

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN050120\
 Data File : VN061249.D
 Acq On : 2 May 2020 3:37
 Operator : JC/MD
 Sample : VN0501WBSD02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: May 04 06:47:26 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042720W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 29 08:14:26 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	114796	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.54	114	197192	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	183205	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	86234	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.98	65	87228	48.02	ug/l	0.00
Spiked Amount			Recovery	=	96.04%	
35) Dibromofluoromethane	7.54	113	49647	42.58	ug/l	0.00
Spiked Amount			Recovery	=	85.16%	
50) Toluene-d8	10.06	98	233274	49.08	ug/l	0.00
Spiked Amount			Recovery	=	98.16%	
62) 4-Bromofluorobenzene	12.37	95	84696	47.35	ug/l	0.00
Spiked Amount			Recovery	=	94.70%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	22695	18.643	ug/l	99
3) Chloromethane	2.03	50	31435	21.322	ug/l	99
4) Vinyl Chloride	2.16	62	33803	20.186	ug/l	99
5) Bromomethane	2.54	94	14353	17.340	ug/l	98
6) Chloroethane	2.67	64	19712	18.572	ug/l	98
7) Trichlorofluoromethane	2.98	101	39698	21.013	ug/l	97
8) Diethyl Ether	3.36	74	16595	21.059	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	3.71	101	23706	19.477	ug/l	99
10) Methyl Iodide	3.90	142	26012	16.630	ug/l	99
11) Tert butyl alcohol	4.72	59	24521	100.775	ug/l #	85
12) 1,1-Dichloroethene	3.69	96	22849	18.865	ug/l	99
13) Acrolein	3.56	56	10142	62.546	ug/l	97
14) Allyl chloride	4.27	41	45408	20.219	ug/l	99
15) Acrylonitrile	4.92	53	73011	97.747	ug/l	99
16) Acetone	3.77	43	68463	94.009	ug/l	100
17) Carbon Disulfide	4.00	76	58159	17.383	ug/l	99
18) Methyl Acetate	4.27	43	40601	18.146	ug/l	97
19) Methyl tert-butyl Ether	4.98	73	86283	18.643	ug/l	99
20) Methylene Chloride	4.49	84	26763	18.895	ug/l	97
21) trans-1,2-Dichloroethene	4.98	96	25279	19.167	ug/l	97
22) Diisopropyl ether	5.89	45	103986	19.968	ug/l	98
23) Vinyl Acetate	5.83	43	394679	94.124	ug/l	100
24) 1,1-Dichloroethane	5.79	63	52350	19.240	ug/l	98
25) 2-Butanone	6.78	43	100229	93.250	ug/l	99
26) 2,2-Dichloropropane	6.77	77	34031	14.849	ug/l	98
27) cis-1,2-Dichloroethene	6.77	96	28638	18.503	ug/l	99
28) Bromochloromethane	7.14	49	24793	19.224	ug/l	96
29) Tetrahydrofuran	7.16	42	69657	96.207	ug/l	97
30) Chloroform	7.32	83	50244	18.222	ug/l	100
31) Cyclohexane	7.61	56	46660	17.658	ug/l	97
32) 1,1,1-Trichloroethane	7.52	97	42931	17.880	ug/l	99
36) 1,1-Dichloropropene	7.75	75	37023	18.755	ug/l	100
37) Ethyl Acetate	6.87	43	43658	18.865	ug/l	99
38) Carbon Tetrachloride	7.73	117	31867	19.171	ug/l	97

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Instrument :
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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.04	83	38965	17.601	ug/l	96
40) Benzene	8.00	78	112580	19.143	ug/l	99
41) Methacrylonitrile	7.12	41	20502	21.338	ug/l #	100
42) 1,2-Dichloroethane	8.08	62	42095	18.894	ug/l	99
43) Isopropyl Acetate	8.12	43	70933	18.469	ug/l	99
44) Trichloroethene	8.80	130	27273	17.155	ug/l	99
45) 1,2-Dichloropropane	9.08	63	30894	19.663	ug/l	97
46) Dibromomethane	9.17	93	18401	18.915	ug/l	99
47) Bromodichloromethane	9.36	83	39484	18.910	ug/l	97
48) Methyl methacrylate	9.16	41	31688	18.284	ug/l	98
49) 1,4-Dioxane	9.16	88	7703	391.558	ug/l	98
51) 4-Methyl-2-Pentanone	9.95	43	215090	95.145	ug/l	99
52) Toluene	10.12	92	66630	18.810	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	41856	17.790	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	45521	18.301	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	25972	18.382	ug/l	96
56) Ethyl methacrylate	10.40	69	39521	17.903	ug/l	98
57) 1,3-Dichloropropane	10.68	76	47406	19.088	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	105362	92.125	ug/l	98
59) 2-Hexanone	10.72	43	152846	92.934	ug/l	99
60) Dibromochloromethane	10.87	129	26930	18.198	ug/l	99
61) 1,2-Dibromoethane	10.98	107	25774	18.200	ug/l	98
64) Tetrachloroethene	10.60	164	27189	17.135	ug/l	99
65) Chlorobenzene	11.40	112	67198	18.491	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	24312	18.691	ug/l	99
67) Ethyl Benzene	11.48	91	125986	18.519	ug/l	99
68) m/p-Xylenes	11.59	106	91784	36.859	ug/l	98
69) o-Xylene	11.92	106	43302	18.103	ug/l	98
70) Styrene	11.94	104	72454	18.098	ug/l	98
71) Bromoform	12.10	173	17448	18.252	ug/l #	100
73) Isopropylbenzene	12.22	105	117682	18.563	ug/l	100
74) N-amyl acetate	12.04	43	58008	18.070	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	36868	18.651	ug/l	98
76) 1,2,3-Trichloropropane	12.53	75	50036	27.522	ug/l #	100
77) Bromobenzene	12.50	156	27524	18.808	ug/l	99
78) n-propylbenzene	12.56	91	143871	19.134	ug/l	99
79) 2-Chlorotoluene	12.65	91	83642	18.925	ug/l	98
80) 1,3,5-Trimethylbenzene	12.71	105	98483	18.770	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	12287	17.163	ug/l	96
82) 4-Chlorotoluene	12.75	91	89025	19.112	ug/l	99
83) tert-Butylbenzene	12.97	119	80339	18.159	ug/l	98
84) 1,2,4-Trimethylbenzene	13.01	105	99959	18.491	ug/l	99
85) sec-Butylbenzene	13.15	105	114887	19.047	ug/l	99
86) p-Isopropyltoluene	13.26	119	101728	18.718	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	49804	18.487	ug/l	98
88) 1,4-Dichlorobenzene	13.34	146	50880	18.484	ug/l	97
89) n-Butylbenzene	13.59	91	93497	18.766	ug/l	98
90) Hexachloroethane	13.85	117	11995	25.559	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	47979	18.574	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.25	75	7333	17.565	ug/l	100

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ClientSampleId :

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Quant Title : SW846 8260
QLast Update : Wed Apr 29 08:14:26 2020
Response via : Initial Calibration

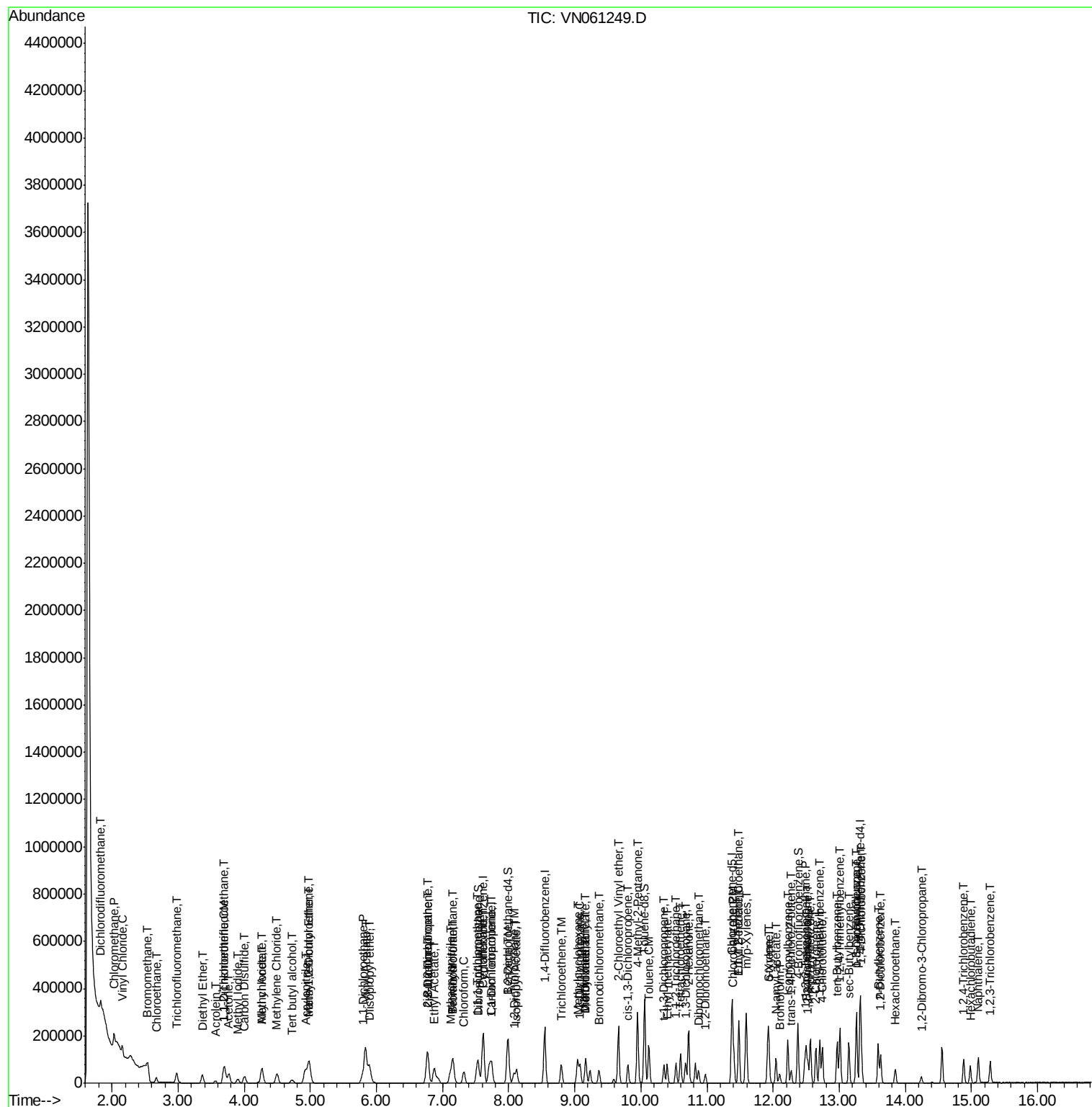
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	28087	17.856	ug/l	98
94) Hexachlorobutadiene	14.98	225	13147	20.006	ug/l	97
95) Naphthalene	15.10	128	87214	17.025	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	28264	18.199	ug/l	99

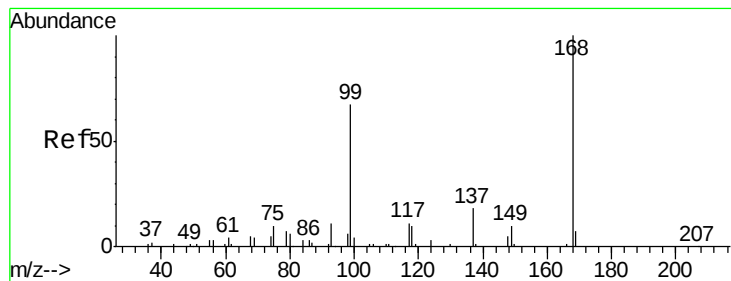
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Quant Title : SW846 8260
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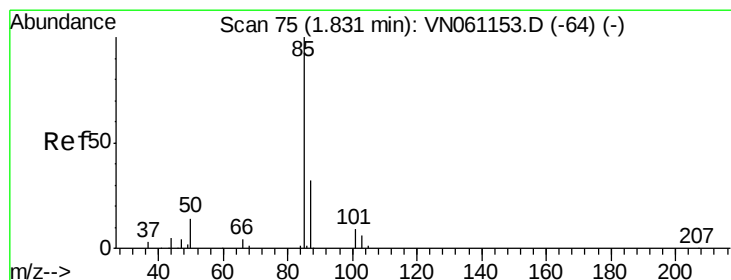
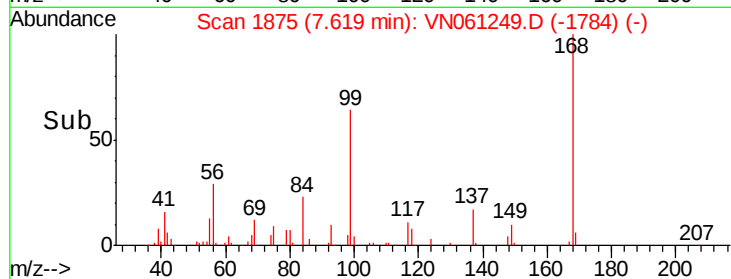
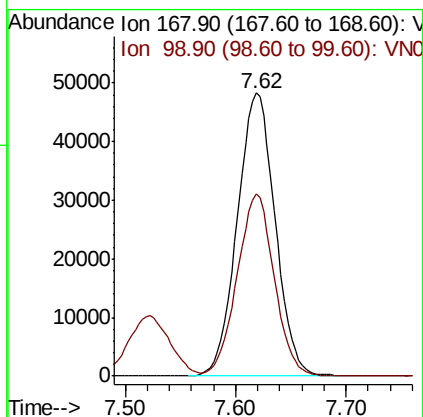
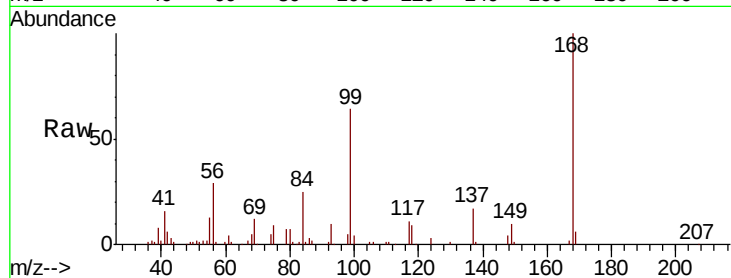


#1

Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 7.62 min Scan# 1875
 Delta R.T. -0.01 min
 Lab File: VN061249.D
 Acq: 2 May 2020 3:37

Instrument :
 MSVOA_N
 ClientSampled :

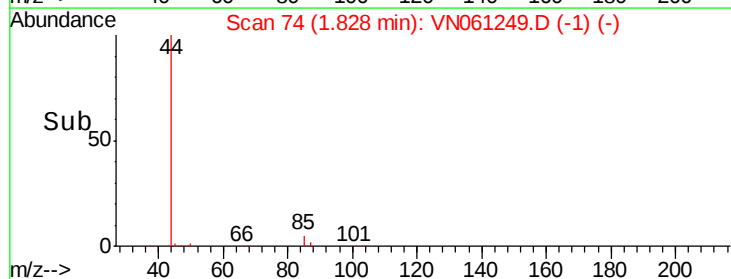
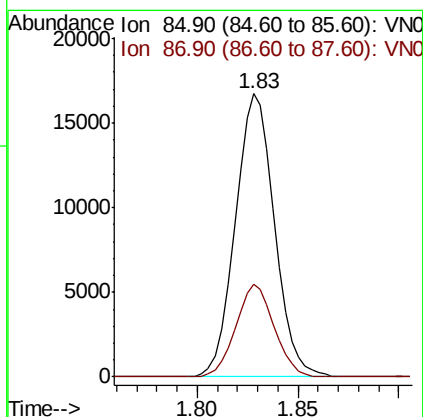
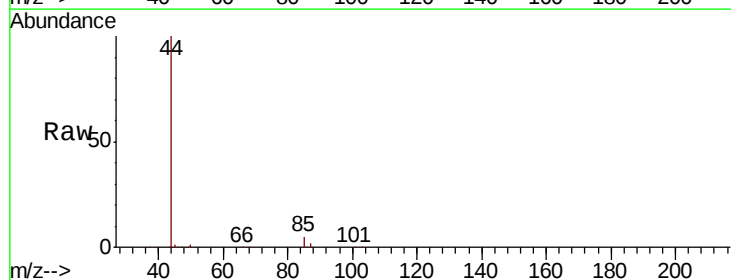
Tot Ion:168 Resp: 114796
 Ion Ratio Lower Upper
 168 100
 99 64.2 51.2 76.8



#2

Dichlorodifluoromethane
 Concen: 18.643 ug/l
 RT: 1.83 min Scan# 74
 Delta R.T. -0.00 min
 Lab File: VN061249.D
 Acq: 2 May 2020 3:37

Tgt Ion: 85 Resp: 22695
 Ion Ratio Lower Upper
 85 100
 87 32.6 16.1 48.2





#3

Chloromethane

Concen: 21.322 ug/l

RT: 2.03 min Scan# 137

Delta R.T. 0.00 min

Lab File: VN061249.D

Acq: 2 May 2020 3:37

Instrument :

MSVOA_N

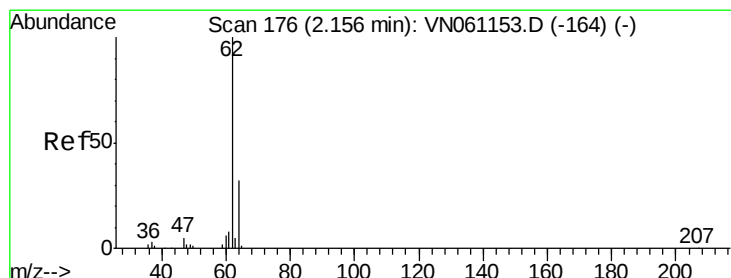
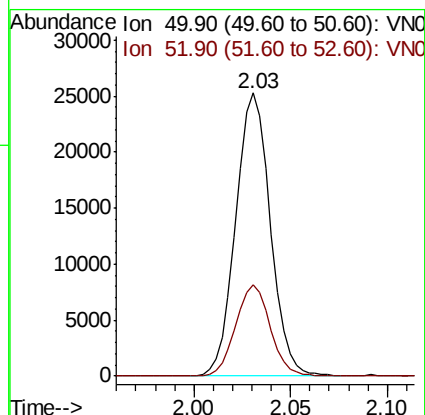
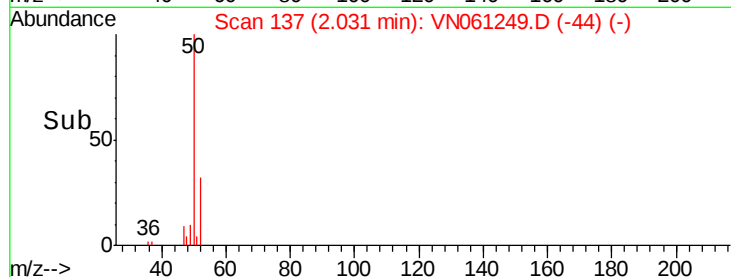
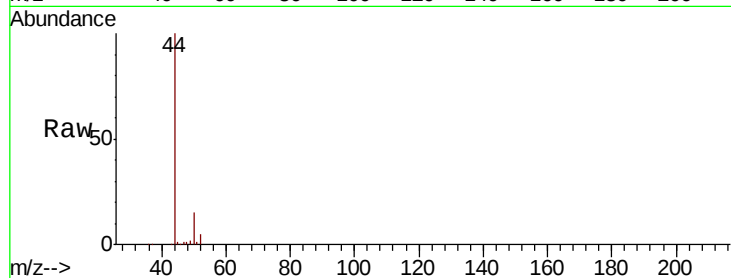
ClientSampled :

Tot Ion: 50 Resp: 31435

Ion Ratio Lower Upper

50 100

52 32.1 26.0 39.0



#4

Vinyl Chloride

Concen: 20.186 ug/l

RT: 2.16 min Scan# 176

Delta R.T. 0.00 min

Lab File: VN061249.D

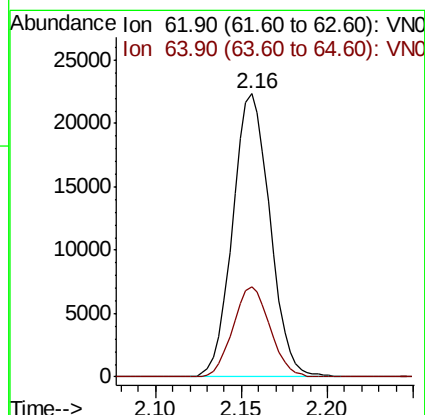
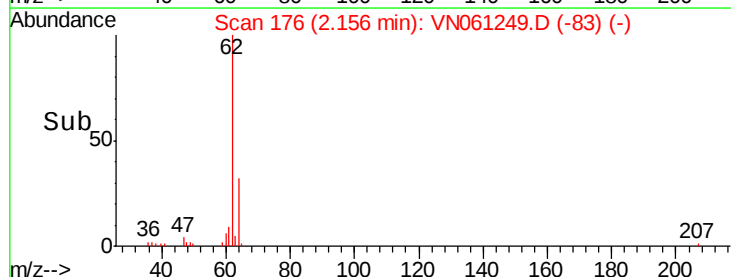
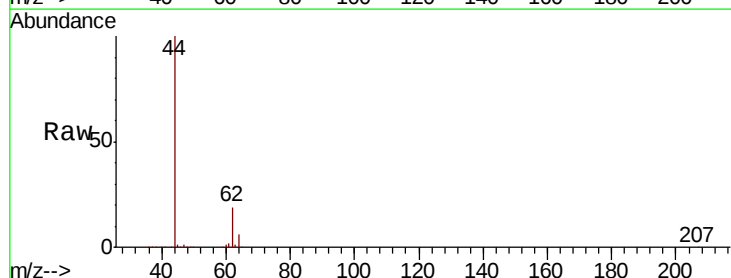
Acq: 2 May 2020 3:37

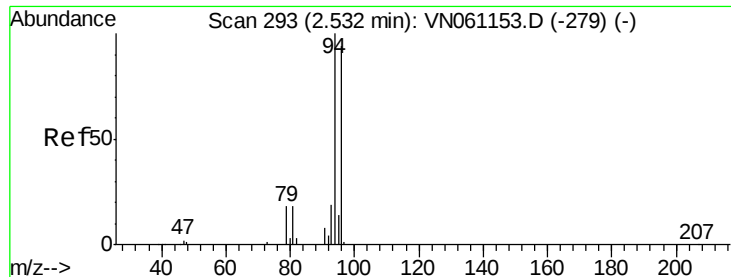
Tgt Ion: 62 Resp: 33803

Ion Ratio Lower Upper

62 100

64 31.8 25.2 37.8





#5

Bromomethane

Concen: 17.340 ug/l

RT: 2.54 min Scan# 294

Delta R.T. 0.00 min

Lab File: VN061249.D

Acq: 2 May 2020 3:37

Instrument :

MSVOA_N

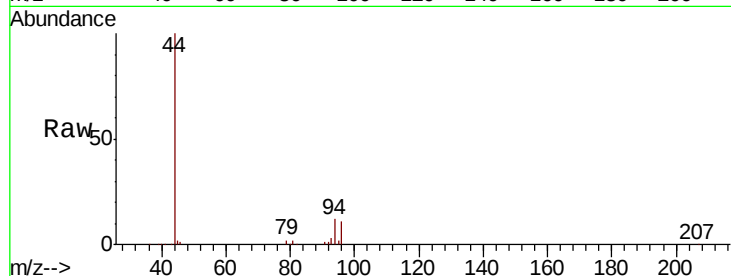
ClientSampleId :

Tot Ion: 94 Resp: 14353

Ion Ratio Lower Upper

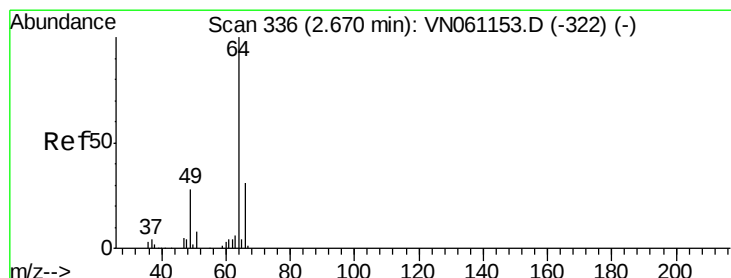
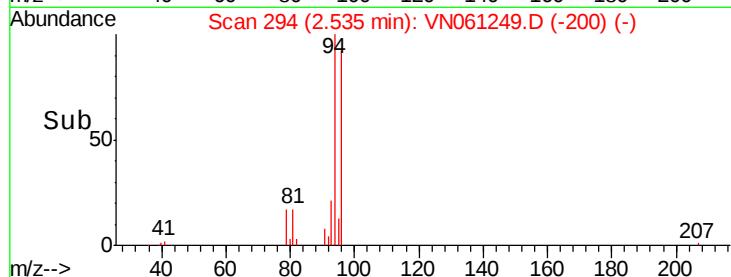
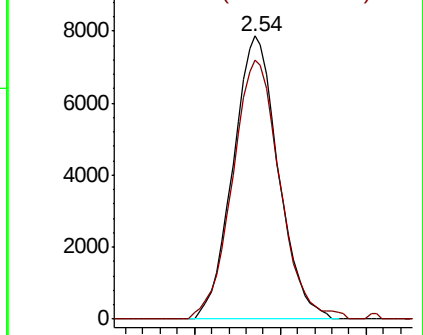
94 100

96 91.7 75.1 112.7



Abundance Ion 93.90 (93.60 to 94.60): VN061153.D (-279) (-)

Ion 95.90 (95.60 to 96.60): VN061153.D (-279) (-)



#6

Chloroethane

Concen: 18.572 ug/l

RT: 2.67 min Scan# 336

Delta R.T. 0.00 min

Lab File: VN061249.D

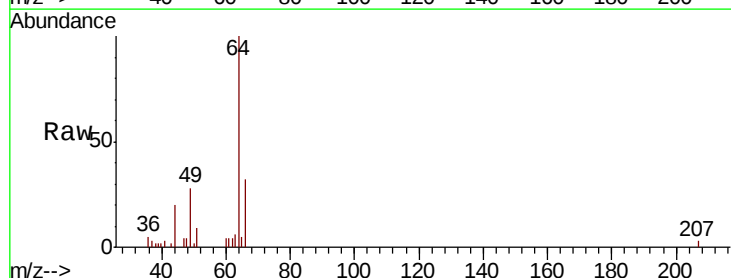
Acq: 2 May 2020 3:37

Tgt Ion: 64 Resp: 19712

Ion Ratio Lower Upper

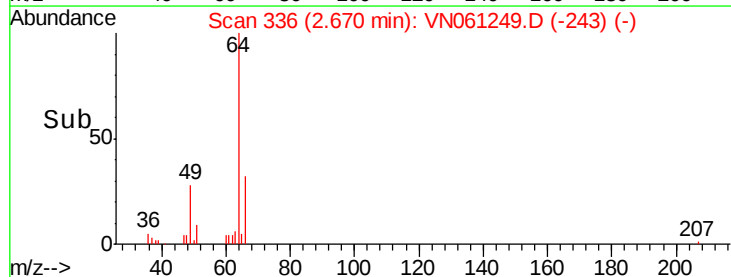
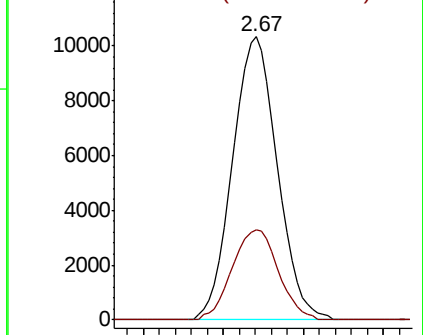
64 100

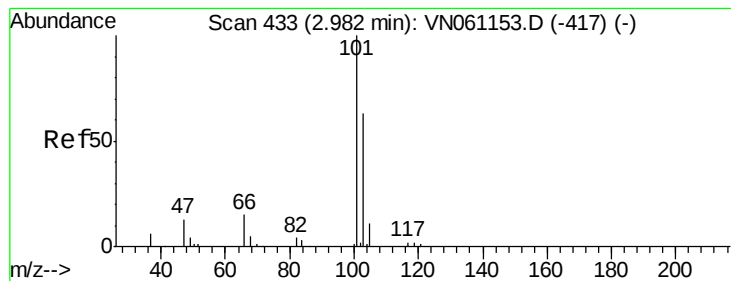
66 31.9 24.6 36.8



Abundance Ion 63.90 (63.60 to 64.60): VN061153.D (-322) (-)

Ion 65.90 (65.60 to 66.60): VN061153.D (-322) (-)



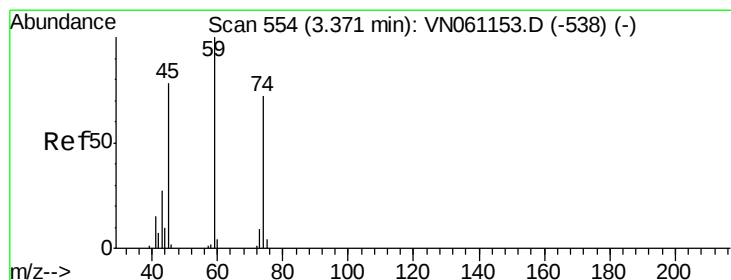
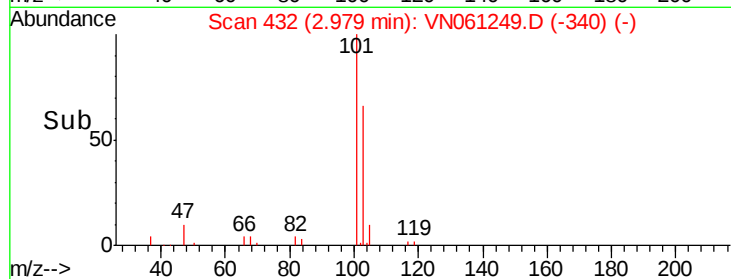
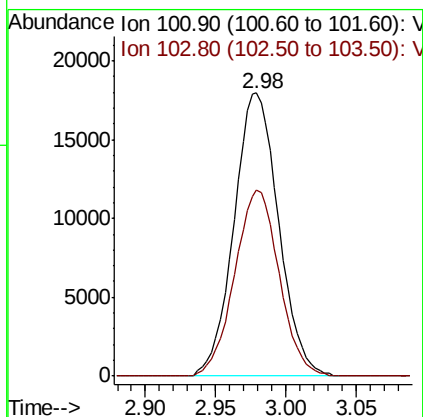
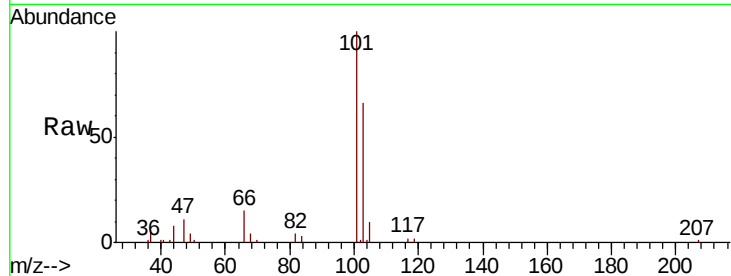


#7

Trichlorofluoromethane
 Concen: 21.013 ug/l
 RT: 2.98 min Scan# 432
 Delta R.T. -0.00 min
 Lab File: VN061249.D
 Acq: 2 May 2020 3:37

Instrument :
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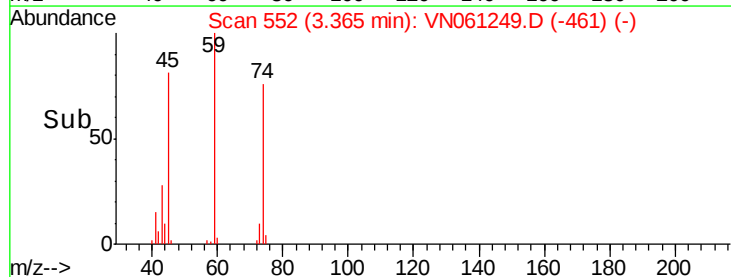
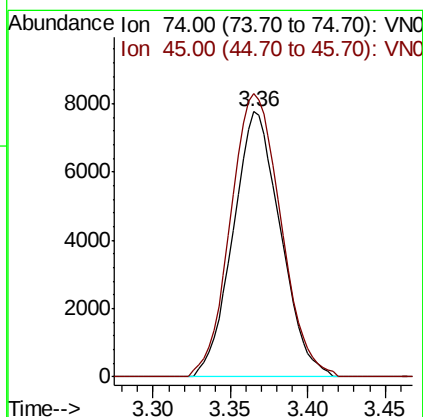
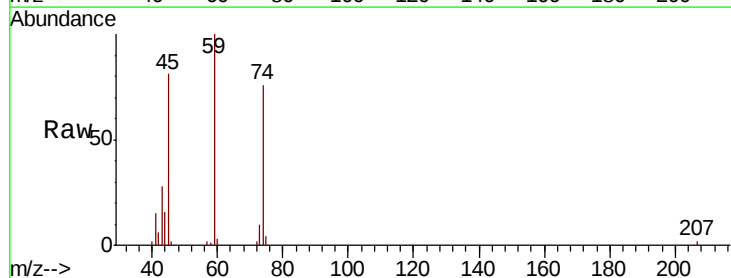
Tot Ion:101 Resp: 39698
 Ion Ratio Lower Upper
 101 100
 103 65.7 50.6 76.0



#8

Diethyl Ether
 Concen: 21.059 ug/l
 RT: 3.36 min Scan# 552
 Delta R.T. -0.01 min
 Lab File: VN061249.D
 Acq: 2 May 2020 3:37

Tgt Ion: 74 Resp: 16595
 Ion Ratio Lower Upper
 74 100
 45 112.9 53.3 160.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.477 ug/l

RT: 3.71 min Scan# 659

Delta R.T. -0.01 min

Lab File: VN061249.D

Acq: 2 May 2020 3:37

Instrument :

MSVOA_N

ClientSampled :

