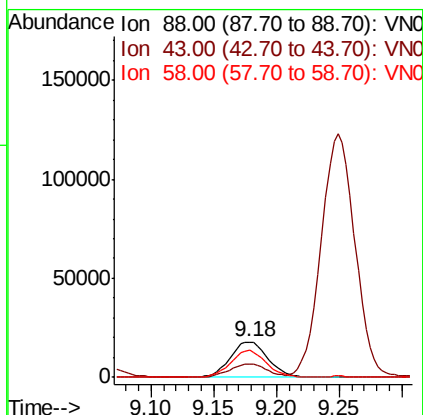
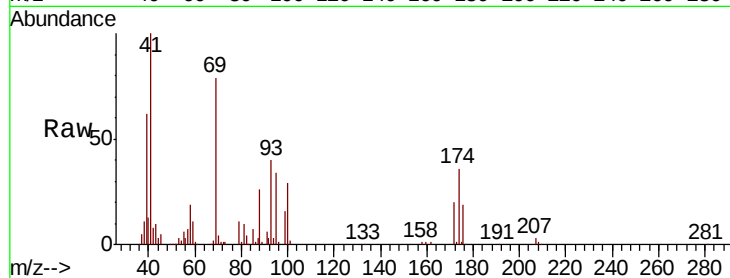




#49
1,4-Dioxane
Concen: 1014.098 ug/l
RT: 9.18 min Scan# 2303
Delta R.T. 0.00 min
Lab File: VN060298.D
Acq: 2 Mar 2020 9:29

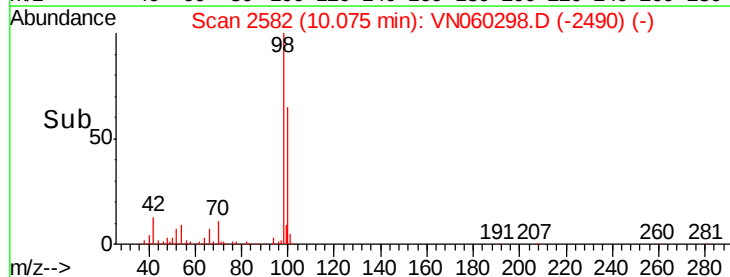
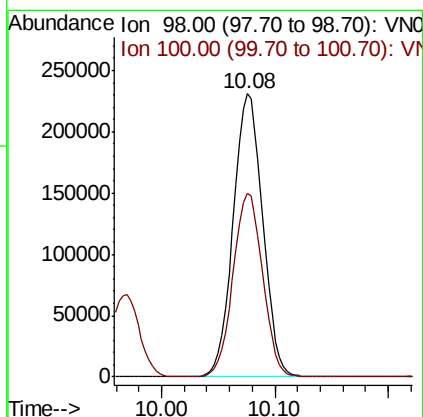
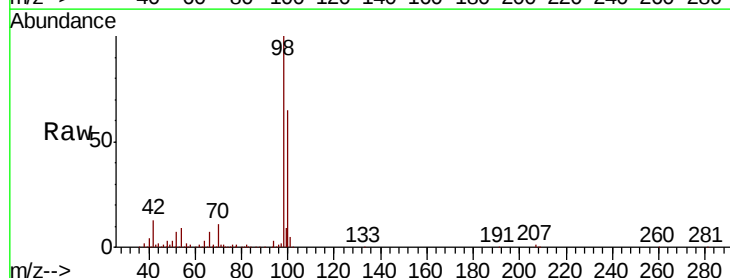
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 88 Resp: 37574
Ion Ratio Lower Upper
88 100
43 37.3 30.4 45.6
58 71.8 57.0 85.6



#50
Toluene-d8
Concen: 48.906 ug/l
RT: 10.08 min Scan# 2582
Delta R.T. -0.00 min
Lab File: VN060298.D
Acq: 2 Mar 2020 9:29

Tgt Ion: 98 Resp: 420181
Ion Ratio Lower Upper
98 100
100 65.0 52.2 78.2





#51

4-Methyl-2-Pentanone

Concen: 256.122 ug/l

RT: 9.97 min Scan# 2548

Delta R.T. -0.00 min

Lab File: VN060298.D

Acq: 2 Mar 2020 9:29

Instrument :

MSVOA_N

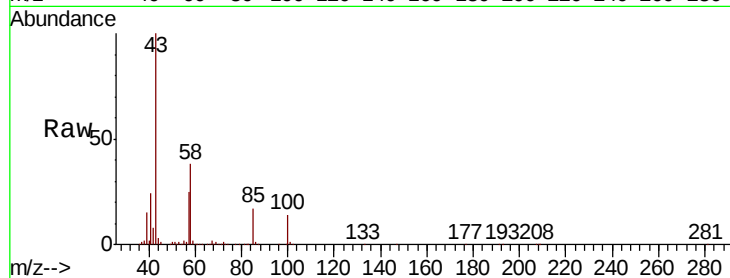
ClientSampled :

Tot Ion: 43 Resp: 839029

Ion Ratio Lower Upper

43 100

58 38.3 30.9 46.3



Abundance Ion 43.00 (42.70 to 43.70): VN060264.D (-2531) (-)

Ion 58.00 (57.70 to 58.70): VN060264.D (-2531) (-)

9.97

500000

400000

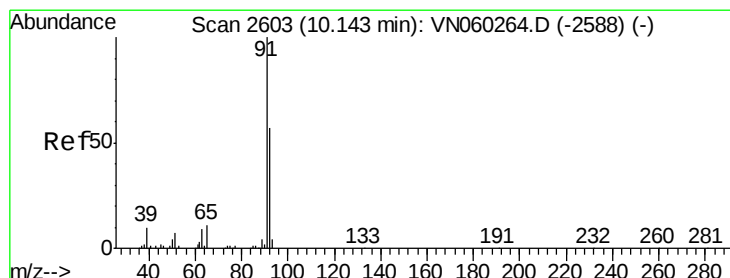
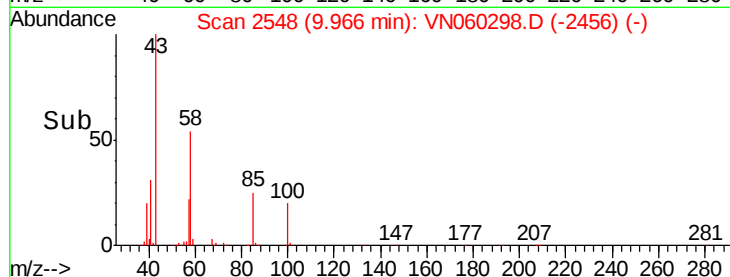
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 46.837 ug/l

RT: 10.14 min Scan# 2602

Delta R.T. -0.00 min

Lab File: VN060298.D

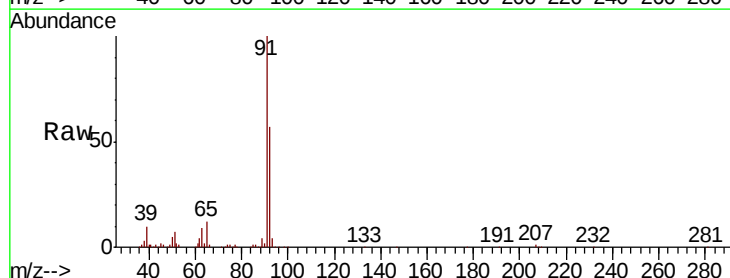
Acq: 2 Mar 2020 9:29

Tgt Ion: 92 Resp: 298474

Ion Ratio Lower Upper

92 100

91 173.3 138.1 207.1



Abundance Ion 92.00 (91.70 to 92.70): VN060264.D (-2588) (-)

Ion 91.00 (90.70 to 91.70): VN060264.D (-2588) (-)

10.14

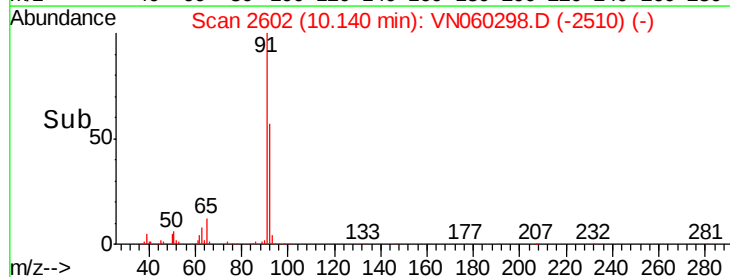
300000

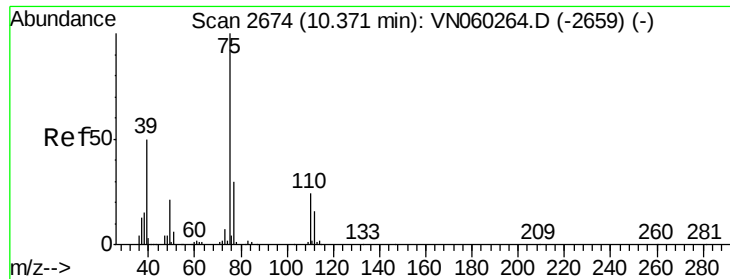
200000

100000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 47.253 ug/l

RT: 10.37 min Scan# 2673

Delta R.T. -0.00 min

Lab File: VN060298.D

Acq: 2 Mar 2020 9:29

Instrument :

MSVOA_N

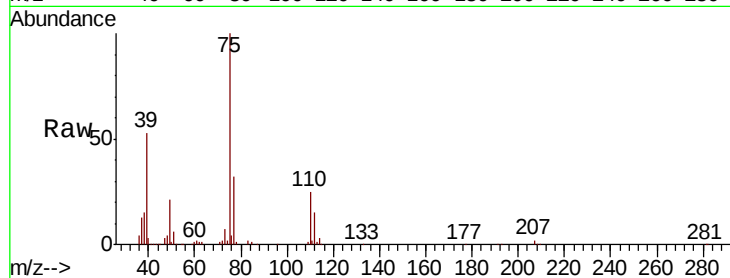
ClientSampleId :

Tot Ion: 75 Resp: 202670

Ion Ratio Lower Upper

75 100

77 31.9 24.8 37.2



Abundance Ion 74.90 (74.60 to 75.60): VN060298.D (-2581) (-)

Ion 76.90 (76.60 to 77.60): VN060298.D (-2581) (-)

10.37

120000

100000

80000

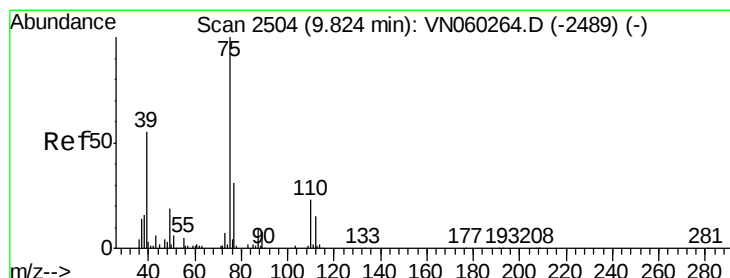
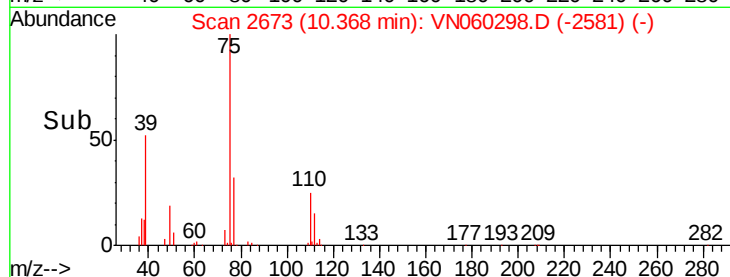
60000

40000

20000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 48.245 ug/l

RT: 9.82 min Scan# 2504

Delta R.T. 0.00 min

Lab File: VN060298.D

Acq: 2 Mar 2020 9:29

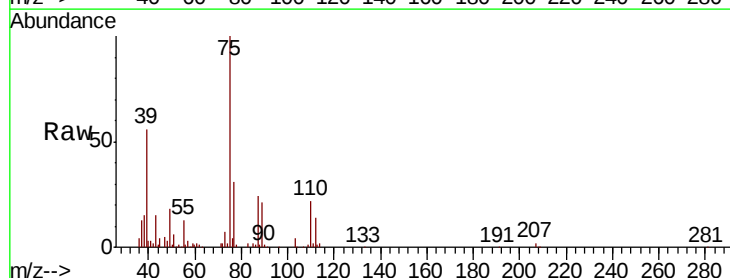
Tgt Ion: 75 Resp: 214417

Ion Ratio Lower Upper

75 100

77 31.4 24.8 37.2

39 56.1 43.8 65.8



Abundance Ion 74.90 (74.60 to 75.60): VN060298.D (-2411) (-)

Ion 76.90 (76.60 to 77.60): VN060298.D (-2411) (-)

Ion 39.00 (38.70 to 39.70): VN060298.D (-2411) (-)

9.82

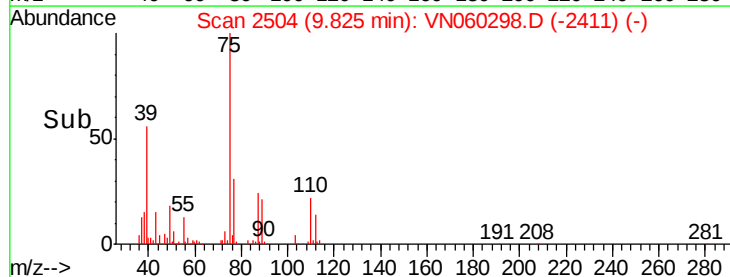
150000

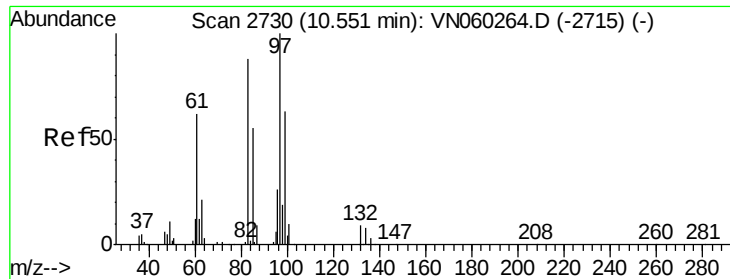
100000

50000

0

Time-->

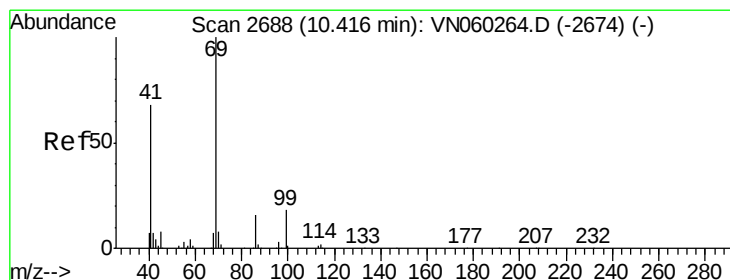
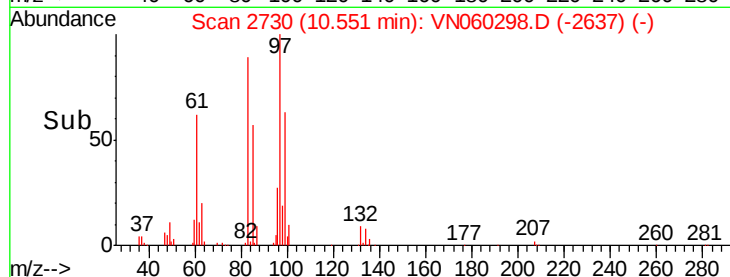
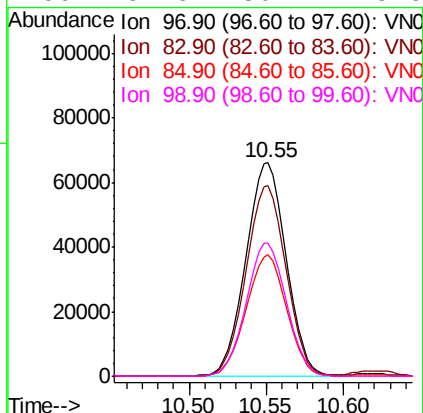
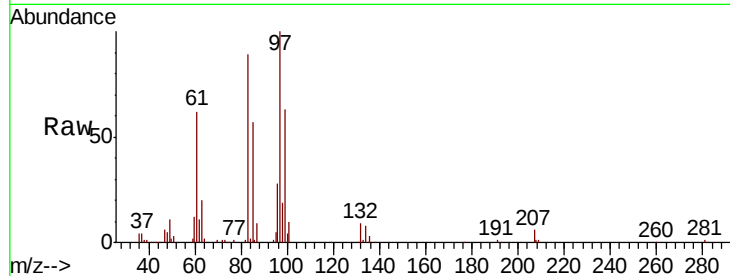




