

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL032521\
 Data File : VL036477.D
 Acq On : 25 Mar 2021 6:30
 Operator :
 Sample : VSTDICV010
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Mar 25 08:32:21 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL032521AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Mar 25 08:30:54 2021
 QLast Update : Thu Mar 25 08:30:54 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	1666969	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	4042661	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.09	117	4532973	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.42	95	3033056	8.40	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	84.00%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	3.04	85	2037199	7.166 ppbv	95
3) Chlorodifluoromethane	2.98	51	2508760	7.732 ppbv	99
4) Chloromethane	3.13	50	864722	7.555 ppbv	99
5) Vinyl Chloride	3.25	62	863477	7.320 ppbv	99
6) Bromomethane	3.47	94	470695	7.268 ppbv	99
7) Chloroethane	3.55	64	306166	7.567 ppbv	95
8) Dichlorotetrafluoroethane	3.18	85	2020673	7.480 ppbv	100
9) Propene	3.01	41	816893	7.918 ppbv	97
10) Heptane	8.12	43	2100673	8.008 ppbv	100
11) Trichlorofluoromethane	3.95	101	2069136	7.177 ppbv	98
12) 1,1,2-Trichlorotrifluoroet	4.48	101	1396109	7.575 ppbv	100
13) Ethanol	3.60	45	53962	3.137 ppbv #	48
14) Bromoethene	3.74	108	607045	7.938 ppbv	99
15) Acetone	3.85	43	1194237	6.982 ppbv	97
16) 1,3-Butadiene	3.32	39	925550	7.793 ppbv	97
17) tert-Butyl alcohol	4.29	59	1191115	7.986 ppbv	99
18) 1,1-Dichloroethene	4.28	96	640758	8.403 ppbv	98
19) Isopropyl Alcohol	3.97	45	699513	7.753 ppbv #	97
20) Methylene Chloride	4.34	84	553455	6.898 ppbv	96
21) Allyl Chloride	4.41	41	1037729	7.636 ppbv	97
22) trans-1,2-Dichloroethene	4.88	96	602349	7.926 ppbv	93
23) Vinyl Acetate	5.07	43	2327972	8.008 ppbv	99
24) 1,1-Dichloroethane	5.01	63	1612108	7.576 ppbv #	99
25) Ethyl Acetate	5.68	43	3069956	7.569 ppbv	99
26) Hexane	5.69	57	1481629	7.880 ppbv	96
27) Carbon Disulfide	4.55	76	1578548	8.547 ppbv	98
28) Methyl tert-Butyl Ether	5.04	73	1694768	7.893 ppbv	100
29) Chloroform	5.75	83	2220358	7.513 ppbv	99
30) Cyclohexane	7.13	84	1205324	7.914 ppbv	97
31) cis-1,2-Dichloroethene	5.55	61	1455951	8.023 ppbv	99
32) 1,1,1-Trichloroethane	6.51	97	2262130	7.422 ppbv	100
34) 2-Butanone	5.24	43	1457463	7.977 ppbv	99
35) Carbon Tetrachloride	7.02	117	2325825	7.490 ppbv	97
36) Benzene	6.89	78	2999853	8.046 ppbv	99
37) 1,2-Dichloroethane	6.31	62	1690407	7.703 ppbv	99
38) Trichloroethene	7.84	130	1109245	7.645 ppbv	98
39) 1,2-Dichloropropane	7.62	63	1198676	7.925 ppbv	97
40) 1,4-Dioxane	7.83	88	218706	6.213 ppbv #	1
41) Tetrahydrofuran	6.05	42	661011	7.909 ppbv	98
42) Bromodichloromethane	7.79	83	2431319	8.145 ppbv	99
43) Methyl Methacrylate	8.02	69	1154774	9.224 ppbv	99

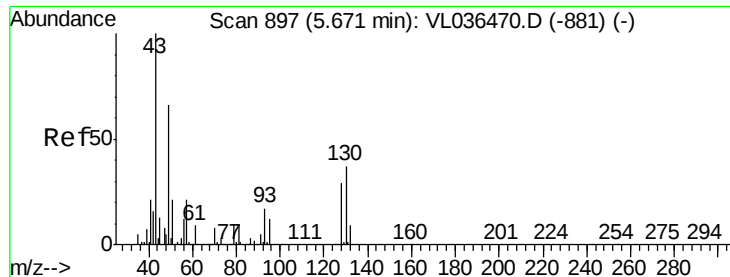
Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL032521\
 Data File : VL036477.D
 Acq On : 25 Mar 2021 6:30
 Operator :
 Sample : VSTDICV010
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Mar 25 08:32:21 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL032521AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Mar 25 08:30:54 2021
 QLast Update : Thu Mar 25 08:30:54 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,2,4-Trimethylpentane	7.87	57	5104827	7.779	ppbv	99
45) t-1,3-Dichloropropene	9.28	75	1048580	7.630	ppbv	98
46) cis-1,3-Dichloropropene	8.70	75	1339823	7.332	ppbv	99
47) 1,1,2-Trichloroethane	9.48	97	1199317	7.829	ppbv	96
48) Dibromochloromethane	10.30	129	2006493	8.592	ppbv	99
49) Bromoform	13.05	173	1636350	8.697	ppbv	99
50) 4-Methyl-2-Pentanone	8.74	43	2261604	7.921	ppbv	99
51) 2-Hexanone	10.14	43	1235963	8.578	ppbv #	100
52) Tetrachloroethene	11.22	164	1035128	7.540	ppbv	99
53) Toluene	9.81	91	3360506	8.464	ppbv	99
54) 1,2-Dibromoethane	10.61	107	1738886	8.038	ppbv	98
56) 1,1,1,2-Tetrachloroethane	12.13	131	1361437	6.640	ppbv #	49
57) Chlorobenzene	12.15	112	2457824	6.372	ppbv	98
58) Ethyl Benzene	12.71	91	4516777	6.849	ppbv	98
59) m/p-Xylene	13.00	91	4007010	6.966	ppbv #	38
60) o-Xylene	13.70	91	3576556	6.431	ppbv	100
61) Styrene	13.53	104	1998334	7.142	ppbv	99
62) Isopropylbenzene	14.67	105	4972690	6.639	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.68	83	2546684	5.626	ppbv	99
64) n-propylbenzene	15.57	120	1294769	7.071	ppbv	100
65) tert-Butylbenzene	16.75	119	4271379	6.577	ppbv	99
66) Benzyl Chloride	17.00	91	442169	6.377	ppbv	99
67) sec-Butylbenzene	17.30	105	6026513	6.708	ppbv	100
69) p-Isopropyltoluene	17.66	119	5001225	7.053	ppbv	99
70) n-Butylbenzene	18.55	91	5134820	6.918	ppbv	100
71) 2-Chlorotoluene	15.46	91	3841968	6.846	ppbv	99
72) 4-Ethyltoluene	15.84	105	4202643	6.896	ppbv	99
73) 1,3,5-Trimethylbenzene	16.00	105	3770716	6.775	ppbv	99
74) 1,2,4-Trimethylbenzene	16.77	105	3914251	6.430	ppbv	98
75) 1,3-Dichlorobenzene	17.00	146	2251178	6.570	ppbv	99
76) 1,4-Dichlorobenzene	17.14	146	2183916	6.686	ppbv	98
77) 1,2-Dichlorobenzene	17.82	146	2191221	6.991	ppbv	99
78) Hexachloro-1,3-Butadiene	23.38	225	1759502	6.184	ppbv	100
79) Naphthalene	22.20	128	2595242	7.377	ppbv	98
80) Naphthalene, 2-methyl-	24.98	142	575622	8.218	ppbv	97
81) 1,2,4-Trichlorobenzene	21.93	180	1596792	7.572	ppbv	99

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



#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.67 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 25 Mar 2021 8:30

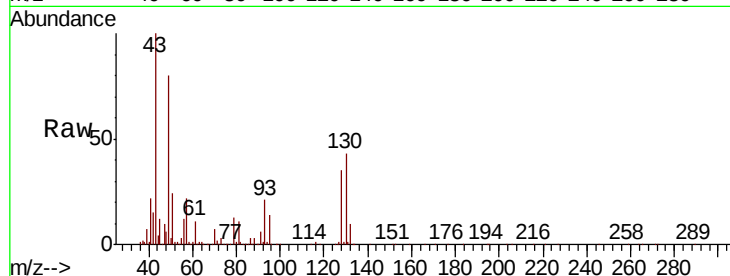
Tot Ion: 49 Resp: 1666969

Ion Ratio Lower Upper

49 100

128 47.2 23.6 70.8

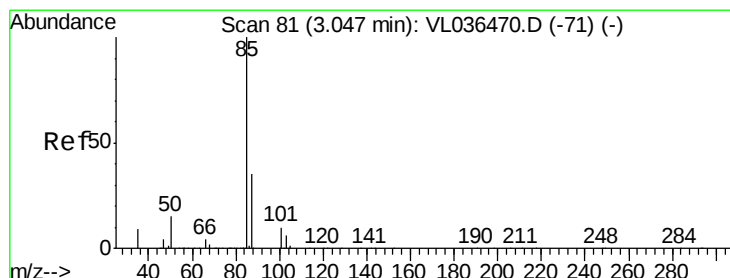
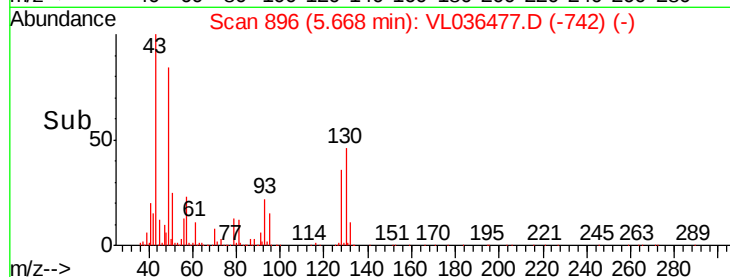
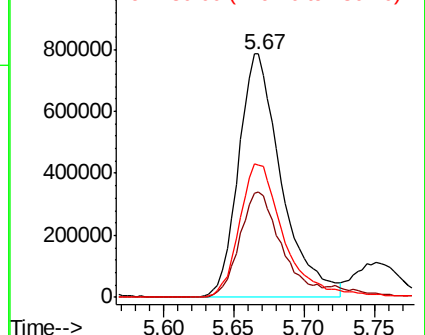
130 57.8 29.3 87.8



Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): V

Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 7.166 ppbv

RT: 3.04 min Scan# 80

Delta R.T. -0.00 min

Lab File: VL036477.D

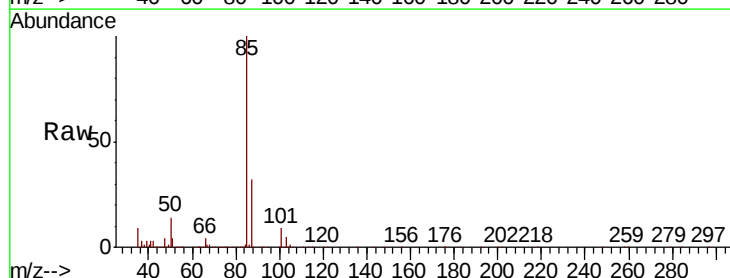
Acq: 25 Mar 2021 6:30

Tgt Ion: 85 Resp: 2037199

Ion Ratio Lower Upper

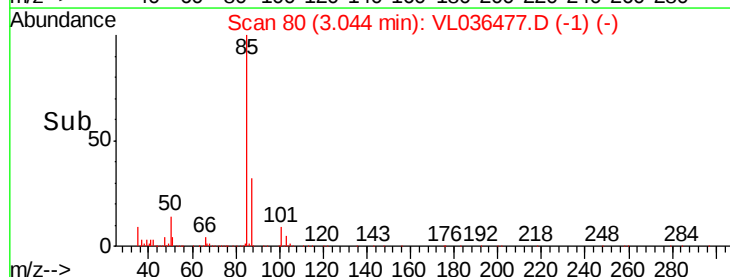
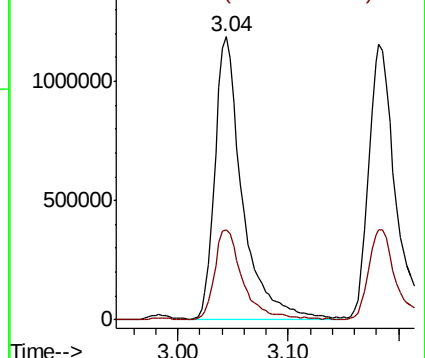
85 100

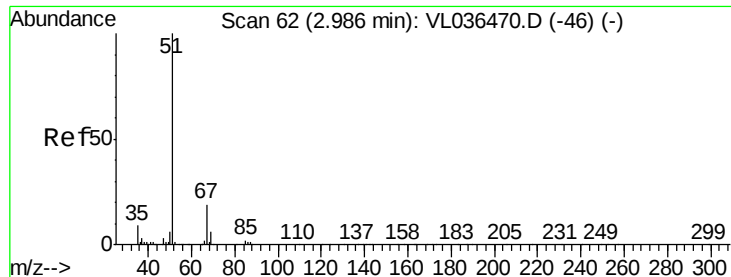
87 31.8 27.8 41.8



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0





#3

Chlorodifluoromethane

Concen: 7.732 ppbv

RT: 2.98 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

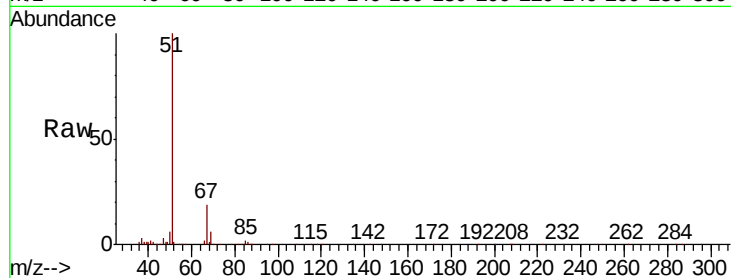
Acq: 25 Mar 2021 8:30

Tot Ion: 51 Resp: 2508760

Ion Ratio Lower Upper

51 100

67 18.1 14.7 22.1



Abundance Ion 51.00 (50.70 to 51.70): VL0

Ion 67.00 (66.70 to 67.70): VL0

1500000

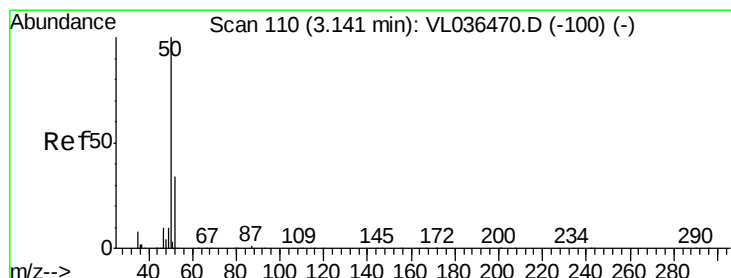
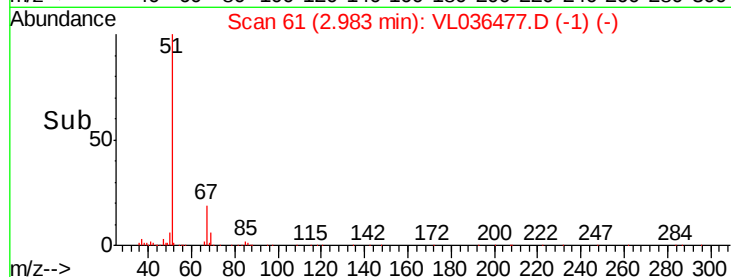
1000000

500000

0

2.98

Time-->



#4

Chloromethane

Concen: 7.555 ppbv

RT: 3.13 min Scan# 108

Delta R.T. -0.01 min

Lab File: VL036477.D

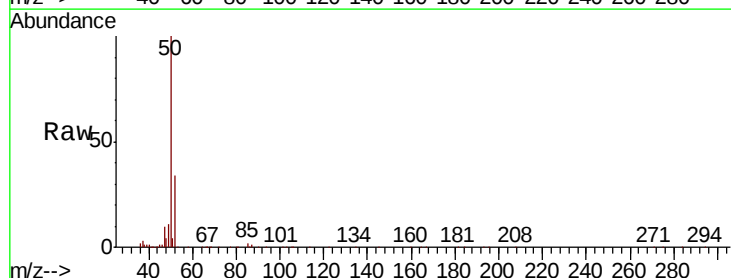
Acq: 25 Mar 2021 6:30

Tgt Ion: 50 Resp: 864722

Ion Ratio Lower Upper

50 100

52 34.2 27.0 40.6



Abundance Ion 50.10 (49.80 to 50.80): VL0

Ion 52.10 (51.80 to 52.80): VL0

500000

400000

300000

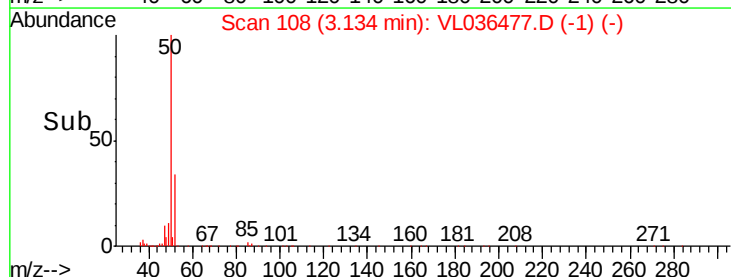
200000

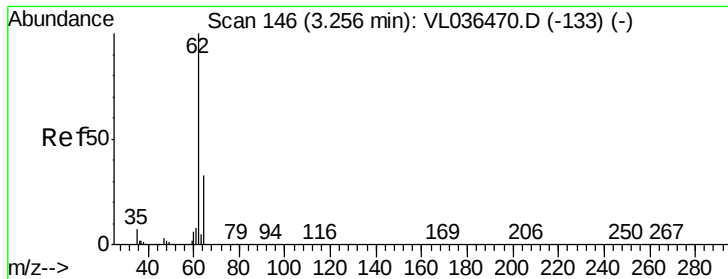
100000

0

3.13

Time-->





#5

Vinyl Chloride

Concen: 7.320 ppbv

RT: 3.25 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

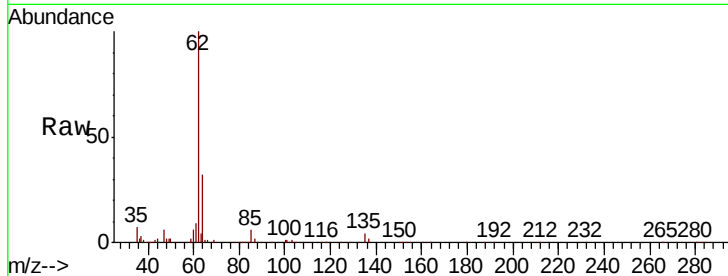
Acq: 25 Mar 2021 6:30

Tot Ion: 62 Resp: 863477

Ion Ratio Lower Upper

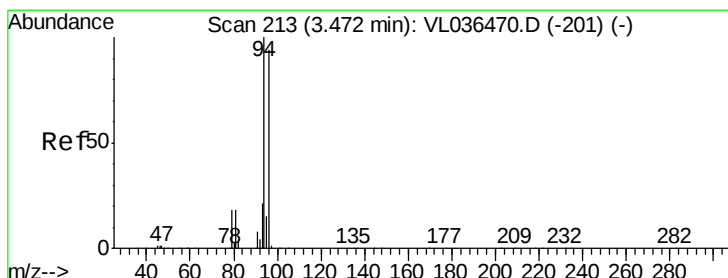
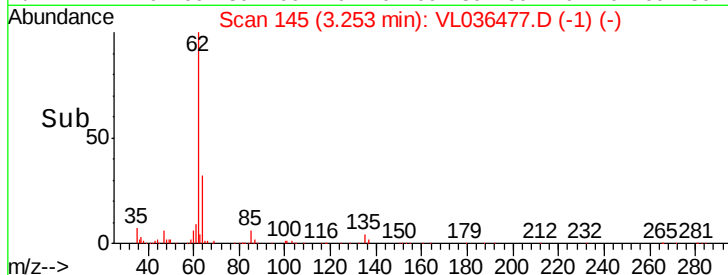
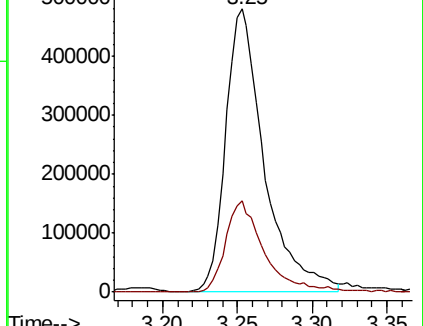
62 100

64 32.5 26.4 39.6



Abundance Ion 62.10 (61.80 to 62.80): VL0

Ion 64.10 (63.80 to 64.80): VL0



#6

Bromomethane

Concen: 7.268 ppbv

RT: 3.47 min Scan# 213

Delta R.T. -0.00 min

Lab File: VL036477.D

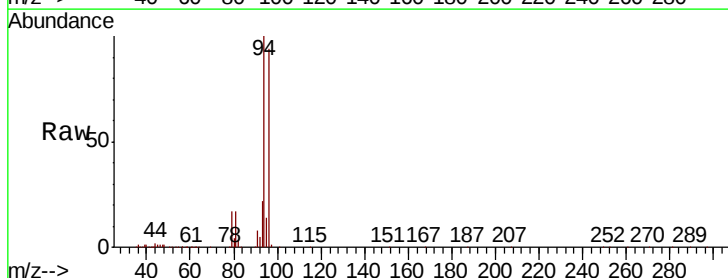
Acq: 25 Mar 2021 6:30

Tgt Ion: 94 Resp: 470695

Ion Ratio Lower Upper

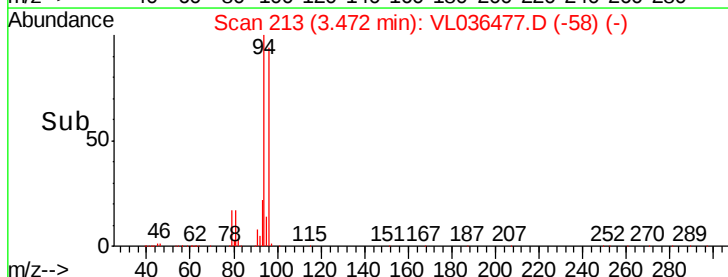
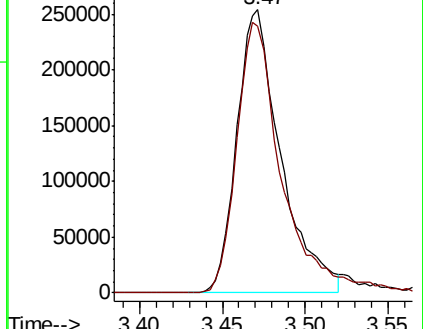
94 100

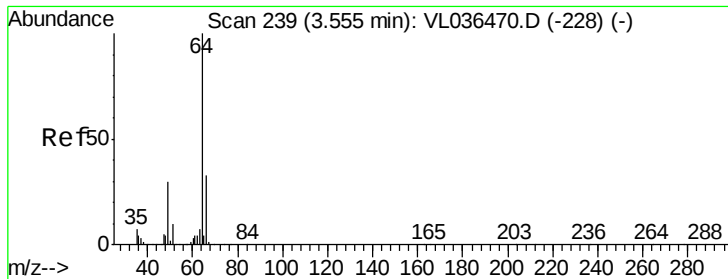
96 94.3 74.9 112.3



Abundance Ion 94.00 (93.70 to 94.70): VL0

Ion 96.00 (95.70 to 96.70): VL0





#7

Chloroethane

Concen: 7.567 ppbv

RT: 3.55 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

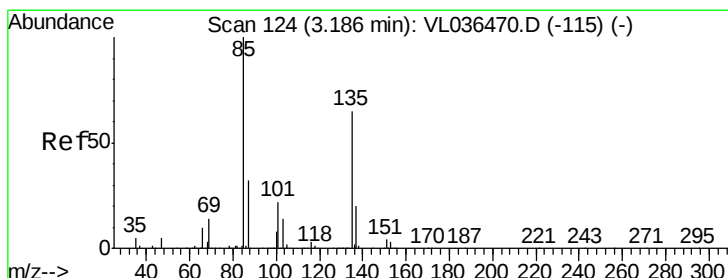
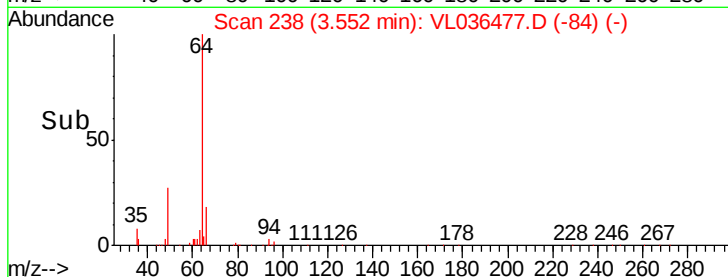
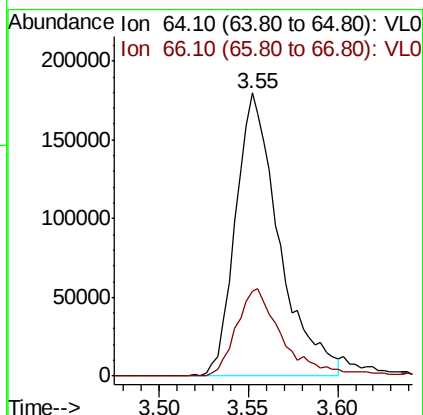
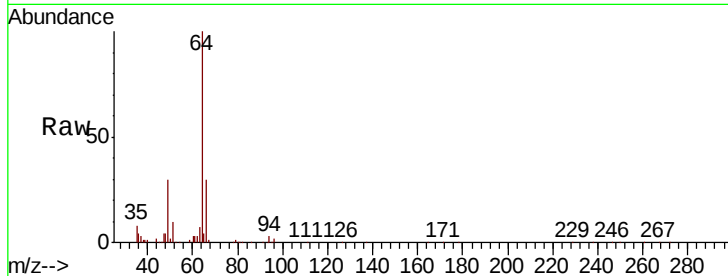
Acq: 25 Mar 2021 8:30