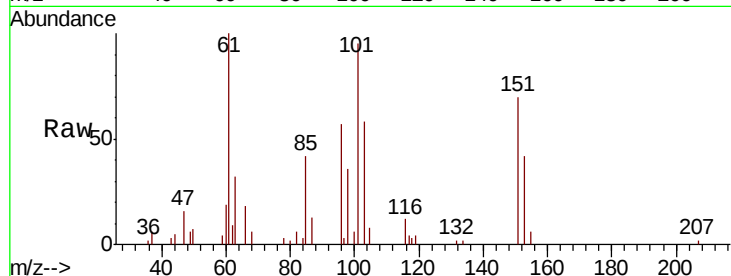
Tot Ion:101 Resp: 23706

Ion Ratio Lower Upper

101 100

85 46.7 37.2 55.8

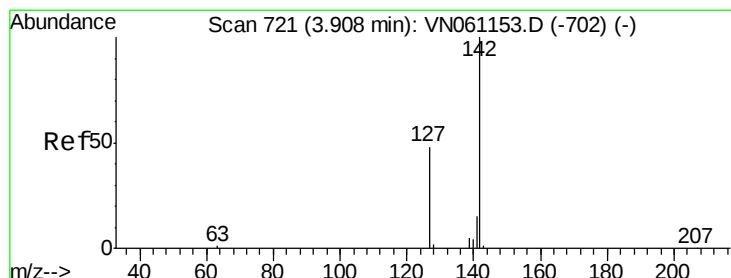
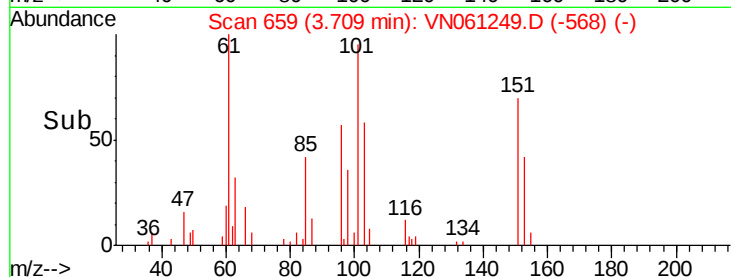
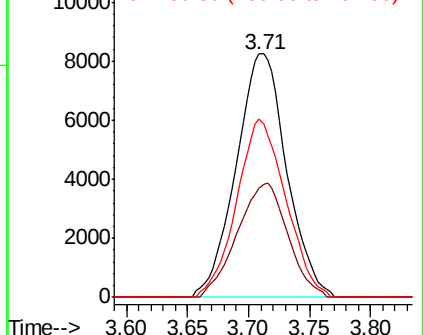
151 70.9 57.7 86.5



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 16.630 ug/l

RT: 3.90 min Scan# 719

Delta R.T. -0.01 min

Lab File: VN061249.D

Acq: 2 May 2020 3:37

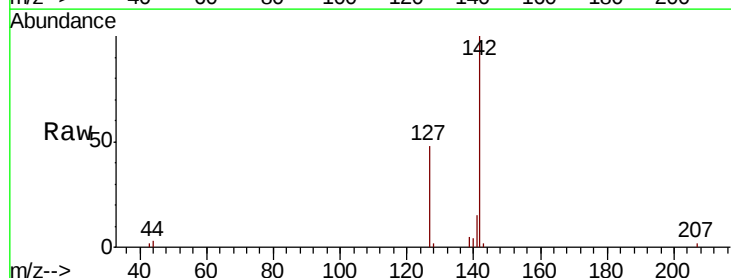
Tgt Ion:142 Resp: 26012

Ion Ratio Lower Upper

142 100

127 46.8 38.0 57.0

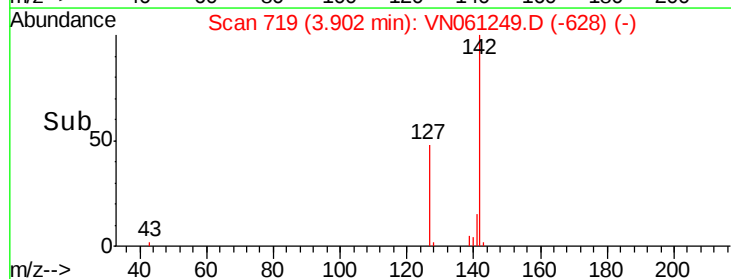
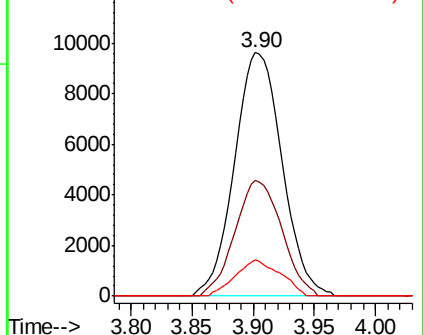
141 14.0 11.7 17.5

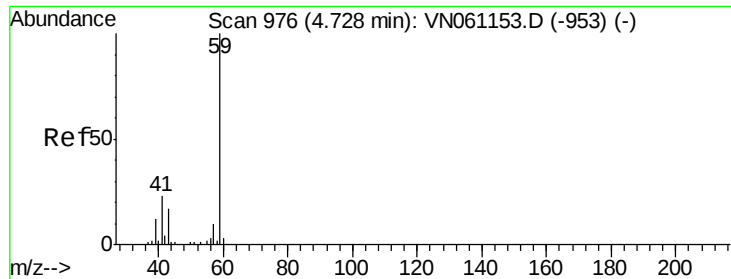


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



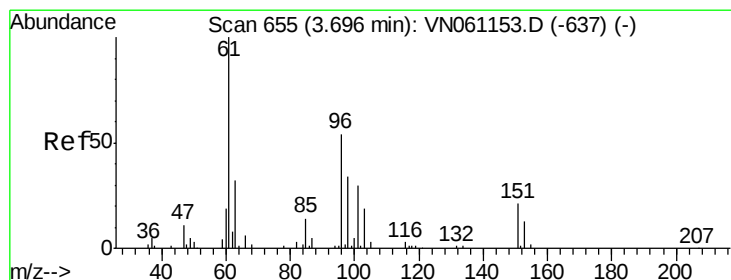
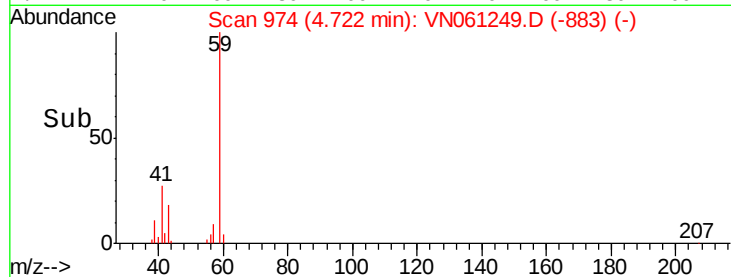
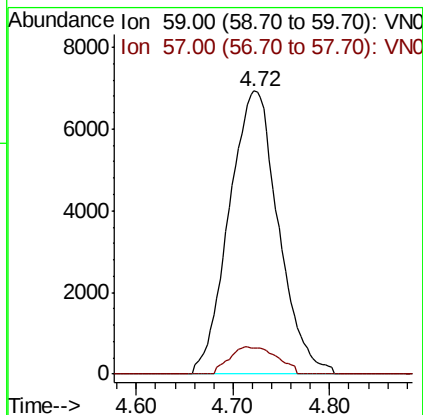
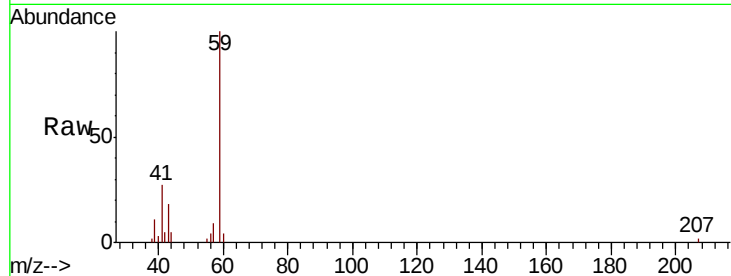


#11

Tert butyl alcohol
Concen: 100.775 ug/l
RT: 4.72 min Scan# 974
Delta R.T. -0.01 min
Lab File: VN061249.D
Acq: 2 May 2020 3:37

Instrument :
MSVOA_N
ClientSampleId :

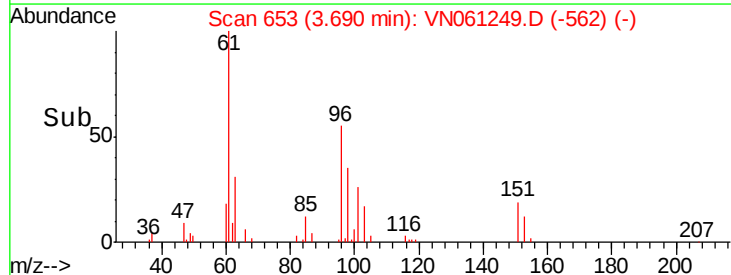
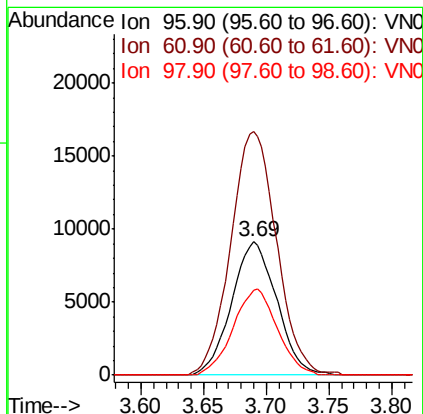
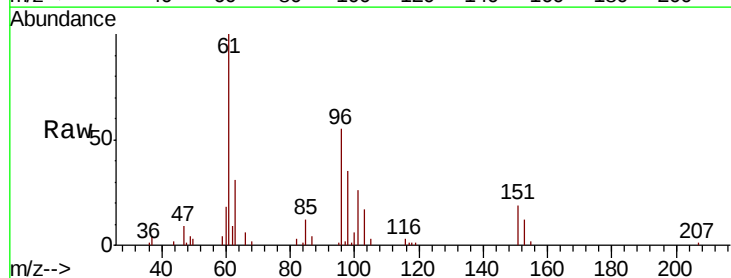
Tot Ion: 59 Resp: 24521
Ion Ratio Lower Upper
59 100
57 4.8 8.3 12.5#

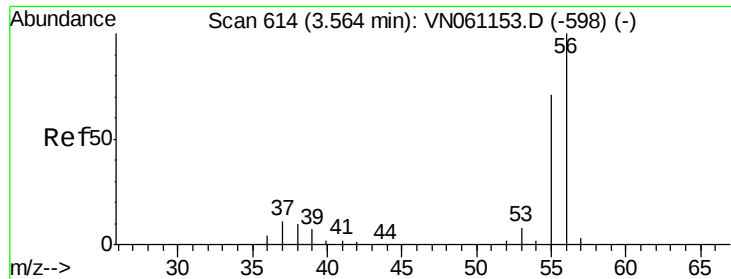


#12

1,1-Dichloroethene
Concen: 18.865 ug/l
RT: 3.69 min Scan# 653
Delta R.T. -0.01 min
Lab File: VN061249.D
Acq: 2 May 2020 3:37

Tgt Ion: 96 Resp: 22849
Ion Ratio Lower Upper
96 100
61 182.8 147.0 220.6
98 63.5 49.8 74.6





#13

Acrolein

Concen: 62.546 ug/l

RT: 3.56 min Scan# 613

Delta R.T. -0.00 min

Lab File: VN061249.D

Acq: 2 May 2020 3:37

Instrument :

MSVOA_N

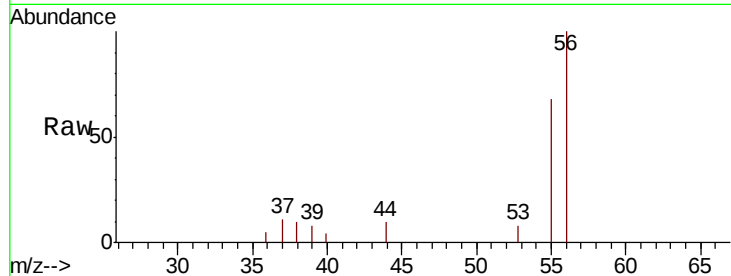
ClientSampleId :

Tot Ion: 56 Resp: 10142

Ion Ratio Lower Upper

56 100

55 70.5 58.5 87.7

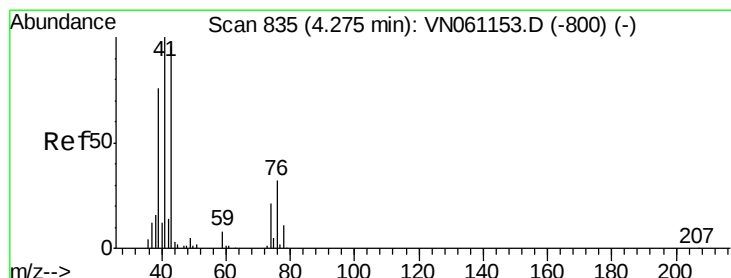
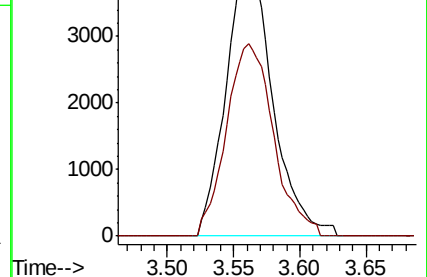
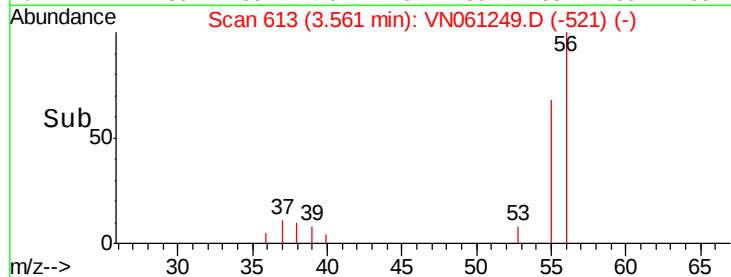


Abundance Ion 56.00 (55.70 to 56.70): VN061153.D (-598) (-)

Ion 55.00 (54.70 to 55.70): VN061153.D (-598) (-)

3.56

Time-->



#14

Allyl chloride

Concen: 20.219 ug/l

RT: 4.27 min Scan# 833

Delta R.T. -0.01 min

Lab File: VN061249.D

Acq: 2 May 2020 3:37

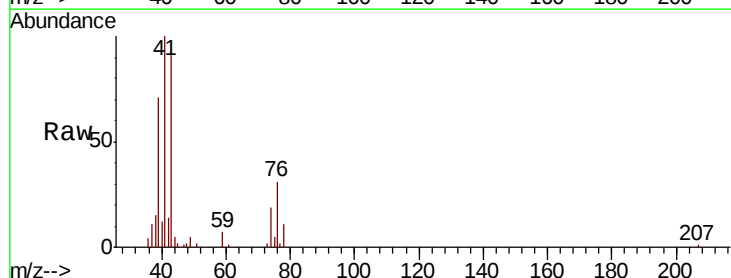
Tgt Ion: 41 Resp: 45408

Ion Ratio Lower Upper

41 100

39 72.4 57.1 85.7

76 30.2 24.3 36.5



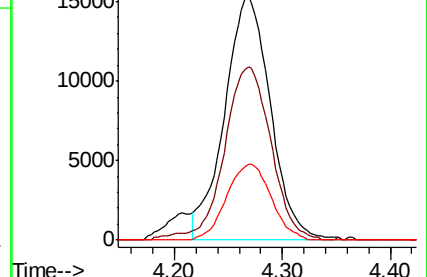
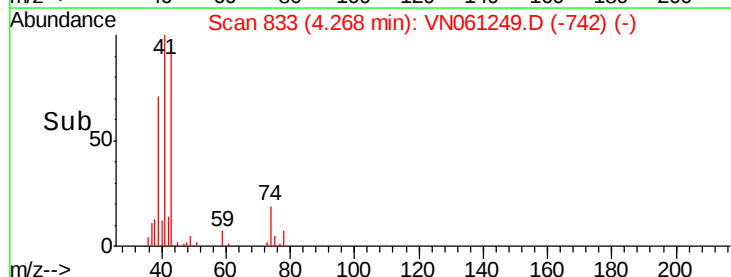
Abundance Ion 41.00 (40.70 to 41.70): VN061153.D (-800) (-)

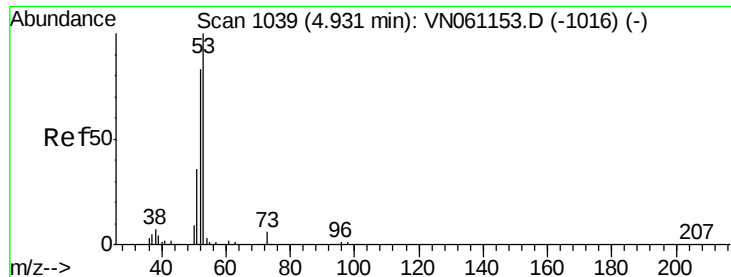
Ion 39.00 (38.70 to 39.70): VN061153.D (-800) (-)

Ion 75.90 (75.60 to 76.60): VN061153.D (-800) (-)

4.27

Time-->





#15

Acrylonitrile

Concen: 97.747 ug/l

RT: 4.92 min Scan# 1036

Delta R.T. -0.01 min

Lab File: VN061249.D

Acq: 2 May 2020 3:37

Instrument :

MSVOA_N

ClientSampled :

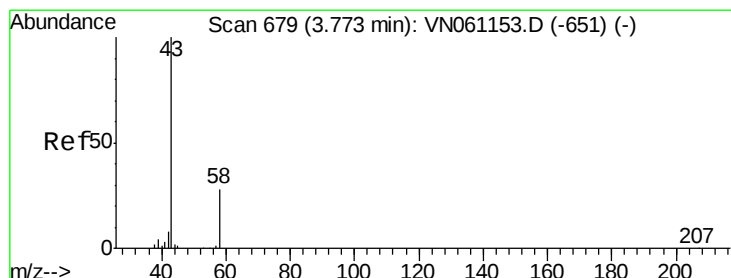
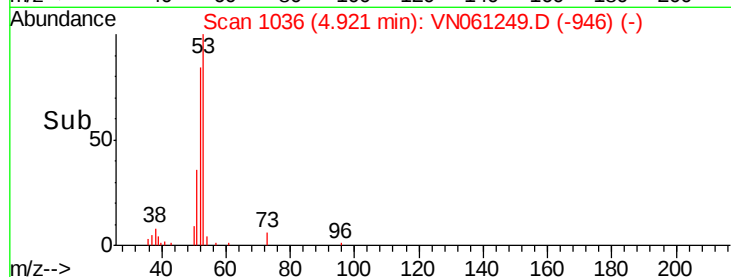
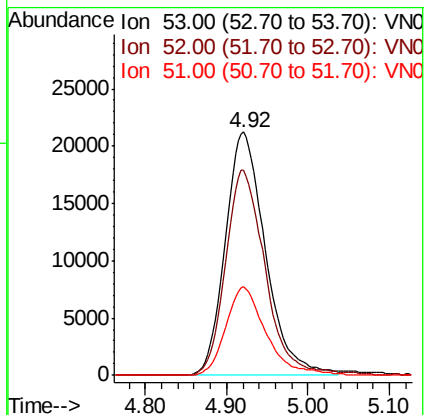
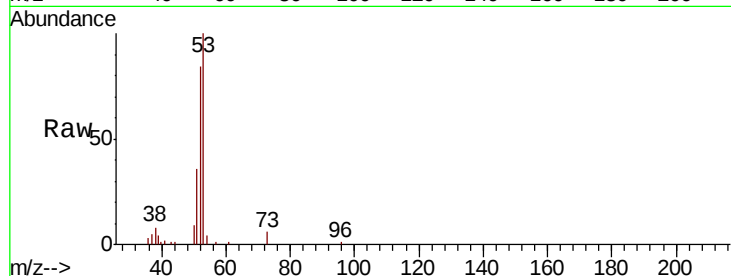
Tot Ion: 53 Resp: 73011

Ion Ratio Lower Upper

53 100

52 82.6 65.4 98.0

51 36.4 29.5 44.3



#16

Acetone

Concen: 94.009 ug/l

RT: 3.77 min Scan# 677

Delta R.T. -0.01 min

Lab File: VN061249.D

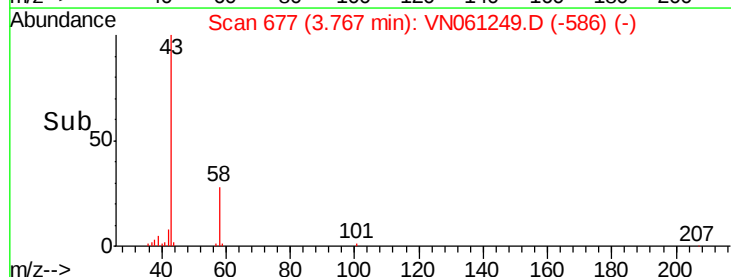
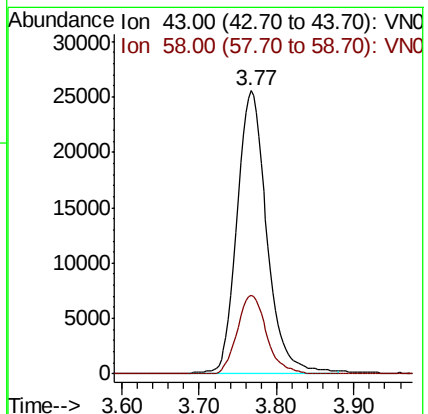
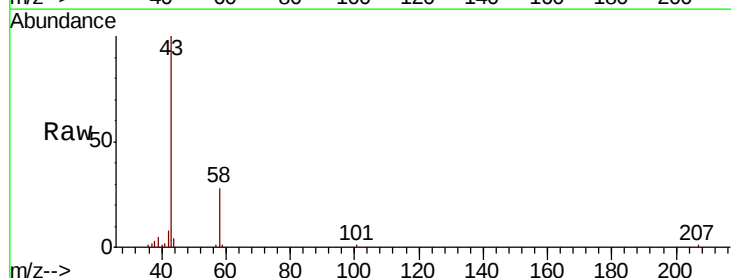
Acq: 2 May 2020 3:37

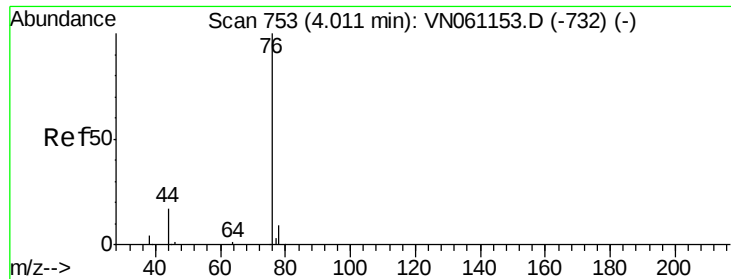
Tgt Ion: 43 Resp: 68463

Ion Ratio Lower Upper

43 100

58 27.9 22.2 33.2

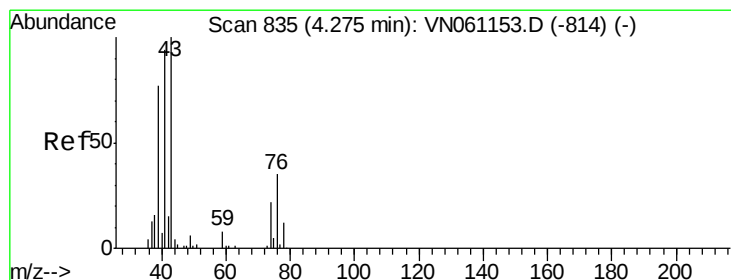
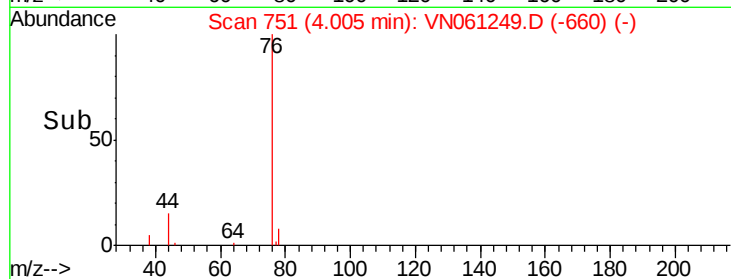
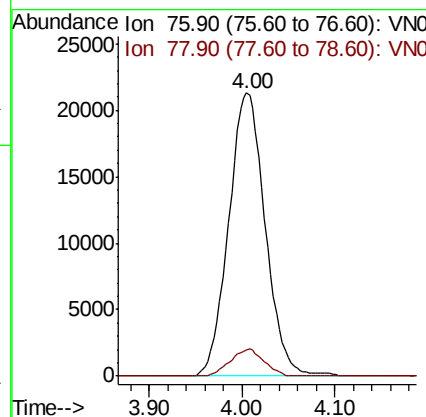
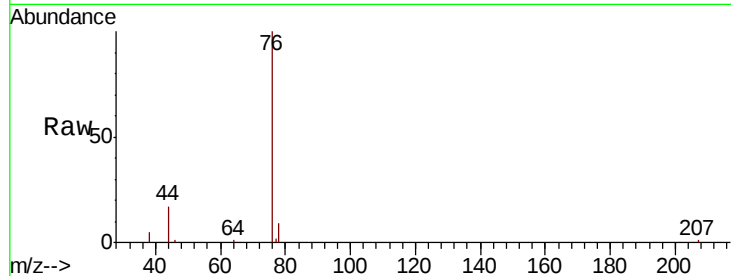




#17
Carbon Disulfide
Concen: 17.383 ug/l
RT: 4.00 min Scan# 751
Delta R.T. -0.01 min
Lab File: VN061249.D
Acq: 2 May 2020 3:37

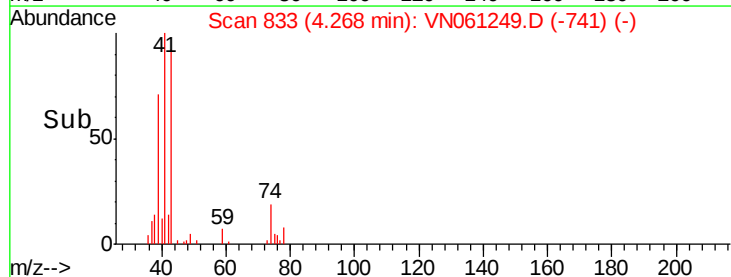
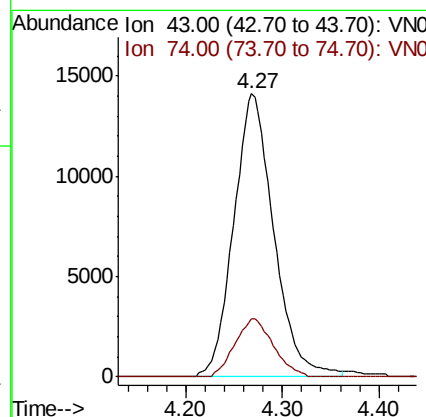
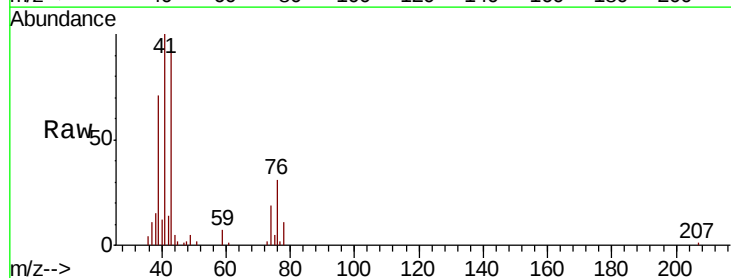
Instrument :
MSVOA_N
ClientSampleId :

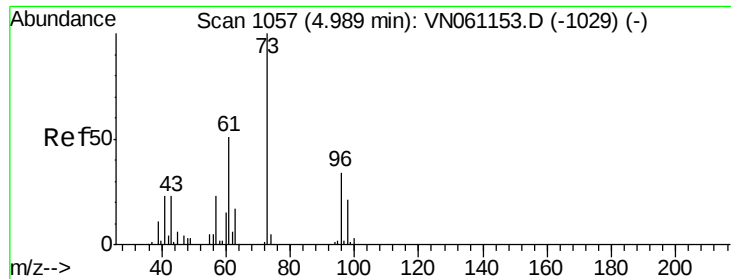
Tot Ion: 76 Resp: 58159
Ion Ratio Lower Upper
76 100
78 9.4 7.2 10.8



#18
Methyl Acetate
Concen: 18.146 ug/l
RT: 4.27 min Scan# 833
Delta R.T. -0.01 min
Lab File: VN061249.D
Acq: 2 May 2020 3:37

Tgt Ion: 43 Resp: 40601
Ion Ratio Lower Upper
43 100
74 19.7 17.0 25.4

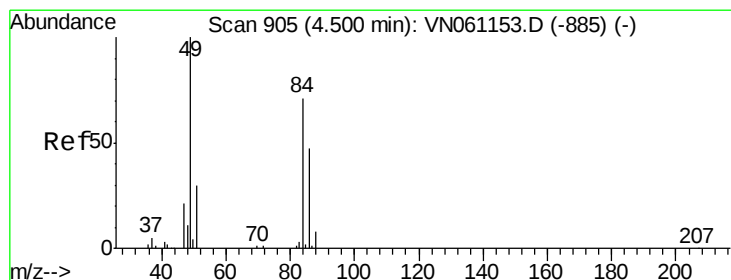
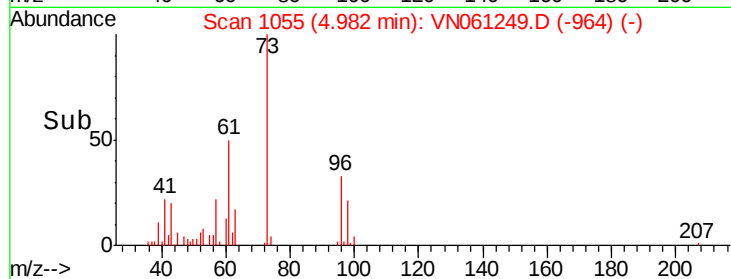
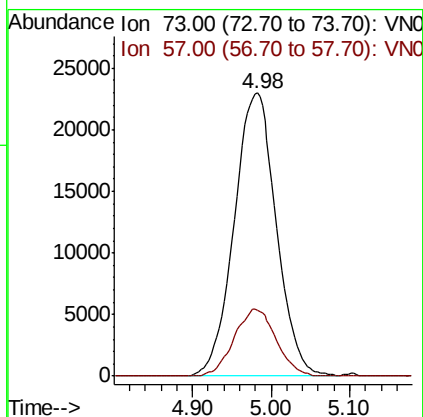
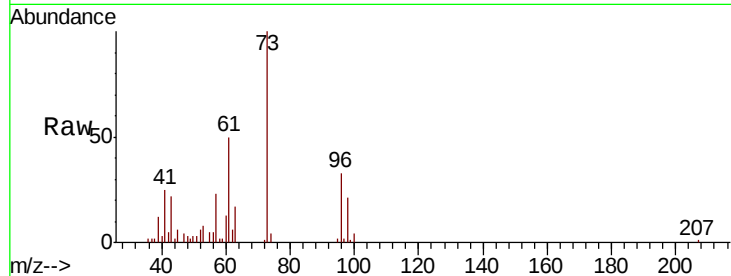




#19
Methyl tert-butyl Ether
Concen: 18.643 ug/l
RT: 4.98 min Scan# 1055
Delta R.T. -0.01 min
Lab File: VN061249.D
Acq: 2 May 2020 3:37

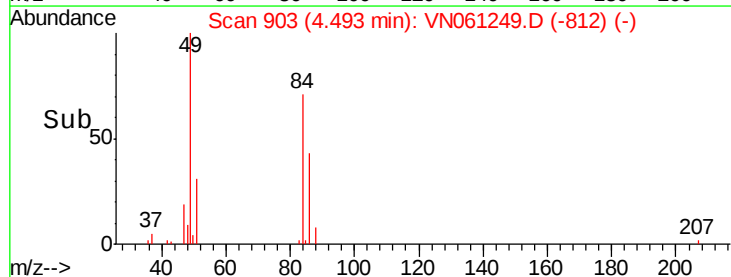
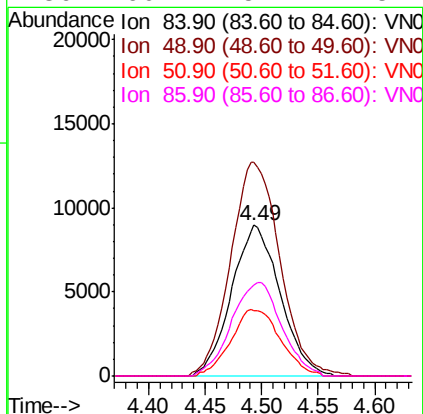
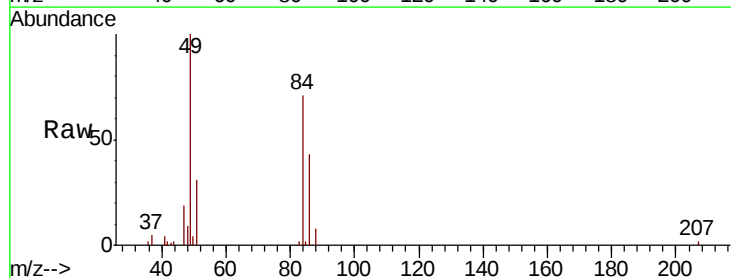
Instrument :
MSVOA_N
ClientSampled :

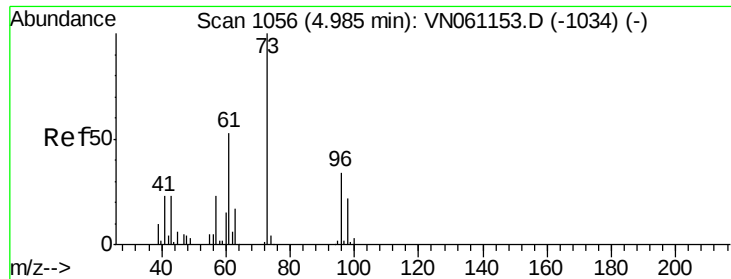
Tot Ion: 73 Resp: 86283
Ion Ratio Lower Upper
73 100
57 23.3 18.3 27.5