#55
 1,1,2-Trichloroethane
 Concen: 46.972 ug/l
 RT: 10.55 min Scan# 2730
 Delta R.T. 0.00 min
 Lab File: VN060298.D
 Acq: 2 Mar 2020 9:29

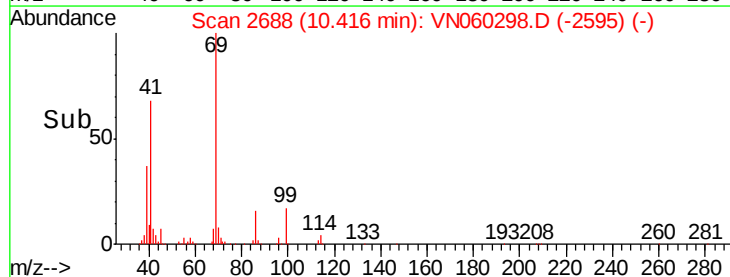
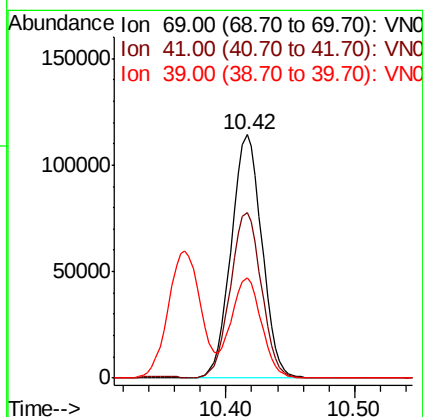
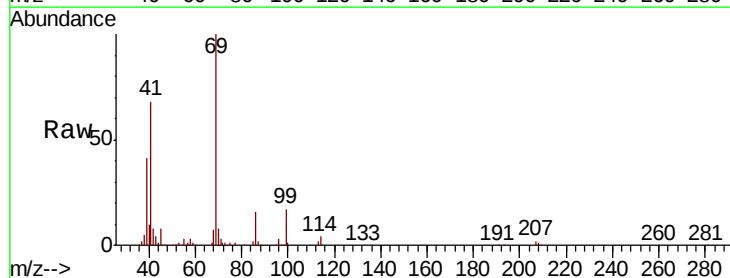
Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion:	97	Resp:	120373
Ion	Ratio	Lower	Upper
97	100		
83	89.2	70.0	105.0
85	56.9	44.0	66.0
99	62.6	50.4	75.6



#56
 Ethyl methacrylate
 Concen: 51.435 ug/l
 RT: 10.42 min Scan# 2688
 Delta R.T. 0.00 min
 Lab File: VN060298.D
 Acq: 2 Mar 2020 9:29

Tgt Ion:	69	Resp:	189366
Ion	Ratio	Lower	Upper
69	100		
41	68.2	54.1	81.1
39	40.3	32.5	48.7





#57

1,3-Dichloropropane

Concen: 48.907 ug/l

RT: 10.70 min Scan# 2775

Delta R.T. 0.00 min

Lab File: VN060298.D

Acq: 2 Mar 2020 9:29

Instrument :

MSVOA_N

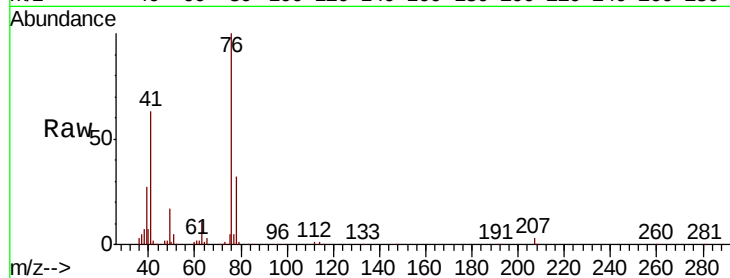
ClientSampleId :

Tot Ion: 76 Resp: 204394

Ion Ratio Lower Upper

76 100

78 32.1 26.2 39.2



Abundance Ion 75.90 (75.60 to 76.60): VN060298.D (-2682) (-)

Ion 77.90 (77.60 to 78.60): VN060298.D (-2682) (-)

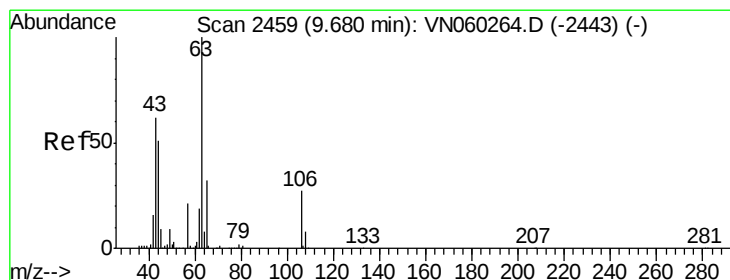
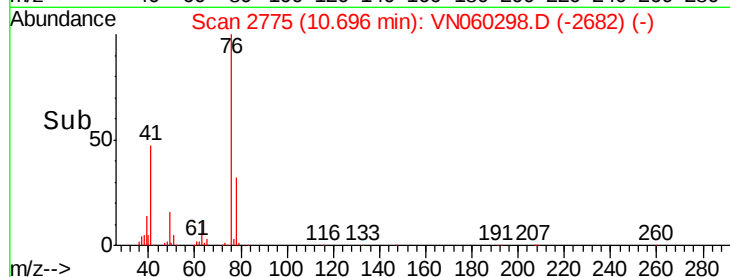
10.70

100000

50000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 249.833 ug/l

RT: 9.68 min Scan# 2458

Delta R.T. -0.00 min

Lab File: VN060298.D

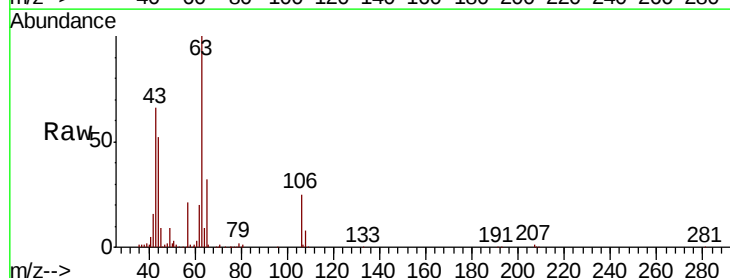
Acq: 2 Mar 2020 9:29

Tgt Ion: 63 Resp: 481065

Ion Ratio Lower Upper

63 100

106 26.1 21.1 31.7



Abundance Ion 62.90 (62.60 to 63.60): VN060298.D (-2366) (-)

Ion 105.90 (105.60 to 106.60): VN060298.D (-2366) (-)

9.68

300000

250000

200000

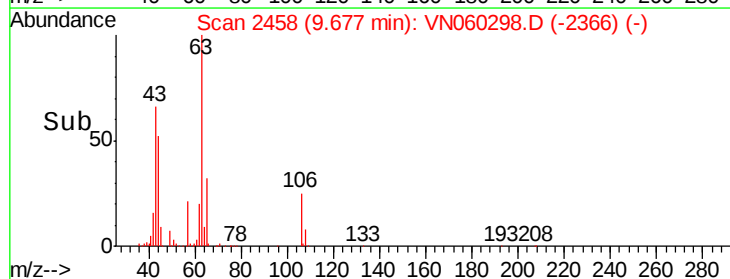
150000

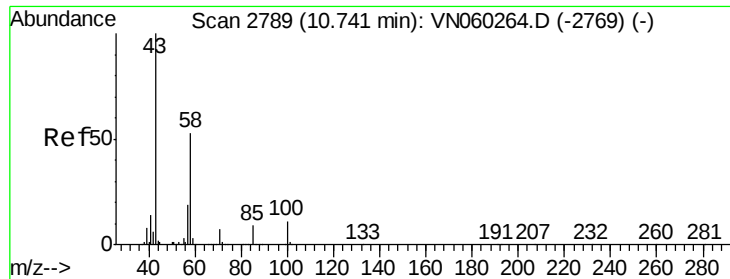
100000

50000

0

Time-->





#59

2-Hexanone

Concen: 259.021 ug/l

RT: 10.74 min Scan# 2788

Delta R.T. -0.00 min

Lab File: VN060298.D

Acq: 2 Mar 2020 9:29

Instrument :

MSVOA_N

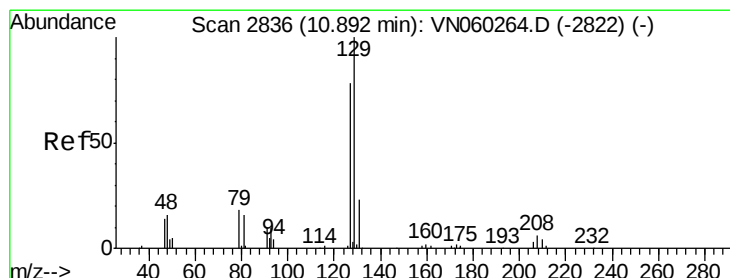
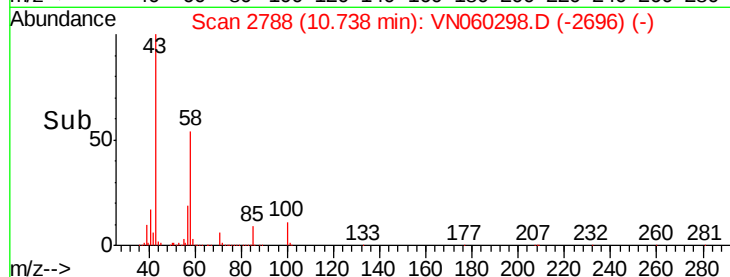
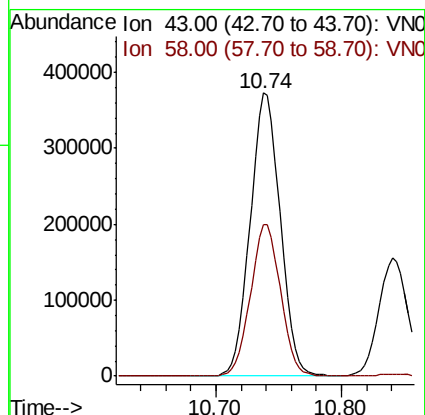
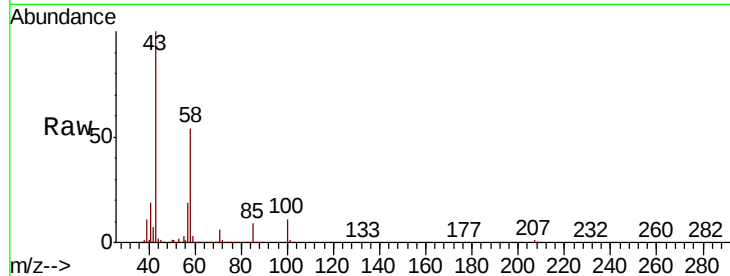
ClientSampled :

Tot Ion: 43 Resp: 623008

Ion Ratio Lower Upper

43 100

58 53.6 26.5 79.5



#60

Dibromochloromethane

Concen: 49.385 ug/l

RT: 10.89 min Scan# 2836

Delta R.T. 0.00 min

Lab File: VN060298.D

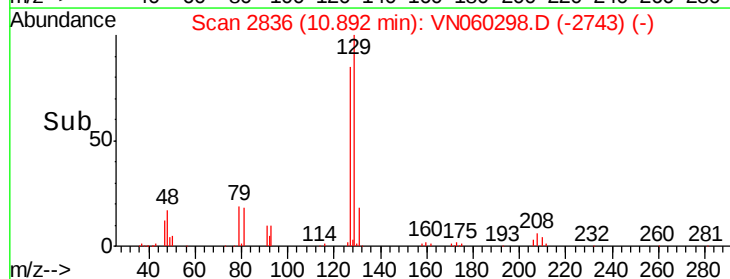
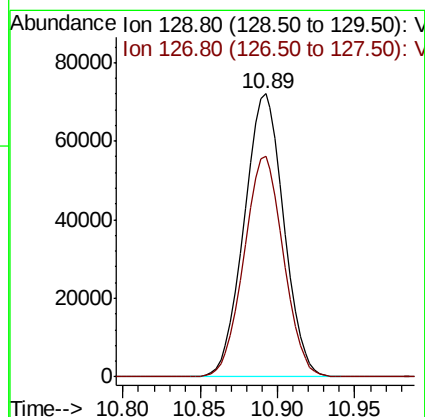
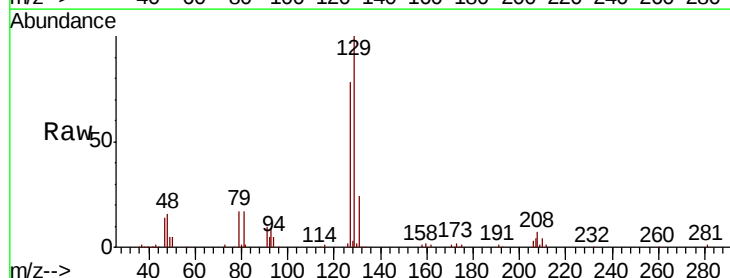
Acq: 2 Mar 2020 9:29

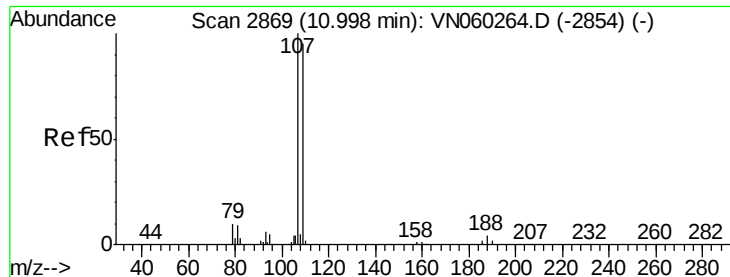
Tgt Ion: 129 Resp: 128704

Ion Ratio Lower Upper

129 100

127 77.5 38.9 116.7

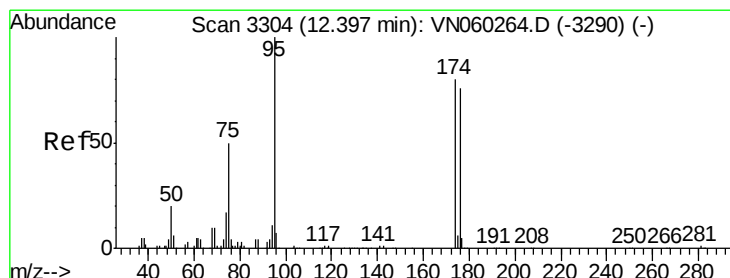
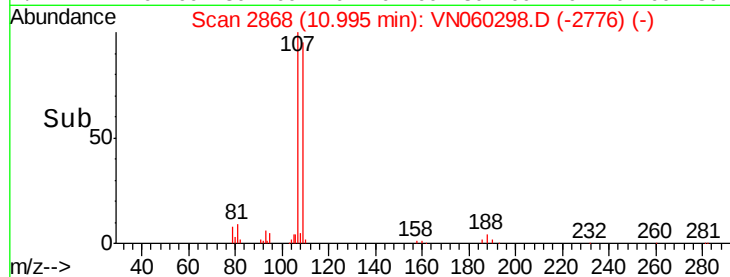
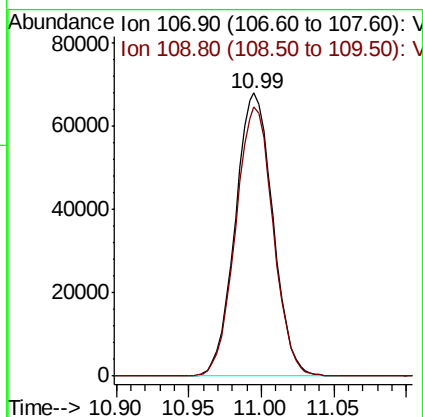
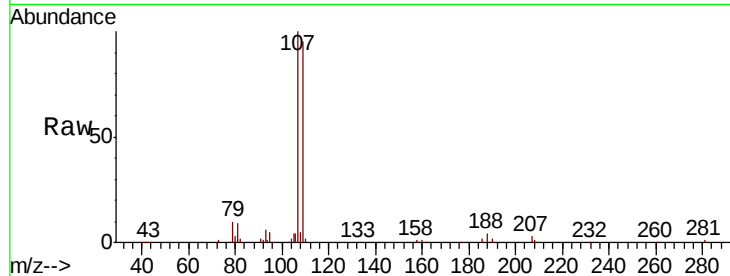