Tot Ion: 64 Resp: 306166

Ion Ratio Lower Upper

64 100

66 30.1 26.2 39.2



#8

Dichlorotetrafluoroethane

Concen: 7.480 ppbv

RT: 3.18 min Scan# 123

Delta R.T. -0.00 min

Lab File: VL036477.D

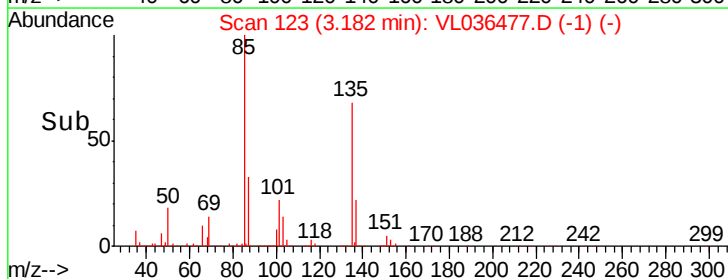
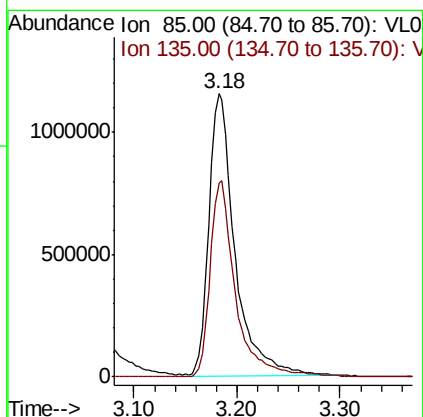
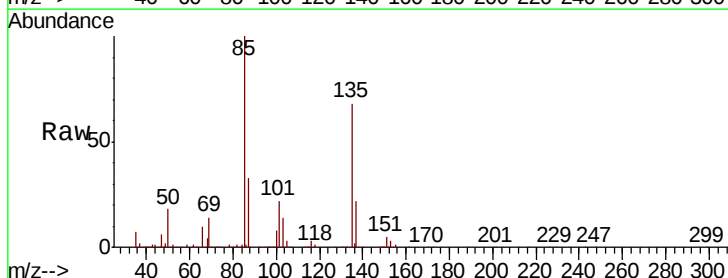
Acq: 25 Mar 2021 6:30

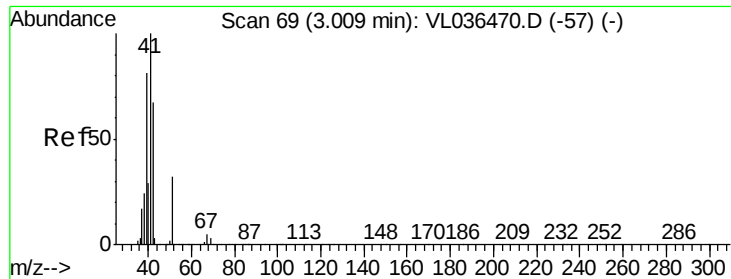
Tgt Ion: 85 Resp: 2020673

Ion Ratio Lower Upper

85 100

135 68.2 54.3 81.5





#9

Propene

Concen: 7.918 ppbv

RT: 3.01 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

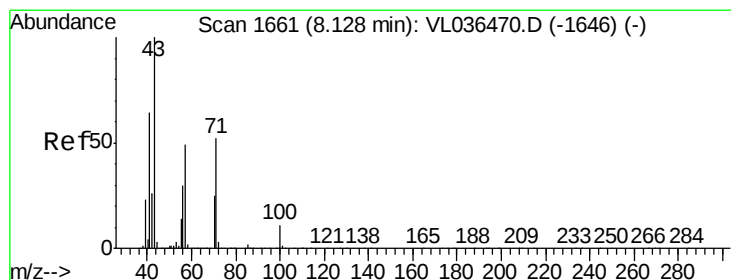
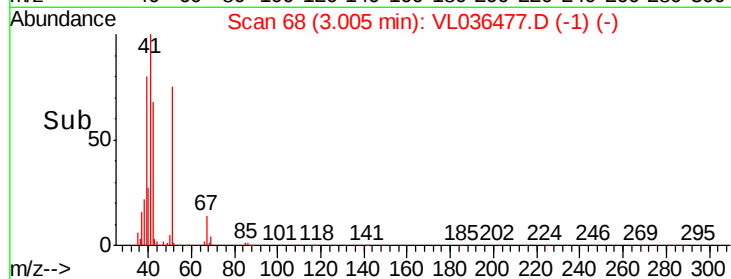
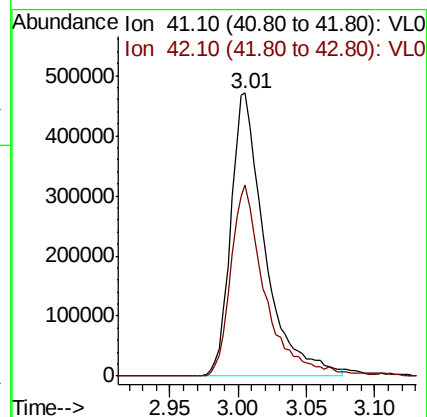
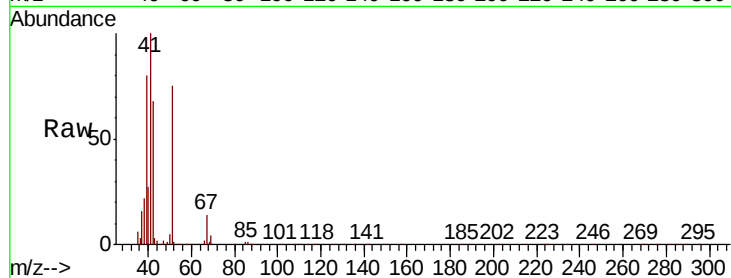
Acq: 25 Mar 2021 8:30

Tot Ion: 41 Resp: 816893

Ion Ratio Lower Upper

41 100

42 69.1 57.0 85.4



#10

Heptane

Concen: 8.008 ppbv

RT: 8.12 min Scan# 1660

Delta R.T. -0.00 min

Lab File: VL036477.D

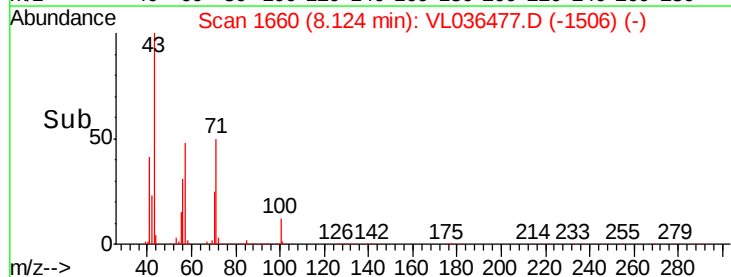
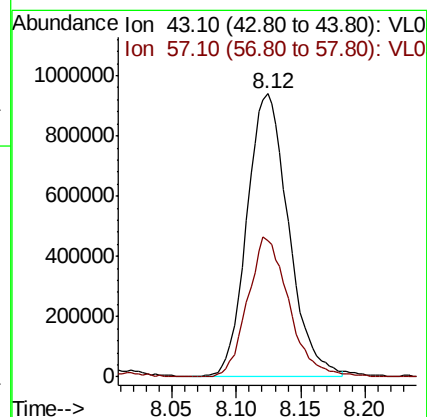
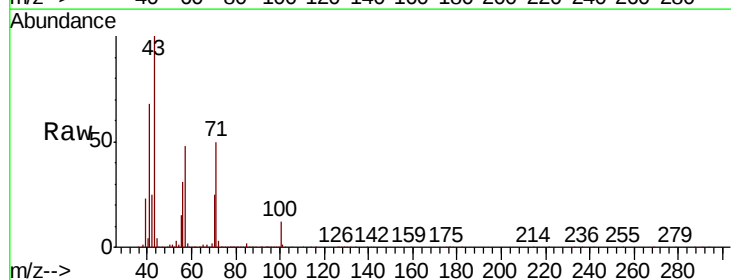
Acq: 25 Mar 2021 6:30

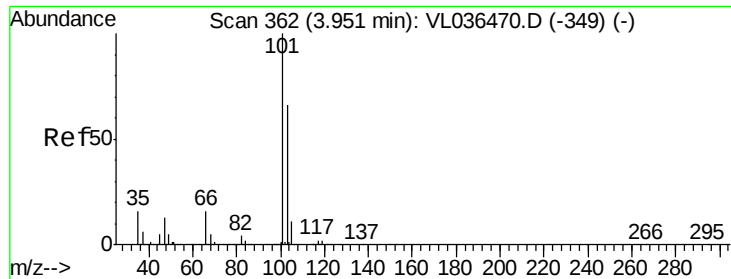
Tgt Ion: 43 Resp: 2100673

Ion Ratio Lower Upper

43 100

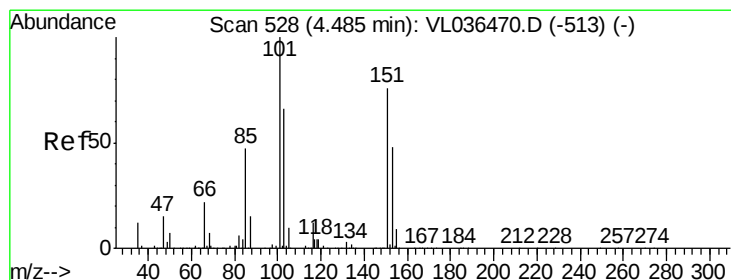
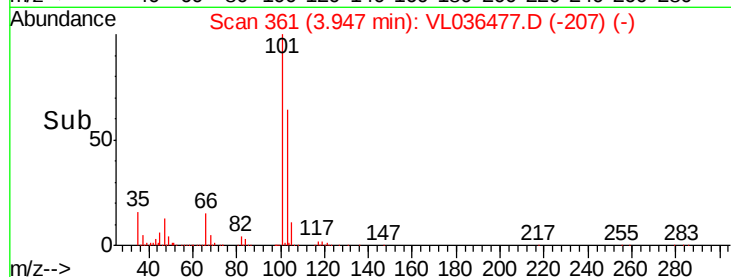
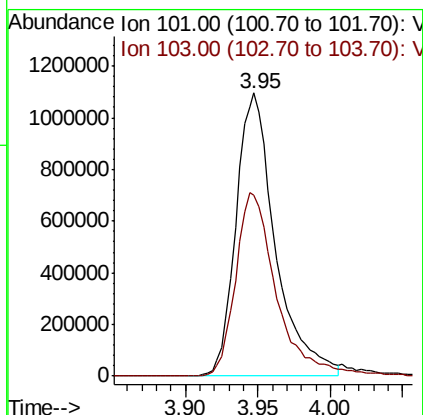
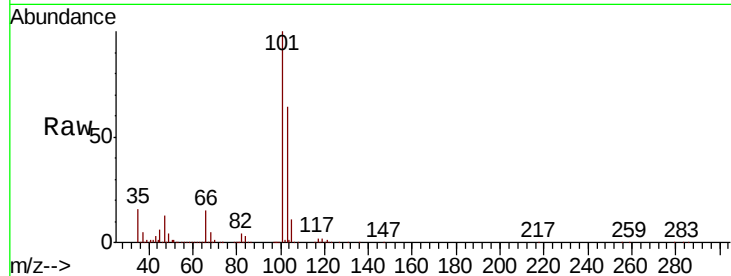
57 49.2 39.4 59.0





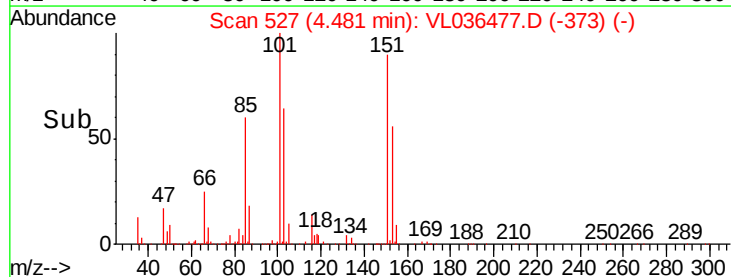
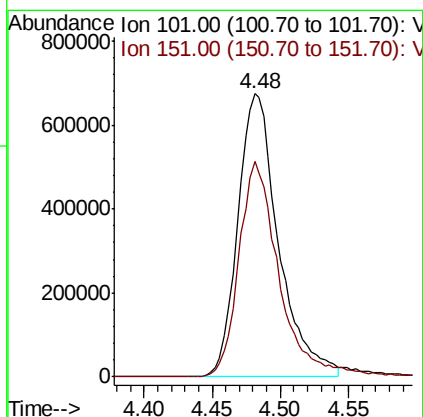
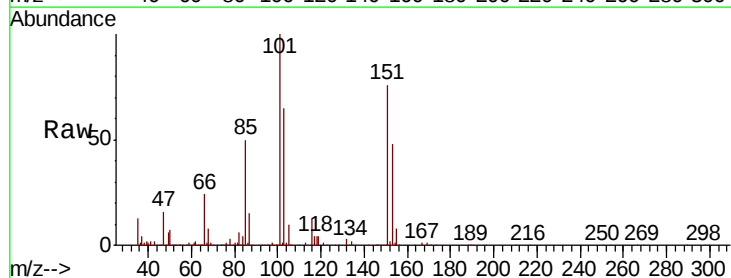
#11
 Trichlorofluoromethane
 Concen: 7.177 ppbv
 RT: 3.95 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 Acq: 25 Mar 2021 8:30

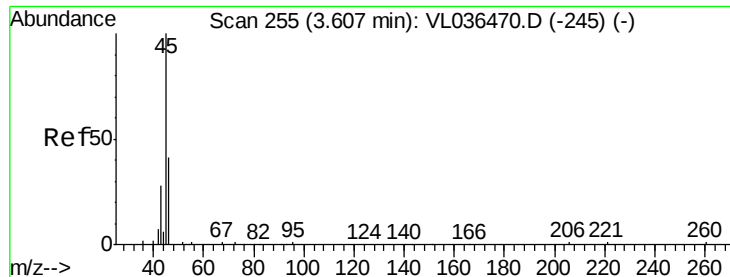
Tot Ion:101 Resp: 2069136
 Ion Ratio Lower Upper
 101 100
 103 63.8 52.5 78.7



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 7.575 ppbv
 RT: 4.48 min Scan# 527
 Delta R.T. -0.00 min
 Lab File: VL036477.D
 Acq: 25 Mar 2021 6:30

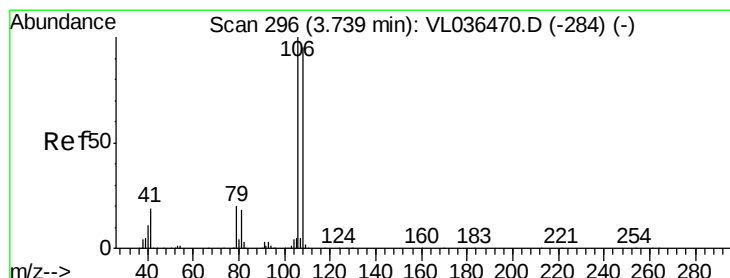
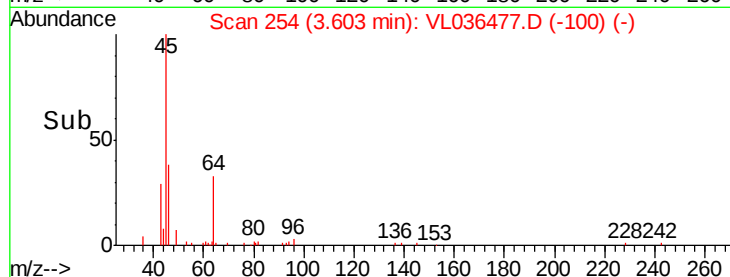
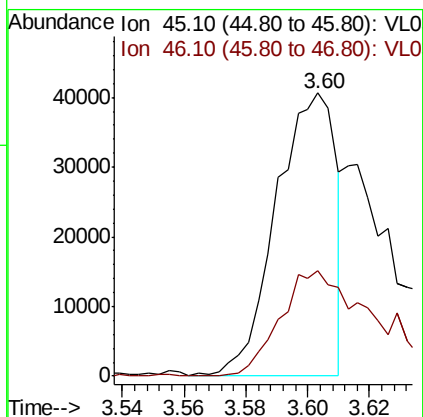
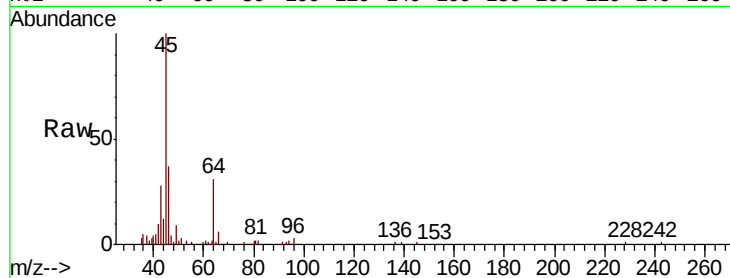
Tgt Ion:101 Resp: 1396109
 Ion Ratio Lower Upper
 101 100
 151 76.1 60.9 91.3





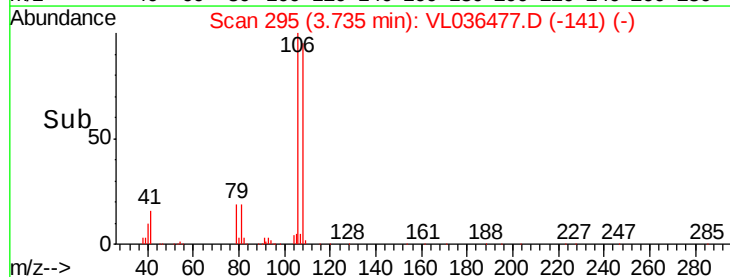
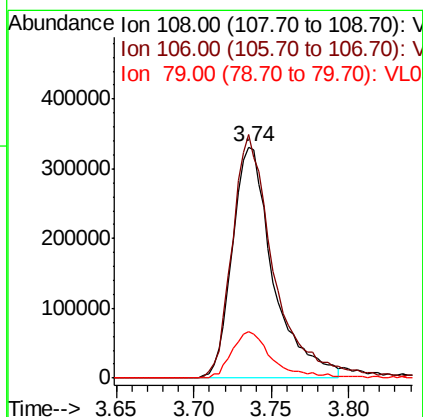
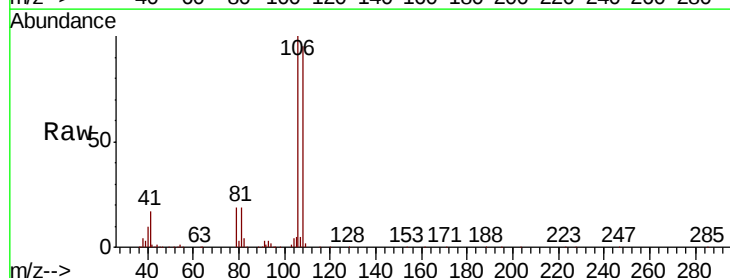
#13
 Ethanol
 Concen: 3.137 ppbv
 RT: 3.60
 Instrument: MSVOA_L
 Delta R.T.:
 Lab File: ClientSampleId:
 Acq: 25 Mar 2021 0:30

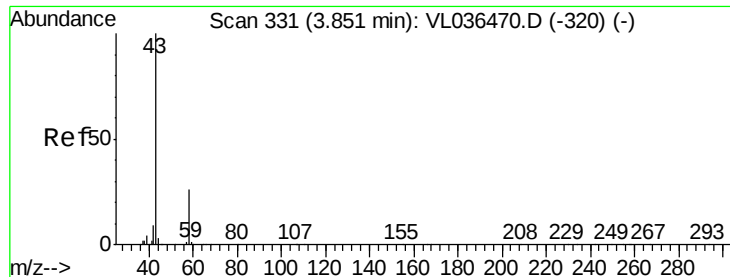
Tot Ion: 45 Resp: 53962
 Ion Ratio Lower Upper
 45 100
 46 74.3 16.6 66.4#



#14
 Bromoethene
 Concen: 7.938 ppbv
 RT: 3.74 min Scan# 295
 Delta R.T. -0.00 min
 Lab File: VL036477.D
 Acq: 25 Mar 2021 6:30

Tgt Ion: 108 Resp: 607045
 Ion Ratio Lower Upper
 108 100
 106 109.9 89.0 133.4
 79 20.3 16.8 25.2





#15

Acetone

Concen: 6.982 ppbv

RT: 3.85 Instrument :

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

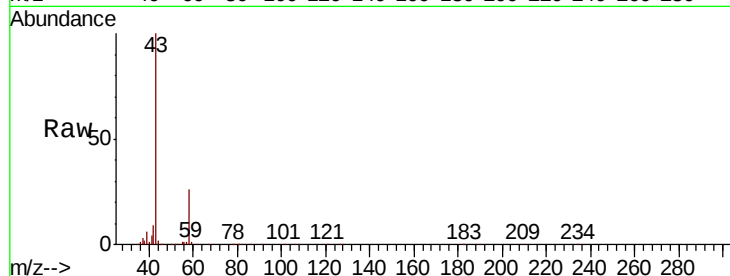
Acq: 25 Mar 2021 0:30

Tot Ion: 43 Resp: 1194237

Ion Ratio Lower Upper

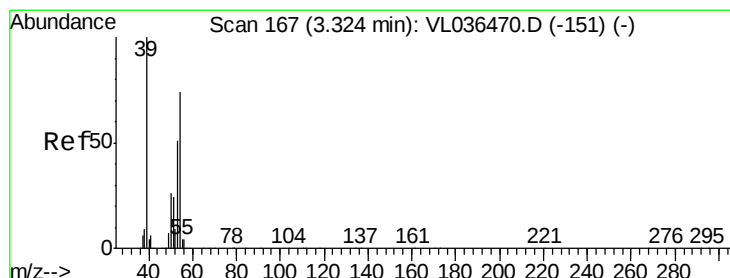
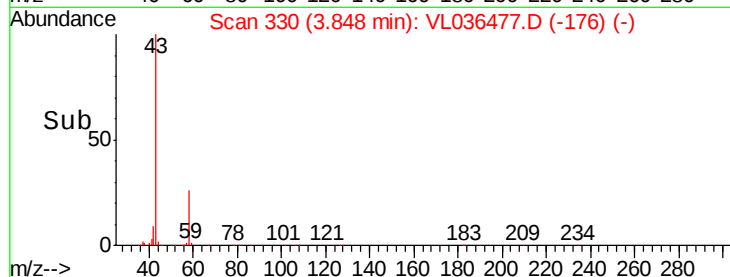
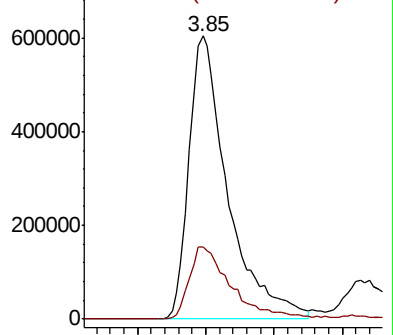
43 100

58 28.0 21.1 31.7



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0



#16

1,3-Butadiene

Concen: 7.793 ppbv

RT: 3.32 min Scan# 166

Delta R.T. -0.00 min

Lab File: VL036477.D

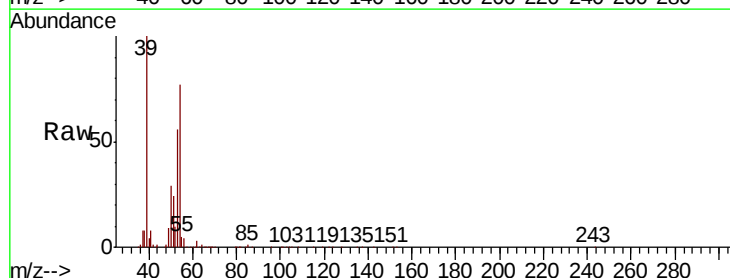
Acq: 25 Mar 2021 6:30

Tgt Ion: 39 Resp: 925550

Ion Ratio Lower Upper

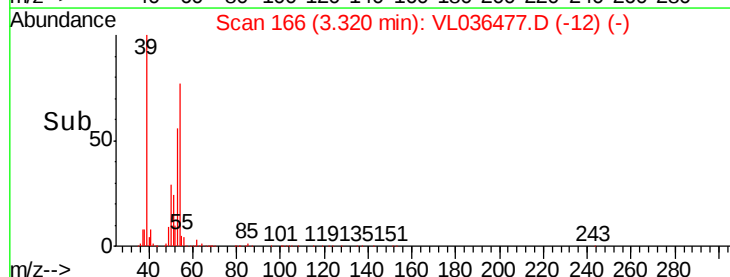
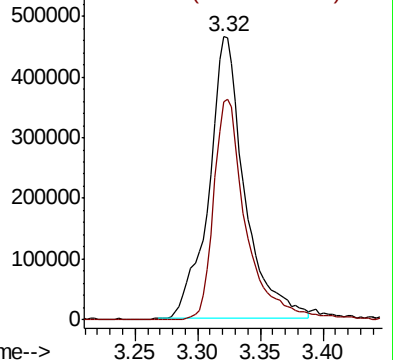
39 100