#20
Methylene Chloride
Concen: 18.895 ug/l
RT: 4.49 min Scan# 903
Delta R.T. -0.01 min
Lab File: VN061249.D
Acq: 2 May 2020 3:37

Tgt Ion: 84 Resp: 26763
Ion Ratio Lower Upper
84 100
49 141.7 112.0 168.0
51 43.6 33.6 50.4
86 60.7 52.1 78.1

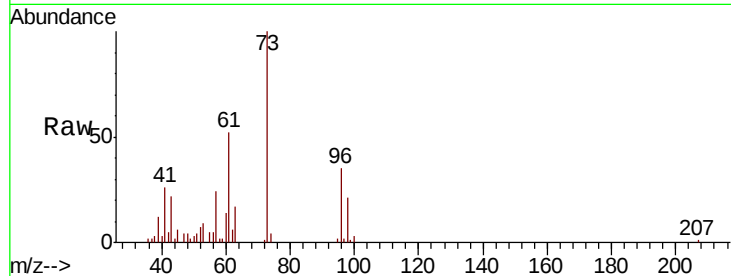




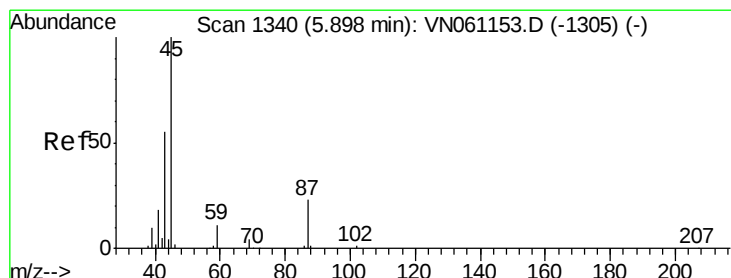
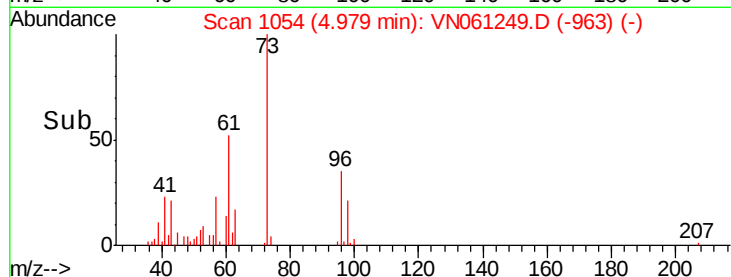
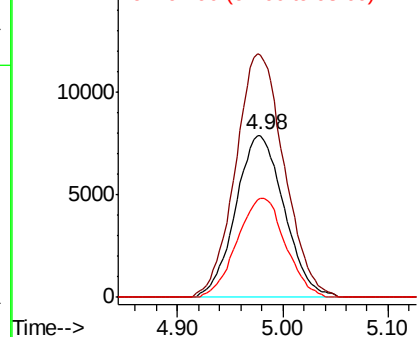
#21
trans-1,2-Dichloroethene
Concen: 19.167 ug/l
RT: 4.98 min Scan# 1054
Delta R.T. -0.01 min
Lab File: VN061249.D
Acq: 2 May 2020 3:37

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 96 Resp: 25279
Ion Ratio Lower Upper
96 100
61 149.1 123.0 184.4
98 61.2 50.1 75.1

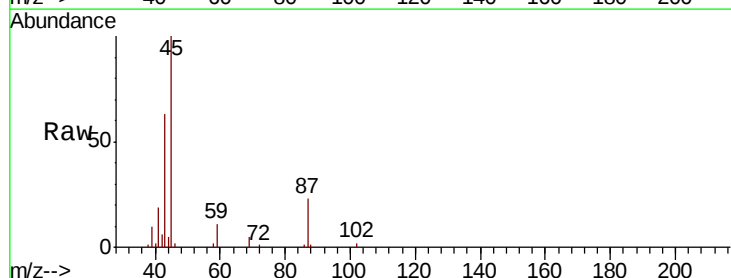


Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0

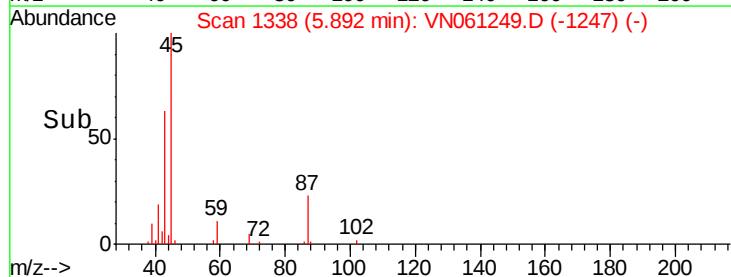
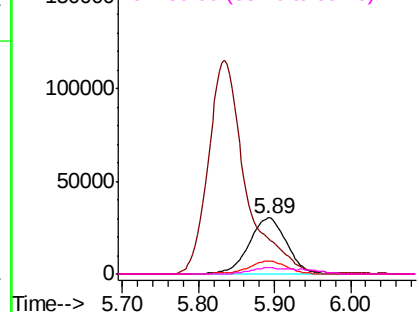


#22
Diisopropyl ether
Concen: 19.968 ug/l
RT: 5.89 min Scan# 1338
Delta R.T. -0.01 min
Lab File: VN061249.D
Acq: 2 May 2020 3:37

Tgt Ion: 45 Resp: 103986
Ion Ratio Lower Upper
45 100
43 61.0 47.9 71.9
87 22.9 19.2 28.8
59 11.4 9.0 13.4



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





#23

Vinyl Acetate

Concen: 94.124 ug/l

RT: 5.83 min Scan# 1320

Delta R.T. -0.01 min

Lab File: VN061249.D

Acq: 2 May 2020 3:37

Instrument :

MSVOA_N

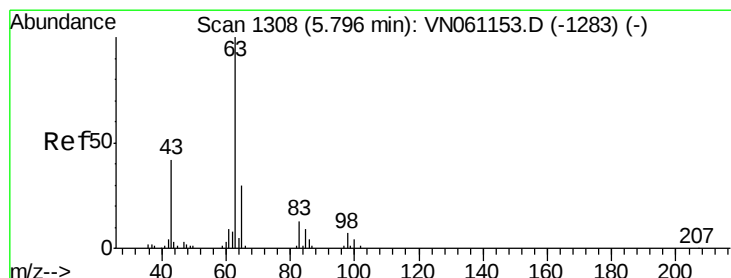
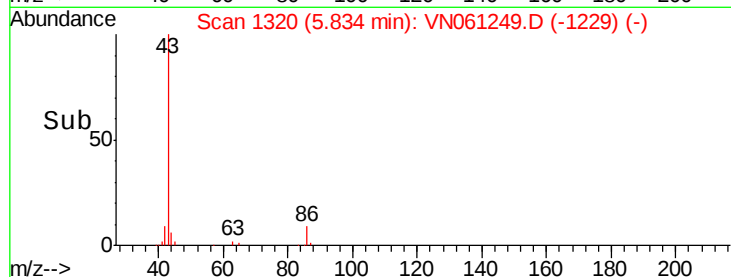
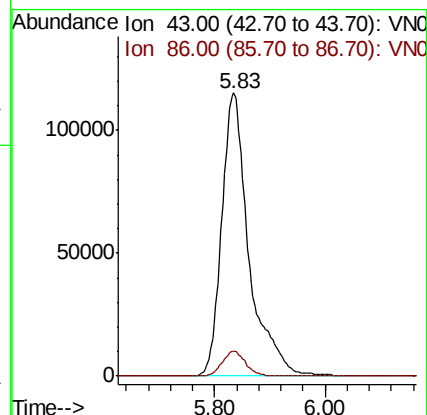
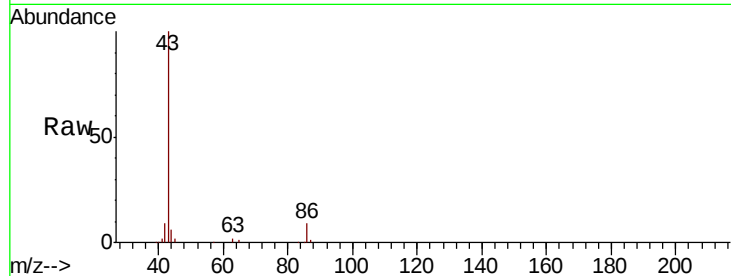
ClientSampled :

Tot Ion: 43 Resp: 394679

Ion Ratio Lower Upper

43 100

86 8.9 7.2 10.8



#24

1,1-Dichloroethane

Concen: 19.240 ug/l

RT: 5.79 min Scan# 1306

Delta R.T. -0.01 min

Lab File: VN061249.D

Acq: 2 May 2020 3:37

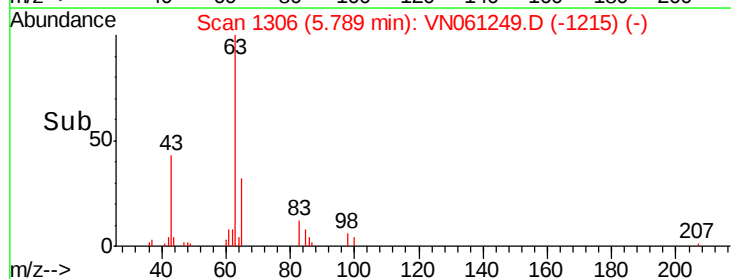
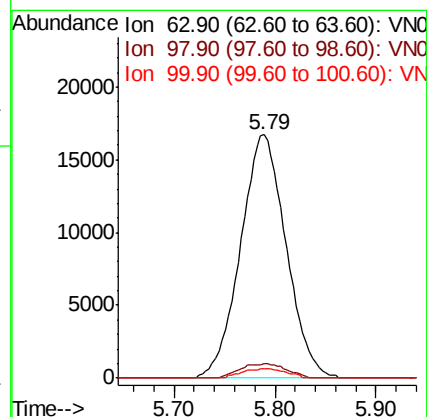
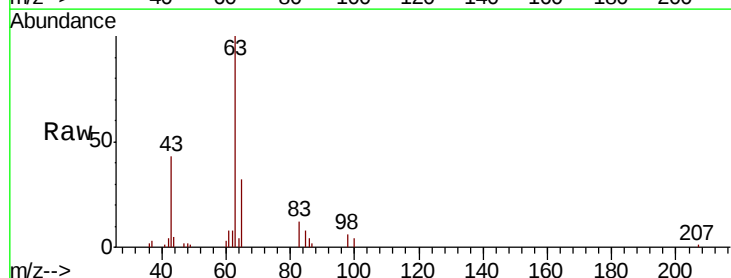
Tgt Ion: 63 Resp: 52350

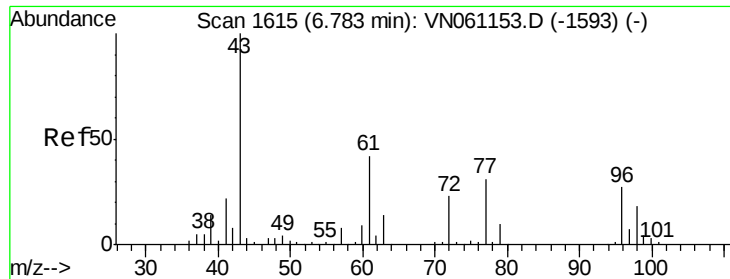
Ion Ratio Lower Upper

63 100

98 5.8 3.3 9.9

100 3.7 1.9 5.7

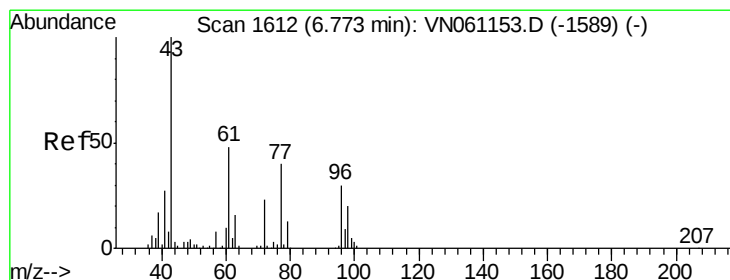
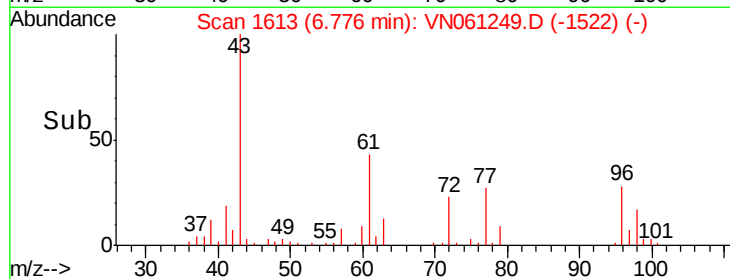
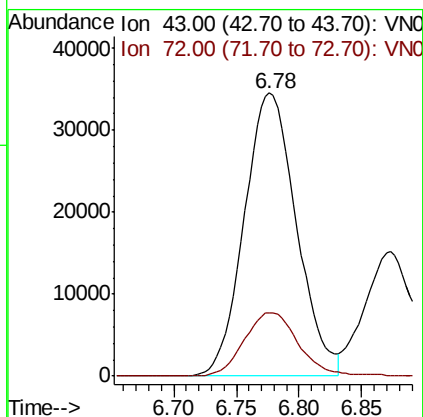
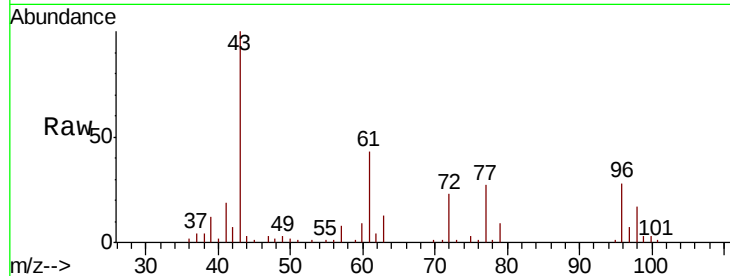




#25
2-Butanone
Concen: 93.250 ug/l
RT: 6.78 min Scan# 1613
Delta R.T. -0.01 min
Lab File: VN061249.D
Acq: 2 May 2020 3:37

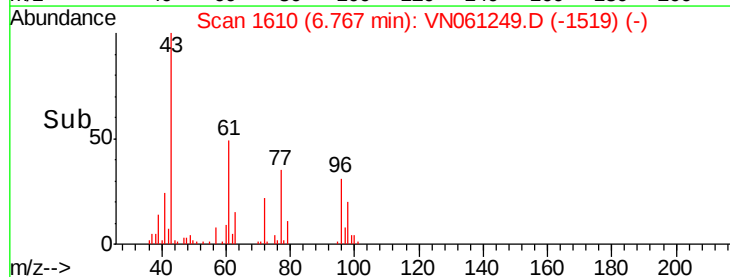
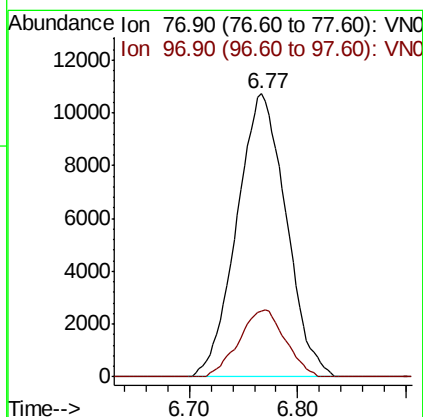
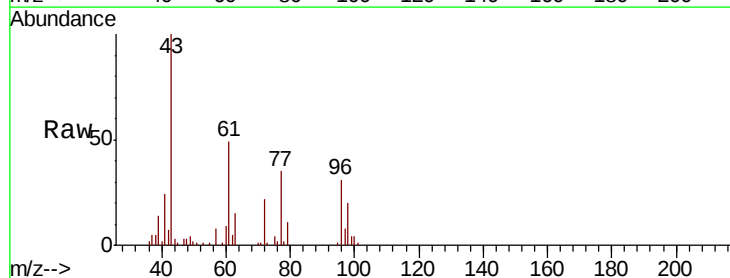
Instrument :
MSVOA_N
ClientSampleId :

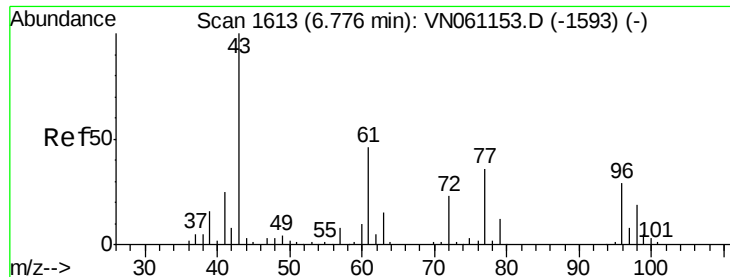
Tot Ion: 43 Resp: 100229
Ion Ratio Lower Upper
43 100
72 22.5 18.2 27.4



#26
2,2-Dichloropropane
Concen: 14.849 ug/l
RT: 6.77 min Scan# 1610
Delta R.T. -0.01 min
Lab File: VN061249.D
Acq: 2 May 2020 3:37

Tgt Ion: 77 Resp: 34031
Ion Ratio Lower Upper
77 100
97 22.2 10.5 31.5

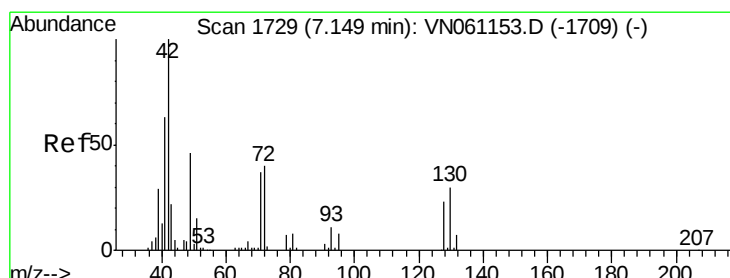
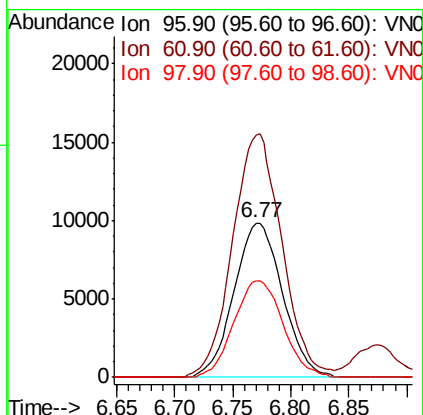
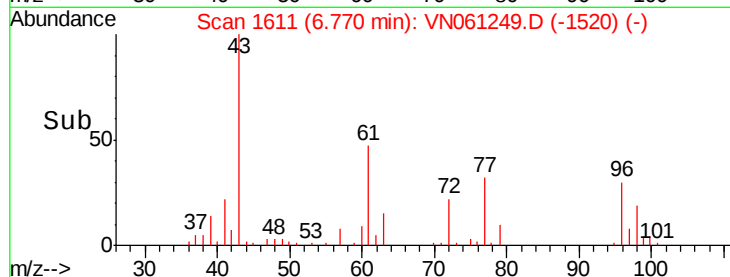
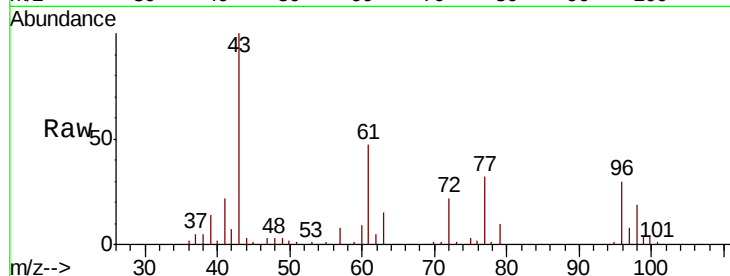




#27
 cis-1,2-Dichloroethene
 Concen: 18.503 ug/l
 RT: 6.77 min Scan# 1611
 Delta R.T. -0.01 min
 Lab File: VN061249.D
 Acq: 2 May 2020 3:37

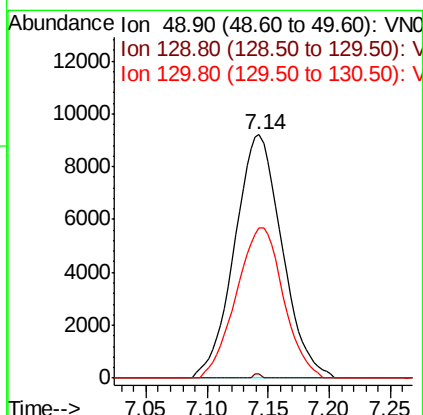
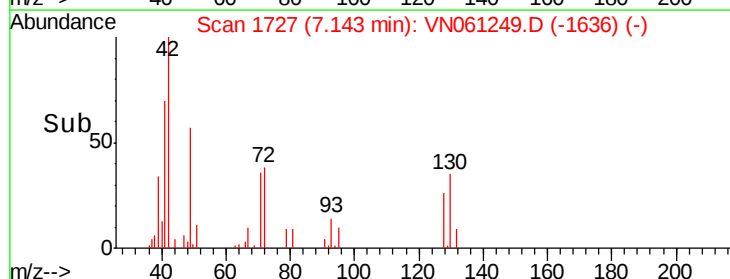
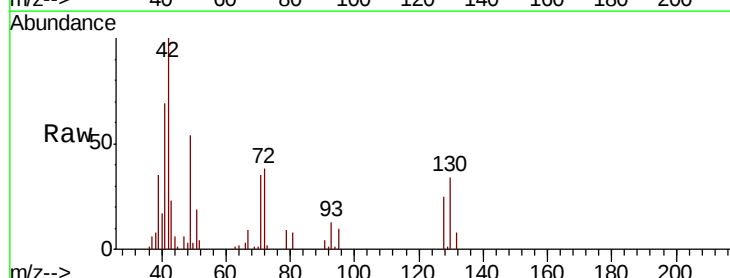
Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion	96	Resp	28638
Ion	Ratio	Lower	Upper
96	100		
61	160.4	0.0	322.0
98	63.2	0.0	129.6



#28
 Bromochloromethane
 Concen: 19.224 ug/l
 RT: 7.14 min Scan# 1727
 Delta R.T. -0.01 min
 Lab File: VN061249.D
 Acq: 2 May 2020 3:37

Tgt Ion	49	Resp	24793
Ion	Ratio	Lower	Upper
49	100		
129	0.2	0.0	3.0
130	61.3	51.4	77.2

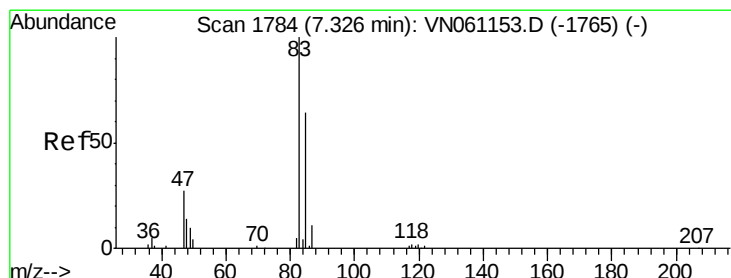
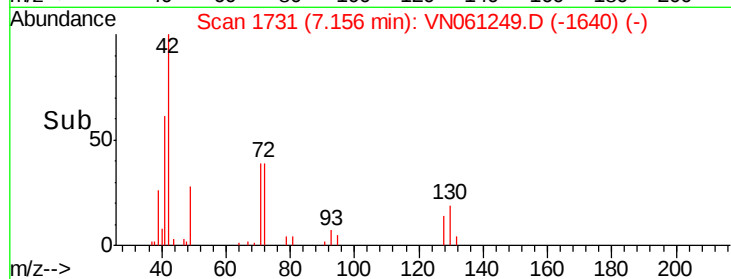
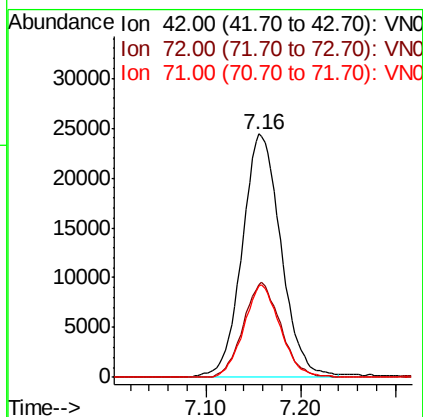
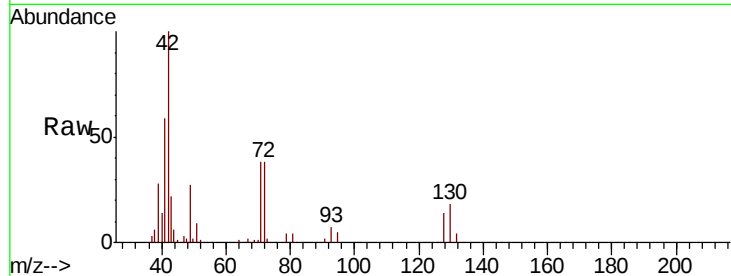




#29
Tetrahydrofuran
Concen: 96.207 ug/l
RT: 7.16 min Scan# 1731
Delta R.T. -0.01 min
Lab File: VN061249.D
Acq: 2 May 2020 3:37

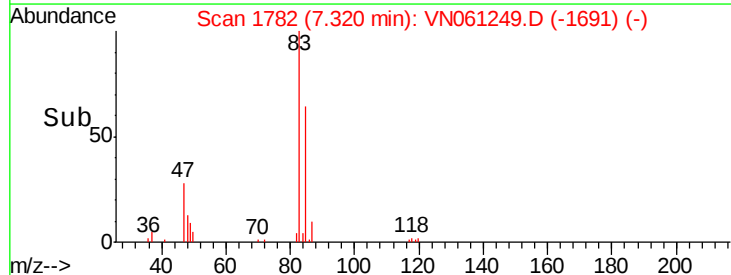
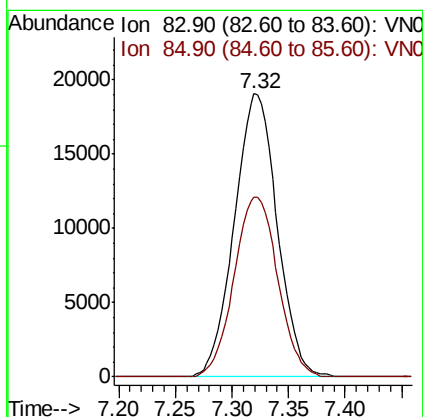
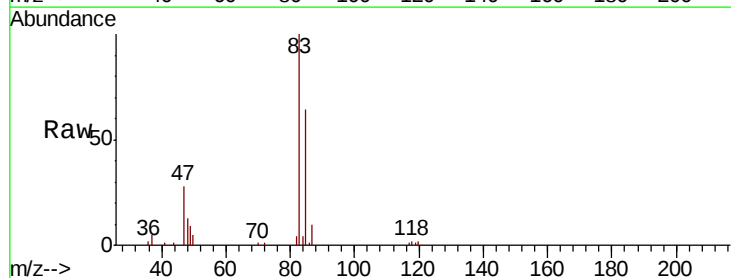
Instrument :
MSVOA_N
ClientSampleId :

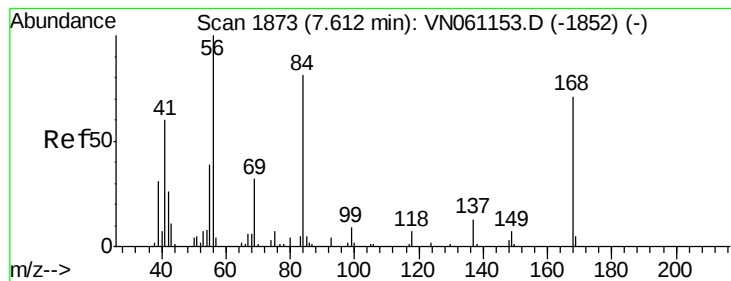
Tot Ion	Ratio	Lower	Upper
42	100		
72	37.4	31.4	47.0
71	35.6	29.5	44.3



#30
Chloroform
Concen: 18.222 ug/l
RT: 7.32 min Scan# 1782
Delta R.T. -0.01 min
Lab File: VN061249.D
Acq: 2 May 2020 3:37

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.6	51.1	76.7





#31

Cyclohexane

Concen: 17.658 ug/l

RT: 7.61 min Scan# 1871

Delta R.T. -0.01 min

Lab File: VN061249.D

Acq: 2 May 2020 3:37

Instrument :

MSVOA_N

ClientSampleId :

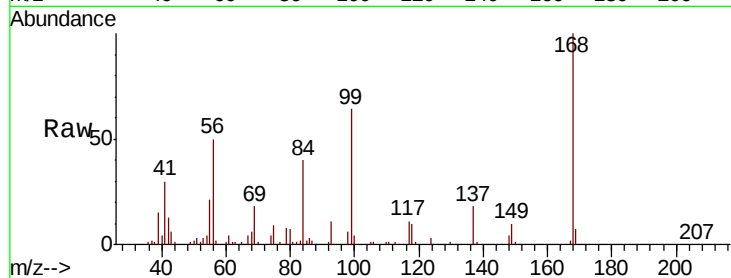
Tot Ion: 56 Resp: 46660

Ion Ratio Lower Upper

56 100

69 36.9 25.7 38.5

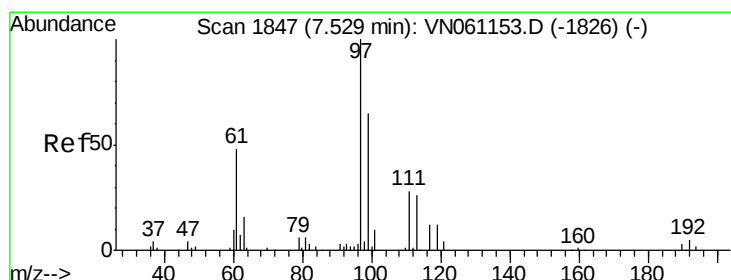
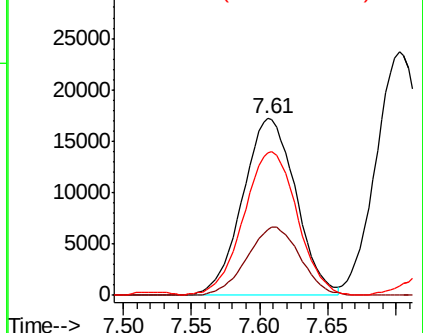
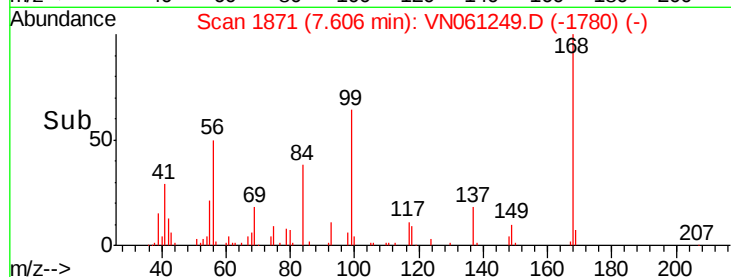
84 79.9 64.6 97.0



Abundance Ion 56.00 (55.70 to 56.70): VN061249.D (-1780) (-)

Ion 69.00 (68.70 to 69.70): VN061249.D (-1780) (-)

Ion 84.00 (83.70 to 84.70): VN061249.D (-1780) (-)



#32

1,1,1-Trichloroethane

Concen: 17.880 ug/l

RT: 7.52 min Scan# 1845

Delta R.T. -0.01 min

Lab File: VN061249.D

Acq: 2 May 2020 3:37

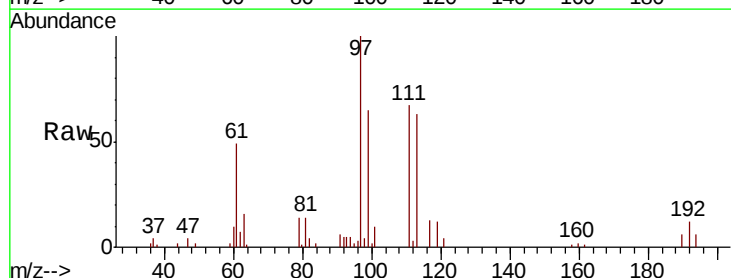
Tgt Ion: 97 Resp: 42931

Ion Ratio Lower Upper

97 100

99 63.4 51.3 76.9

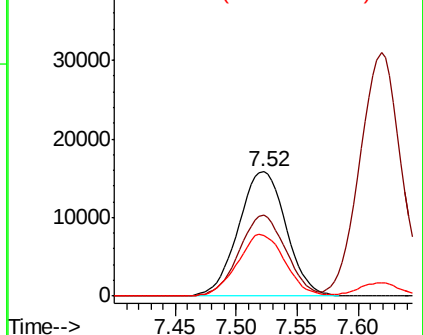
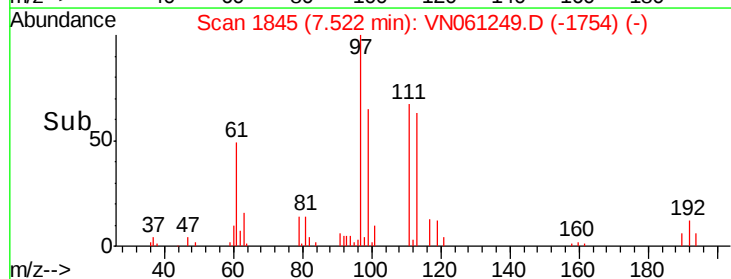
61 49.2 38.6 57.8



Abundance Ion 96.90 (96.60 to 97.60): VN061249.D (-1754) (-)

Ion 98.90 (98.60 to 99.60): VN061249.D (-1754) (-)

Ion 60.90 (60.60 to 61.60): VN061249.D (-1754) (-)