#61
 1,2-Dibromoethane
 Concen: 48.912 ug/l
 RT: 10.99 min Scan# 2868
 Delta R.T. -0.00 min
 Lab File: VN060298.D
 Acq: 2 Mar 2020 9:29

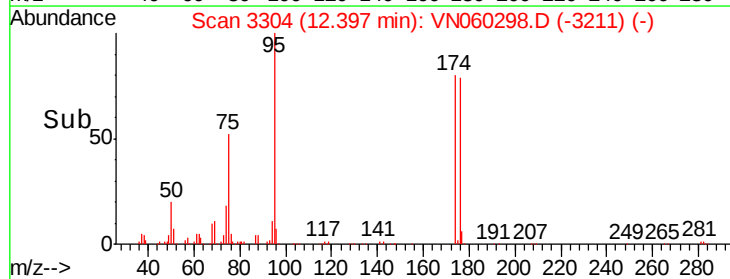
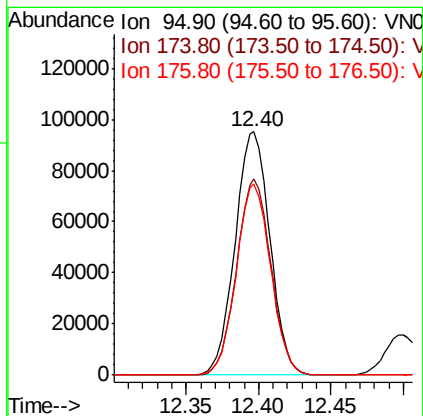
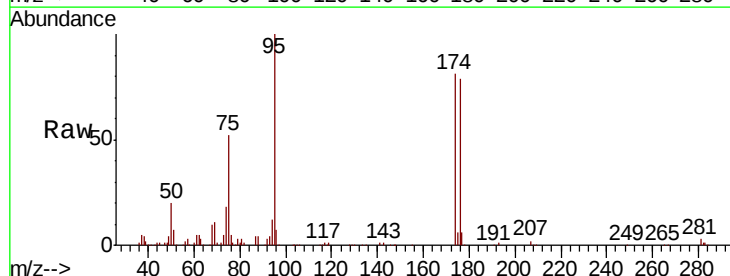
Instrument :
 MSVOA_N
 ClientSampleId :

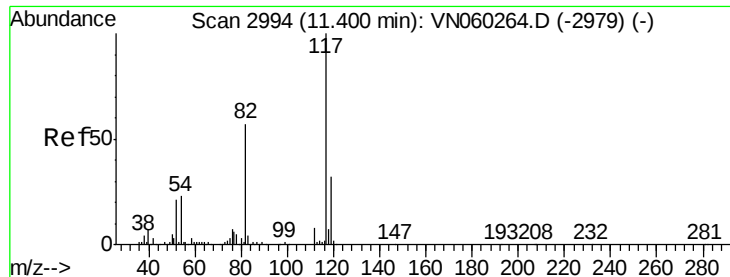
Tot Ion: 107 Resp: 122191
 Ion Ratio Lower Upper
 107 100
 109 94.9 76.8 115.2



#62
 4-Bromofluorobenzene
 Concen: 48.802 ug/l
 RT: 12.40 min Scan# 3304
 Delta R.T. 0.00 min
 Lab File: VN060298.D
 Acq: 2 Mar 2020 9:29

Tgt Ion: 95 Resp: 158941
 Ion Ratio Lower Upper
 95 100
 174 79.3 0.0 159.2
 176 77.4 0.0 153.8

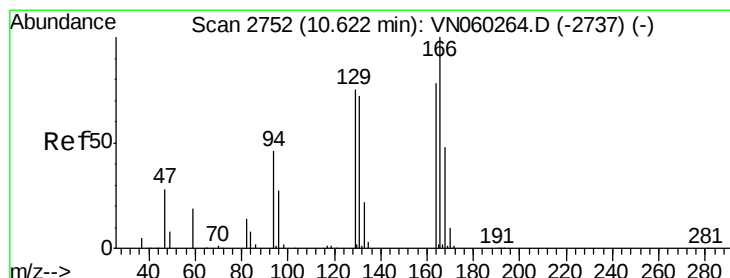
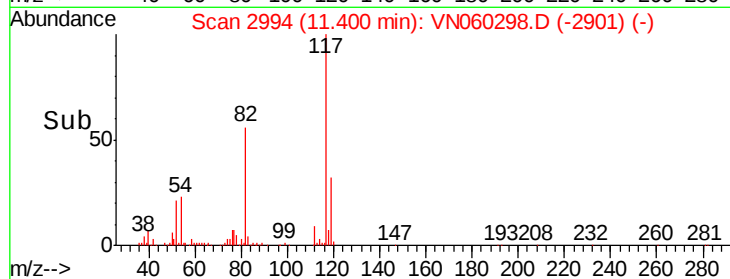
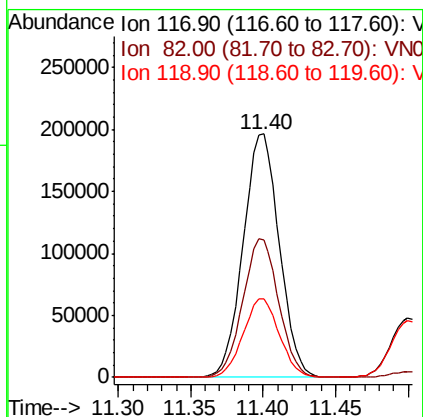
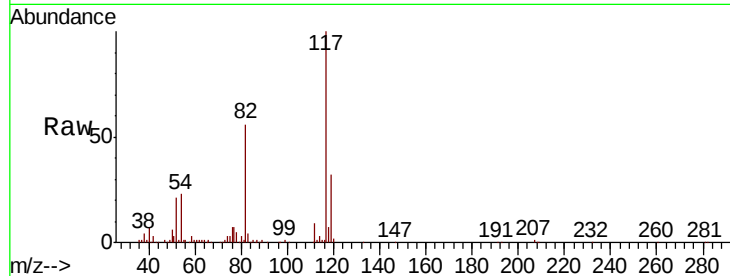




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. 0.00 min
Lab File: VN060298.D
Acq: 2 Mar 2020 9:29

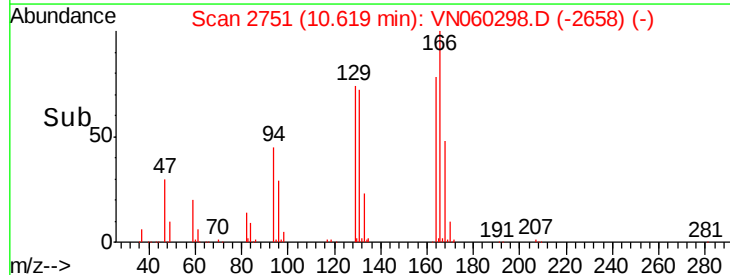
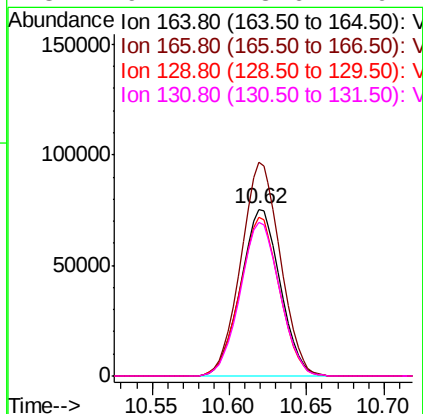
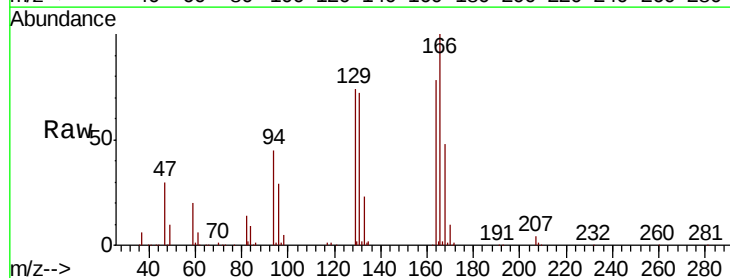
Instrument :
MSVOA_N
ClientSampled :

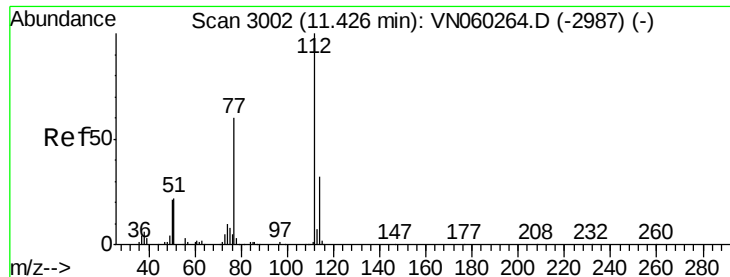
Tot Ion	Ratio	Lower	Upper
117	100		
82	56.4	45.8	68.6
119	32.3	25.8	38.8



#64
Tetrachloroethene
Concen: 49.913 ug/l
RT: 10.62 min Scan# 2751
Delta R.T. -0.00 min
Lab File: VN060298.D
Acq: 2 Mar 2020 9:29

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.1	102.0	153.0
129	95.4	76.4	114.6
131	92.4	73.6	110.4

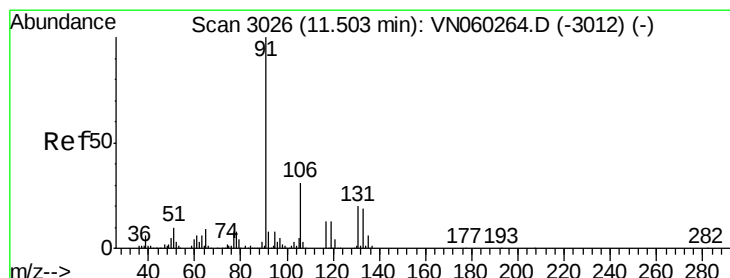
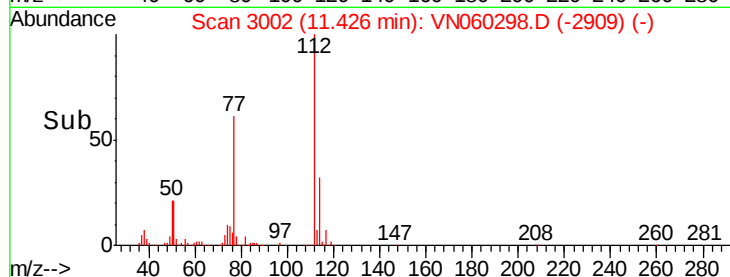
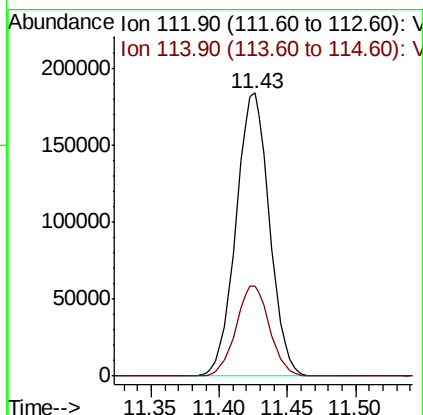
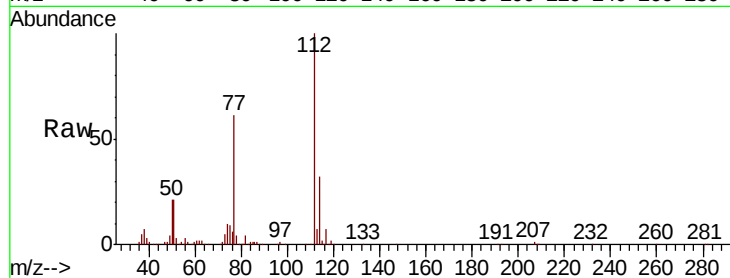




#65
Chlorobenzene
Concen: 45.365 ug/l
RT: 11.43 min Scan# 3002
Delta R.T. 0.00 min
Lab File: VN060298.D
Acq: 2 Mar 2020 9:29

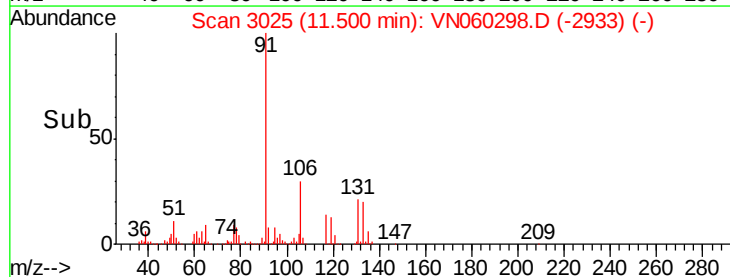
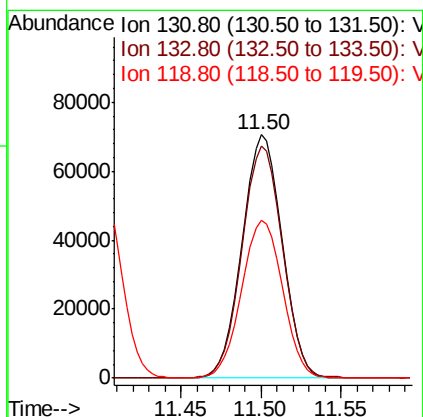
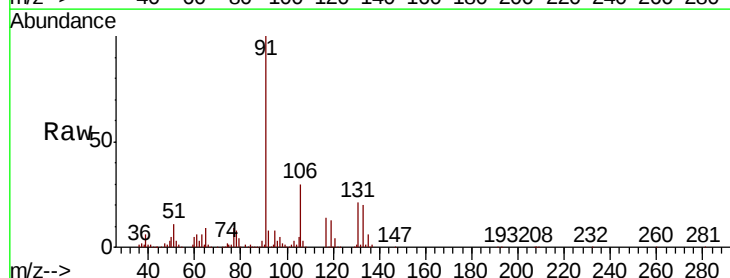
Instrument :
MSVOA_N
ClientSampled :

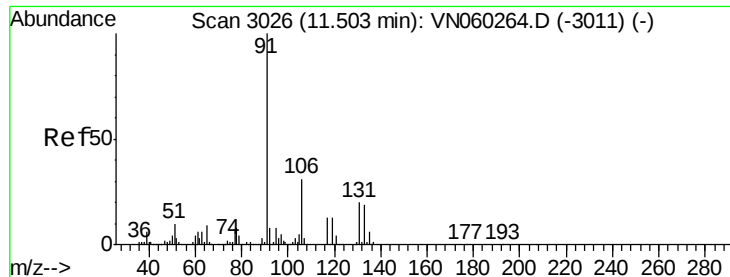
Tot Ion:112 Resp: 312445
Ion Ratio Lower Upper
112 100
114 31.9 25.4 38.0



#66
1,1,1,2-Tetrachloroethane
Concen: 47.445 ug/l
RT: 11.50 min Scan# 3025
Delta R.T. -0.00 min
Lab File: VN060298.D
Acq: 2 Mar 2020 9:29

Tgt Ion:131 Resp: 120820
Ion Ratio Lower Upper
131 100
133 95.8 47.7 143.1
119 66.6 33.2 99.6





#67

Ethyl Benzene

Concen: 46.687 ug/l

RT: 11.50 min Scan# 3026

Delta R.T. 0.00 min

Lab File: VN060298.D

Acq: 2 Mar 2020 9:29

Instrument :

MSVOA_N

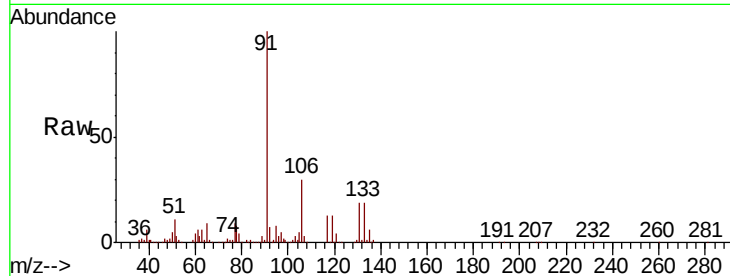
ClientSampled :