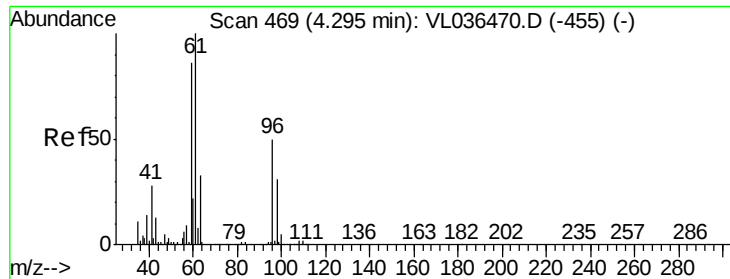
54 71.5 59.0 88.4



Abundance Ion 39.10 (38.80 to 39.80): VL0

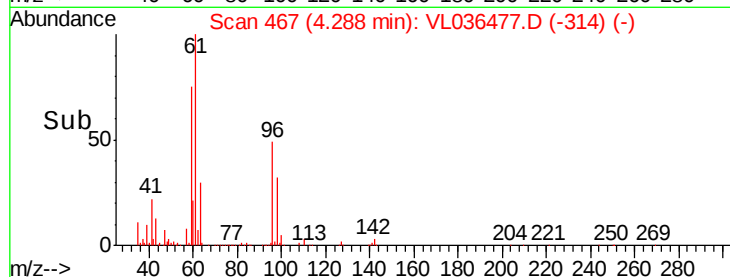
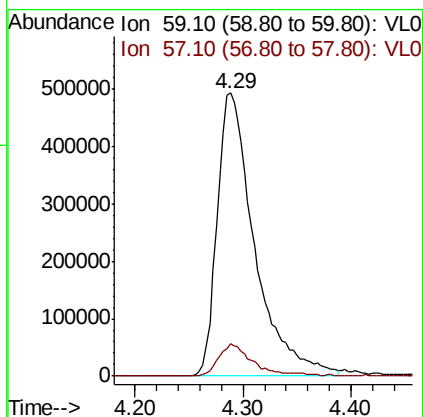
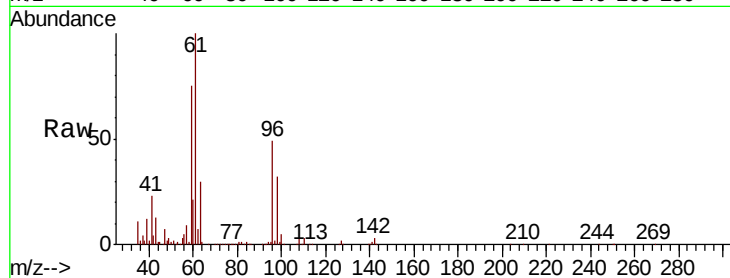
Ion 54.10 (53.80 to 54.80): VL0





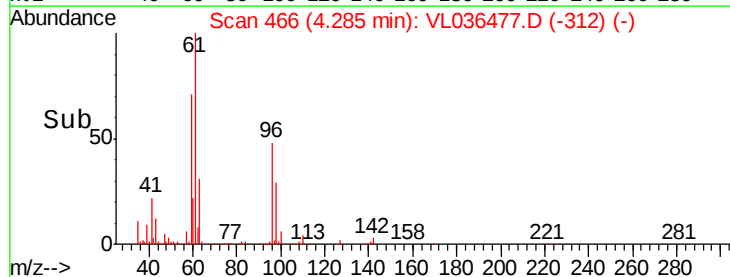
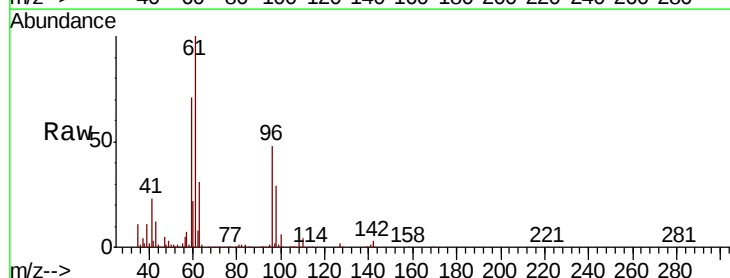
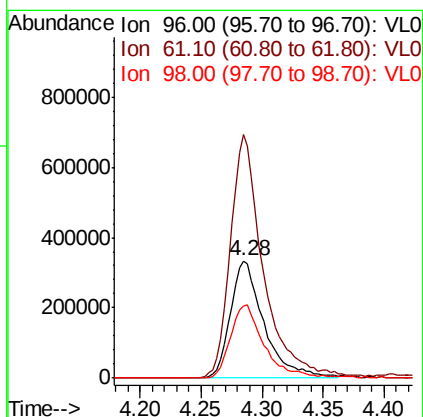
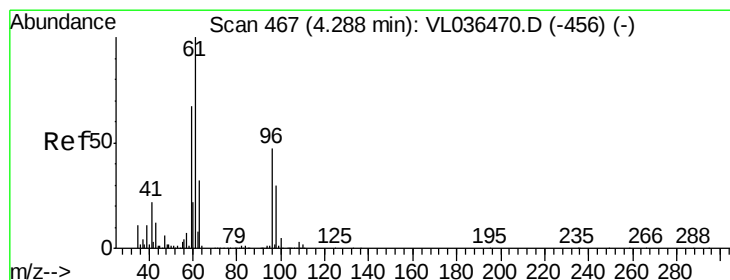
#17
 tert-Butyl alcohol
 Concen: 7.986 ppbv
 RT: 4.29
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 25 Mar 2021 8:30

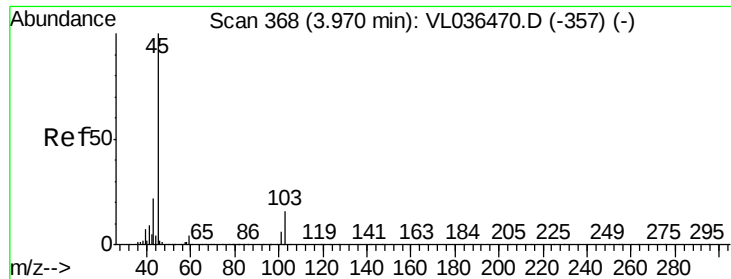
Tot Ion: 59 Resp: 1191115
 Ion Ratio Lower Upper
 59 100
 57 10.8 8.8 13.2



#18
 1,1-Dichloroethene
 Concen: 8.403 ppbv
 RT: 4.28 min Scan# 466
 Delta R.T. -0.00 min
 Lab File: VL036477.D
 Acq: 25 Mar 2021 6:30

Tgt Ion: 96 Resp: 640758
 Ion Ratio Lower Upper
 96 100
 61 208.2 168.6 253.0
 98 61.2 50.8 76.2





#19

Isopropyl Alcohol

Concen: 7.753 ppbv

RT: 3.97 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

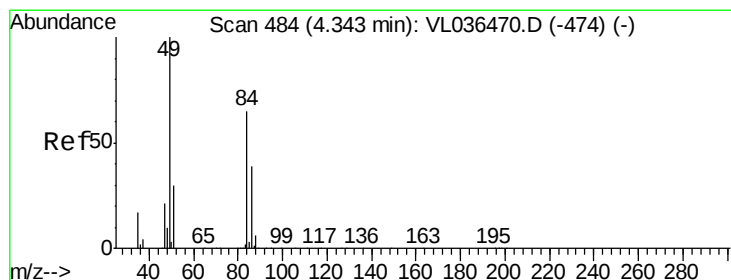
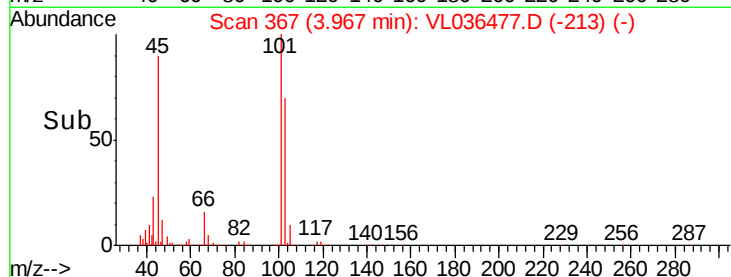
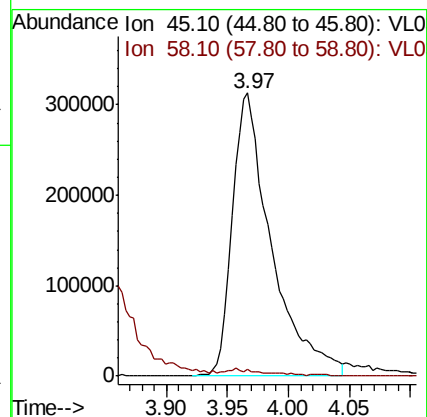
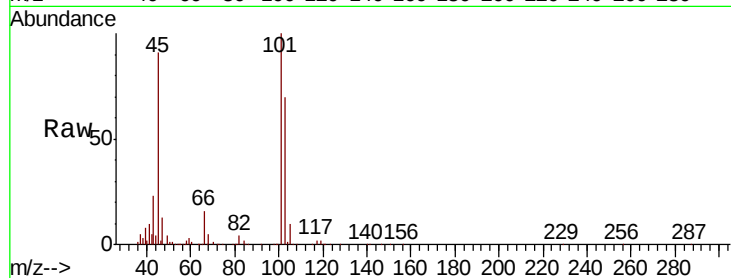
Acq: 25 Mar 2021 8:30

Tot Ion: 45 Resp: 699513

Ion Ratio Lower Upper

45 100

58 1.8 2.3 3.5#



#20

Methylene Chloride

Concen: 6.898 ppbv

RT: 4.34 min Scan# 484

Delta R.T. -0.00 min

Lab File: VL036477.D

Acq: 25 Mar 2021 6:30

Tgt Ion: 84 Resp: 553455

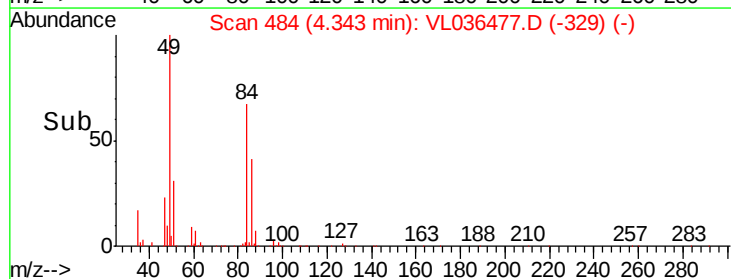
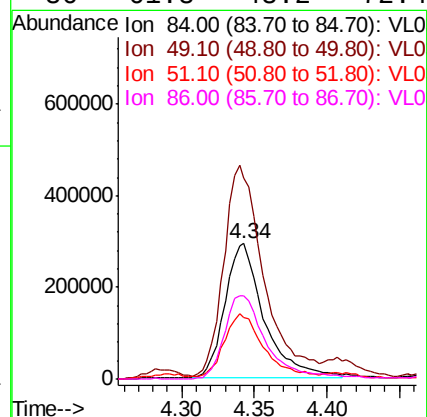
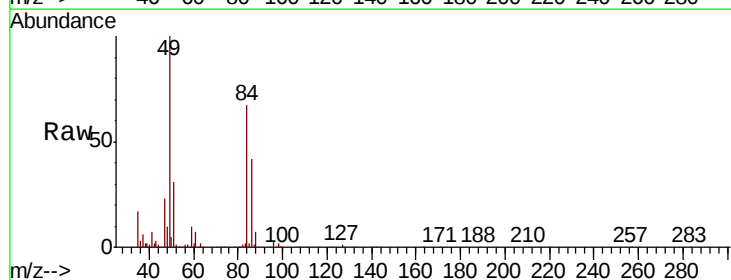
Ion Ratio Lower Upper

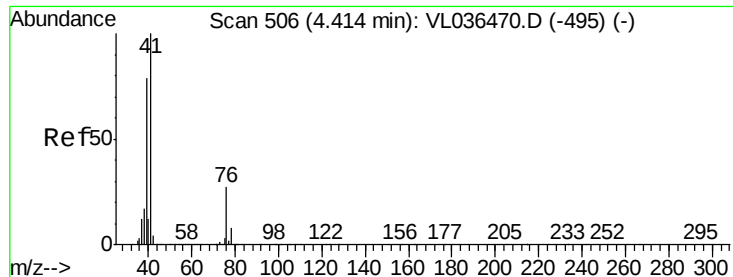
84 100

49 147.1 122.9 184.3

51 44.2 36.9 55.3

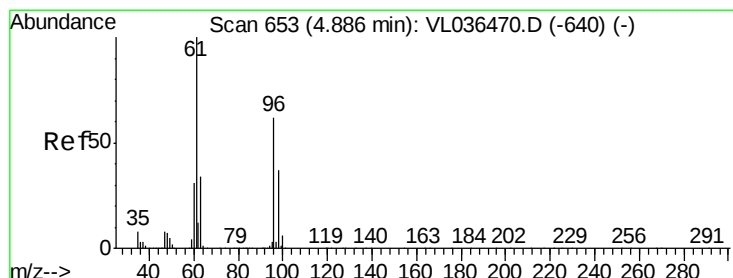
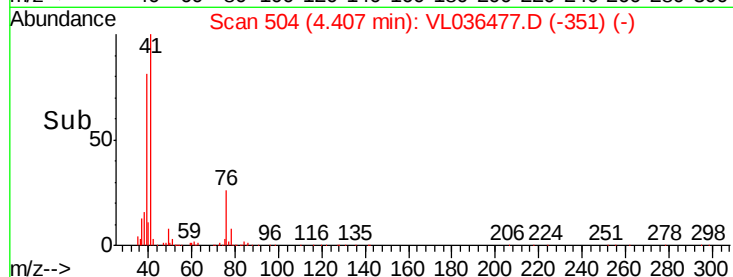
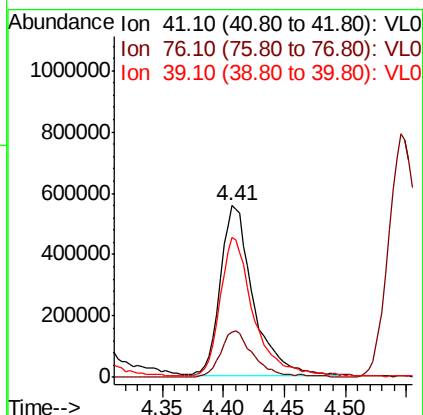
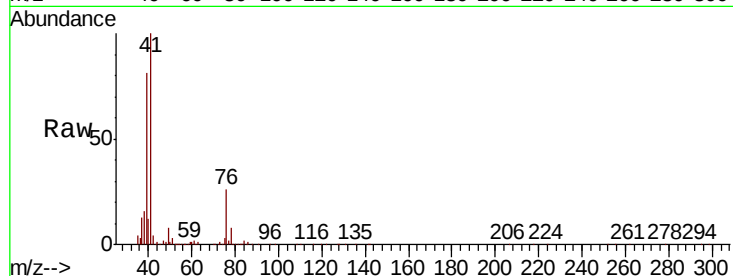
86 61.8 48.2 72.4





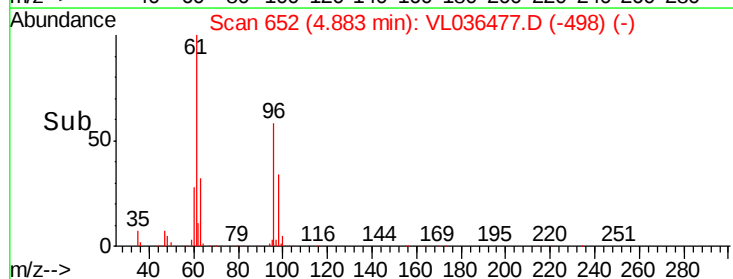
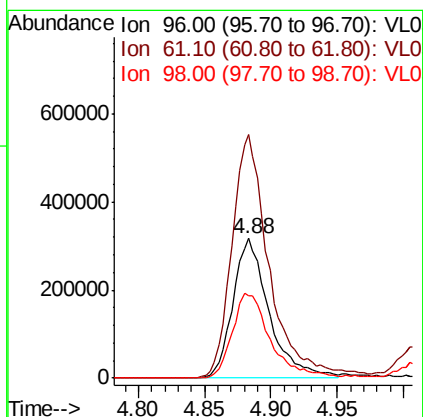
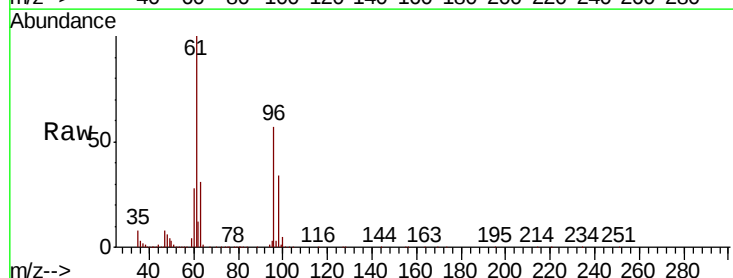
#21
Allvl Chloride
Concen: 7.636 ppbv
RT: 4.41 min
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 25 Mar 2021 8:30

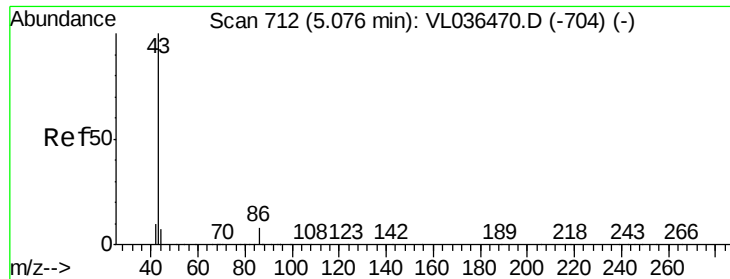
Tot Ion: 41 Resp: 1037729
Ion Ratio Lower Upper
41 100
76 28.1 22.9 34.3
39 83.9 69.4 104.0



#22
trans-1,2-Dichloroethene
Concen: 7.926 ppbv
RT: 4.88 min Scan# 652
Delta R.T. -0.00 min
Lab File: VL036477.D
Acq: 25 Mar 2021 6:30

Tgt Ion: 96 Resp: 602349
Ion Ratio Lower Upper
96 100
61 174.1 129.4 194.0
98 59.3 48.2 72.4

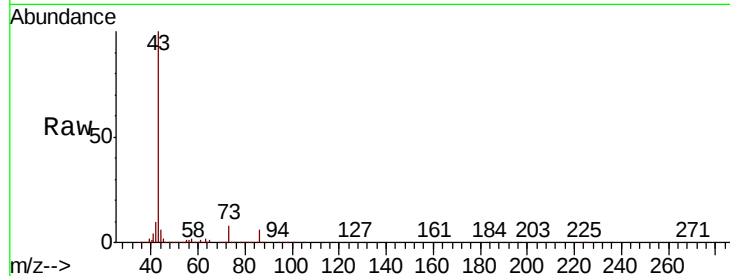




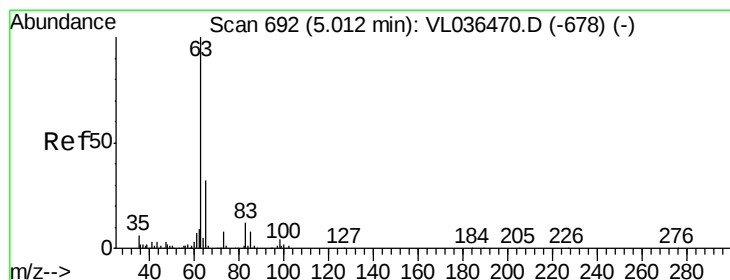
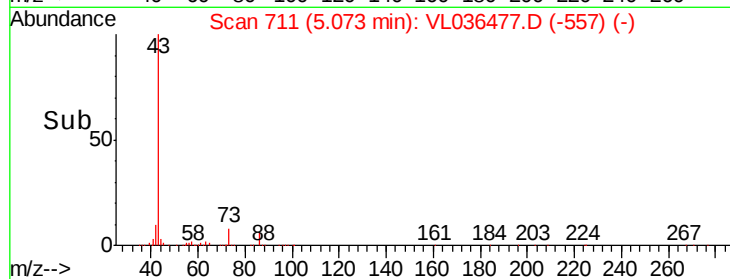
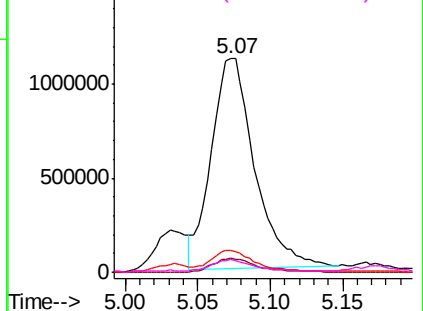
#23
 Vinyl Acetate
 Concen: 8.008 ppbv
 RT: 5.07
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 25 Mar 2021 8:30

Tot Ion: 43 Resp: 2327972

Ion	Ratio	Lower	Upper
43	100		
86	6.3	5.4	8.0
42	10.2	8.5	12.7
44	5.2	4.6	7.0



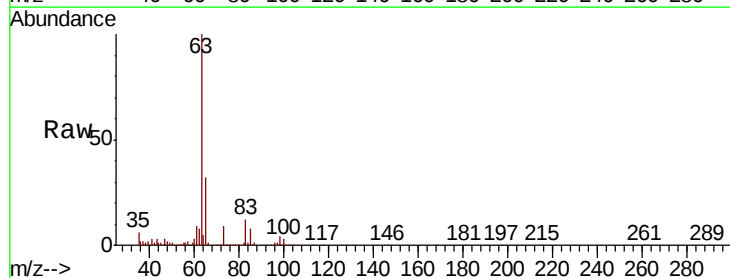
Abundance Ion 43.10 (42.80 to 43.80): VL0
 Ion 86.10 (85.80 to 86.80): VL0
 Ion 42.10 (41.80 to 42.80): VL0
 Ion 44.10 (43.80 to 44.80): VL0



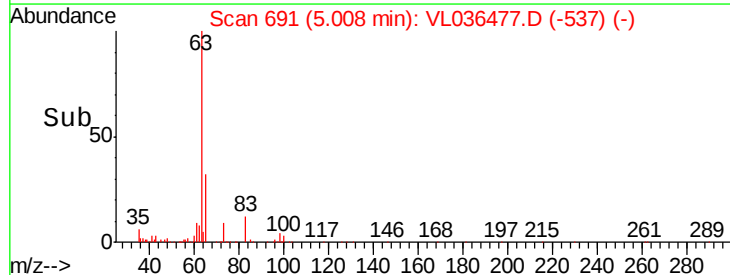
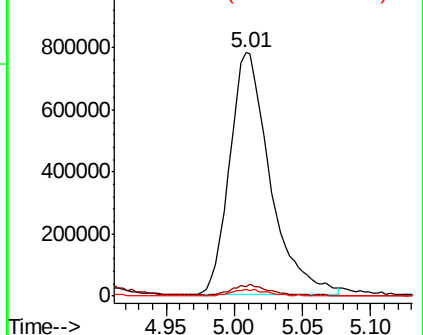
#24
 1,1-Dichloroethane
 Concen: 7.576 ppbv
 RT: 5.01 min Scan# 691
 Delta R.T. -0.00 min
 Lab File: VL036477.D
 Acq: 25 Mar 2021 6:30

