

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061620\
 Data File : VN061837.D
 Acq On : 16 Jun 2020 20:13
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN061620

Quant Time: Jun 17 01:21:12 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061620W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 17 01:19:44 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	161310	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	281164	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	262090	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	129772	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	104731	48.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.82%	
35) Dibromofluoromethane	7.55	113	89221	49.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.20%	
50) Toluene-d8	10.06	98	344076	48.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.32%	
62) 4-Bromofluorobenzene	12.37	95	119345	49.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.40%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	109957	52.374	ug/l	99
3) Chloromethane	2.03	50	117777	52.601	ug/l	99
4) Vinyl Chloride	2.16	62	142045	53.215	ug/l	100
5) Bromomethane	2.53	94	99671	48.625	ug/l	98
6) Chloroethane	2.67	64	91677	50.748	ug/l	98
7) Trichlorofluoromethane	2.98	101	153089	48.015	ug/l	97
8) Diethyl Ether	3.37	74	57464	53.610	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.72	101	84427	51.614	ug/l	98
10) Methyl Iodide	3.91	142	98629	49.965	ug/l	99
11) Tert butyl alcohol	4.73	59	74796	249.844	ug/l	98
12) 1,1-Dichloroethene	3.70	96	87148	53.172	ug/l	96
13) Acrolein	3.56	56	42681	238.539	ug/l	100
14) Allyl chloride	4.28	41	106543	48.979	ug/l	93
15) Acrylonitrile	4.93	53	199000	268.269	ug/l	100
16) Acetone	3.77	43	147802	231.291	ug/l	97
17) Carbon Disulfide	4.01	76	252579	52.668	ug/l	99
18) Methyl Acetate	4.28	43	93465	50.802	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	284654	52.162	ug/l	98
20) Methylene Chloride	4.50	84	98903	47.505	ug/l	98
21) trans-1,2-Dichloroethene	4.99	96	96726	51.380	ug/l	98
22) Diisopropyl ether	5.90	45	255966	51.451	ug/l	97
23) Vinyl Acetate	5.84	43	1045887	267.295	ug/l	99
24) 1,1-Dichloroethane	5.80	63	165367	50.777	ug/l	99
25) 2-Butanone	6.78	43	241271	258.778	ug/l	98
26) 2,2-Dichloropropane	6.78	77	134935	49.247	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	110126	50.698	ug/l	99
28) Bromochloromethane	7.15	49	71777	49.500	ug/l	99
29) Tetrahydrofuran	7.16	42	159771	260.390	ug/l	99
30) Chloroform	7.33	83	172260	49.492	ug/l	99
31) Cyclohexane	7.61	56	143345	50.280	ug/l	98
32) 1,1,1-Trichloroethane	7.53	97	148349	50.047	ug/l	100
36) 1,1-Dichloropropene	7.75	75	129614	50.541	ug/l	98
37) Ethyl Acetate	6.88	43	104249	52.056	ug/l	98
38) Carbon Tetrachloride	7.73	117	127647	50.263	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	148634	53.825	ug/l	99
40) Benzene	8.00	78	395362	50.893	ug/l	98
41) Methacrylonitrile	7.16	41	147137	171.817	ug/l #	100
42) 1,2-Dichloroethane	8.09	62	132780	50.127	ug/l	100
43) Isopropyl Acetate	8.13	43	178746	52.963	ug/l #	92
44) Trichloroethene	8.80	130	104969	51.343	ug/l	98
45) 1,2-Dichloropropane	9.09	63	97876	51.267	ug/l	100
46) Dibromomethane	9.18	93	67981	50.567	ug/l	100
47) Bromodichloromethane	9.37	83	139704	50.749	ug/l	99
48) Methyl methacrylate	9.17	41	80643	52.543	ug/l	98
49) 1,4-Dioxane	9.17	88	35635	1011.292	ug/l	100
51) 4-Methyl-2-Pentanone	9.95	43	530294	265.896	ug/l	99
52) Toluene	10.12	92	257063	52.689	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	154866	52.993	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	165180	52.039	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	98824	51.482	ug/l	98
56) Ethyl methacrylate	10.40	69	142065	48.541	ug/l	98
57) 1,3-Dichloropropane	10.68	76	167713	51.571	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	268117	264.652	ug/l	99
59) 2-Hexanone	10.72	43	384207	241.611	ug/l	100
60) Dibromochloromethane	10.87	129	109383	51.067	ug/l	98
61) 1,2-Dibromoethane	10.98	107	103606	51.688	ug/l	100
64) Tetrachloroethene	10.60	164	86968	52.062	ug/l	98
65) Chlorobenzene	11.41	112	274835	49.696	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.48	131	98602	51.122	ug/l	99
67) Ethyl Benzene	11.48	91	488425	52.675	ug/l	100
68) m/p-Xylenes	11.60	106	381646	106.742	ug/l	99
69) o-Xylene	11.92	106	183258	53.718	ug/l	100
70) Styrene	11.94	104	308498	54.007	ug/l	100
71) Bromoform	12.10	173	75737	53.853	ug/l #	99
73) Isopropylbenzene	12.22	105	478840	51.925	ug/l	100
74) N-amyl acetate	12.05	43	163245	48.950	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	145426	48.504	ug/l	98
76) 1,2,3-Trichloropropane	12.53	75	180139	70.705	ug/l #	100
77) Bromobenzene	12.50	156	115069	49.460	ug/l	99
78) n-propylbenzene	12.57	91	544223	51.720	ug/l	100
79) 2-Chlorotoluene	12.65	91	319833	50.609	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	396909	52.024	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	47847	51.221	ug/l	99
82) 4-Chlorotoluene	12.75	91	333474	51.067	ug/l	100
83) tert-Butylbenzene	12.97	119	335279	51.837	ug/l	100
84) 1,2,4-Trimethylbenzene	13.01	105	401904	53.365	ug/l	98
85) sec-Butylbenzene	13.15	105	443561	52.394	ug/l	99
86) p-Isopropyltoluene	13.27	119	404507	53.622	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	212367	50.048	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	211950	48.798	ug/l	99
89) n-Butylbenzene	13.59	91	332502	52.777	ug/l	100
90) Hexachloroethane	13.85	117	69596	50.399	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	206025	50.434	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.25	75	25279	51.935	ug/l	98

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Quant Title : SW846 8260
QLast Update : Wed Jun 17 01:19:44 2020
Response via : Initial Calibration

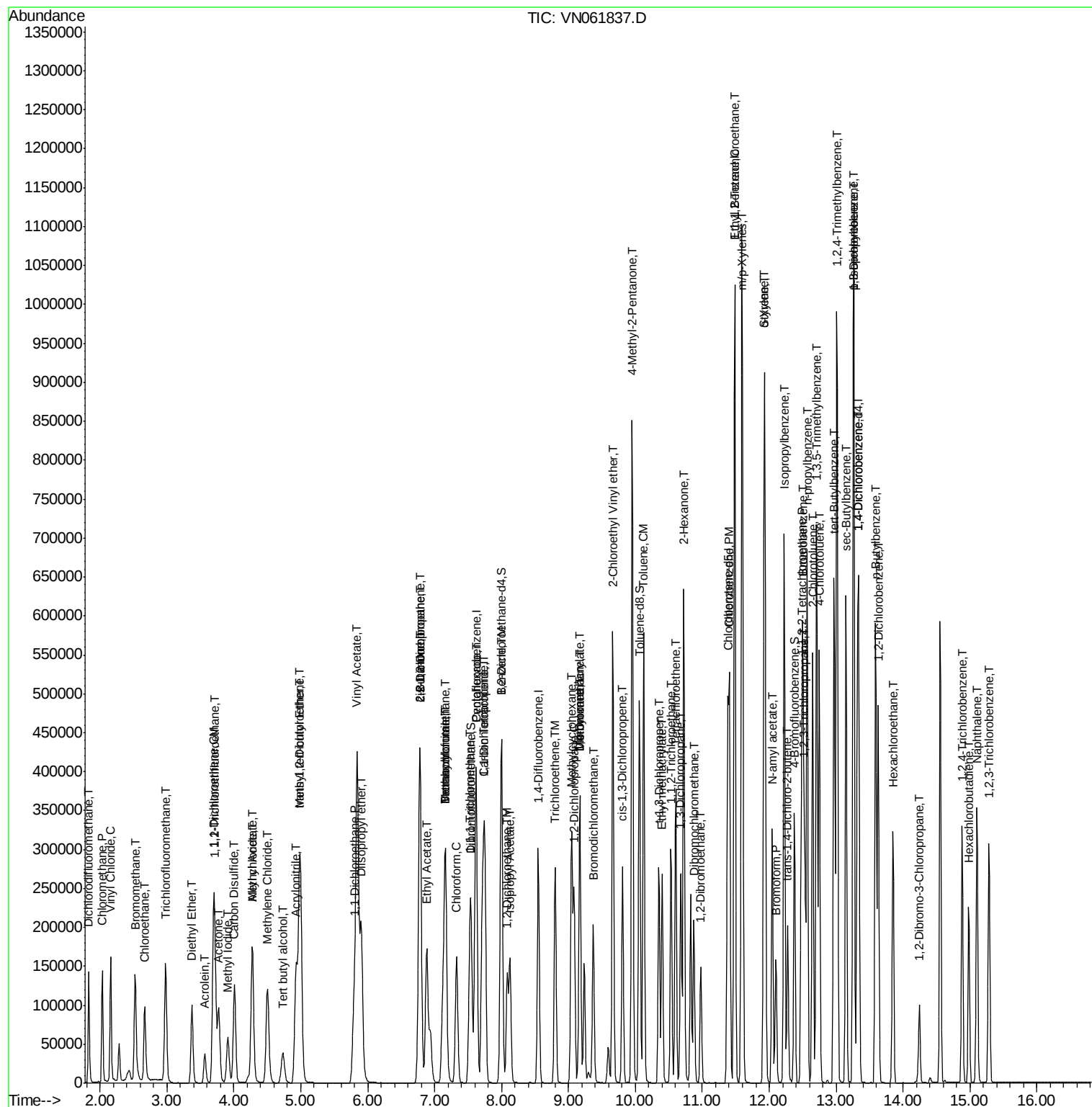
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	102691	53.273	ug/l	99
94) Hexachlorobutadiene	14.98	225	39188	51.617	ug/l	98
95) Naphthalene	15.10	128	305044	47.447	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	103194	54.055	ug/l	98

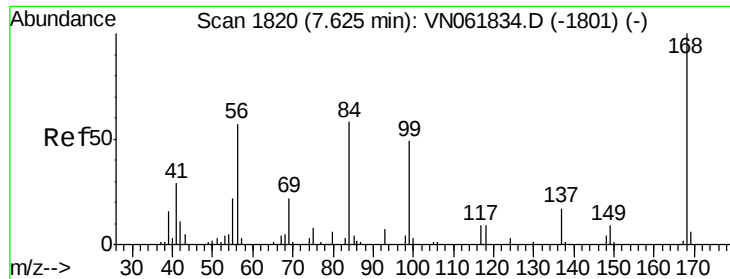
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. 0.00 min

Lab File: VN061837.D

Acq: 16 Jun 2020 20:13

Instrument :

MSVOA_N

ClientSampleId :

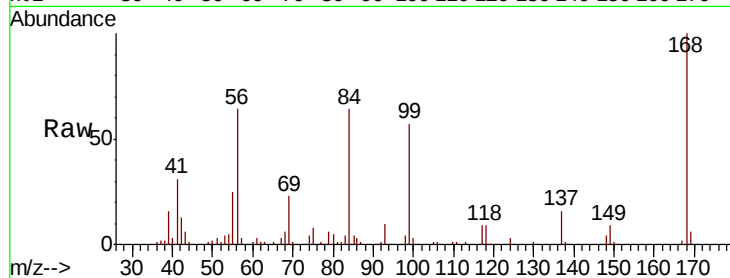
ICVVN061620

Tot Ion:168 Resp: 161310

Ion Ratio Lower Upper

168 100

99 56.8 44.6 67.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): V

7.63

60000

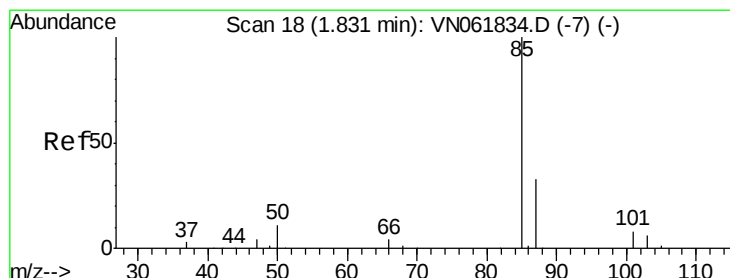
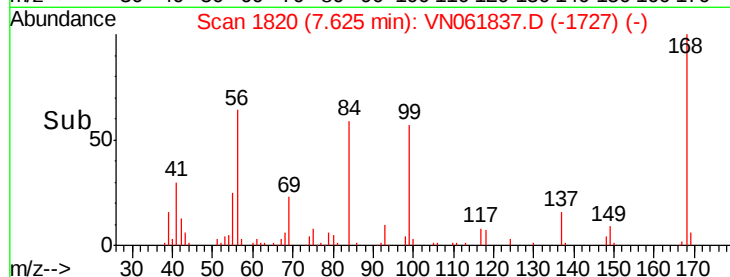
40000

20000

0

7.50 7.60 7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 52.374 ug/l

RT: 1.83 min Scan# 18

Delta R.T. 0.00 min

Lab File: VN061837.D

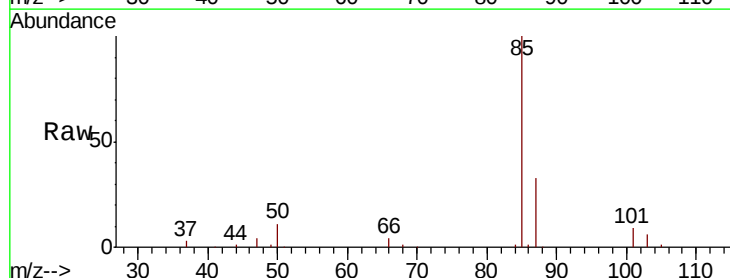
Acq: 16 Jun 2020 20:13

Tgt Ion: 85 Resp: 109957

Ion Ratio Lower Upper

85 100

87 32.9 16.6 49.8



Abundance Ion 84.90 (84.60 to 85.60): V

Ion 86.90 (86.60 to 87.60): V

1.83

80000

60000

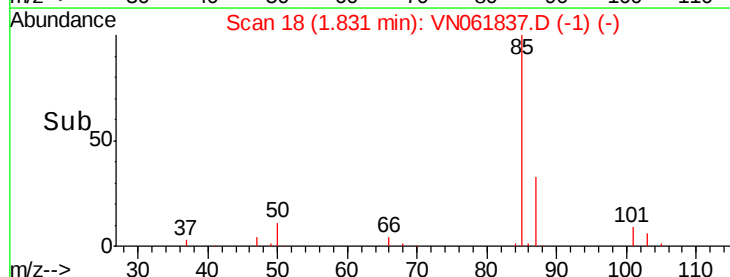
40000

20000

0

1.75 1.80 1.85 1.90 1.95

Time-->





#3

Chloromethane

Concen: 52.601 ug/l

RT: 2.03 min Scan# 81

Delta R.T. 0.00 min

Lab File: VN061837.D

Acq: 16 Jun 2020 20:13

Instrument :

MSVOA_N

ClientSampleId :

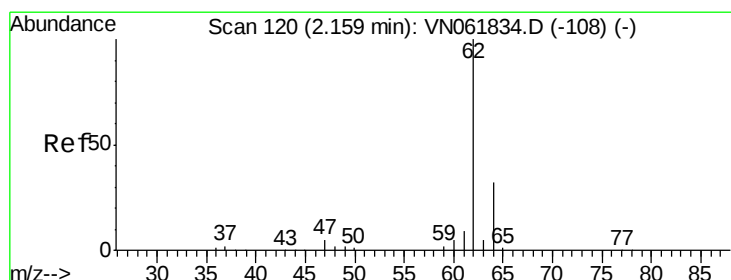
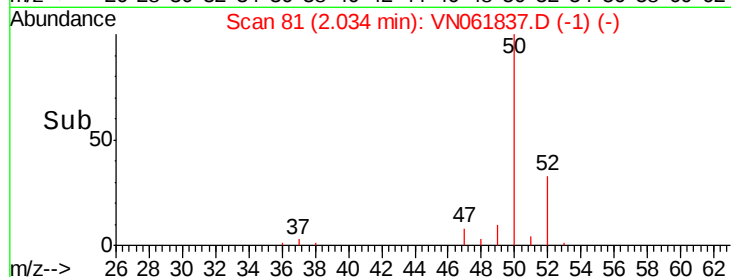
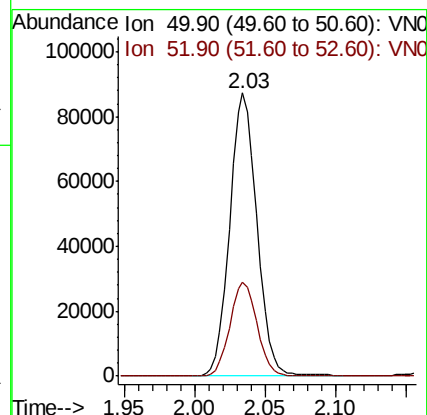
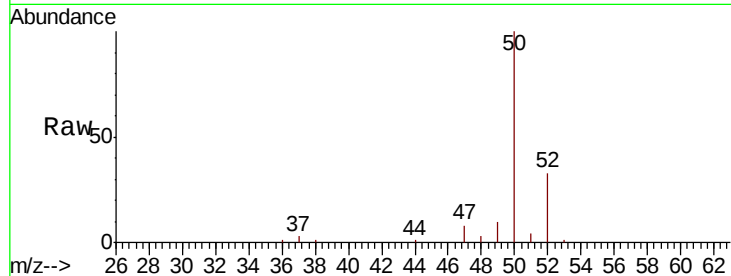
ICV061620

Tot Ion: 50 Resp: 117777

Ion Ratio Lower Upper

50 100

52 33.1 26.0 39.0



#4

Vinyl Chloride

Concen: 53.215 ug/l

RT: 2.16 min Scan# 120

Delta R.T. 0.00 min

Lab File: VN061837.D

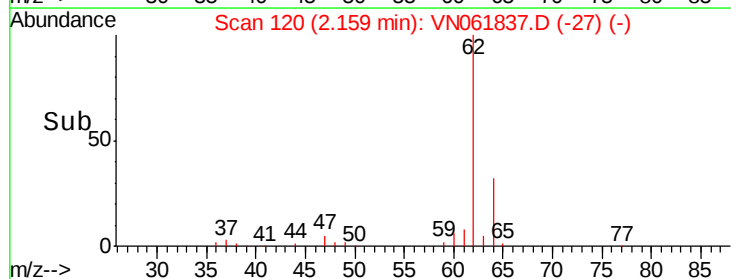
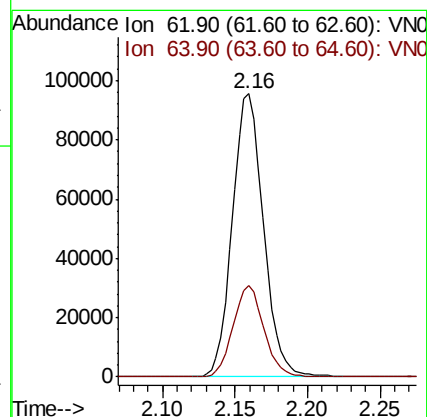
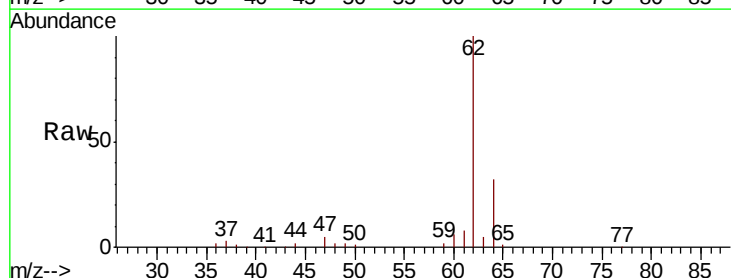
Acq: 16 Jun 2020 20:13

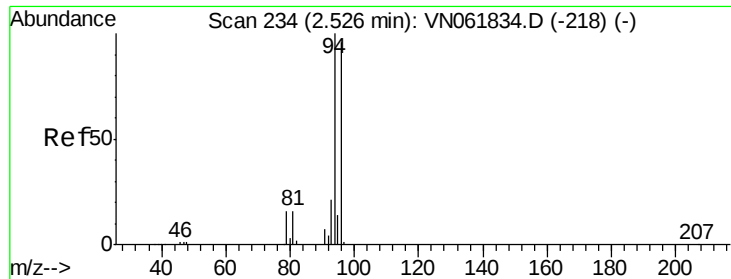
Tgt Ion: 62 Resp: 142045

Ion Ratio Lower Upper

62 100

64 32.1 25.5 38.3





#5

Bromomethane

Concen: 48.625 ug/l

RT: 2.53 min Scan# 234

Delta R.T. 0.00 min

Lab File: VN061837.D

Acq: 16 Jun 2020 20:13

Instrument :

MSVOA_N

ClientSampled :

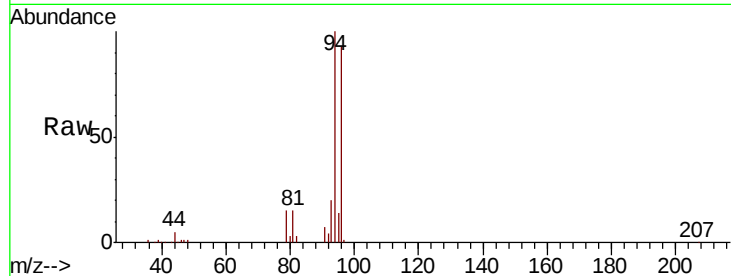
ICV061620

Tot Ion: 94 Resp: 99671

Ion Ratio Lower Upper

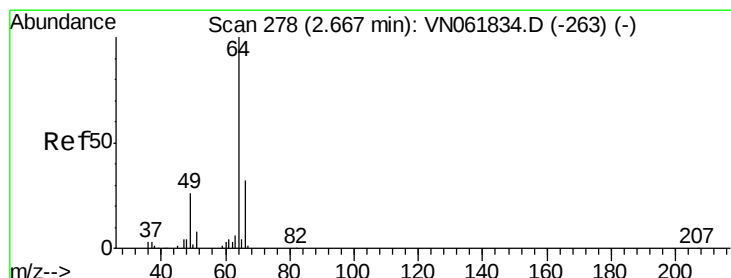
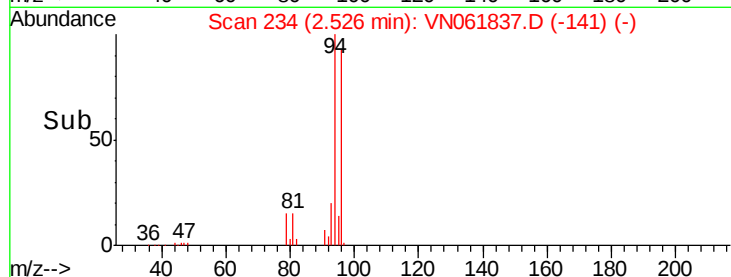
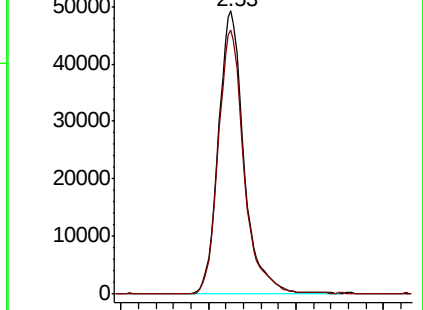
94 100

96 93.5 76.7 115.1



Abundance Ion 93.90 (93.60 to 94.60): VN061837.D (-218) (-)

Ion 95.90 (95.60 to 96.60): VN061837.D (-218) (-)



#6

Chloroethane

Concen: 50.748 ug/l

RT: 2.67 min Scan# 278

Delta R.T. 0.00 min

Lab File: VN061837.D

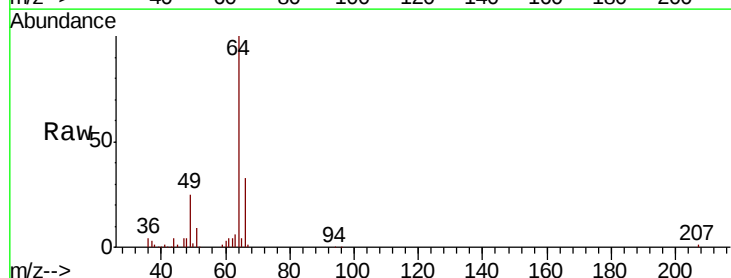
Acq: 16 Jun 2020 20:13

Tgt Ion: 64 Resp: 91677

Ion Ratio Lower Upper

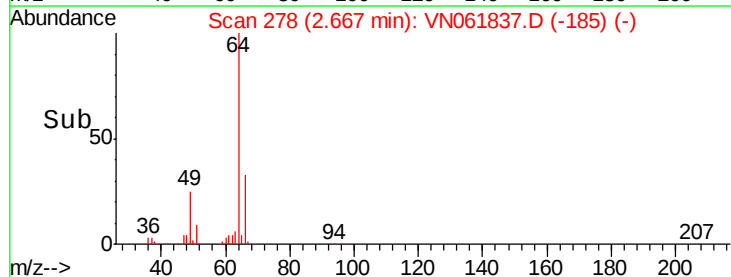
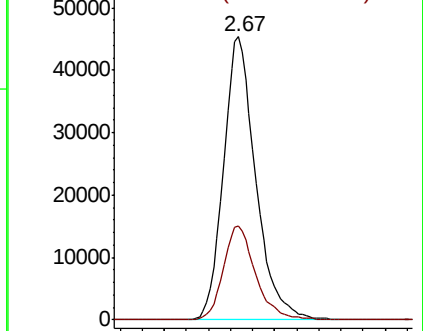
64 100

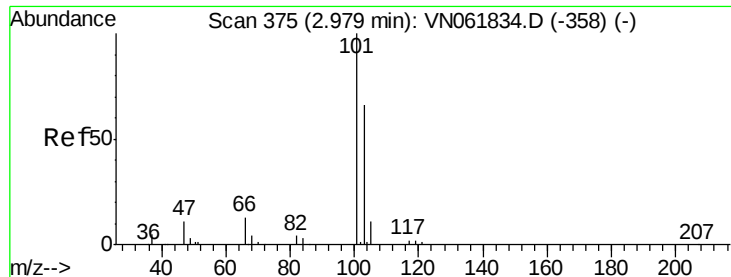
66 33.2 25.4 38.2



Abundance Ion 63.90 (63.60 to 64.60): VN061837.D (-263) (-)

Ion 65.90 (65.60 to 66.60): VN061837.D (-263) (-)



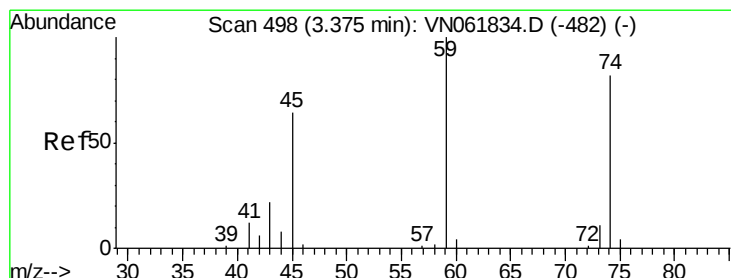
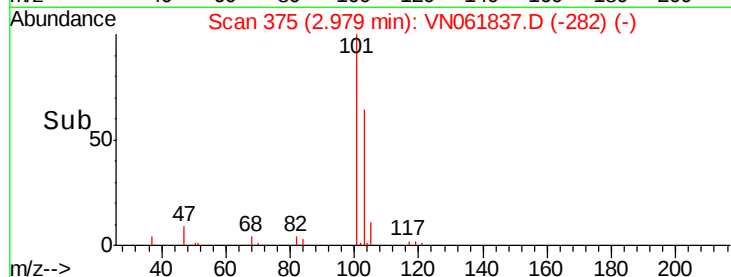
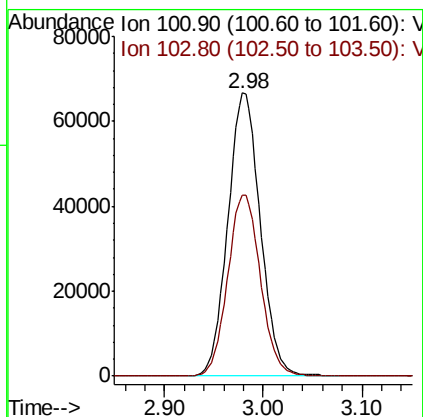
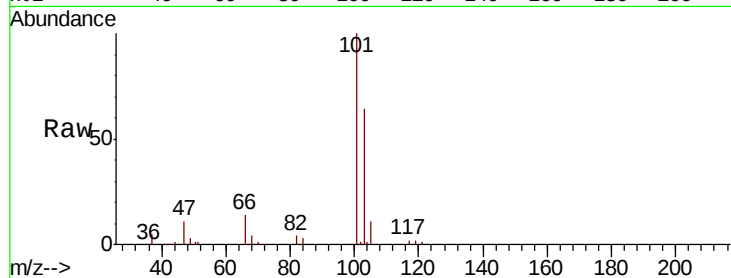


#7

Trichlorofluoromethane
 Concen: 48.015 ug/l
 RT: 2.98 min Scan# 375
 Delta R.T. 0.00 min
 Lab File: VN061837.D
 Acq: 16 Jun 2020 20:13

Instrument :
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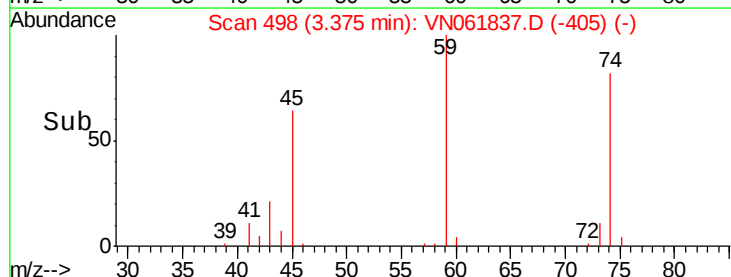
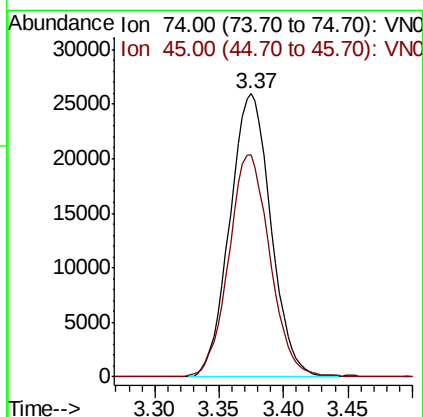
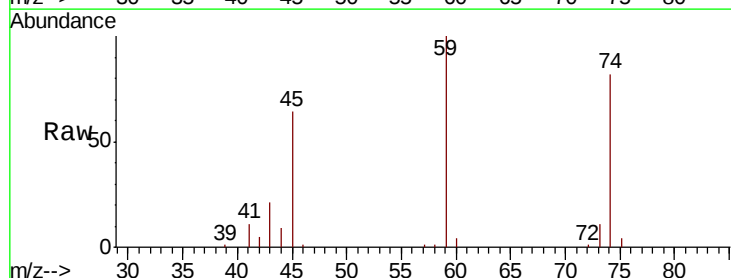
Tot Ion:101 Resp: 153089
 Ion Ratio Lower Upper
 101 100
 103 63.9 52.8 79.2

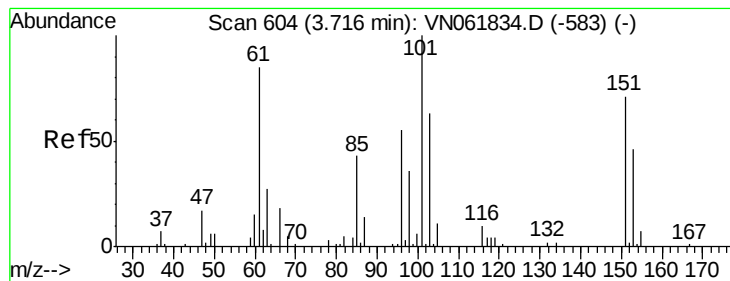


#8

Diethyl Ether
 Concen: 53.610 ug/l
 RT: 3.37 min Scan# 498
 Delta R.T. 0.00 min
 Lab File: VN061837.D
 Acq: 16 Jun 2020 20:13

Tgt Ion: 74 Resp: 57464
 Ion Ratio Lower Upper
 74 100
 45 78.8 39.1 117.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.614 ug/l

RT: 3.72 min Scan# 605

Delta R.T. 0.00 min

Lab File: VN061837.D

Acq: 16 Jun 2020 20:13

Instrument :

MSVOA_N

ClientSampleId :

ICVVN061620

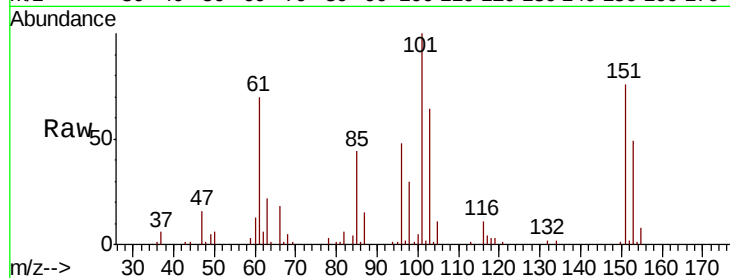
Tot Ion:101 Resp: 84427

Ion Ratio Lower Upper

101 100

85 44.1 35.0 52.6

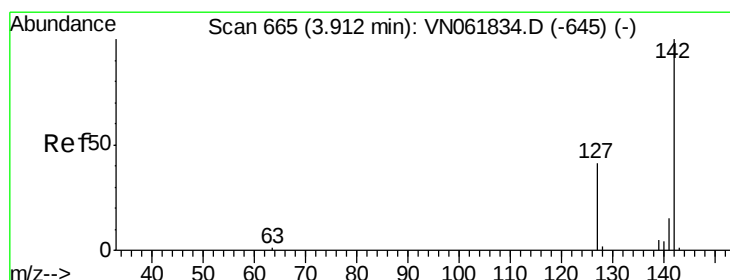
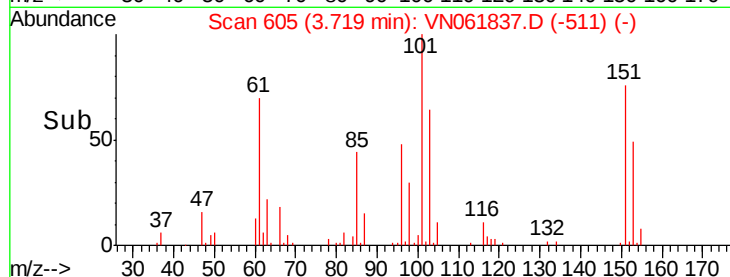
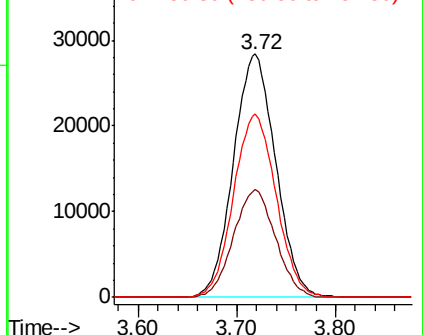
151 75.8 59.2 88.8