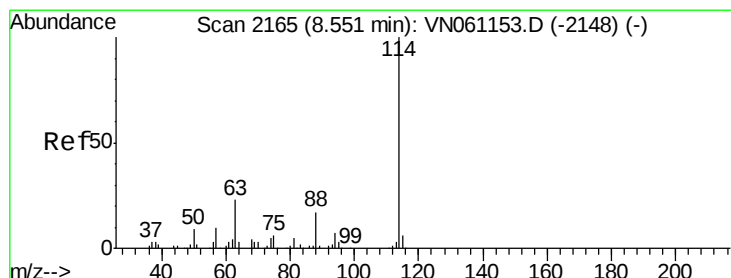
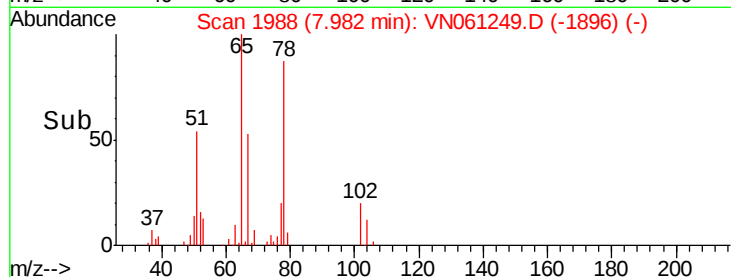
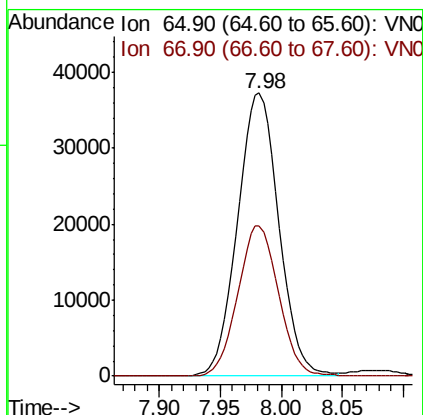
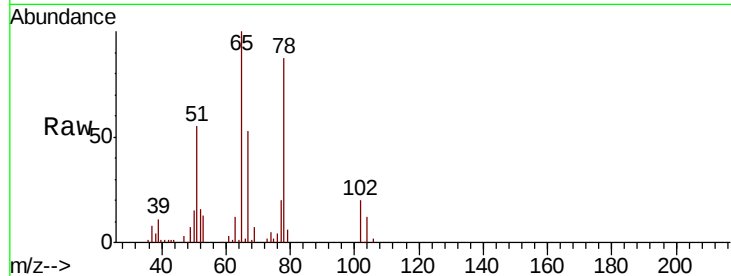




#33
 1,2-Dichloroethane-d4
 Concen: 48.022 ug/l
 RT: 7.98 min Scan# 1988
 Delta R.T. -0.00 min
 Lab File: VN061249.D
 Acq: 2 May 2020 3:37

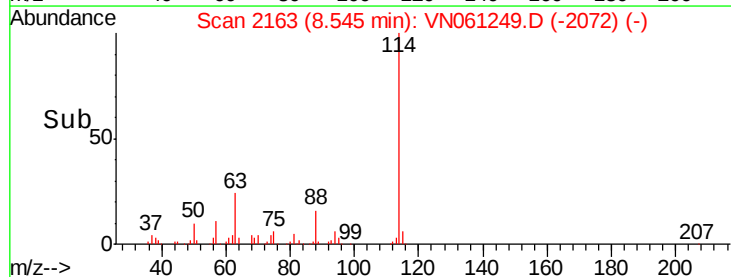
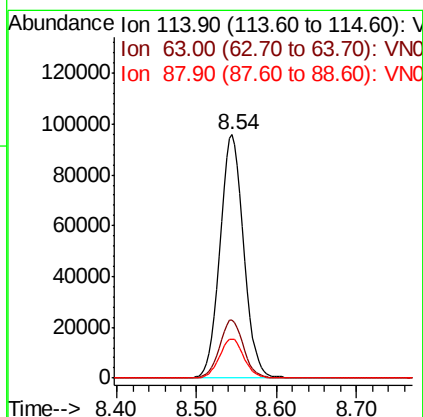
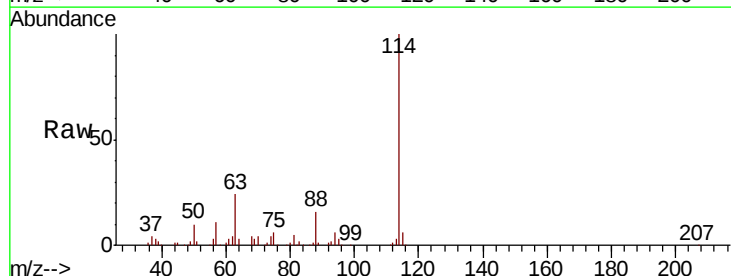
Instrument :
 MSVOA_N
 ClientSampleId :

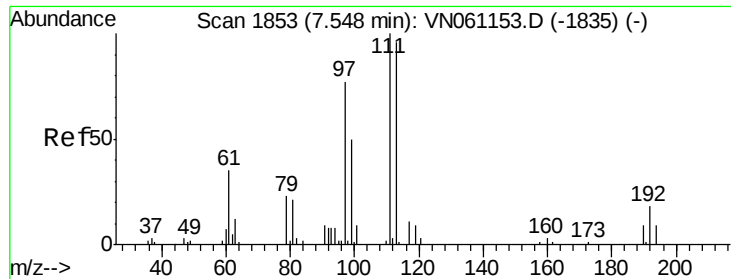
Tot Ion: 65 Resp: 87228
 Ion Ratio Lower Upper
 65 100
 67 52.4 0.0 101.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.54 min Scan# 2163
 Delta R.T. -0.01 min
 Lab File: VN061249.D
 Acq: 2 May 2020 3:37

Tgt Ion: 114 Resp: 197192
 Ion Ratio Lower Upper
 114 100
 63 23.8 0.0 46.6
 88 16.0 0.0 33.4

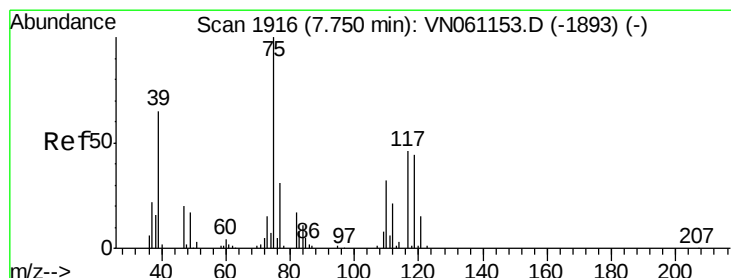
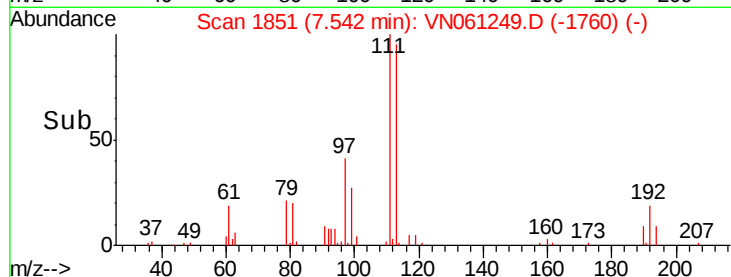
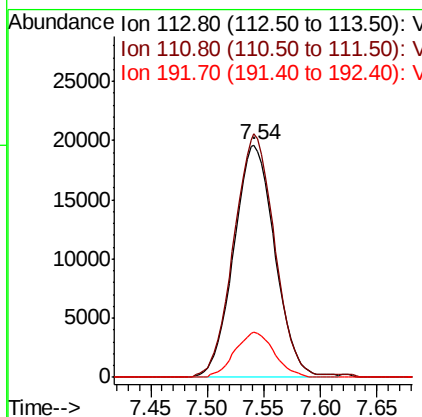
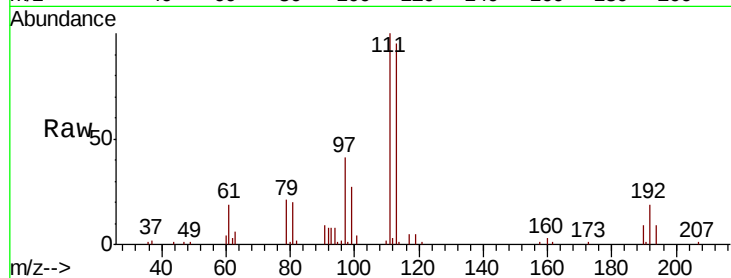




#35
 Dibromofluoromethane
 Concen: 42.577 ug/l
 RT: 7.54 min Scan# 1851
 Delta R.T. -0.01 min
 Lab File: VN061249.D
 Acq: 2 May 2020 3:37

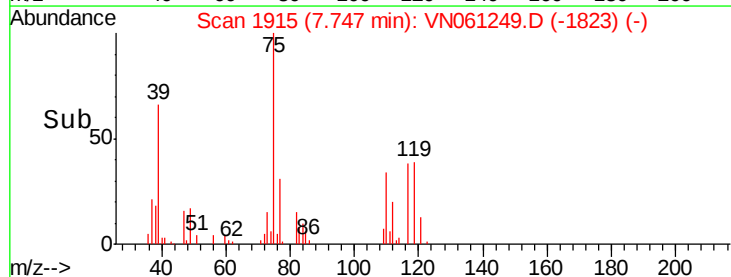
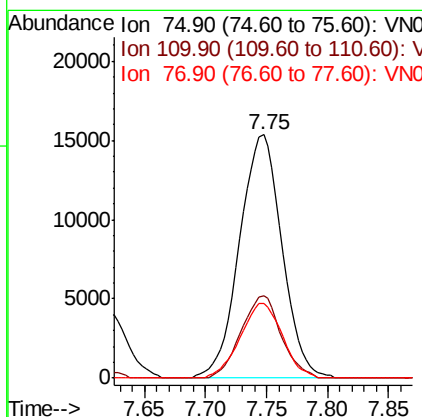
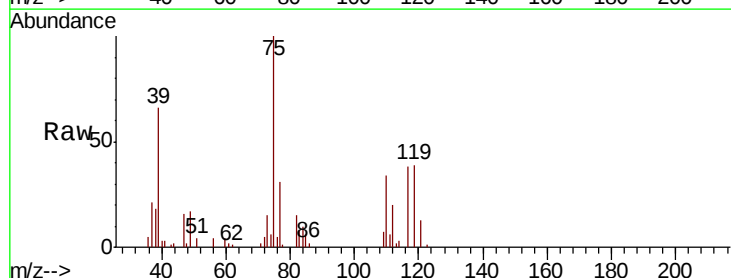
Instrument :
 MSVOA_N
 ClientSampleId :

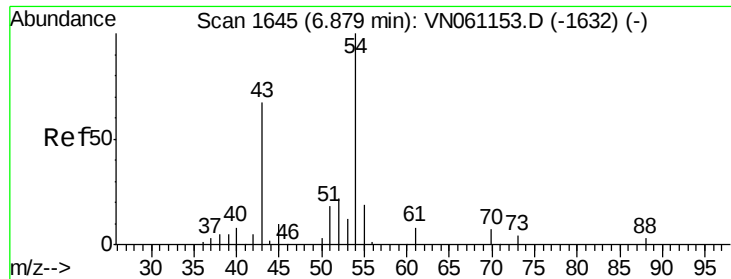
Tot Ion	Ratio	Lower	Upper
113	100		
111	104.1	82.9	124.3
192	18.6	14.7	22.1



#36
 1,1-Dichloropropene
 Concen: 18.755 ug/l
 RT: 7.75 min Scan# 1915
 Delta R.T. -0.00 min
 Lab File: VN061249.D
 Acq: 2 May 2020 3:37

Tgt Ion	Ratio	Lower	Upper
75	100		
110	31.9	16.0	48.0
77	30.4	24.6	37.0

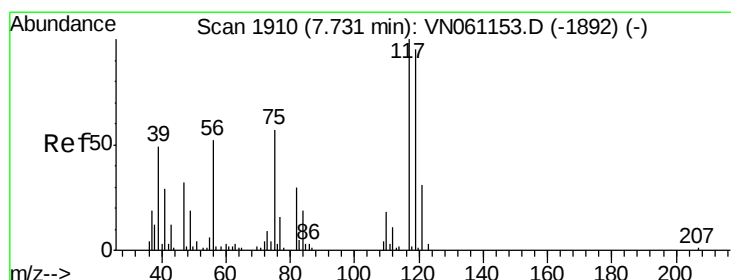
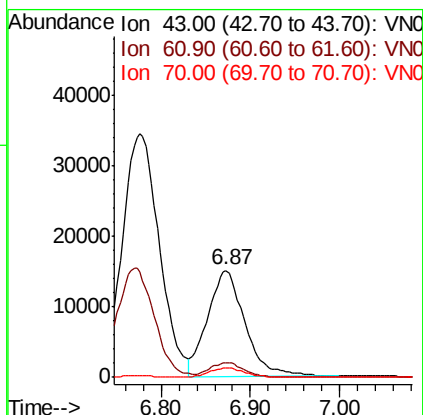
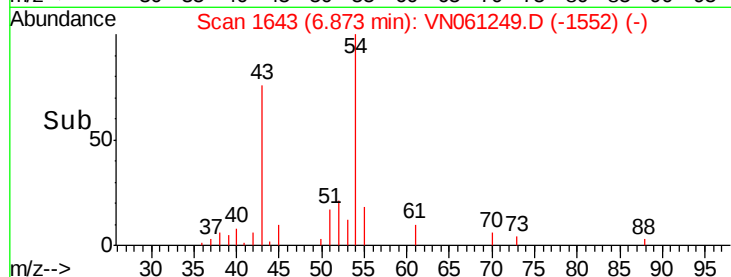
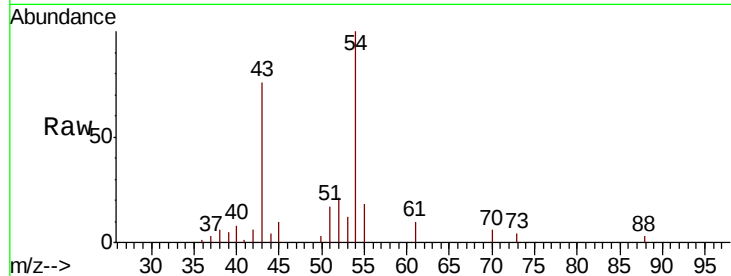




#37
Ethyl Acetate
Concen: 18.865 ug/l
RT: 6.87 min Scan# 1643
Delta R.T. -0.01 min
Lab File: VN061249.D
Acq: 2 May 2020 3:37

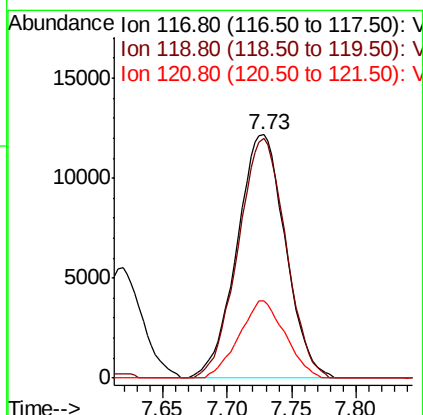
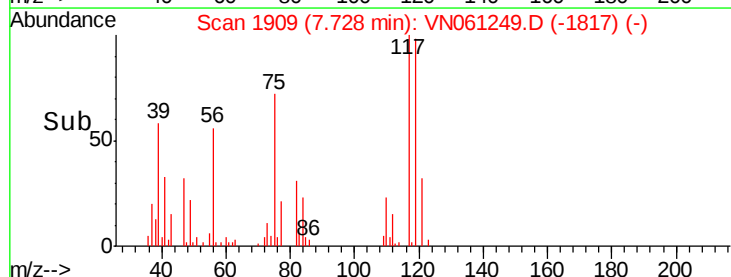
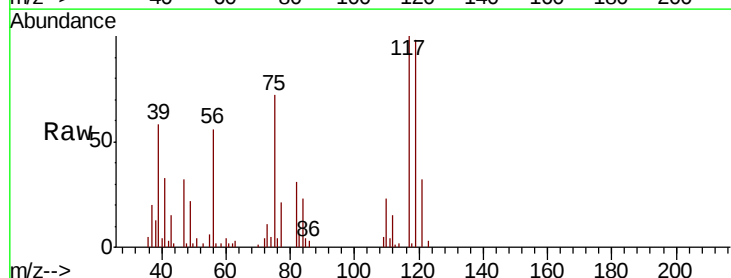
Instrument :
MSVOA_N
ClientSampled :

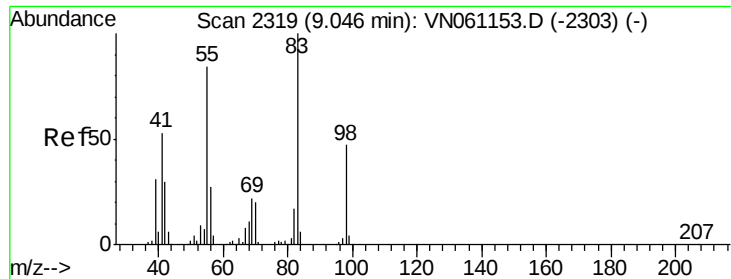
Tot Ion: 43 Resp: 43658
Ion Ratio Lower Upper
43 100
61 12.6 10.2 15.2
70 8.2 7.2 10.8



#38
Carbon Tetrachloride
Concen: 19.171 ug/l
RT: 7.73 min Scan# 1909
Delta R.T. -0.00 min
Lab File: VN061249.D
Acq: 2 May 2020 3:37

Tgt Ion: 117 Resp: 31867
Ion Ratio Lower Upper
117 100
119 98.5 75.8 113.6
121 31.8 24.7 37.1

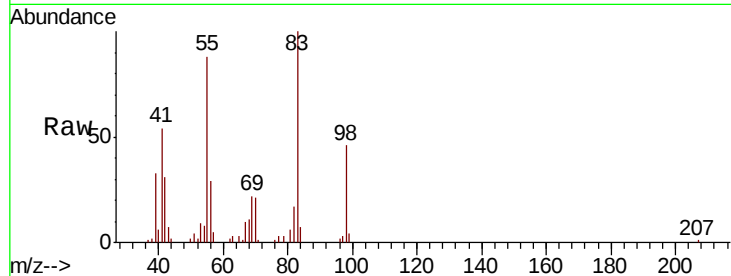




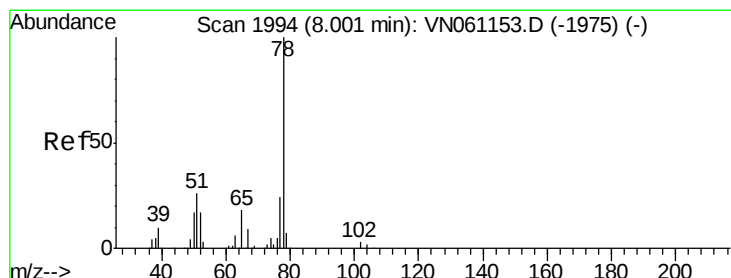
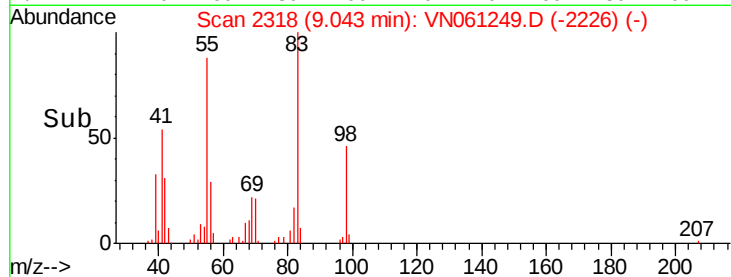
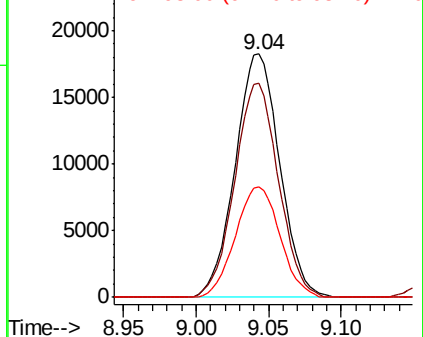
#39
Methvlcvclohexane
Concen: 17.601 ug/l
RT: 9.04 min Scan# 2318
Delta R.T. -0.00 min
Lab File: VN061249.D
Acq: 2 May 2020 3:37

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 83 Resp: 38965
Ion Ratio Lower Upper
83 100
55 87.9 67.3 100.9
98 45.5 37.7 56.5

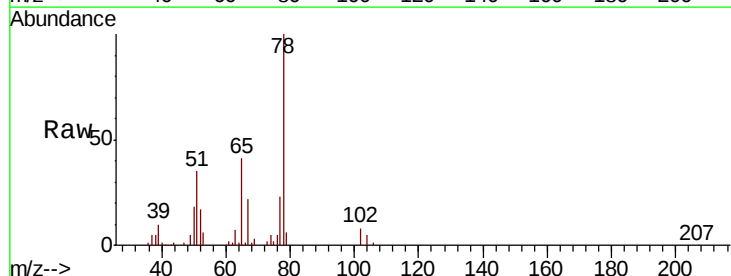


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

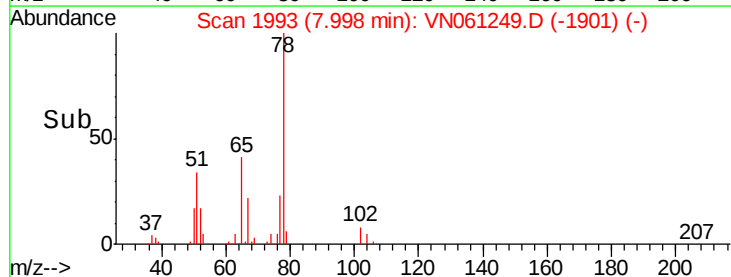
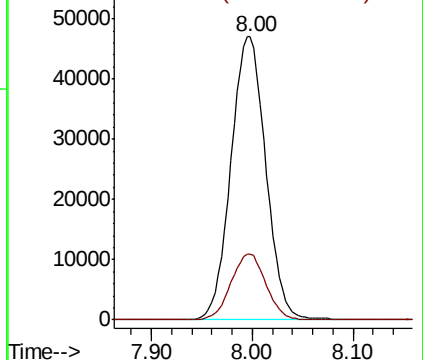


#40
Benzene
Concen: 19.143 ug/l
RT: 8.00 min Scan# 1993
Delta R.T. -0.00 min
Lab File: VN061249.D
Acq: 2 May 2020 3:37

Tgt Ion: 78 Resp: 112580
Ion Ratio Lower Upper
78 100
77 23.5 19.0 28.6



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

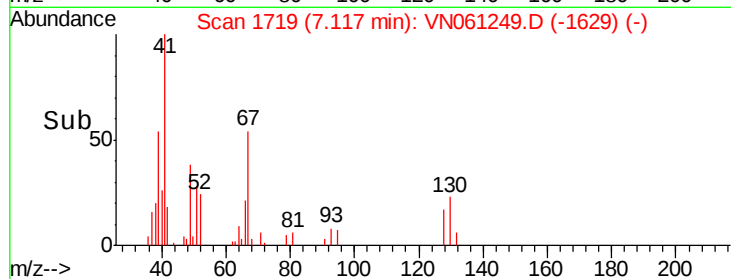
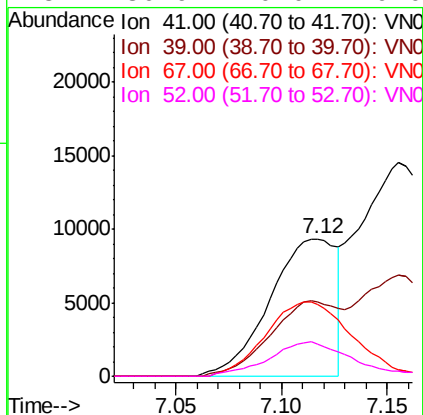
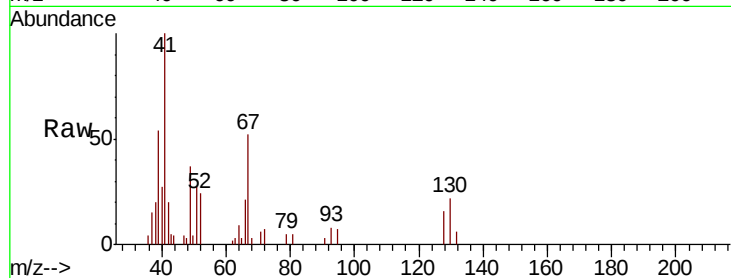




#41
Methacrylonitrile
Concen: 21.338 ug/l
RT: 7.12 min Scan# 1719
Delta R.T. -0.01 min
Lab File: VN061249.D
Acq: 2 May 2020 3:37

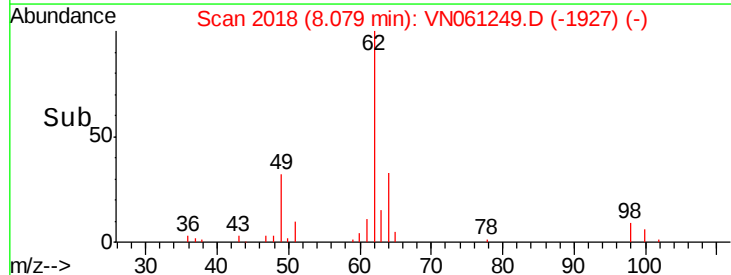
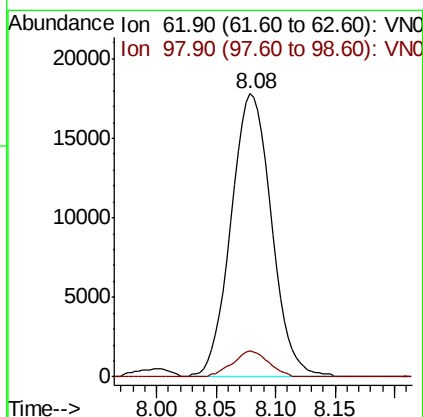
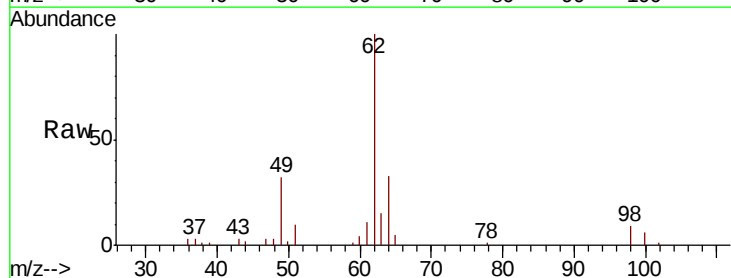
Instrument :
MSVOA_N
ClientSampled :

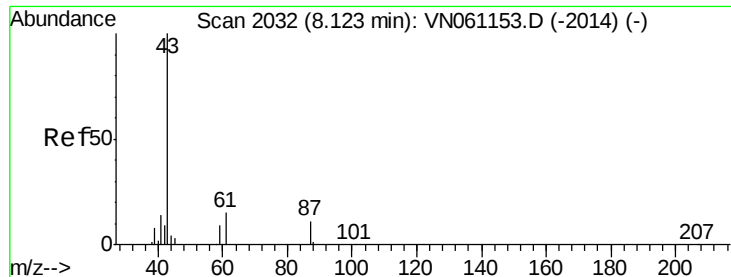
Tot Ion:	41	Resp:	20502
Ion	Ratio	Lower	Upper
41	100		
39	57.9	0.0	0.0#
67	70.6	0.0	0.0#
52	30.9	0.0	0.0#



#42
1,2-Dichloroethane
Concen: 18.894 ug/l
RT: 8.08 min Scan# 2018
Delta R.T. -0.01 min
Lab File: VN061249.D
Acq: 2 May 2020 3:37

Tgt Ion:	62	Resp:	42095
Ion	Ratio	Lower	Upper
62	100		
98	8.2	0.0	16.8





#43

Isopropyl Acetate

Concen: 18.469 ug/l

RT: 8.12 min Scan# 2031

Delta R.T. -0.00 min

Lab File: VN061249.D

Acq: 2 May 2020 3:37

Instrument :

MSVOA_N

ClientSampleId :

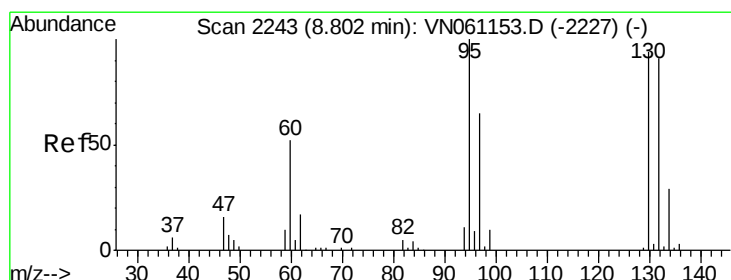
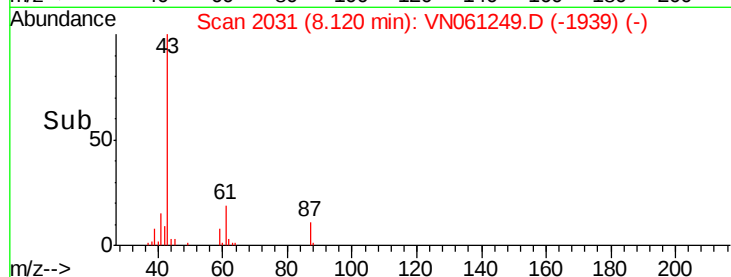
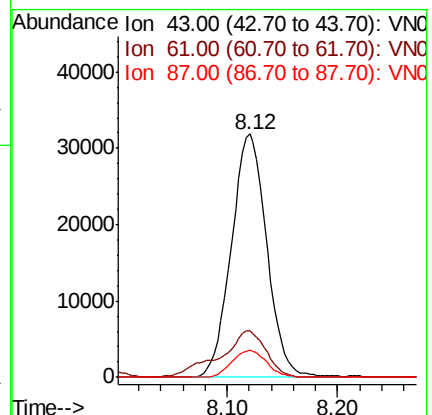
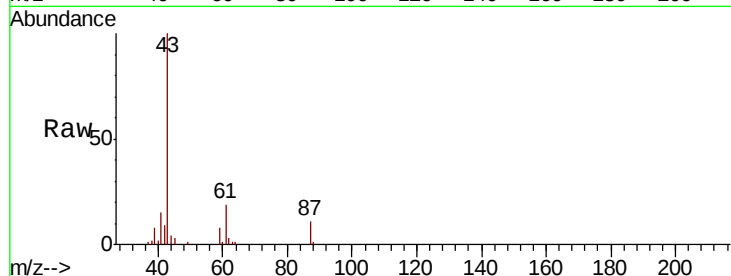
Tot Ion: 43 Resp: 70933

Ion Ratio Lower Upper

43 100

61 24.9 19.5 29.3

87 10.8 8.9 13.3



#44

Trichloroethene

Concen: 17.155 ug/l

RT: 8.80 min Scan# 2241

Delta R.T. -0.01 min

Lab File: VN061249.D

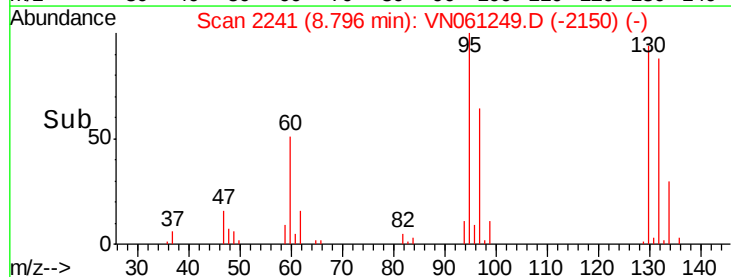
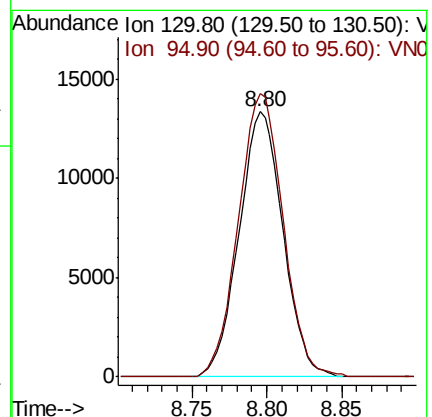
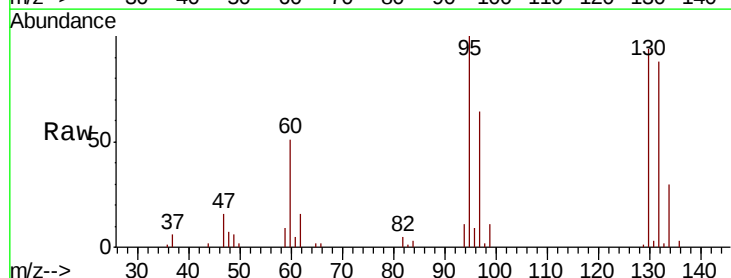
Acq: 2 May 2020 3:37

Tgt Ion: 130 Resp: 27273

Ion Ratio Lower Upper

130 100

95 106.8 0.0 212.4

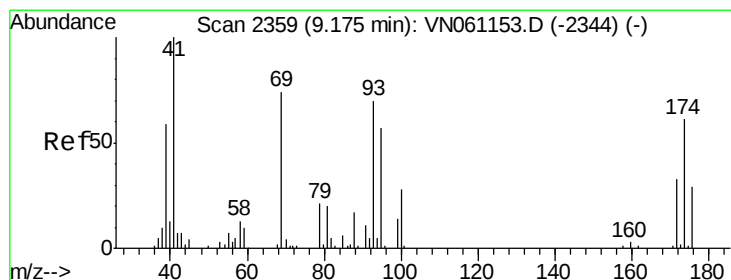
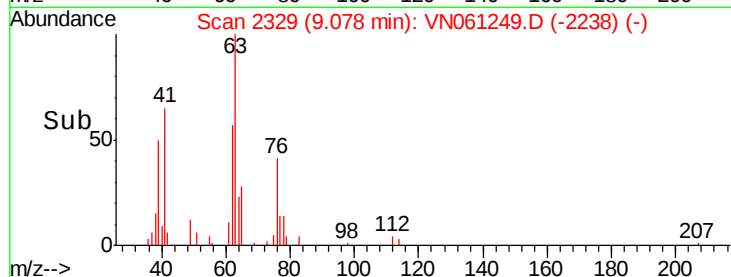
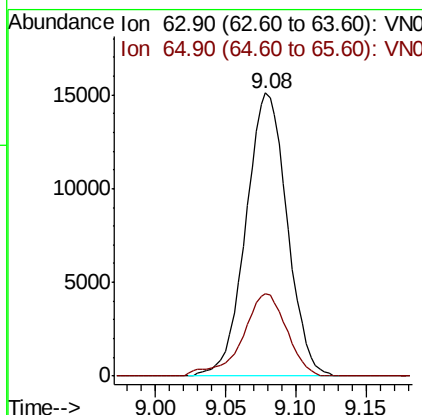
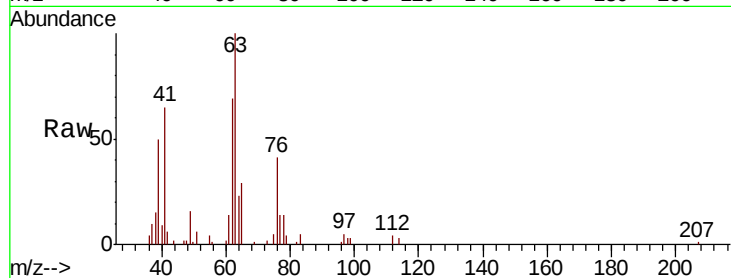