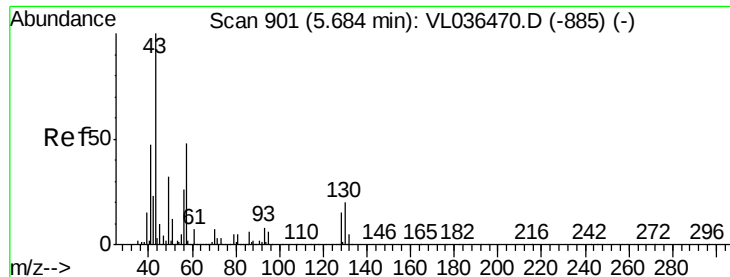
Tgt Ion: 63 Resp: 1612108

Ion	Ratio	Lower	Upper
63	100		
98	3.8	2.1	6.2
100	2.9	0.9	2.8#



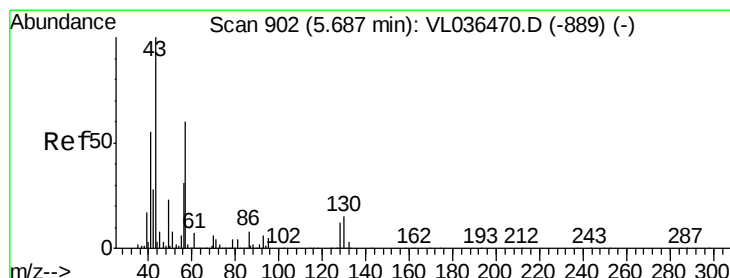
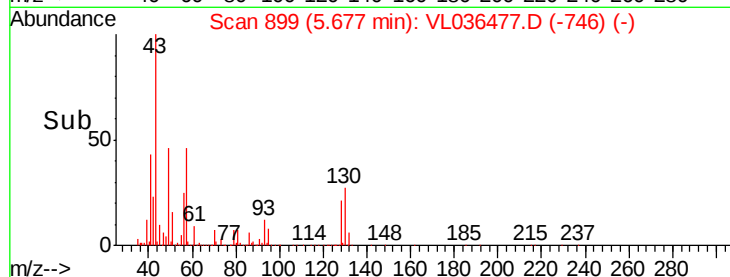
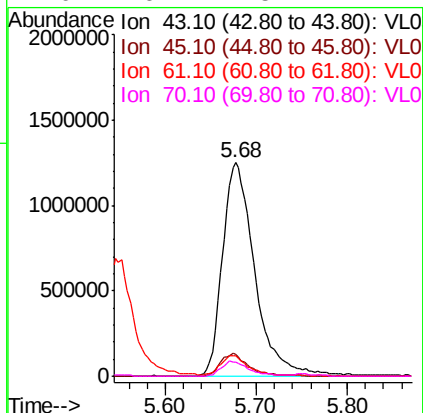
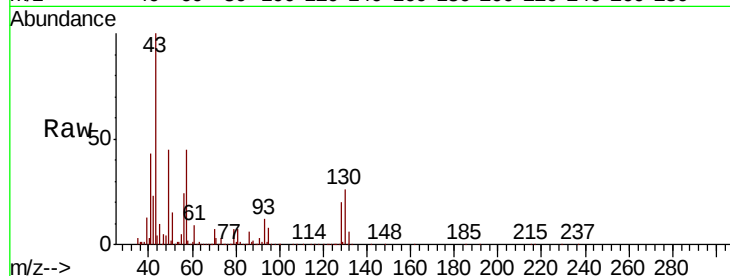
Abundance Ion 63.10 (62.80 to 63.80): VL0
 Ion 98.00 (97.70 to 98.70): VL0
 Ion 100.00 (99.70 to 100.70): VL0





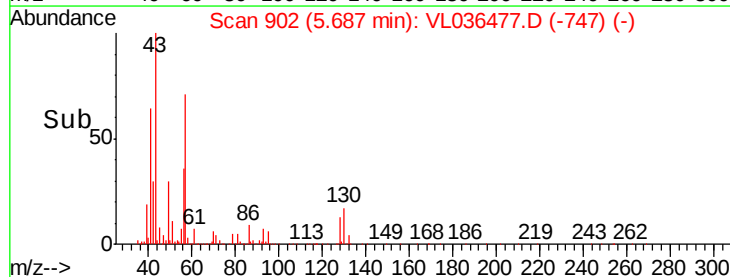
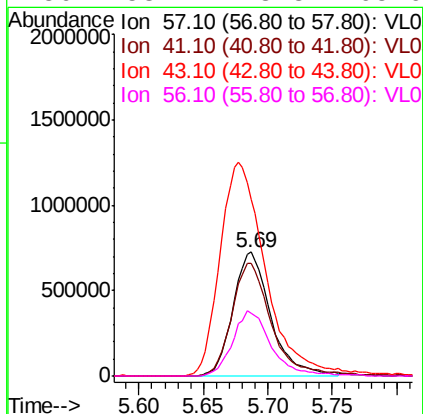
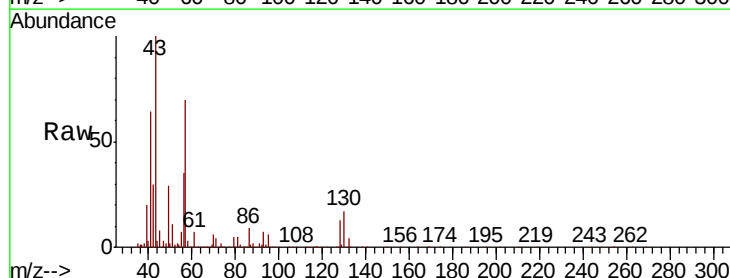
#25
Ethyl Acetate
Concen: 7.569 ppbv
RT: 5.68
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 25 Mar 2021 8:30

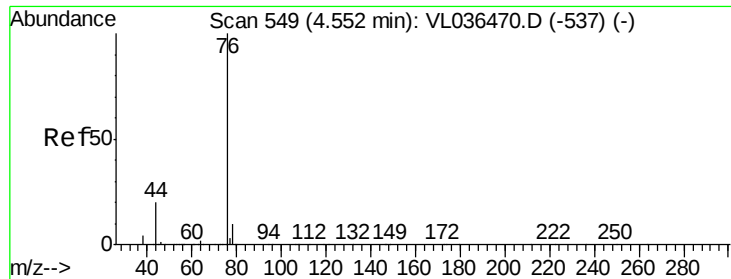
Tot Ion:	43	Resp:	3069956
Ion	Ratio	Lower	Upper
43	100		
45	9.6	7.9	11.9
61	8.4	7.4	11.2
70	6.2	5.1	7.7



#26
Hexane
Concen: 7.880 ppbv
RT: 5.69 min Scan# 902
Delta R.T.: -0.00 min
Lab File: VL036477.D
Acq: 25 Mar 2021 6:30

Tgt Ion:	57	Resp:	1481629
Ion	Ratio	Lower	Upper
57	100		
41	95.7	77.3	115.9
43	208.9	174.8	262.2
56	53.7	43.8	65.6





#27

Carbon Disulfide

Concen: 8.547 ppbv

RT: 4.55 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 25 Mar 2021 0:30

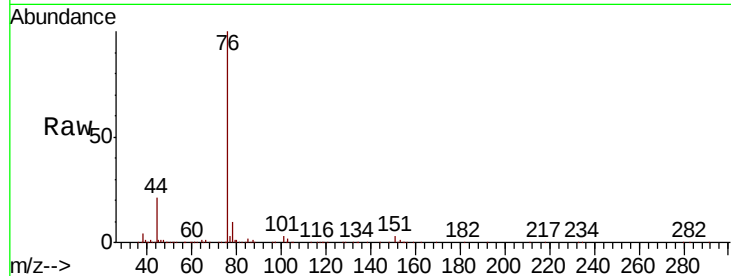
Tot Ion: 76 Resp: 1578548

Ion Ratio Lower Upper

76 100

44 20.9 17.5 26.3

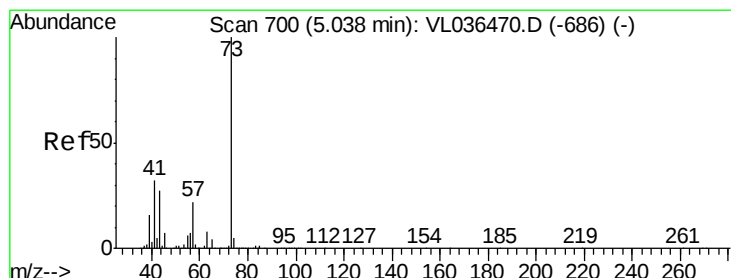
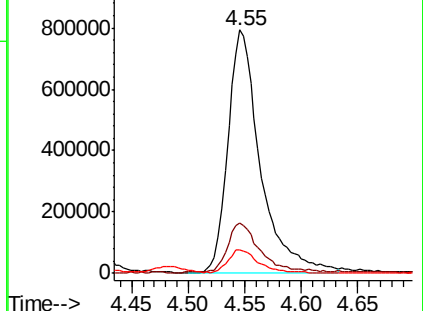
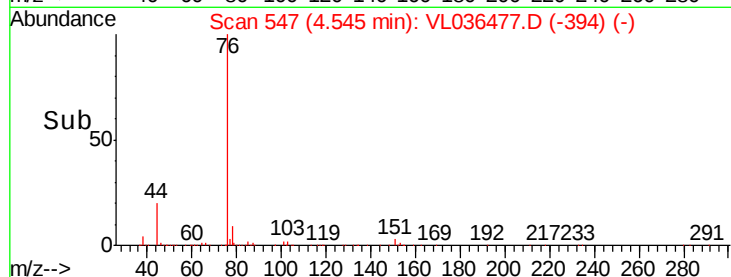
78 10.3 8.6 13.0



Abundance Ion 76.00 (75.70 to 76.70): VL0

Ion 44.10 (43.80 to 44.80): VL0

Ion 78.00 (77.70 to 78.70): VL0



#28

Methyl tert-Butyl Ether

Concen: 7.893 ppbv

RT: 5.04 min Scan# 700

Delta R.T. -0.00 min

Lab File: VL036477.D

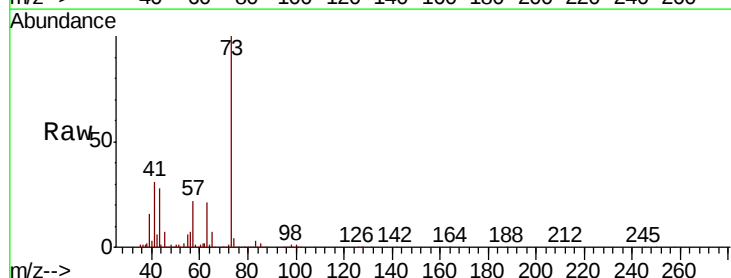
Acq: 25 Mar 2021 6:30

Tgt Ion: 73 Resp: 1694768

Ion Ratio Lower Upper

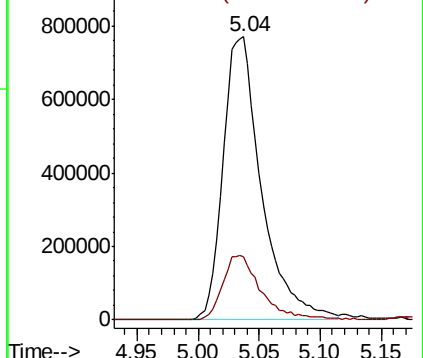
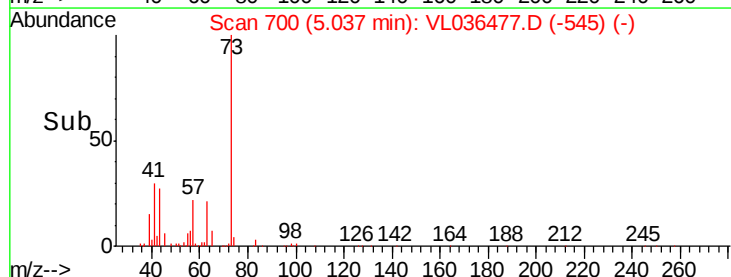
73 100

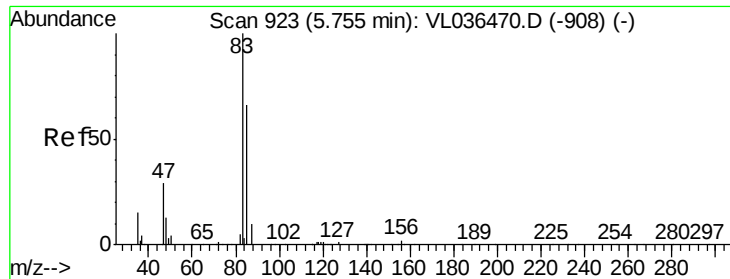
57 23.1 18.6 27.8



Abundance Ion 73.10 (72.80 to 73.80): VL0

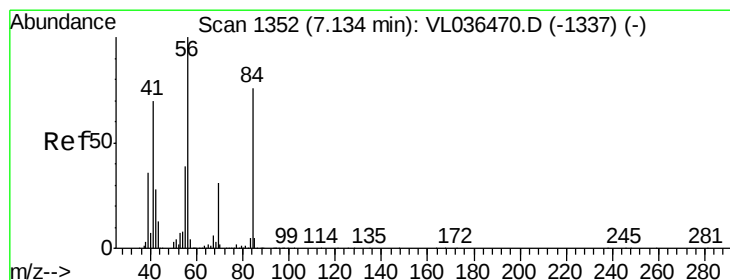
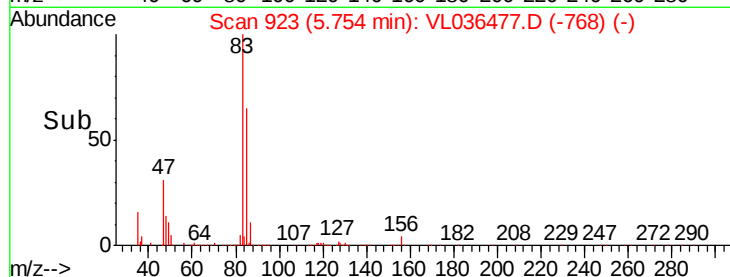
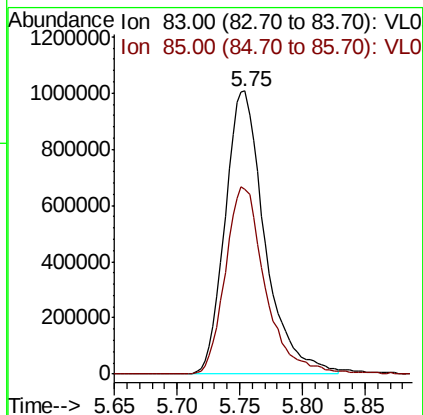
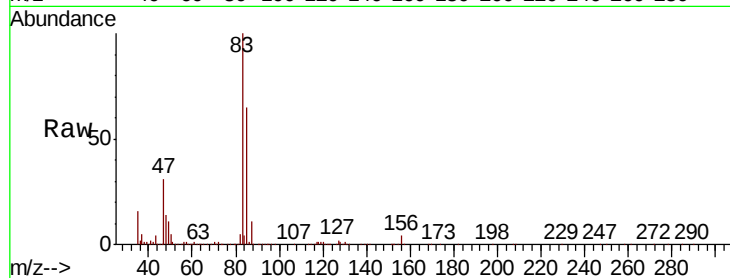
Ion 57.10 (56.80 to 57.80): VL0





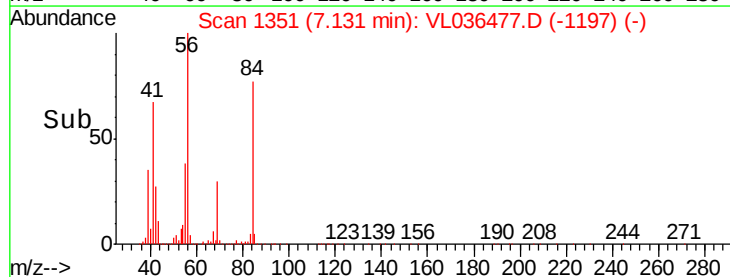
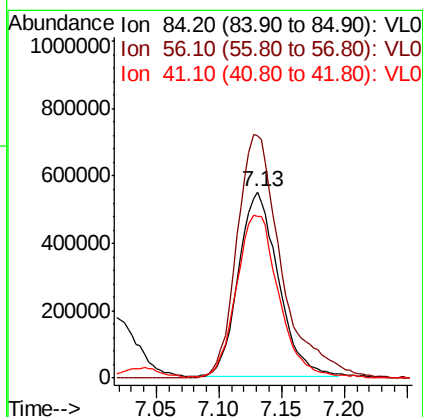
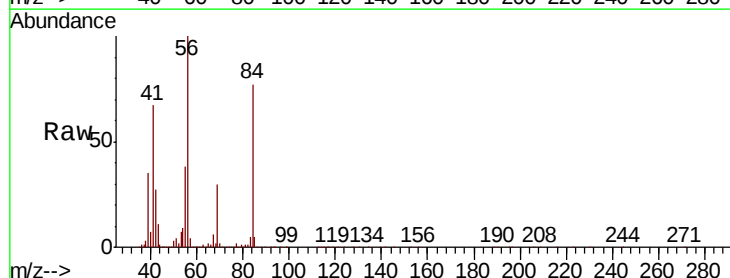
#29
Chloroform
Concen: 7.513 ppbv
RT: 5.75 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
Acq: 25 Mar 2021 6:30

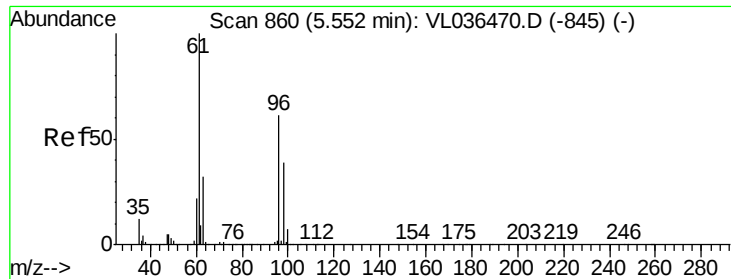
Tot Ion: 83 Resp: 2220358
Ion Ratio Lower Upper
83 100
85 64.9 52.6 78.8



#30
Cyclohexane
Concen: 7.914 ppbv
RT: 7.13 min Scan# 1351
Delta R.T.: -0.00 min
Lab File: VL036477.D
Acq: 25 Mar 2021 6:30

Tgt Ion: 84 Resp: 1205324
Ion Ratio Lower Upper
84 100
56 148.7 114.6 171.8
41 94.9 75.3 112.9





#31

cis-1,2-Dichloroethene

Concen: 8.023 ppbv

RT: 5.55 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 25 Mar 2021 0:30

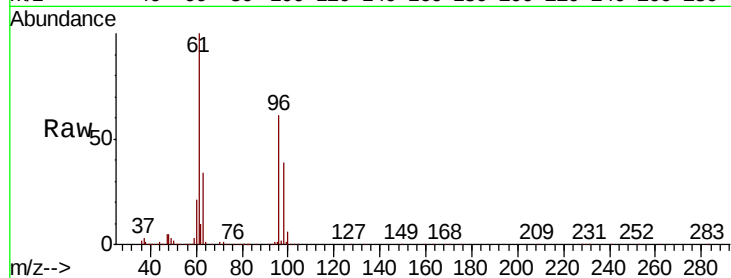
Tot Ion: 61 Resp: 1455951

Ion Ratio Lower Upper

61 100

96 61.4 48.7 73.1

98 39.0 31.4 47.0



Abundance Ion 61.10 (60.80 to 61.80): VL0
Ion 96.00 (95.70 to 96.70): VL0
Ion 98.00 (97.70 to 98.70): VL0

800000

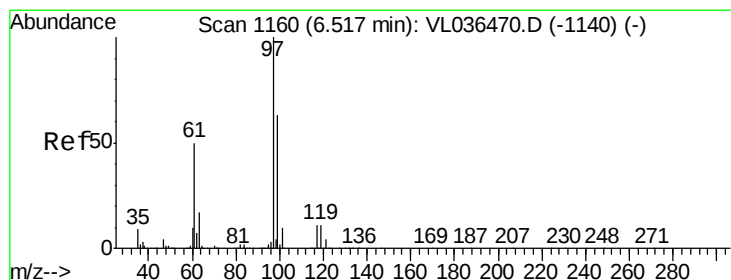
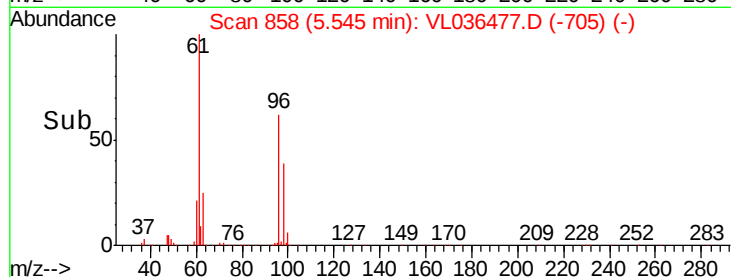
600000

400000

200000

0

Time--> 5.45 5.50 5.55 5.60 5.65



#32

1,1,1-Trichloroethane

Concen: 7.422 ppbv

RT: 6.51 min Scan# 1158

Delta R.T. -0.01 min

Lab File: VL036477.D

Acq: 25 Mar 2021 6:30

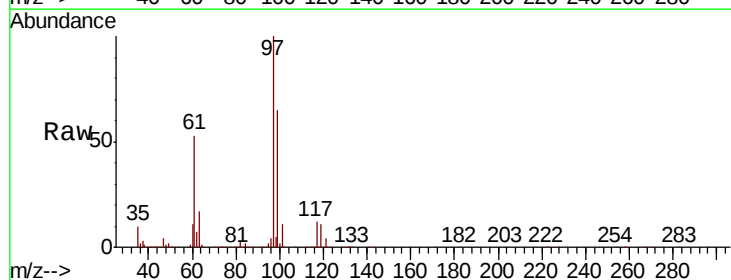
Tgt Ion: 97 Resp: 2262130

Ion Ratio Lower Upper

97 100

99 64.7 51.4 77.0

61 50.6 40.6 60.8



Abundance Ion 97.00 (96.70 to 97.70): VL0
Ion 99.00 (98.70 to 99.70): VL0
Ion 61.10 (60.80 to 61.80): VL0

1200000

1000000

800000

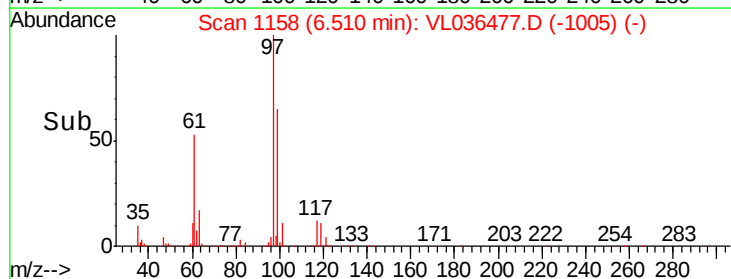
600000

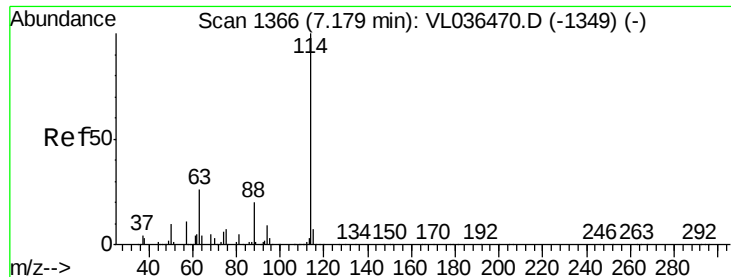
400000

200000

0

Time--> 6.40 6.50 6.60

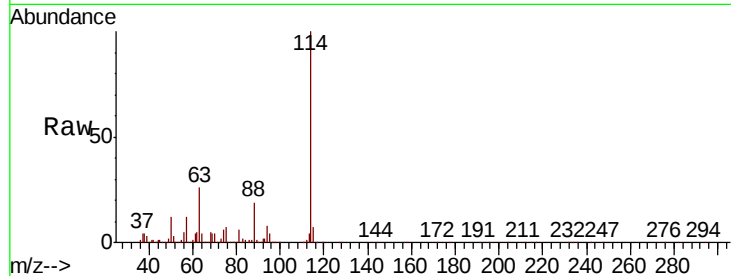




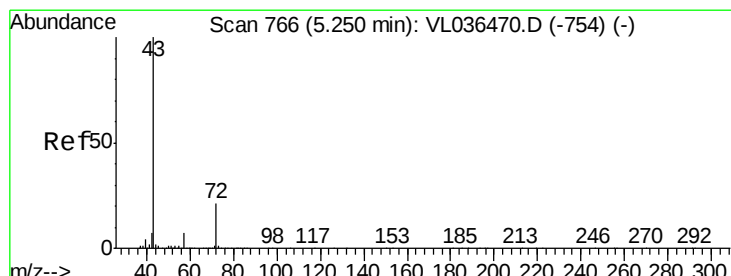
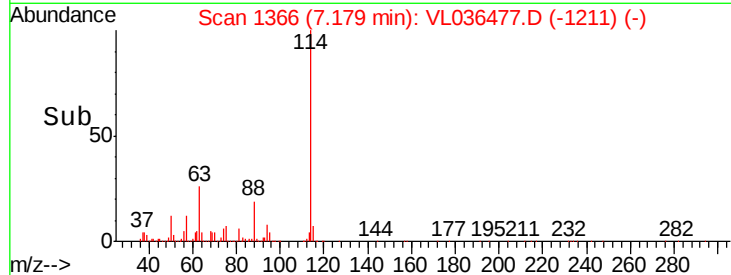
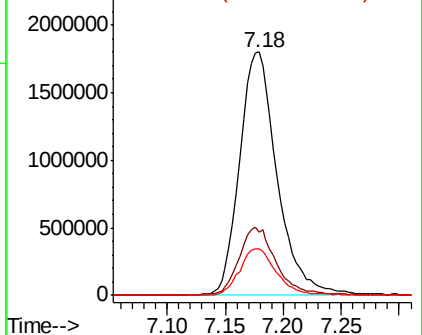
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.18 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 Acq: 25 Mar 2021 8:30

Tot Ion:114 Resp: 4042661

Ion	Ratio	Lower	Upper
114	100		
63	28.2	22.4	33.6
88	19.1	15.4	23.0



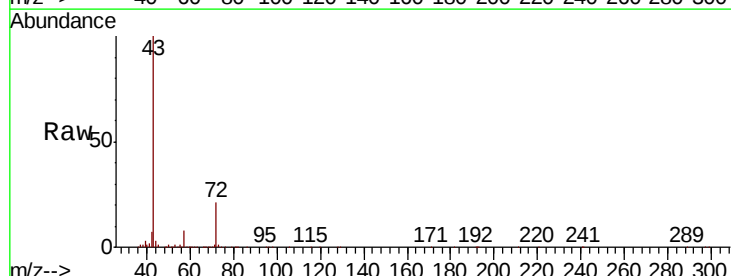
Abundance Ion 114.10 (113.80 to 114.80): VL0
 Ion 63.10 (62.80 to 63.80): VL0
 Ion 88.10 (87.80 to 88.80): VL0