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: 49.965 ug/l

RT: 3.91 min Scan# 664

Delta R.T. -0.00 min

Lab File: VN061837.D

Acq: 16 Jun 2020 20:13

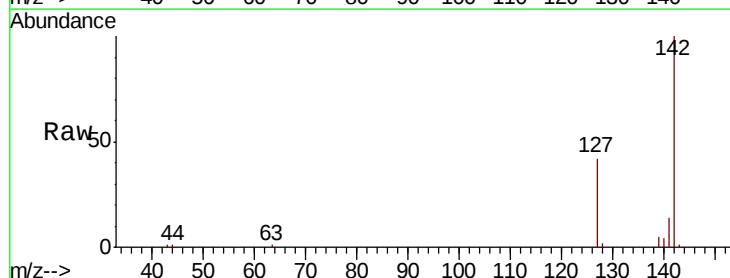
Tgt Ion:142 Resp: 98629

Ion Ratio Lower Upper

142 100

127 42.3 33.4 50.0

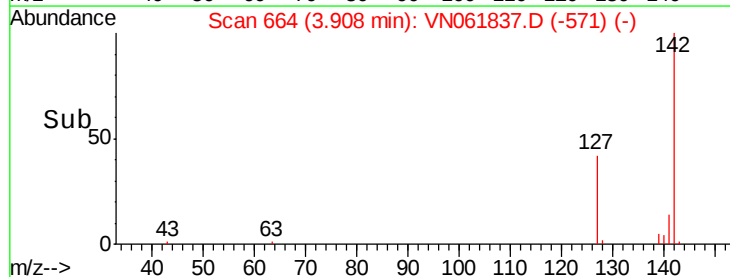
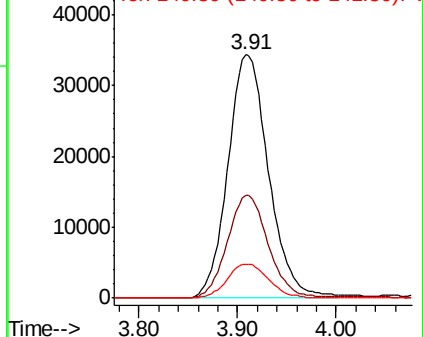
141 14.2 11.3 16.9

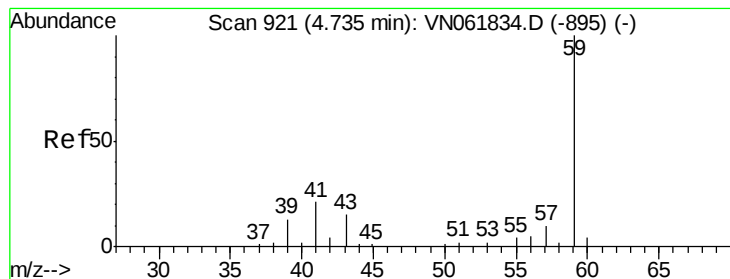


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



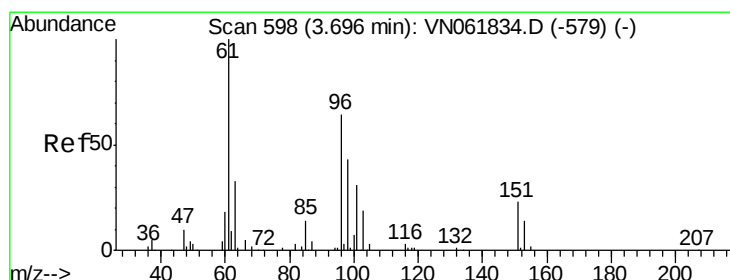
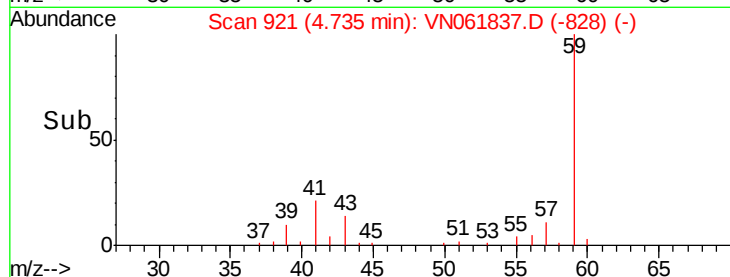
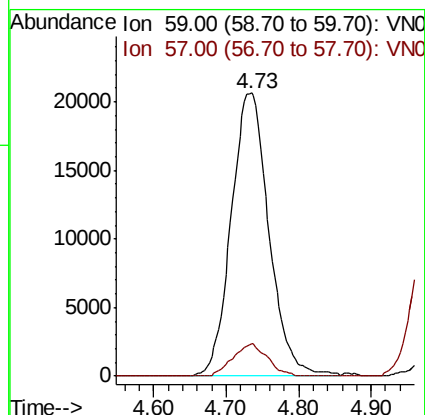
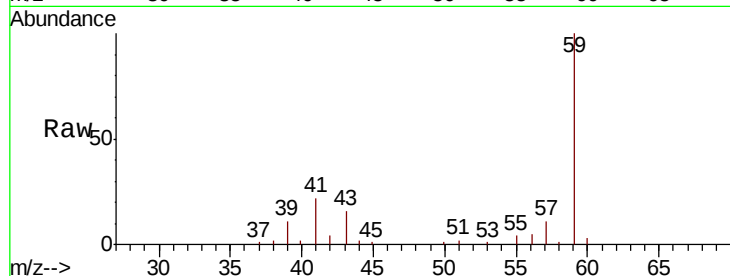


#11

Tert butyl alcohol
 Concen: 249.844 ug/l
 RT: 4.73 min Scan# 921
 Delta R.T. 0.00 min
 Lab File: VN061837.D
 Acq: 16 Jun 2020 20:13

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN061620

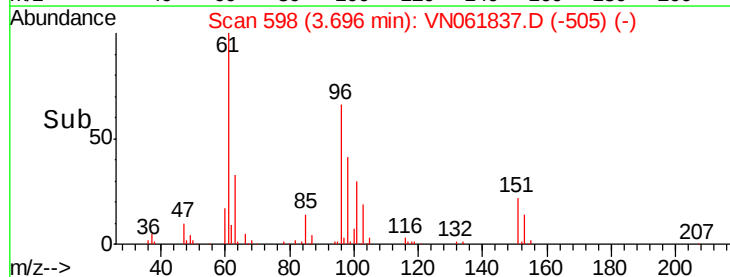
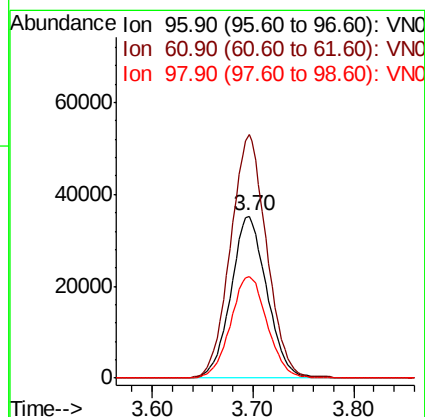
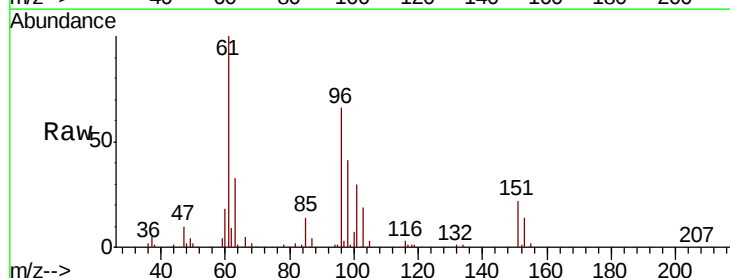
Tot Ion: 59 Resp: 74796
 Ion Ratio Lower Upper
 59 100
 57 10.5 7.7 11.5

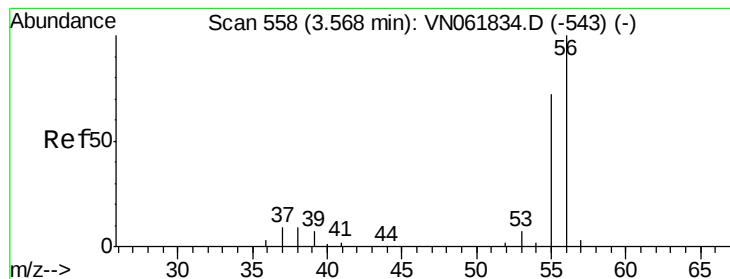


#12

1,1-Dichloroethene
 Concen: 53.172 ug/l
 RT: 3.70 min Scan# 598
 Delta R.T. 0.00 min
 Lab File: VN061837.D
 Acq: 16 Jun 2020 20:13

Tgt Ion: 96 Resp: 87148
 Ion Ratio Lower Upper
 96 100
 61 150.5 124.3 186.5
 98 62.4 53.1 79.7





#13

Acrolein

Concen: 238.539 ug/l

RT: 3.56 min Scan# 557

Delta R.T. -0.00 min

Lab File: VN061837.D

Acq: 16 Jun 2020 20:13

Instrument :

MSVOA_N

ClientSampleId :

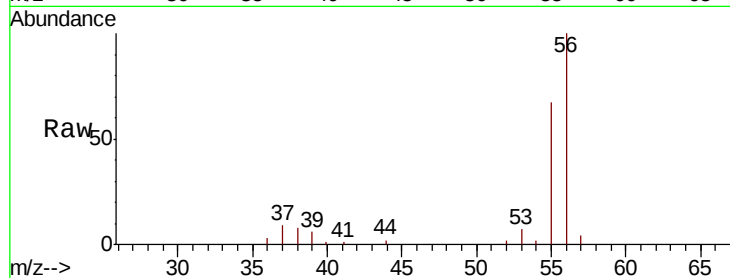
ICVVN061620

Tot Ion: 56 Resp: 42681

Ion Ratio Lower Upper

56 100

55 70.2 56.2 84.4



Abundance Ion 56.00 (55.70 to 56.70): VN061837.D (-543) (-)

Ion 55.00 (54.70 to 55.70): VN061837.D (-543) (-)

3.56

20000

15000

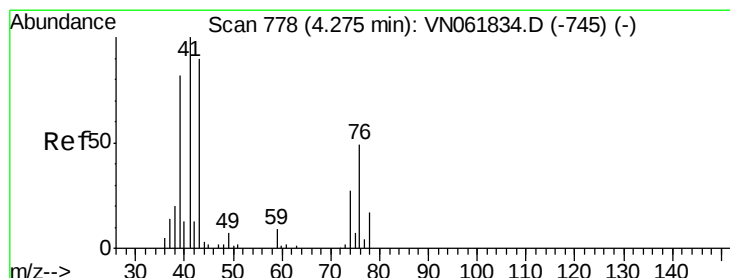
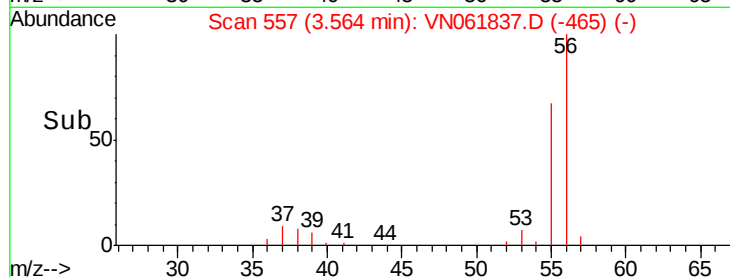
10000

5000

0

Time-->

3.50 3.55 3.60 3.65



#14

Allyl chloride

Concen: 48.979 ug/l

RT: 4.28 min Scan# 778

Delta R.T. 0.00 min

Lab File: VN061837.D

Acq: 16 Jun 2020 20:13

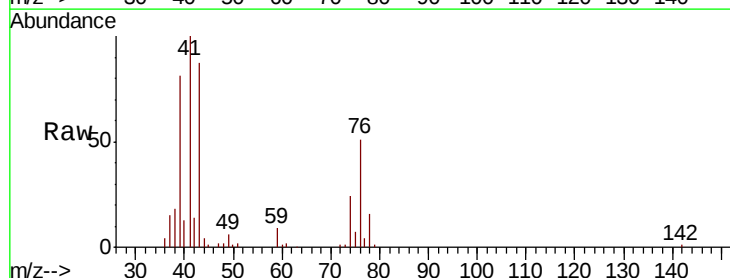
Tgt Ion: 41 Resp: 106543

Ion Ratio Lower Upper

41 100

39 81.3 60.2 90.2

76 49.6 36.3 54.5



Abundance Ion 41.00 (40.70 to 41.70): VN061837.D (-685) (-)

Ion 39.00 (38.70 to 39.70): VN061837.D (-685) (-)

Ion 75.90 (75.60 to 76.60): VN061837.D (-685) (-)

4.28

50000

40000

30000

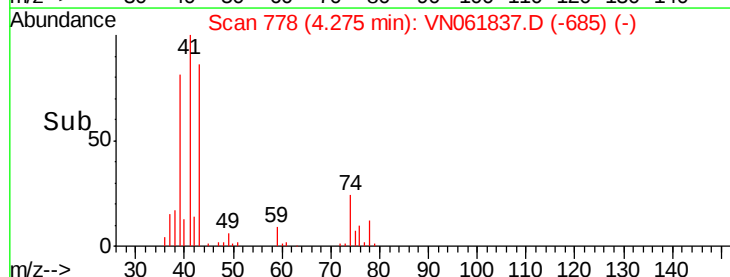
20000

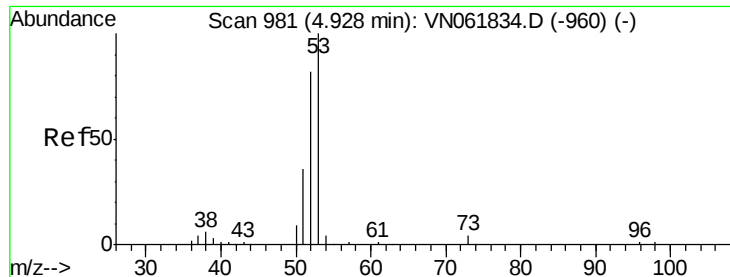
10000

0

Time-->

4.20 4.25 4.30 4.35 4.40





#15

Acrylonitrile

Concen: 268.269 ug/l

RT: 4.93 min Scan# 981

Delta R.T. 0.00 min

Lab File: VN061837.D

Acq: 16 Jun 2020 20:13

Instrument :

MSVOA_N

ClientSampleId :

ICVVN061620

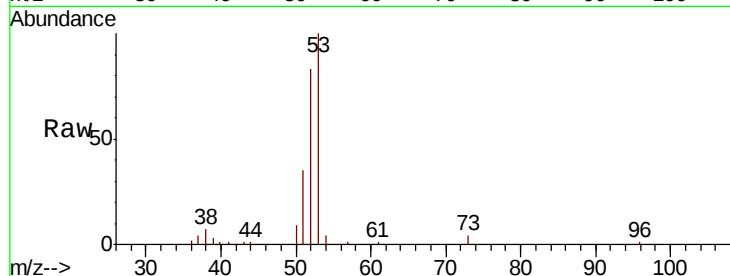
Tot Ion: 53 Resp: 199000

Ion Ratio Lower Upper

53 100

52 81.7 65.2 97.8

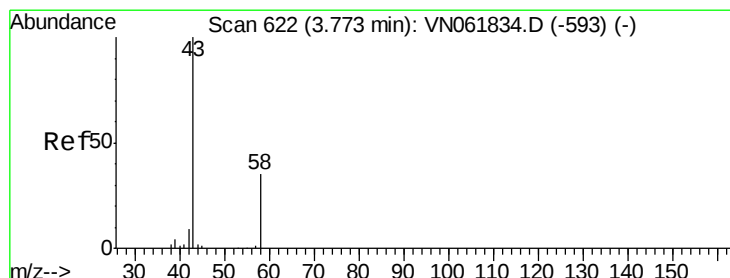
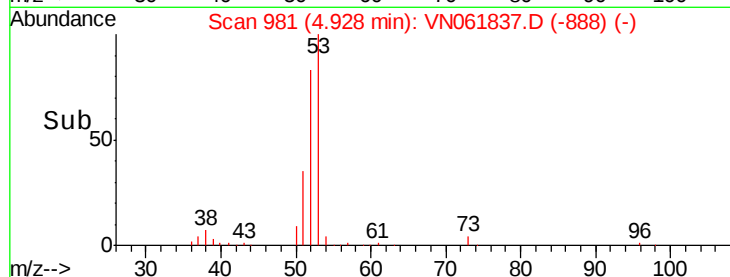
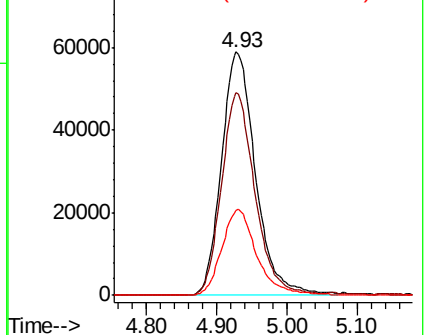
51 36.2 29.3 43.9



Abundance Ion 53.00 (52.70 to 53.70): VN061837.D (-960) (-)

Ion 52.00 (51.70 to 52.70): VN061837.D (-960) (-)

Ion 51.00 (50.70 to 51.70): VN061837.D (-960) (-)



#16

Acetone

Concen: 231.291 ug/l

RT: 3.77 min Scan# 622

Delta R.T. 0.00 min

Lab File: VN061837.D

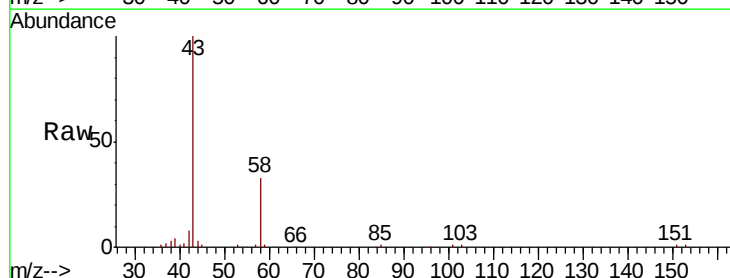
Acq: 16 Jun 2020 20:13

Tgt Ion: 43 Resp: 147802

Ion Ratio Lower Upper

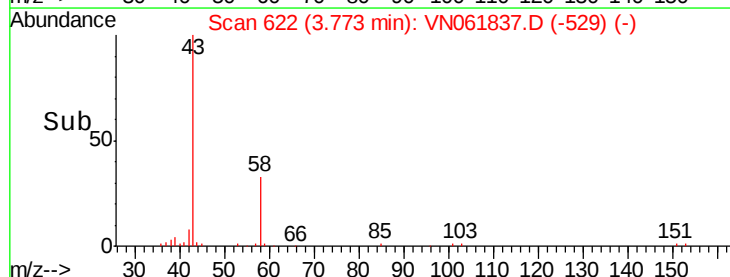
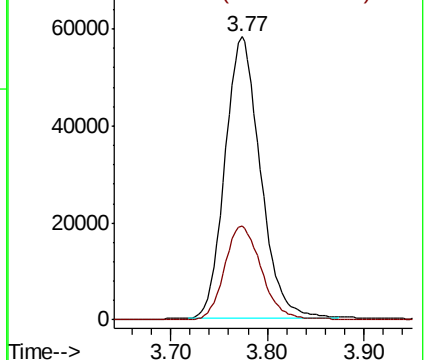
43 100

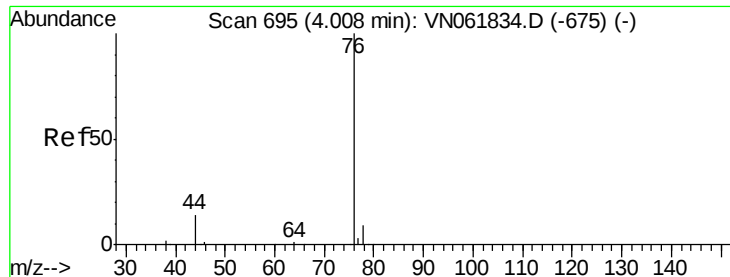
58 33.2 27.8 41.8



Abundance Ion 43.00 (42.70 to 43.70): VN061837.D (-593) (-)

Ion 58.00 (57.70 to 58.70): VN061837.D (-593) (-)

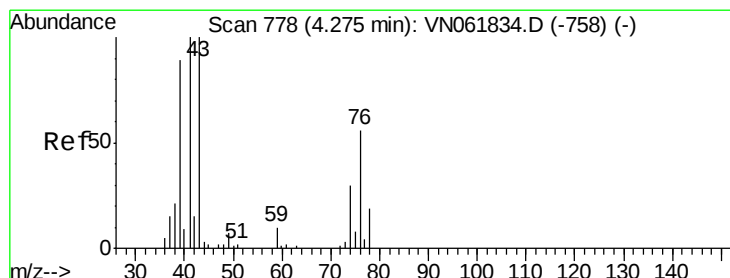
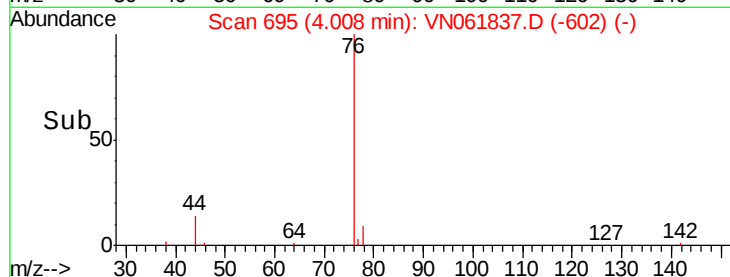
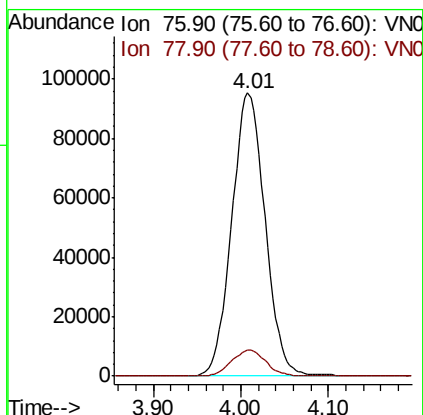
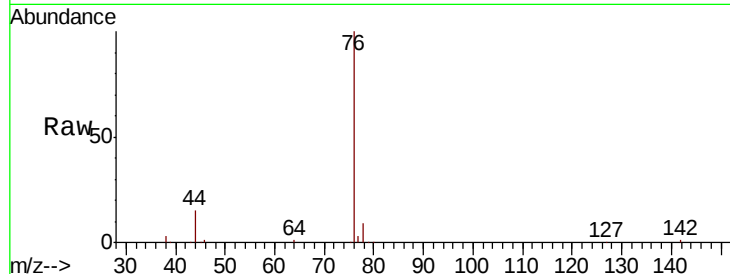




#17
Carbon Disulfide
Concen: 52.668 ug/l
RT: 4.01 min Scan# 695
Delta R.T. 0.00 min
Lab File: VN061837.D
Acq: 16 Jun 2020 20:13

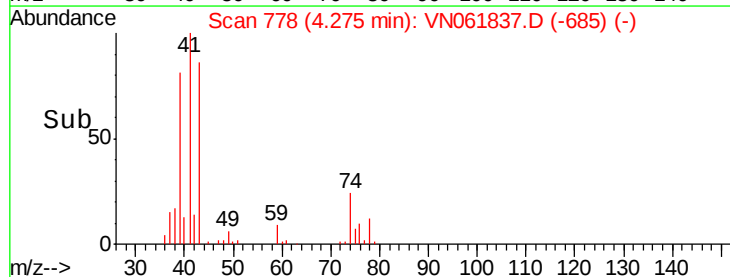
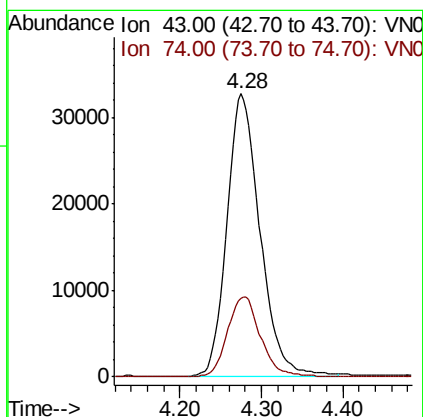
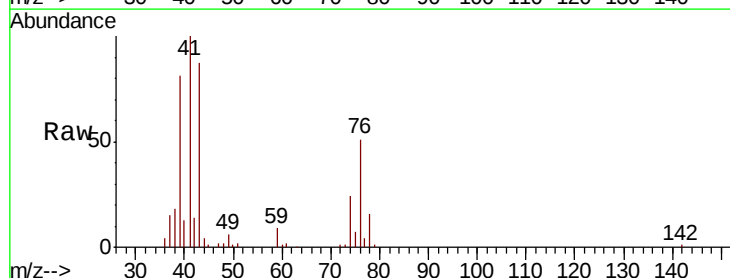
Instrument :
MSVOA_N
ClientSampled :
ICVVN061620

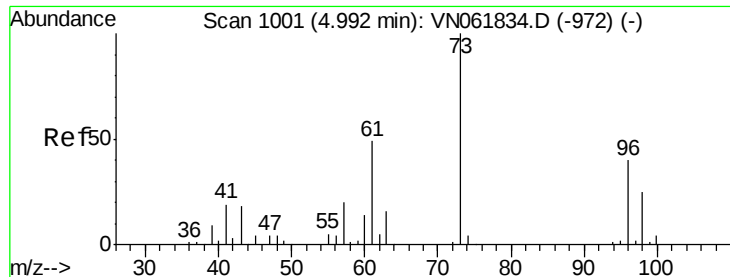
Tot Ion: 76 Resp: 252579
Ion Ratio Lower Upper
76 100
78 9.3 7.3 10.9



#18
Methyl Acetate
Concen: 50.802 ug/l
RT: 4.28 min Scan# 778
Delta R.T. 0.00 min
Lab File: VN061837.D
Acq: 16 Jun 2020 20:13

Tgt Ion: 43 Resp: 93465
Ion Ratio Lower Upper
43 100
74 28.1 23.0 34.4





#19

Methyl tert-butyl Ether

Concen: 52.162 ug/l

RT: 4.99 min Scan# 1000

Delta R.T. -0.00 min

Lab File: VN061837.D

Acq: 16 Jun 2020 20:13

Instrument :

MSVOA_N

ClientSampleId :

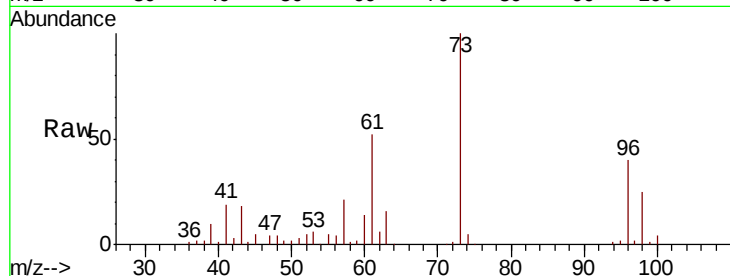
ICVVN061620

Tot Ion: 73 Resp: 284654

Ion Ratio Lower Upper

73 100

57 21.1 16.2 24.4



Abundance Ion 73.00 (72.70 to 73.70): VN061837.D (-972) (-)

Ion 57.00 (56.70 to 57.70): VN061837.D (-972) (-)

4.99

80000

60000

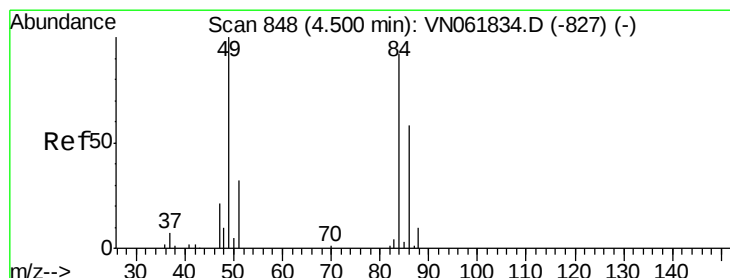
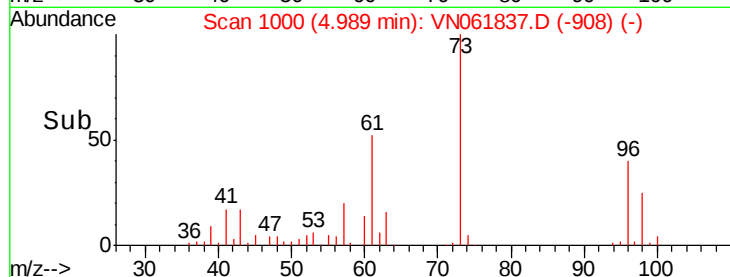
40000

20000

0

Time-->

4.90 5.00 5.10



#20

Methylene Chloride

Concen: 47.505 ug/l

RT: 4.50 min Scan# 848

Delta R.T. 0.00 min

Lab File: VN061837.D

Acq: 16 Jun 2020 20:13

Tgt Ion: 84 Resp: 98903

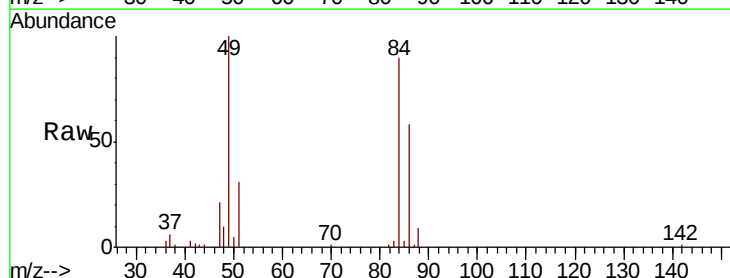
Ion Ratio Lower Upper

84 100

49 111.6 87.0 130.4

51 34.8 27.8 41.6

86 65.0 50.2 75.2



Abundance Ion 83.90 (83.60 to 84.60): VN061837.D (-755) (-)

Ion 48.90 (48.60 to 49.60): VN061837.D (-755) (-)

Ion 50.90 (50.60 to 51.60): VN061837.D (-755) (-)

Ion 85.90 (85.60 to 86.60): VN061837.D (-755) (-)

50000

40000

30000

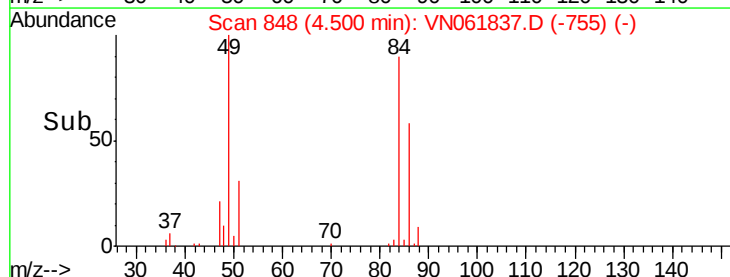
20000

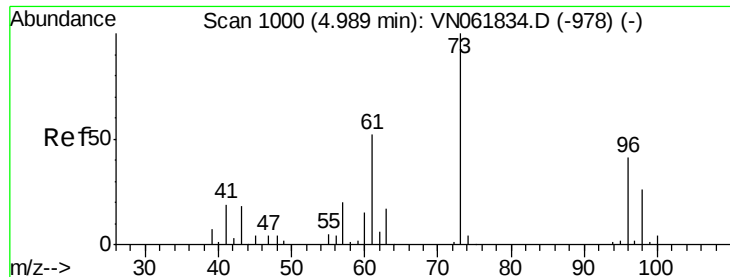
10000

0

Time-->

4.40 4.50 4.60

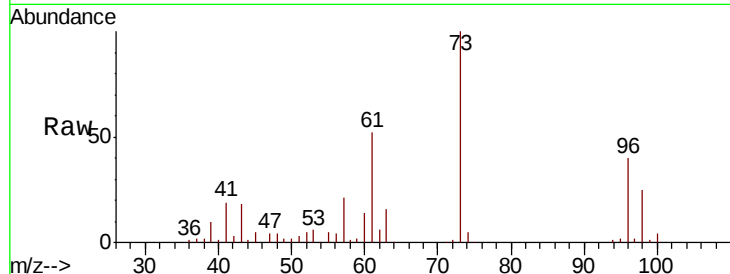




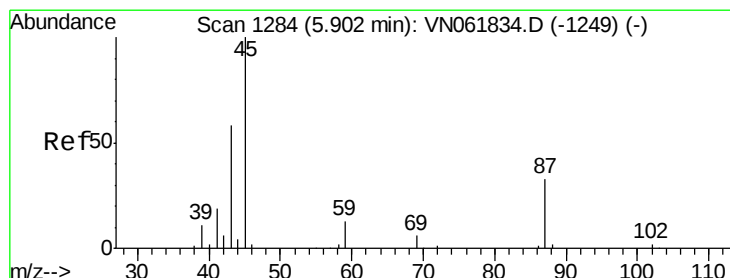
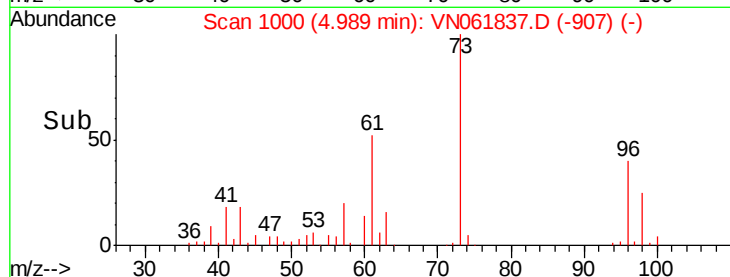
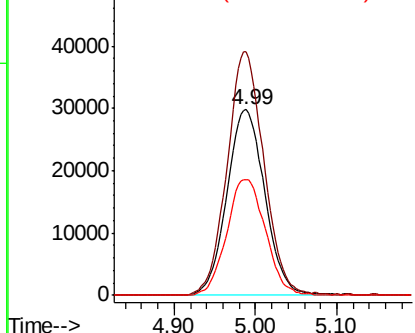
#21
trans-1,2-Dichloroethene
Concen: 51.380 ug/l
RT: 4.99 min Scan# 1000
Delta R.T. 0.00 min
Lab File: VN061837.D
Acq: 16 Jun 2020 20:13