#45
 1,2-Dichloropropane
 Concen: 19.663 ug/l
 RT: 9.08 min Scan# 2329
 Delta R.T. -0.01 min
 Lab File: VN061249.D
 Acq: 2 May 2020 3:37

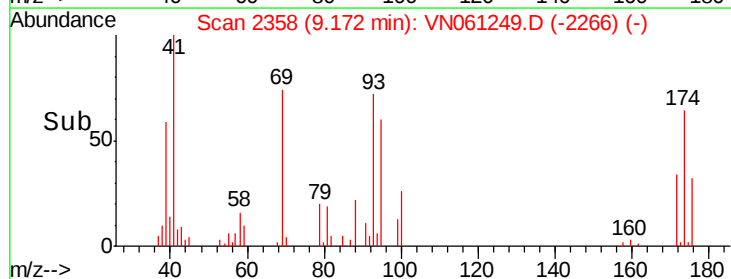
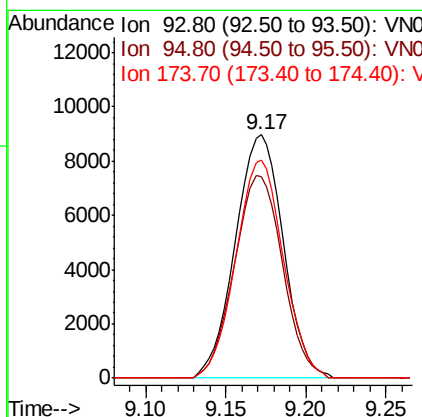
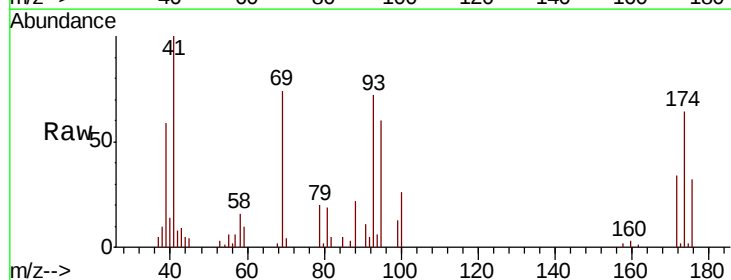
Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion: 63 Resp: 30894
 Ion Ratio Lower Upper
 63 100
 65 29.3 24.7 37.1



#46
 Dibromomethane
 Concen: 18.915 ug/l
 RT: 9.17 min Scan# 2358
 Delta R.T. -0.00 min
 Lab File: VN061249.D
 Acq: 2 May 2020 3:37

Tgt Ion: 93 Resp: 18401
 Ion Ratio Lower Upper
 93 100
 95 83.3 66.6 99.8
 174 88.6 70.2 105.2





#47

Bromodichloromethane

Concen: 18.910 ug/l

RT: 9.36 min Scan# 2418

Delta R.T. -0.01 min

Lab File: VN061249.D

Acq: 2 May 2020 3:37

Instrument :

MSVOA_N

ClientSampled :

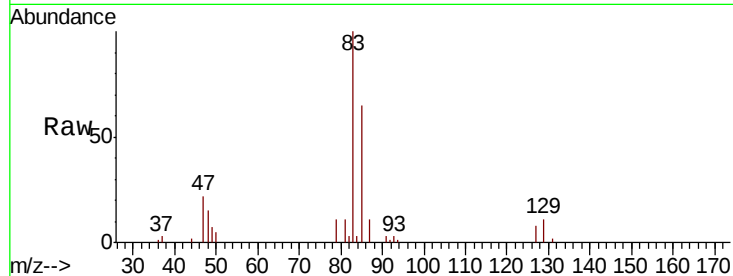
Tot Ion: 83 Resp: 39484

Ion Ratio Lower Upper

83 100

85 65.2 50.4 75.6

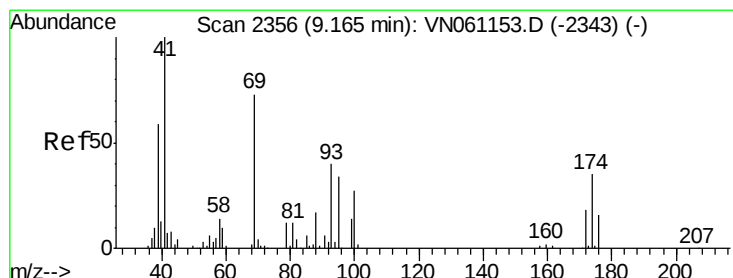
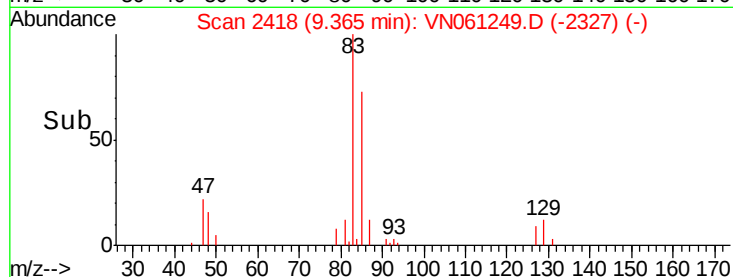
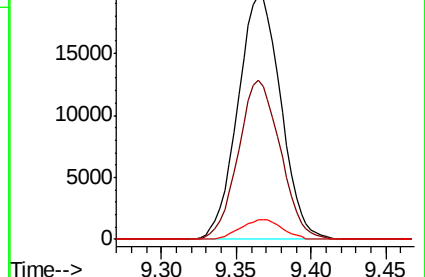
127 7.8 6.2 9.2



Abundance Ion 82.90 (82.60 to 83.60): VN061153.D (-2404) (-)

Ion 84.90 (84.60 to 85.60): VN061153.D (-2404) (-)

Ion 126.80 (126.50 to 127.50): VN061153.D (-2404) (-)



#48

Methyl methacrylate

Concen: 18.284 ug/l

RT: 9.16 min Scan# 2355

Delta R.T. -0.00 min

Lab File: VN061249.D

Acq: 2 May 2020 3:37

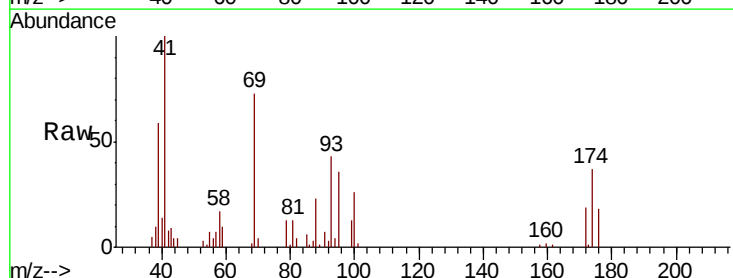
Tgt Ion: 41 Resp: 31688

Ion Ratio Lower Upper

41 100

69 74.8 60.3 90.5

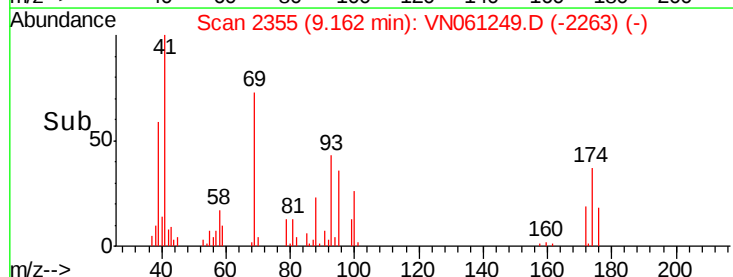
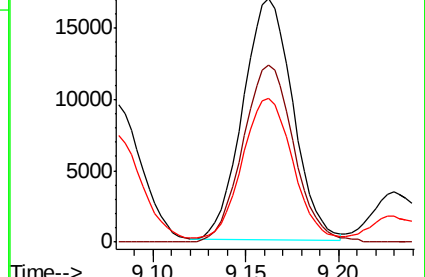
39 61.2 47.4 71.0



Abundance Ion 41.00 (40.70 to 41.70): VN061153.D (-2343) (-)

Ion 69.00 (68.70 to 69.70): VN061153.D (-2343) (-)

Ion 39.00 (38.70 to 39.70): VN061153.D (-2343) (-)

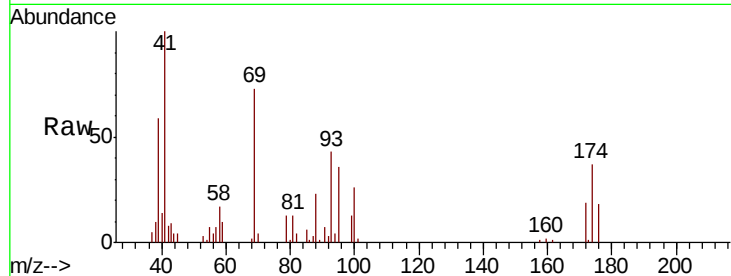




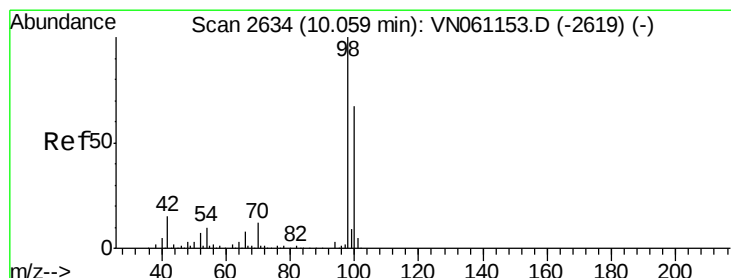
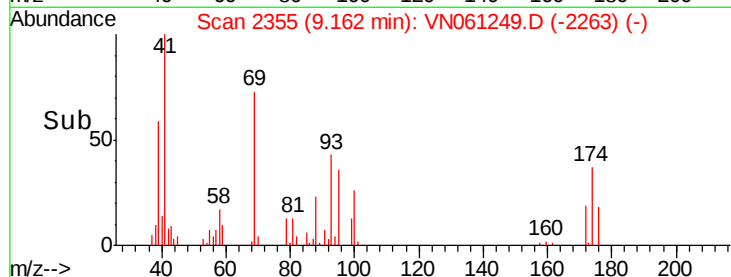
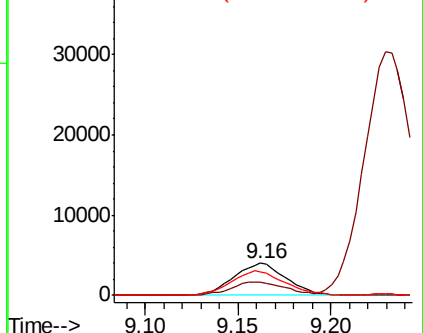
#49
1,4-Dioxane
Concen: 391.558 ug/l
RT: 9.16 min Scan# 2355
Delta R.T. -0.00 min
Lab File: VN061249.D
Acq: 2 May 2020 3:37

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 88 Resp: 7703
Ion Ratio Lower Upper
88 100
43 43.6 35.3 52.9
58 78.6 61.5 92.3

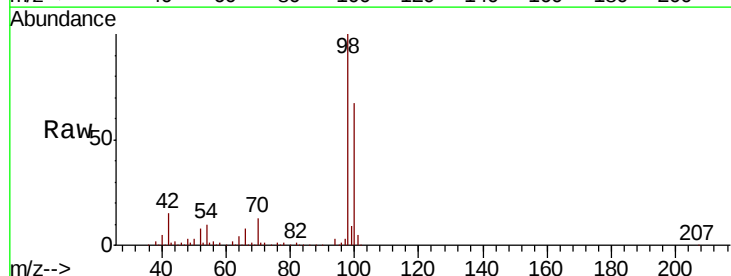


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

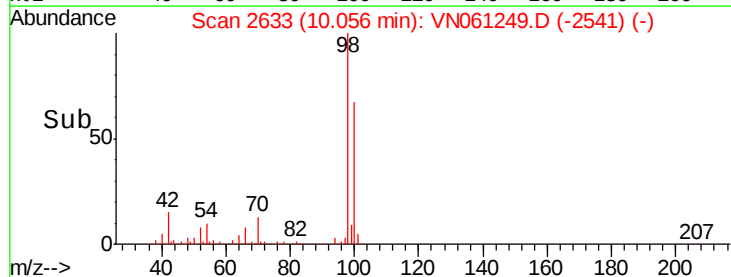
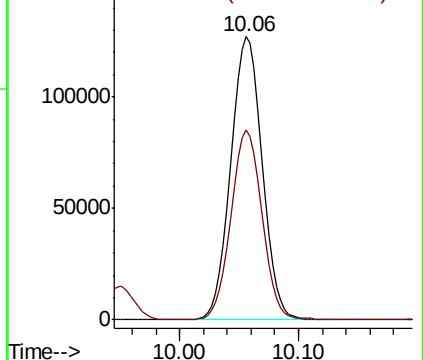


#50
Toluene-d8
Concen: 49.075 ug/l
RT: 10.06 min Scan# 2633
Delta R.T. -0.00 min
Lab File: VN061249.D
Acq: 2 May 2020 3:37

Tgt Ion: 98 Resp: 233274
Ion Ratio Lower Upper
98 100
100 66.2 53.4 80.0



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

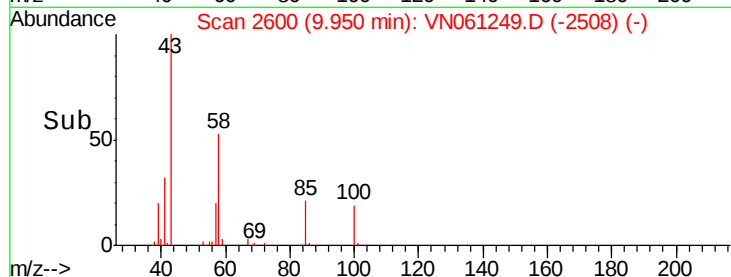
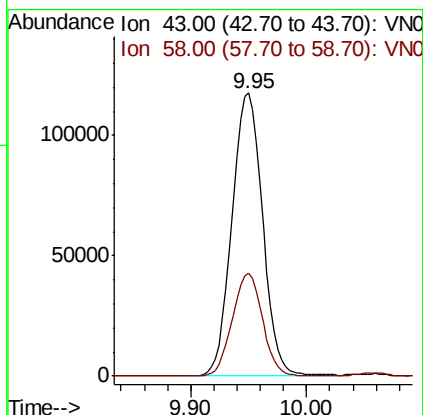
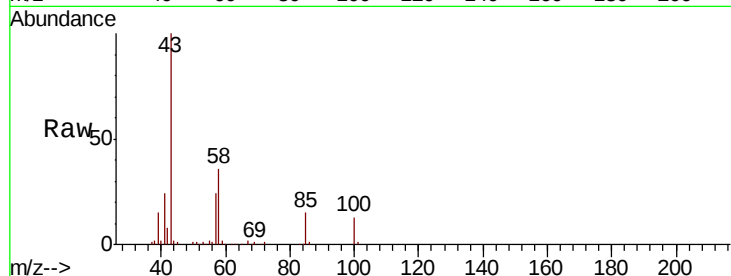




#51
 4-Methyl-2-Pentanone
 Concen: 95.145 ug/l
 RT: 9.95 min Scan# 2600
 Delta R.T. -0.00 min
 Lab File: VN061249.D
 Acq: 2 May 2020 3:37

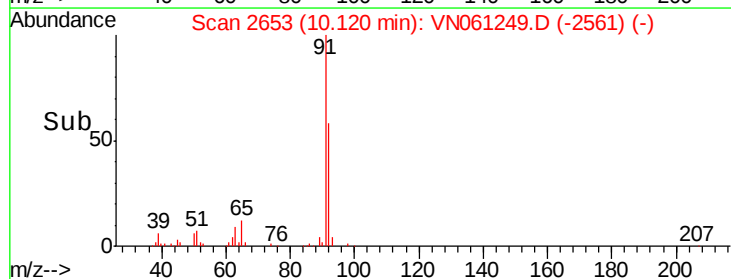
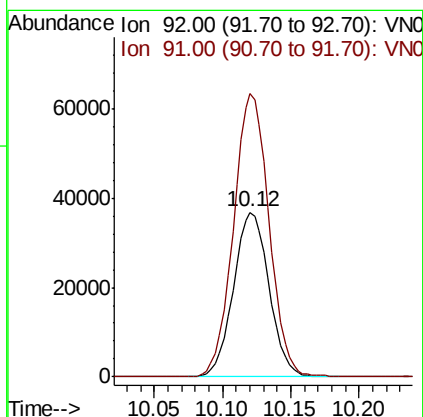
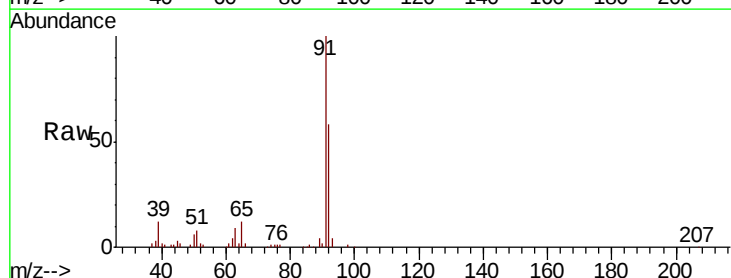
Instrument :
 MSVOA_N
 ClientSampleId :

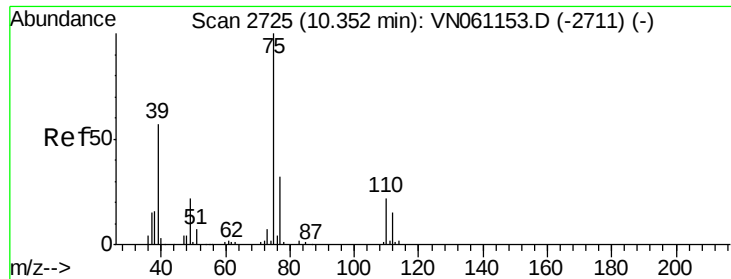
Tot Ion: 43 Resp: 215090
 Ion Ratio Lower Upper
 43 100
 58 35.7 29.1 43.7



#52
 Toluene
 Concen: 18.810 ug/l
 RT: 10.12 min Scan# 2653
 Delta R.T. -0.00 min
 Lab File: VN061249.D
 Acq: 2 May 2020 3:37

Tgt Ion: 92 Resp: 66630
 Ion Ratio Lower Upper
 92 100
 91 171.5 136.2 204.2

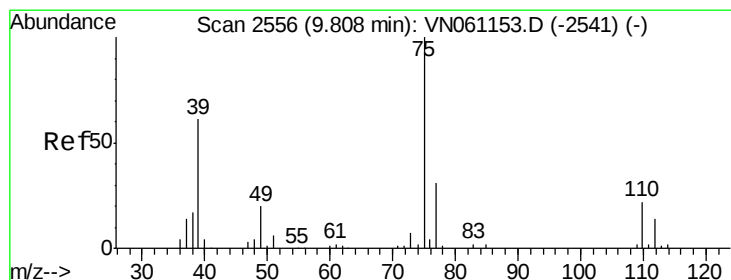
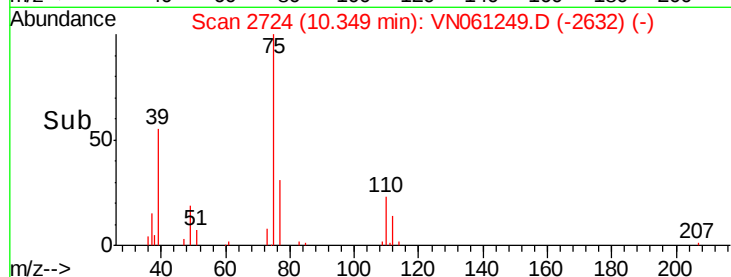
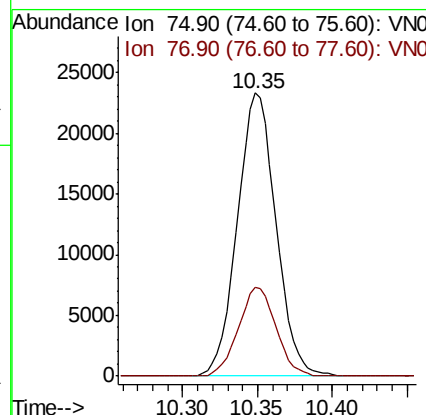
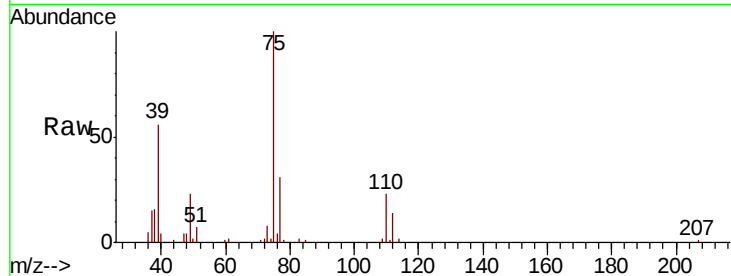




#53
t-1,3-Dichloropropene
Concen: 17.790 ug/l
RT: 10.35 min Scan# 2724
Delta R.T. -0.00 min
Lab File: VN061249.D
Acq: 2 May 2020 3:37

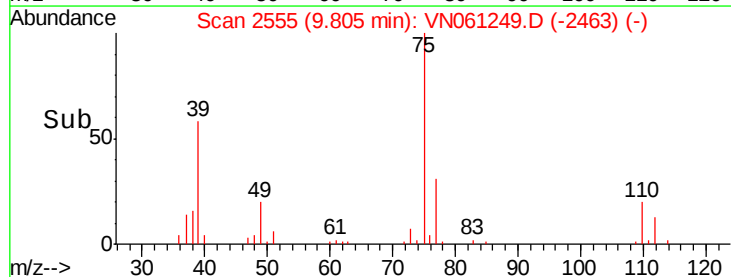
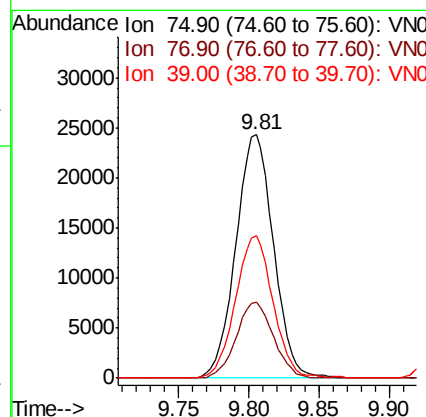
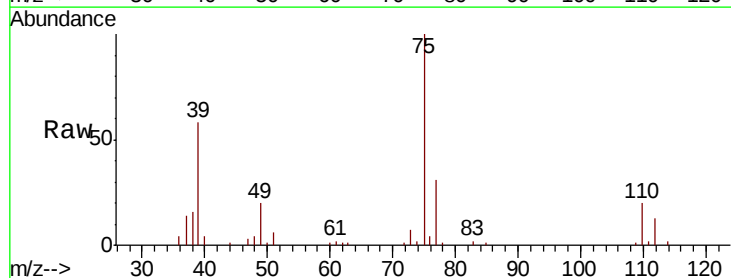
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 75 Resp: 41856
Ion Ratio Lower Upper
75 100
77 31.3 25.5 38.3



#54
cis-1,3-Dichloropropene
Concen: 18.301 ug/l
RT: 9.81 min Scan# 2555
Delta R.T. -0.00 min
Lab File: VN061249.D
Acq: 2 May 2020 3:37

Tgt Ion: 75 Resp: 45521
Ion Ratio Lower Upper
75 100
77 31.1 25.0 37.4
39 58.3 48.7 73.1

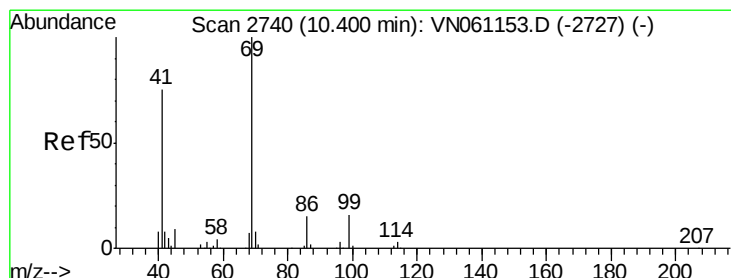
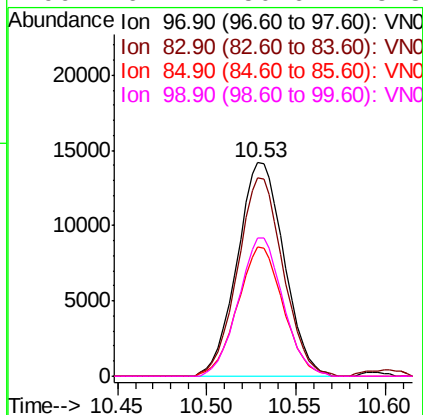
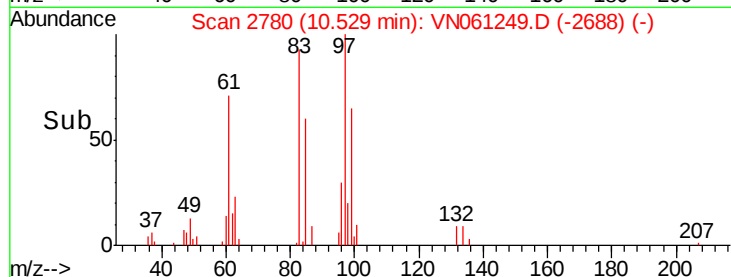
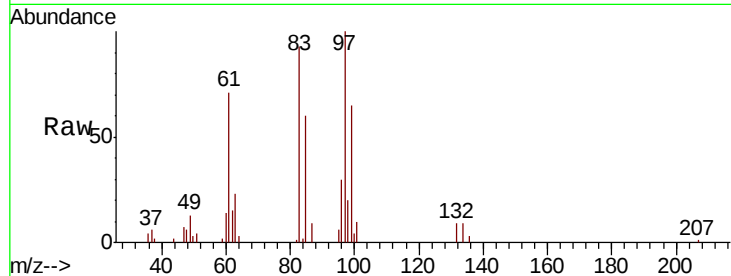




#55
 1,1,2-Trichloroethane
 Concen: 18.382 ug/l
 RT: 10.53 min Scan# 2780
 Delta R.T. -0.00 min
 Lab File: VN061249.D
 Acq: 2 May 2020 3:37

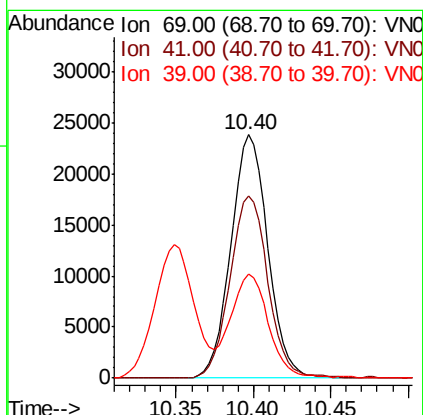
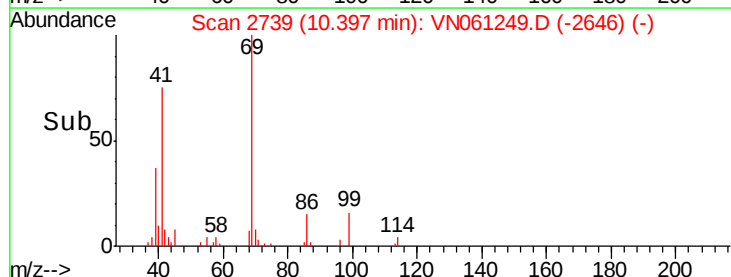
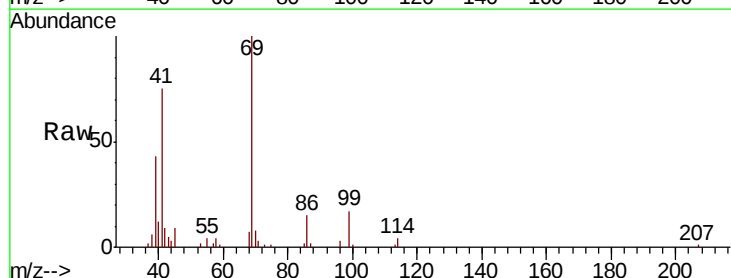
Instrument :
 MSVOA_N
 ClientSampleId :

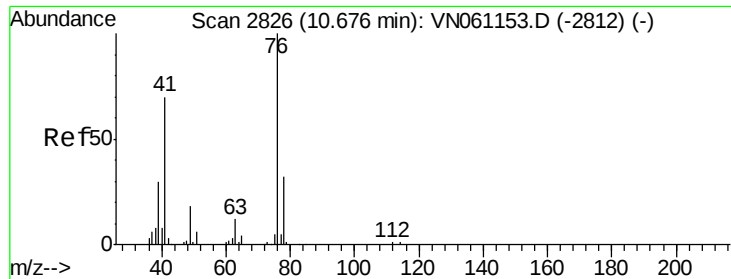
Tot Ion: 97 Resp: 25972
 Ion Ratio Lower Upper
 97 100
 83 92.9 70.6 106.0
 85 60.5 46.4 69.6
 99 64.7 50.6 75.8



#56
 Ethyl methacrylate
 Concen: 17.903 ug/l
 RT: 10.40 min Scan# 2739
 Delta R.T. -0.00 min
 Lab File: VN061249.D
 Acq: 2 May 2020 3:37

Tgt Ion: 69 Resp: 39521
 Ion Ratio Lower Upper
 69 100
 41 77.0 60.3 90.5
 39 44.2 35.9 53.9

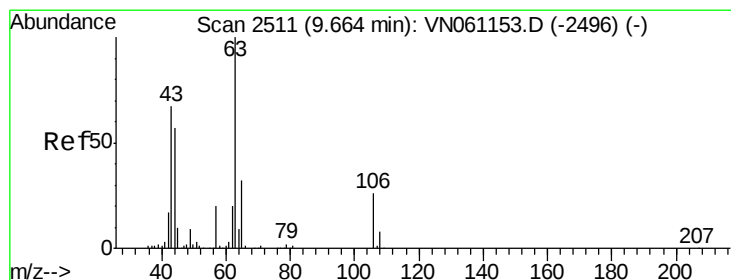
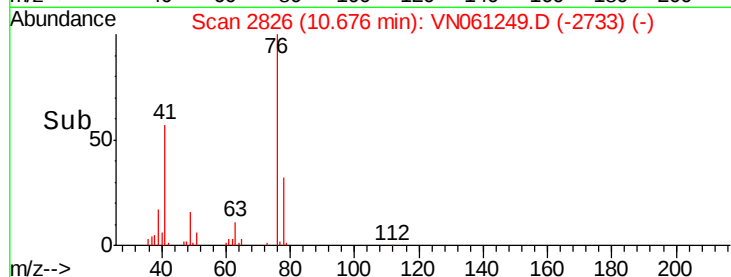
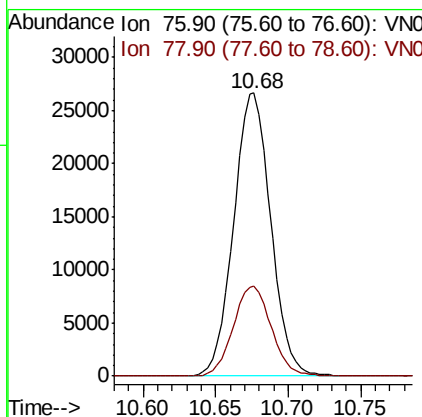
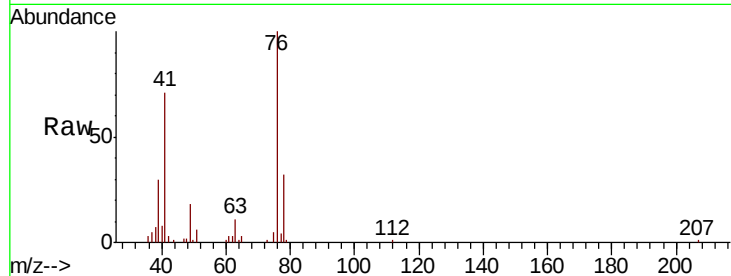




#57
 1,3-Dichloropropane
 Concen: 19.088 ug/l
 RT: 10.68 min Scan# 2826
 Delta R.T. 0.00 min
 Lab File: VN061249.D
 Acq: 2 May 2020 3:37

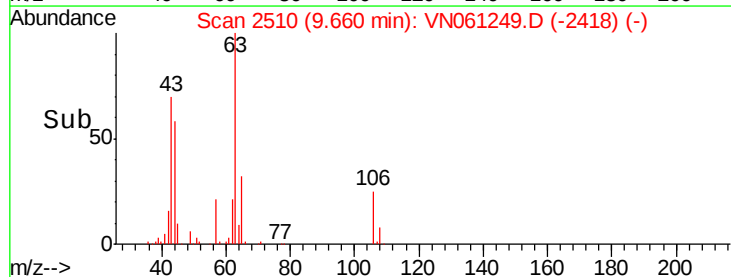
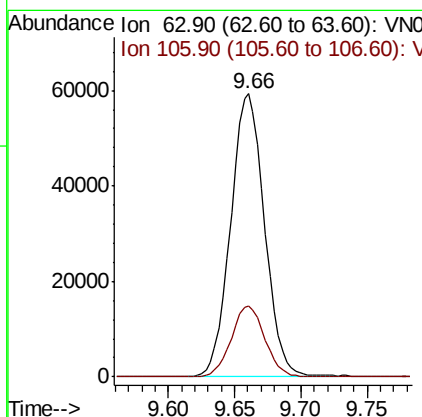
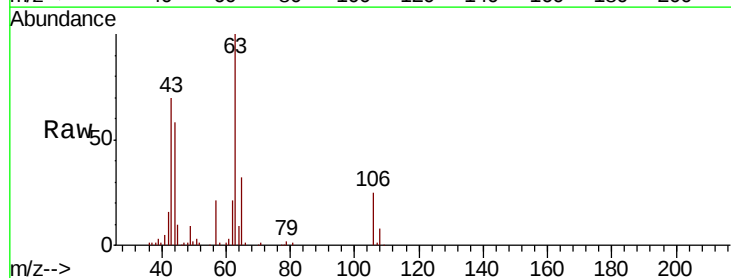
Instrument :
 MSVOA_N
 ClientSampled :