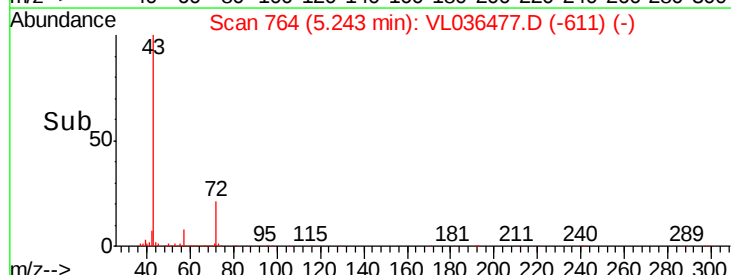
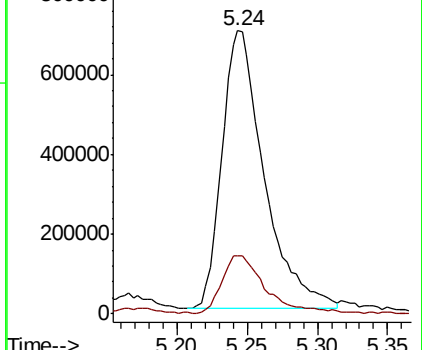
#34
 2-Butanone
 Concen: 7.977 ppbv
 RT: 5.24 min Scan# 764
 Delta R.T.: -0.01 min
 Lab File: VL036477.D
 Acq: 25 Mar 2021 6:30

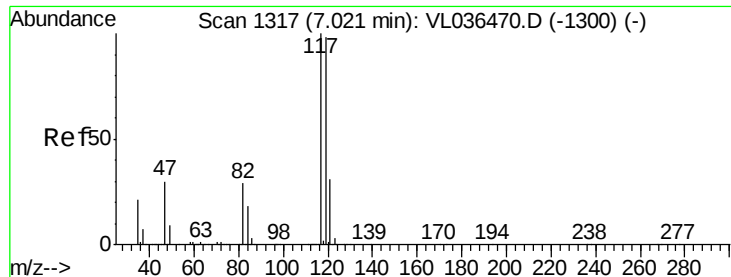
Tgt Ion: 43 Resp: 1457463

Ion	Ratio	Lower	Upper
43	100		
72	22.0	17.0	25.6



Abundance Ion 43.10 (42.80 to 43.80): VL0
 Ion 72.10 (71.80 to 72.80): VL0





#35

Carbon Tetrachloride

Concen: 7.490 ppbv

RT: 7.02 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 25 Mar 2021 8:30

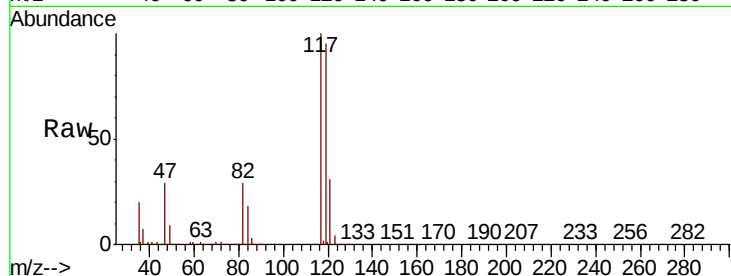
Tot Ion:117 Resp: 2325825

Ion Ratio Lower Upper

117 100

119 94.5 78.2 117.2

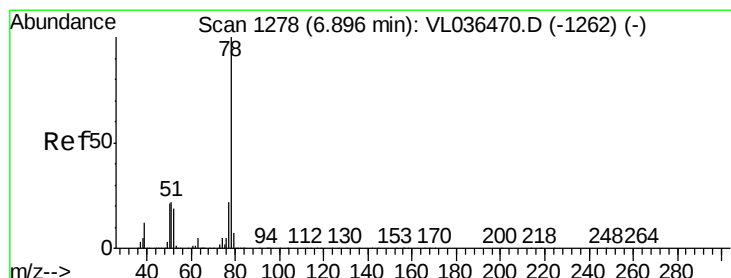
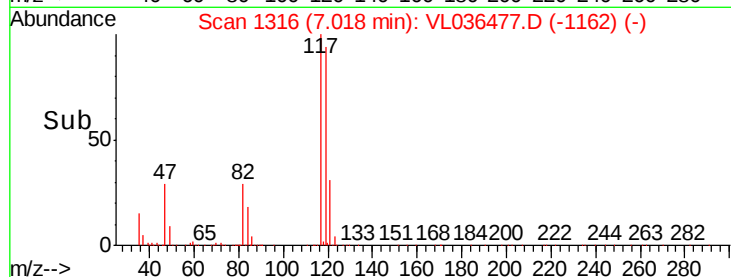
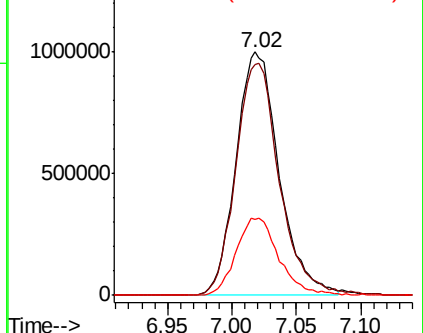
121 31.3 24.5 36.7



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V

Ion 121.00 (120.70 to 121.70): V



#36

Benzene

Concen: 8.046 ppbv

RT: 6.89 min Scan# 1277

Delta R.T. -0.00 min

Lab File: VL036477.D

Acq: 25 Mar 2021 6:30

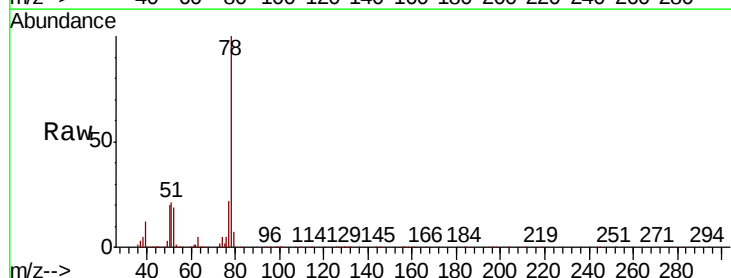
Tgt Ion: 78 Resp: 2999853

Ion Ratio Lower Upper

78 100

77 22.4 18.0 27.0

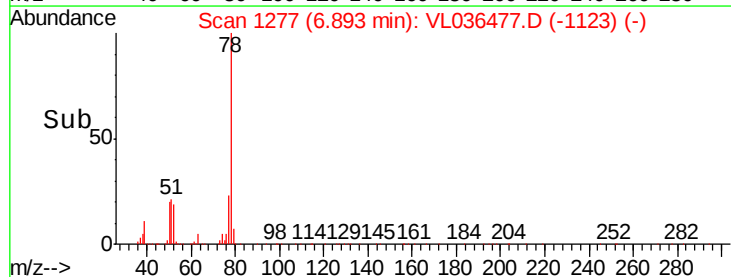
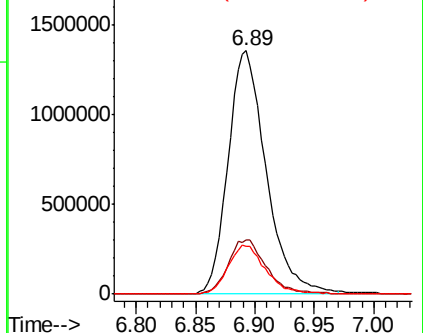
50 19.8 16.5 24.7

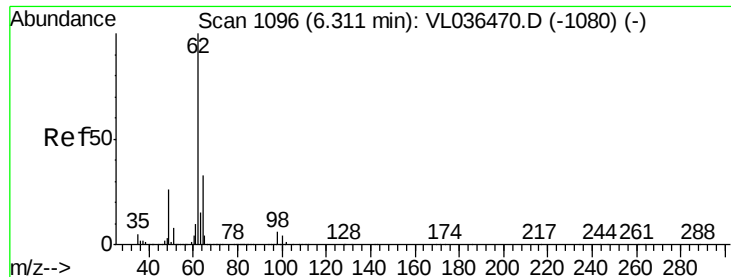


Abundance Ion 78.10 (77.80 to 78.80): VL0

Ion 77.10 (76.80 to 77.80): VL0

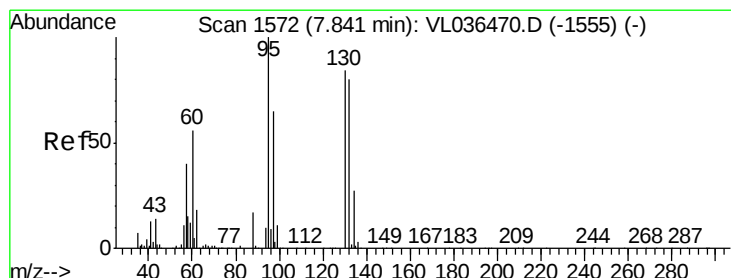
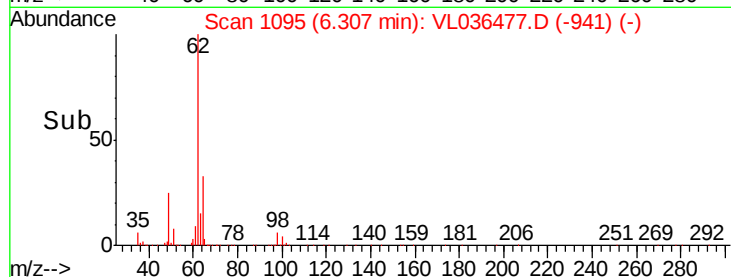
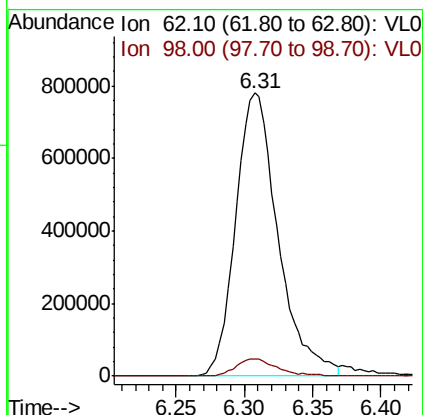
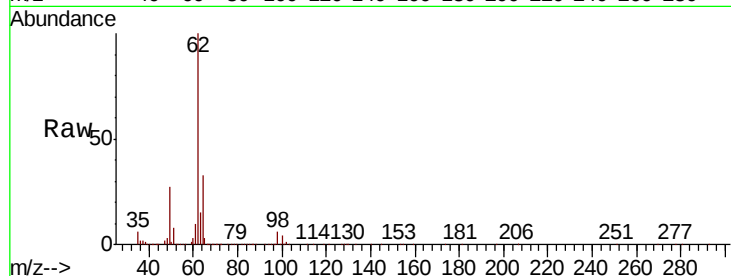
Ion 50.10 (49.80 to 50.80): VL0





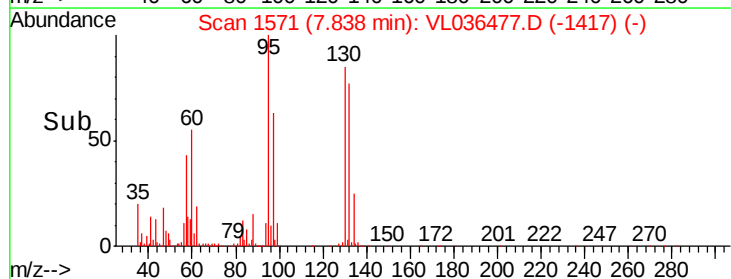
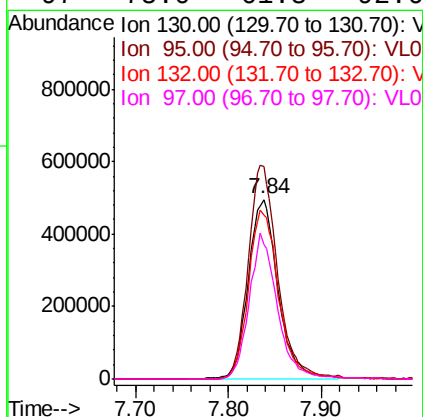
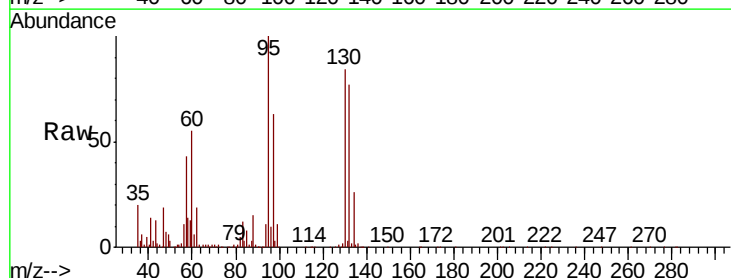
#37
 1,2-Dichloroethane
 Concen: 7.703 ppbv
 RT: 6.31
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 Acq: 25 Mar 2021 6:30

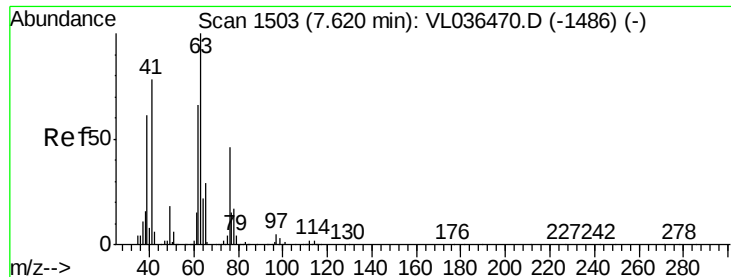
Tot Ion: 62 Resp: 1690407
 Ion Ratio Lower Upper
 62 100
 98 6.2 4.7 7.1



#38
 Trichloroethene
 Concen: 7.645 ppbv
 RT: 7.84 min Scan# 1571
 Delta R.T. -0.00 min
 Lab File: VL036477.D
 Acq: 25 Mar 2021 6:30

Tgt Ion: 130 Resp: 1109245
 Ion Ratio Lower Upper
 130 100
 95 118.4 95.7 143.5
 132 91.7 76.2 114.4
 97 75.0 61.8 92.6





#39

1,2-Dichloropropane

Concen: 7.925 ppbv

RT: 7.62 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 25 Mar 2021 8:30

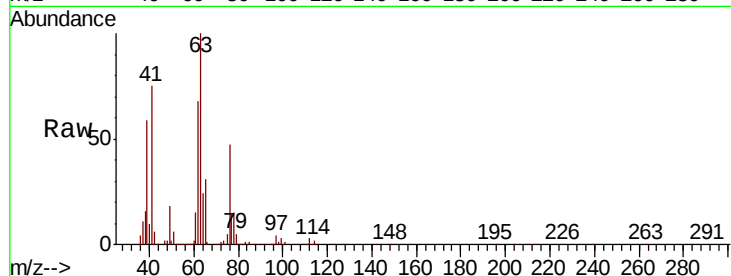
Tot Ion: 63 Resp: 1198676

Ion Ratio Lower Upper

63 100

41 74.5 62.4 93.6

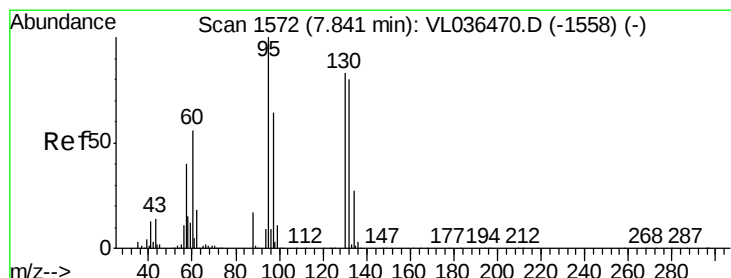
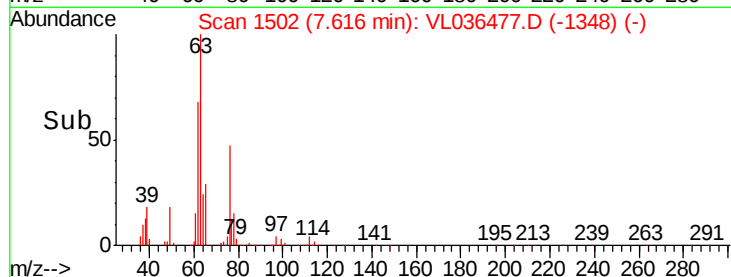
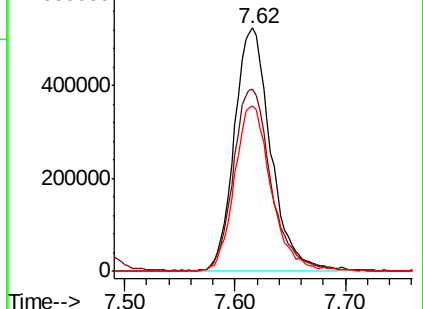
62 68.2 52.8 79.2



Abundance Ion 63.10 (62.80 to 63.80): VL0

Ion 41.10 (40.80 to 41.80): VL0

Ion 62.10 (61.80 to 62.80): VL0



#40

1,4-Dioxane

Concen: 6.213 ppbv

RT: 7.83 min Scan# 1570

Delta R.T. -0.01 min

Lab File: VL036477.D

Acq: 25 Mar 2021 6:30

Tgt Ion: 88 Resp: 218706

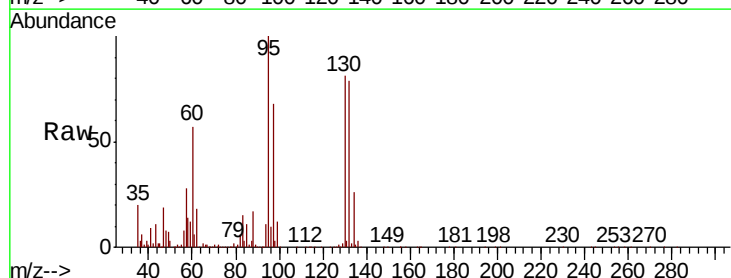
Ion Ratio Lower Upper

88 100

58 0.0 135.3 202.9#

43 0.0 347.4 521.0#

57 0.0 1481.4 2222.0#

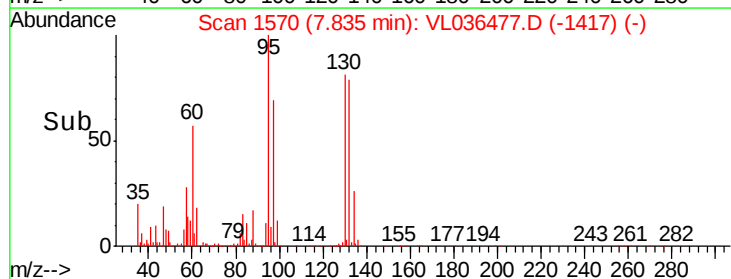
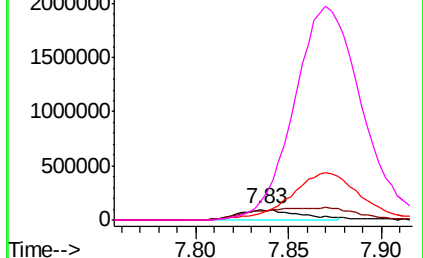


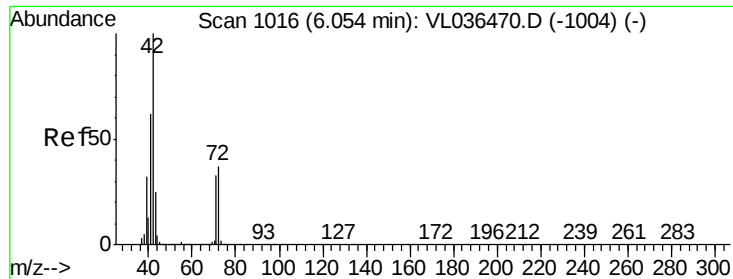
Abundance Ion 88.10 (87.80 to 88.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

Ion 43.10 (42.80 to 43.80): VL0

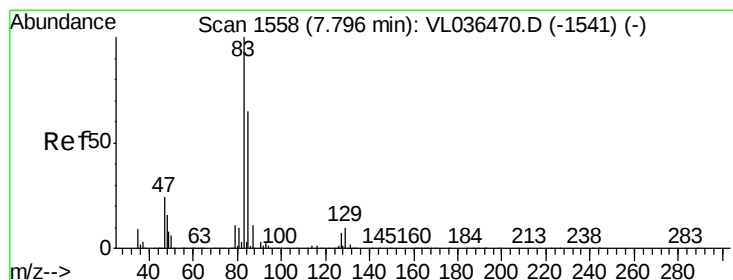
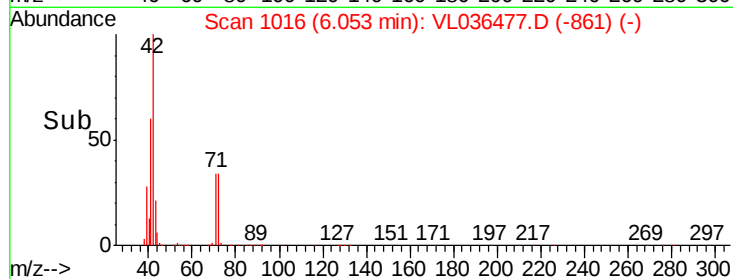
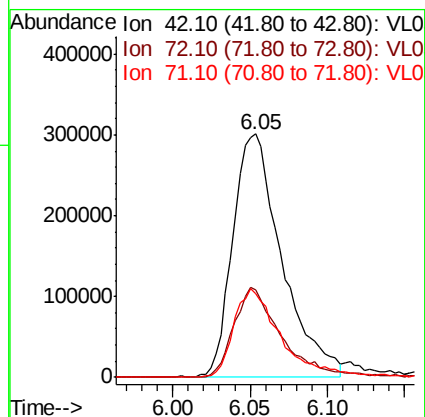
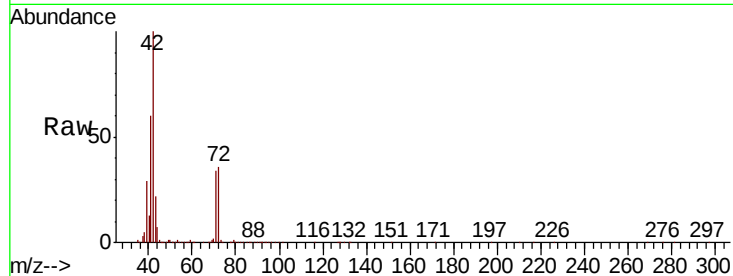
Ion 57.10 (56.80 to 57.80): VL0





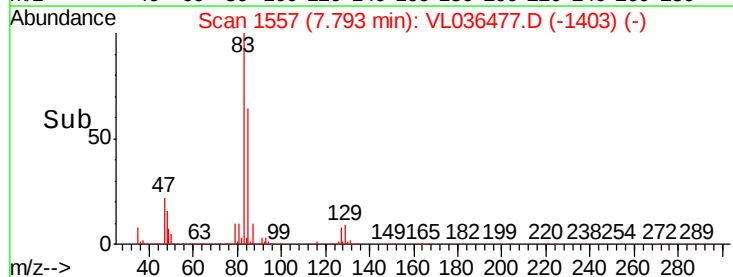
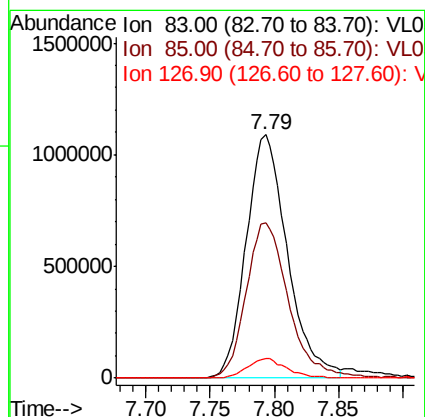
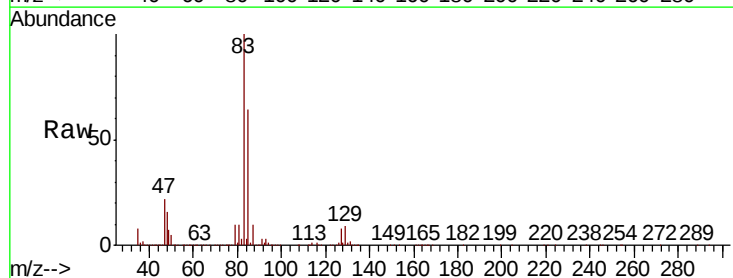
#41
Tetrahydrofuran
Concen: 7.909 ppbv
RT: 6.05
Instrument: MSVOA_L
Delta R.T.:
Lab File: ClientSampleId:
Acq: 25 Mar 2021 8:30

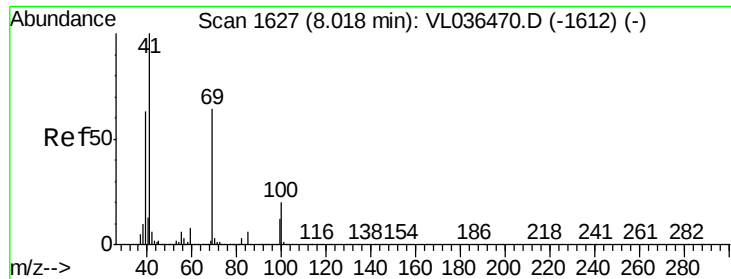
Tot Ion:	42	Resp:	661011
Ion	Ratio	Lower	Upper
42	100		
72	36.6	30.3	45.5
71	35.8	29.4	44.0