Instrument :
MSVOA_N
ClientSampled :
ICV061620

Tot Ion: 96 Resp: 96726
Ion Ratio Lower Upper
96 100
61 130.4 102.2 153.4
98 62.5 51.2 76.8

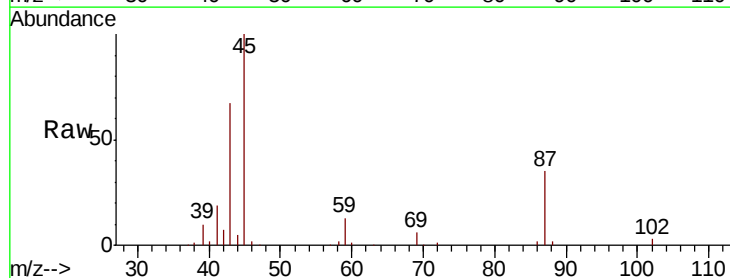


Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0

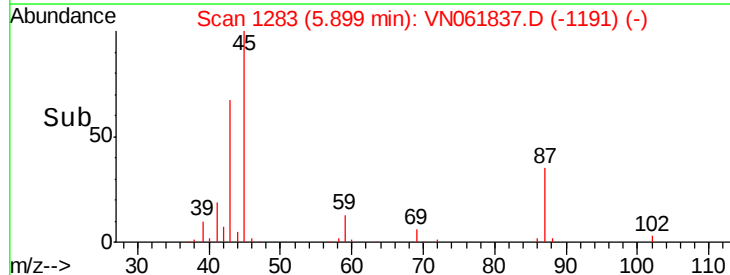
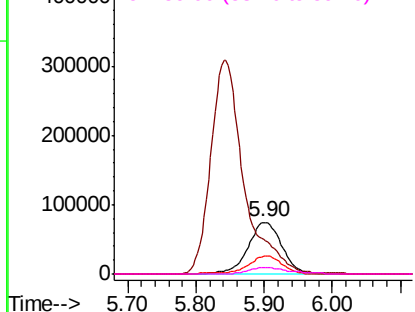


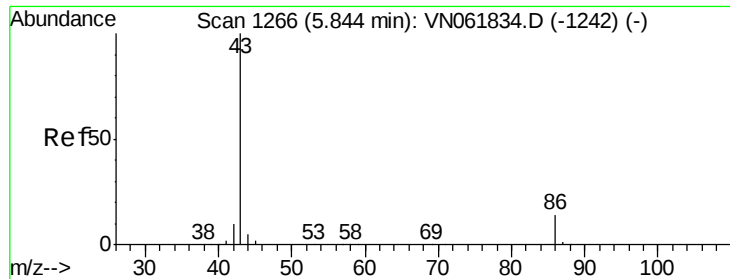
#22
Diisopropyl ether
Concen: 51.451 ug/l
RT: 5.90 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VN061837.D
Acq: 16 Jun 2020 20:13

Tgt Ion: 45 Resp: 255966
Ion Ratio Lower Upper
45 100
43 65.8 49.4 74.2
87 34.7 27.4 41.0
59 13.0 10.6 15.8



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

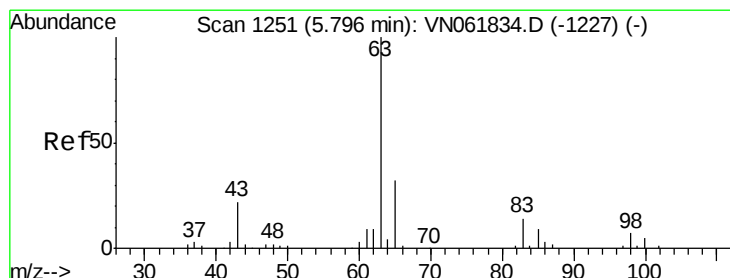
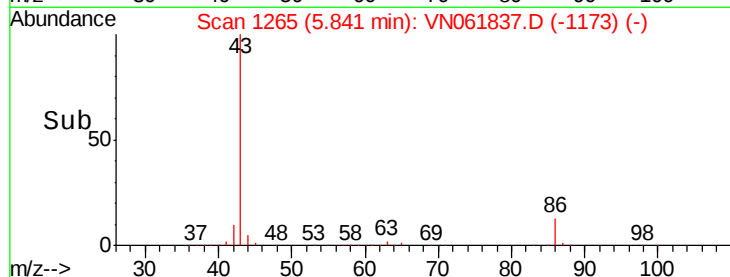
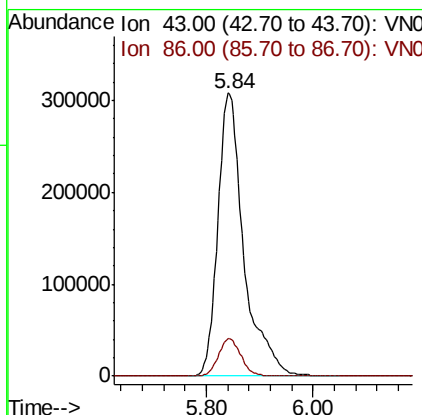
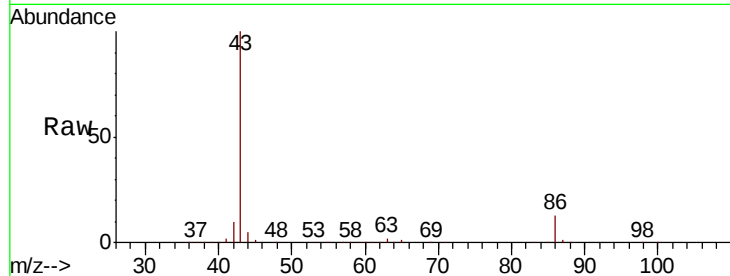




#23
 Vinyl Acetate
 Concen: 267.295 ug/l
 RT: 5.84 min Scan# 1265
 Delta R.T. -0.00 min
 Lab File: VN061837.D
 Acq: 16 Jun 2020 20:13

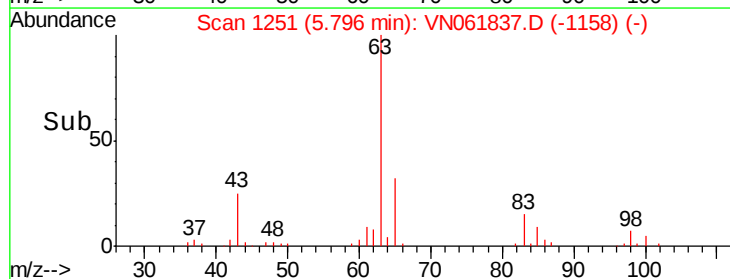
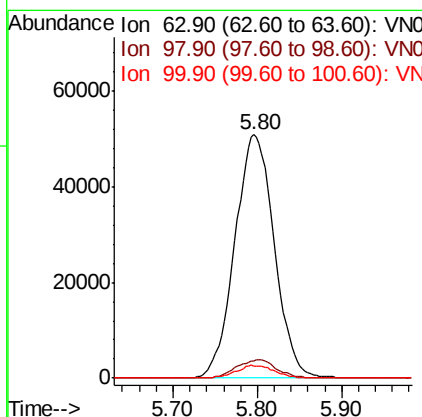
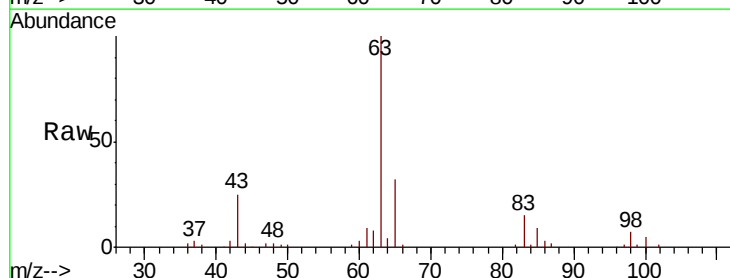
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN061620

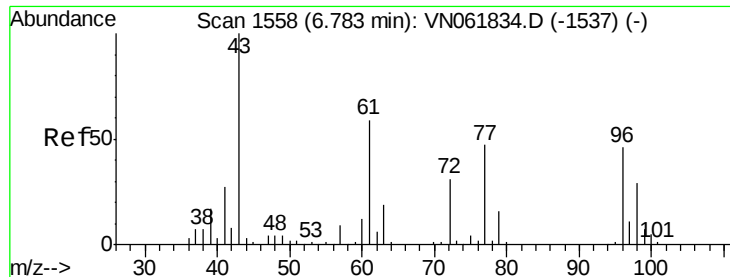
Tot Ion: 43 Resp: 1045887
 Ion Ratio Lower Upper
 43 100
 86 13.2 10.9 16.3



#24
 1,1-Dichloroethane
 Concen: 50.777 ug/l
 RT: 5.80 min Scan# 1251
 Delta R.T. 0.00 min
 Lab File: VN061837.D
 Acq: 16 Jun 2020 20:13

Tgt Ion: 63 Resp: 165367
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.5 10.4
 100 5.0 2.5 7.4





#25

2-Butanone

Concen: 258.778 ug/l

RT: 6.78 min Scan# 1558

Delta R.T. 0.00 min

Lab File: VN061837.D

Acq: 16 Jun 2020 20:13

Instrument :

MSVOA_N

ClientSampleId :

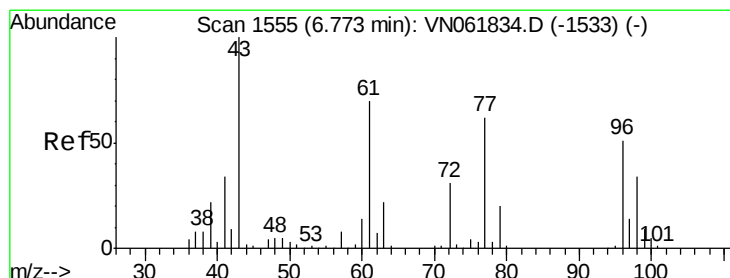
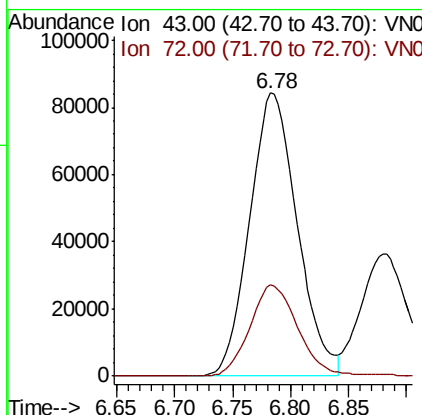
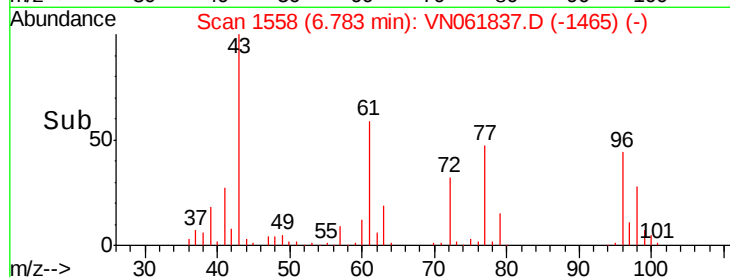
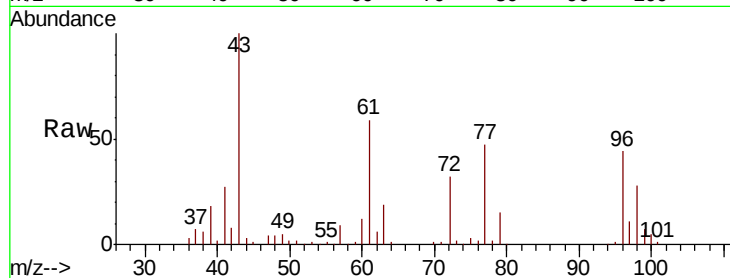
ICVVN061620

Tot Ion: 43 Resp: 241271

Ion Ratio Lower Upper

43 100

72 32.1 24.6 37.0



#26

2,2-Dichloropropane

Concen: 49.247 ug/l

RT: 6.78 min Scan# 1556

Delta R.T. 0.00 min

Lab File: VN061837.D

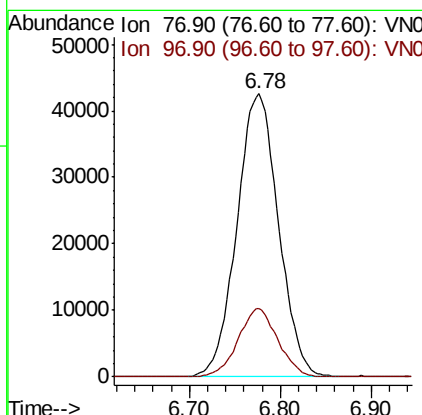
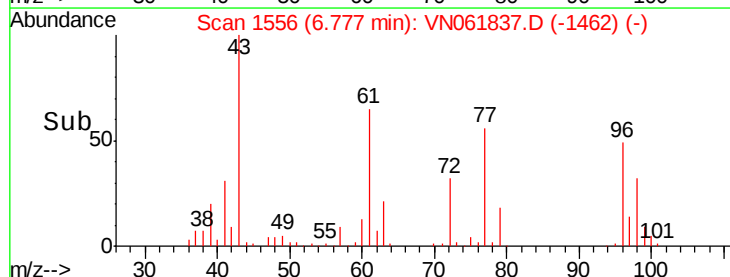
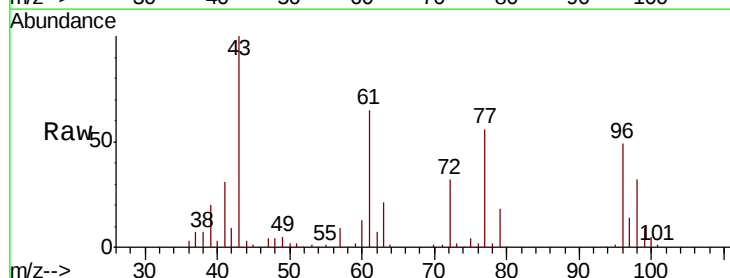
Acq: 16 Jun 2020 20:13

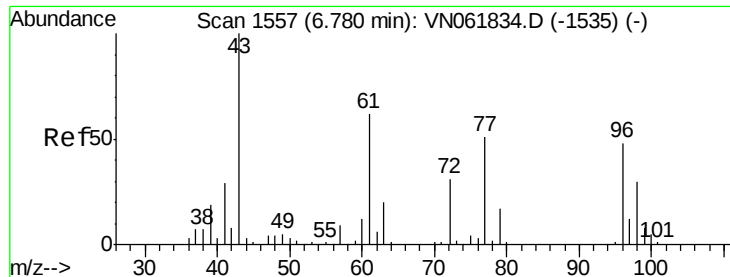
Tgt Ion: 77 Resp: 134935

Ion Ratio Lower Upper

77 100

97 23.0 11.7 35.0





#27

cis-1,2-Dichloroethene

Concen: 50.698 ug/l

RT: 6.78 min Scan# 1557

Delta R.T. 0.00 min

Lab File: VN061837.D

Acq: 16 Jun 2020 20:13

Instrument :

MSVOA_N

ClientSampleId :

ICVVN061620

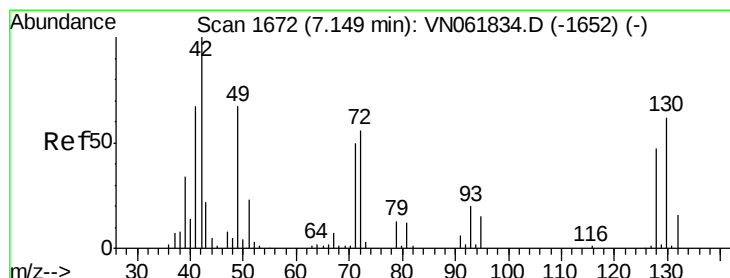
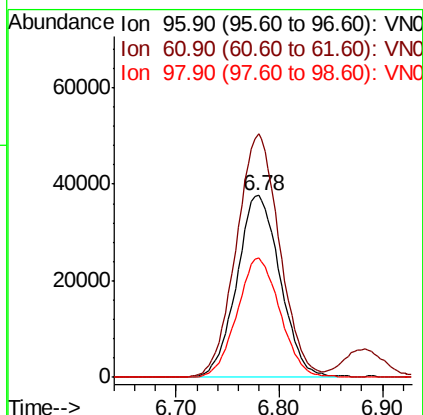
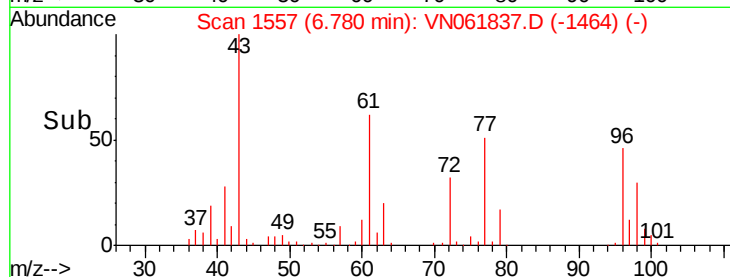
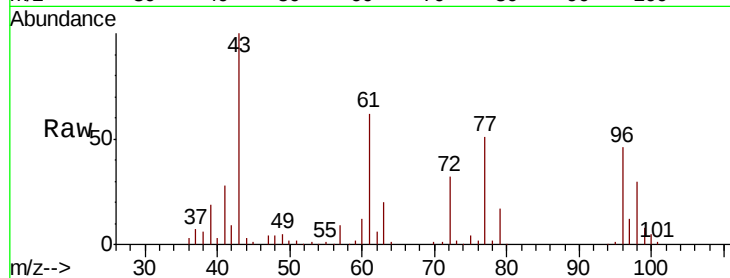
Tot Ion: 96 Resp: 110126

Ion Ratio Lower Upper

96 100

61 133.5 0.0 265.6

98 64.9 0.0 128.2



#28

Bromochloromethane

Concen: 49.500 ug/l

RT: 7.15 min Scan# 1673

Delta R.T. 0.00 min

Lab File: VN061837.D

Acq: 16 Jun 2020 20:13

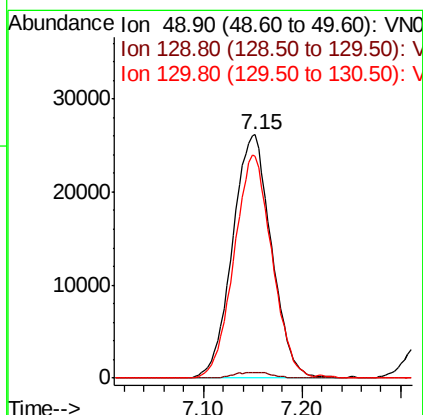
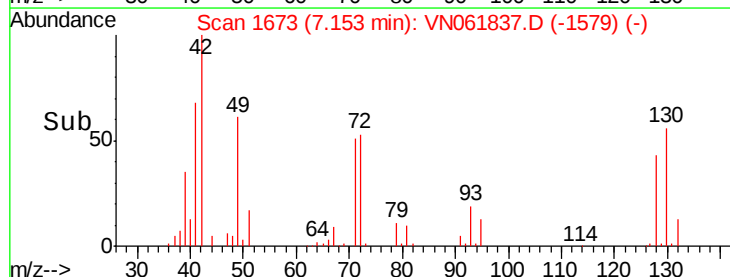
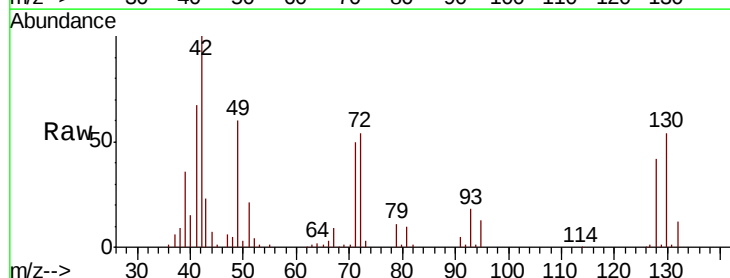
Tgt Ion: 49 Resp: 71777

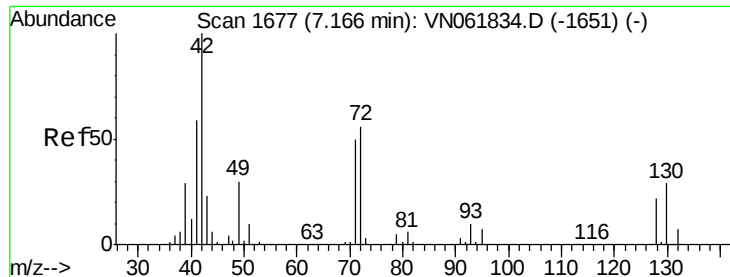
Ion Ratio Lower Upper

49 100

129 2.2 0.0 4.0

130 89.2 72.2 108.2

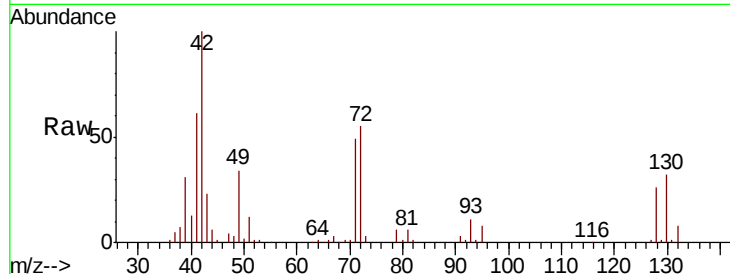




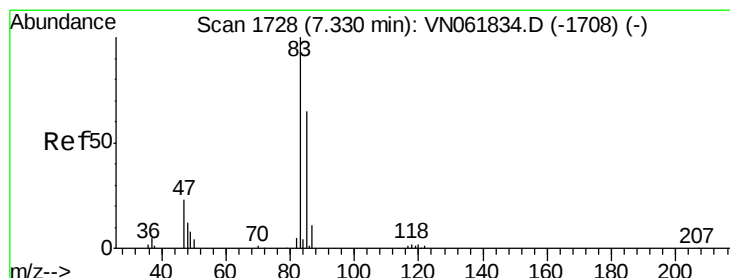
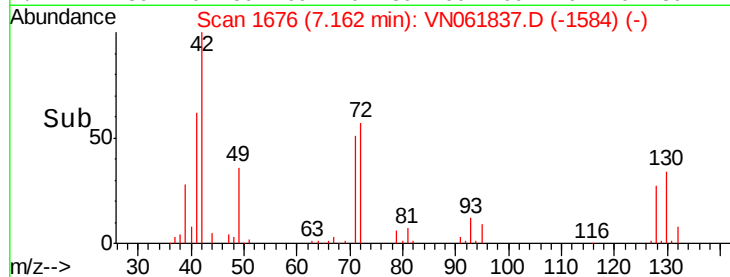
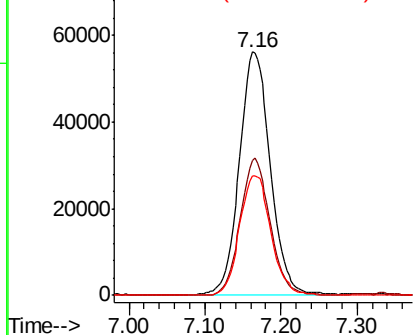
#29
Tetrahydrofuran
Concen: 260.390 ug/l
RT: 7.16 min Scan# 1676
Delta R.T. -0.00 min
Lab File: VN061837.D
Acq: 16 Jun 2020 20:13

Instrument :
MSVOA_N
ClientSampleId :
ICVVN061620

Tot Ion: 42 Resp: 159771
Ion Ratio Lower Upper
42 100
72 54.1 44.0 66.0
71 49.5 40.0 60.0

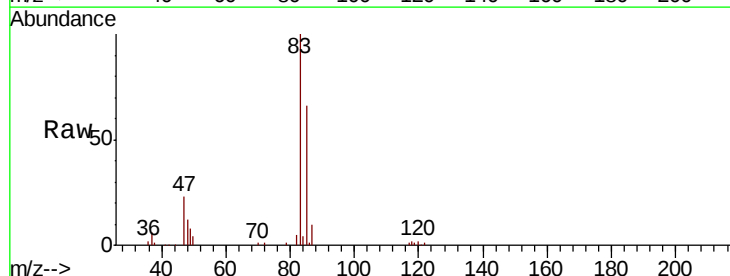


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

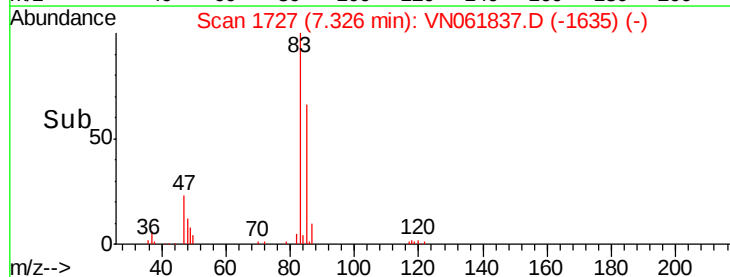
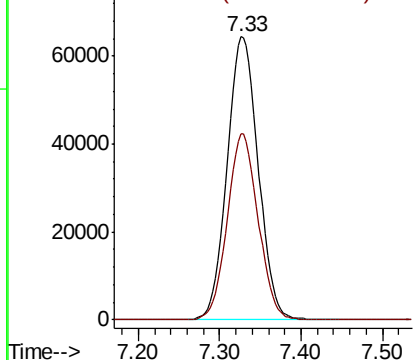


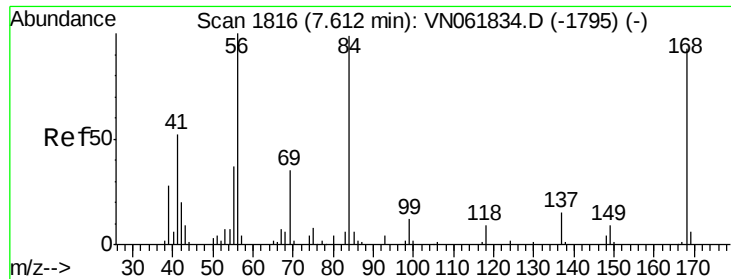
#30
Chloroform
Concen: 49.492 ug/l
RT: 7.33 min Scan# 1727
Delta R.T. -0.00 min
Lab File: VN061837.D
Acq: 16 Jun 2020 20:13

Tgt Ion: 83 Resp: 172260
Ion Ratio Lower Upper
83 100
85 65.9 52.0 78.0



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

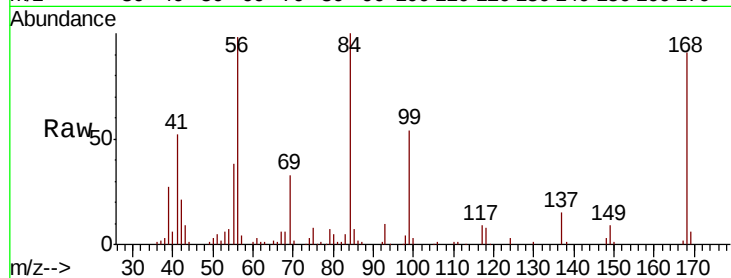




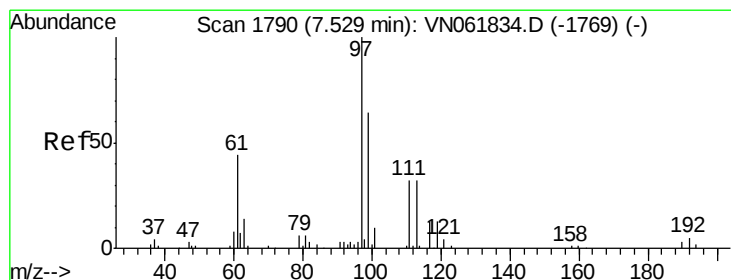
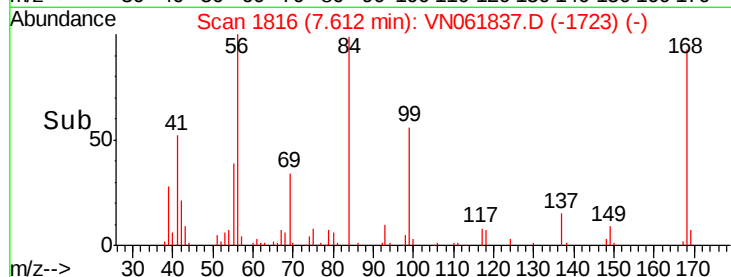
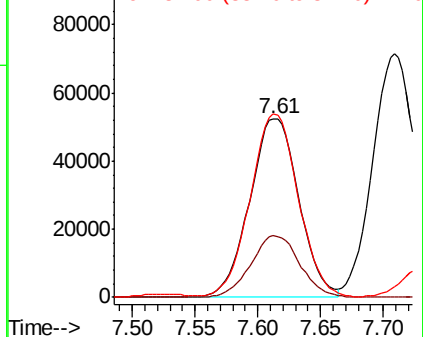
#31
Cyclohexane
Concen: 50.280 ug/l
RT: 7.61 min Scan# 1816
Delta R.T. 0.00 min
Lab File: VN061837.D
Acq: 16 Jun 2020 20:13

Instrument :
MSVOA_N
ClientSampleId :
ICVVN061620

Tot Ion: 56 Resp: 143345
Ion Ratio Lower Upper
56 100
69 34.3 27.7 41.5
84 101.3 79.1 118.7

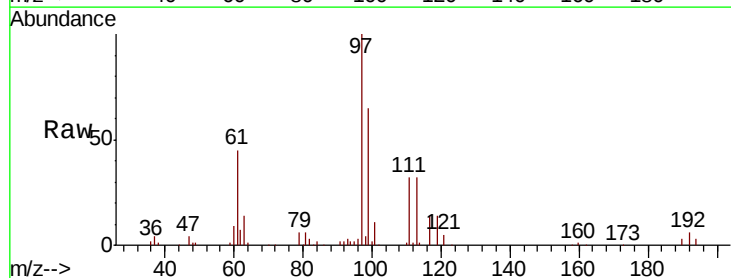


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

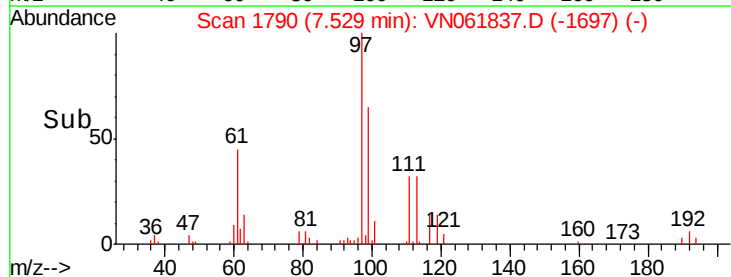
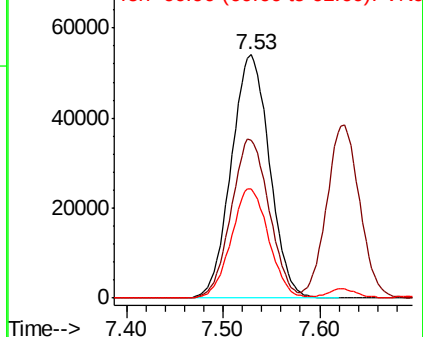


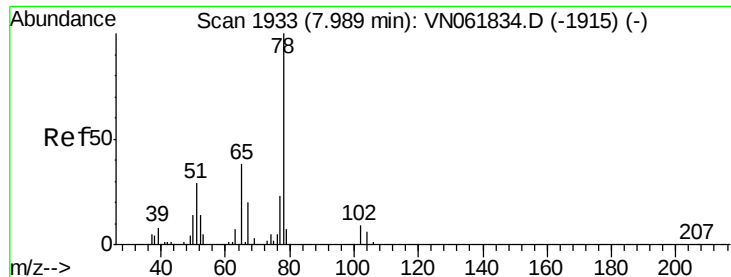
#32
1,1,1-Trichloroethane
Concen: 50.047 ug/l
RT: 7.53 min Scan# 1790
Delta R.T. 0.00 min
Lab File: VN061837.D
Acq: 16 Jun 2020 20:13

Tgt Ion: 97 Resp: 148349
Ion Ratio Lower Upper
97 100
99 64.8 51.5 77.3
61 44.2 35.1 52.7



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

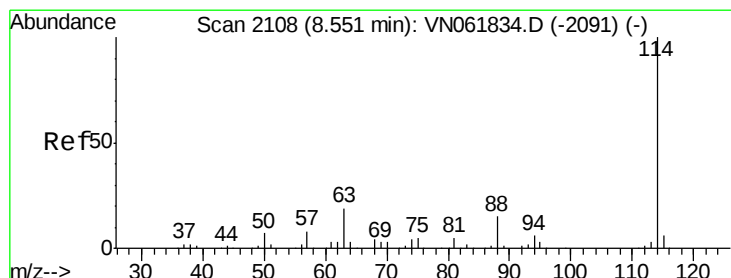
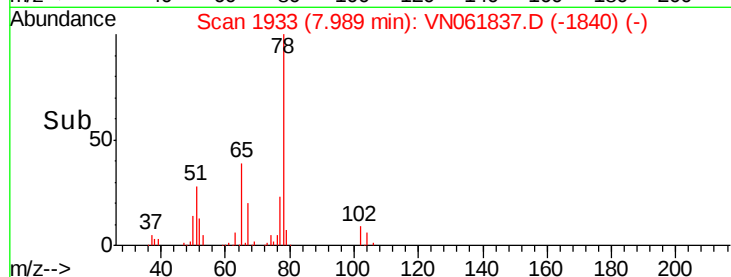
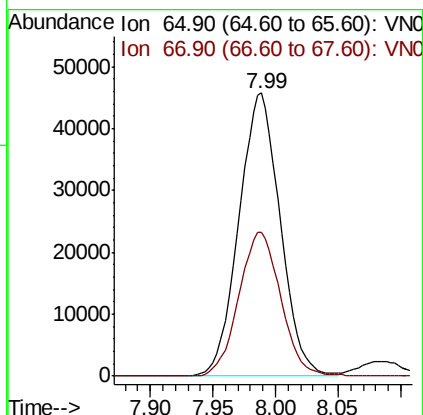
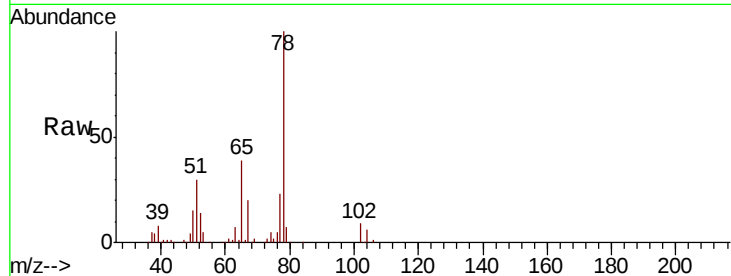




#33
 1,2-Dichloroethane-d4
 Concen: 48.410 ug/l
 RT: 7.99 min Scan# 1933
 Delta R.T. 0.00 min
 Lab File: VN061837.D
 Acq: 16 Jun 2020 20:13