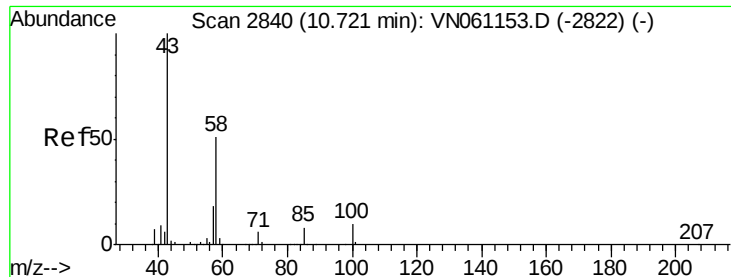
Tot Ion: 76 Resp: 47406
 Ion Ratio Lower Upper
 76 100
 78 32.4 25.5 38.3



#58
 2-Chloroethyl Vinyl ether
 Concen: 92.125 ug/l
 RT: 9.66 min Scan# 2510
 Delta R.T. -0.00 min
 Lab File: VN061249.D
 Acq: 2 May 2020 3:37

Tgt Ion: 63 Resp: 105362
 Ion Ratio Lower Upper
 63 100
 106 24.8 20.6 30.8

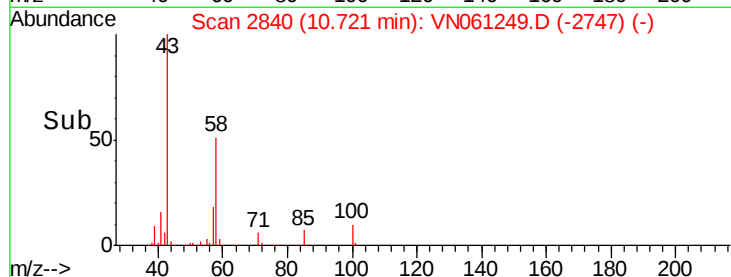
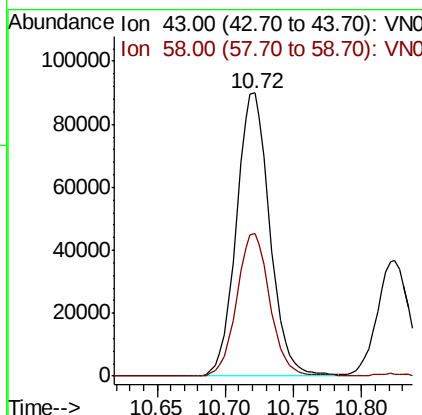
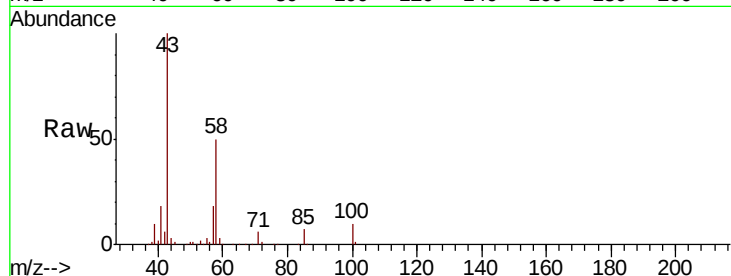




#59
2-Hexanone
Concen: 92.934 ug/l
RT: 10.72 min Scan# 2840
Delta R.T. 0.00 min
Lab File: VN061249.D
Acq: 2 May 2020 3:37

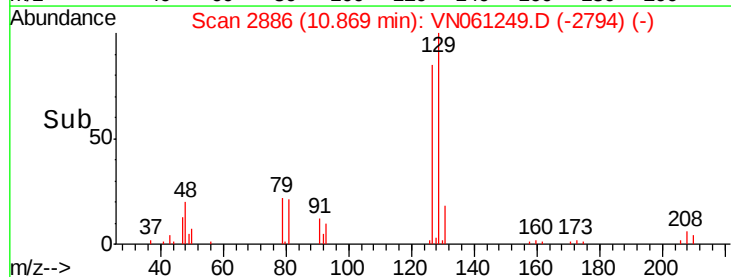
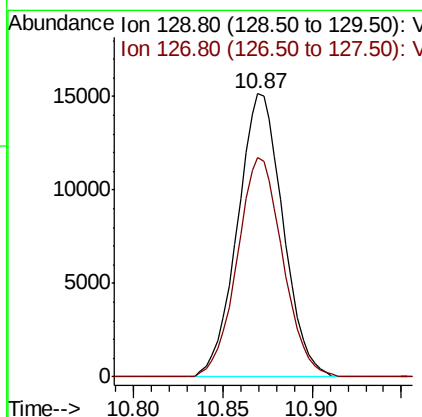
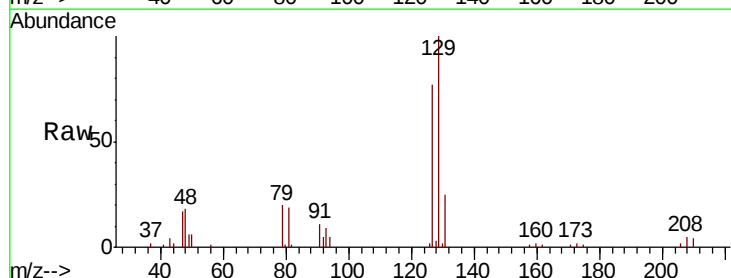
Instrument :
MSVOA_N
ClientSampleId :

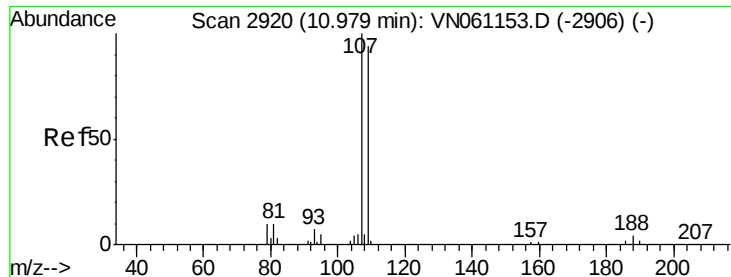
Tot Ion: 43 Resp: 152846
Ion Ratio Lower Upper
43 100
58 50.3 25.4 76.4



#60
Dibromochloromethane
Concen: 18.198 ug/l
RT: 10.87 min Scan# 2886
Delta R.T. -0.00 min
Lab File: VN061249.D
Acq: 2 May 2020 3:37

Tgt Ion: 129 Resp: 26930
Ion Ratio Lower Upper
129 100
127 77.6 39.3 117.8

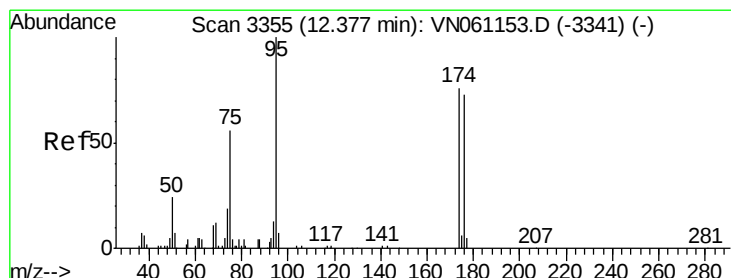
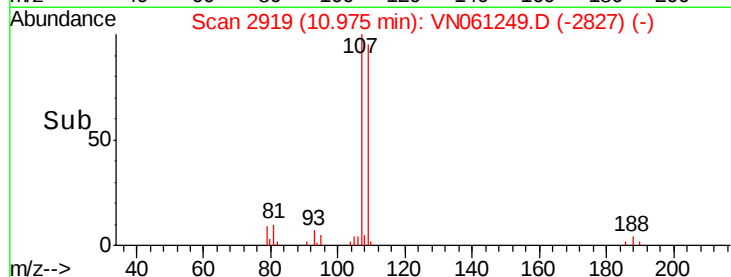
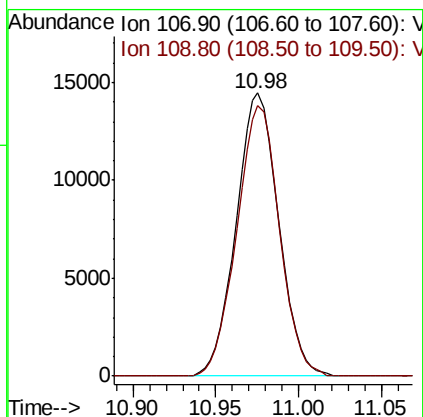
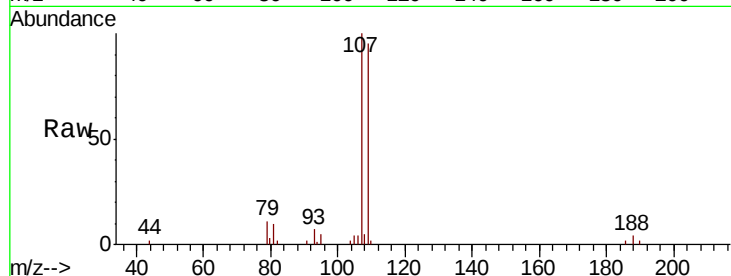




#61
 1,2-Dibromoethane
 Concen: 18.200 ug/l
 RT: 10.98 min Scan# 2919
 Delta R.T. -0.00 min
 Lab File: VN061249.D
 Acq: 2 May 2020 3:37

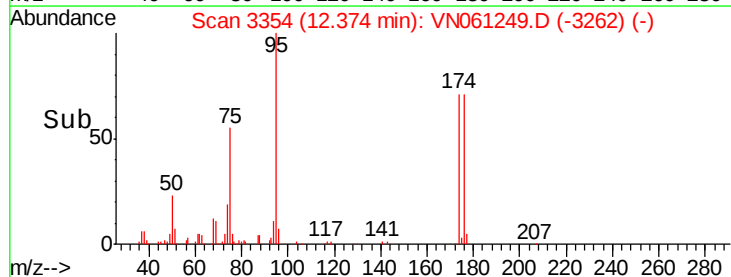
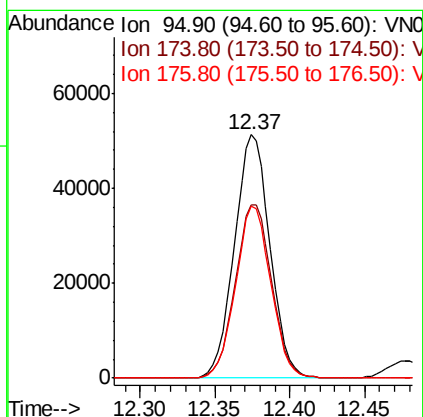
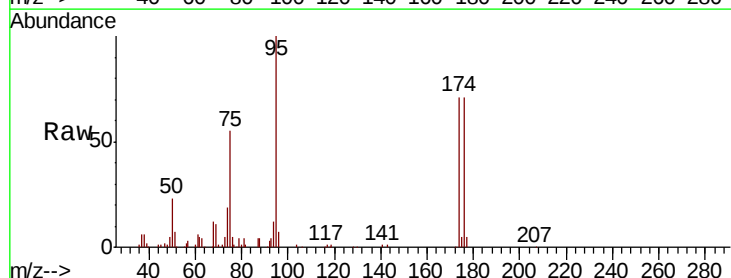
Instrument :
 MSVOA_N
 ClientSampleId :

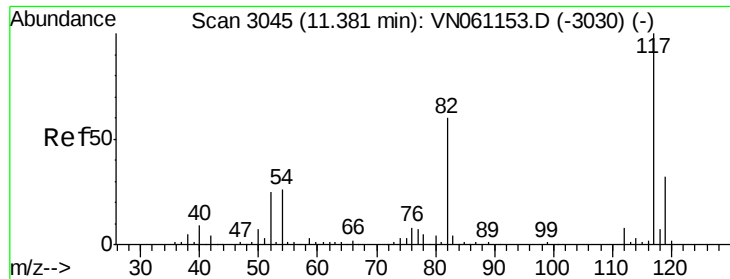
Tot Ion:107 Resp: 25774
 Ion Ratio Lower Upper
 107 100
 109 95.6 74.8 112.2



#62
 4-Bromofluorobenzene
 Concen: 47.348 ug/l
 RT: 12.37 min Scan# 3354
 Delta R.T. -0.00 min
 Lab File: VN061249.D
 Acq: 2 May 2020 3:37

Tgt Ion: 95 Resp: 84696
 Ion Ratio Lower Upper
 95 100
 174 73.0 0.0 149.4
 176 70.1 0.0 144.8

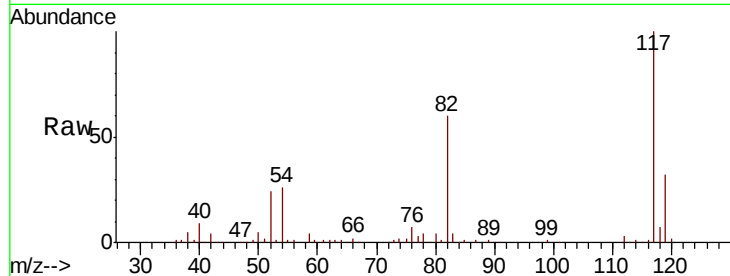




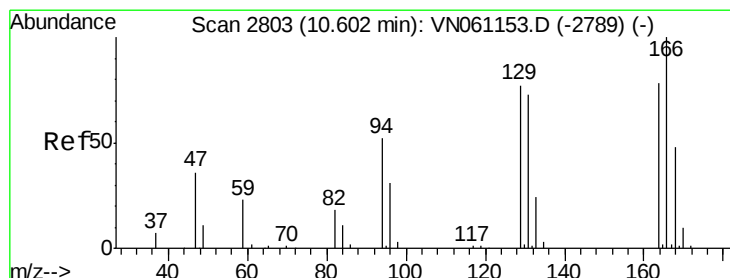
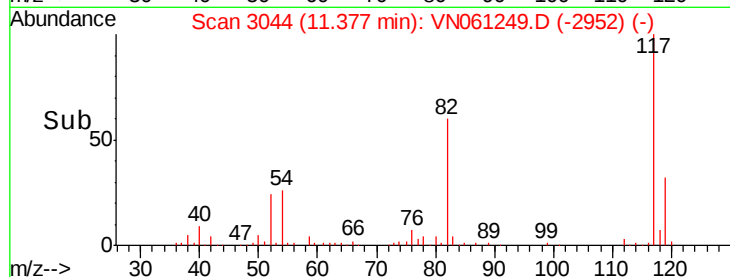
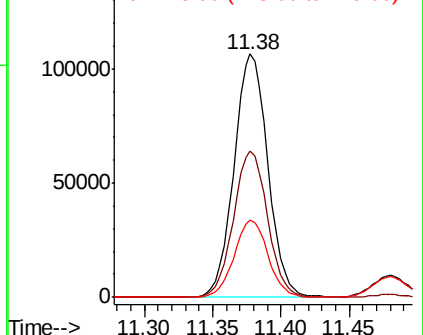
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 3044
Delta R.T. -0.00 min
Lab File: VN061249.D
Acq: 2 May 2020 3:37

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:117 Resp: 183205
Ion Ratio Lower Upper
117 100
82 60.0 47.8 71.8
119 31.7 25.8 38.6



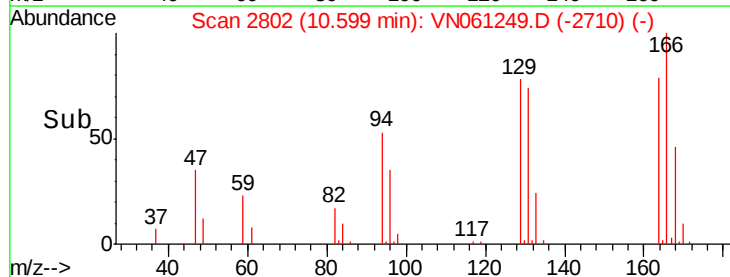
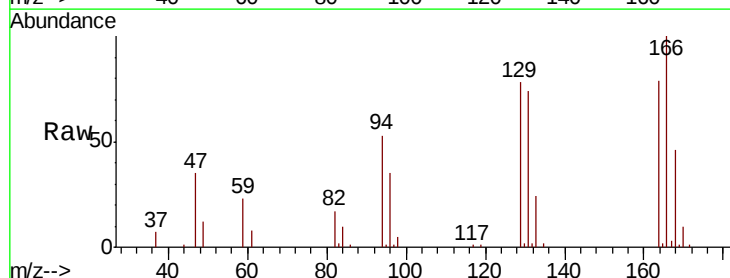
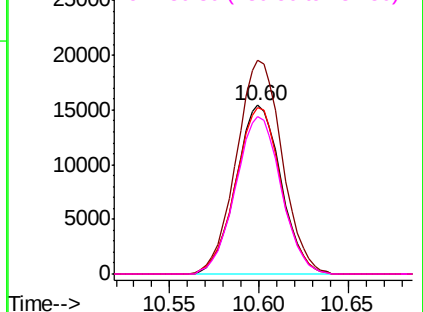
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

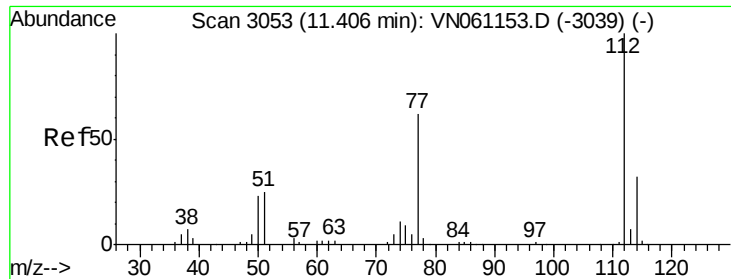


#64
Tetrachloroethene
Concen: 17.135 ug/l
RT: 10.60 min Scan# 2802
Delta R.T. -0.00 min
Lab File: VN061249.D
Acq: 2 May 2020 3:37

Tgt Ion:164 Resp: 27189
Ion Ratio Lower Upper
164 100
166 126.5 102.0 153.0
129 98.9 78.2 117.2
131 93.0 74.5 111.7

Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

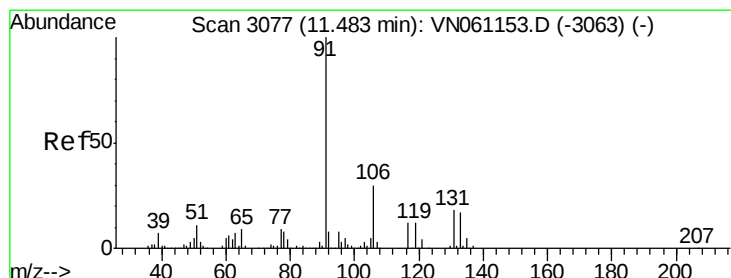
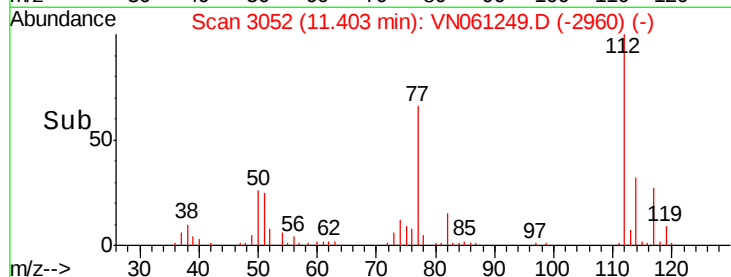
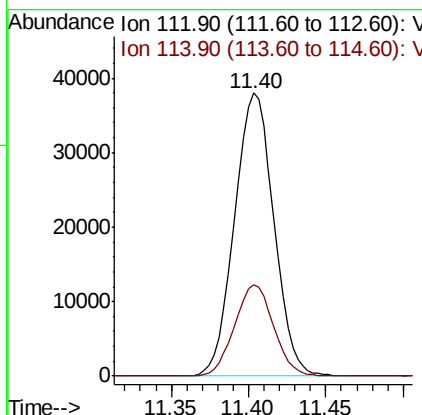
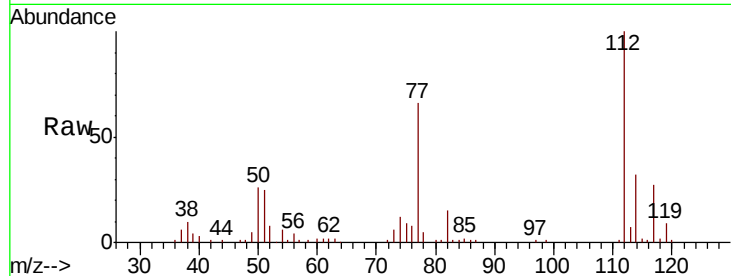




#65
Chlorobenzene
Concen: 18.491 ug/l
RT: 11.40 min Scan# 3052
Delta R.T. -0.00 min
Lab File: VN061249.D
Acq: 2 May 2020 3:37

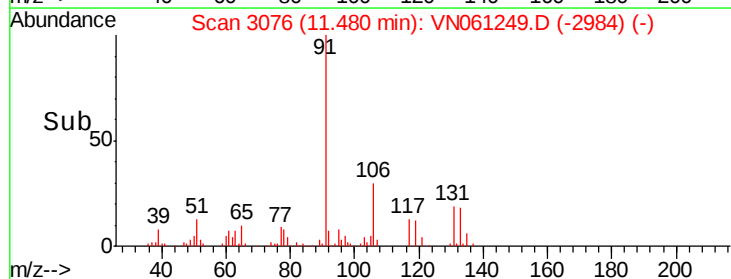
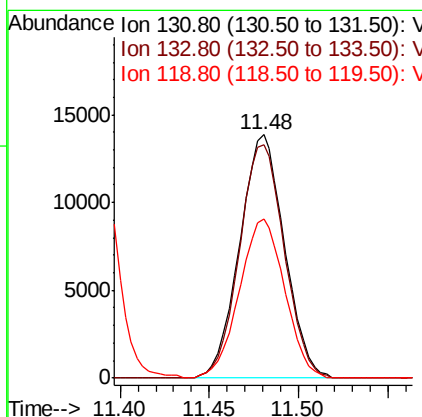
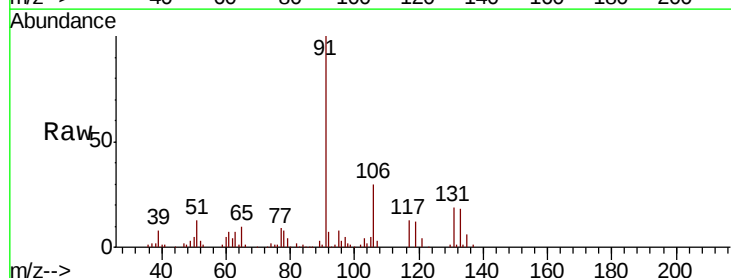
Instrument :
MSVOA_N
ClientSampled :

Tot Ion:112 Resp: 67198
Ion Ratio Lower Upper
112 100
114 32.4 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 18.691 ug/l
RT: 11.48 min Scan# 3076
Delta R.T. -0.00 min
Lab File: VN061249.D
Acq: 2 May 2020 3:37

Tgt Ion:131 Resp: 24312
Ion Ratio Lower Upper
131 100
133 96.3 48.0 144.2
119 66.1 32.6 97.8

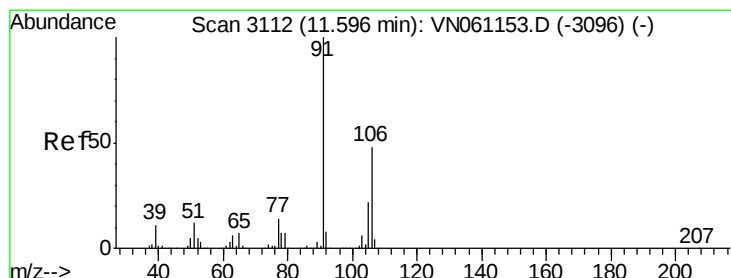
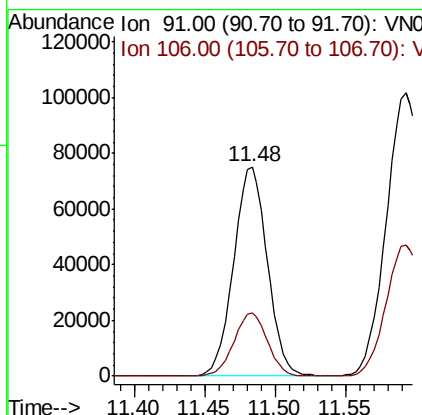
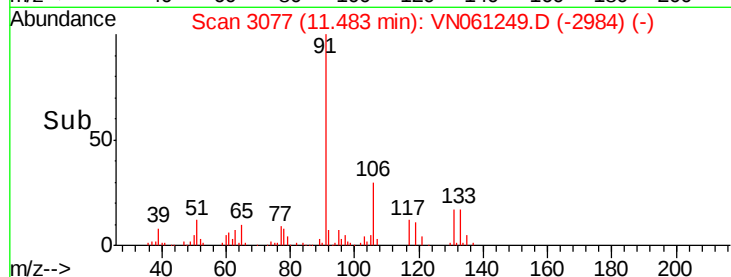
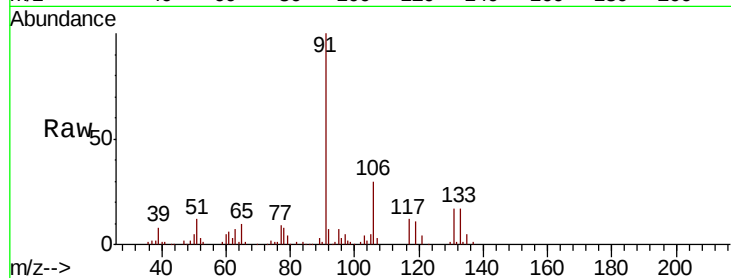




#67
Ethyl Benzene
Concen: 18.519 ug/l
RT: 11.48 min Scan# 3077
Delta R.T. 0.00 min
Lab File: VN061249.D
Acq: 2 May 2020 3:37

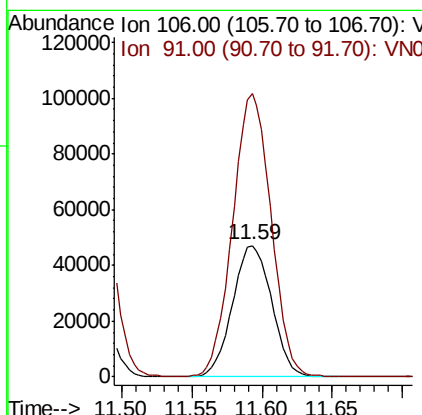
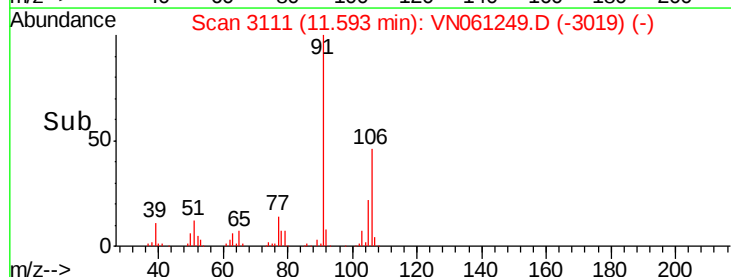
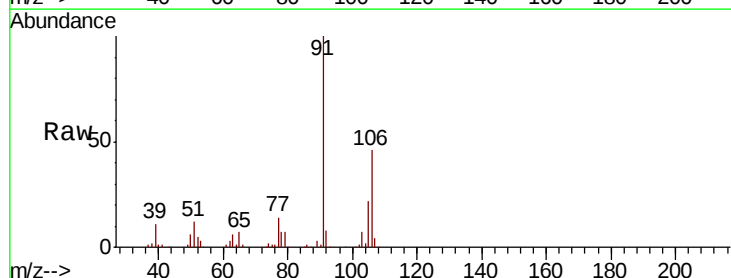
Instrument :
MSVOA_N
ClientSampled :

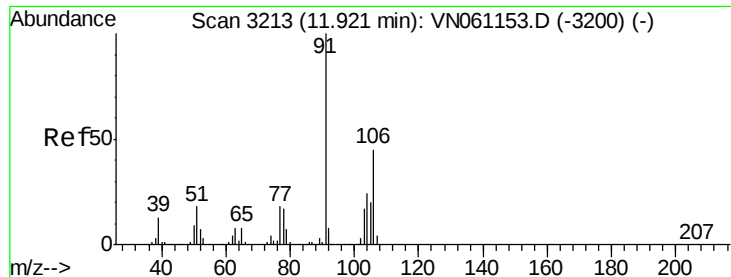
Tot Ion: 91 Resp: 125986
Ion Ratio Lower Upper
91 100
106 30.3 23.8 35.6



#68
m/p-Xylenes
Concen: 36.859 ug/l
RT: 11.59 min Scan# 3111
Delta R.T. -0.00 min
Lab File: VN061249.D
Acq: 2 May 2020 3:37

Tgt Ion: 106 Resp: 91784
Ion Ratio Lower Upper
106 100
91 210.9 166.4 249.6

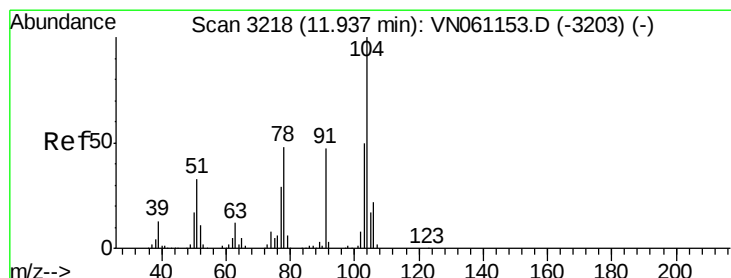
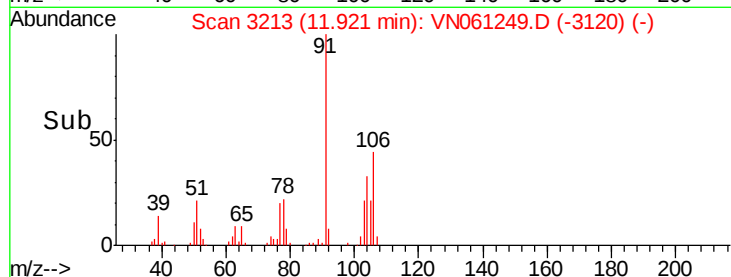
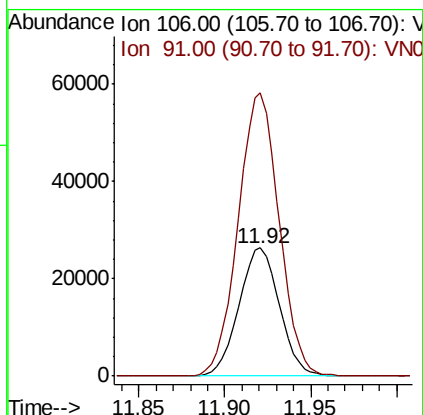
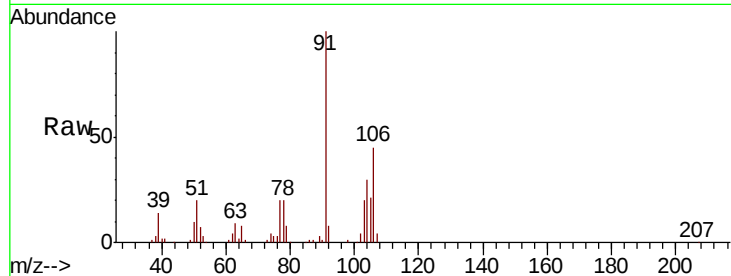




#69
o-Xylene
Concen: 18.103 ug/l
RT: 11.92 min Scan# 3213
Delta R.T. 0.00 min
Lab File: VN061249.D
Acq: 2 May 2020 3:37

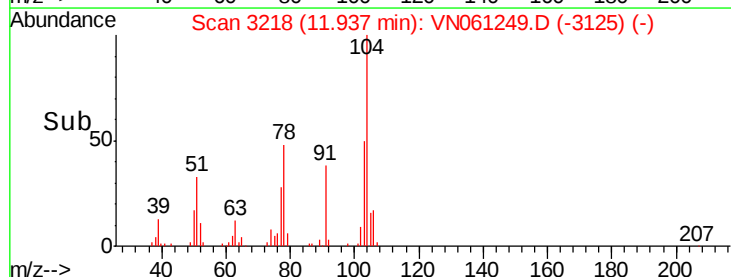
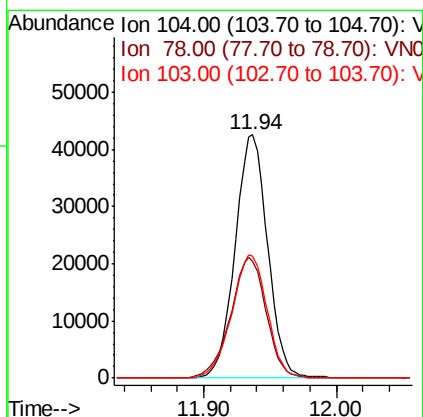
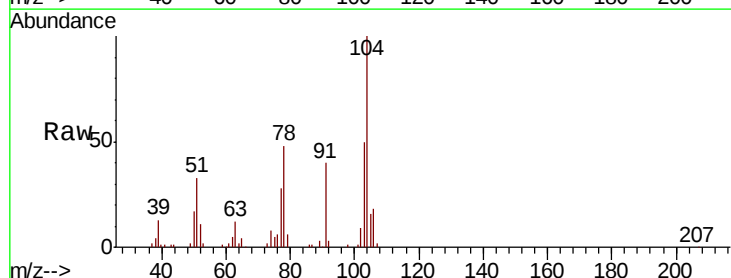
Instrument :
MSVOA_N
ClientSampleId :