#42
Bromodichloromethane
Concen: 8.145 ppbv
RT: 7.79 min Scan# 1557
Delta R.T.: -0.00 min
Lab File: VL036477.D
Acq: 25 Mar 2021 6:30

Tgt Ion:	83	Resp:	2431319
Ion	Ratio	Lower	Upper
83	100		
85	63.8	51.8	77.6
127	7.9	5.8	8.8





#43

Methyl Methacrylate

Concen: 9.224 ppbv

RT: 8.02 Instrument:

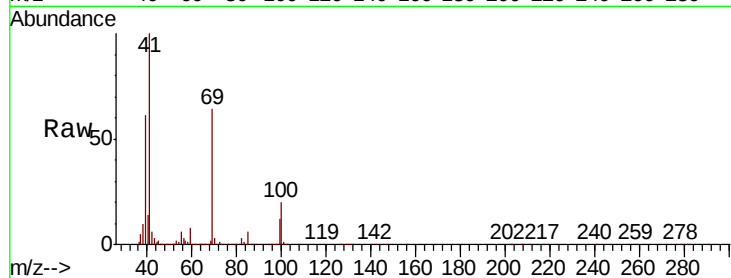
Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 25 Mar 2021 8:30

Tot Ion: 69 Resp: 1154774

Ion	Ratio	Lower	Upper
69	100		
41	160.5	126.8	190.2
100	31.3	24.9	37.3

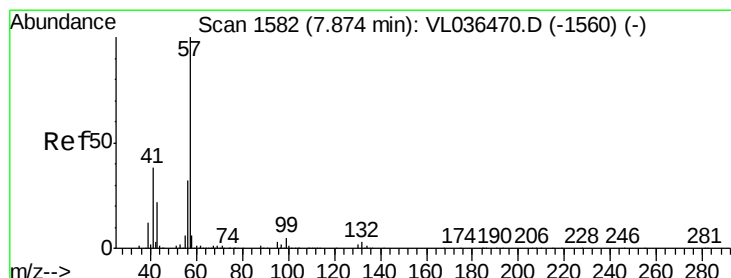
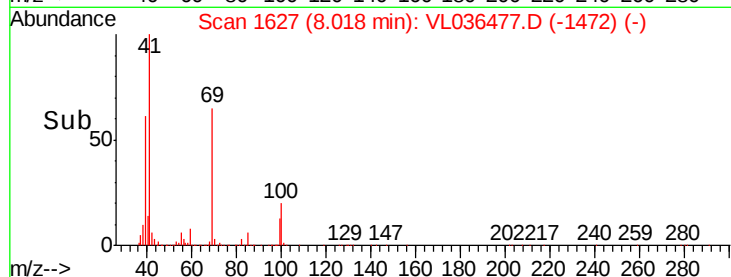
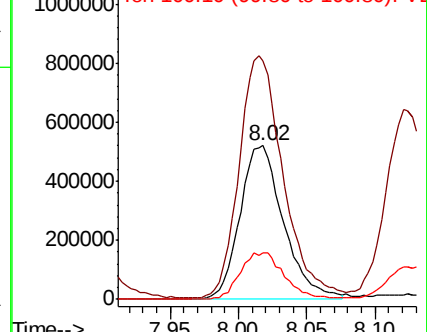


Abundance

Ion 69.10 (68.80 to 69.80): VL0

Ion 41.10 (40.80 to 41.80): VL0

Ion 100.10 (99.80 to 100.80): VL0



#44

2,2,4-Trimethylpentane

Concen: 7.779 ppbv

RT: 7.87 min Scan# 1581

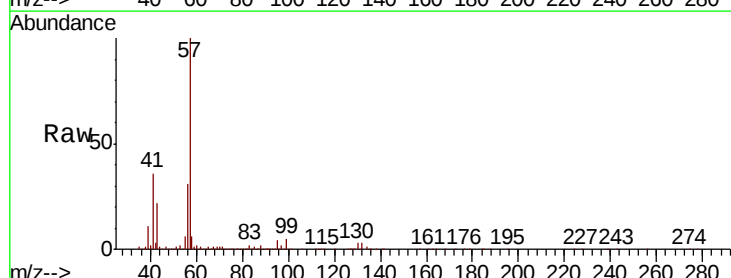
Delta R.T. -0.00 min

Lab File: VL036477.D

Acq: 25 Mar 2021 6:30

Tgt Ion: 57 Resp: 5104827

Ion	Ratio	Lower	Upper
57	100		
41	35.7	28.8	43.2
56	31.9	26.1	39.1

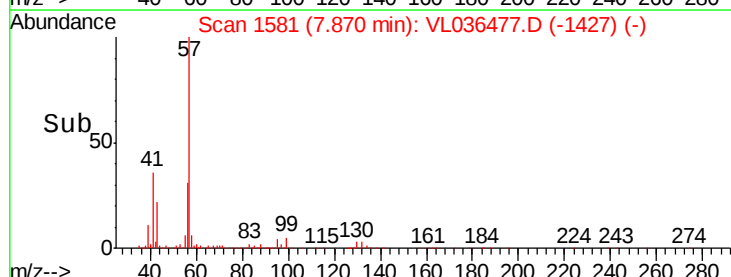
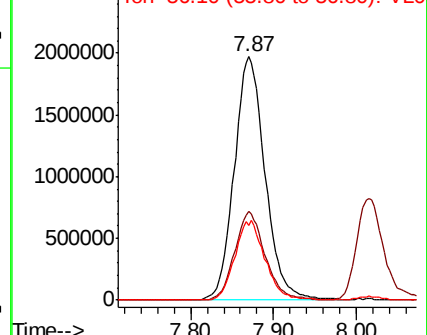


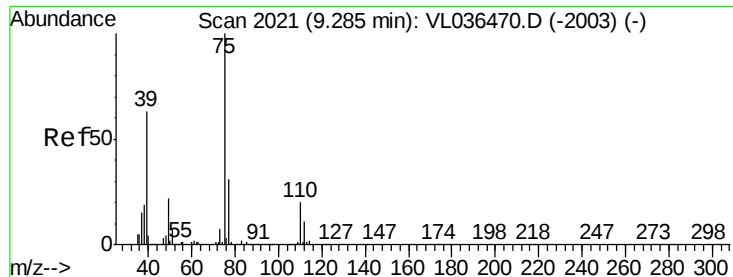
Abundance

Ion 57.10 (56.80 to 57.80): VL0

Ion 41.10 (40.80 to 41.80): VL0

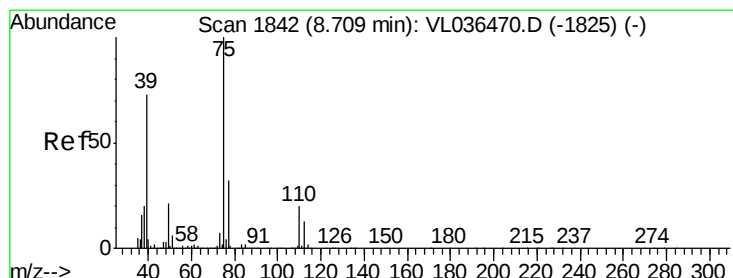
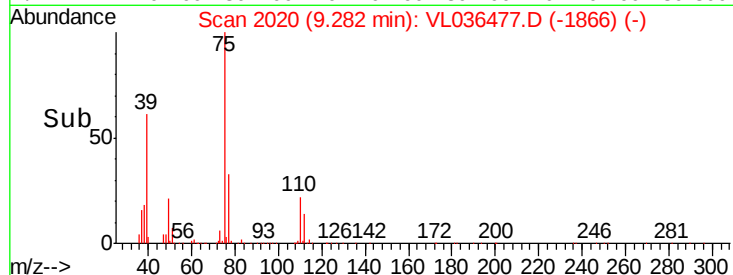
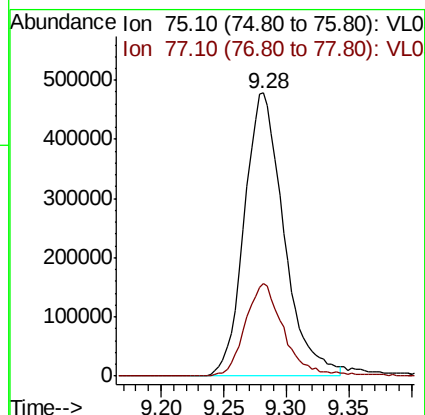
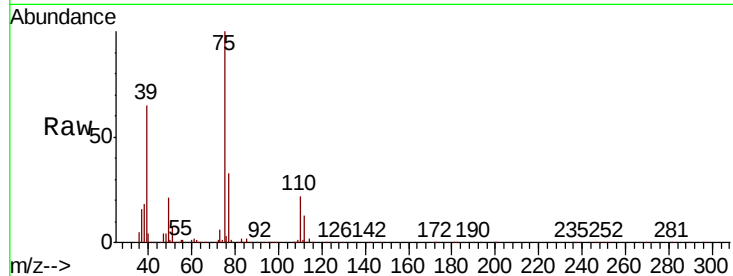
Ion 56.10 (55.80 to 56.80): VL0





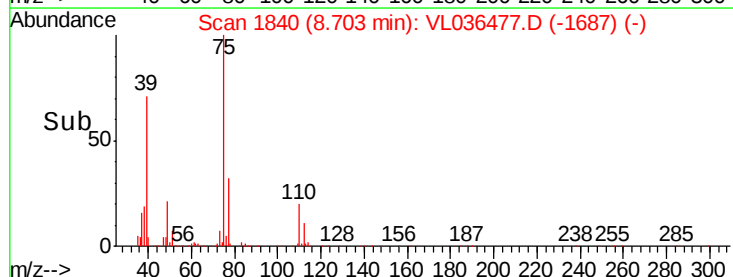
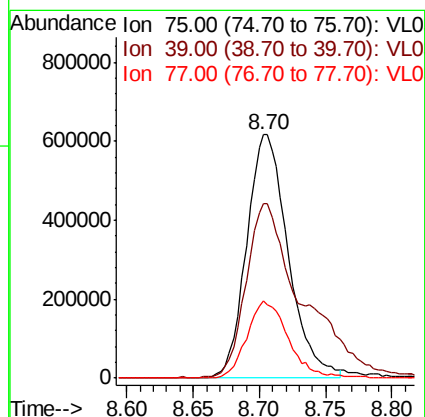
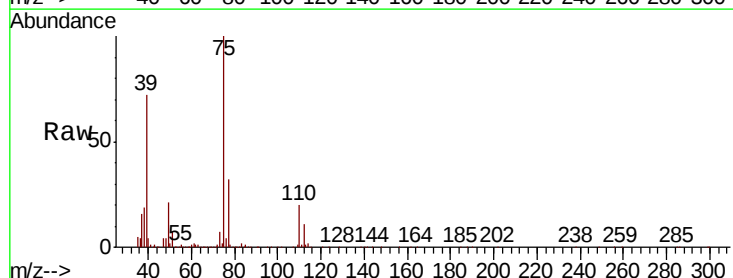
#45
 t-1,3-Dichloropropene
 Concen: 7.630 ppbv
 RT: 9.28 Instrument :
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 25 Mar 2021 8:30

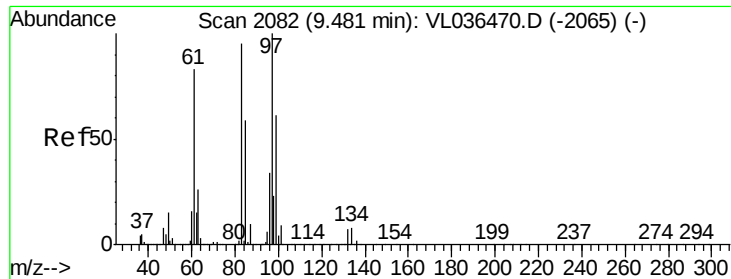
Tot Ion: 75 Resp: 1048580
 Ion Ratio Lower Upper
 75 100
 77 32.7 25.1 37.7



#46
 cis-1,3-Dichloropropene
 Concen: 7.332 ppbv
 RT: 8.70 min Scan# 1840
 Delta R.T. -0.01 min
 Lab File: VL036477.D
 Acq: 25 Mar 2021 6:30

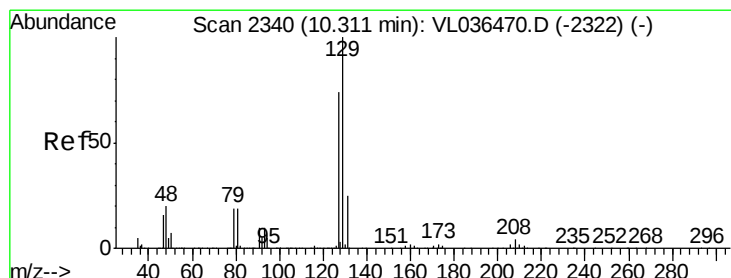
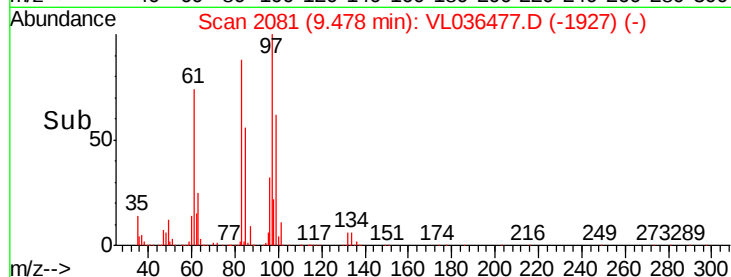
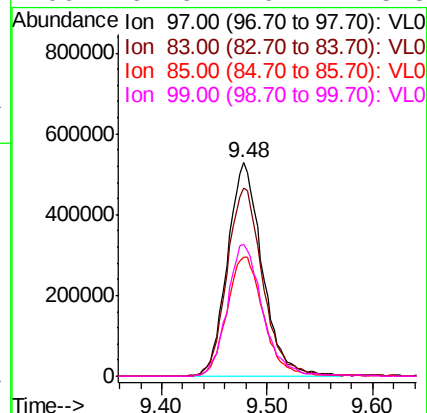
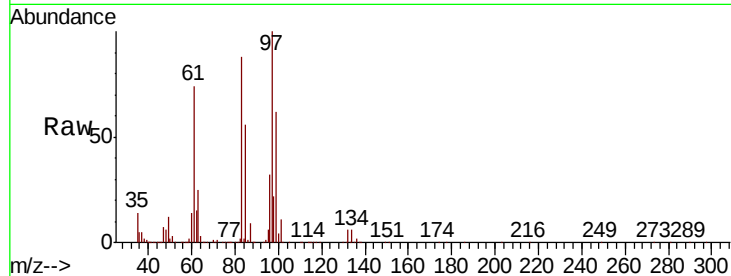
Tgt Ion: 75 Resp: 1339823
 Ion Ratio Lower Upper
 75 100
 39 71.1 58.2 87.2
 77 31.9 25.2 37.8





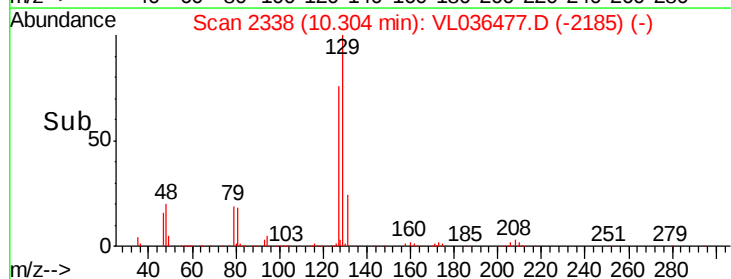
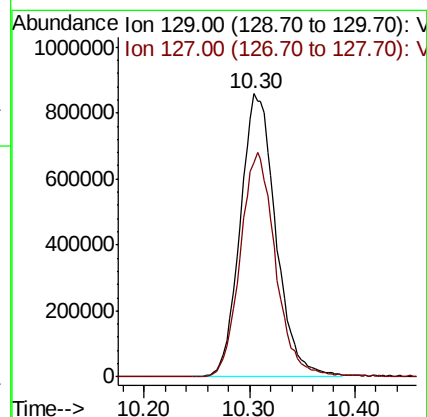
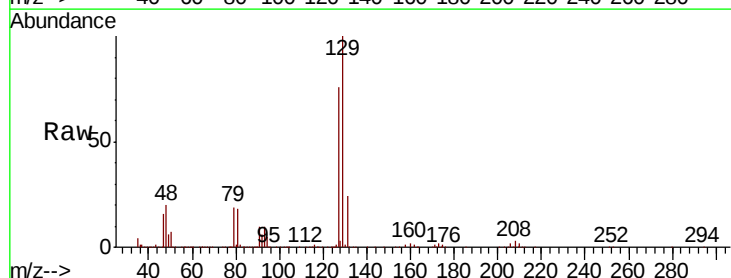
#47
 1,1,2-Trichloroethane
 Concen: 7.829 ppbv
 RT: 9.48 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 25 Mar 2021 8:30

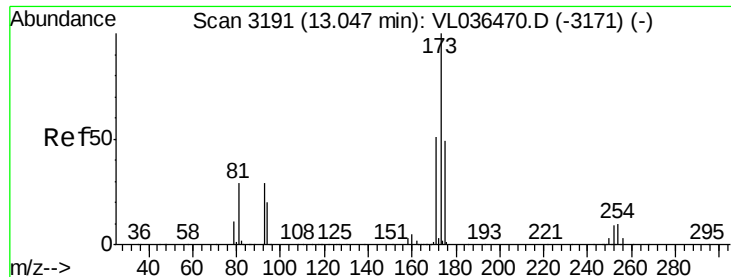
Tot Ion:	97	Resp:	1199317
Ion	Ratio	Lower	Upper
97	100		
83	87.8	75.8	113.8
85	55.7	47.1	70.7
99	61.6	49.2	73.8



#48
 Dibromochloromethane
 Concen: 8.592 ppbv
 RT: 10.30 min Scan# 2338
 Delta R.T. -0.01 min
 Lab File: VL036477.D
 Acq: 25 Mar 2021 6:30

Tgt Ion:	129	Resp:	2006493
Ion	Ratio	Lower	Upper
129	100		
127	78.7	39.6	118.8





#49

Bromoform

Concen: 8.697 ppbv

RT: 13.05

Delta R.T. MSVOA_L

Lab File:

Acq: 25 Mar 2021 0:30

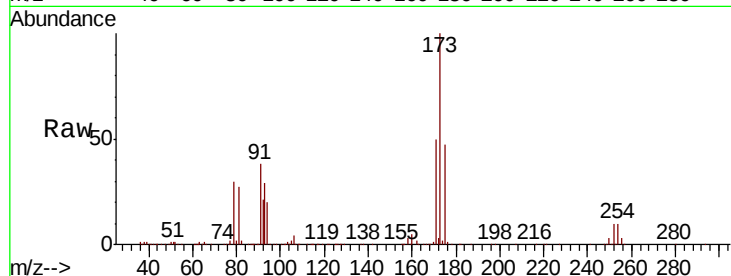
Tot Ion:173 Resp: 1636350

Ion Ratio Lower Upper

173 100

175 49.9 39.6 59.4

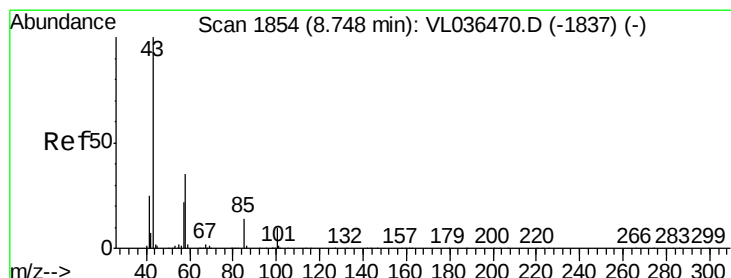
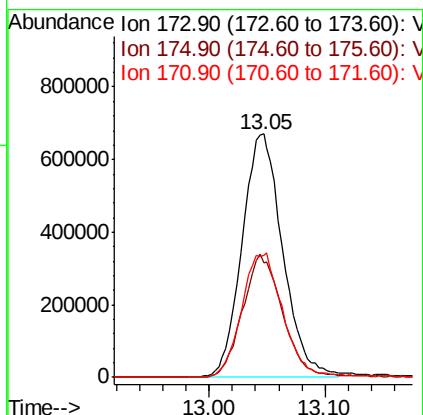
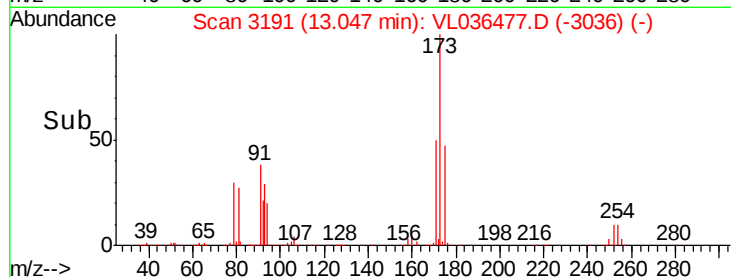
171 52.5 41.4 62.0



Abundance Ion 172.90 (172.60 to 173.60): V

Ion 174.90 (174.60 to 175.60): V

Ion 170.90 (170.60 to 171.60): V



#50

4-Methyl-2-Pentanone

Concen: 7.921 ppbv

RT: 8.74 min Scan# 1852

Delta R.T. -0.01 min

Lab File: VL036477.D

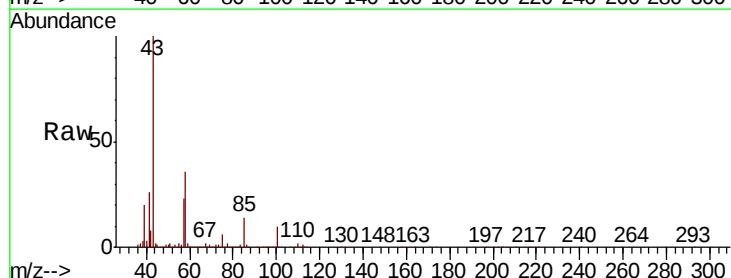
Acq: 25 Mar 2021 6:30

Tgt Ion: 43 Resp: 2261604

Ion Ratio Lower Upper

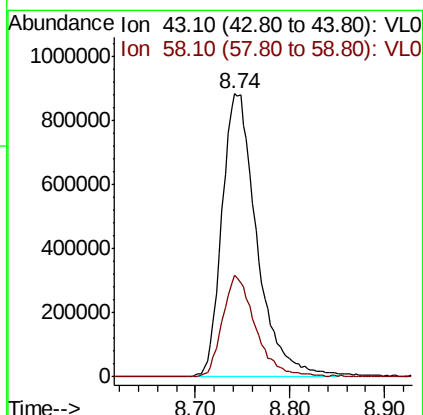
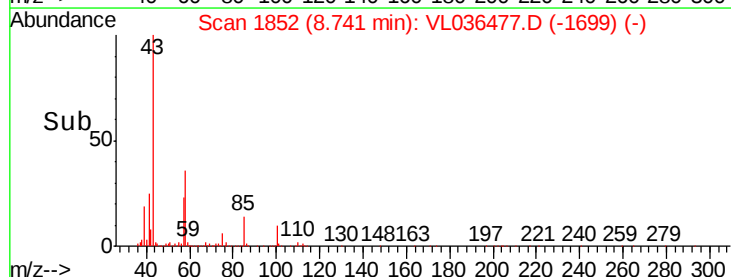
43 100

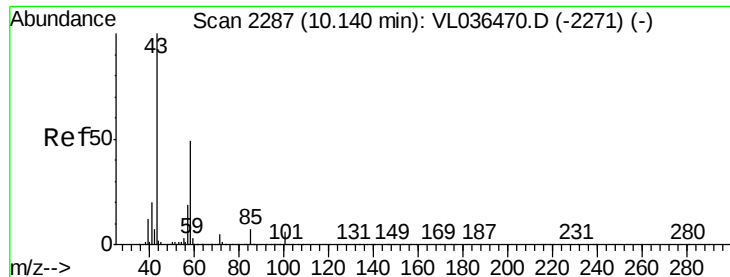
58 34.5 28.1 42.1



Abundance Ion 43.10 (42.80 to 43.80): VL0

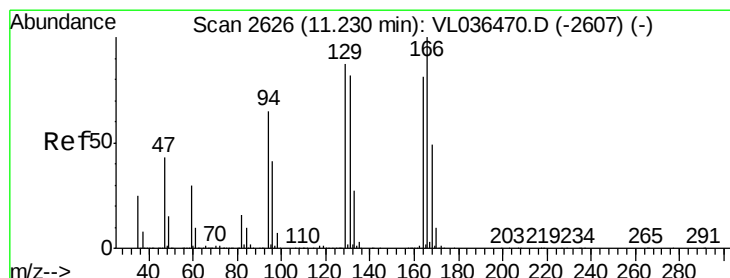
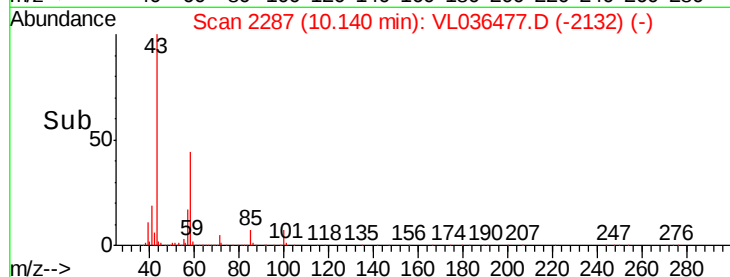
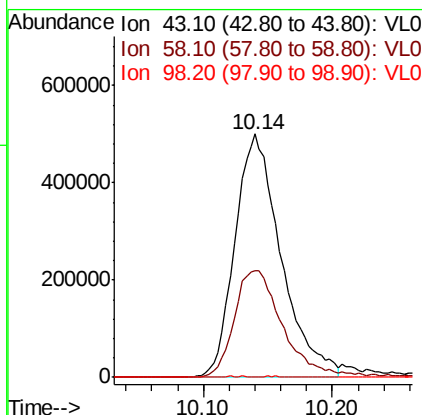
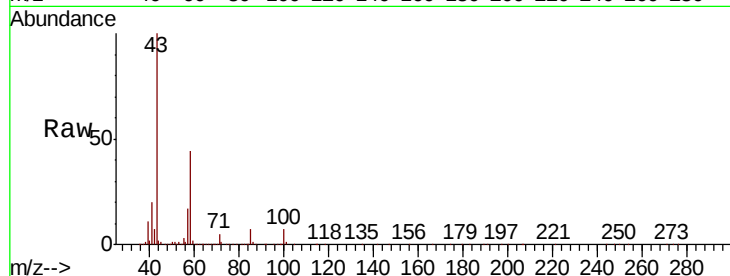
Ion 58.10 (57.80 to 58.80): VL0