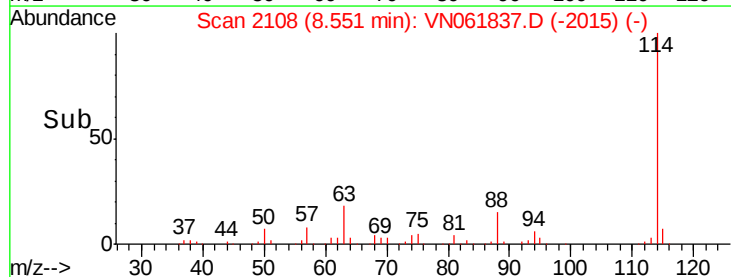
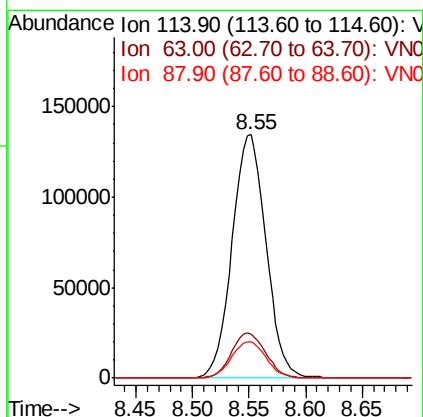
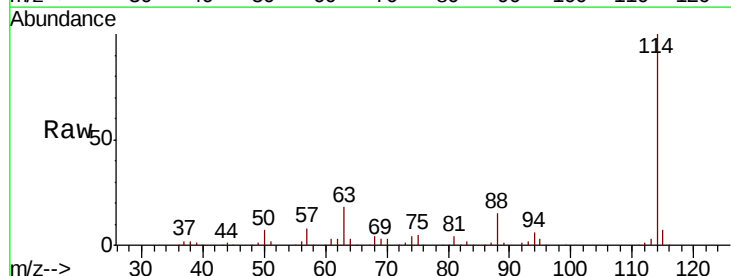
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN061620

Tot Ion: 65 Resp: 104731
 Ion Ratio Lower Upper
 65 100
 67 51.5 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. 0.00 min
 Lab File: VN061837.D
 Acq: 16 Jun 2020 20:13

Tgt Ion: 114 Resp: 281164
 Ion Ratio Lower Upper
 114 100
 63 18.3 0.0 37.6
 88 15.1 0.0 31.0

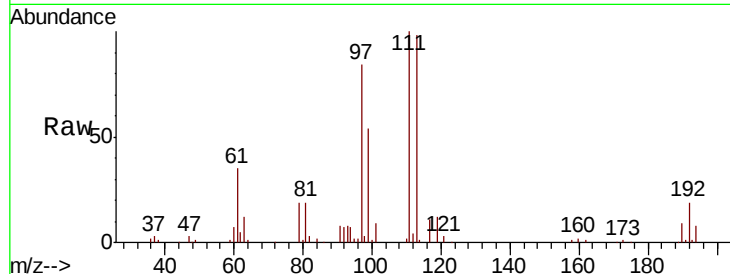




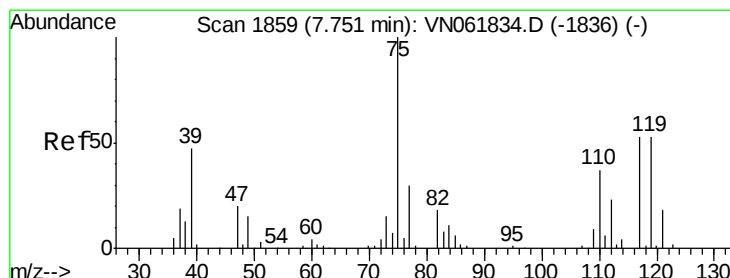
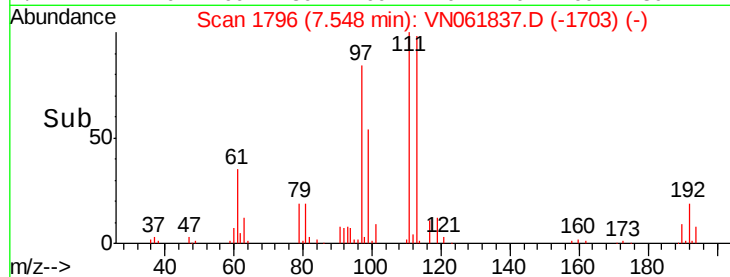
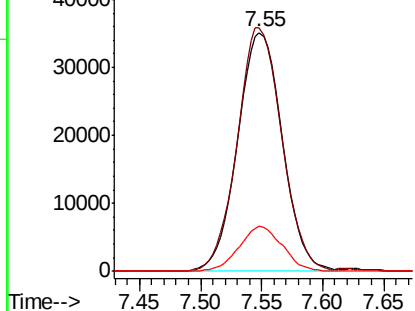
#35
 Dibromofluoromethane
 Concen: 49.602 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. 0.00 min
 Lab File: VN061837.D
 Acq: 16 Jun 2020 20:13

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN061620

Tot Ion:113 Resp: 89221
 Ion Ratio Lower Upper
 113 100
 111 101.3 83.7 125.5
 192 18.2 13.9 20.9

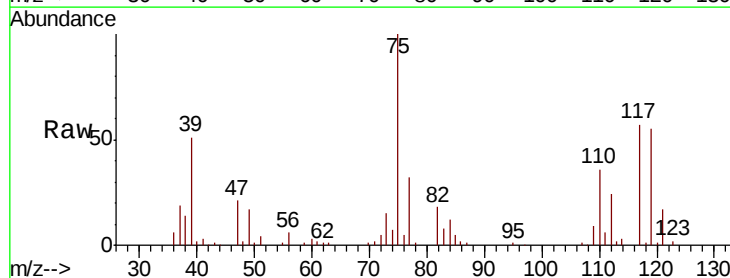


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

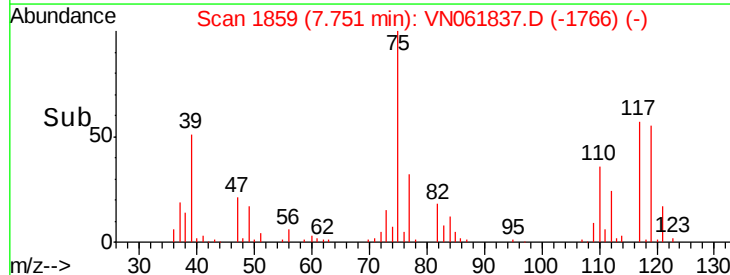
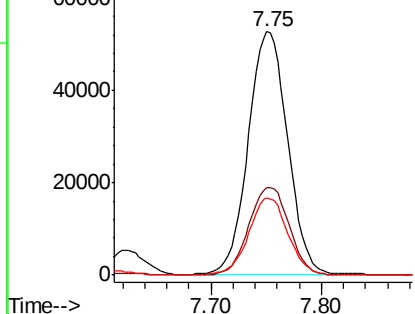


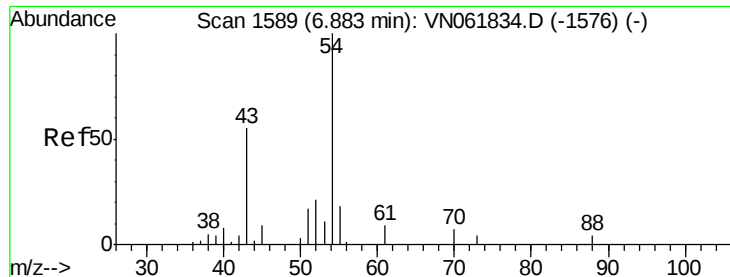
#36
 1,1-Dichloropropene
 Concen: 50.541 ug/l
 RT: 7.75 min Scan# 1859
 Delta R.T. 0.00 min
 Lab File: VN061837.D
 Acq: 16 Jun 2020 20:13

Tgt Ion: 75 Resp: 129614
 Ion Ratio Lower Upper
 75 100
 110 37.0 18.2 54.6
 77 31.8 24.2 36.4



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

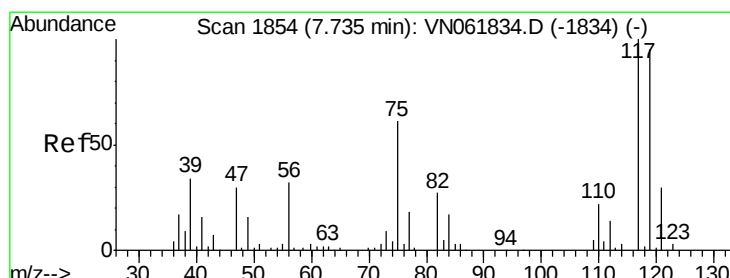
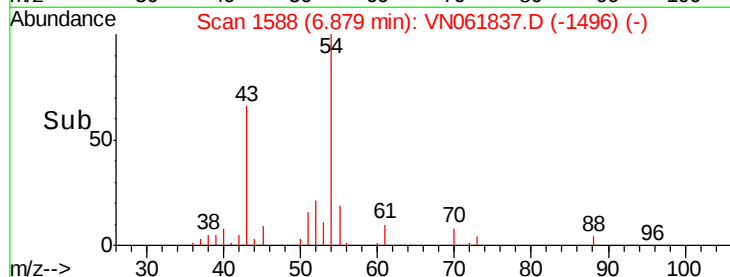
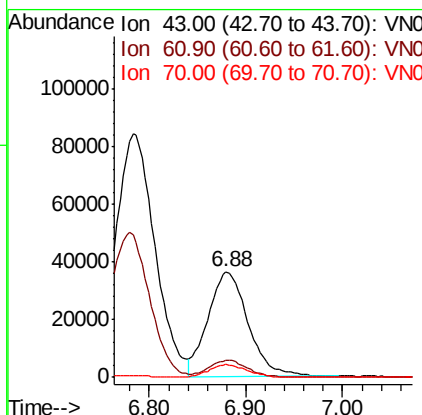
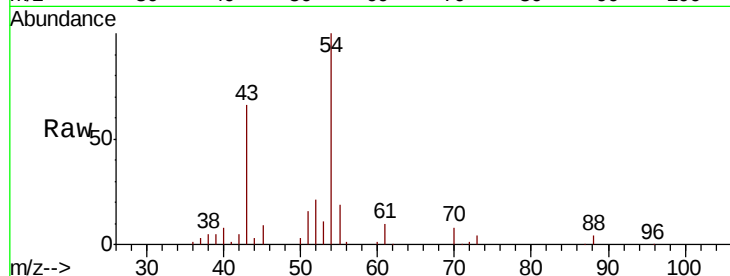




#37
Ethyl Acetate
Concen: 52.056 ug/l
RT: 6.88 min Scan# 1588
Delta R.T. -0.00 min
Lab File: VN061837.D
Acq: 16 Jun 2020 20:13

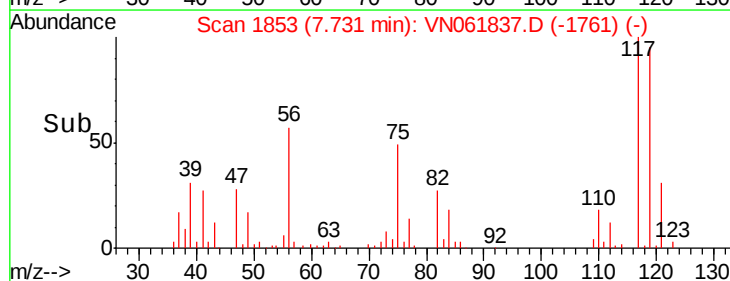
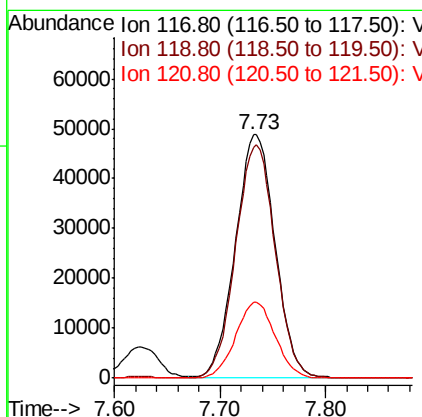
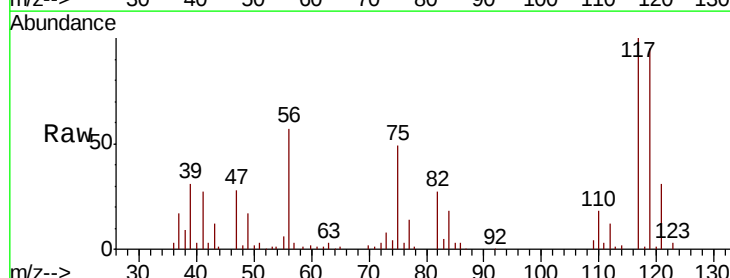
Instrument :
MSVOA_N
ClientSampled :
ICVVN061620

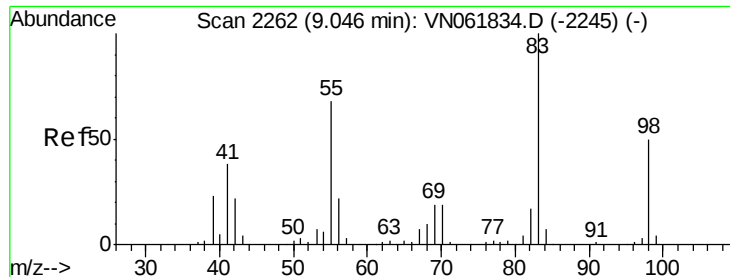
Tot Ion: 43 Resp: 104249
Ion Ratio Lower Upper
43 100
61 15.1 13.0 19.4
70 11.6 9.4 14.2



#38
Carbon Tetrachloride
Concen: 50.263 ug/l
RT: 7.73 min Scan# 1853
Delta R.T. -0.00 min
Lab File: VN061837.D
Acq: 16 Jun 2020 20:13

Tgt Ion: 117 Resp: 127647
Ion Ratio Lower Upper
117 100
119 94.8 75.8 113.6
121 31.2 23.8 35.6

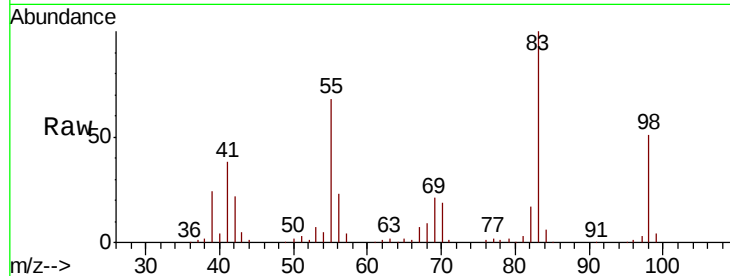




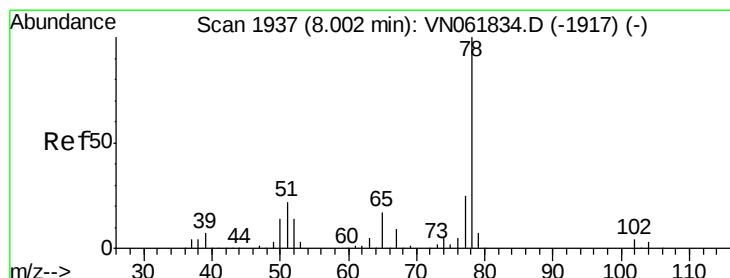
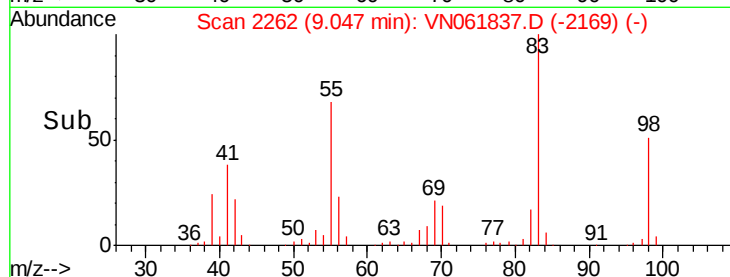
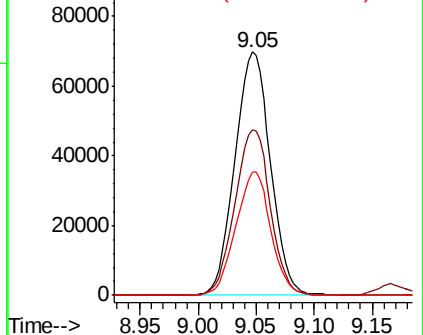
#39
Methvlcvclohexane
Concen: 53.825 ug/l
RT: 9.05 min Scan# 2262
Delta R.T. 0.00 min
Lab File: VN061837.D
Acq: 16 Jun 2020 20:13

Instrument :
MSVOA_N
ClientSampleId :
ICV061620

Tot Ion: 83 Resp: 148634
Ion Ratio Lower Upper
83 100
55 67.7 54.2 81.4
98 50.7 39.8 59.6

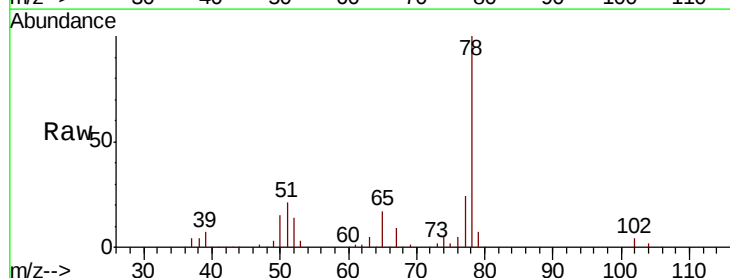


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

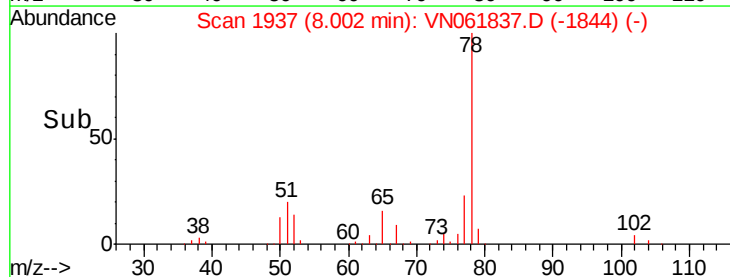
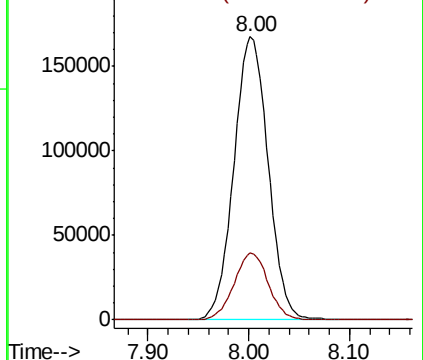


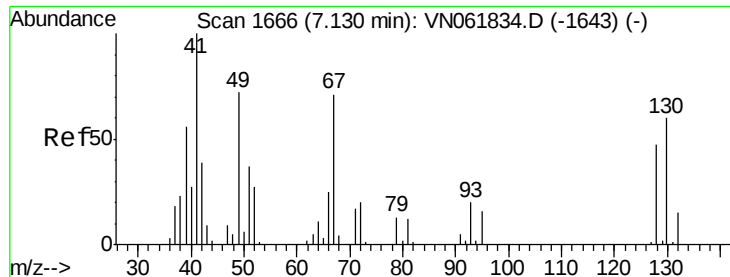
#40
Benzene
Concen: 50.893 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. 0.00 min
Lab File: VN061837.D
Acq: 16 Jun 2020 20:13

Tgt Ion: 78 Resp: 395362
Ion Ratio Lower Upper
78 100
77 23.5 19.7 29.5



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

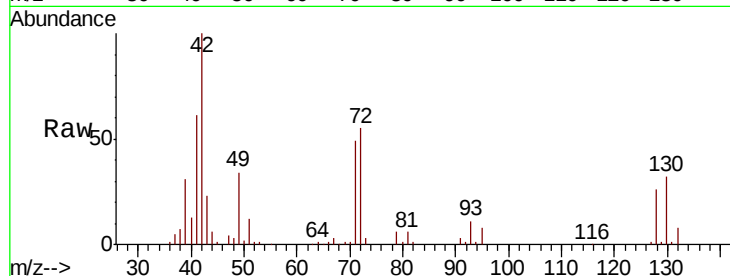




#41
Methacrylonitrile
Concen: 171.817 ug/l
RT: 7.16 min Scan# 1676
Delta R.T. 0.03 min
Lab File: VN061837.D
Acq: 16 Jun 2020 20:13

Instrument :
MSVOA_N
ClientSampleId :
ICVVN061620

Tot Ion:	41	Resp:	147137
Ion	Ratio	Lower	Upper
41	100		
39	30.5	0.0	0.0#
67	0.0	0.0	0.0
52	0.0	0.0	0.0



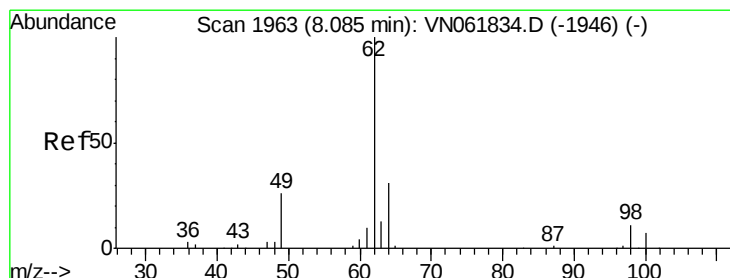
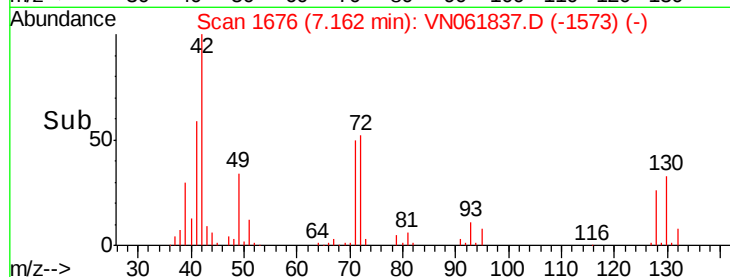
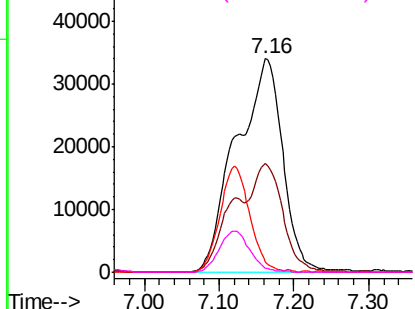
Abundance

Ion 41.00 (40.70 to 41.70): VNC

Ion 39.00 (38.70 to 39.70): VNC

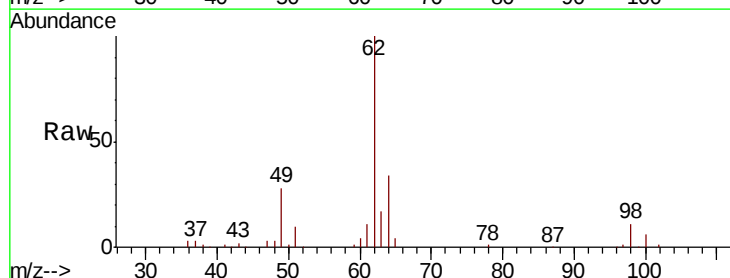
Ion 67.00 (66.70 to 67.70): VNC

Ion 52.00 (51.70 to 52.70): VNC



#42
1,2-Dichloroethane
Concen: 50.127 ug/l
RT: 8.09 min Scan# 1963
Delta R.T. 0.00 min
Lab File: VN061837.D
Acq: 16 Jun 2020 20:13

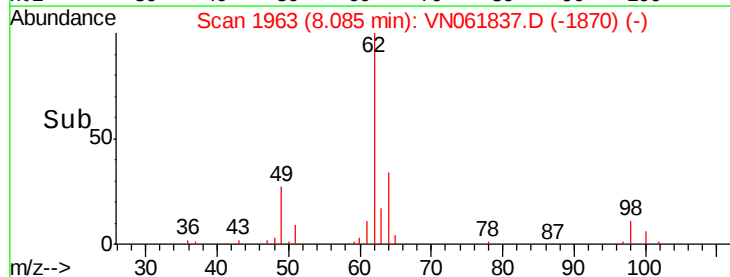
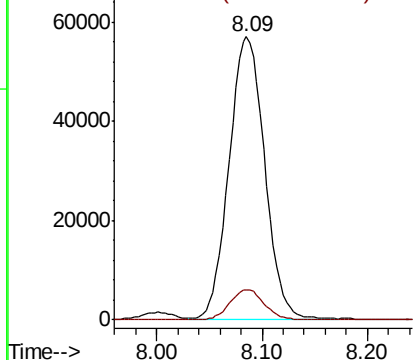
Tgt Ion:	62	Resp:	132780
Ion	Ratio	Lower	Upper
62	100		
98	10.2	0.0	20.4

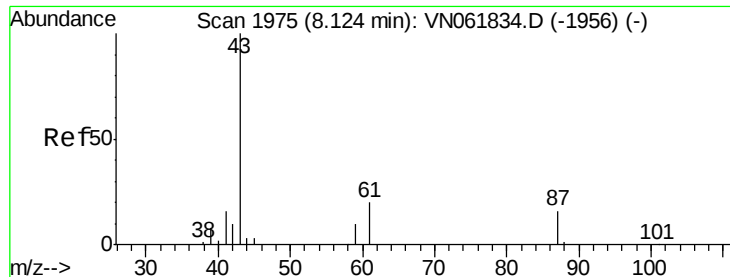


Abundance

Ion 61.90 (61.60 to 62.60): VNC

Ion 97.90 (97.60 to 98.60): VNC





#43

Isopropyl Acetate

Concen: 52.963 ug/l

RT: 8.13 min Scan# 1976

Delta R.T. 0.00 min

Lab File: VN061837.D

Acq: 16 Jun 2020 20:13

Instrument :

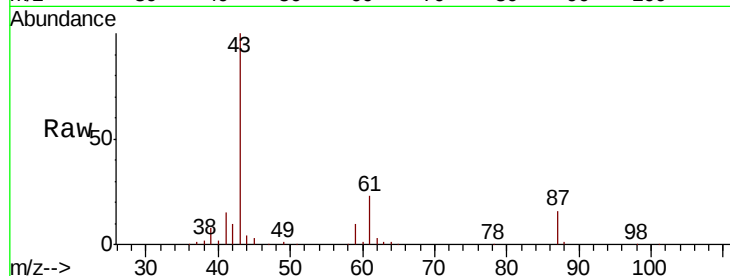
MSVOA_N

ClientSampleId :

ICVVN061620

Tot Ion: 43 Resp: 178746

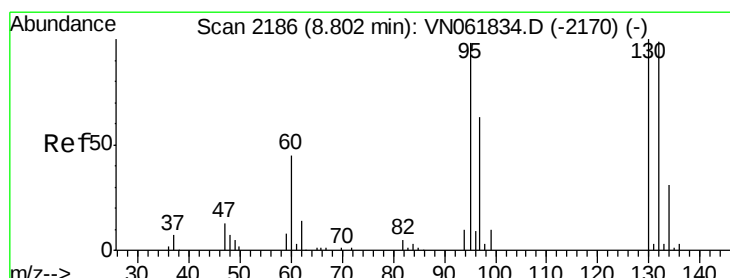
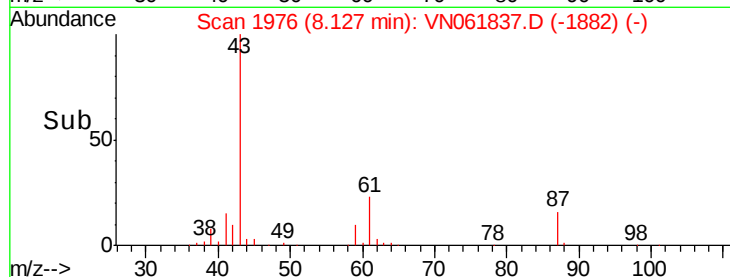
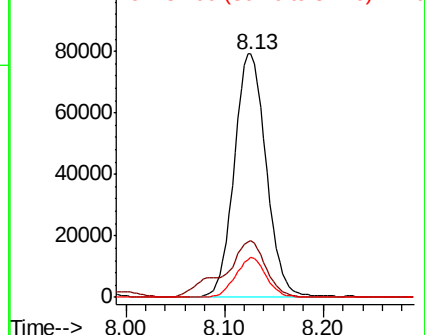
Ion	Ratio	Lower	Upper
43	100		
61	23.1	24.0	36.0#
87	15.6	12.5	18.7



Abundance Ion 43.00 (42.70 to 43.70): VN061837.D (-1976) (-)

Ion 61.00 (60.70 to 61.70): VN061837.D (-1976) (-)

Ion 87.00 (86.70 to 87.70): VN061837.D (-1976) (-)



#44

Trichloroethene

Concen: 51.343 ug/l

RT: 8.80 min Scan# 2186

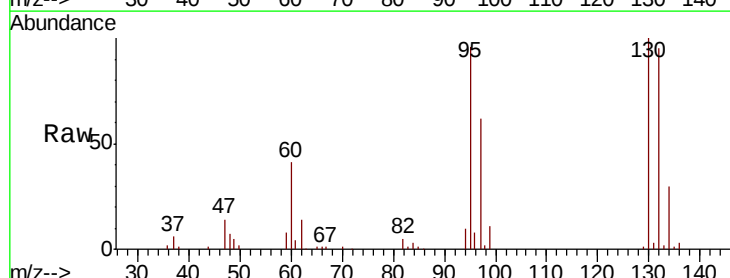
Delta R.T. 0.00 min

Lab File: VN061837.D

Acq: 16 Jun 2020 20:13

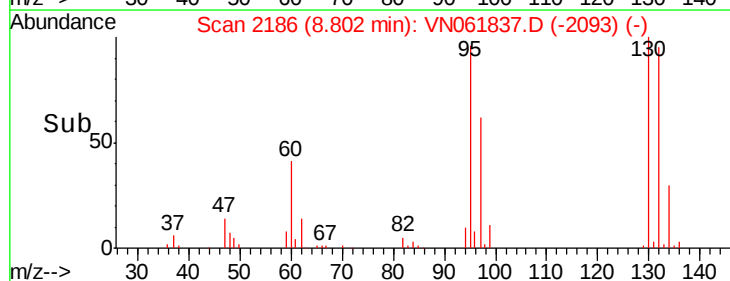
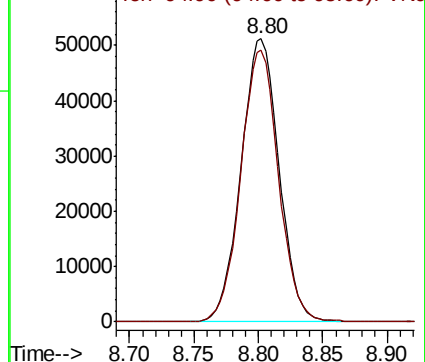
Tgt Ion: 130 Resp: 104969

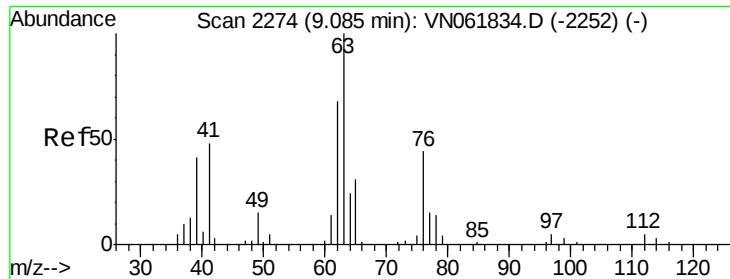
Ion	Ratio	Lower	Upper
130	100		
95	95.9	0.0	195.6



Abundance Ion 129.80 (129.50 to 130.50): VN061837.D (-2186) (-)

Ion 94.90 (94.60 to 95.60): VN061837.D (-2186) (-)

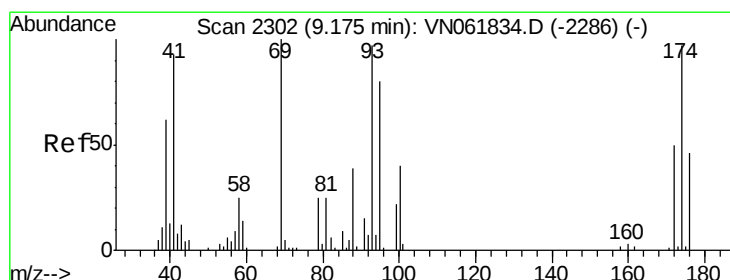
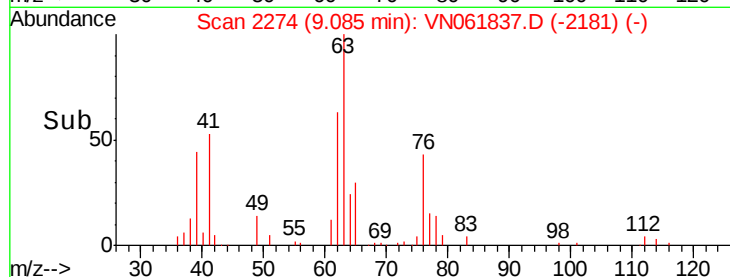
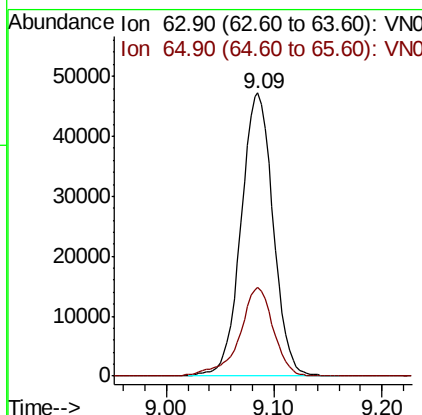
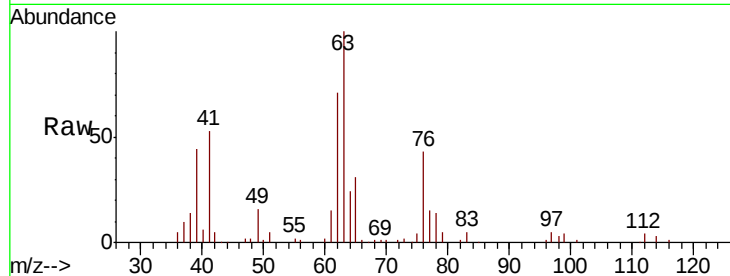




#45
 1,2-Dichloropropane
 Concen: 51.267 ug/l
 RT: 9.09 min Scan# 2274
 Delta R.T. 0.00 min
 Lab File: VN061837.D
 Acq: 16 Jun 2020 20:13