Tot Ion: 91 Resp: 585570

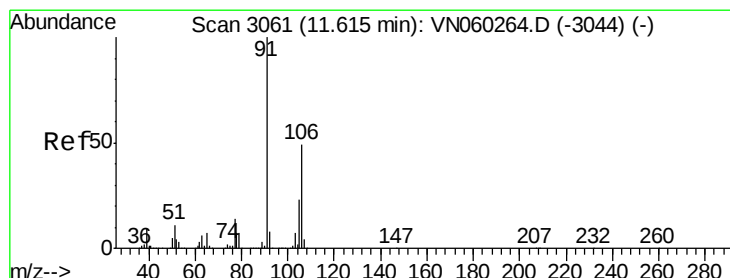
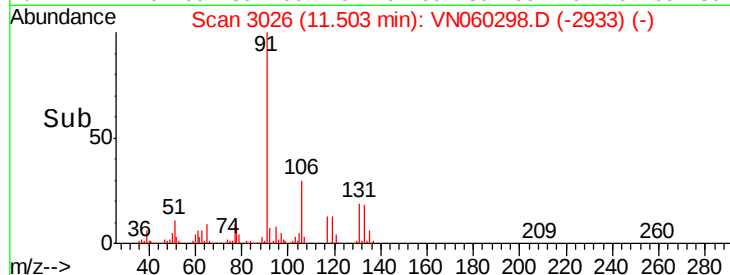
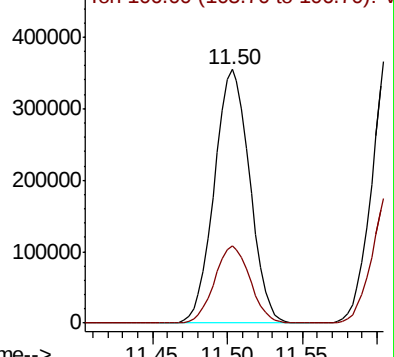
Ion Ratio Lower Upper

91 100

106 30.3 24.7 37.1



Abundance Ion 91.00 (90.70 to 91.70): VN060298.D (-2933) (-)



#68

m/p-Xylenes

Concen: 92.094 ug/l

RT: 11.61 min Scan# 3060

Delta R.T. -0.00 min

Lab File: VN060298.D

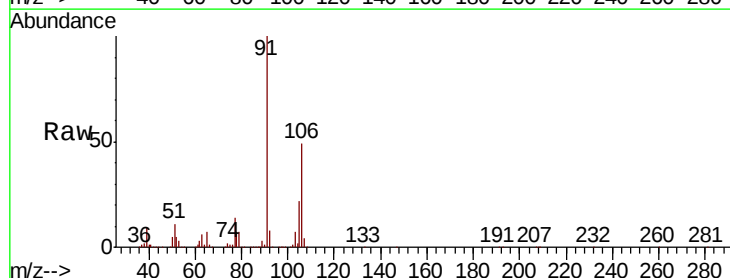
Acq: 2 Mar 2020 9:29

Tgt Ion: 106 Resp: 435798

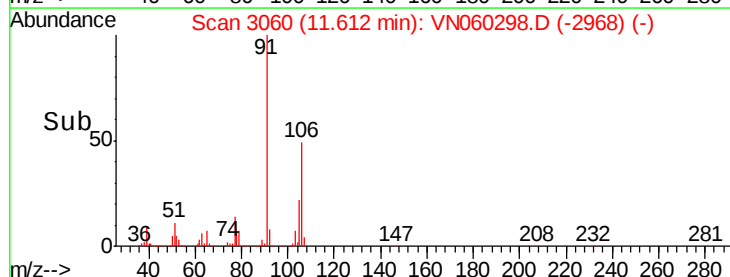
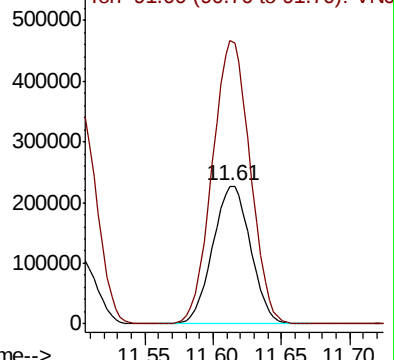
Ion Ratio Lower Upper

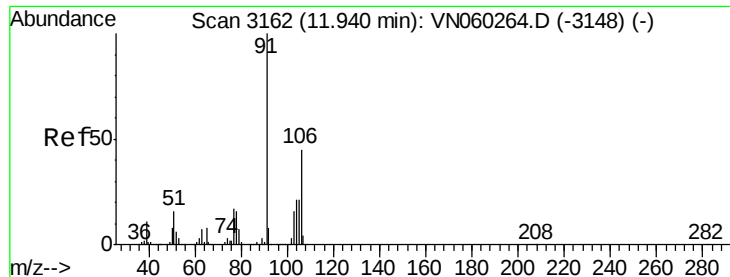
106 100

91 206.0 164.5 246.7



Abundance Ion 106.00 (105.70 to 106.70): VN060298.D (-2968) (-)

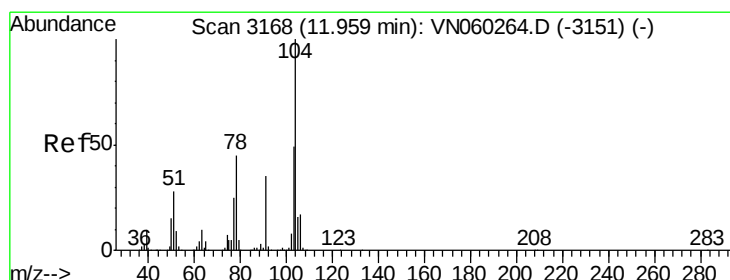
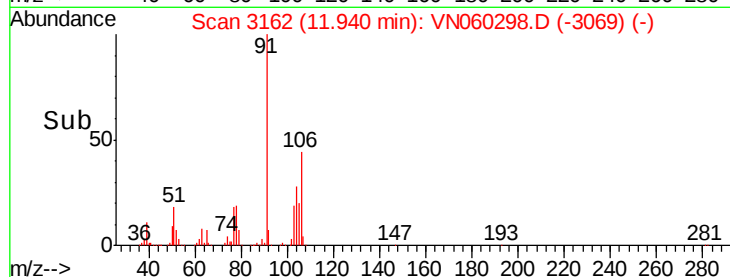
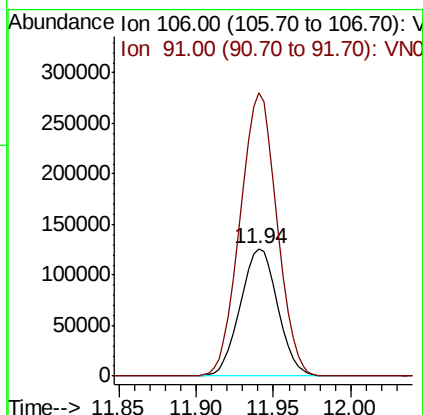
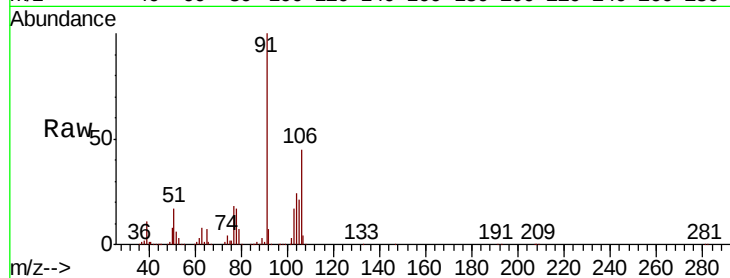




#69
o-Xylene
Concen: 47.081 ug/l
RT: 11.94 min Scan# 3162
Delta R.T. 0.00 min
Lab File: VN060298.D
Acq: 2 Mar 2020 9:29

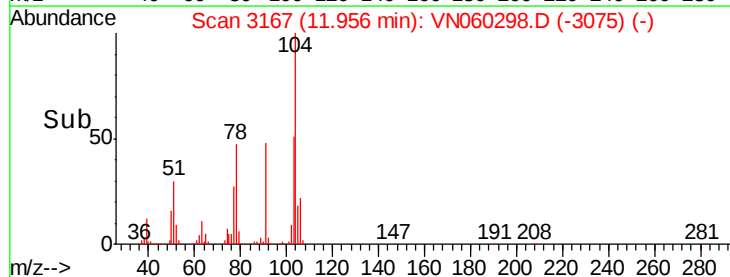
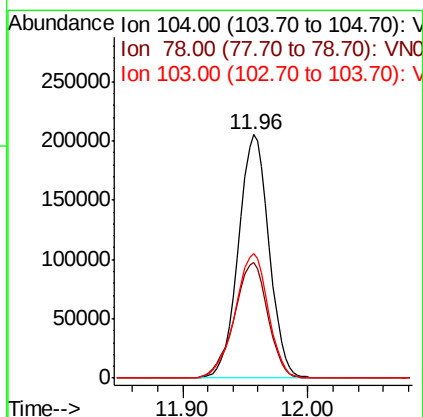
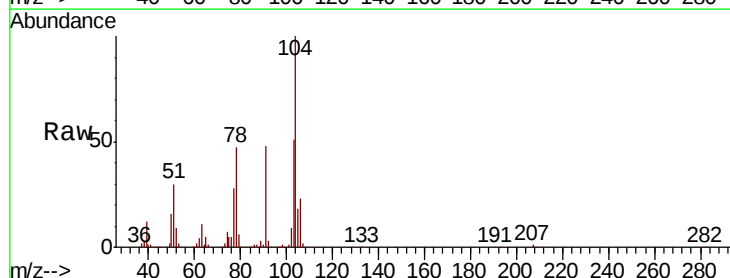
Instrument :
MSVOA_N
ClientSampled :

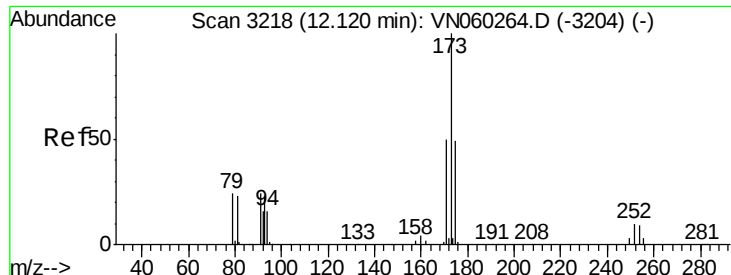
Tot Ion:106 Resp: 212453
Ion Ratio Lower Upper
106 100
91 219.4 109.5 328.4



#70
Styrene
Concen: 46.983 ug/l
RT: 11.96 min Scan# 3167
Delta R.T. -0.00 min
Lab File: VN060298.D
Acq: 2 Mar 2020 9:29

Tgt Ion:104 Resp: 348570
Ion Ratio Lower Upper
104 100
78 52.5 41.2 61.8
103 55.4 43.9 65.9





#71

Bromoform

Concen: 51.147 ug/l

RT: 12.12 min Scan# 3218

Delta R.T. 0.00 min

Lab File: VN060298.D

Acq: 2 Mar 2020 9:29

Instrument :

MSVOA_N

ClientSampleId :

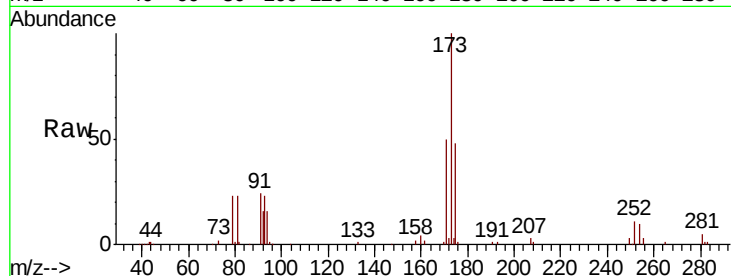
Tot Ion:173 Resp: 93870

Ion Ratio Lower Upper

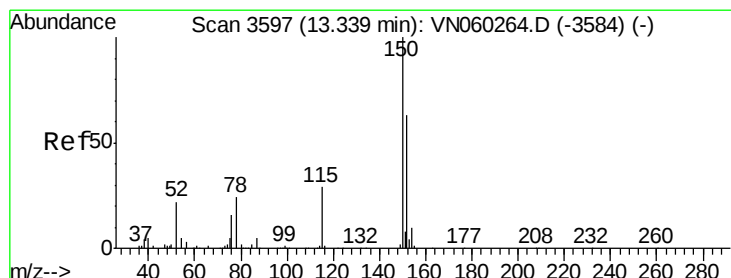
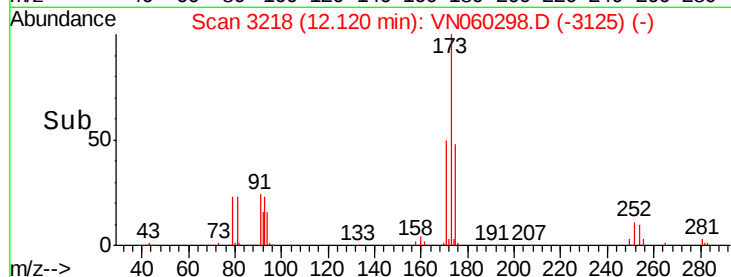
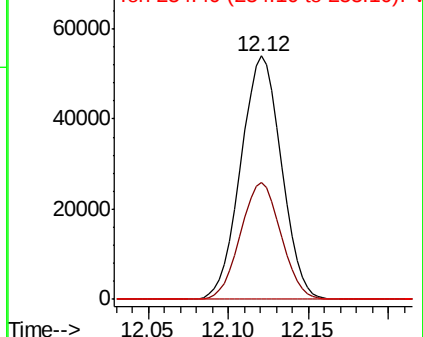
173 100

175 47.8 24.1 72.2

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: VN060298.D

Acq: 2 Mar 2020 9:29

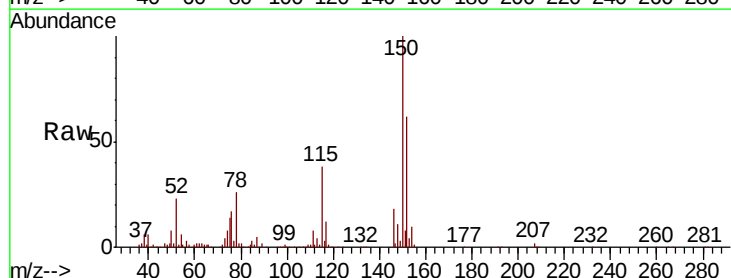
Tgt Ion:152 Resp: 164641

Ion Ratio Lower Upper

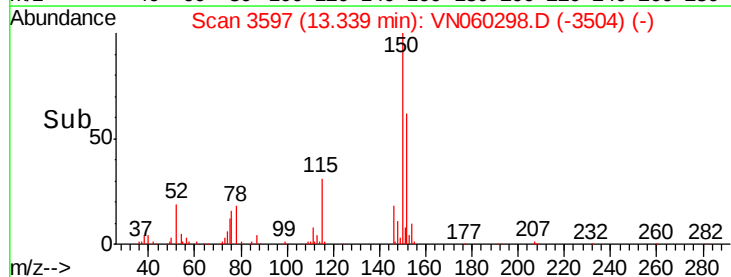
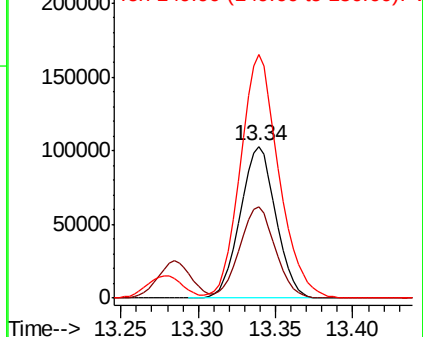
152 100

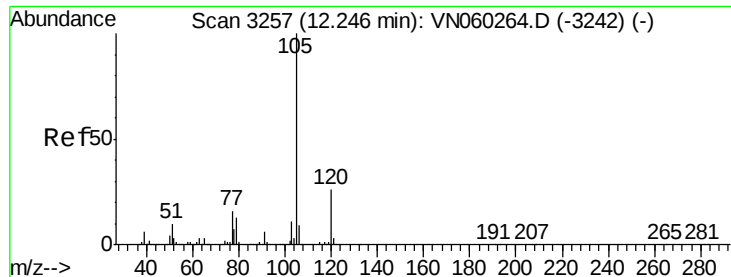
115 60.1 30.0 90.0

150 173.0 0.0 349.6



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





#73

Isopropylbenzene

Concen: 46.998 ug/l

RT: 12.24 min Scan# 3256

Delta R.T. -0.00 min

Lab File: VN060298.D

Acq: 2 Mar 2020 9:29

Instrument :