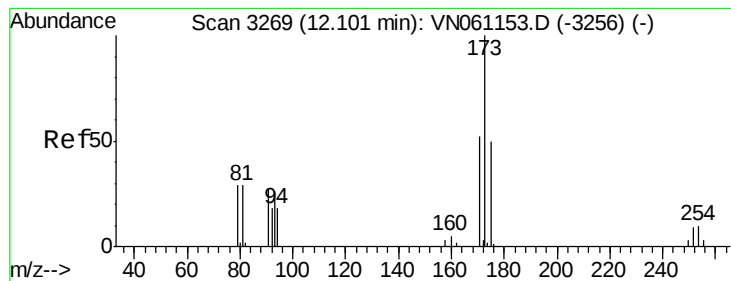
Tot Ion:106 Resp: 43302
Ion Ratio Lower Upper
106 100
91 222.8 109.7 329.0



#70
Styrene
Concen: 18.098 ug/l
RT: 11.94 min Scan# 3218
Delta R.T. 0.00 min
Lab File: VN061249.D
Acq: 2 May 2020 3:37

Tgt Ion:104 Resp: 72454
Ion Ratio Lower Upper
104 100
78 54.3 42.1 63.1
103 54.9 43.3 64.9





#71

Bromoform

Concen: 18.252 ug/l

RT: 12.10 min Scan# 3268

Delta R.T. -0.00 min

Lab File: VN061249.D

Acq: 2 May 2020 3:37

Instrument :

MSVOA_N

ClientSampleId :

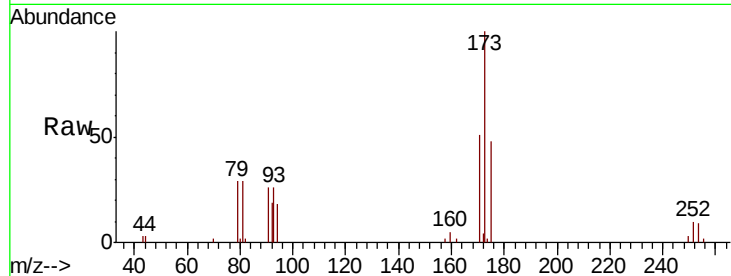
Tot Ion:173 Resp: 17448

Ion Ratio Lower Upper

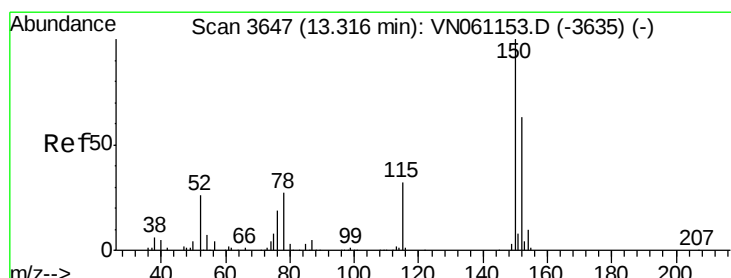
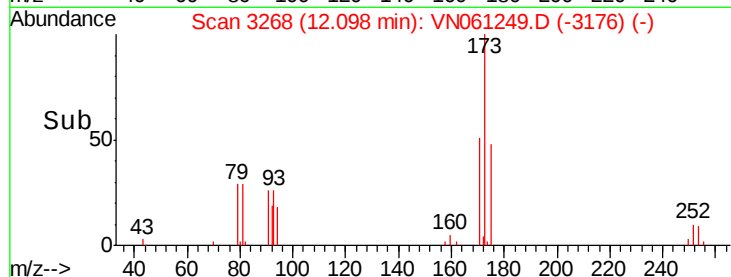
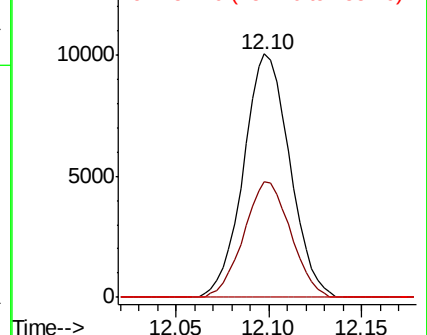
173 100

175 48.0 24.1 72.4

254 0.0 0.0 0.0



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3647

Delta R.T. 0.00 min

Lab File: VN061249.D

Acq: 2 May 2020 3:37

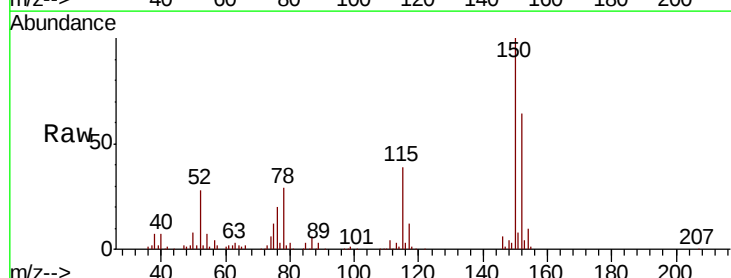
Tgt Ion:152 Resp: 86234

Ion Ratio Lower Upper

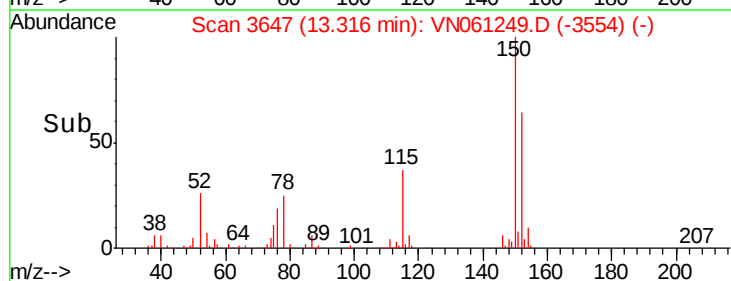
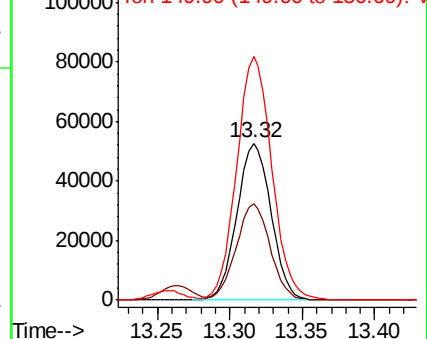
152 100

115 60.9 31.0 93.0

150 160.6 0.0 351.8



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: 18.563 ug/l

RT: 12.22 min Scan# 3307

Delta R.T. 0.00 min

Lab File: VN061249.D

Acq: 2 May 2020 3:37

Instrument :

MSVOA_N

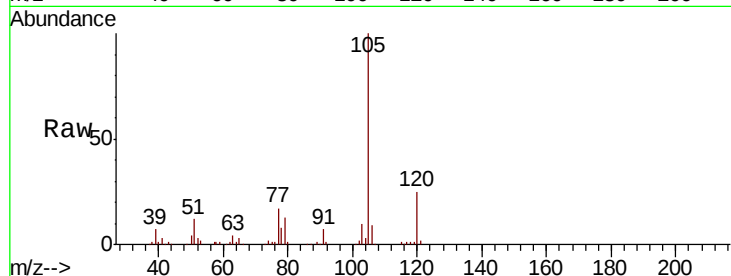
ClientSampleId :

Tot Ion:105 Resp: 117682

Ion Ratio Lower Upper

105 100

120 25.4 12.6 37.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.22

80000

60000

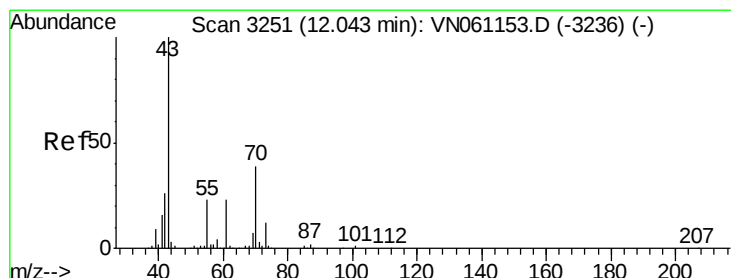
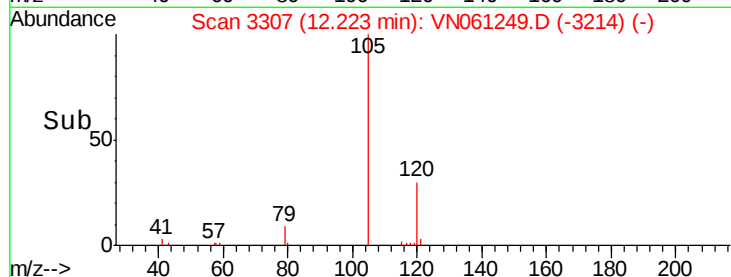
40000

20000

0

Time-->

12.15 12.20 12.25 12.30



#74

N-ethyl acetate

Concen: 18.070 ug/l

RT: 12.04 min Scan# 3251

Delta R.T. 0.00 min

Lab File: VN061249.D

Acq: 2 May 2020 3:37

Tgt Ion: 43 Resp: 58008

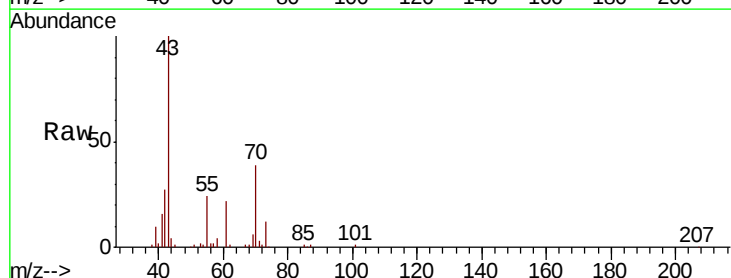
Ion Ratio Lower Upper

43 100

70 38.2 30.6 46.0

55 23.8 18.5 27.7

61 21.3 17.9 26.9



Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V

12.04

50000

40000

30000

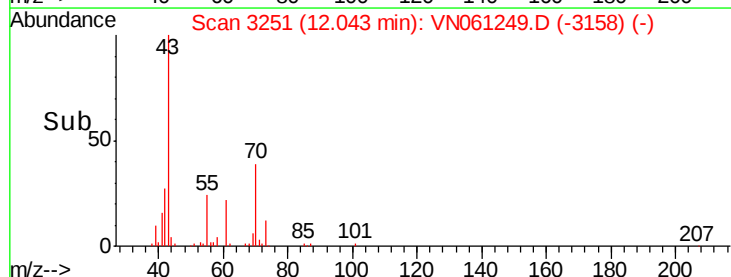
20000

10000

0

Time-->

12.00 12.05 12.10





#75

1,1,2,2-Tetrachloroethane

Concen: 18.651 ug/l

RT: 12.48 min Scan# 3386

Delta R.T. 0.00 min

Lab File: VN061249.D

Acq: 2 May 2020 3:37

Instrument :

MSVOA_N

ClientSampled :

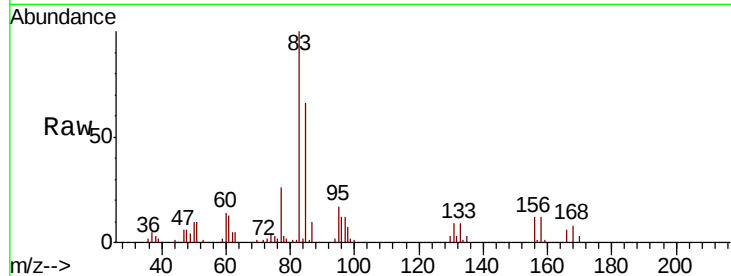
Tot Ion: 83 Resp: 36868

Ion Ratio Lower Upper

83 100

131 9.0 4.8 14.3

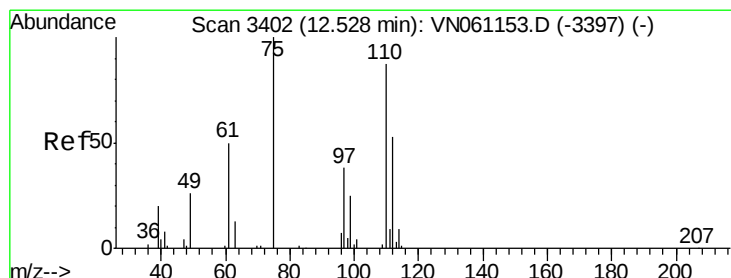
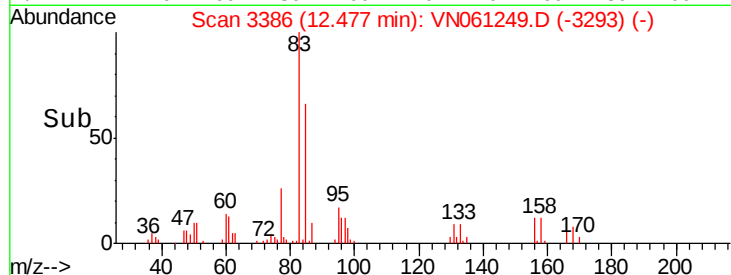
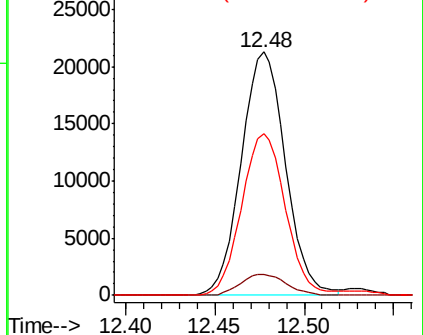
85 65.4 32.0 96.0



Abundance Ion 82.90 (82.60 to 83.60): VN061249.D (-3293) (-)

Ion 130.80 (130.50 to 131.50): VN061249.D (-3293) (-)

Ion 84.90 (84.60 to 85.60): VN061249.D (-3293) (-)



#76

1,2,3-Trichloropropane

Concen: 27.522 ug/l

RT: 12.53 min Scan# 3401

Delta R.T. -0.00 min

Lab File: VN061249.D

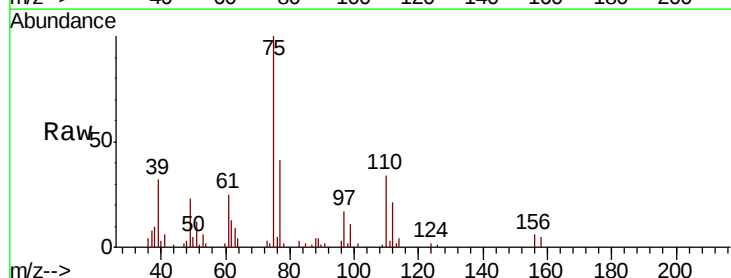
Acq: 2 May 2020 3:37

Tgt Ion: 75 Resp: 50036

Ion Ratio Lower Upper

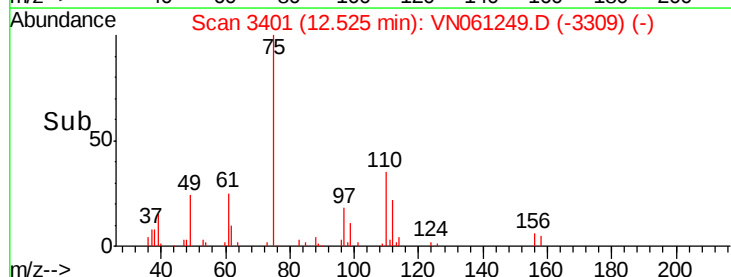
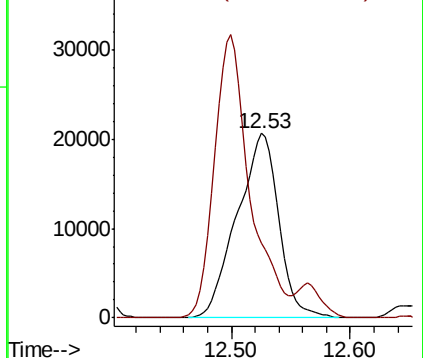
75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN061249.D (-3309) (-)

Ion 77.00 (76.70 to 77.70): VN061249.D (-3309) (-)





#77

Bromobenzene

Concen: 18.808 ug/l

RT: 12.50 min Scan# 3393

Delta R.T. 0.00 min

Lab File: VN061249.D

Acq: 2 May 2020 3:37

Instrument :

MSVOA_N

ClientSampled :

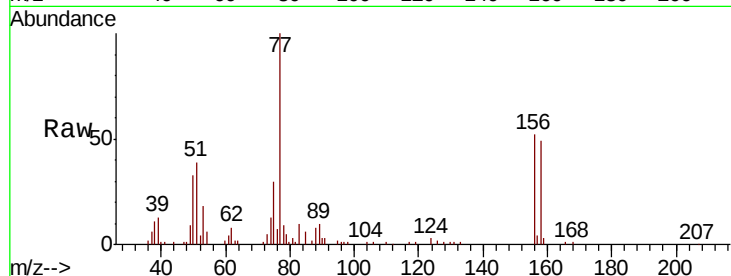
Tot Ion:156 Resp: 27524

Ion Ratio Lower Upper

156 100

77 237.1 117.4 352.2

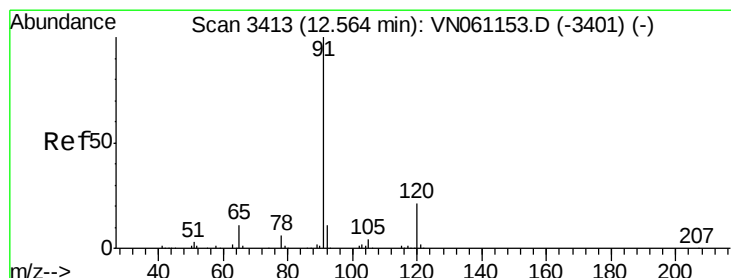
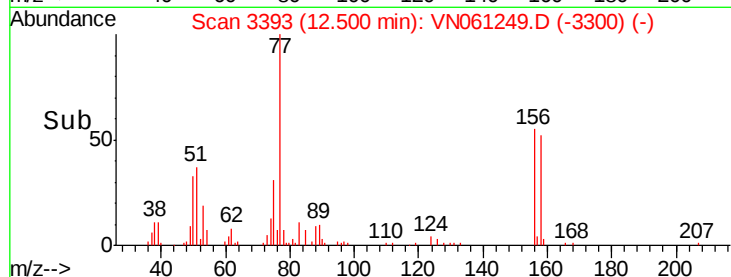
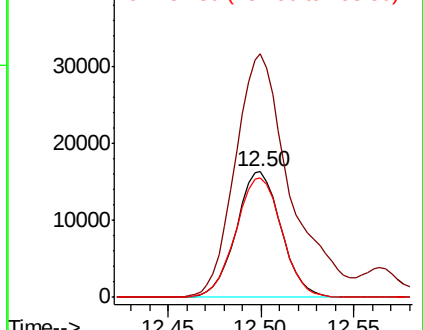
158 97.6 48.4 145.0



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: 19.134 ug/l

RT: 12.56 min Scan# 3413

Delta R.T. 0.00 min

Lab File: VN061249.D

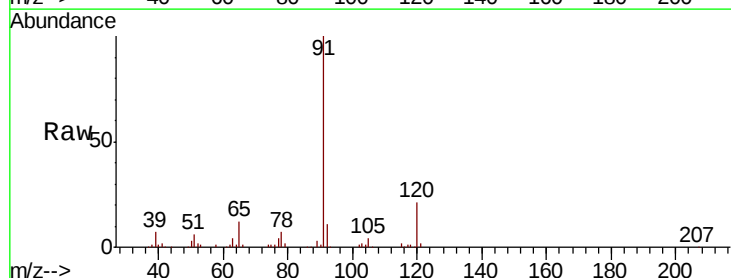
Acq: 2 May 2020 3:37

Tgt Ion: 91 Resp: 143871

Ion Ratio Lower Upper

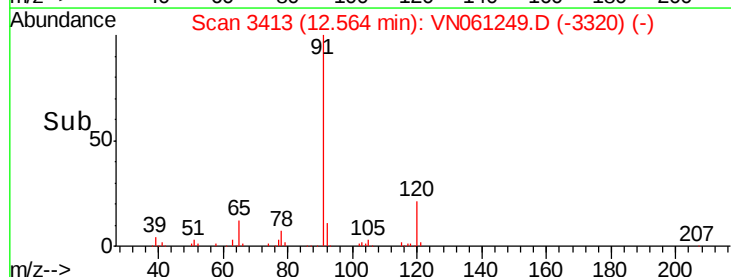
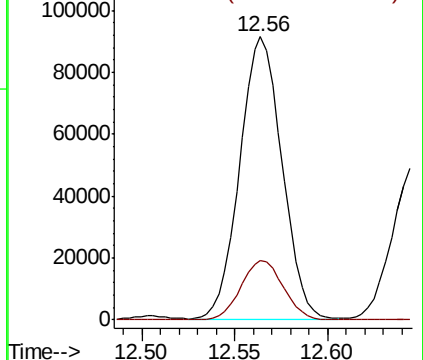
91 100

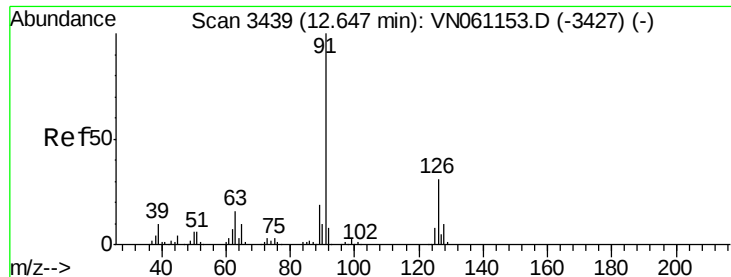
120 21.1 10.8 32.3



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 18.925 ug/l

RT: 12.65 min Scan# 3439

Delta R.T. 0.00 min

Lab File: VN061249.D

Acq: 2 May 2020 3:37

Instrument :

MSVOA_N

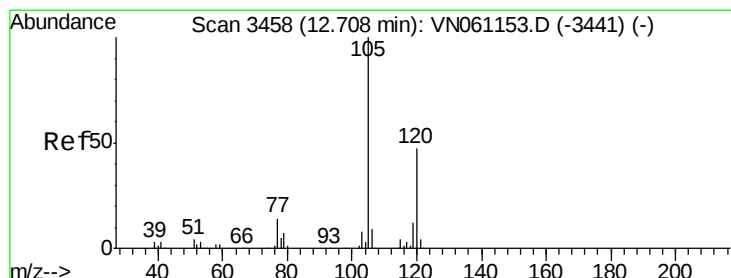
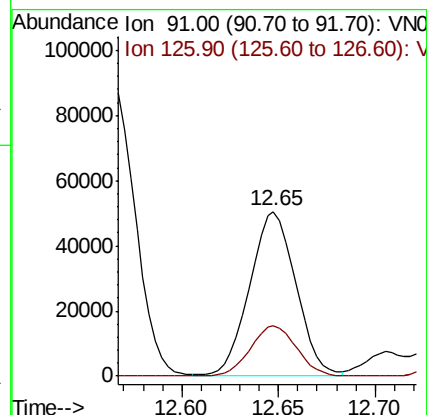
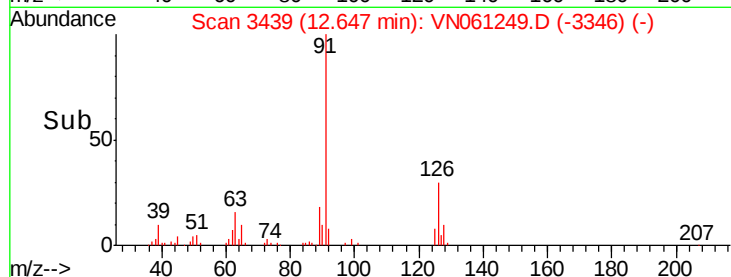
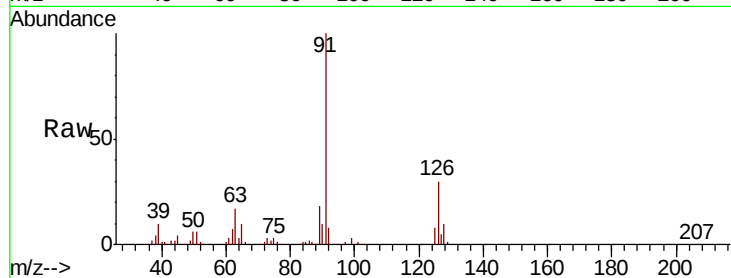
ClientSampled :

Tot Ion: 91 Resp: 83642

Ion Ratio Lower Upper

91 100

126 30.7 15.9 47.7



#80

1,3,5-Trimethylbenzene

Concen: 18.770 ug/l

RT: 12.71 min Scan# 3457

Delta R.T. -0.00 min

Lab File: VN061249.D

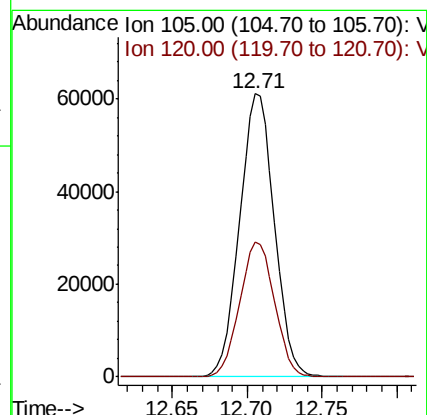
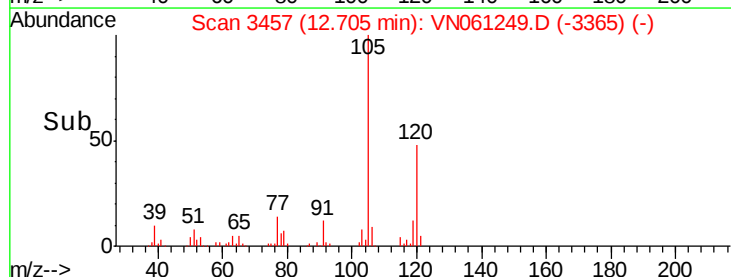
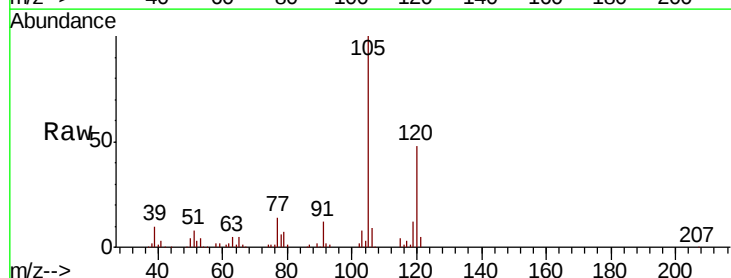
Acq: 2 May 2020 3:37

Tgt Ion: 105 Resp: 98483

Ion Ratio Lower Upper

105 100

120 47.8 23.9 71.7





#81

trans-1,4-Dichloro-2-butene

Concen: 17.163 ug/l

RT: 12.27 min Scan# 3323

Delta R.T. 0.00 min

Lab File: VN061249.D

Acq: 2 May 2020 3:37

Instrument :

MSVOA_N

ClientSampleId :

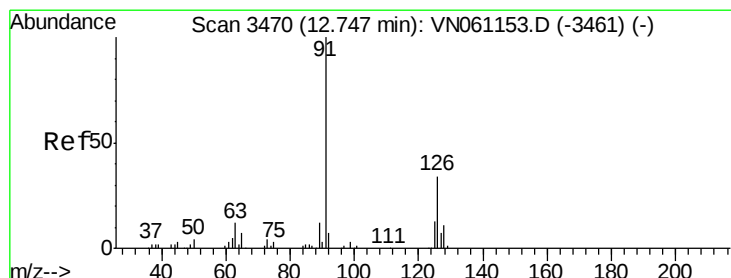
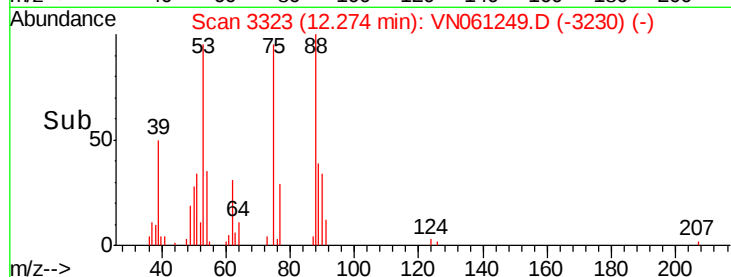
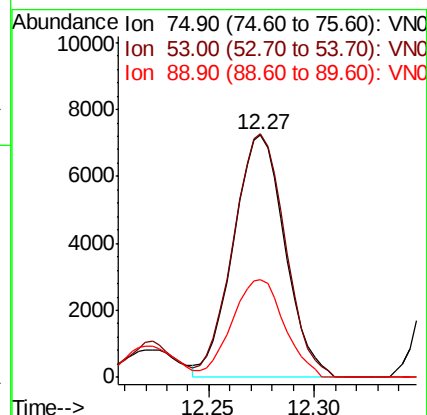
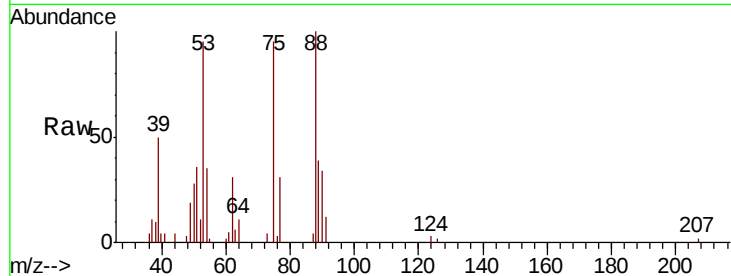
Tot Ion: 75 Resp: 12287

Ion Ratio Lower Upper

75 100

53 101.4 84.1 126.1

89 40.7 35.2 52.8



#82

4-Chlorotoluene

Concen: 19.112 ug/l

RT: 12.75 min Scan# 3470

Delta R.T. 0.00 min

Lab File: VN061249.D

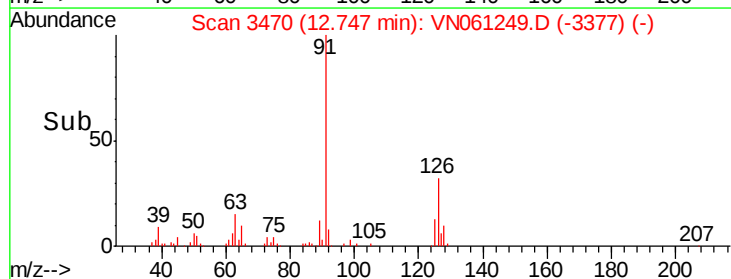
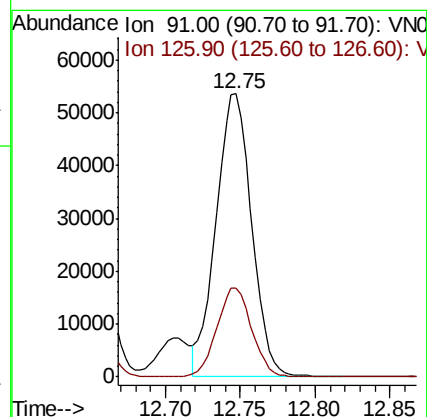
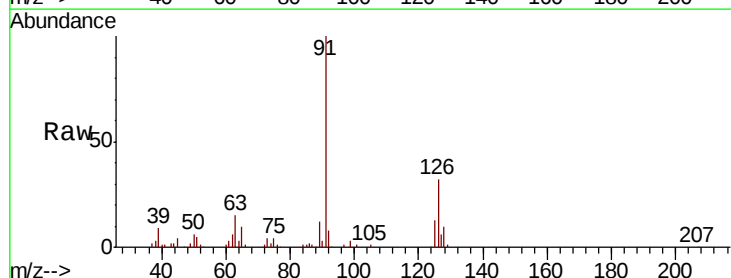
Acq: 2 May 2020 3:37

Tgt Ion: 91 Resp: 89025

Ion Ratio Lower Upper

91 100

126 30.6 15.7 47.1

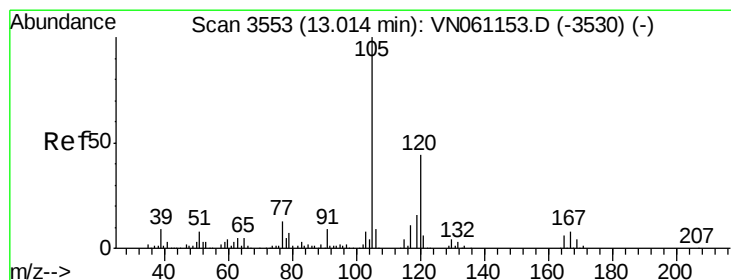
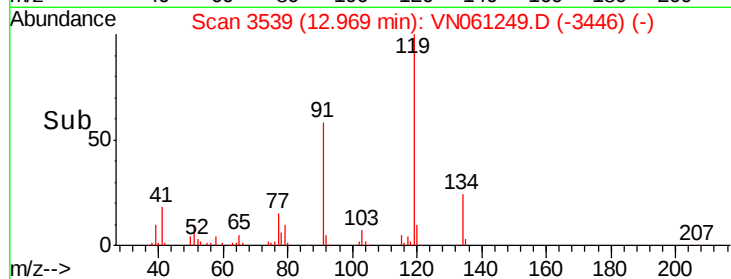
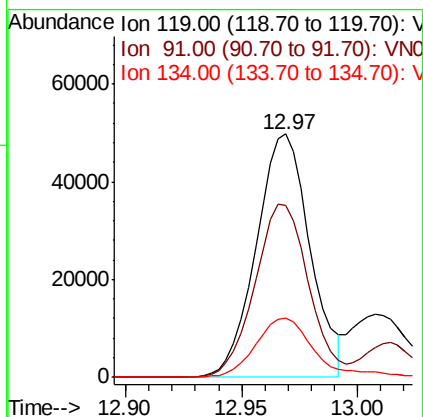
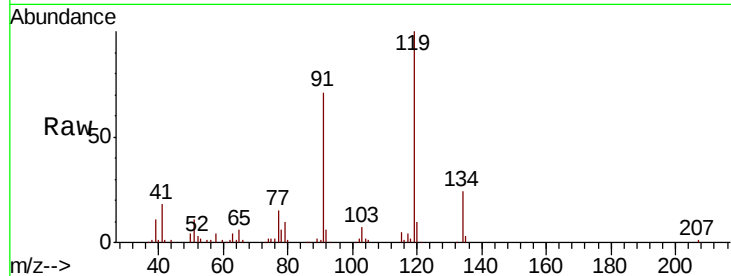