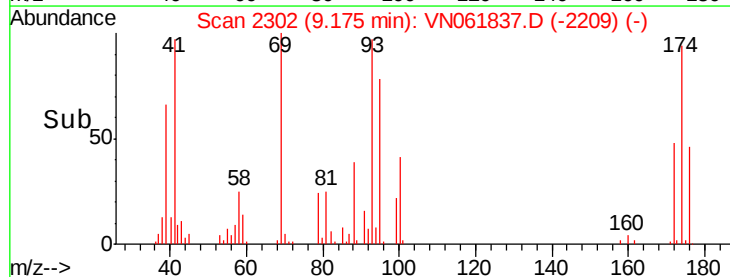
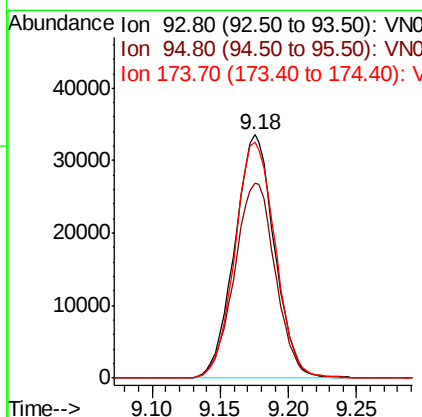
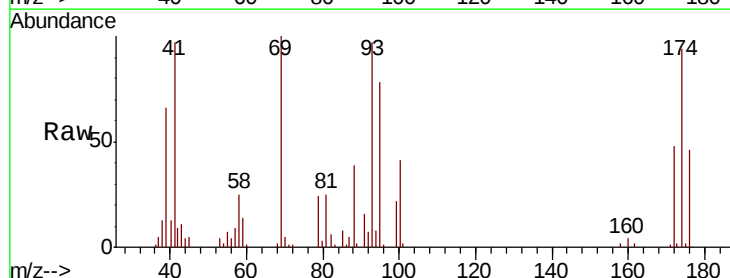
Instrument :
 MSVOA_N
 ClientSampled :
 ICVVN061620

Tot Ion: 63 Resp: 97876
 Ion Ratio Lower Upper
 63 100
 65 31.2 25.1 37.7



#46
 Dibromomethane
 Concen: 50.567 ug/l
 RT: 9.18 min Scan# 2302
 Delta R.T. 0.00 min
 Lab File: VN061837.D
 Acq: 16 Jun 2020 20:13

Tgt Ion: 93 Resp: 67981
 Ion Ratio Lower Upper
 93 100
 95 82.4 65.8 98.6
 174 98.5 78.5 117.7

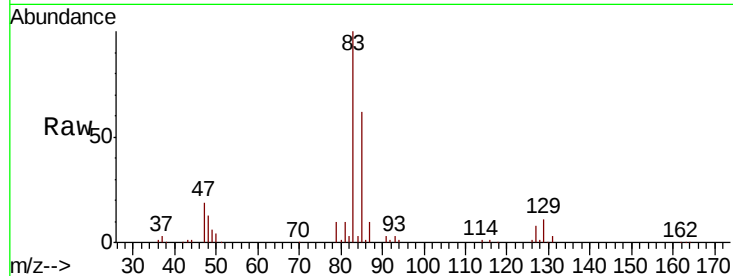




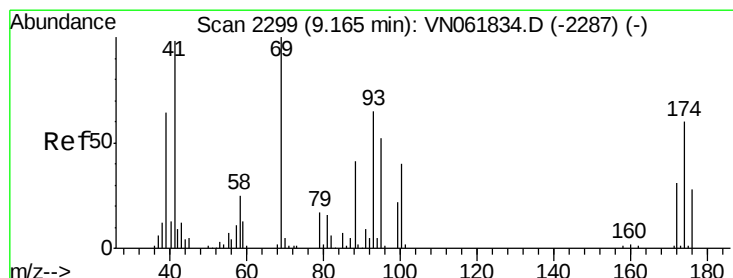
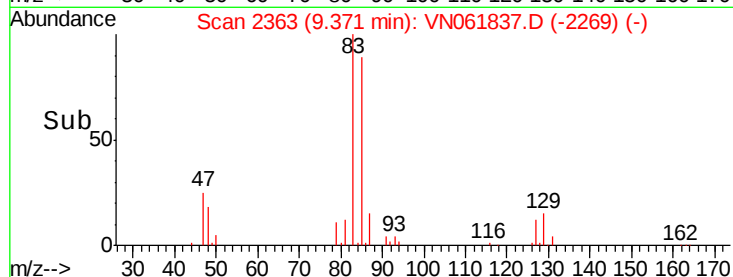
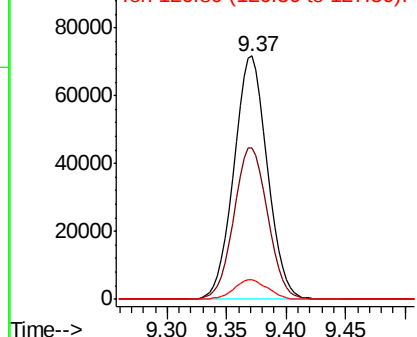
#47
Bromodichloromethane
Concen: 50.749 ug/l
RT: 9.37 min Scan# 2363
Delta R.T. 0.00 min
Lab File: VN061837.D
Acq: 16 Jun 2020 20:13

Instrument :
MSVOA_N
ClientSampleId :
ICVVN061620

Tot Ion: 83 Resp: 139704
Ion Ratio Lower Upper
83 100
85 62.4 50.8 76.2
127 8.2 7.0 10.4

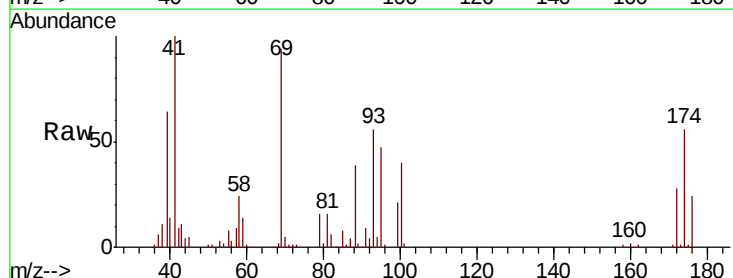


Abundance Ion 82.90 (82.60 to 83.60): VNO
Ion 84.90 (84.60 to 85.60): VNO
Ion 126.80 (126.50 to 127.50): VNO

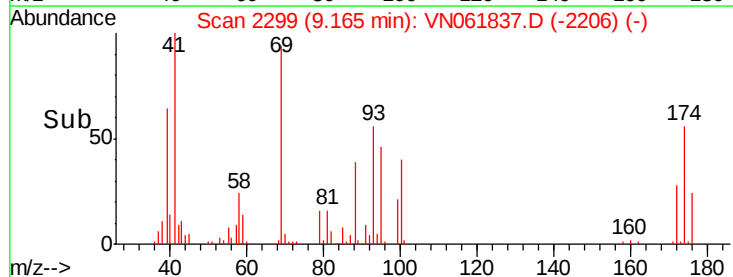
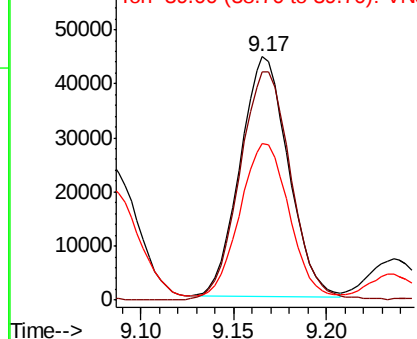


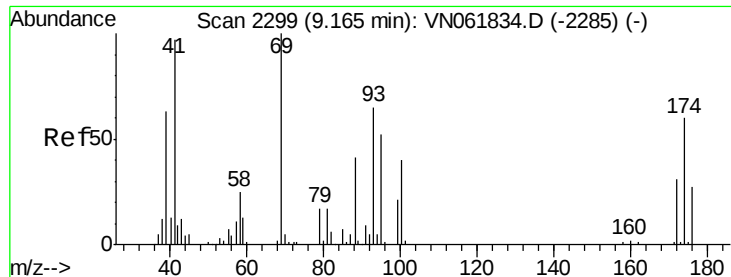
#48
Methyl methacrylate
Concen: 52.543 ug/l
RT: 9.17 min Scan# 2299
Delta R.T. 0.00 min
Lab File: VN061837.D
Acq: 16 Jun 2020 20:13

Tgt Ion: 41 Resp: 80643
Ion Ratio Lower Upper
41 100
69 101.2 83.0 124.4
39 68.0 55.1 82.7



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





#49

1,4-Dioxane

Concen: 1011.292 ug/l

RT: 9.17 min Scan# 2299

Delta R.T. 0.00 min

Lab File: VN061837.D

Acq: 16 Jun 2020 20:13

Instrument :

MSVOA_N

ClientSampleId :

ICVVN061620

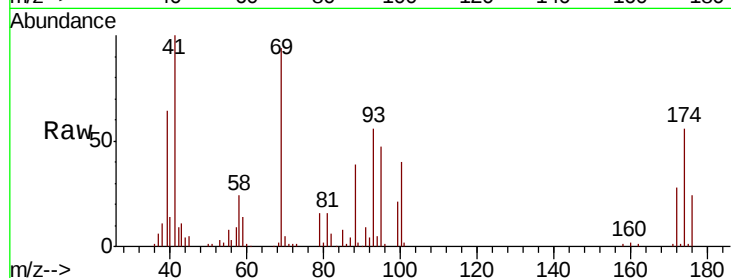
Tot Ion: 88 Resp: 35635

Ion Ratio Lower Upper

88 100

43 28.8 23.4 35.2

58 62.0 49.8 74.6

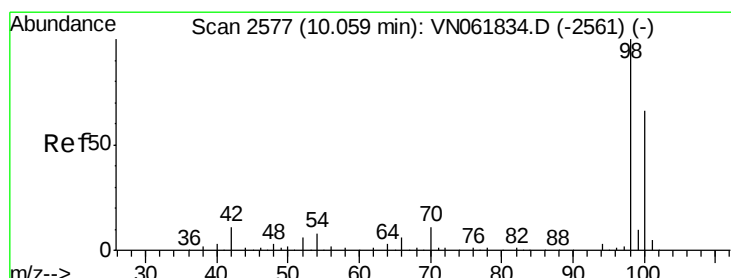
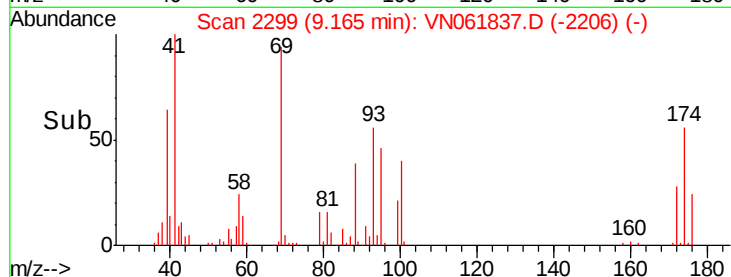
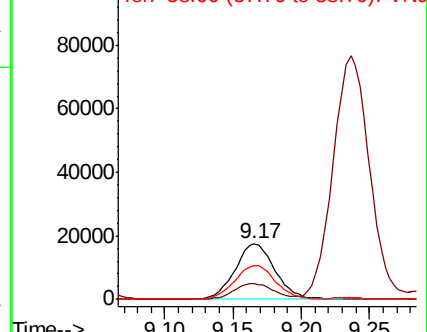


Abundance

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: 48.656 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. 0.00 min

Lab File: VN061837.D

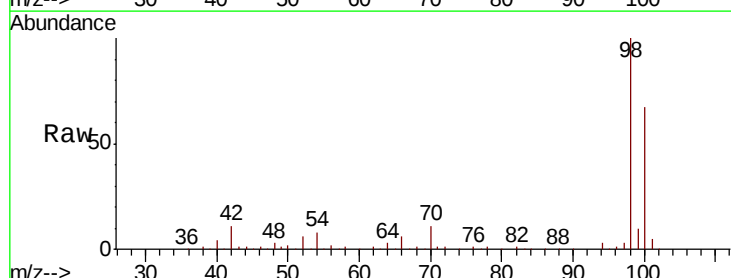
Acq: 16 Jun 2020 20:13

Tgt Ion: 98 Resp: 344076

Ion Ratio Lower Upper

98 100

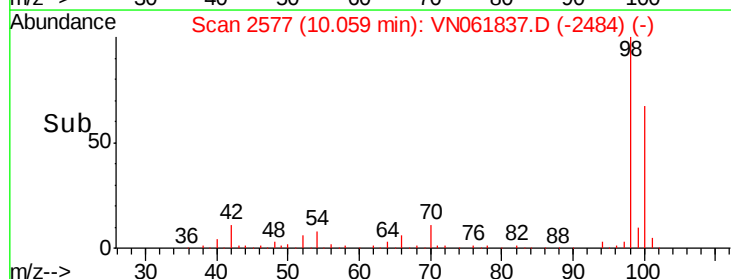
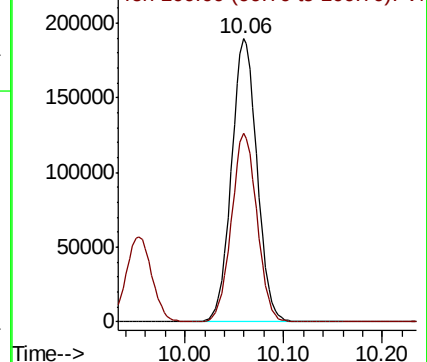
100 66.6 52.7 79.1

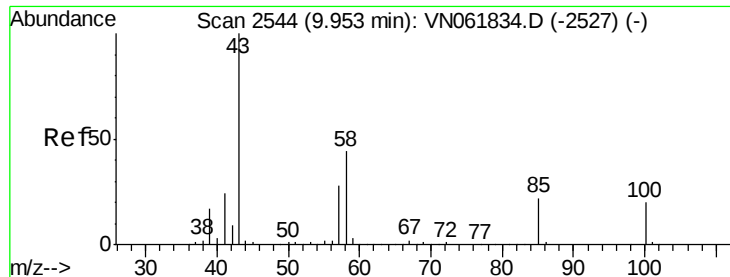


Abundance

Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#51

4-Methyl-2-Pentanone

Concen: 265.896 ug/l

RT: 9.95 min Scan# 2544

Delta R.T. 0.00 min

Lab File: VN061837.D

Acq: 16 Jun 2020 20:13

Instrument :

MSVOA_N

ClientSampleId :

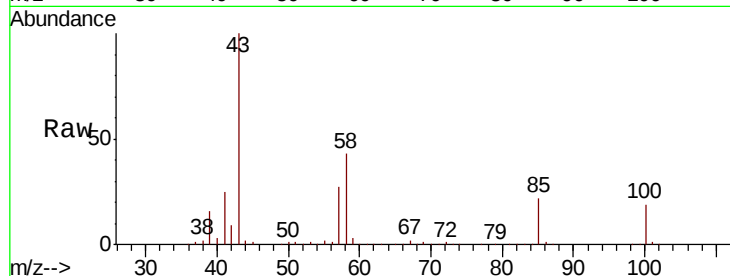
ICVVN061620

Tot Ion: 43 Resp: 530294

Ion Ratio Lower Upper

43 100

58 42.8 34.6 52.0



Abundance Ion 43.00 (42.70 to 43.70): VN061837.D (-2527) (-)

Ion 58.00 (57.70 to 58.70): VN061837.D (-2527) (-)

9.95

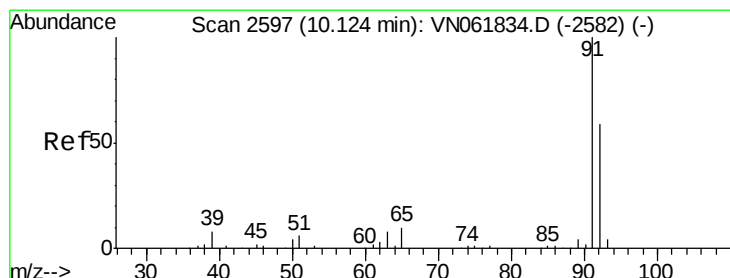
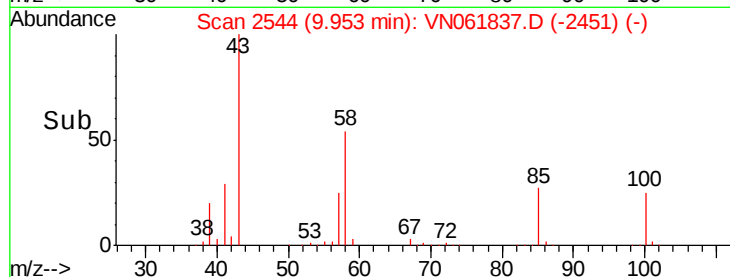
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 52.689 ug/l

RT: 10.12 min Scan# 2597

Delta R.T. 0.00 min

Lab File: VN061837.D

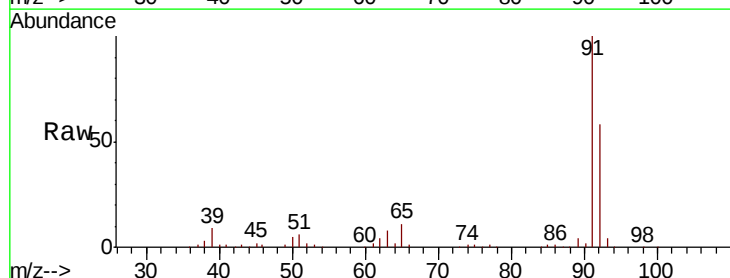
Acq: 16 Jun 2020 20:13

Tgt Ion: 92 Resp: 257063

Ion Ratio Lower Upper

92 100

91 173.0 137.1 205.7



Abundance Ion 92.00 (91.70 to 92.70): VN061837.D (-2504) (-)

Ion 91.00 (90.70 to 91.70): VN061837.D (-2504) (-)

10.12

250000

200000

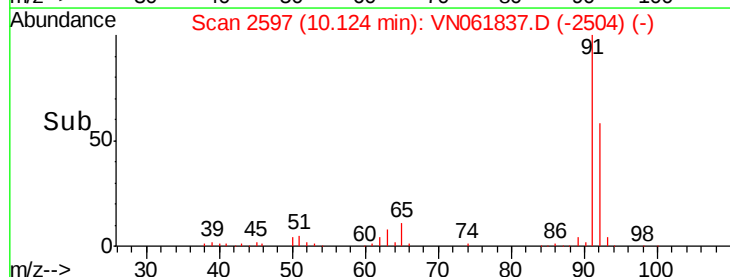
150000

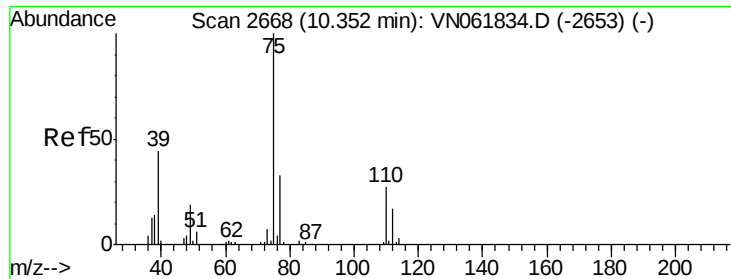
100000

50000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 52.993 ug/l

RT: 10.35 min Scan# 2668

Delta R.T. 0.00 min

Lab File: VN061837.D

Acq: 16 Jun 2020 20:13

Instrument :

MSVOA_N

ClientSampleId :

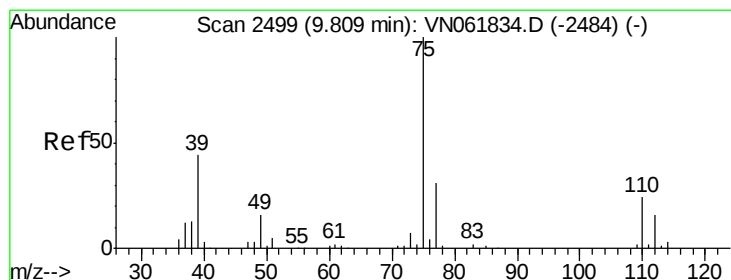
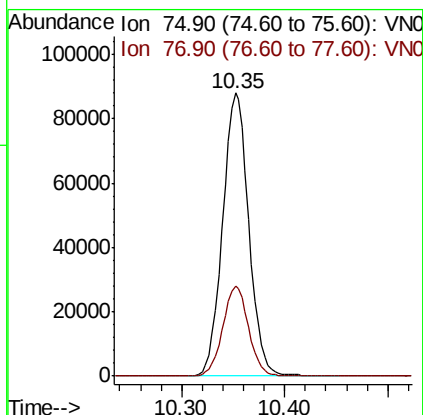
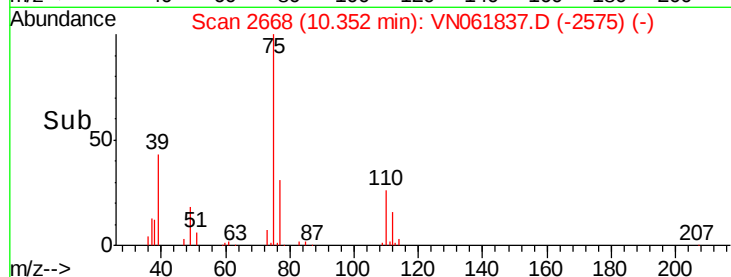
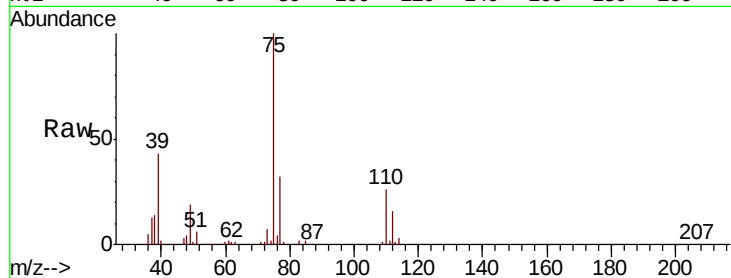
ICVVN061620

Tot Ion: 75 Resp: 154866

Ion Ratio Lower Upper

75 100

77 31.7 26.3 39.5



#54

cis-1,3-Dichloropropene

Concen: 52.039 ug/l

RT: 9.81 min Scan# 2499

Delta R.T. 0.00 min

Lab File: VN061837.D

Acq: 16 Jun 2020 20:13

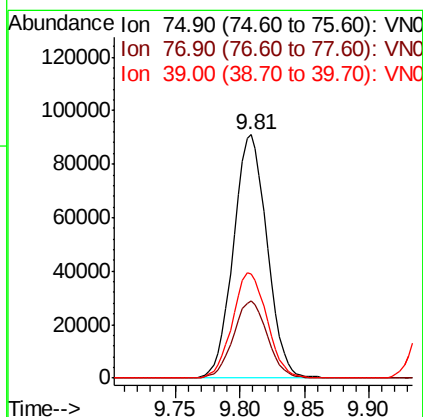
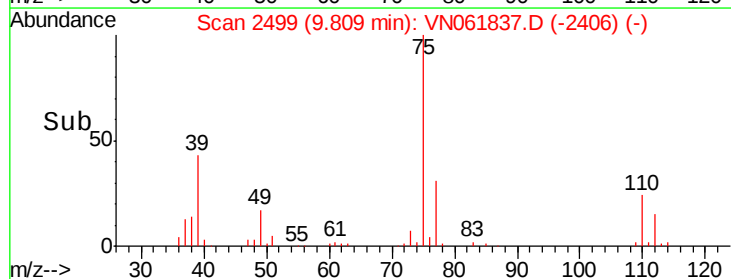
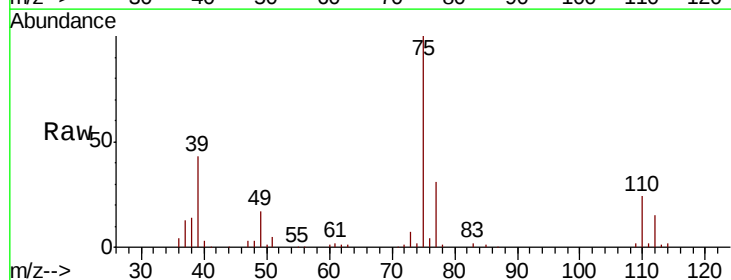
Tgt Ion: 75 Resp: 165180

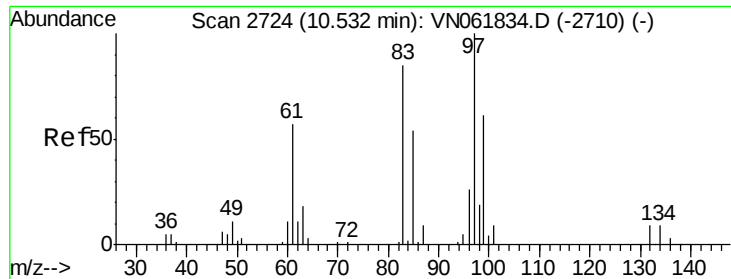
Ion Ratio Lower Upper

75 100

77 31.5 24.8 37.2

39 43.0 35.4 53.0

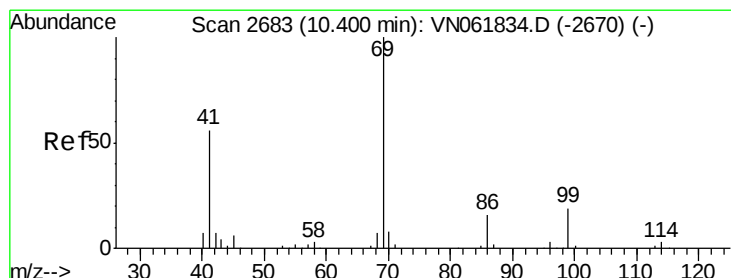
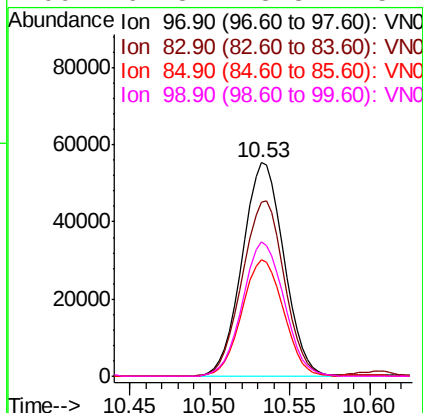
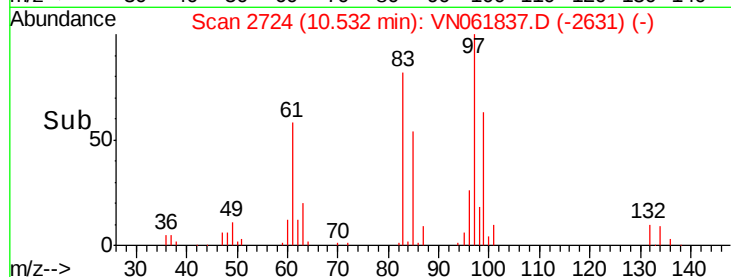
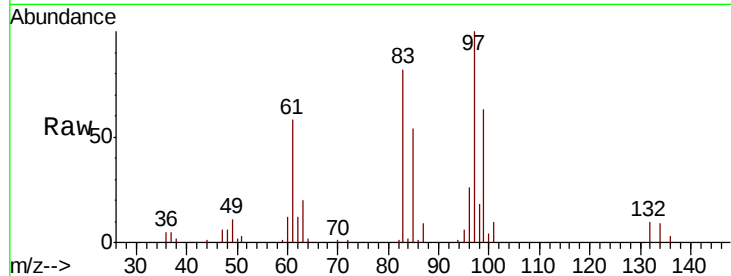




#55
 1,1,2-Trichloroethane
 Concen: 51.482 ug/l
 RT: 10.53 min Scan# 2724
 Delta R.T. 0.00 min
 Lab File: VN061837.D
 Acq: 16 Jun 2020 20:13

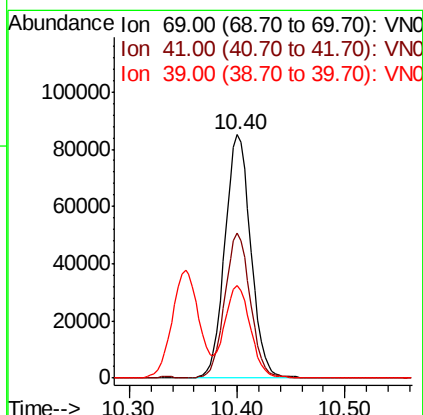
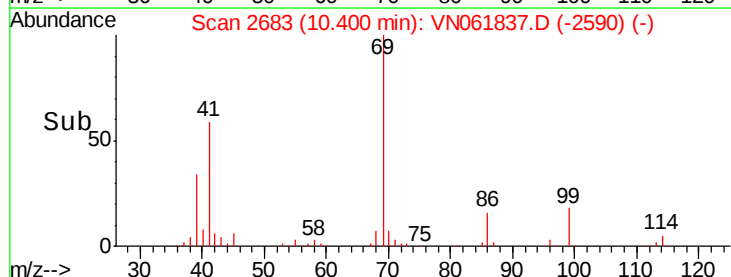
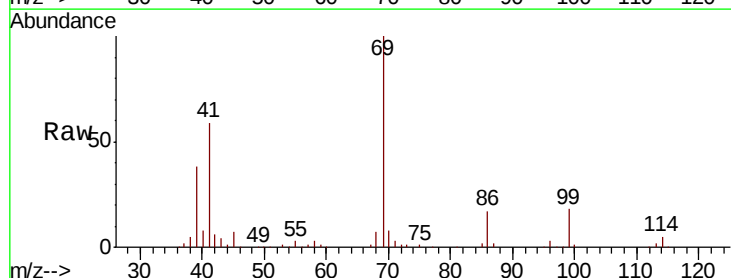
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN061620

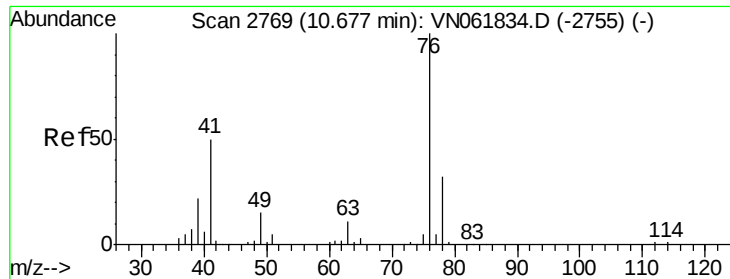
Tot Ion: 97 Resp: 98824
 Ion Ratio Lower Upper
 97 100
 83 81.6 67.7 101.5
 85 54.3 43.4 65.0
 99 62.8 48.8 73.2



#56
 Ethyl methacrylate
 Concen: 48.541 ug/l
 RT: 10.40 min Scan# 2683
 Delta R.T. 0.00 min
 Lab File: VN061837.D
 Acq: 16 Jun 2020 20:13

Tgt Ion: 69 Resp: 142065
 Ion Ratio Lower Upper
 69 100
 41 58.1 44.9 67.3
 39 37.5 30.0 45.0





#57

1,3-Dichloropropane

Concen: 51.571 ug/l

RT: 10.68 min Scan# 2770

Delta R.T. 0.00 min

Lab File: VN061837.D

Acq: 16 Jun 2020 20:13

Instrument :

MSVOA_N

ClientSampled :

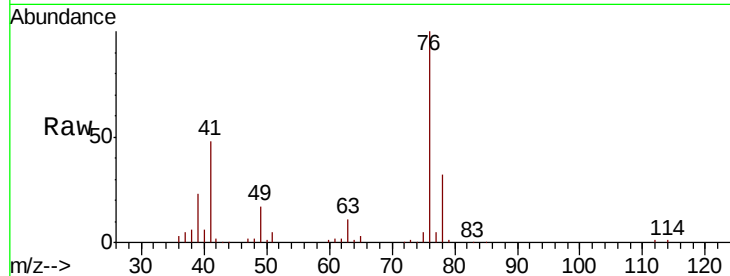
ICVVN061620

Tot Ion: 76 Resp: 167713

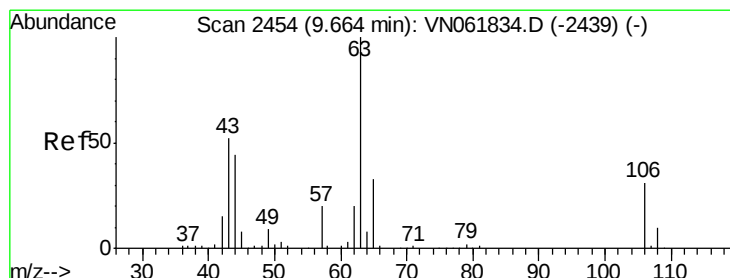
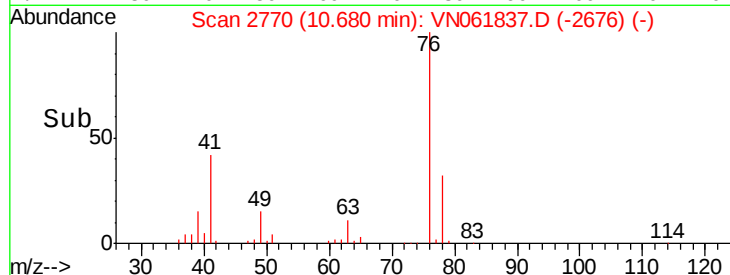
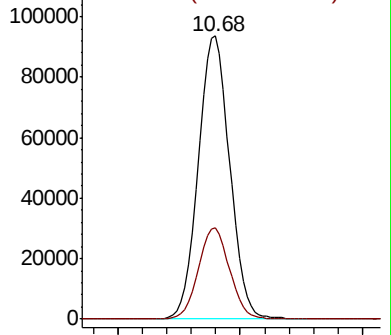
Ion Ratio Lower Upper

76 100

78 32.0 25.8 38.8



Abundance Ion 75.90 (75.60 to 76.60): VN061837.D (-2755) (-)



#58

2-Chloroethyl Vinyl ether

Concen: 264.652 ug/l

RT: 9.66 min Scan# 2454

Delta R.T. 0.00 min

Lab File: VN061837.D

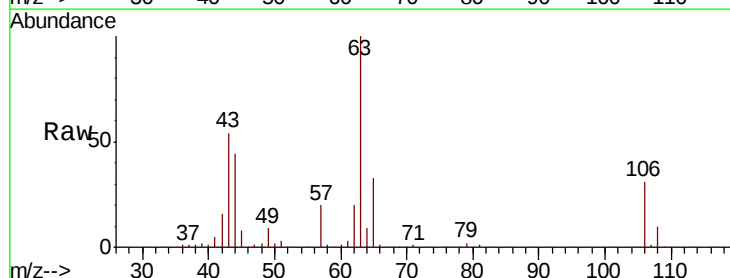
Acq: 16 Jun 2020 20:13

Tgt Ion: 63 Resp: 268117

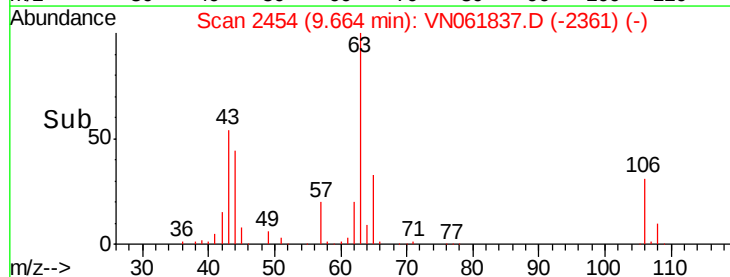
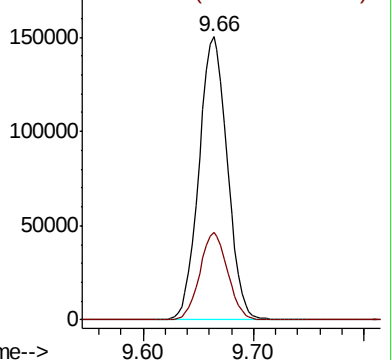
Ion Ratio Lower Upper