MSVOA_N

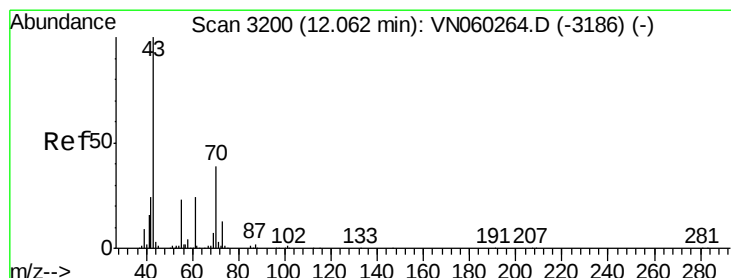
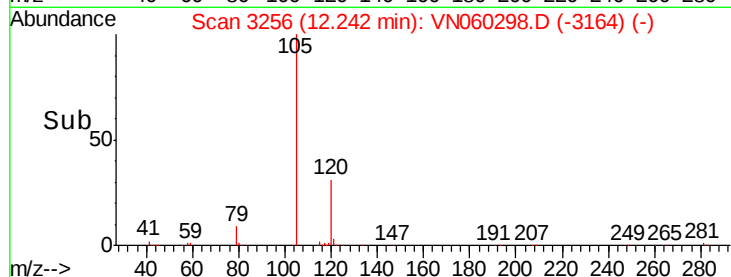
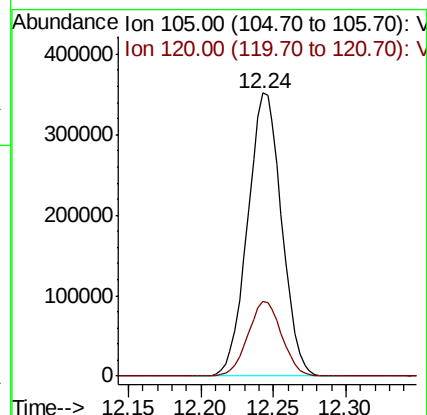
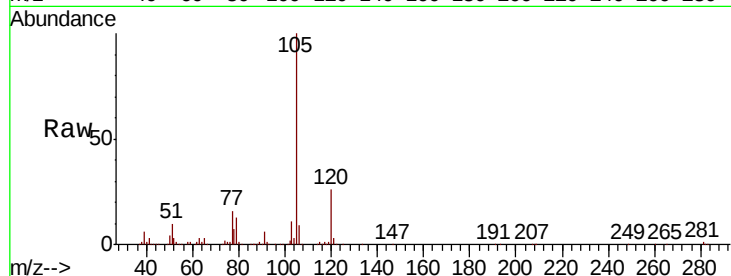
ClientSampled :

Tot Ion: 105 Resp: 573520

Ion Ratio Lower Upper

105 100

120 26.2 13.0 38.9



#74

N-ethyl acetate

Concen: 49.219 ug/l

RT: 12.06 min Scan# 3200

Delta R.T. 0.00 min

Lab File: VN060298.D

Acq: 2 Mar 2020 9:29

Tgt Ion: 43 Resp: 262457

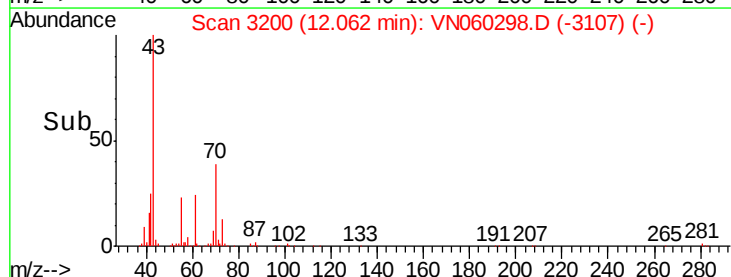
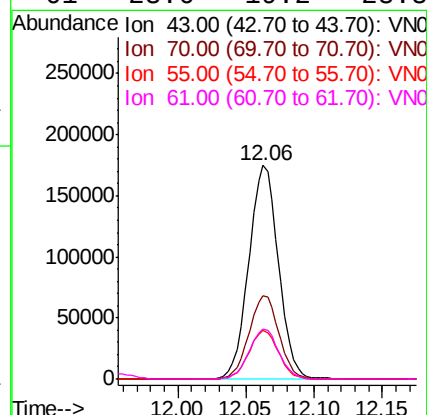
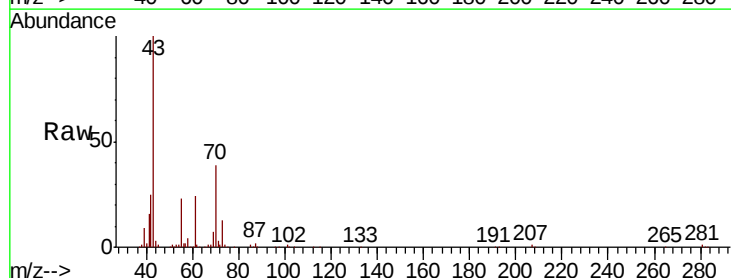
Ion Ratio Lower Upper

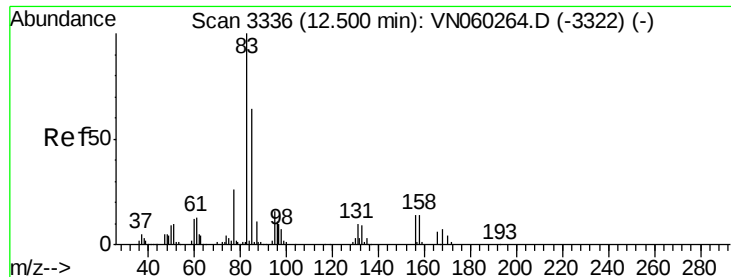
43 100

70 39.6 32.2 48.2

55 22.9 18.2 27.4

61 23.6 19.2 28.8





#75

1,1,2,2-Tetrachloroethane

Concen: 49.436 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. 0.00 min

Lab File: VN060298.D

Acq: 2 Mar 2020 9:29

Instrument :

MSVOA_N

ClientSampleId :

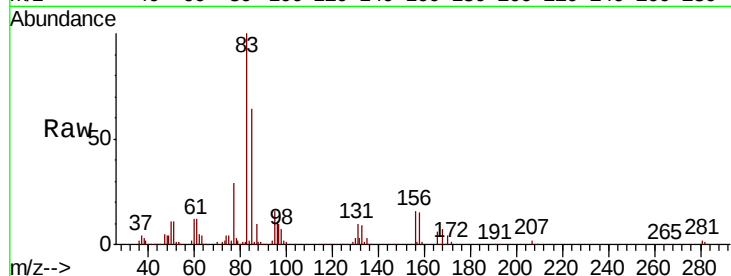
Tot Ion: 83 Resp: 163984

Ion Ratio Lower Upper

83 100

131 9.9 5.1 15.3

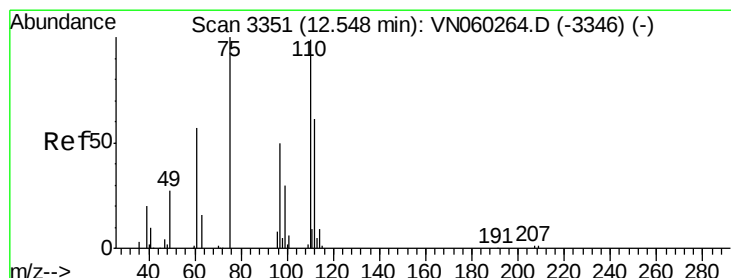
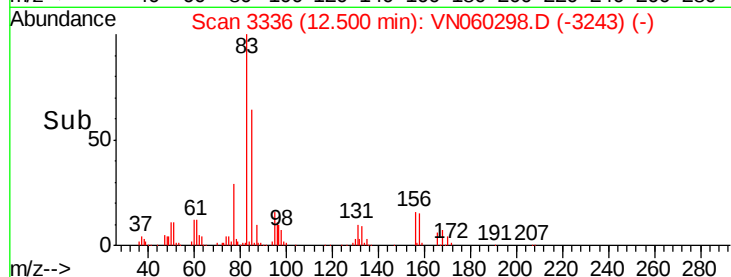
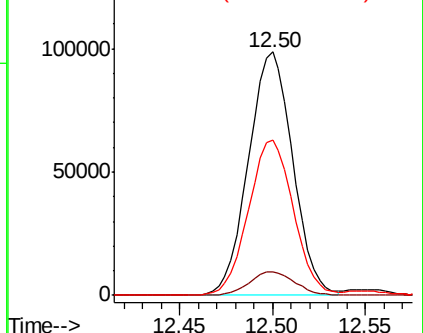
85 64.6 32.3 96.8



Abundance Ion 82.90 (82.60 to 83.60): VN060298.D (-3243) (-)

Ion 130.80 (130.50 to 131.50): VN060298.D (-3243) (-)

Ion 84.90 (84.60 to 85.60): VN060298.D (-3243) (-)



#76

1,2,3-Trichloropropane

Concen: 65.927 ug/l

RT: 12.55 min Scan# 3351

Delta R.T. 0.00 min

Lab File: VN060298.D

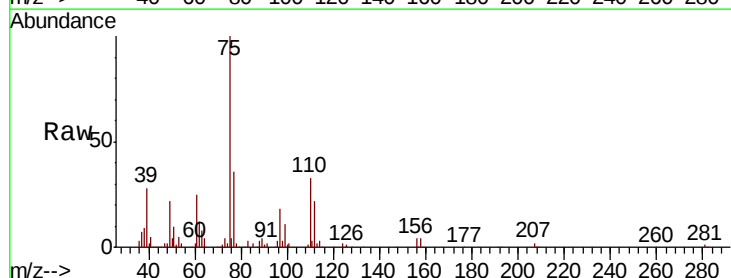
Acq: 2 Mar 2020 9:29

Tgt Ion: 75 Resp: 238142

Ion Ratio Lower Upper

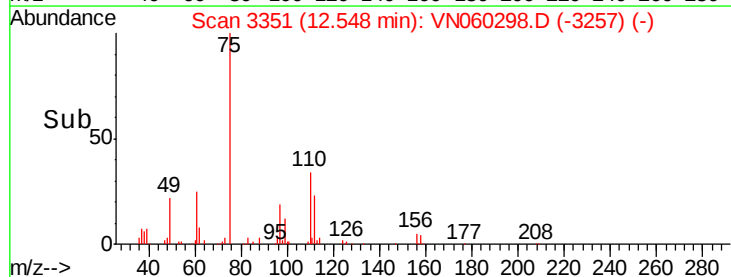
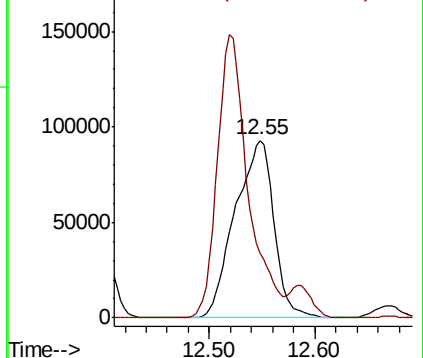
75 100

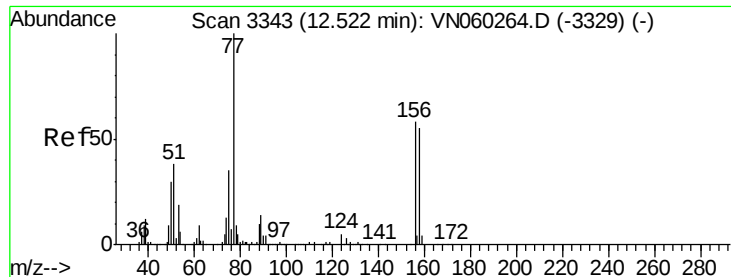
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN060298.D (-3257) (-)

Ion 77.00 (76.70 to 77.70): VN060298.D (-3257) (-)





#77

Bromobenzene

Concen: 46.776 ug/l

RT: 12.52 min Scan# 3342

Delta R.T. -0.00 min

Lab File: VN060298.D

Acq: 2 Mar 2020 9:29

Instrument :

MSVOA_N

ClientSampled :

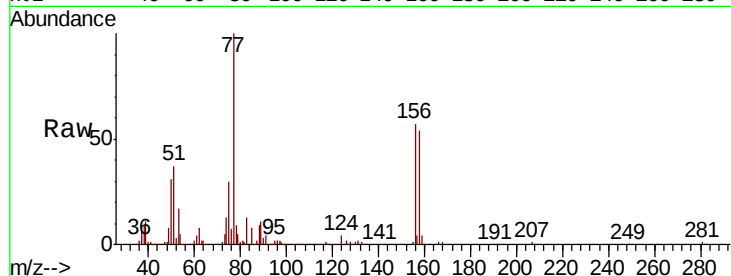
Tot Ion:156 Resp: 139921

Ion Ratio Lower Upper

156 100

77 214.3 106.1 318.3

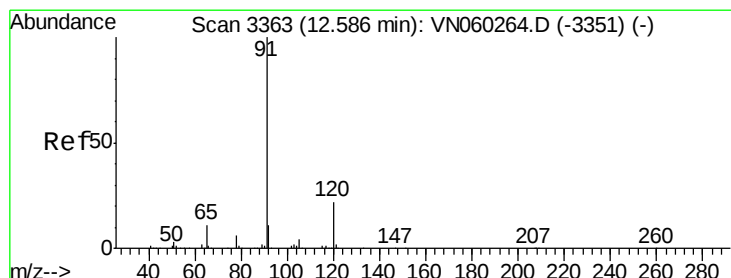
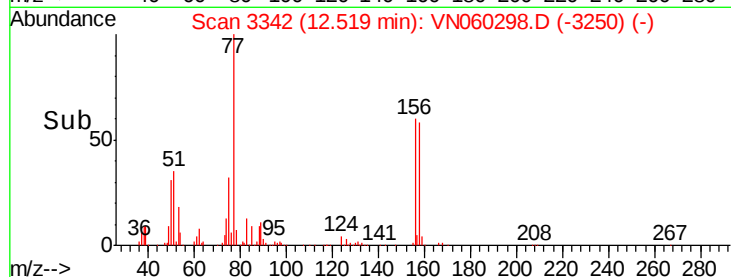
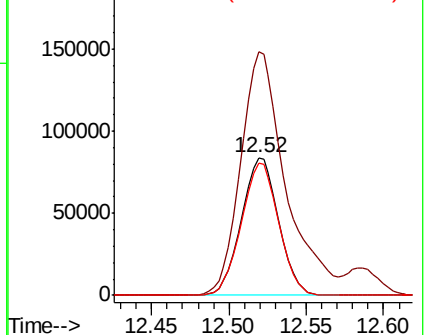
158 96.7 48.3 144.8



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: 46.910 ug/l

RT: 12.59 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN060298.D

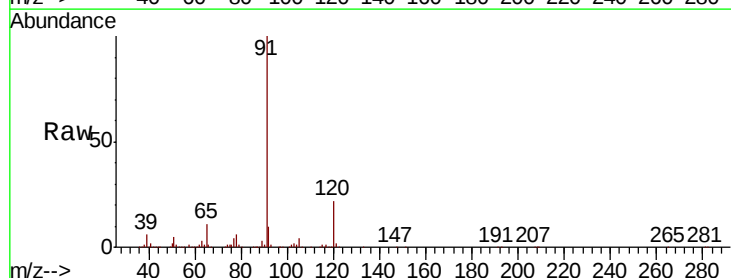
Acq: 2 Mar 2020 9:29

Tgt Ion: 91 Resp: 671008

Ion Ratio Lower Upper

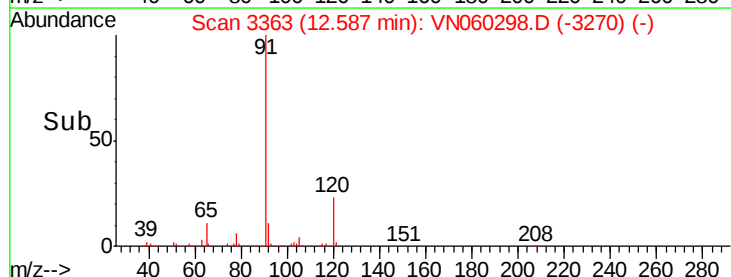
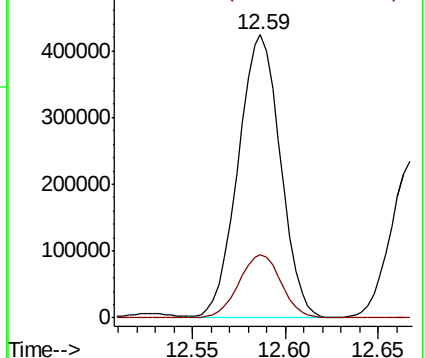
91 100