#83
 tert-Butylbenzene
 Concen: 18.159 ug/l
 RT: 12.97 min Scan# 3539
 Delta R.T. 0.00 min
 Lab File: VN061249.D
 Acq: 2 May 2020 3:37

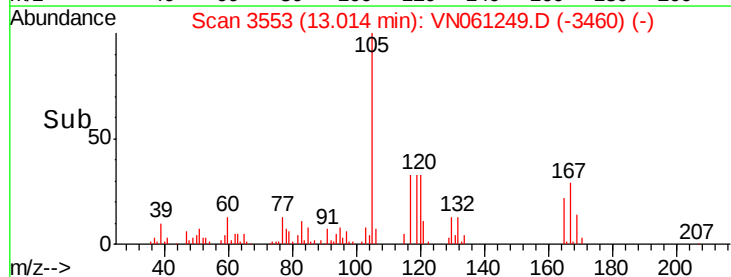
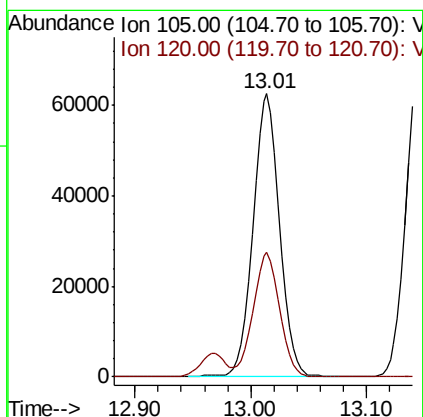
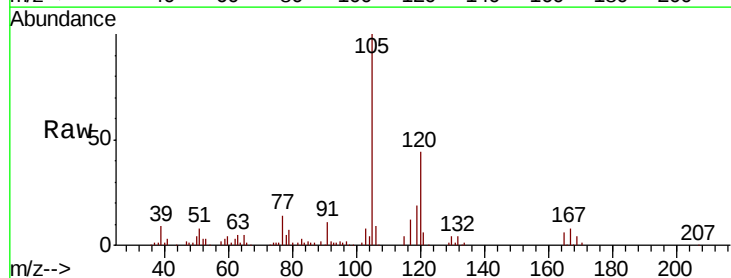
Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion:119 Resp: 80339
 Ion Ratio Lower Upper
 119 100
 91 70.8 34.8 104.4
 134 26.8 12.9 38.7



#84
 1,2,4-Trimethylbenzene
 Concen: 18.491 ug/l
 RT: 13.01 min Scan# 3553
 Delta R.T. 0.00 min
 Lab File: VN061249.D
 Acq: 2 May 2020 3:37

Tgt Ion:105 Resp: 99959
 Ion Ratio Lower Upper
 105 100
 120 43.9 22.2 66.6





#85

sec-Butylbenzene

Concen: 19.047 ug/l

RT: 13.15 min Scan# 3594

Delta R.T. 0.00 min

Lab File: VN061249.D

Acq: 2 May 2020 3:37

Instrument :

MSVOA_N

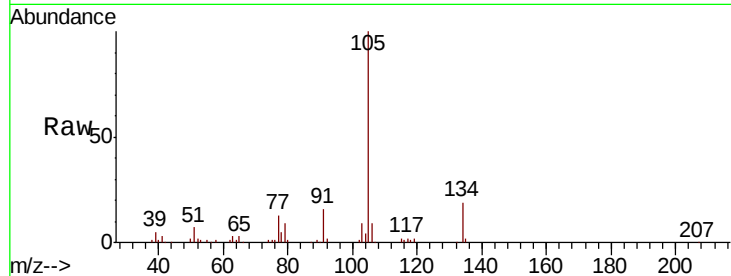
ClientSampleId :

Tot Ion:105 Resp: 114887

Ion Ratio Lower Upper

105 100

134 18.8 9.6 28.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.15

80000

60000

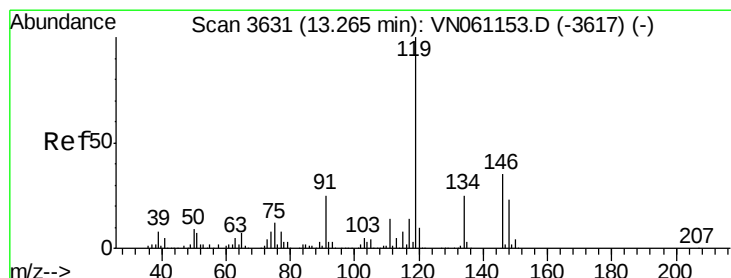
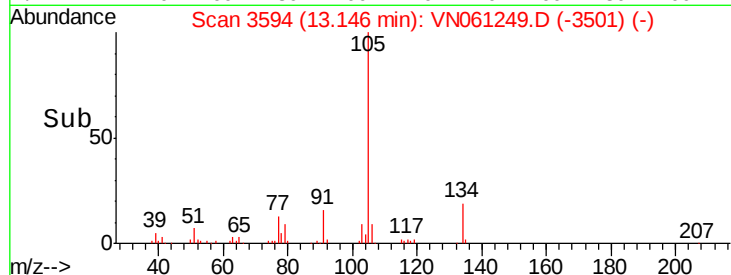
40000

20000

0

13.10 13.15 13.20

Time-->



#86

p-Isopropyltoluene

Concen: 18.718 ug/l

RT: 13.26 min Scan# 3630

Delta R.T. -0.00 min

Lab File: VN061249.D

Acq: 2 May 2020 3:37

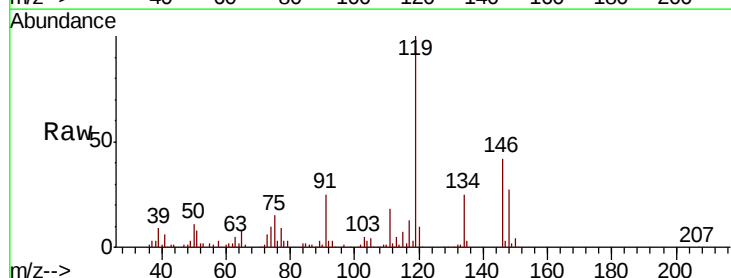
Tgt Ion:119 Resp: 101728

Ion Ratio Lower Upper

119 100

134 24.9 12.6 37.6

91 25.1 12.7 38.0



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

13.26

80000

60000

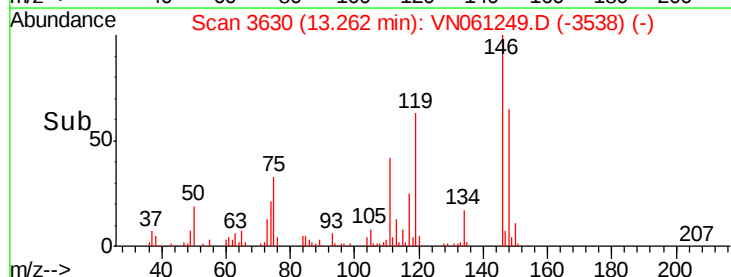
40000

20000

0

13.20 13.25 13.30

Time-->





#87

1,3-Dichlorobenzene

Concen: 18.487 ug/l

RT: 13.26 min Scan# 3628

Delta R.T. -0.00 min

Lab File: VN061249.D

Acq: 2 May 2020 3:37

Instrument :

MSVOA_N

ClientSampled :

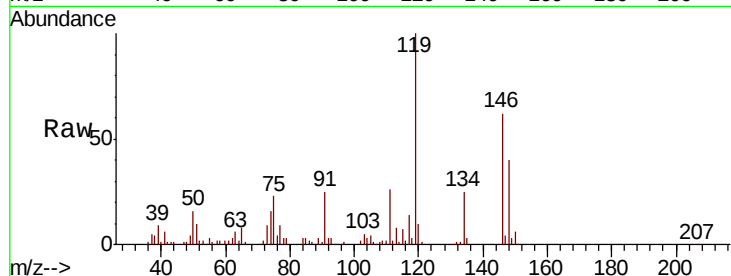
Tot Ion:146 Resp: 49804

Ion Ratio Lower Upper

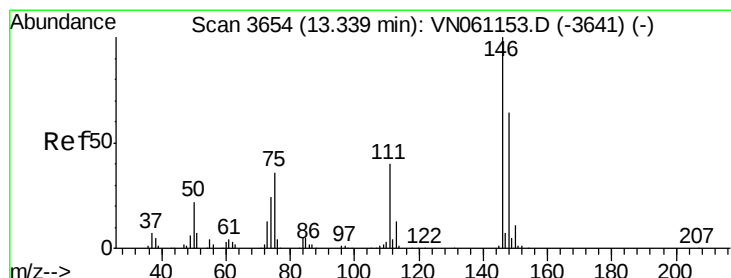
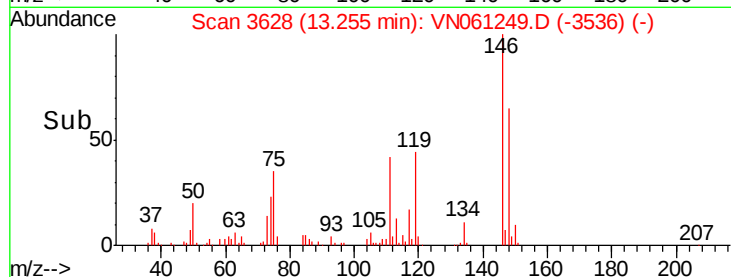
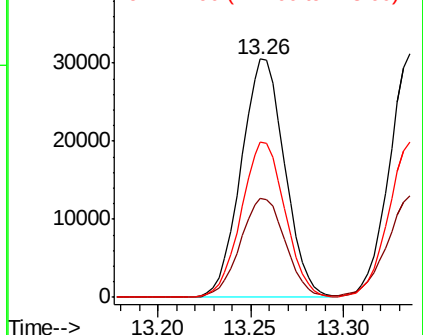
146 100

111 42.6 20.7 62.1

148 65.1 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



#88

1,4-Dichlorobenzene

Concen: 18.484 ug/l

RT: 13.34 min Scan# 3653

Delta R.T. -0.00 min

Lab File: VN061249.D

Acq: 2 May 2020 3:37

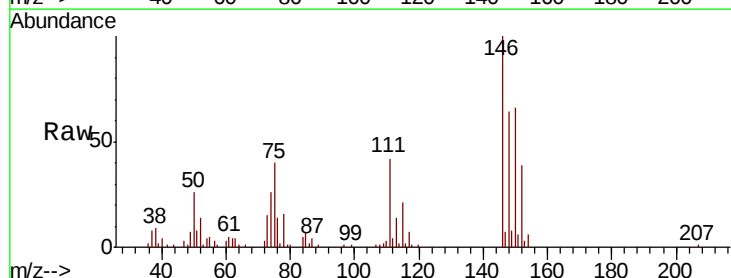
Tgt Ion:146 Resp: 50880

Ion Ratio Lower Upper

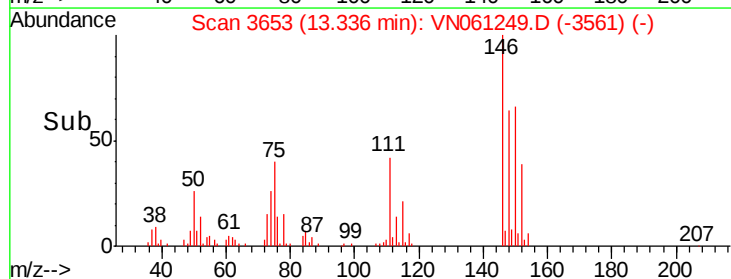
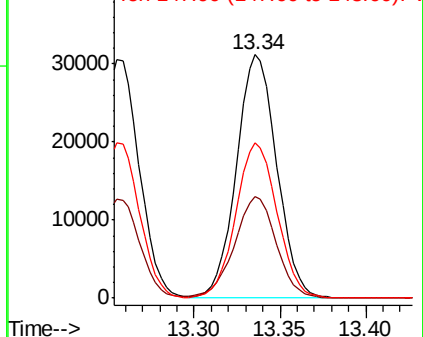
146 100

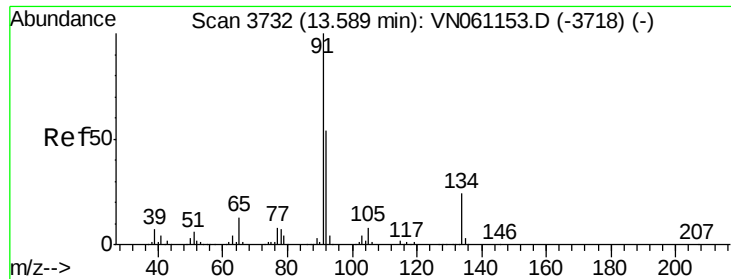
111 43.4 20.4 61.3

148 65.2 31.9 95.7



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

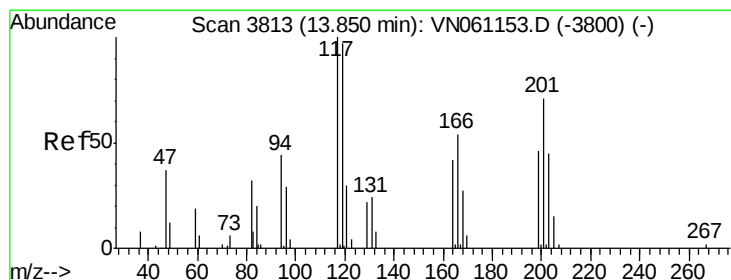
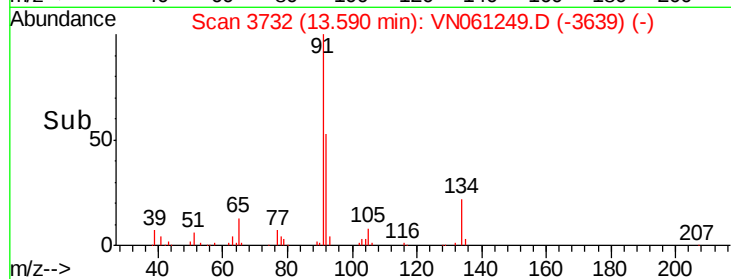
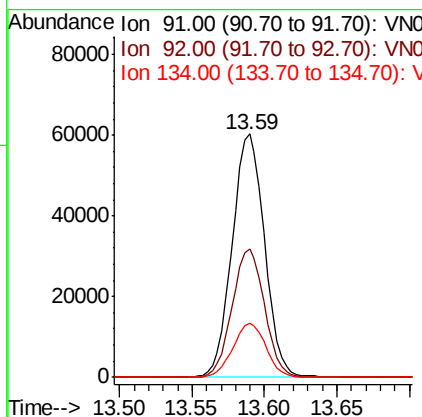
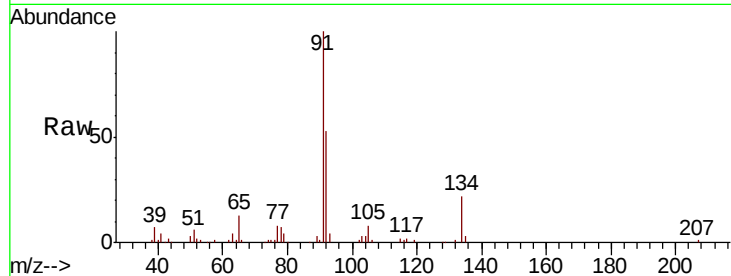




#89
n-Butylbenzene
Concen: 18.766 ug/l
RT: 13.59 min Scan# 3732
Delta R.T. 0.00 min
Lab File: VN061249.D
Acq: 2 May 2020 3:37

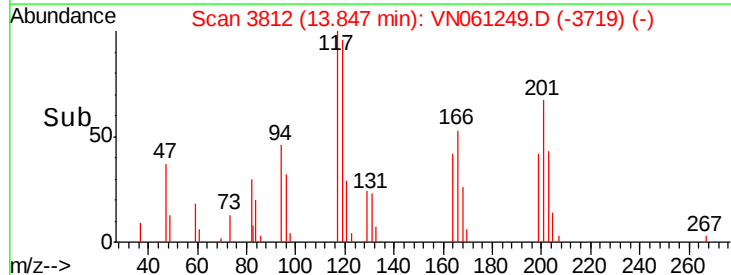
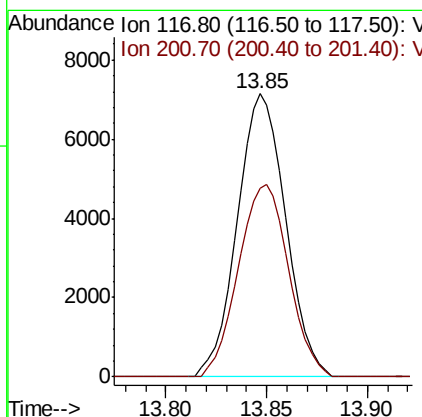
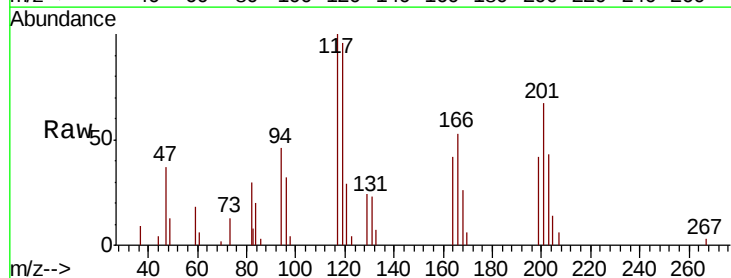
Instrument :
MSVOA_N
ClientSampleId :

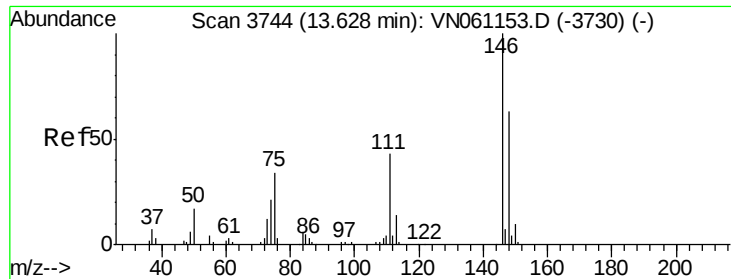
Tot Ion	91	Resp	93497
Ion	Ratio	Lower	Upper
91	100		
92	52.5	26.8	80.3
134	22.6	11.9	35.5



#90
Hexachloroethane
Concen: 25.559 ug/l
RT: 13.85 min Scan# 3812
Delta R.T. -0.00 min
Lab File: VN061249.D
Acq: 2 May 2020 3:37

Tgt Ion	117	Resp	11995
Ion	Ratio	Lower	Upper
117	100		
201	70.5	35.5	106.7

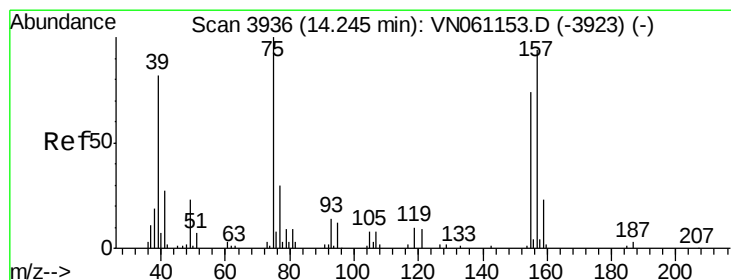
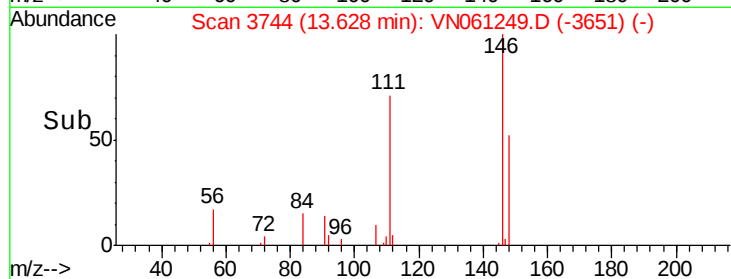
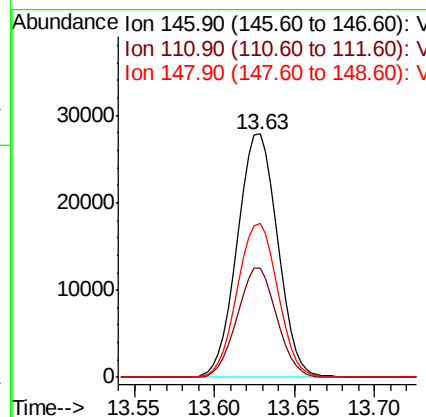
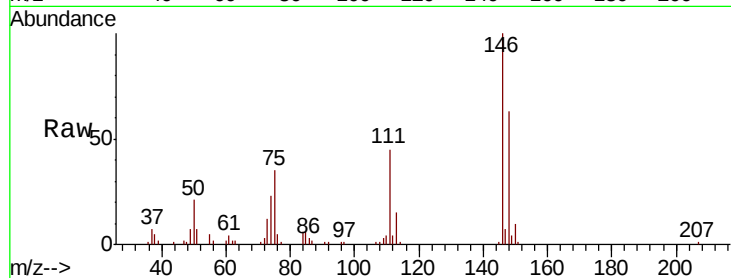




#91
 1,2-Dichlorobenzene
 Concen: 18.574 ug/l
 RT: 13.63 min Scan# 3744
 Delta R.T. 0.00 min
 Lab File: VN061249.D
 Acq: 2 May 2020 3:37

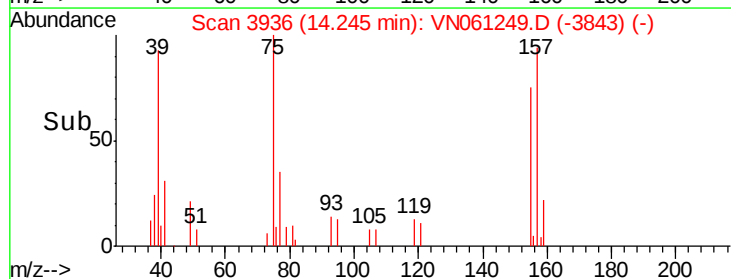
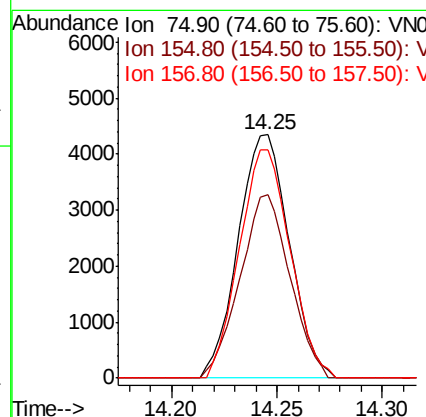
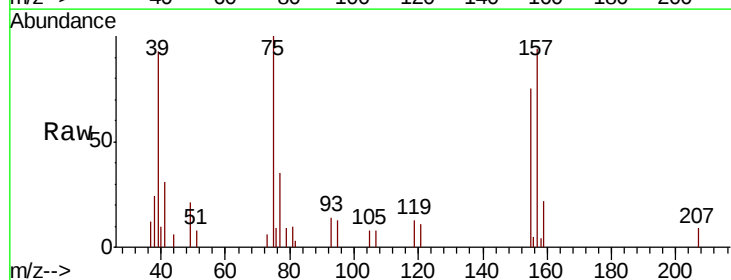
Instrument :
 MSVOA_N
 ClientSampleId :

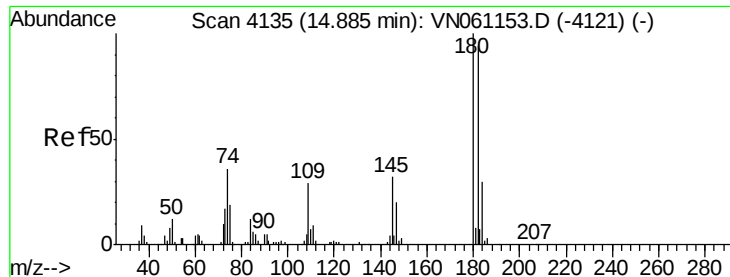
Tot Ion:146 Resp: 47979
 Ion Ratio Lower Upper
 146 100
 111 43.8 21.8 65.3
 148 63.6 31.6 95.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.565 ug/l
 RT: 14.25 min Scan# 3936
 Delta R.T. 0.00 min
 Lab File: VN061249.D
 Acq: 2 May 2020 3:37

Tgt Ion: 75 Resp: 7333
 Ion Ratio Lower Upper
 75 100
 155 73.6 36.5 109.7
 157 93.0 46.6 139.7

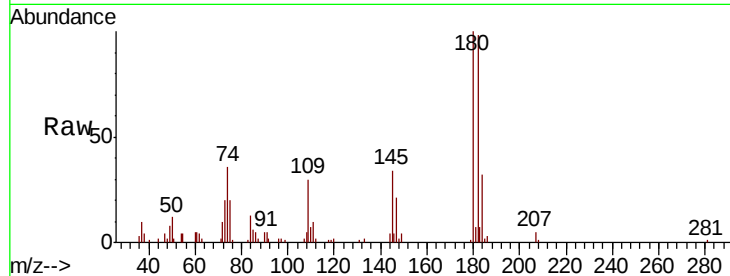




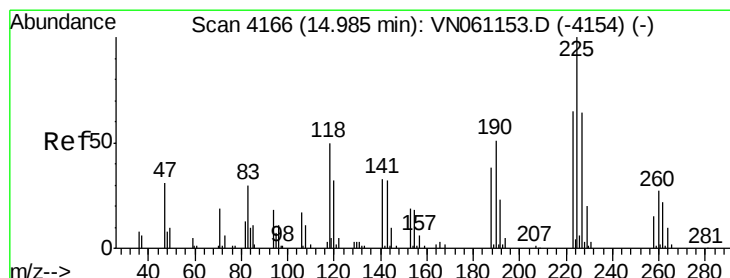
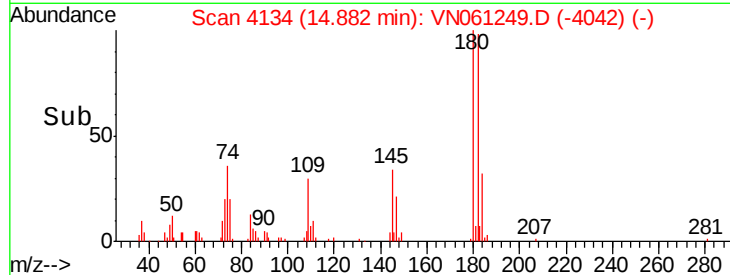
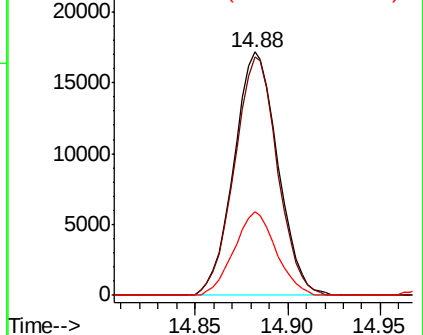
#93
 1,2,4-Trichlorobenzene
 Concen: 17.856 ug/l
 RT: 14.88 min Scan# 4134
 Delta R.T. -0.00 min
 Lab File: VN061249.D
 Acq: 2 May 2020 3:37

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:180 Resp: 28087
 Ion Ratio Lower Upper
 180 100
 182 96.1 47.3 141.9
 145 32.8 16.0 47.9

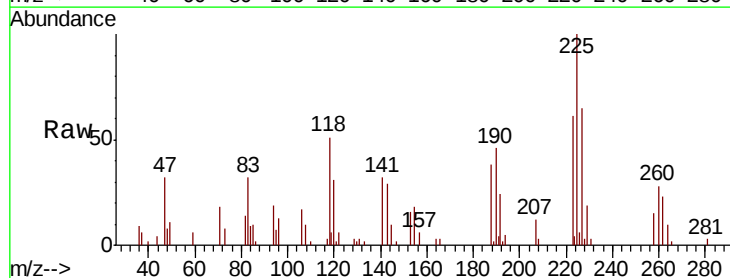


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

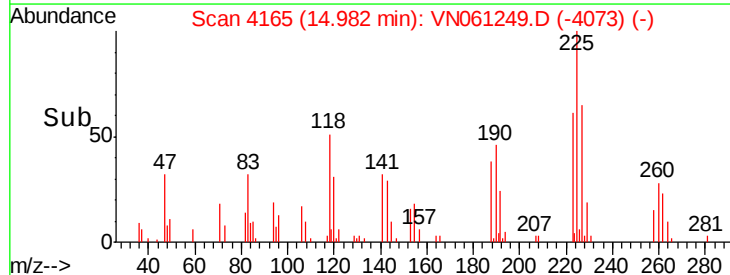
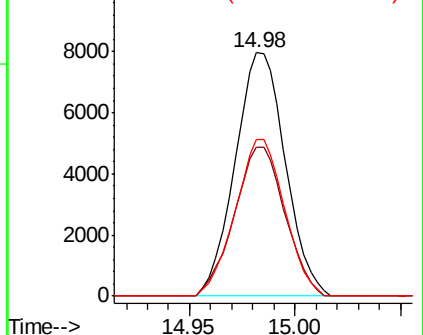


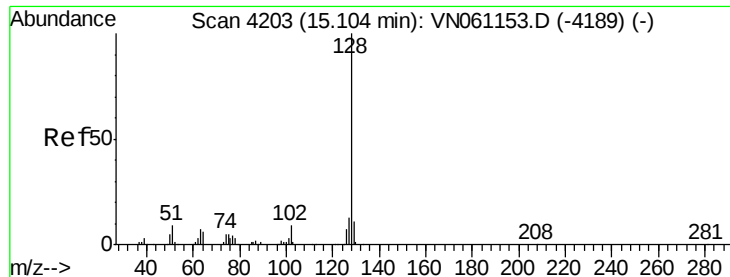
#94
 Hexachlorobutadiene
 Concen: 20.006 ug/l
 RT: 14.98 min Scan# 4165
 Delta R.T. -0.00 min
 Lab File: VN061249.D
 Acq: 2 May 2020 3:37

Tgt Ion:225 Resp: 13147
 Ion Ratio Lower Upper
 225 100
 223 61.8 32.4 97.0
 227 63.2 32.4 97.0



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: 17.025 ug/l

RT: 15.10 min Scan# 4203

Delta R.T. 0.00 min

Lab File: VN061249.D

Acq: 2 May 2020 3:37

Instrument :

MSVOA_N

ClientSampleId :

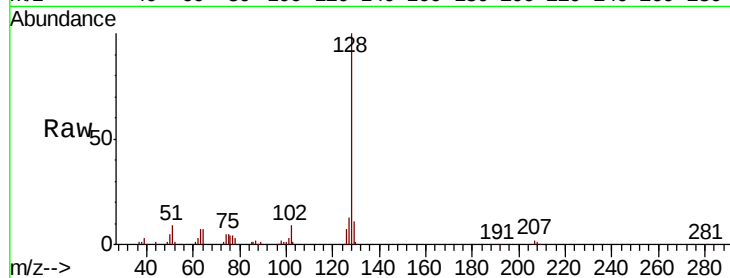
Tot Ion:128 Resp: 87214

Ion Ratio Lower Upper

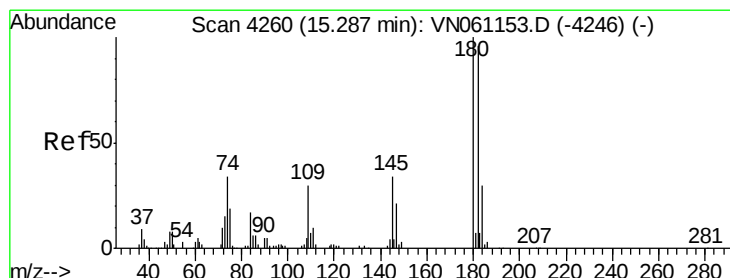
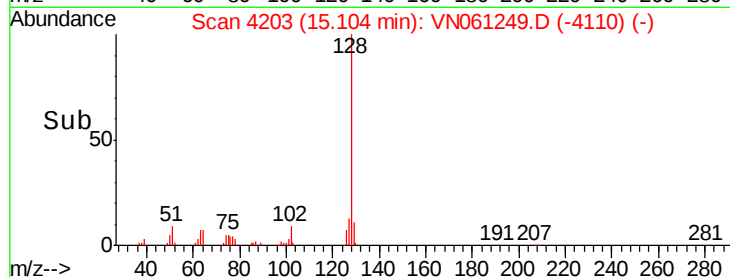
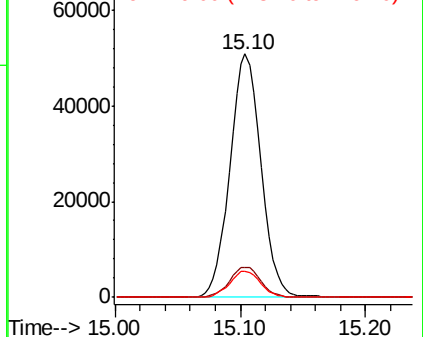
128 100

127 12.6 10.4 15.6

129 10.7 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 18.199 ug/l

RT: 15.28 min Scan# 4259

Delta R.T. -0.00 min

Lab File: VN061249.D

Acq: 2 May 2020 3:37

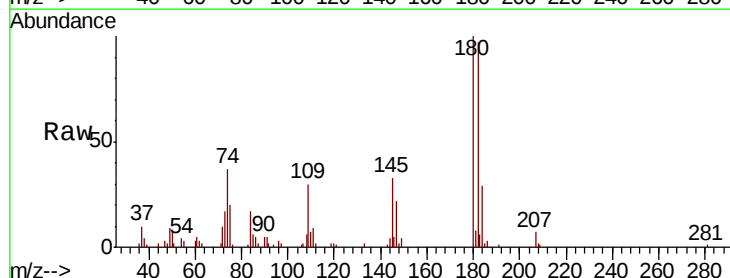
Tgt Ion:180 Resp: 28264

Ion Ratio Lower Upper

180 100

182 95.8 47.5 142.5

145 33.0 16.9 50.7



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