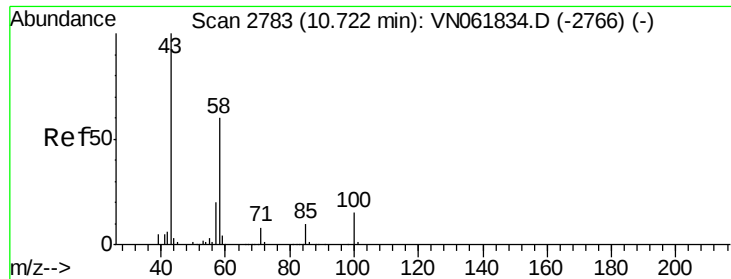
63 100

106 30.3 24.6 36.8



Abundance Ion 62.90 (62.60 to 63.60): VN061837.D (-2439) (-)

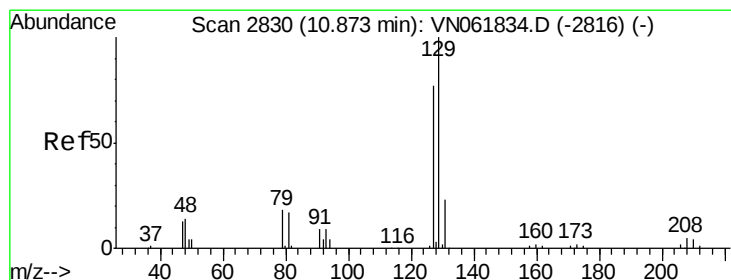
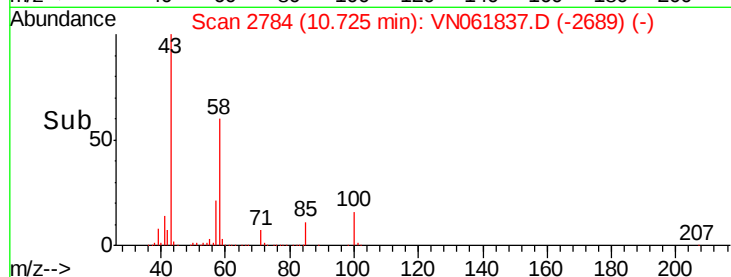
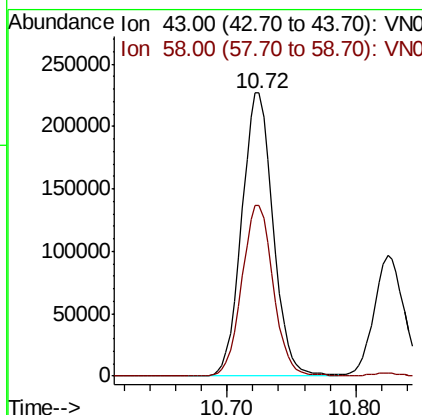
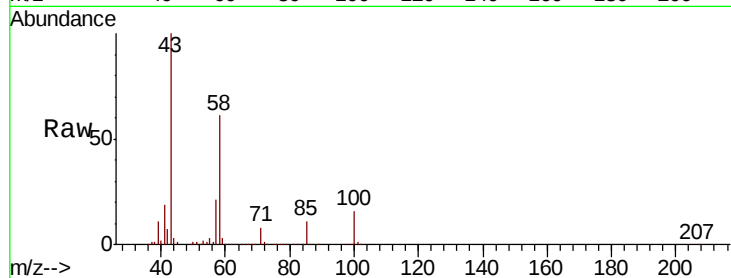




#59
2-Hexanone
Concen: 241.611 ug/l
RT: 10.72 min Scan# 2784
Delta R.T. 0.00 min
Lab File: VN061837.D
Acq: 16 Jun 2020 20:13

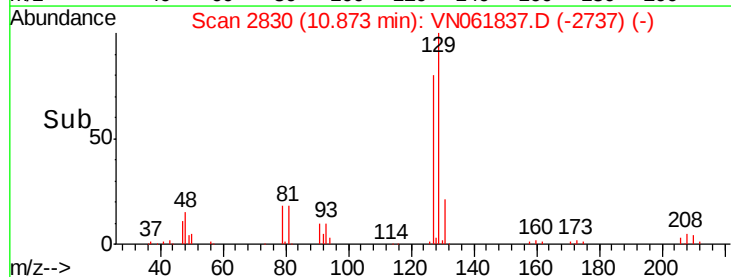
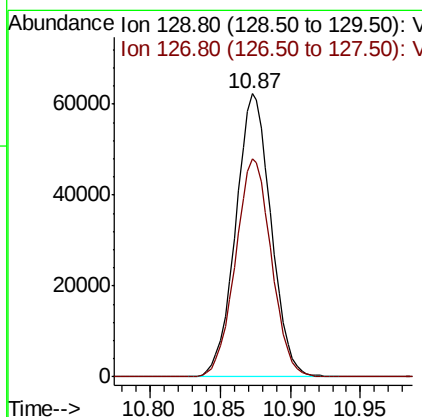
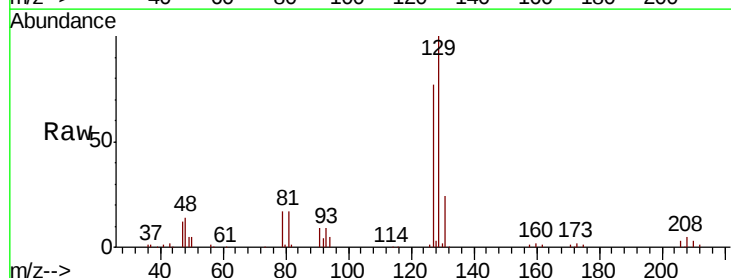
Instrument :
MSVOA_N
ClientSampleId :
ICVVN061620

Tot Ion: 43 Resp: 384207
Ion Ratio Lower Upper
43 100
58 60.5 30.1 90.5



#60
Dibromochloromethane
Concen: 51.067 ug/l
RT: 10.87 min Scan# 2830
Delta R.T. 0.00 min
Lab File: VN061837.D
Acq: 16 Jun 2020 20:13

Tgt Ion: 129 Resp: 109383
Ion Ratio Lower Upper
129 100
127 78.3 38.5 115.5

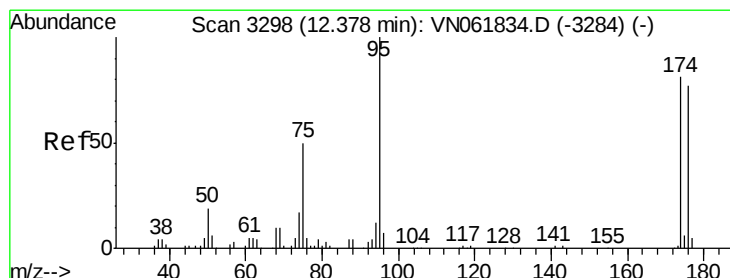
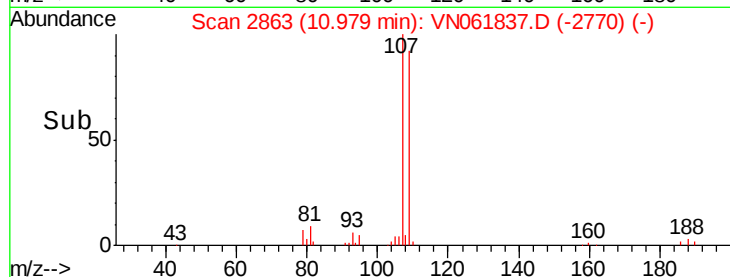
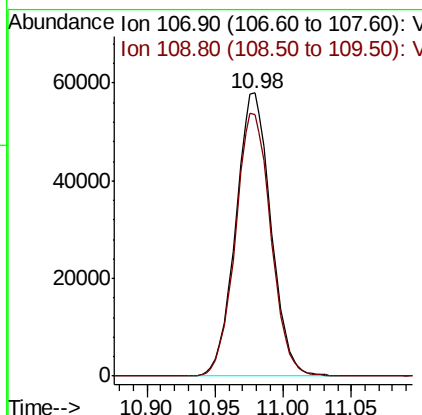
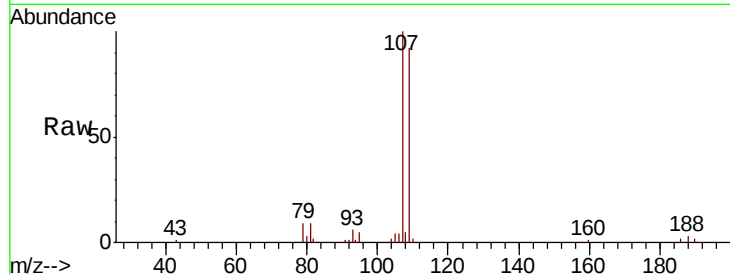




#61
 1,2-Dibromoethane
 Concen: 51.688 ug/l
 RT: 10.98 min Scan# 2863
 Delta R.T. 0.00 min
 Lab File: VN061837.D
 Acq: 16 Jun 2020 20:13

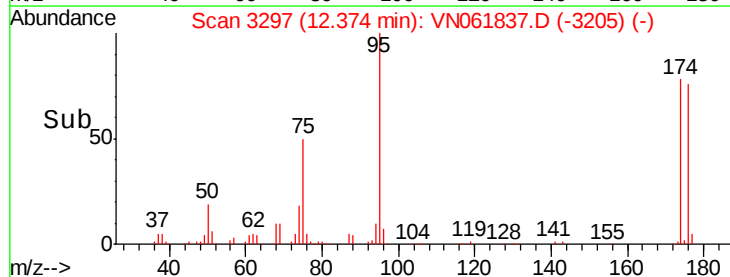
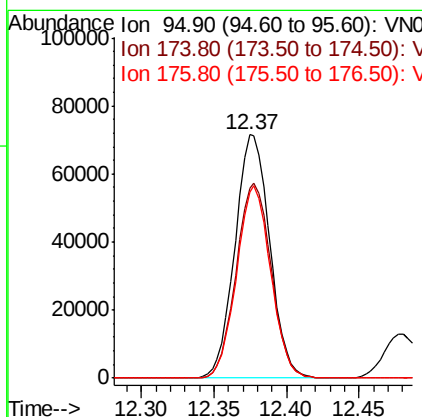
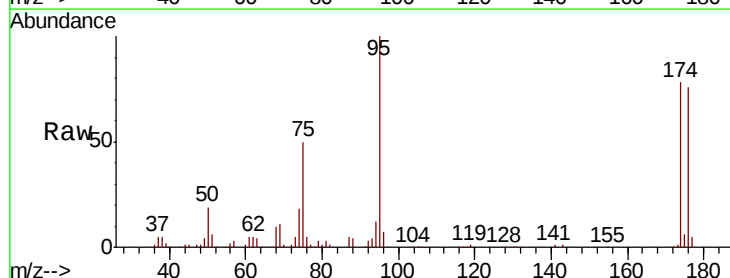
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN061620

Tot Ion: 107 Resp: 103606
 Ion Ratio Lower Upper
 107 100
 109 93.7 75.0 112.6



#62
 4-Bromofluorobenzene
 Concen: 49.201 ug/l
 RT: 12.37 min Scan# 3297
 Delta R.T. -0.00 min
 Lab File: VN061837.D
 Acq: 16 Jun 2020 20:13

Tgt Ion: 95 Resp: 119345
 Ion Ratio Lower Upper
 95 100
 174 80.7 0.0 158.6
 176 77.4 0.0 152.0

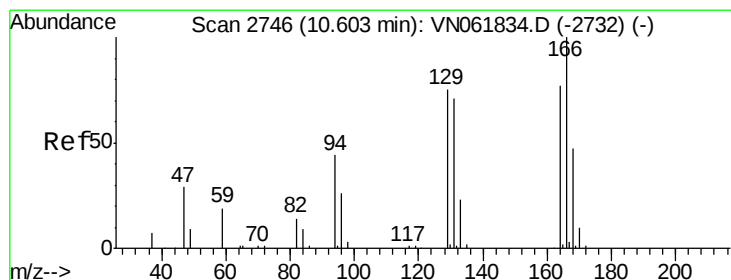
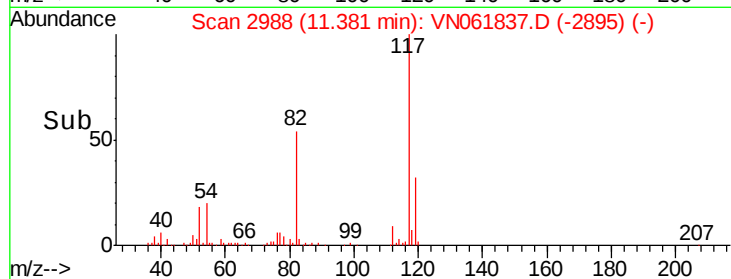
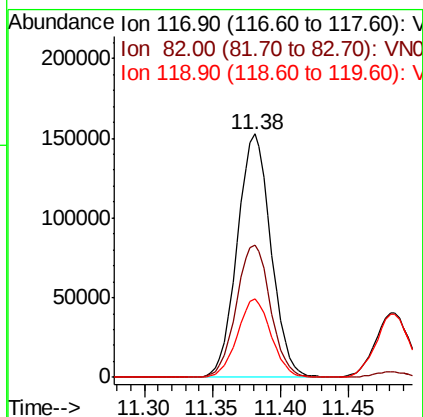
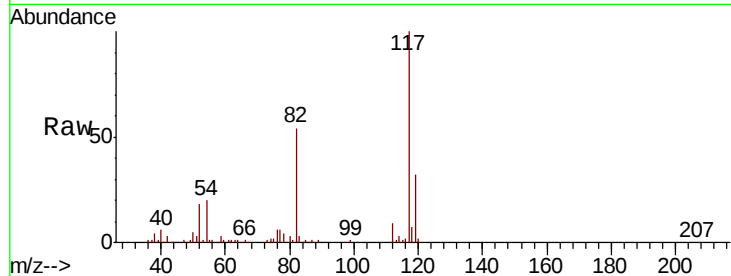




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. 0.00 min
Lab File: VN061837.D
Acq: 16 Jun 2020 20:13

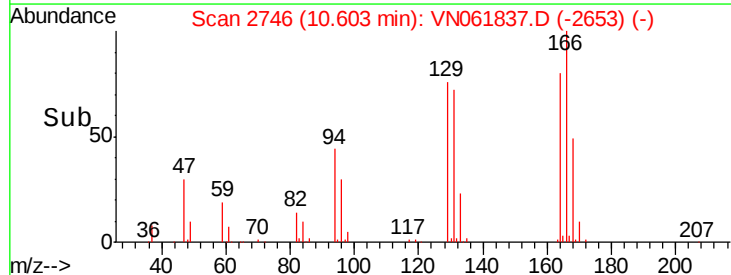
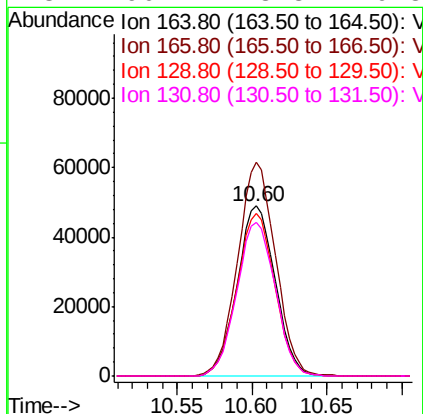
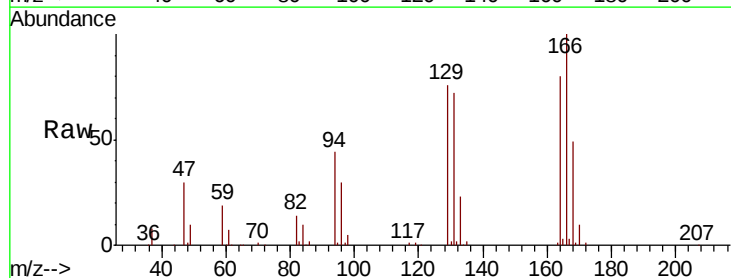
Instrument :
MSVOA_N
ClientSampleId :
ICVVN061620

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.5	42.6	64.0
119	32.1	24.7	37.1



#64
Tetrachloroethene
Concen: 52.062 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. 0.00 min
Lab File: VN061837.D
Acq: 16 Jun 2020 20:13

Tgt Ion	Ratio	Lower	Upper
164	100		
166	125.6	103.5	155.3
129	95.6	77.5	116.3
131	90.1	73.8	110.8

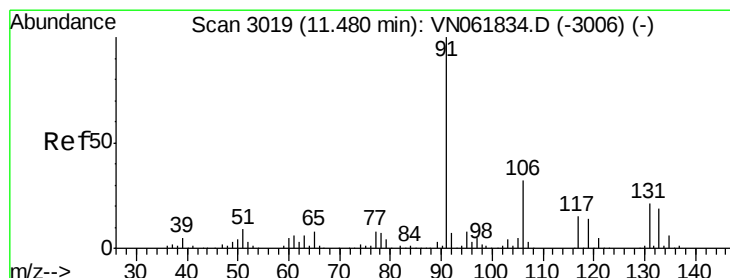
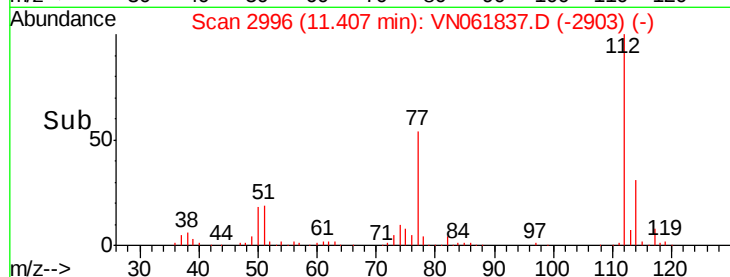
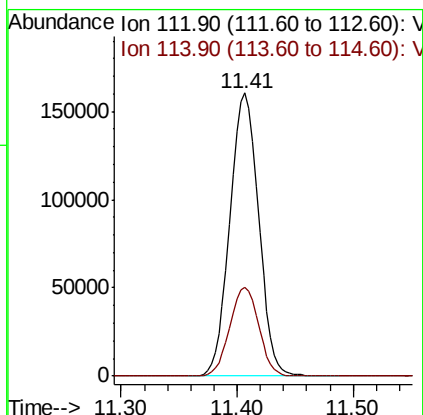
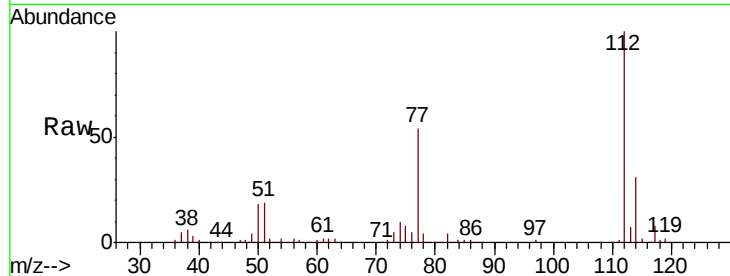




#65
Chlorobenzene
Concen: 49.696 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN061837.D
Acq: 16 Jun 2020 20:13

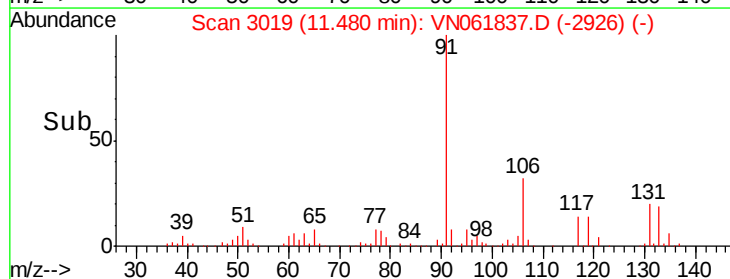
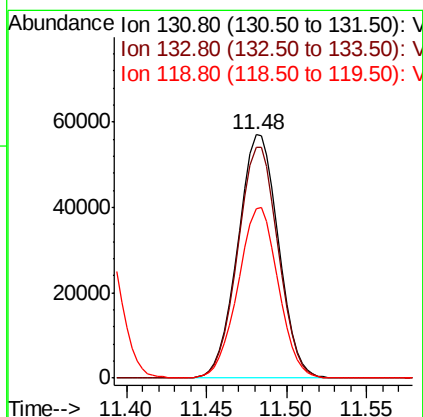
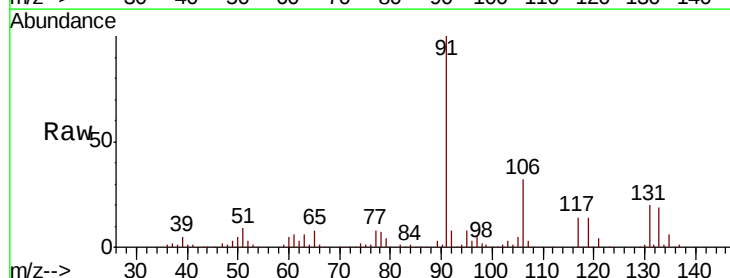
Instrument :
MSVOA_N
ClientSampleId :
ICVVN061620

Tot Ion:112 Resp: 274835
Ion Ratio Lower Upper
112 100
114 31.4 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 51.122 ug/l
RT: 11.48 min Scan# 3019
Delta R.T. 0.00 min
Lab File: VN061837.D
Acq: 16 Jun 2020 20:13

Tgt Ion:131 Resp: 98602
Ion Ratio Lower Upper
131 100
133 94.9 47.5 142.5
119 69.6 34.0 101.8

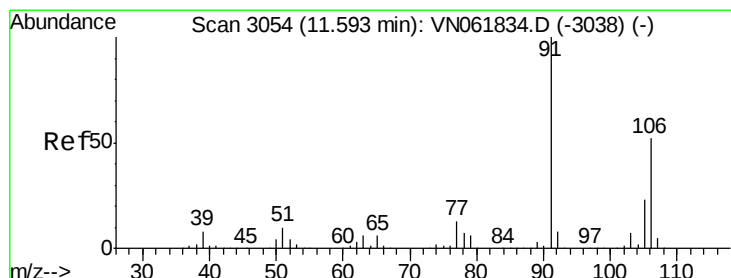
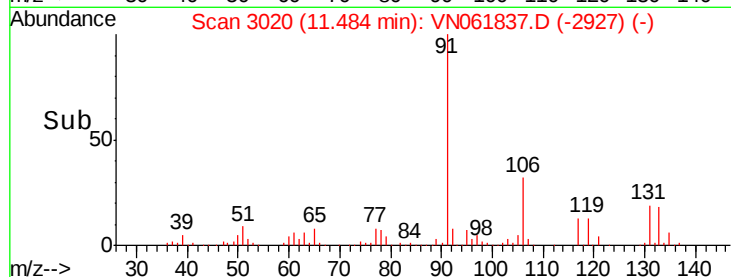
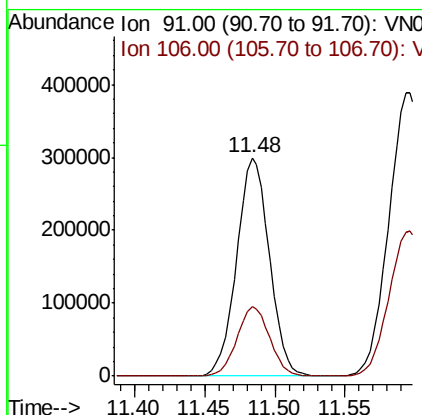
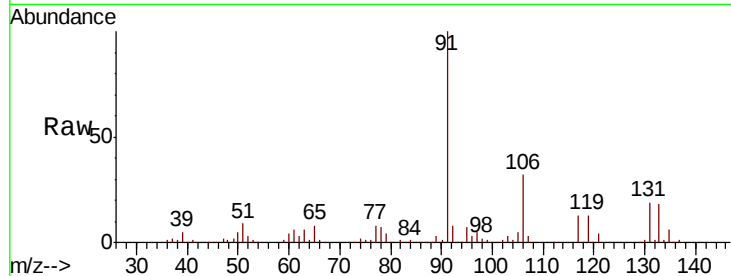




#67
Ethyl Benzene
Concen: 52.675 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. 0.00 min
Lab File: VN061837.D
Acq: 16 Jun 2020 20:13

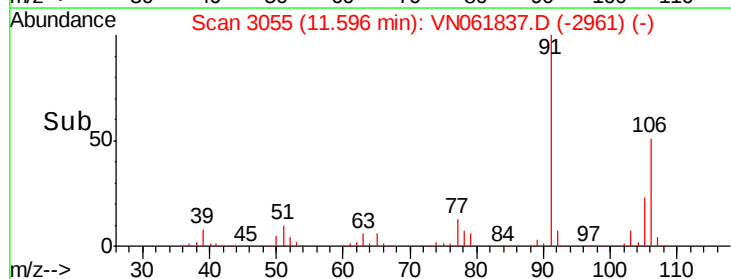
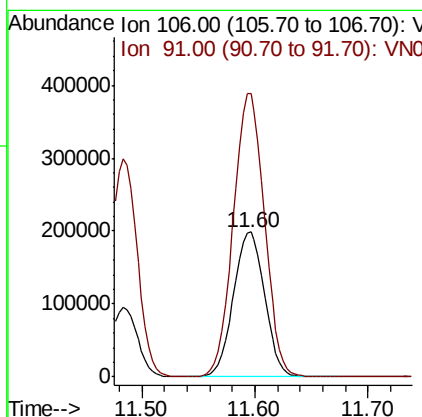
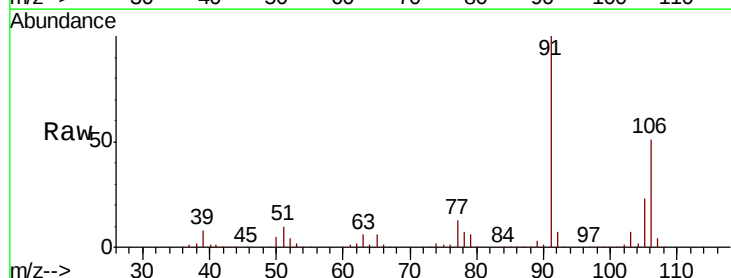
Instrument :
MSVOA_N
ClientSampled :
ICV061620

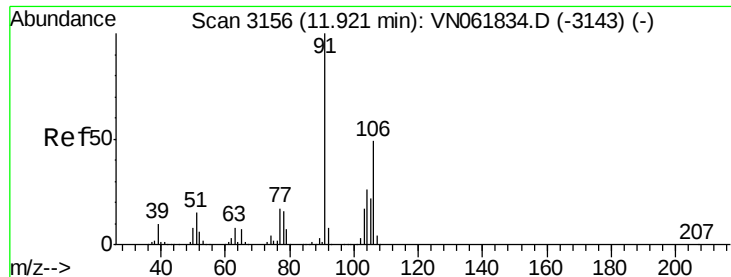
Tot Ion: 91 Resp: 488425
Ion Ratio Lower Upper
91 100
106 31.7 25.4 38.2



#68
m/p-Xylenes
Concen: 106.742 ug/l
RT: 11.60 min Scan# 3055
Delta R.T. 0.00 min
Lab File: VN061837.D
Acq: 16 Jun 2020 20:13

Tgt Ion: 106 Resp: 381646
Ion Ratio Lower Upper
106 100
91 195.2 157.0 235.6

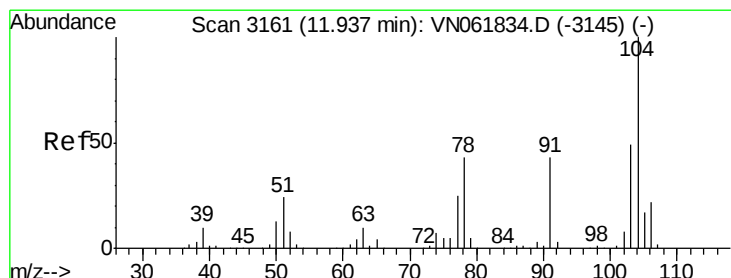
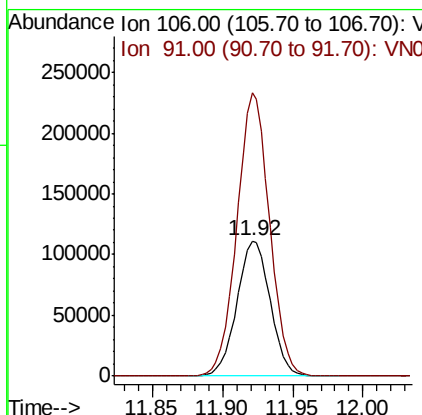
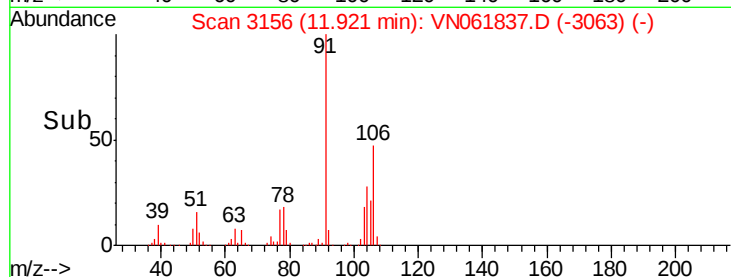
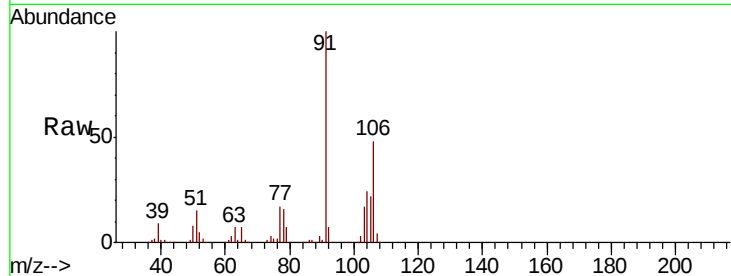




#69
o-Xylene
Concen: 53.718 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. 0.00 min
Lab File: VN061837.D
Acq: 16 Jun 2020 20:13

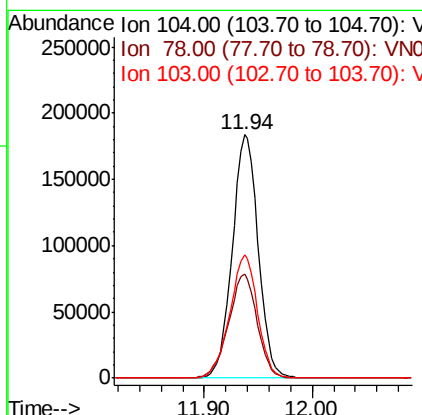
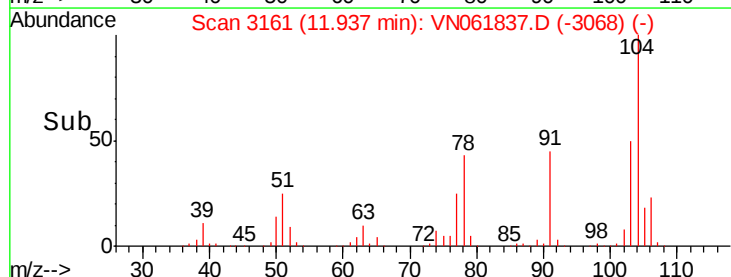
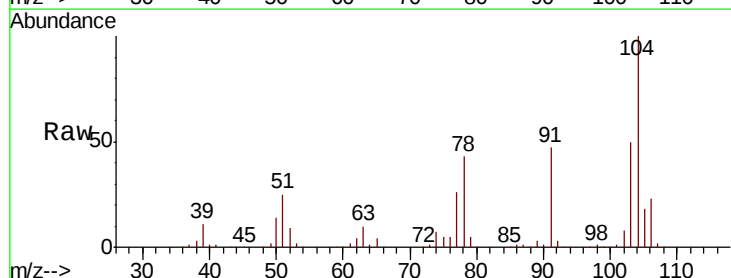
Instrument :
MSVOA_N
ClientSampleId :
ICV061620

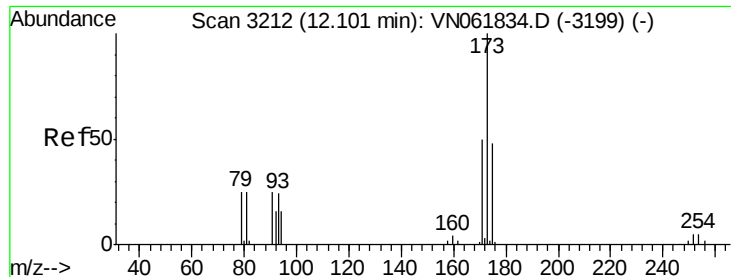
Tot Ion:106 Resp: 183258
Ion Ratio Lower Upper
106 100
91 205.9 103.0 308.9



#70
Styrene
Concen: 54.007 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. 0.00 min
Lab File: VN061837.D
Acq: 16 Jun 2020 20:13

Tgt Ion:104 Resp: 308498
Ion Ratio Lower Upper
104 100
78 47.1 37.6 56.4
103 54.1 43.0 64.4





#71

Bromoform

Concen: 53.853 ug/l

RT: 12.10 min Scan# 3212

Delta R.T. 0.00 min

Lab File: VN061837.D

Acq: 16 Jun 2020 20:13

Instrument :

MSVOA_N

ClientSampleId :