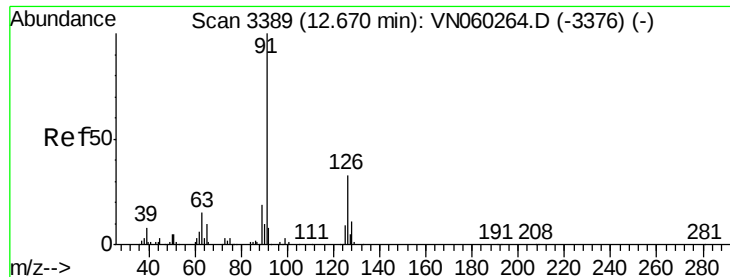
120 22.4 11.3 33.9



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 46.363 ug/l

RT: 12.67 min Scan# 3389

Delta R.T. 0.00 min

Lab File: VN060298.D

Acq: 2 Mar 2020 9:29

Instrument :

MSVOA_N

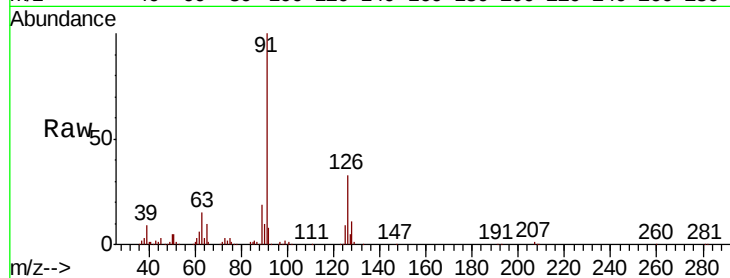
ClientSampled :

Tot Ion: 91 Resp: 389833

Ion Ratio Lower Upper

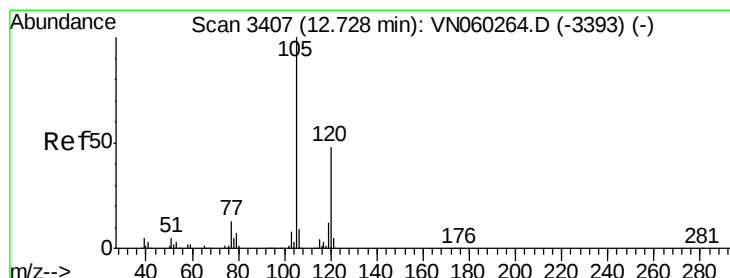
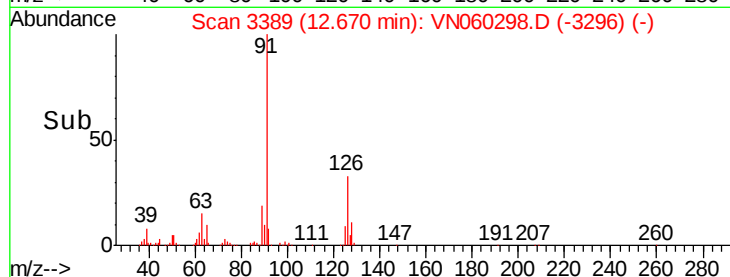
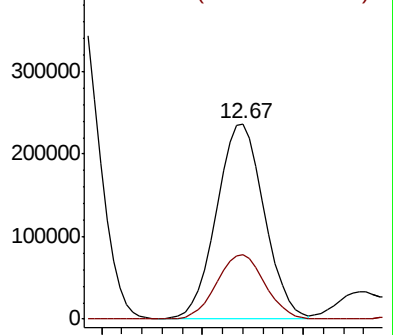
91 100

126 33.5 16.6 49.8



Abundance Ion 91.00 (90.70 to 91.70): VN060264.D (-3376) (-)

Ion 125.90 (125.60 to 126.60): VN060264.D (-3376) (-)



#80

1,3,5-Trimethylbenzene

Concen: 47.710 ug/l

RT: 12.73 min Scan# 3407

Delta R.T. 0.00 min

Lab File: VN060298.D

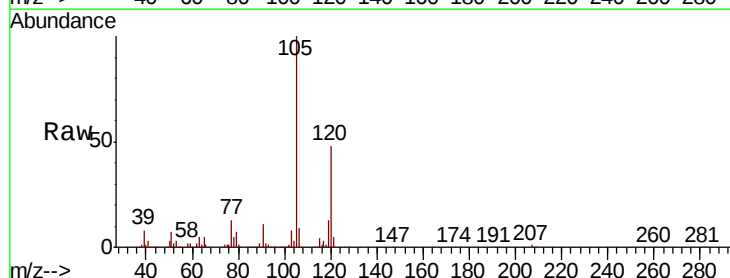
Acq: 2 Mar 2020 9:29

Tgt Ion: 105 Resp: 490189

Ion Ratio Lower Upper

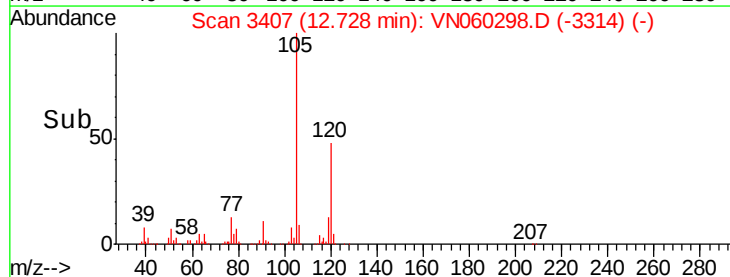
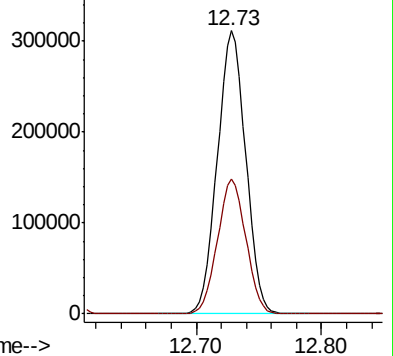
105 100

120 47.7 24.1 72.4



Abundance Ion 105.00 (104.70 to 105.70): VN060264.D (-3393) (-)

Ion 120.00 (119.70 to 120.70): VN060264.D (-3393) (-)

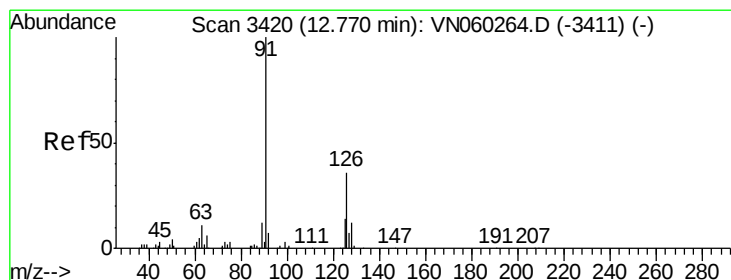
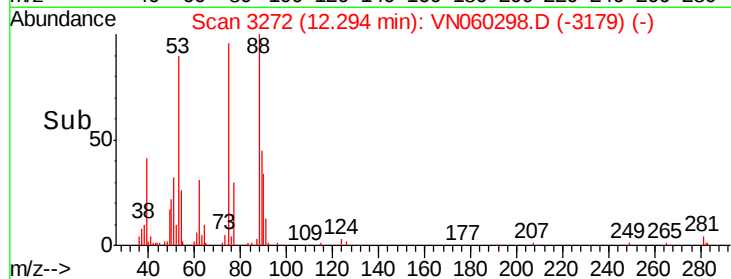
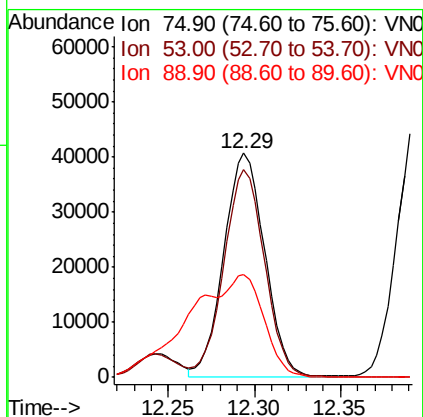
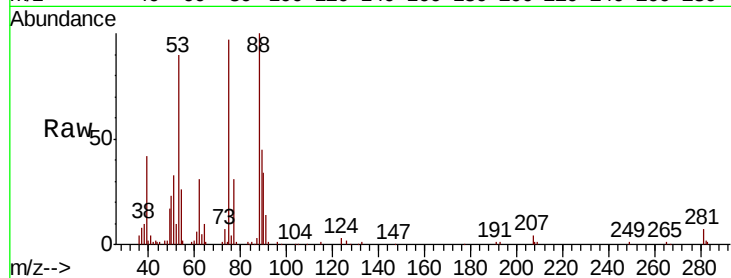




#81
trans-1,4-Dichloro-2-butene
Concen: 51.457 ug/l
RT: 12.29 min Scan# 3272
Delta R.T. 0.00 min
Lab File: VN060298.D
Acq: 2 Mar 2020 9:29

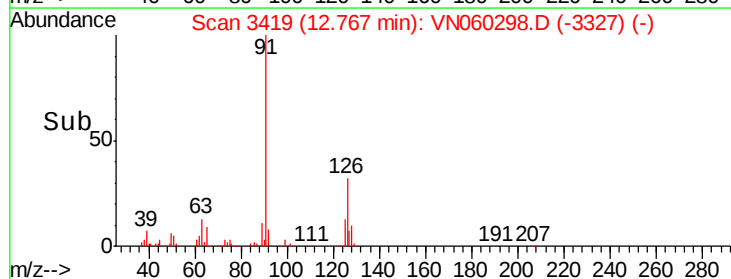
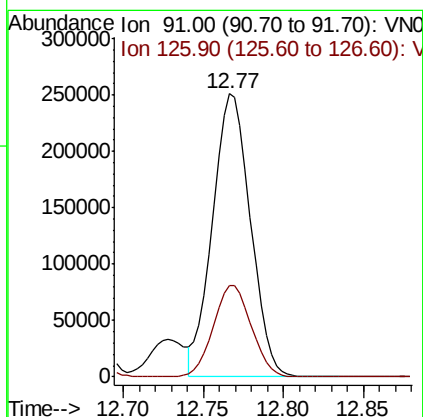
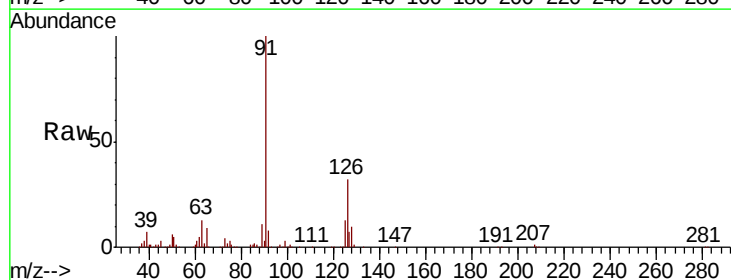
Instrument :
MSVOA_N
ClientSampleId :

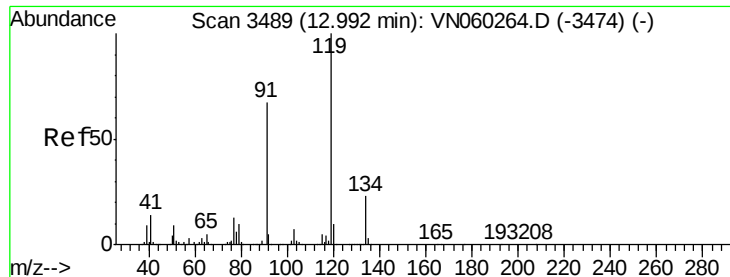
Tot Ion: 75 Resp: 67335
Ion Ratio Lower Upper
75 100
53 92.4 73.8 110.6
89 0.0 57.1 85.7#



#82
4-Chlorotoluene
Concen: 46.210 ug/l
RT: 12.77 min Scan# 3419
Delta R.T. -0.00 min
Lab File: VN060298.D
Acq: 2 Mar 2020 9:29

Tgt Ion: 91 Resp: 409364
Ion Ratio Lower Upper
91 100
126 32.6 16.7 50.1

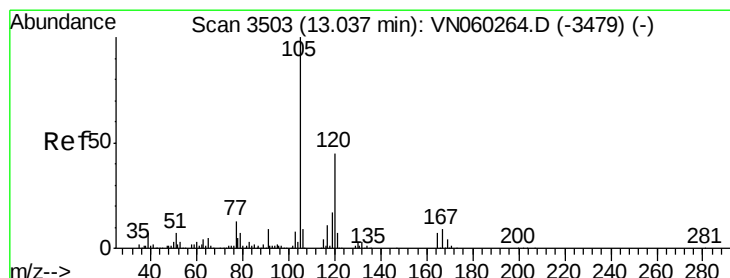
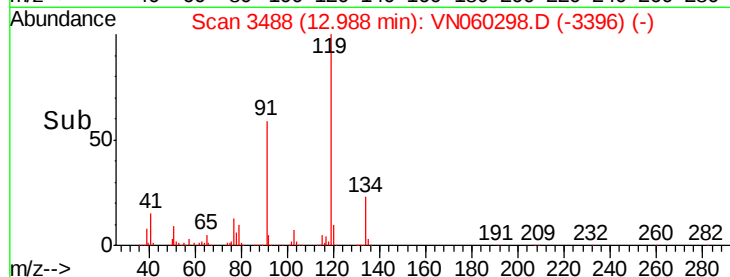
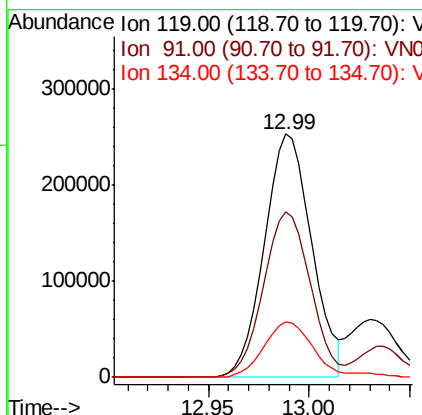
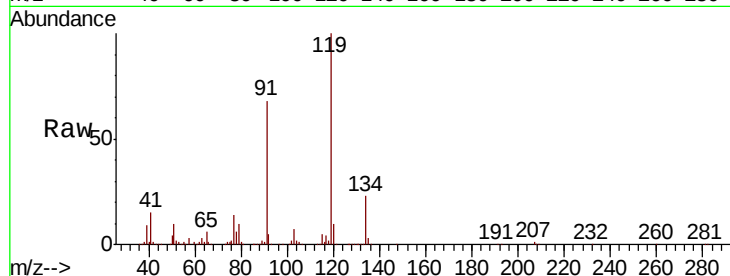




#83
tert-Butylbenzene
Concen: 46.435 ug/l
RT: 12.99 min Scan# 3488
Delta R.T. -0.00 min
Lab File: VN060298.D
Acq: 2 Mar 2020 9:29

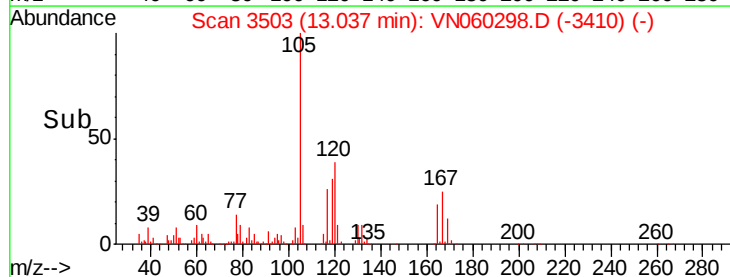
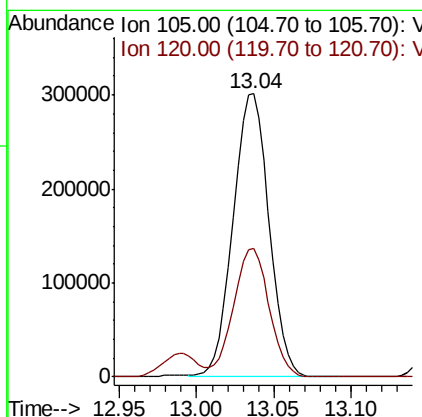
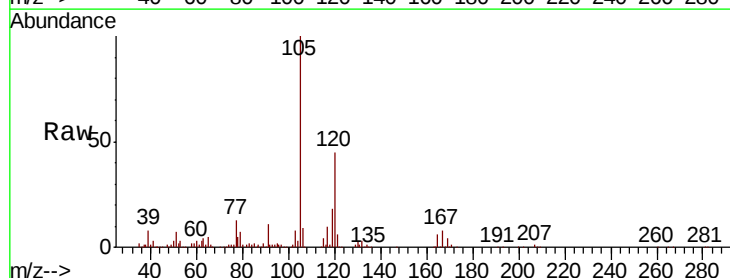
Instrument :
MSVOA_N
ClientSampled :