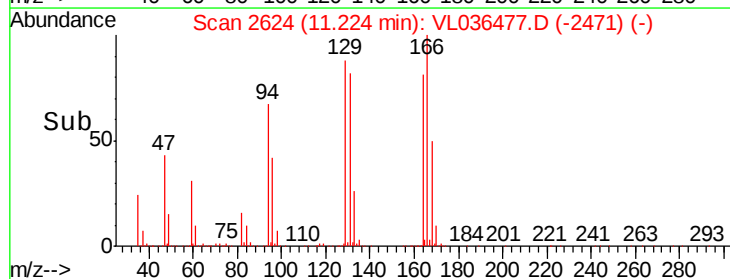
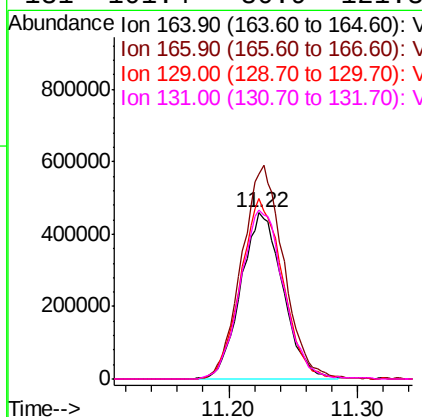
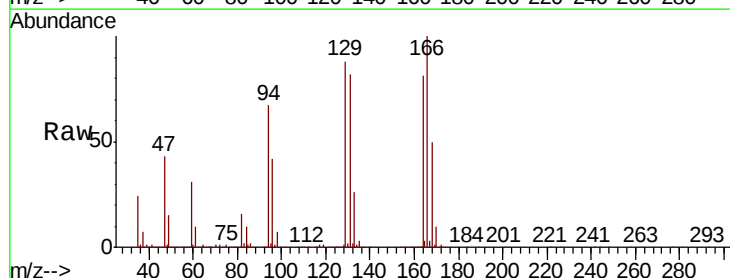
#51
 2-Hexanone
 Concen: 8.578 ppbv
 RT: 10.14 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 25 Mar 2021 0:30

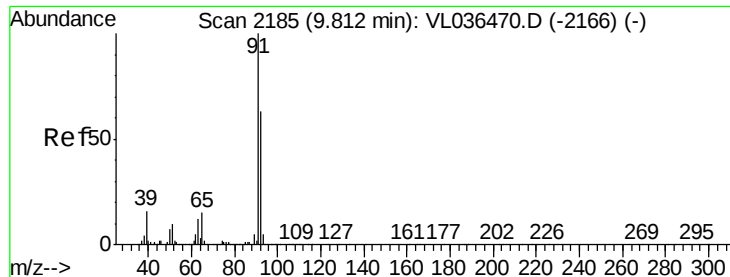
Tot Ion: 43 Resp: 1235963
 Ion Ratio Lower Upper
 43 100
 58 47.2 37.7 56.5
 98 0.6 0.2 0.2#



#52
 Tetrachloroethene
 Concen: 7.540 ppbv
 RT: 11.22 min Scan# 2624
 Delta R.T. -0.01 min
 Lab File: VL036477.D
 Acq: 25 Mar 2021 6:30

Tgt Ion: 164 Resp: 1035128
 Ion Ratio Lower Upper
 164 100
 166 123.3 98.3 147.5
 129 108.6 85.8 128.8
 131 101.4 80.9 121.3





#53

Toluene

Concen: 8.464 ppbv

RT: 9.81 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

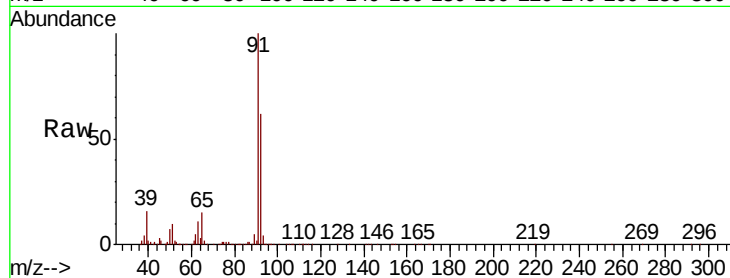
Acq: 25 Mar 2021 8:30

Tot Ion: 91 Resp: 3360506

Ion Ratio Lower Upper

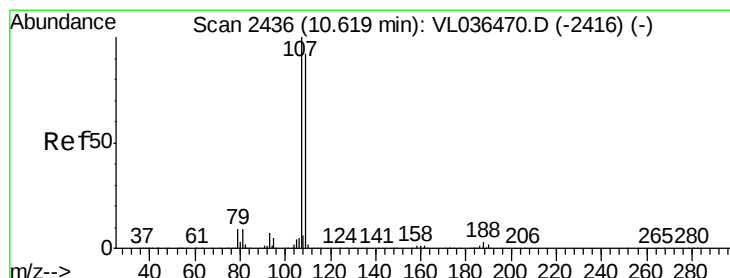
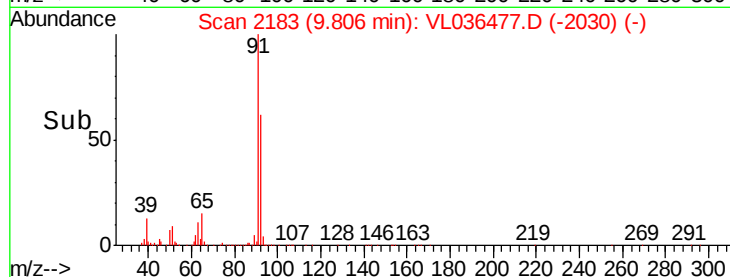
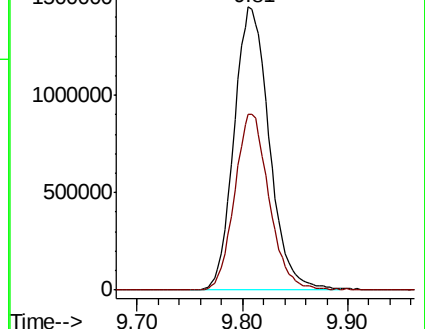
91 100

92 61.5 48.9 73.3



Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 92.10 (91.80 to 92.80): VL0



#54

1,2-Dibromoethane

Concen: 8.038 ppbv

RT: 10.61 min Scan# 2434

Delta R.T. -0.01 min

Lab File: VL036477.D

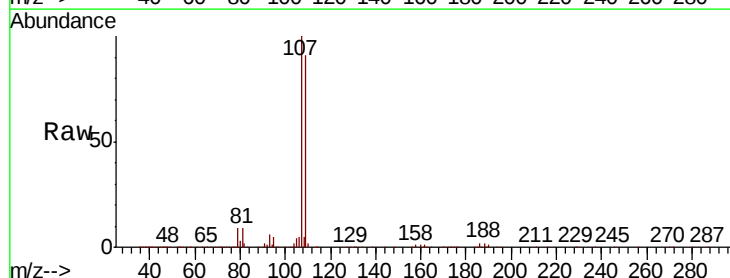
Acq: 25 Mar 2021 6:30

Tgt Ion: 107 Resp: 1738886

Ion Ratio Lower Upper

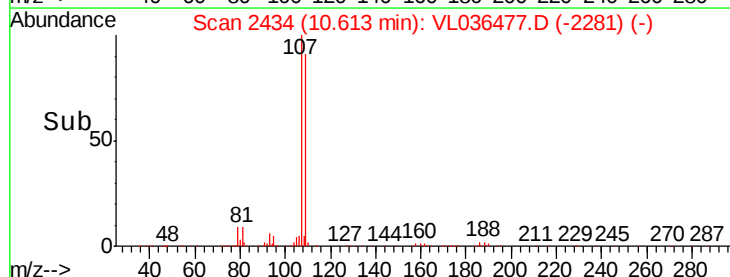
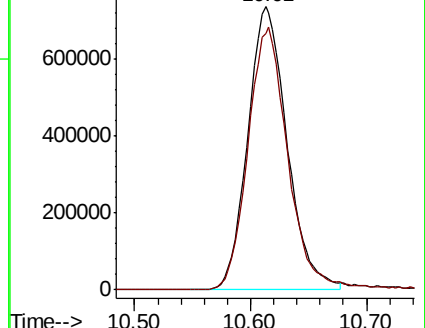
107 100

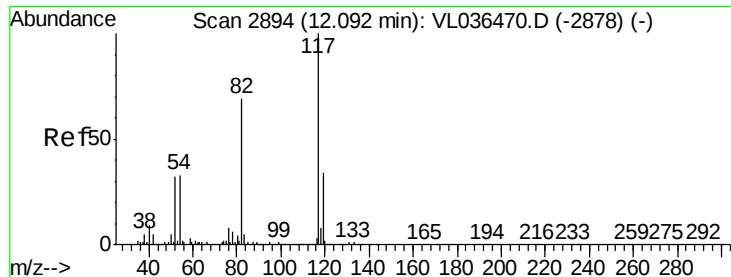
109 90.7 73.9 110.9



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.09 min

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 25 Mar 2021 0:30

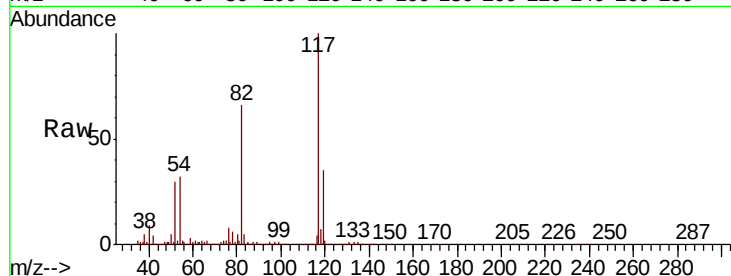
Tot Ion:117 Resp: 4532973

Ion Ratio Lower Upper

117 100

82 56.9 57.4 86.0#

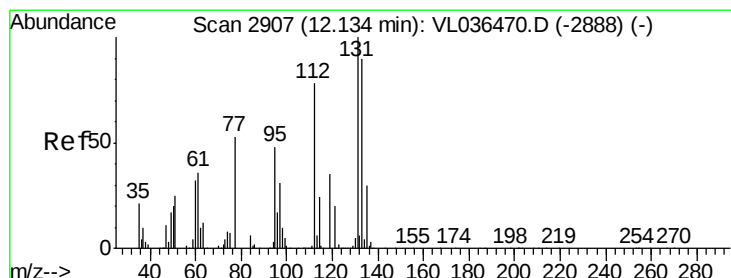
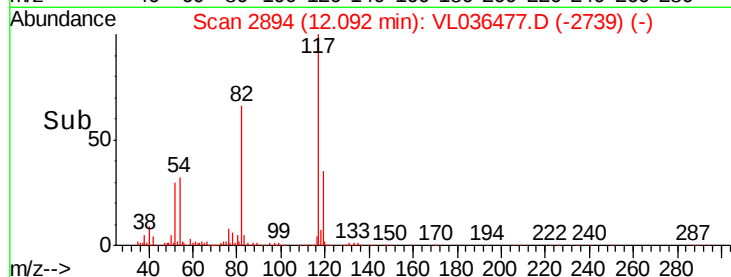
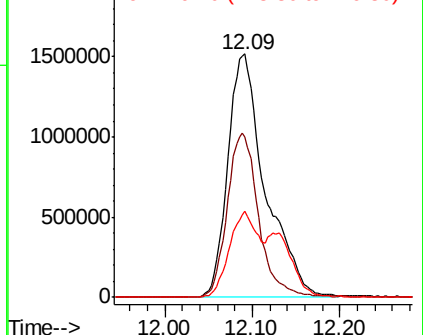
119 45.7 47.4 71.2#



Abundance Ion 117.10 (116.80 to 117.80): V

Ion 82.10 (81.80 to 82.80): VL0

Ion 119.10 (118.80 to 119.80): V



#56

1,1,1,2-Tetrachloroethane

Concen: 6.640 ppbv

RT: 12.13 min Scan# 2905

Delta R.T. -0.01 min

Lab File: VL036477.D

Acq: 25 Mar 2021 6:30

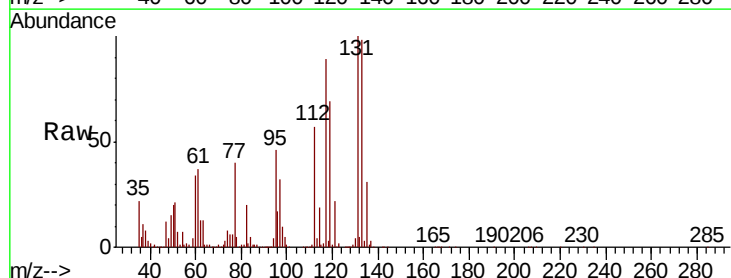
Tgt Ion:131 Resp: 1361437

Ion Ratio Lower Upper

131 100

133 98.0 76.0 114.0

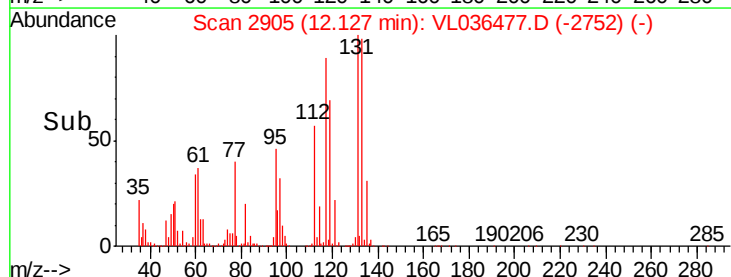
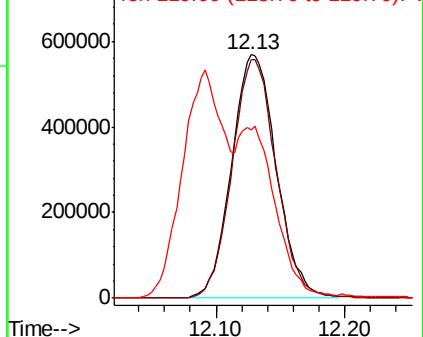
119 152.6 44.9 67.3#

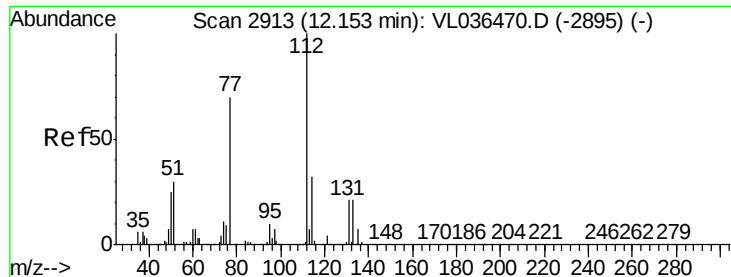


Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V





#57

Chlorobenzene

Concen: 6.372 ppbv

RT: 12.15 min

Delta R.T. MSVOA_L

Lab File:

Acq: 25 Mar 2021 08:30

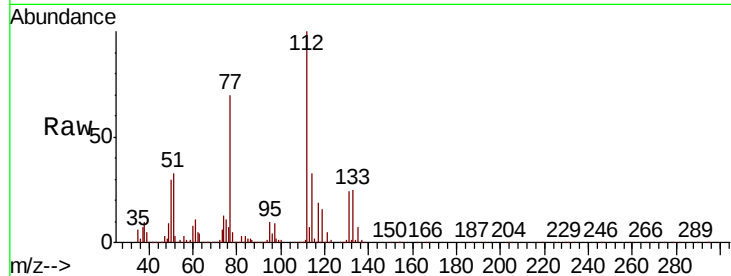
Tot Ion: 112 Resp: 2457824

Ion Ratio Lower Upper

112 100

77 68.5 56.0 84.0

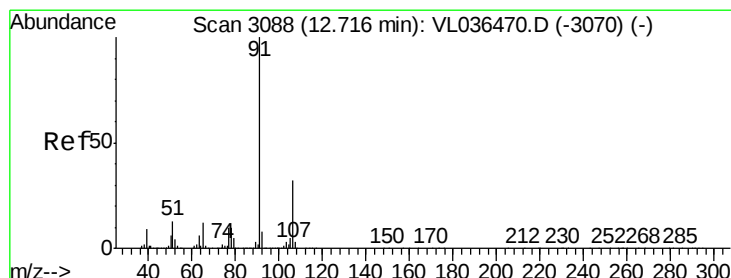
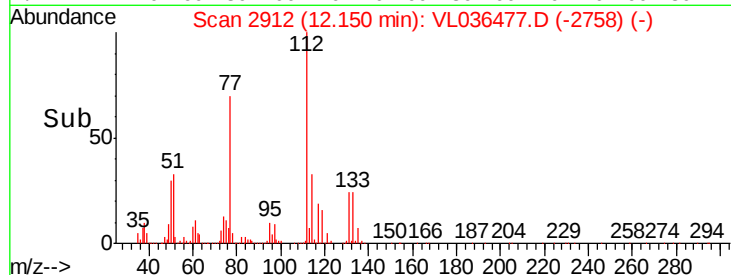
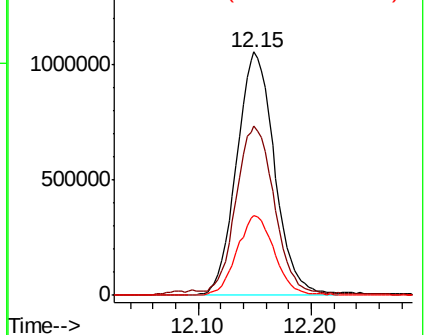
114 32.8 29.0 35.4



Abundance Ion 112.10 (111.80 to 112.80): V

Ion 77.10 (76.80 to 77.80): VL0

Ion 114.10 (113.80 to 114.80): V



#58

Ethyl Benzene

Concen: 6.849 ppbv

RT: 12.71 min Scan# 3087

Delta R.T. -0.00 min

Lab File: VL036477.D

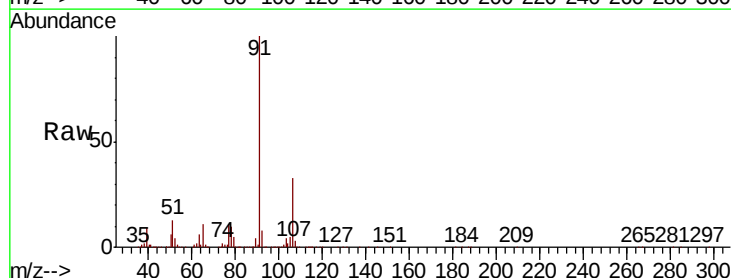
Acq: 25 Mar 2021 6:30

Tgt Ion: 91 Resp: 4516777

Ion Ratio Lower Upper

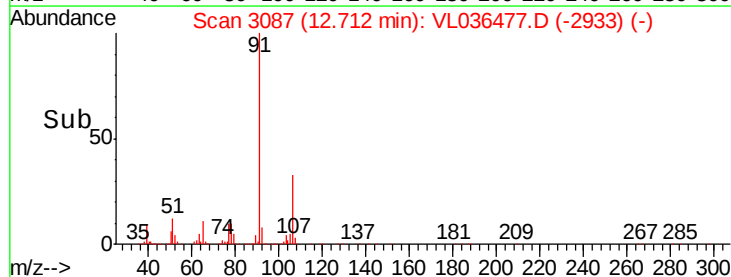
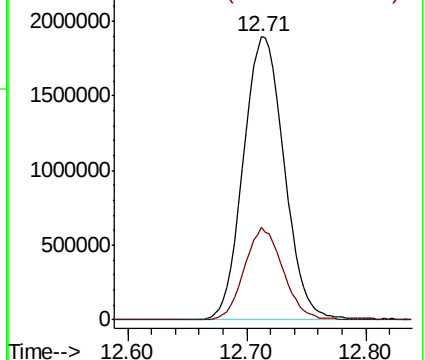
91 100

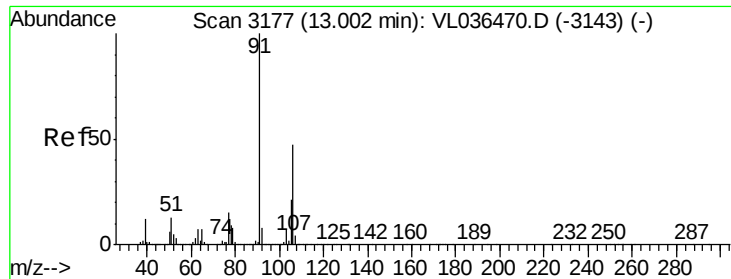
106 32.6 25.3 37.9



Abundance Ion 91.10 (90.80 to 91.80): VL0

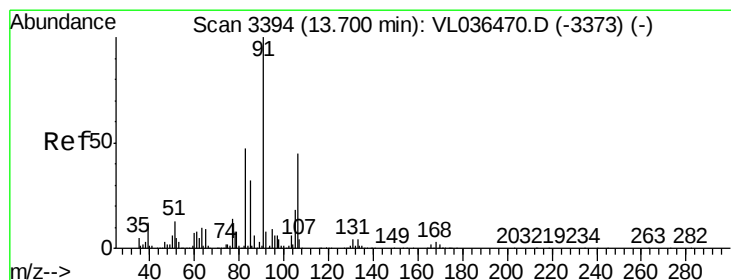
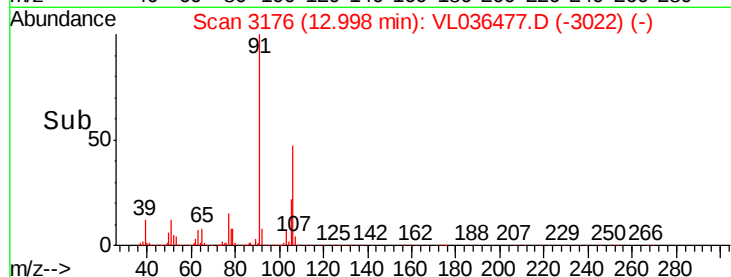
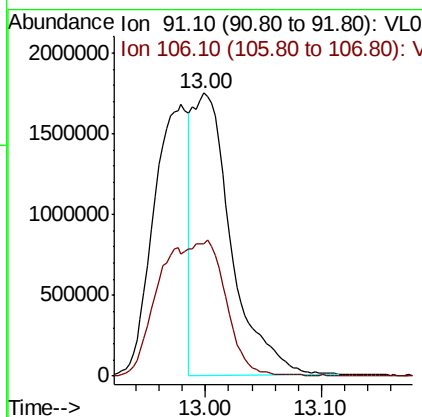
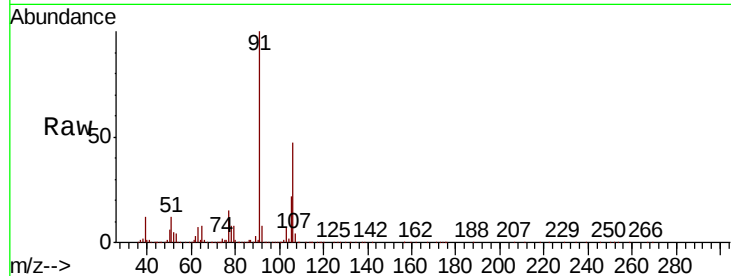
Ion 106.10 (105.80 to 106.80): V