ICVVN061620

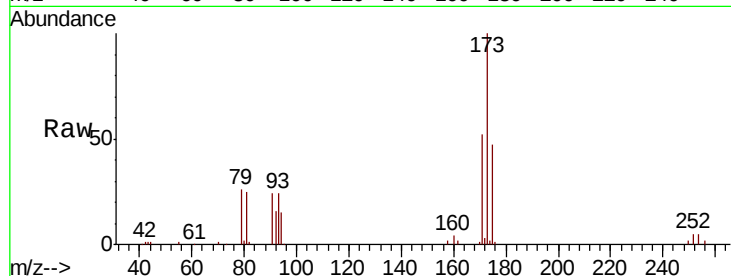
Tot Ion:173 Resp: 75737

Ion Ratio Lower Upper

173 100

175 48.2 23.9 71.7

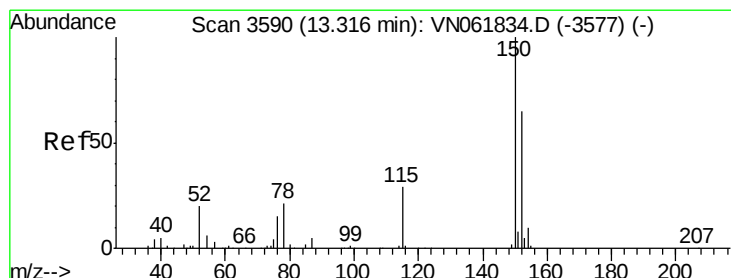
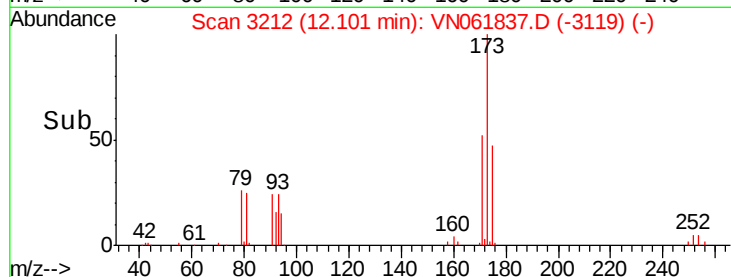
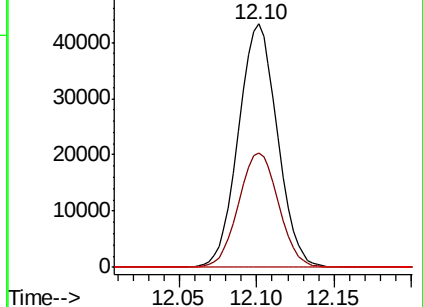
254 0.0 0.0 0.0



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# 3591

Delta R.T. 0.00 min

Lab File: VN061837.D

Acq: 16 Jun 2020 20:13

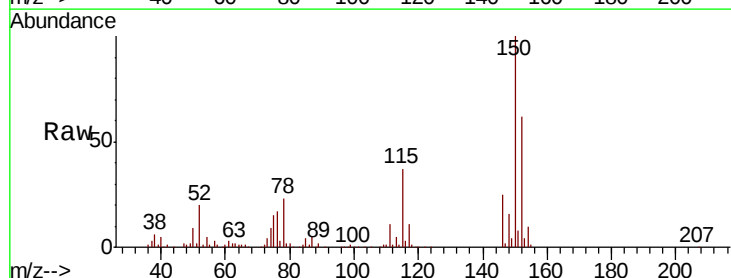
Tgt Ion:152 Resp: 129772

Ion Ratio Lower Upper

152 100

115 58.2 29.1 87.3

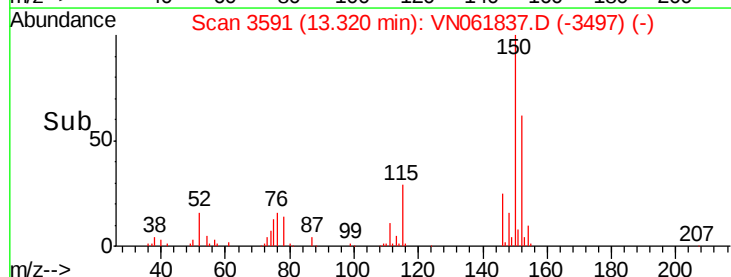
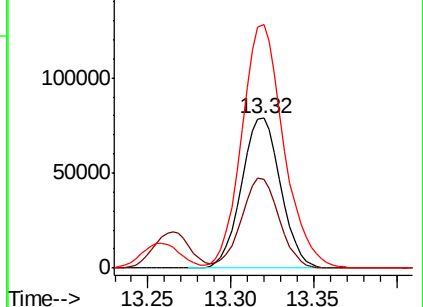
150 172.6 0.0 347.6

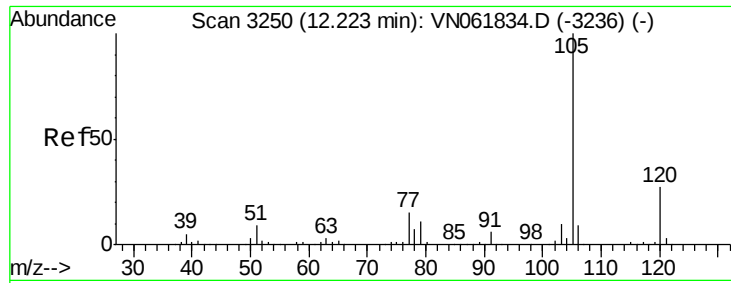


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 51.925 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. 0.00 min

Lab File: VN061837.D

Acq: 16 Jun 2020 20:13

Instrument :

MSVOA_N

ClientSampleId :

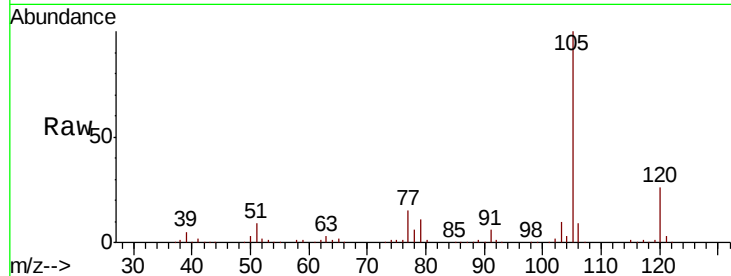
ICV061620

Tot Ion:105 Resp: 478840

Ion Ratio Lower Upper

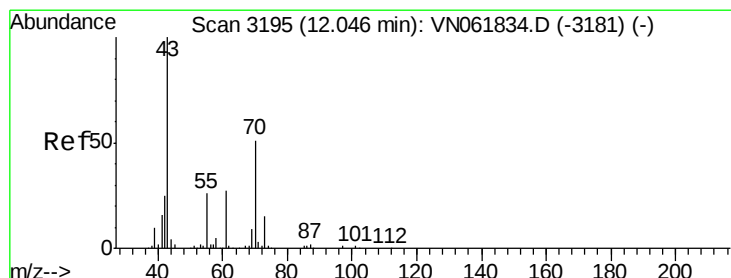
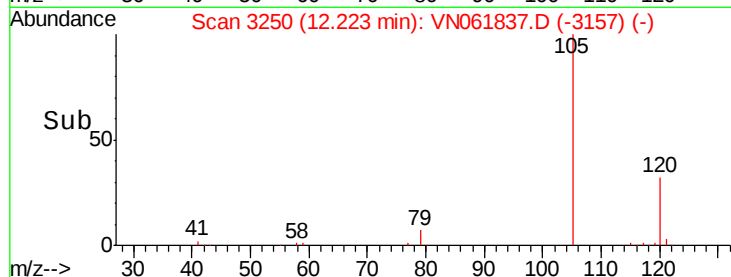
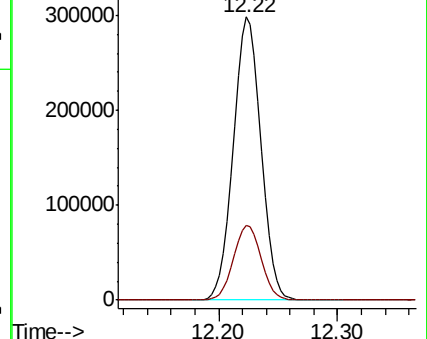
105 100

120 26.4 13.3 39.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 48.950 ug/l

RT: 12.05 min Scan# 3195

Delta R.T. 0.00 min

Lab File: VN061837.D

Acq: 16 Jun 2020 20:13

Tgt Ion: 43 Resp: 163245

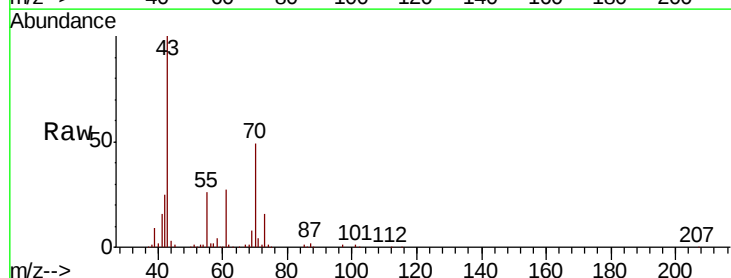
Ion Ratio Lower Upper

43 100

70 49.2 40.6 60.8

55 26.1 21.5 32.3

61 26.5 21.6 32.4

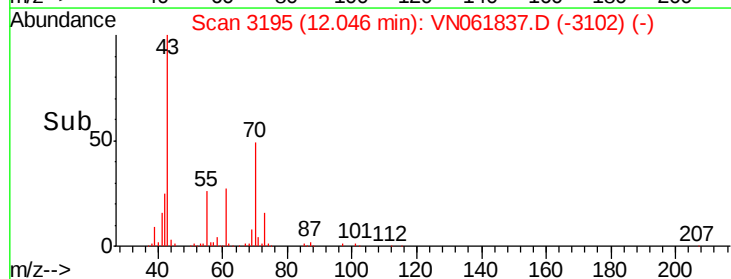
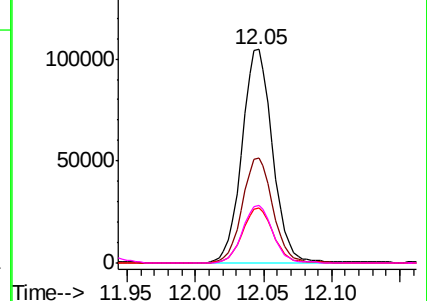


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0





#75

1,1,2,2-Tetrachloroethane

Concen: 48.504 ug/l

RT: 12.48 min Scan# 3330

Delta R.T. 0.00 min

Lab File: VN061837.D

Acq: 16 Jun 2020 20:13

Instrument :

MSVOA_N

ClientSampled :

ICVVN061620

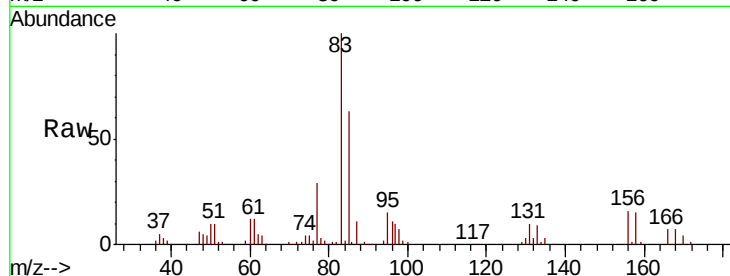
Tot Ion: 83 Resp: 145426

Ion Ratio Lower Upper

83 100

131 9.9 5.0 15.0

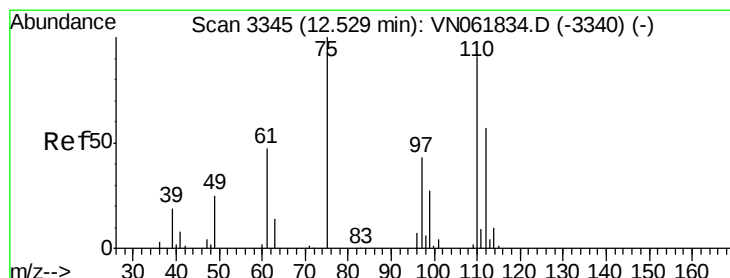
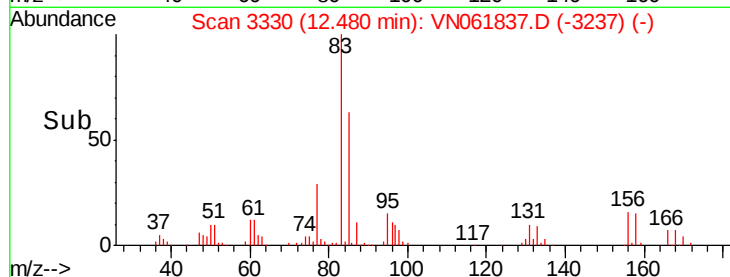
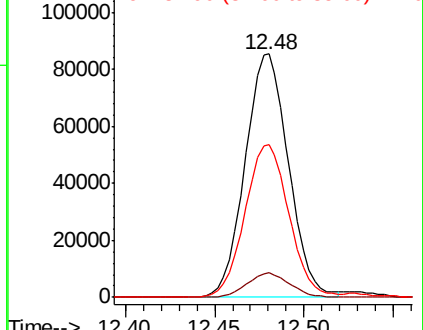
85 63.5 32.4 97.2



Abundance Ion 82.90 (82.60 to 83.60): VN061837.D (-3316) (-)

Ion 130.80 (130.50 to 131.50): VN061837.D (-3316) (-)

Ion 84.90 (84.60 to 85.60): VN061837.D (-3316) (-)



#76

1,2,3-Trichloropropane

Concen: 70.705 ug/l

RT: 12.53 min Scan# 3345

Delta R.T. 0.00 min

Lab File: VN061837.D

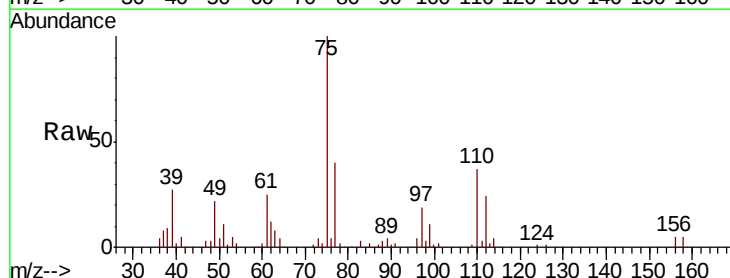
Acq: 16 Jun 2020 20:13

Tgt Ion: 75 Resp: 180139

Ion Ratio Lower Upper

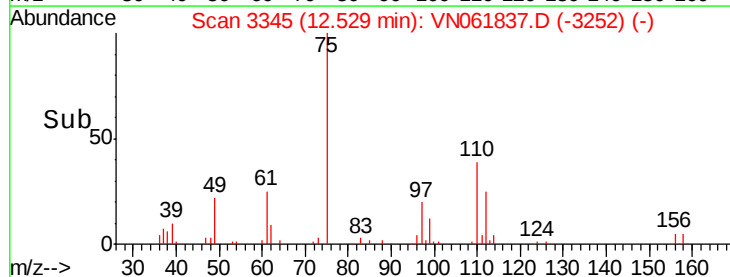
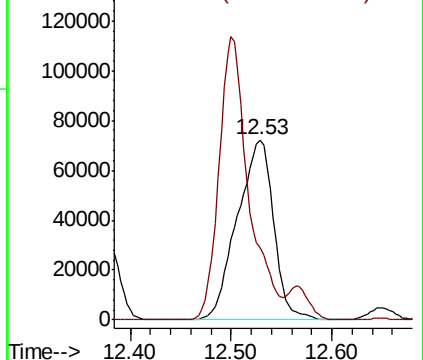
75 100

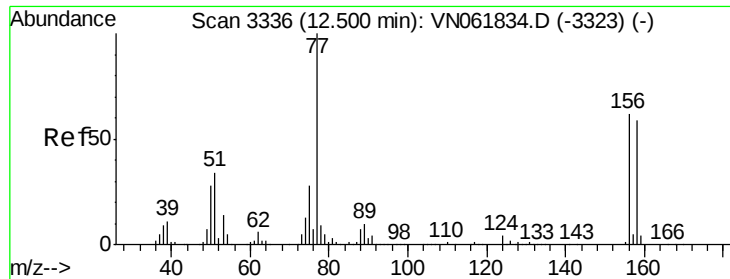
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN061837.D (-3340) (-)

Ion 77.00 (76.70 to 77.70): VN061837.D (-3340) (-)





#77

Bromobenzene

Concen: 49.460 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. 0.00 min

Lab File: VN061837.D

Acq: 16 Jun 2020 20:13

Instrument :

MSVOA_N

ClientSampleId :

ICVVN061620

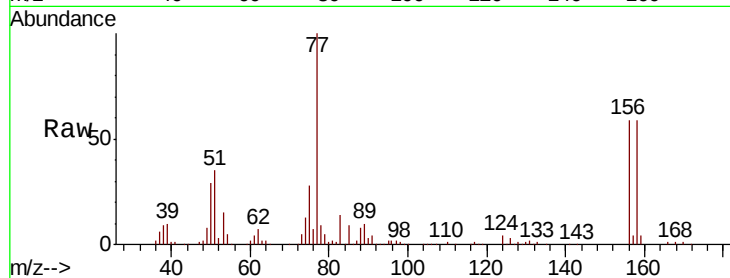
Tot Ion:156 Resp: 115069

Ion Ratio Lower Upper

156 100

77 202.8 100.7 302.1

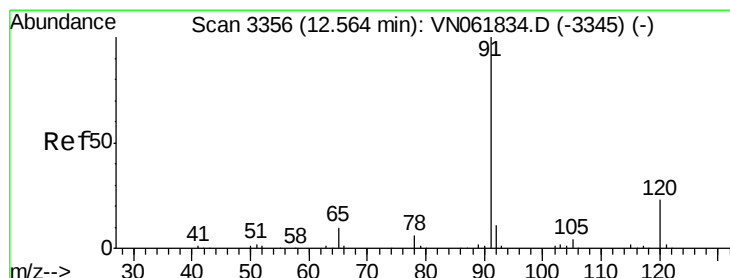
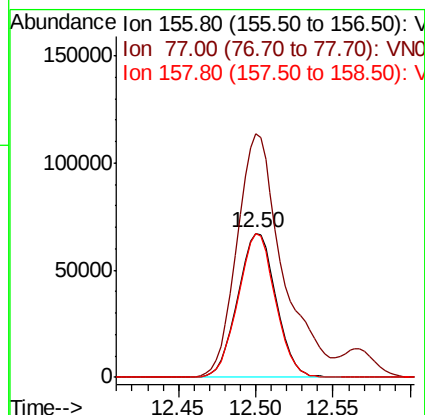
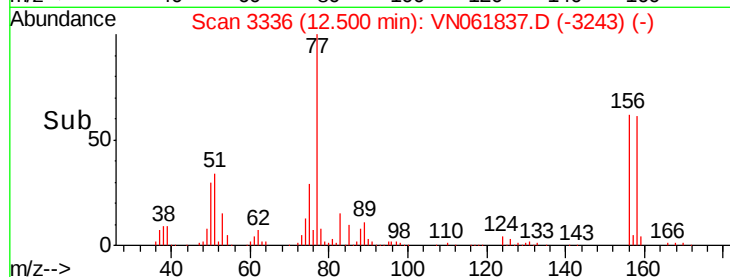
158 97.9 48.5 145.5



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 51.720 ug/l

RT: 12.57 min Scan# 3357

Delta R.T. 0.00 min

Lab File: VN061837.D

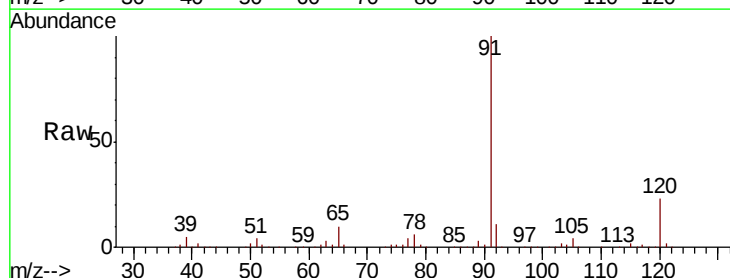
Acq: 16 Jun 2020 20:13

Tgt Ion: 91 Resp: 544223

Ion Ratio Lower Upper

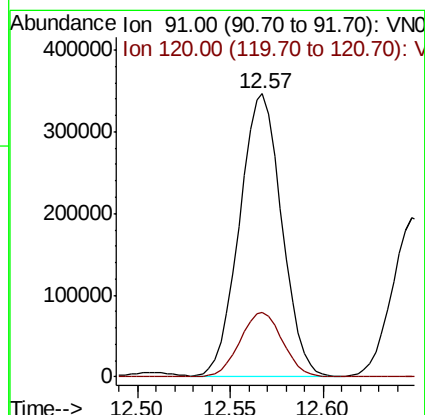
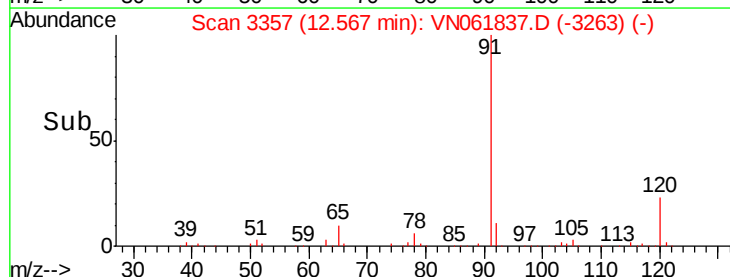
91 100

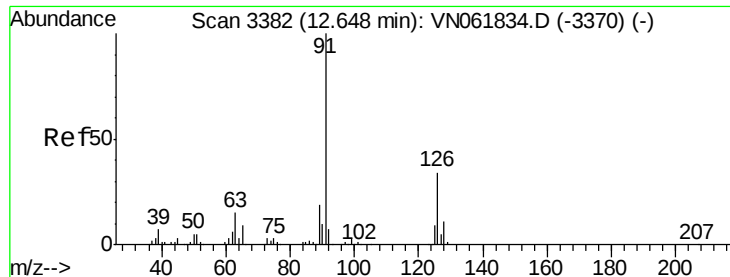
120 23.2 11.6 34.8



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

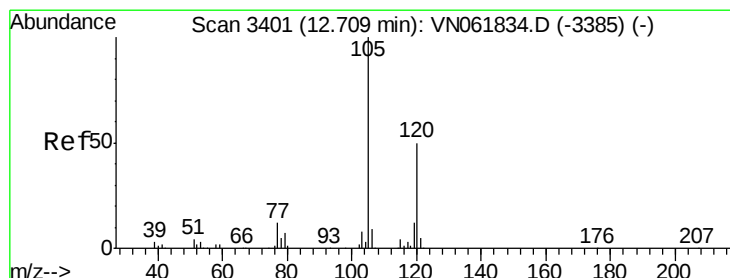
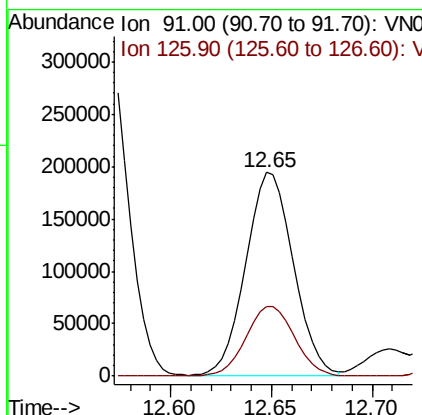
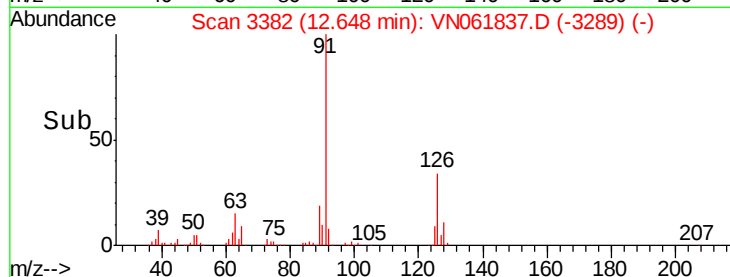
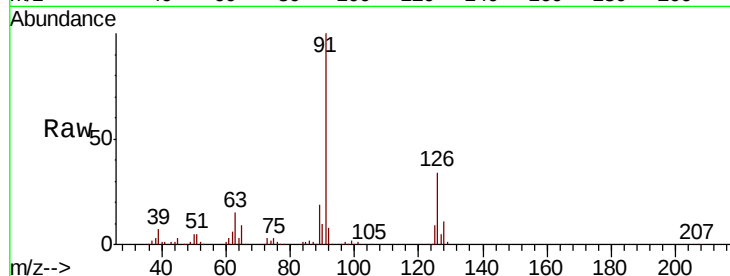




#79
 2-Chlorotoluene
 Concen: 50.609 ug/l
 RT: 12.65 min Scan# 3382
 Delta R.T. 0.00 min
 Lab File: VN061837.D
 Acq: 16 Jun 2020 20:13

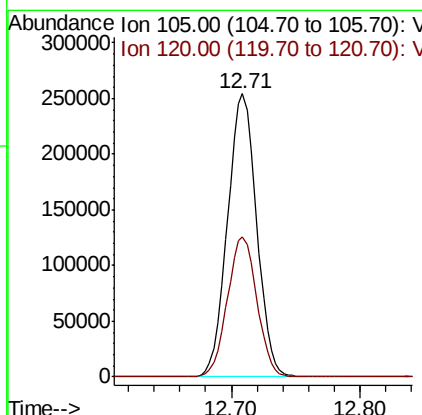
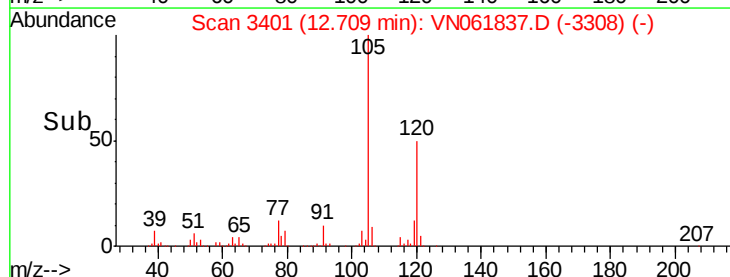
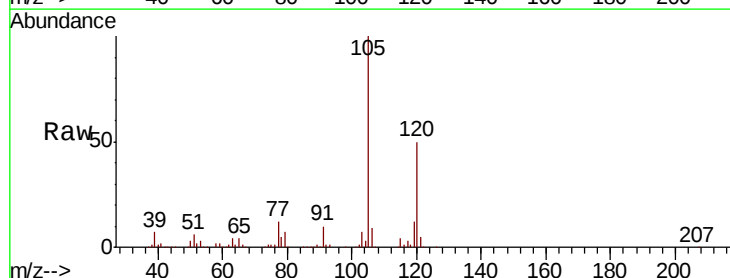
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN061620

Tot Ion: 91 Resp: 319833
 Ion Ratio Lower Upper
 91 100
 126 35.3 17.3 51.7



#80
 1,3,5-Trimethylbenzene
 Concen: 52.024 ug/l
 RT: 12.71 min Scan# 3401
 Delta R.T. 0.00 min
 Lab File: VN061837.D
 Acq: 16 Jun 2020 20:13

Tgt Ion: 105 Resp: 396909
 Ion Ratio Lower Upper
 105 100
 120 50.3 24.9 74.7





#81

trans-1,4-Dichloro-2-butene

Concen: 51.221 ug/l

RT: 12.27 min Scan# 3266

Delta R.T. 0.00 min

Lab File: VN061837.D

Acq: 16 Jun 2020 20:13

Instrument :

MSVOA_N

ClientSampleId :

ICVVN061620

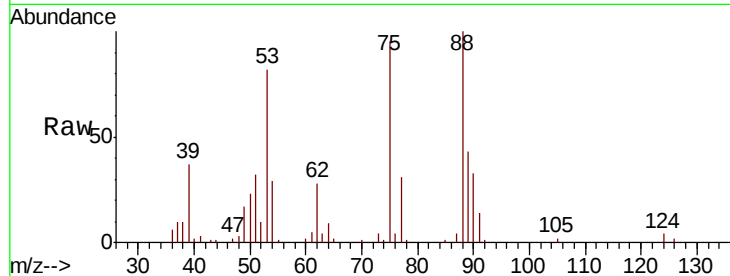
Tot Ion: 75 Resp: 47847

Ion Ratio Lower Upper

75 100

53 88.5 70.4 105.6

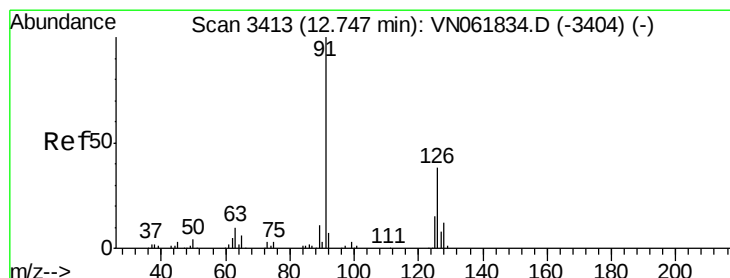
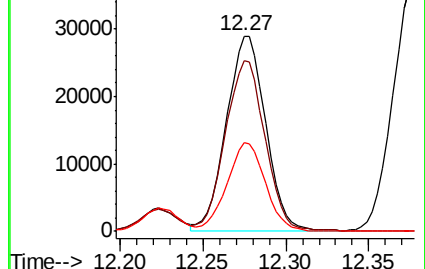
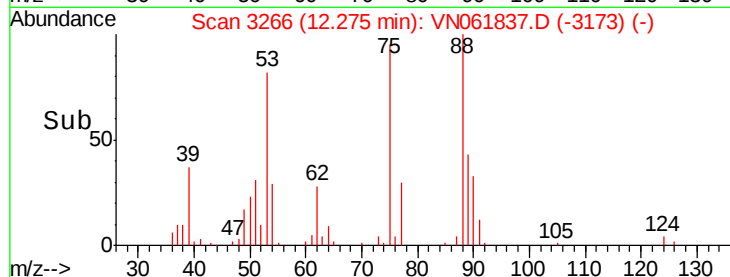
89 44.1 36.0 54.0



Abundance Ion 74.90 (74.60 to 75.60): VN061837.D (-3173) (-)

Ion 53.00 (52.70 to 53.70): VN061837.D (-3173) (-)

Ion 88.90 (88.60 to 89.60): VN061837.D (-3173) (-)



#82

4-Chlorotoluene

Concen: 51.067 ug/l

RT: 12.75 min Scan# 3413

Delta R.T. 0.00 min

Lab File: VN061837.D

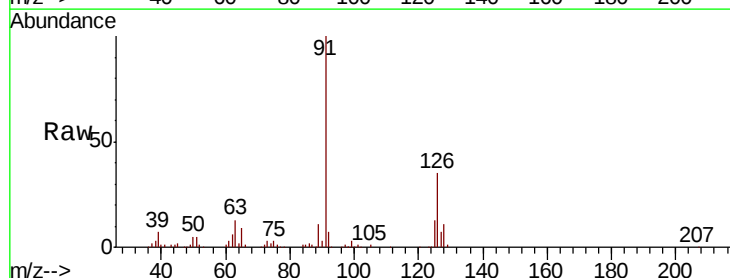
Acq: 16 Jun 2020 20:13

Tgt Ion: 91 Resp: 333474

Ion Ratio Lower Upper

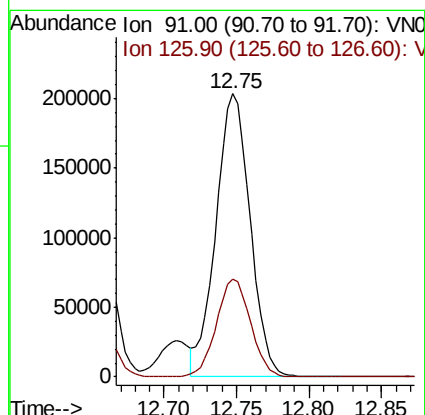
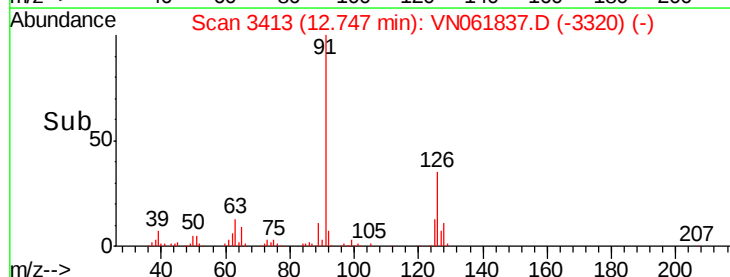
91 100

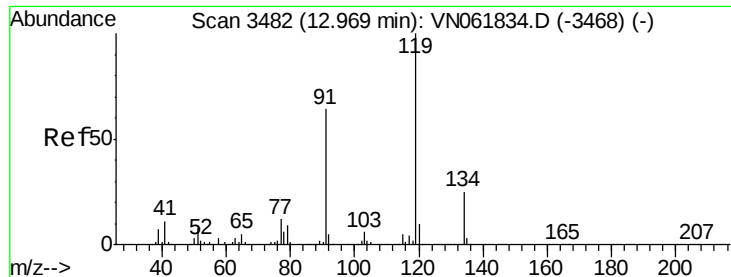
126 34.6 17.2 51.6



Abundance Ion 91.00 (90.70 to 91.70): VN061837.D (-3320) (-)

Ion 125.90 (125.60 to 126.60): VN061837.D (-3320) (-)

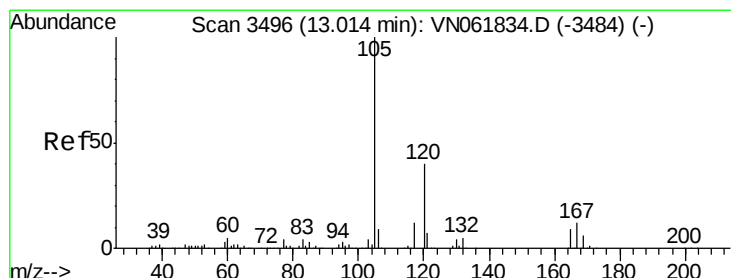
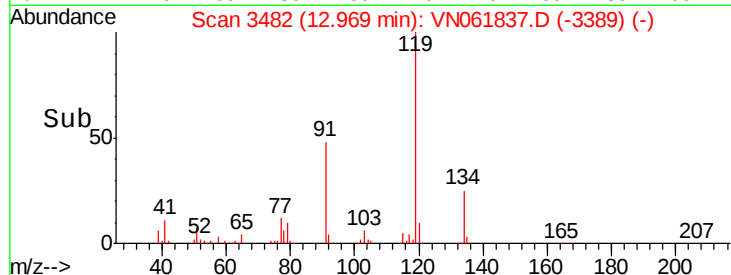
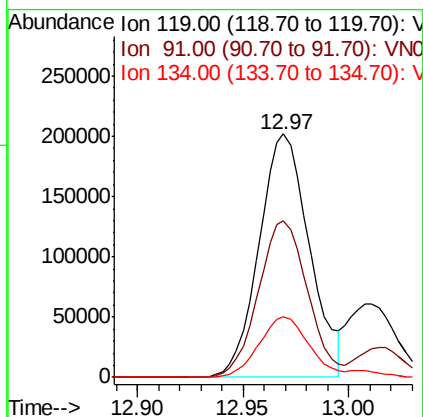
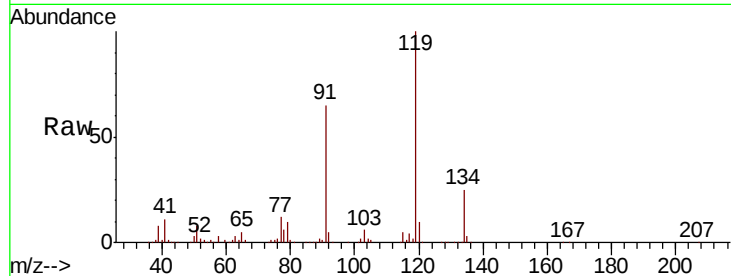