Tot Ion:119 Resp: 413066
Ion Ratio Lower Upper
119 100
91 67.7 33.1 99.2
134 24.4 12.4 37.0



#84
1,2,4-Trimethylbenzene
Concen: 46.790 ug/l
RT: 13.04 min Scan# 3503
Delta R.T. 0.00 min
Lab File: VN060298.D
Acq: 2 Mar 2020 9:29

Tgt Ion:105 Resp: 485233
Ion Ratio Lower Upper
105 100
120 44.8 22.3 66.9

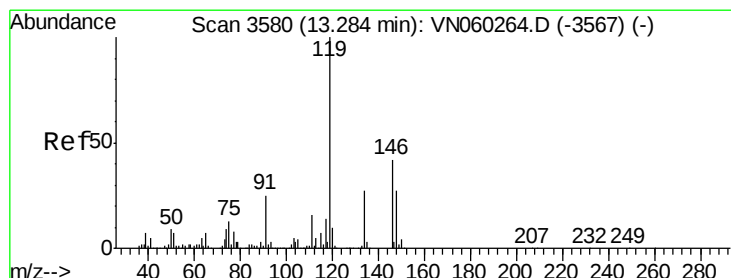
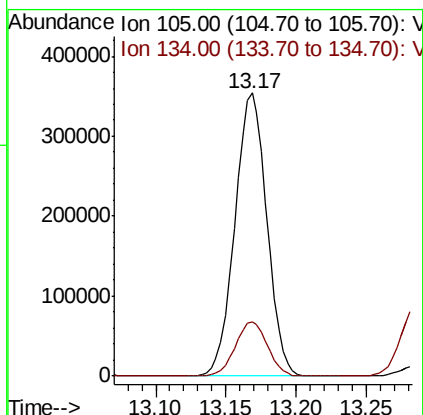
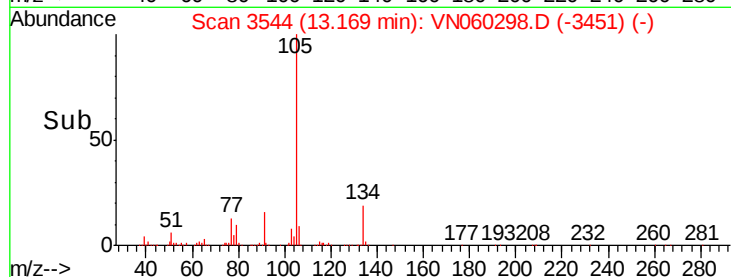
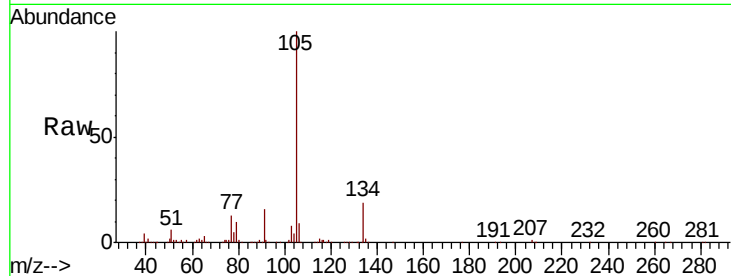




#85
 sec-Butylbenzene
 Concen: 47.112 ug/l
 RT: 13.17 min Scan# 3544
 Delta R.T. 0.00 min
 Lab File: VN060298.D
 Acq: 2 Mar 2020 9:29

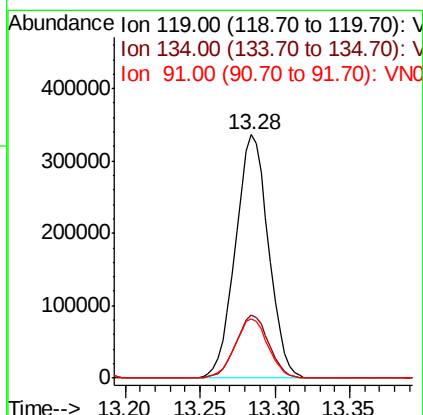
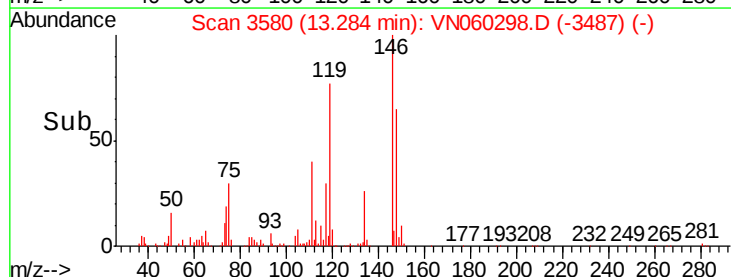
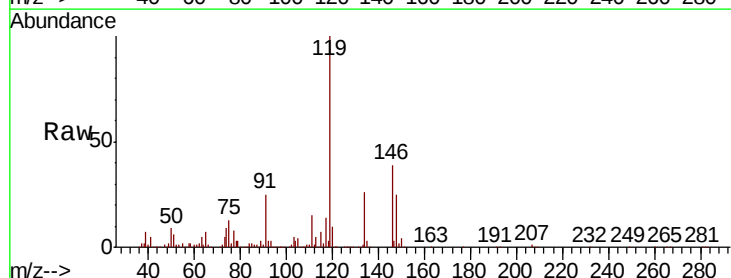
Instrument :
 MSVOA_N
 ClientSampleId :

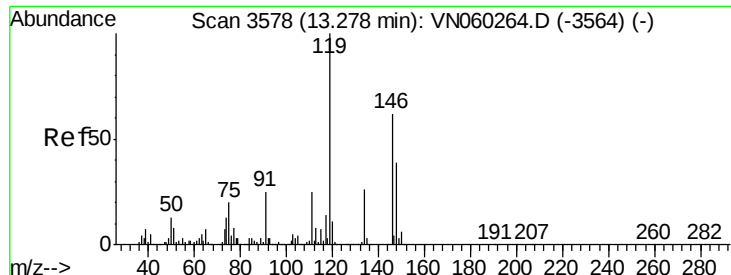
Tot Ion:105 Resp: 561202
 Ion Ratio Lower Upper
 105 100
 134 19.5 9.8 29.5



#86
 p-Isopropyltoluene
 Concen: 46.587 ug/l
 RT: 13.28 min Scan# 3580
 Delta R.T. 0.00 min
 Lab File: VN060298.D
 Acq: 2 Mar 2020 9:29

Tgt Ion:119 Resp: 513639
 Ion Ratio Lower Upper
 119 100
 134 25.8 13.2 39.6
 91 24.5 12.2 36.6





#87

1,3-Dichlorobenzene

Concen: 48.547 ug/l

RT: 13.28 min Scan# 3578

Delta R.T. 0.00 min

Lab File: VN060298.D

Acq: 2 Mar 2020 9:29

Instrument :

MSVOA_N

ClientSampled :

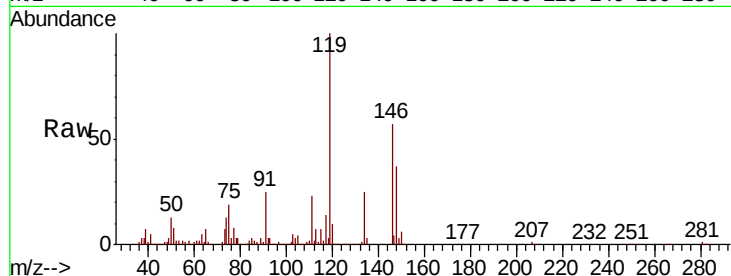
Tot Ion:146 Resp: 249555

Ion Ratio Lower Upper

146 100

111 40.1 20.0 59.9

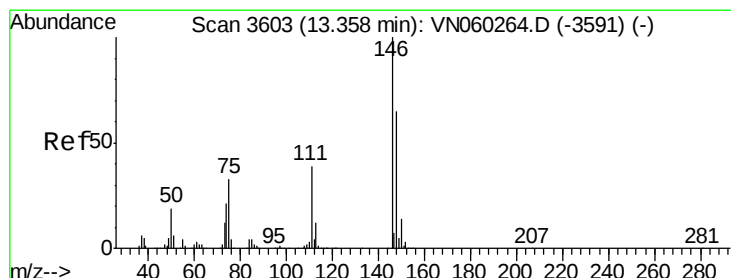
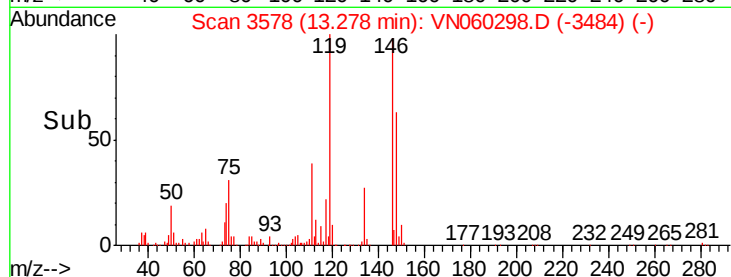
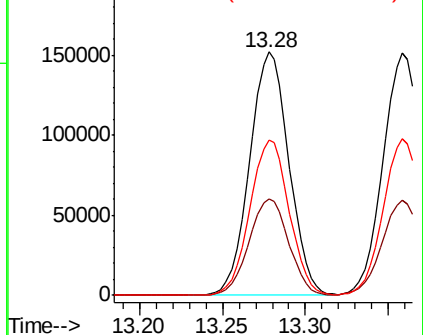
148 64.0 32.1 96.3



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 48.735 ug/l

RT: 13.36 min Scan# 3603

Delta R.T. 0.00 min

Lab File: VN060298.D

Acq: 2 Mar 2020 9:29

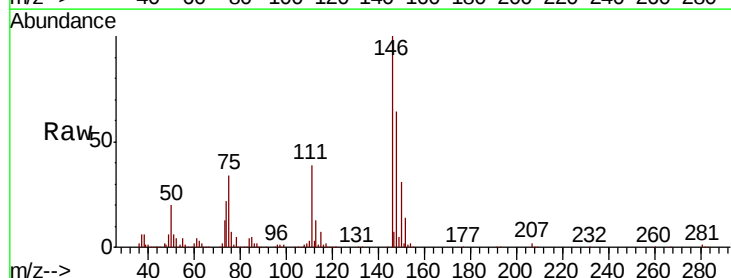
Tgt Ion:146 Resp: 249120

Ion Ratio Lower Upper

146 100

111 39.6 19.8 59.4

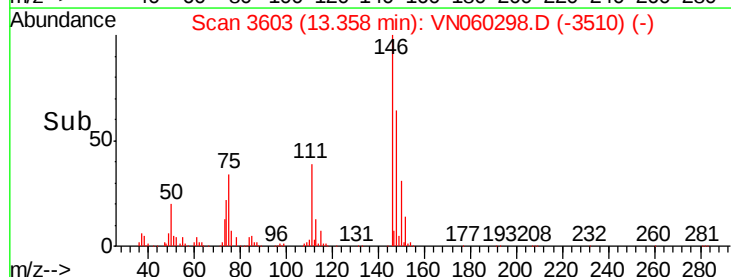
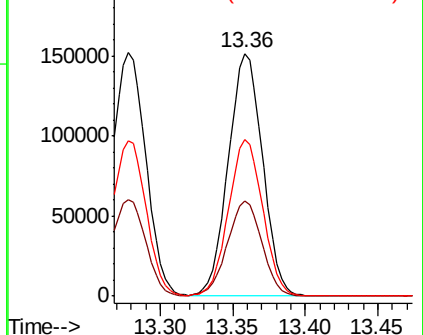
148 64.4 32.3 96.9

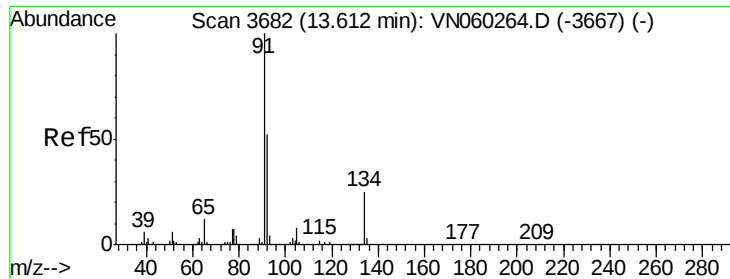


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 46.159 ug/l

RT: 13.61 min Scan# 3682

Delta R.T. 0.00 min

Lab File: VN060298.D

Acq: 2 Mar 2020 9:29

Instrument :

MSVOA_N

ClientSampleId :

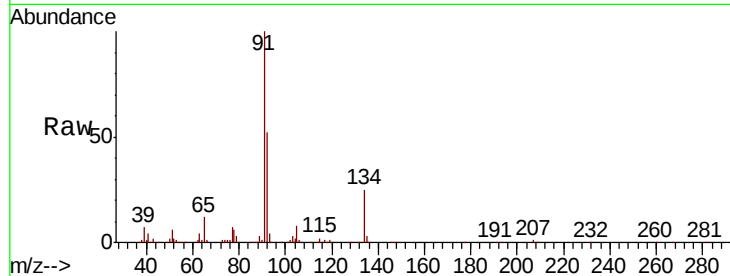
Tot Ion: 91 Resp: 467176

Ion Ratio Lower Upper

91 100

92 52.4 26.0 78.0

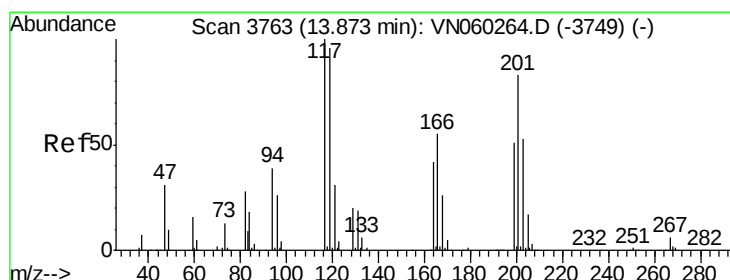
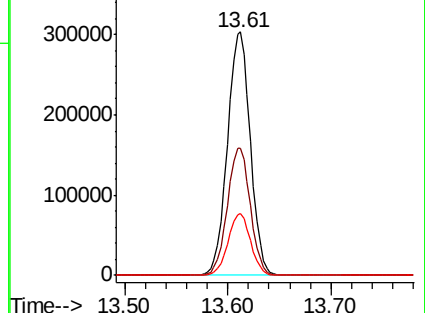
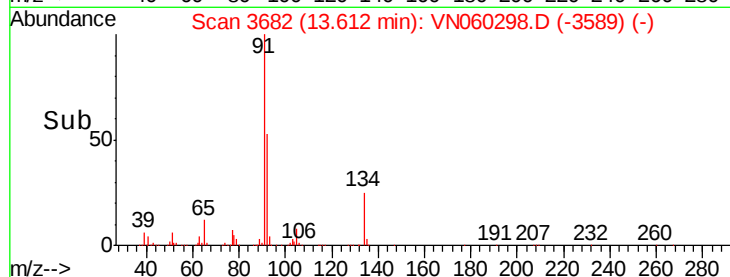
134 25.2 12.7 38.1



Abundance Ion 91.00 (90.70 to 91.70): VN060298.D (-3667) (-)

Ion 92.00 (91.70 to 92.70): VN060298.D (-3667) (-)

Ion 134.00 (133.70 to 134.70): VN060298.D (-3667) (-)



#90

Hexachloroethane

Concen: 47.339 ug/l

RT: 13.87 min Scan# 3763

Delta R.T. 0.00 min

Lab File: VN060298.D

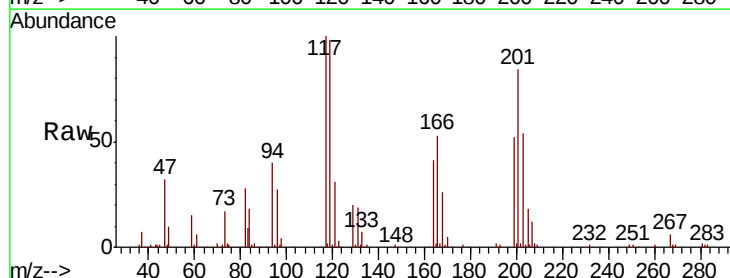
Acq: 2 Mar 2020 9:29

Tgt Ion: 117 Resp: 75547

Ion Ratio Lower Upper

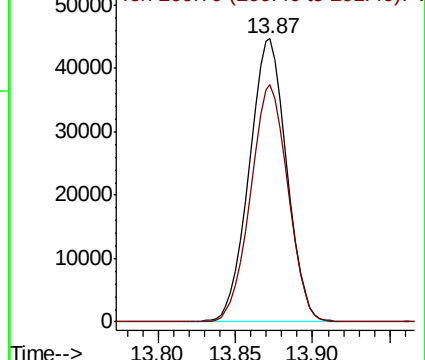
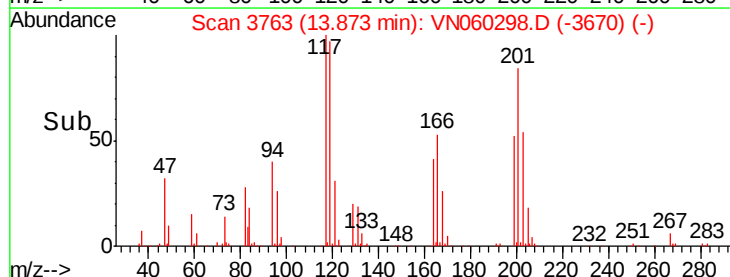
117 100

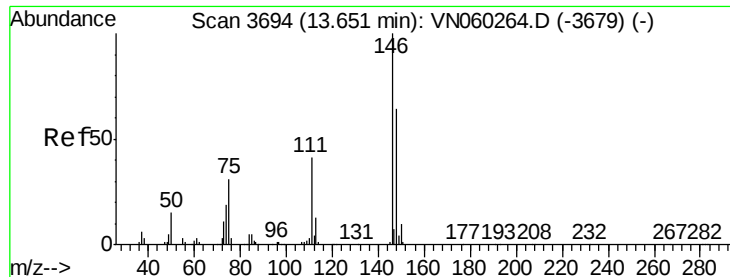
201 83.5 41.0 123.0



Abundance Ion 116.80 (116.50 to 117.50): VN060298.D (-3749) (-)

Ion 200.70 (200.40 to 201.40): VN060298.D (-3749) (-)

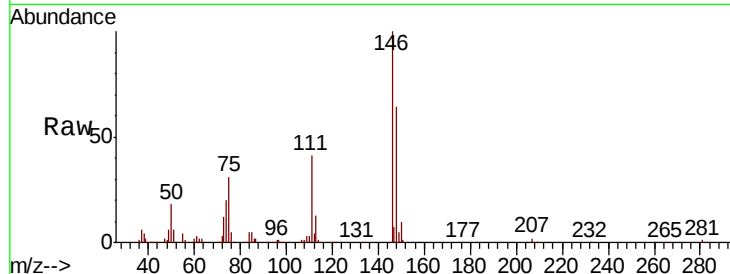




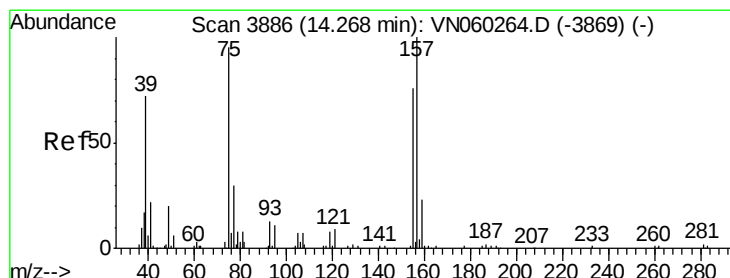
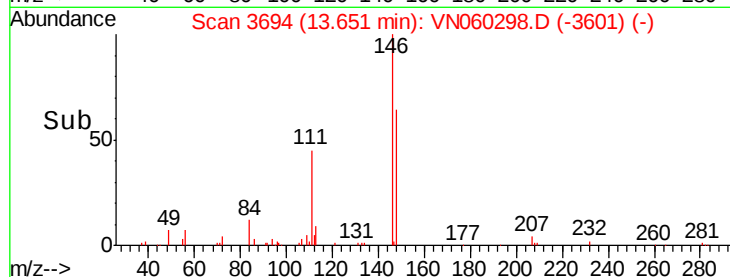
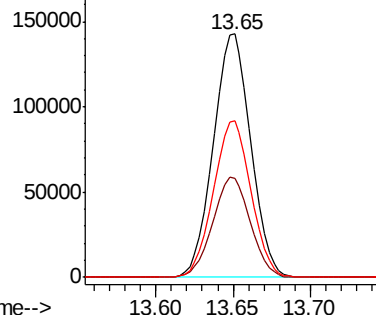
#91
 1,2-Dichlorobenzene
 Concen: 45.826 ug/l
 RT: 13.65 min Scan# 3694
 Delta R.T. 0.00 min
 Lab File: VN060298.D
 Acq: 2 Mar 2020 9:29

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.3	20.3	61.0
148	64.6	31.8	95.3

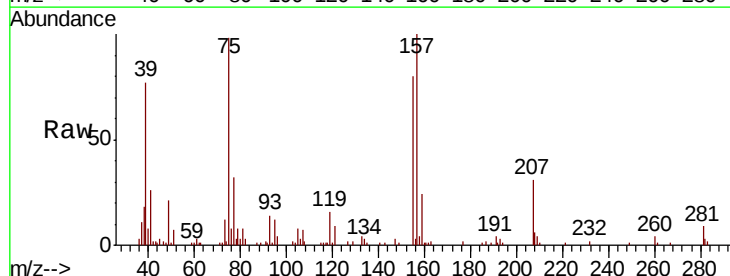


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

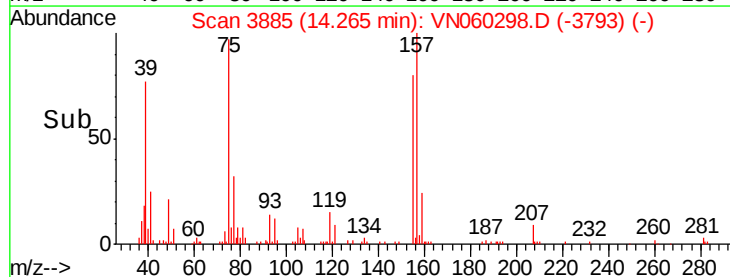
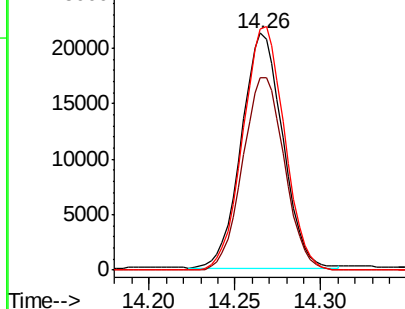


#92
 1,2-Dibromo-3-Chloropropane
 Concen: 46.891 ug/l
 RT: 14.26 min Scan# 3885
 Delta R.T. -0.00 min
 Lab File: VN060298.D
 Acq: 2 Mar 2020 9:29

Tgt Ion	Ratio	Lower	Upper
75	100		
155	83.1	40.4	121.2
157	104.4	52.5	157.5



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

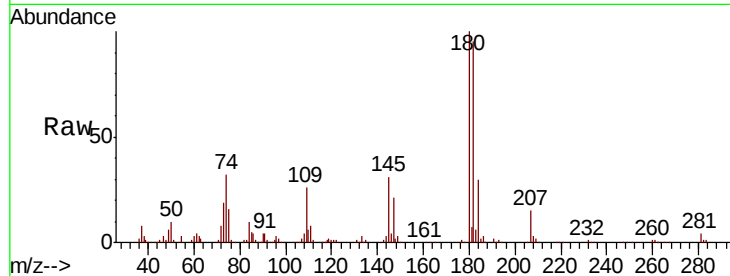




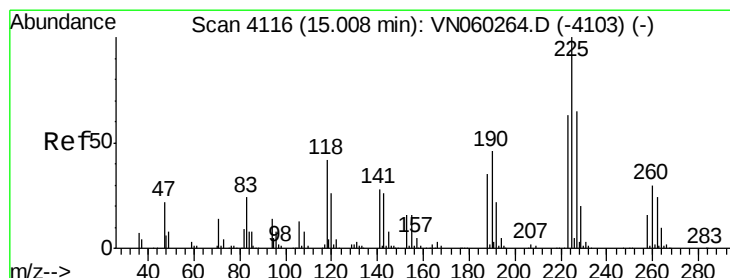
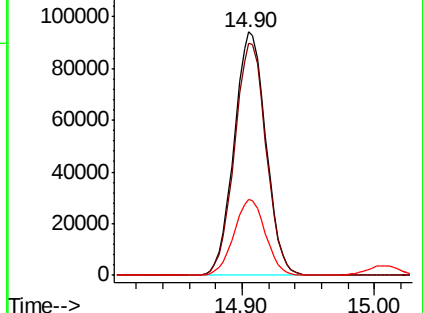
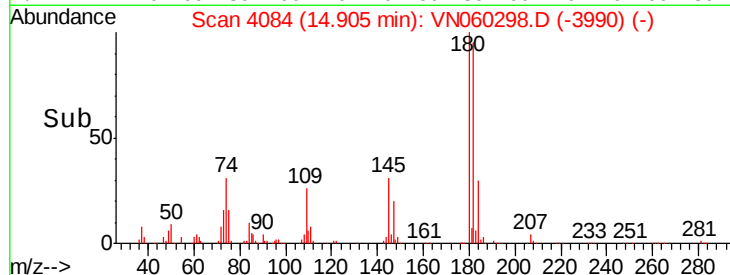
#93
 1,2,4-Trichlorobenzene
 Concen: 46.989 ug/l
 RT: 14.90 min Scan# 4084
 Delta R.T. 0.00 min
 Lab File: VN060298.D
 Acq: 2 Mar 2020 9:29

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.9	47.8	143.3
145	31.1	15.4	46.1

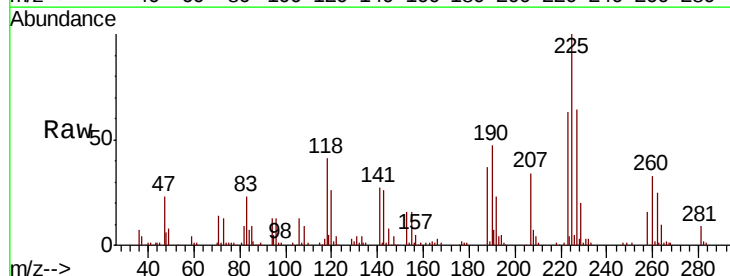


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

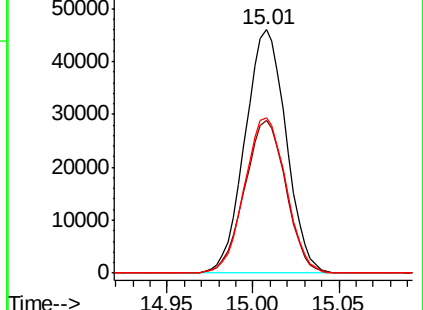
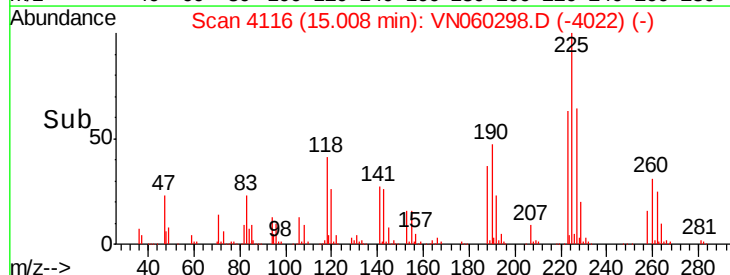


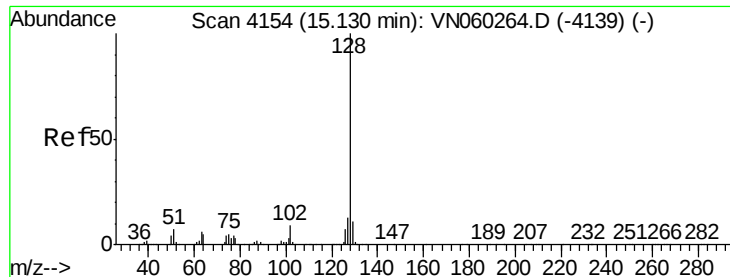
#94
 Hexachlorobutadiene
 Concen: 49.896 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN060298.D
 Acq: 2 Mar 2020 9:29

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.0	31.3	93.9
227	64.4	32.3	96.9



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: 46.577 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN060298.D

Acq: 2 Mar 2020 9:29

Instrument :

MSVOA_N

ClientSampleId :

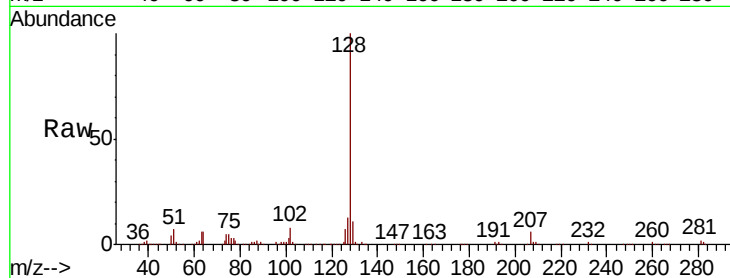
Tot Ion:128 Resp: 457101

Ion Ratio Lower Upper

128 100

127 13.0 10.4 15.6

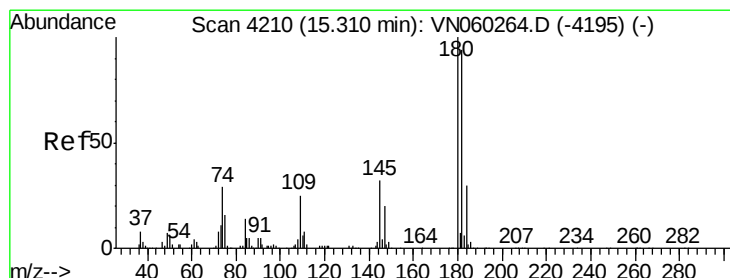
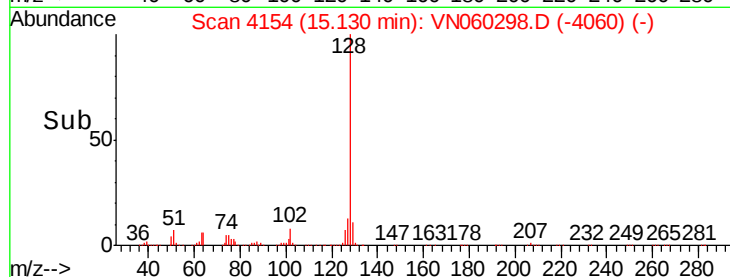
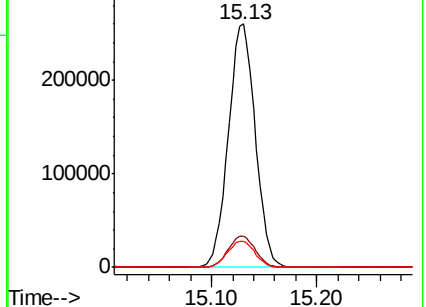
129 11.0 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 46.923 ug/l

RT: 15.31 min Scan# 4210

Delta R.T. 0.00 min

Lab File: VN060298.D

Acq: 2 Mar 2020 9:29

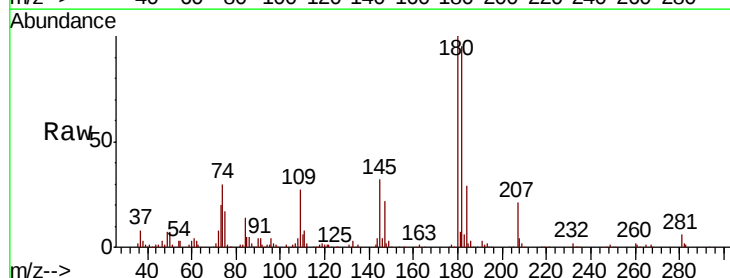
Tgt Ion:180 Resp: 147214

Ion Ratio Lower Upper

180 100

182 95.7 47.3 142.0

145 32.2 16.2 48.5



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