#83
tert-Butylbenzene
Concen: 51.837 ug/l
RT: 12.97 min Scan# 3482
Delta R.T. 0.00 min
Lab File: VN061837.D
Acq: 16 Jun 2020 20:13

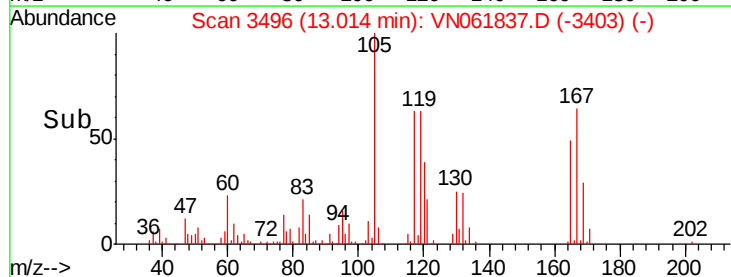
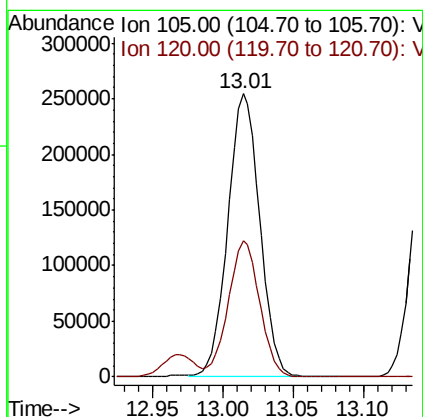
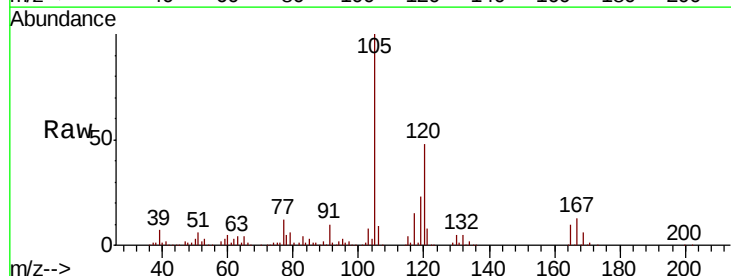
Instrument :
MSVOA_N
ClientSampleId :
ICVVN061620

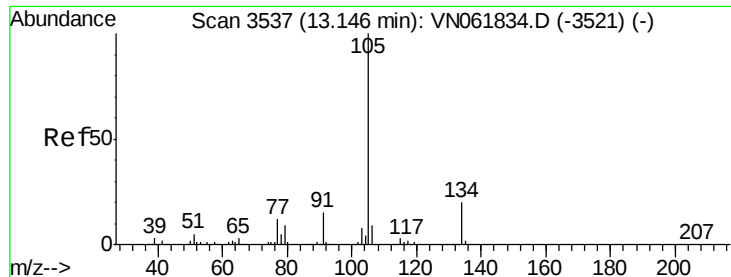
Tot Ion:119 Resp: 335279
Ion Ratio Lower Upper
119 100
91 63.2 31.5 94.5
134 26.6 13.3 39.9



#84
1,2,4-Trimethylbenzene
Concen: 53.365 ug/l
RT: 13.01 min Scan# 3496
Delta R.T. 0.00 min
Lab File: VN061837.D
Acq: 16 Jun 2020 20:13

Tgt Ion:105 Resp: 401904
Ion Ratio Lower Upper
105 100
120 47.6 23.3 69.9

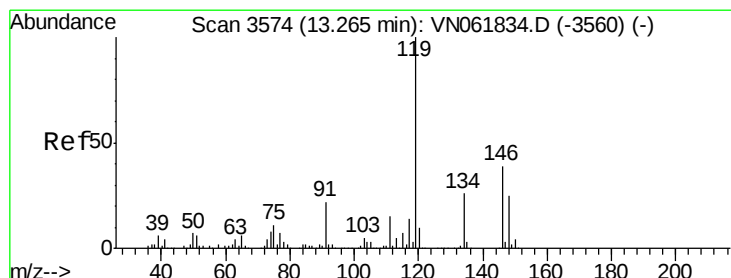
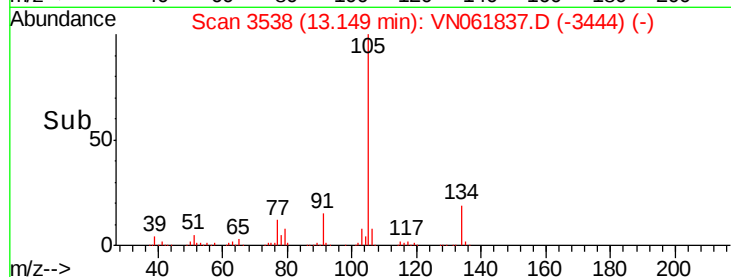
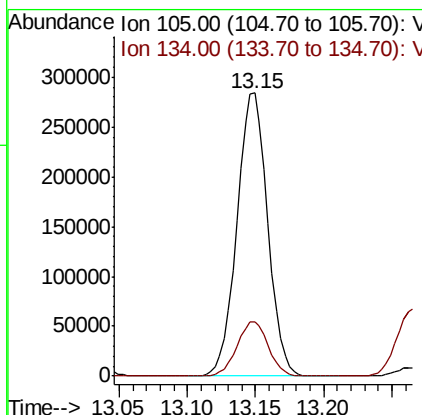
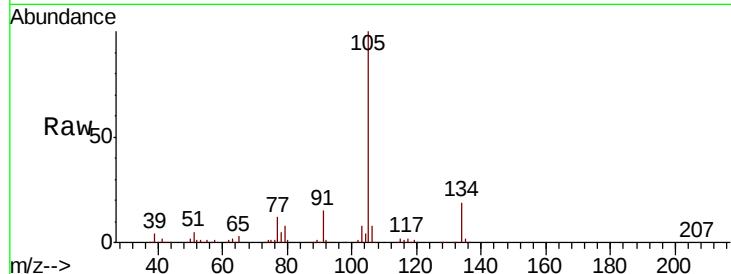




#85
 sec-Butylbenzene
 Concen: 52.394 ug/l
 RT: 13.15 min Scan# 3538
 Delta R.T. 0.00 min
 Lab File: VN061837.D
 Acq: 16 Jun 2020 20:13

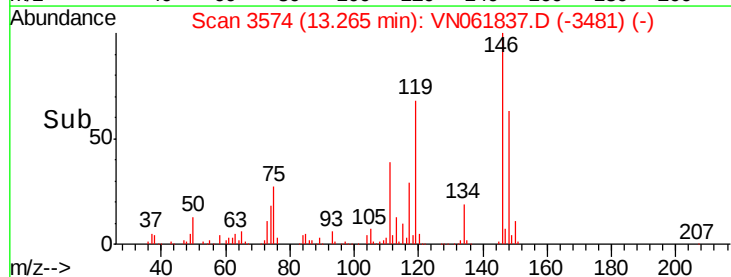
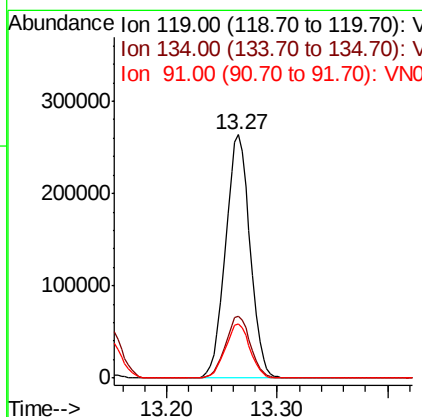
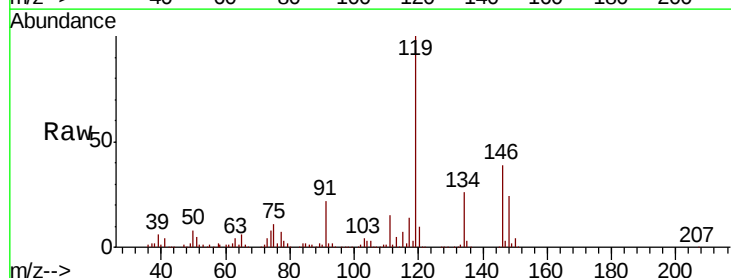
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN061620

Tot Ion:105 Resp: 443561
 Ion Ratio Lower Upper
 105 100
 134 19.7 10.1 30.1



#86
 p-Isopropyltoluene
 Concen: 53.622 ug/l
 RT: 13.27 min Scan# 3574
 Delta R.T. 0.00 min
 Lab File: VN061837.D
 Acq: 16 Jun 2020 20:13

Tgt Ion:119 Resp: 404507
 Ion Ratio Lower Upper
 119 100
 134 25.9 13.3 39.9
 91 22.6 11.2 33.6





#87

1,3-Dichlorobenzene

Concen: 50.048 ug/l

RT: 13.26 min Scan# 3572

Delta R.T. 0.00 min

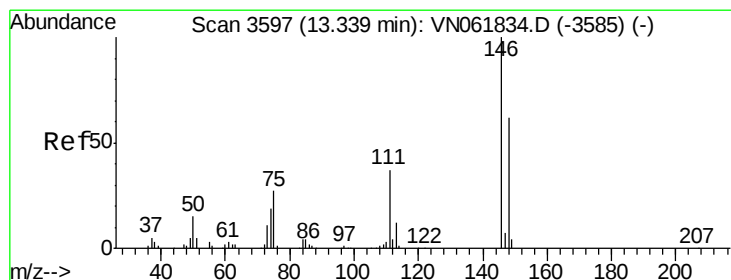
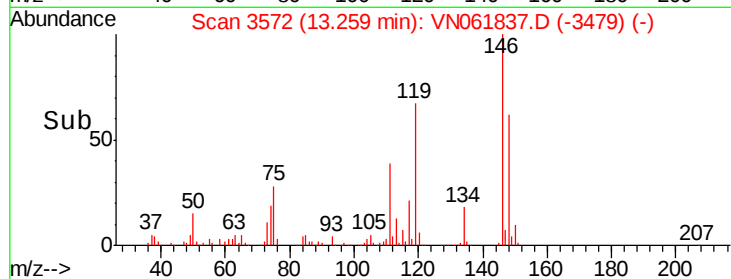
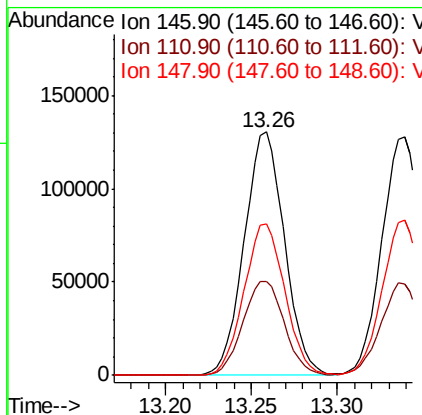
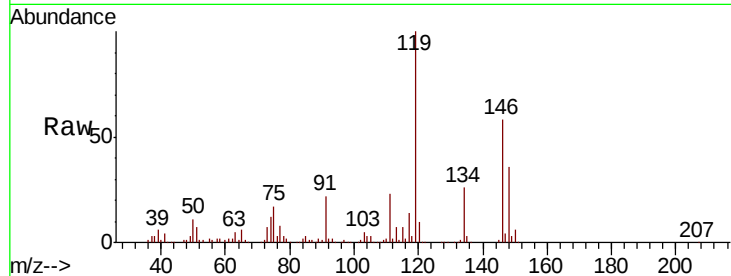
Lab File: VN061837.D

Acq: 16 Jun 2020 20:13

Instrument :
MSVOA_N
ClientSampleId :
ICVVN061620

Tot Ion:146 Resp: 212367

Ion	Ratio	Lower	Upper
146	100		
111	39.7	19.6	58.8
148	63.1	31.8	95.4



#88

1,4-Dichlorobenzene

Concen: 48.798 ug/l

RT: 13.34 min Scan# 3597

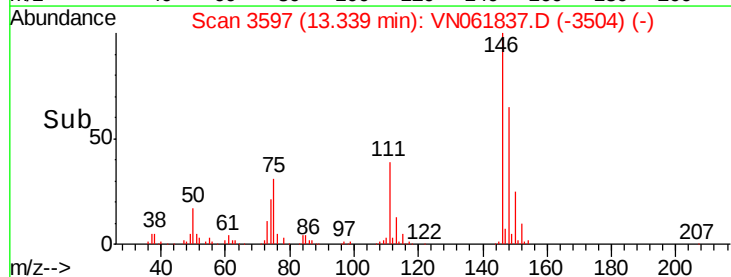
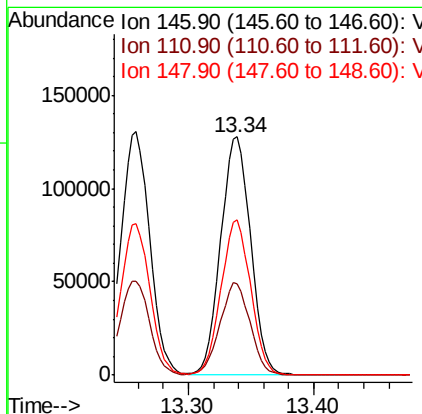
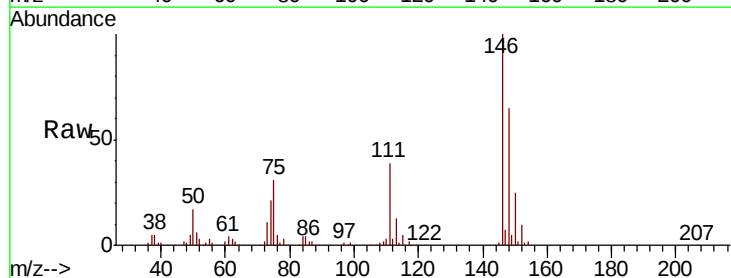
Delta R.T. 0.00 min

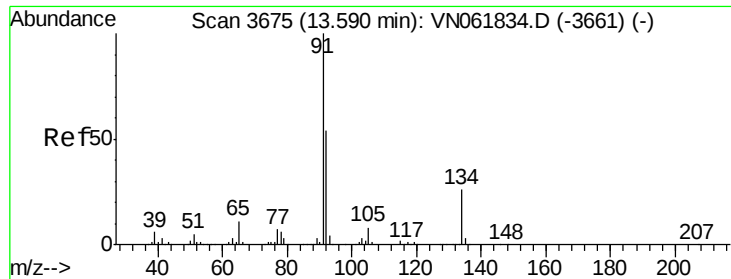
Lab File: VN061837.D

Acq: 16 Jun 2020 20:13

Tgt Ion:146 Resp: 211950

Ion	Ratio	Lower	Upper
146	100		
111	38.8	19.3	57.8
148	64.5	31.6	94.7

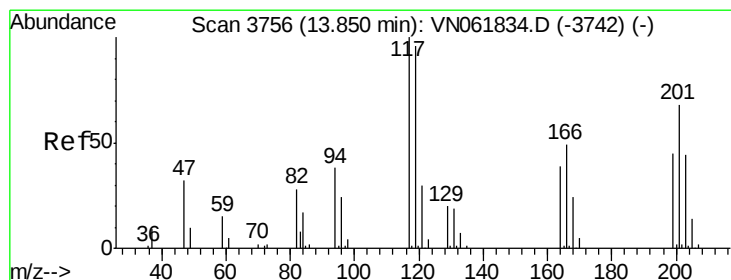
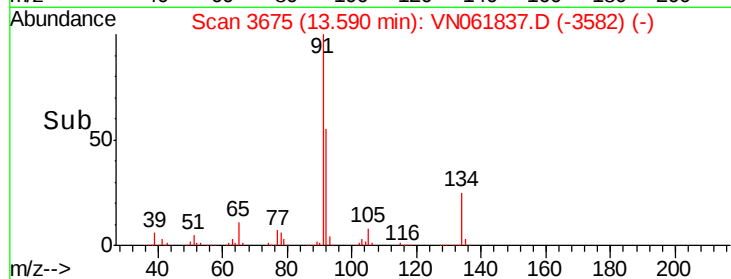
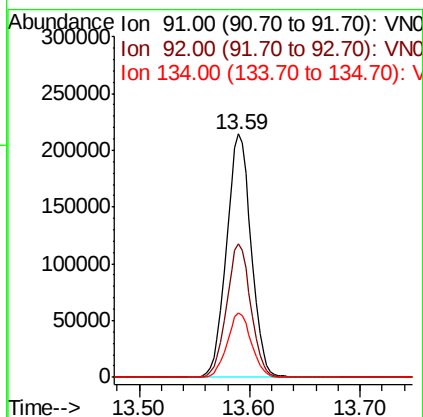
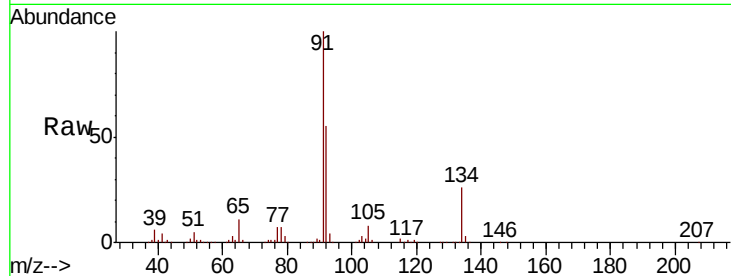




#89
n-Butylbenzene
Concen: 52.777 ug/l
RT: 13.59 min Scan# 3675
Delta R.T. 0.00 min
Lab File: VN061837.D
Acq: 16 Jun 2020 20:13

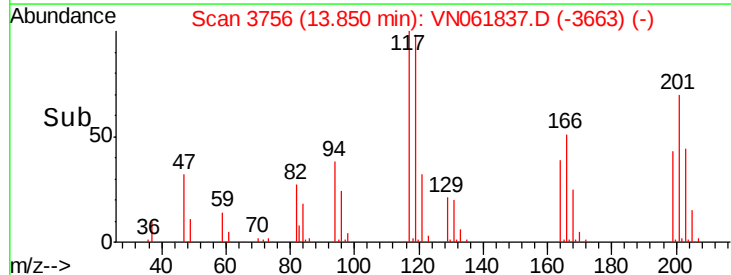
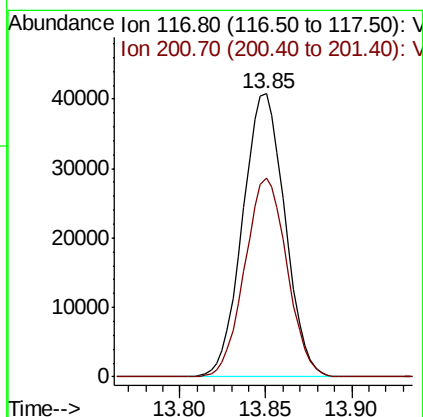
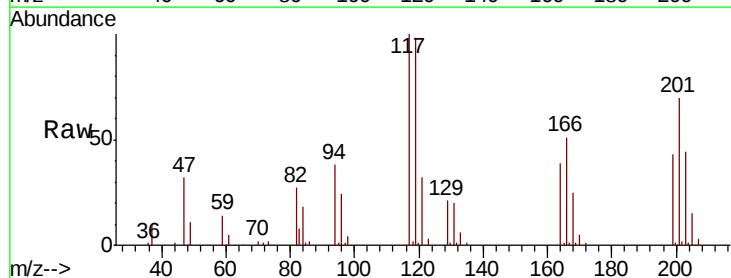
Instrument :
MSVOA_N
ClientSampleId :
ICVVN061620

Tot Ion: 91 Resp: 332502
Ion Ratio Lower Upper
91 100
92 53.8 27.0 80.8
134 26.0 13.0 39.0



#90
Hexachloroethane
Concen: 50.399 ug/l
RT: 13.85 min Scan# 3756
Delta R.T. 0.00 min
Lab File: VN061837.D
Acq: 16 Jun 2020 20:13

Tgt Ion: 117 Resp: 69596
Ion Ratio Lower Upper
117 100
201 70.0 34.6 103.8

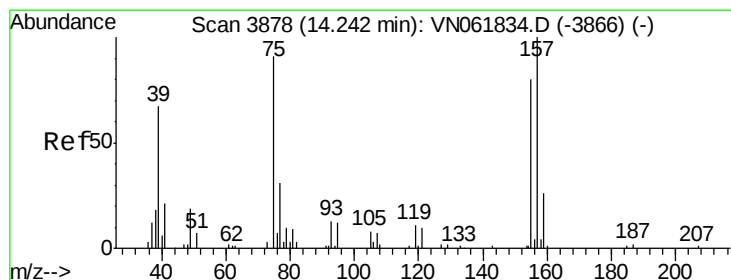
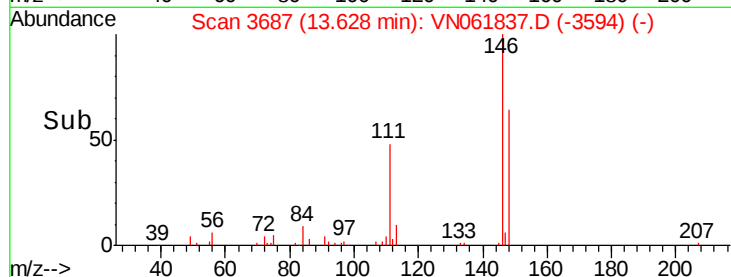
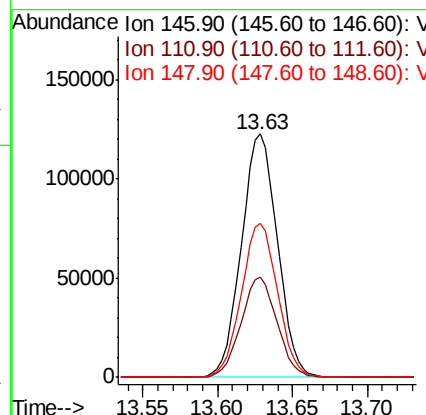
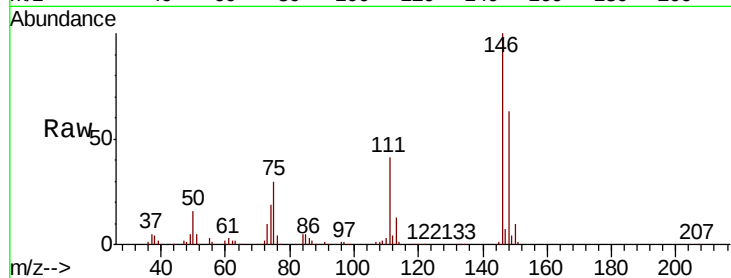




#91
 1,2-Dichlorobenzene
 Concen: 50.434 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. 0.00 min
 Lab File: VN061837.D
 Acq: 16 Jun 2020 20:13

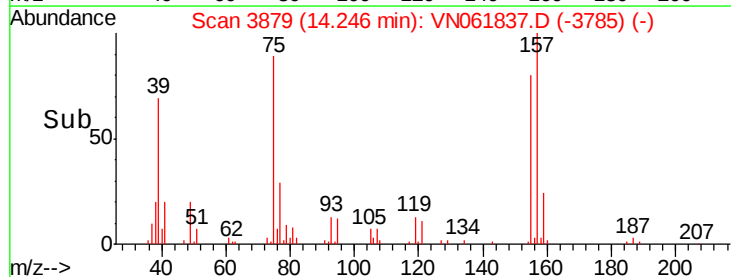
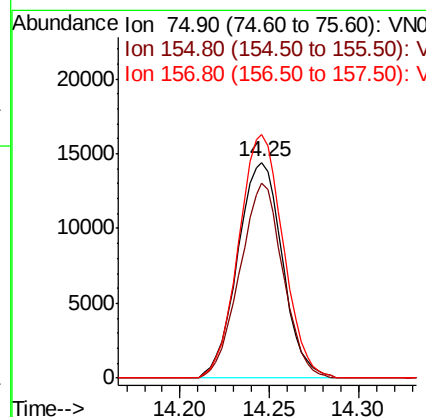
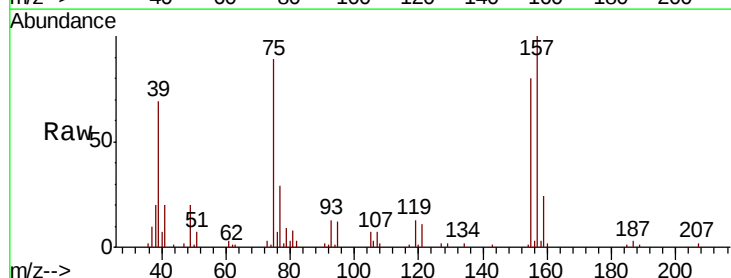
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN061620

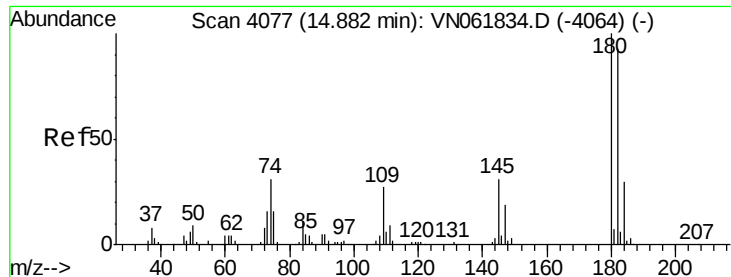
Tot Ion	Ratio	Lower	Upper
146	100		
111	41.0	20.4	61.2
148	63.5	31.8	95.4



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 51.935 ug/l
 RT: 14.25 min Scan# 3879
 Delta R.T. 0.00 min
 Lab File: VN061837.D
 Acq: 16 Jun 2020 20:13

Tgt Ion	Ratio	Lower	Upper
75	100		
155	87.4	44.4	133.2
157	112.2	57.0	171.2

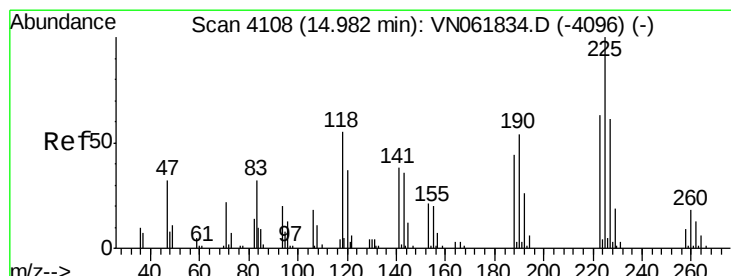
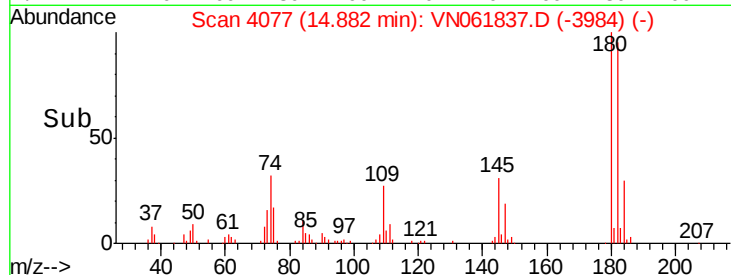
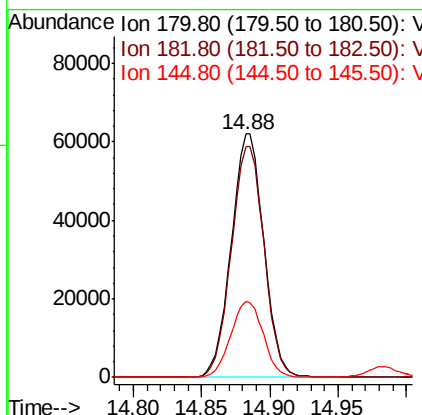
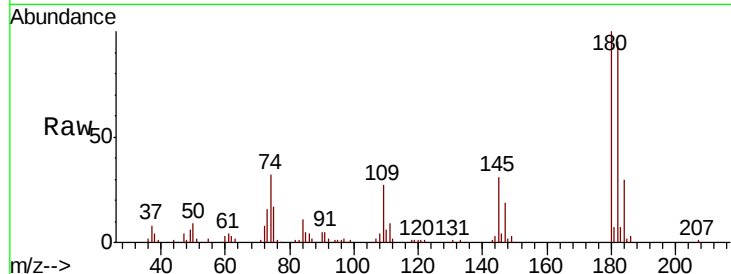




#93
1,2,4-Trichlorobenzene
Concen: 53.273 ug/l
RT: 14.88 min Scan# 4077
Delta R.T. 0.00 min
Lab File: VN061837.D
Acq: 16 Jun 2020 20:13

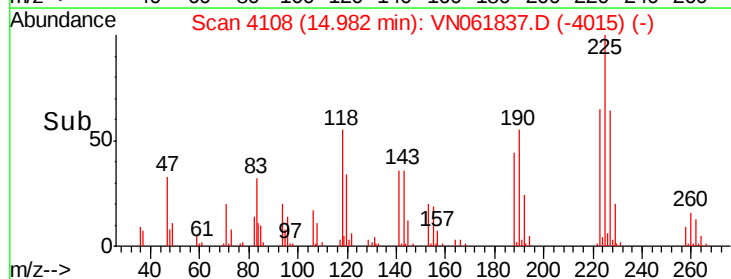
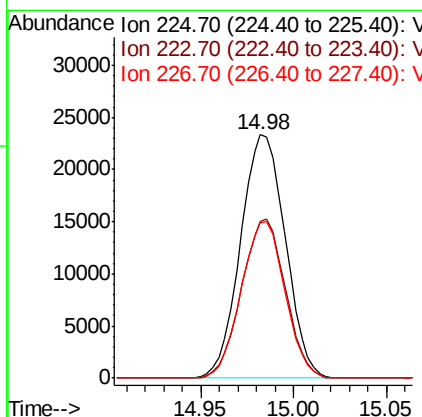
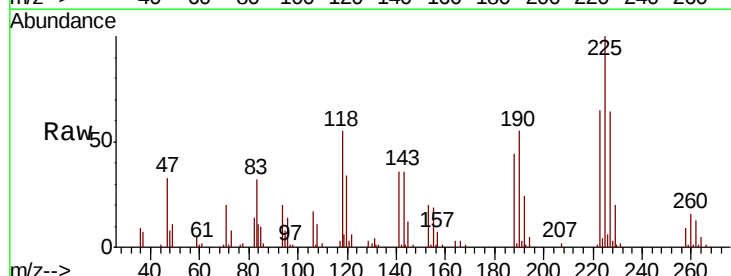
Instrument :
MSVOA_N
ClientSampleId :
ICVVN061620

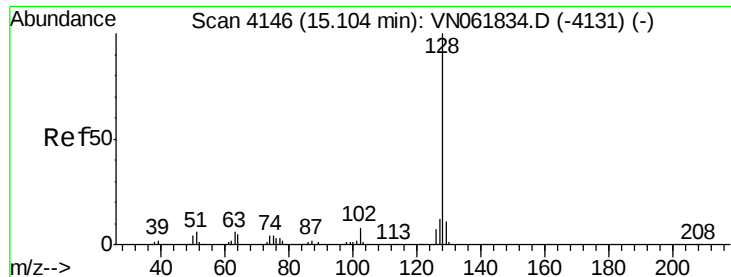
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.5	47.0	141.2
145	31.2	15.8	47.3



#94
Hexachlorobutadiene
Concen: 51.617 ug/l
RT: 14.98 min Scan# 4108
Delta R.T. 0.00 min
Lab File: VN061837.D
Acq: 16 Jun 2020 20:13

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.8	31.7	95.1
227	62.5	30.1	90.3

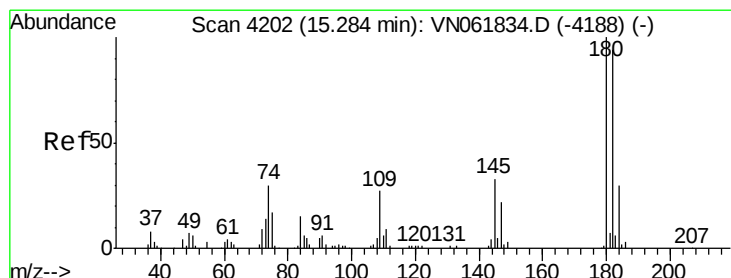
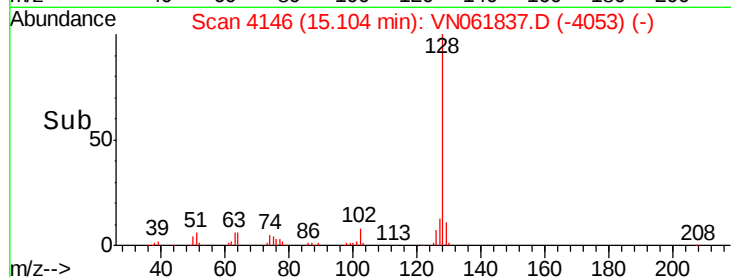
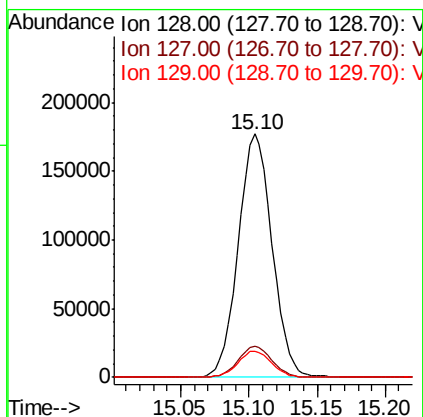
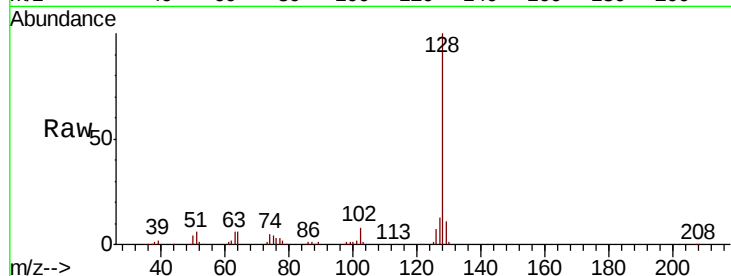




#95
Naphthalene
Concen: 47.447 ug/l
RT: 15.10 min Scan# 4146
Delta R.T. 0.00 min
Lab File: VN061837.D
Acq: 16 Jun 2020 20:13

Instrument :
MSVOA_N
ClientSampleId :
ICVVN061620

Tot Ion:128 Resp: 305044
Ion Ratio Lower Upper
128 100
127 12.7 10.3 15.5
129 10.7 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 54.055 ug/l
RT: 15.28 min Scan# 4202
Delta R.T. 0.00 min
Lab File: VN061837.D
Acq: 16 Jun 2020 20:13

Tgt Ion:180 Resp: 103194
Ion Ratio Lower Upper
180 100
182 93.5 47.9 143.6
145 32.4 16.5 49.5