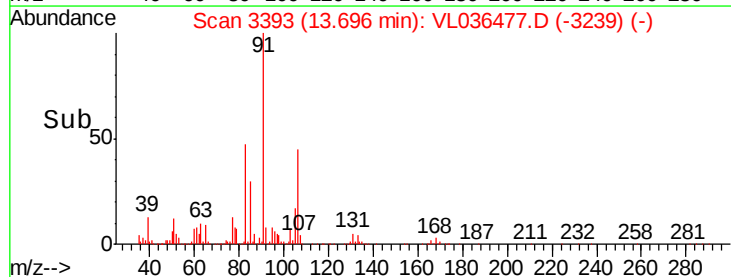
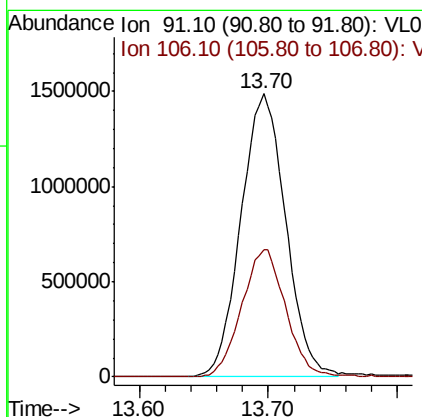
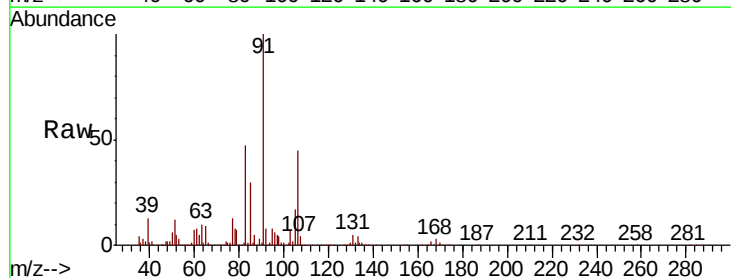
#59
m/p-Xylene
Concen: 6.966 ppbv
RT: 13.00 min
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 25 Mar 2021 0:30

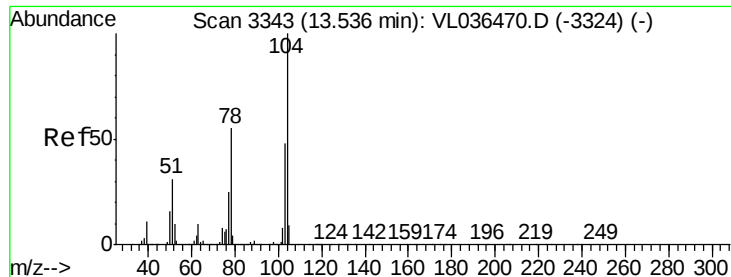
Tot Ion: 91 Resp: 4007010
Ion Ratio Lower Upper
91 100
106 83.9 35.2 52.8#



#60
o-Xylene
Concen: 6.431 ppbv
RT: 13.70 min Scan# 3393
Delta R.T. -0.00 min
Lab File: VL036477.D
Acq: 25 Mar 2021 6:30

Tgt Ion: 91 Resp: 3576556
Ion Ratio Lower Upper
91 100
106 44.8 22.3 66.9





#61

Stvrene

Concen: 7.142 ppbv

RT: 13.53

Delta R.T. MSVOA_L

Lab File:

Acq: 25 Mar 2021 0:30

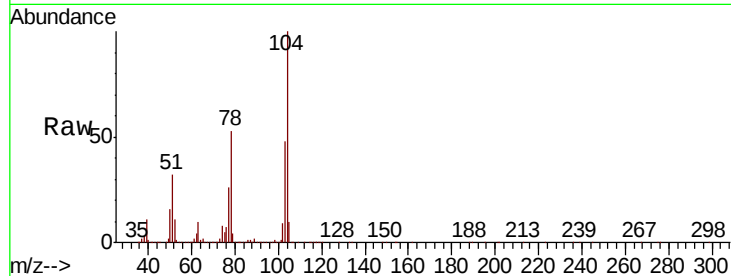
Tot Ion:104 Resp: 1998334

Ion Ratio Lower Upper

104 100

78 54.4 43.7 65.5

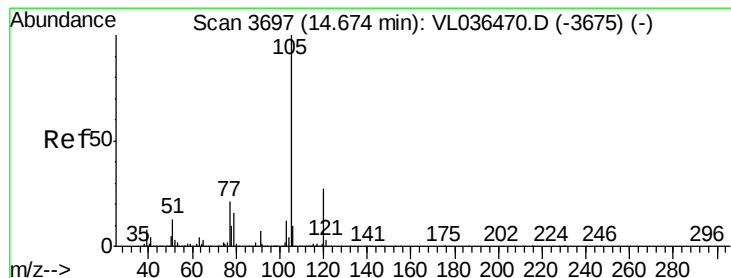
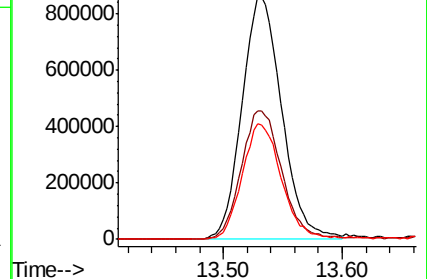
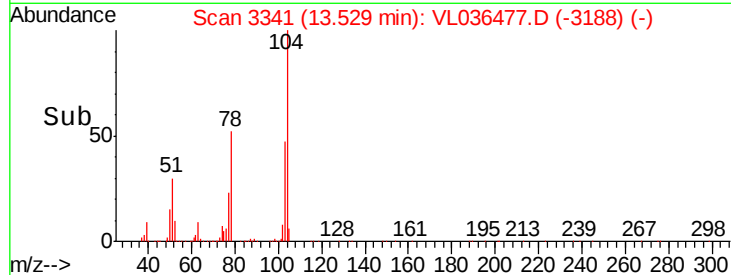
103 47.3 38.3 57.5



Abundance Ion 104.10 (103.80 to 104.80): V

Ion 78.10 (77.80 to 78.80): VL0

Ion 103.10 (102.80 to 103.80): V



#62

Isopropylbenzene

Concen: 6.639 ppbv

RT: 14.67 min Scan# 3697

Delta R.T. -0.00 min

Lab File: VL036477.D

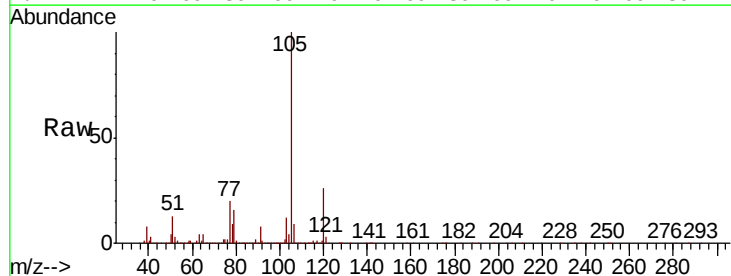
Acq: 25 Mar 2021 6:30

Tgt Ion:105 Resp: 4972690

Ion Ratio Lower Upper

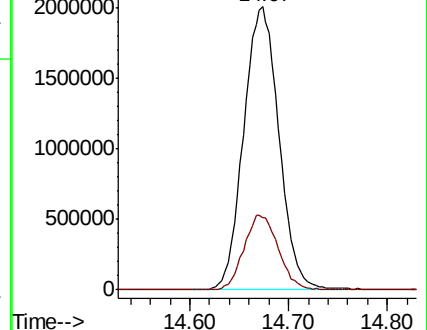
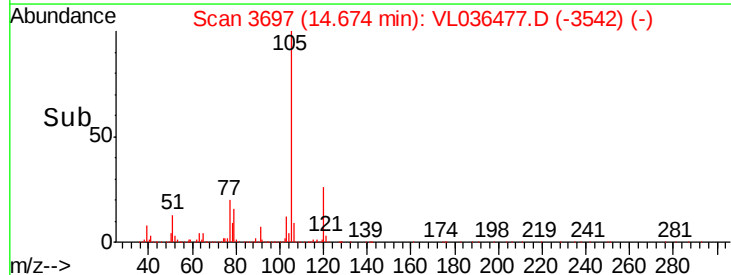
105 100

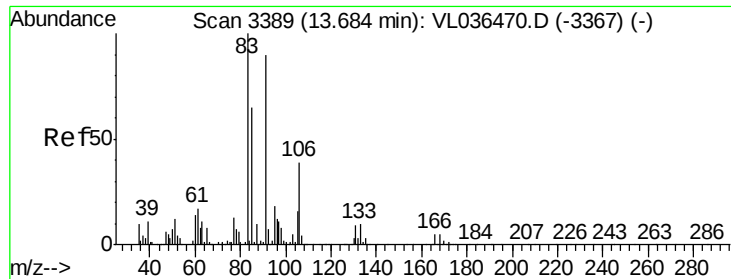
120 25.9 20.6 31.0



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V





#63

1,1,2,2-Tetrachloroethane

Concen: 5.626 ppbv

RT: 13.68 min

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 25 Mar 2021 8:30

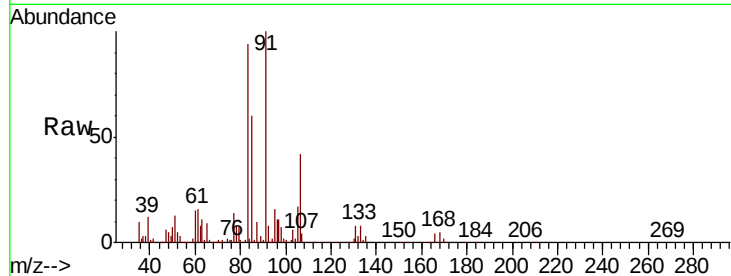
Tot Ion: 83 Resp: 2546684

Ion Ratio Lower Upper

83 100

131 9.3 4.7 14.0

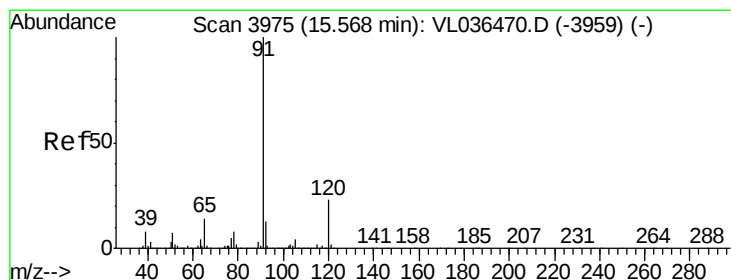
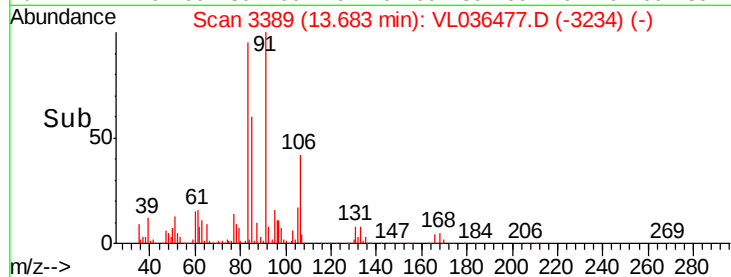
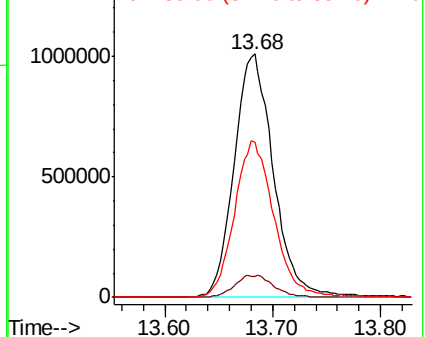
85 65.3 33.2 99.6



Abundance Ion 83.00 (82.70 to 83.70): VL0

Ion 131.00 (130.70 to 131.70): VL0

Ion 85.00 (84.70 to 85.70): VL0



#64

n-propylbenzene

Concen: 7.071 ppbv

RT: 15.57 min Scan# 3975

Delta R.T. -0.00 min

Lab File: VL036477.D

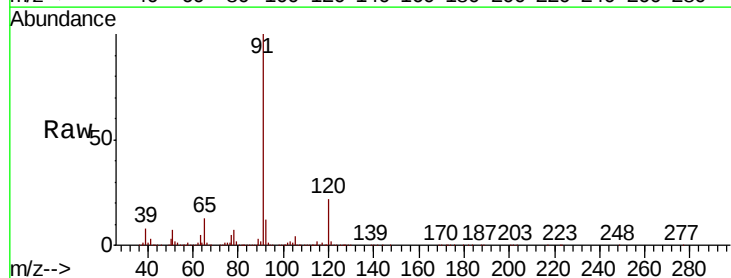
Acq: 25 Mar 2021 6:30

Tgt Ion:120 Resp: 1294769

Ion Ratio Lower Upper

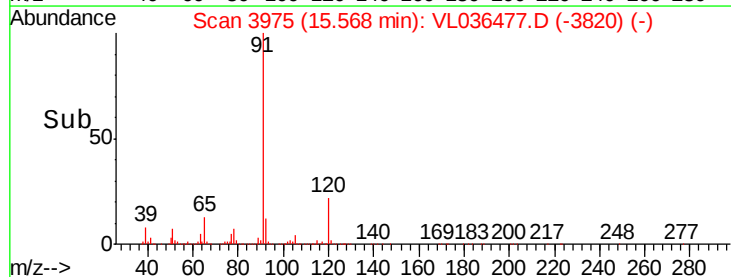
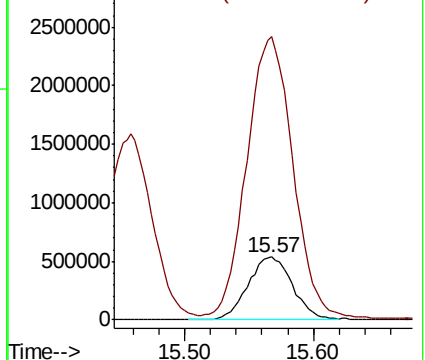
120 100

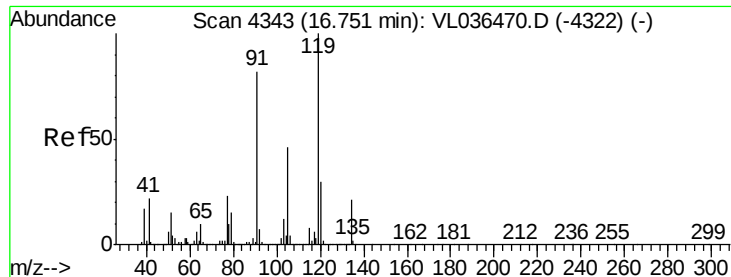
91 472.9 377.8 566.6



Abundance Ion 120.20 (119.90 to 120.90): VL0

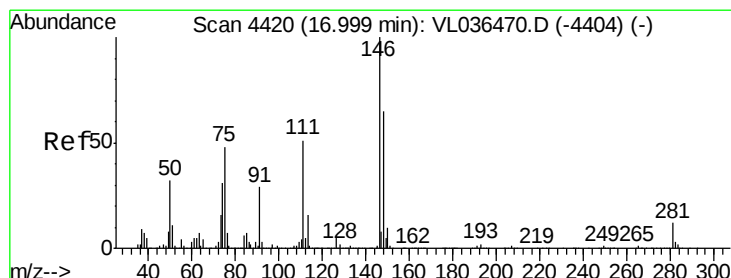
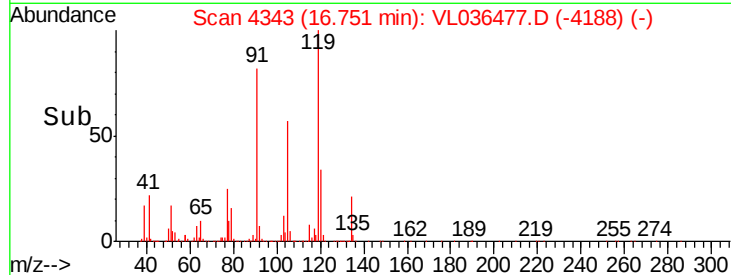
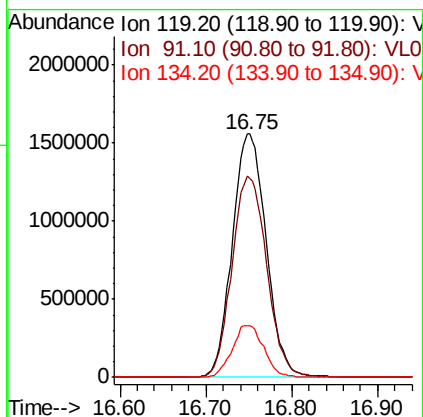
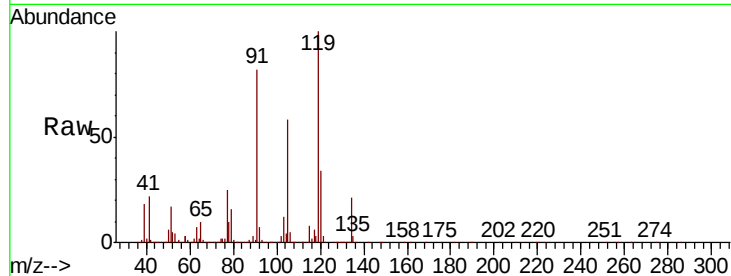
Ion 91.10 (90.80 to 91.80): VL0





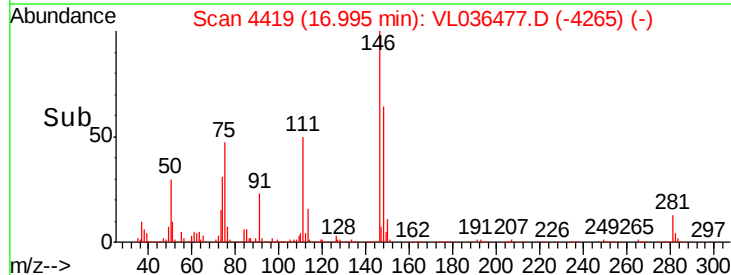
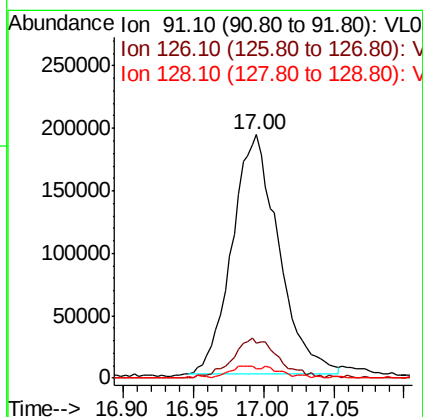
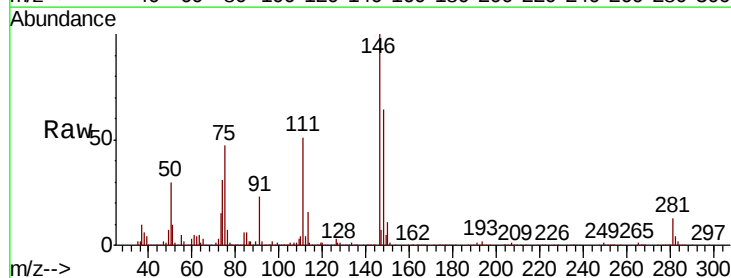
#65
 tert-Butylbenzene
 Concen: 6.577 ppbv
 RT: 16.75 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 Acq: 25 Mar 2021 08:30

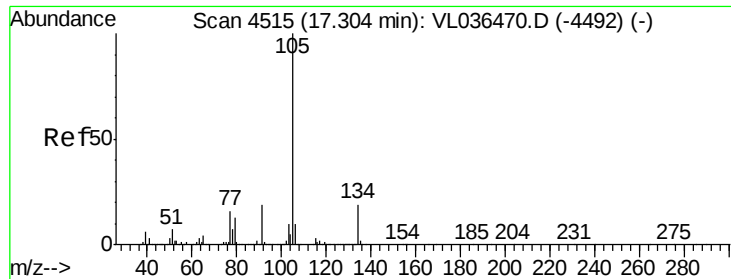
Tot Ion: 119 Resp: 4271379
 Ion Ratio Lower Upper
 119 100
 91 84.9 67.5 101.3
 134 20.0 15.8 23.8



#66
 Benzyl Chloride
 Concen: 6.377 ppbv
 RT: 17.00 min Scan# 4419
 Delta R.T. -0.00 min
 Lab File: VL036477.D
 Acq: 25 Mar 2021 6:30

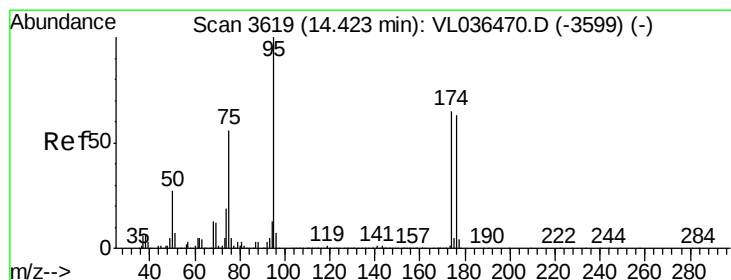
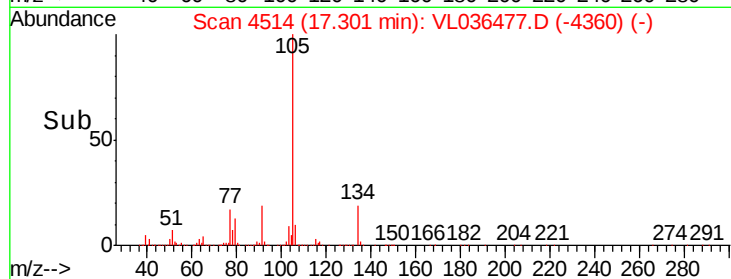
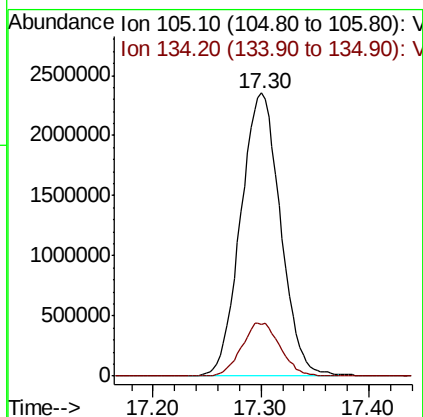
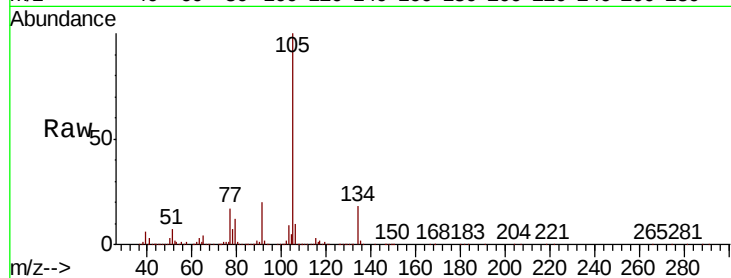
Tgt Ion: 91 Resp: 442169
 Ion Ratio Lower Upper
 91 100
 126 16.9 13.5 20.3
 128 5.9 4.2 6.2





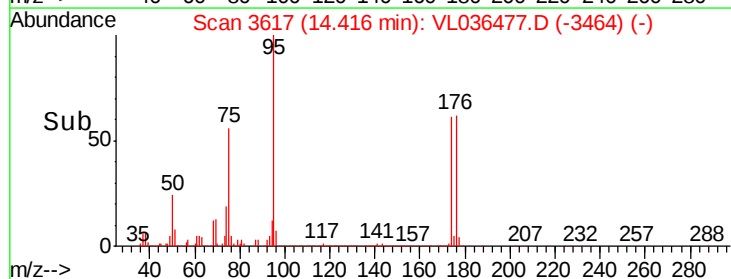
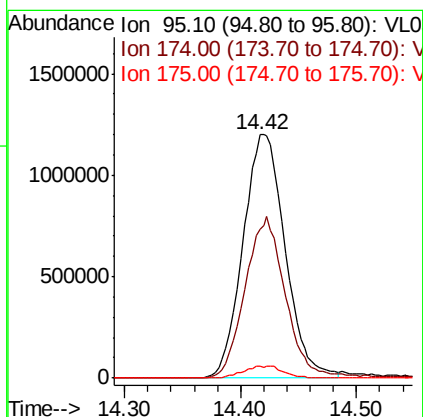
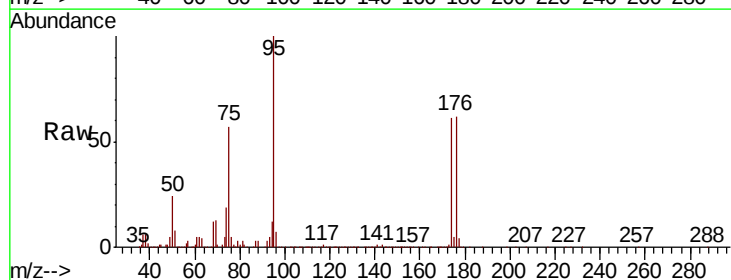
#67
 sec-Butylbenzene
 Concen: 6.708 ppbv
 RT: 17.30
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 25 Mar 2021 0:30

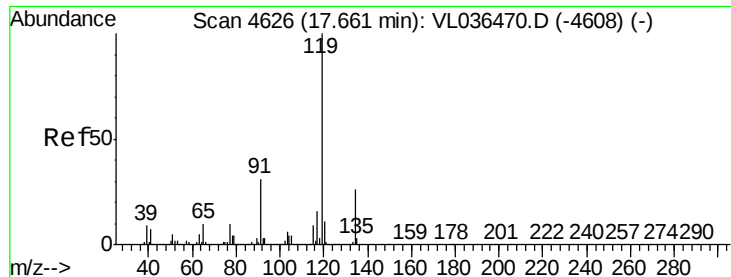
Tot Ion:105 Resp: 6026513
 Ion Ratio Lower Upper
 105 100
 134 18.2 14.7 22.1



#68
 1-Bromo-4-Fluorobenzene
 Concen: 8.395 ppbv
 RT: 14.42 min Scan# 3617
 Delta R.T. -0.01 min
 Lab File: VL036477.D
 Acq: 25 Mar 2021 6:30

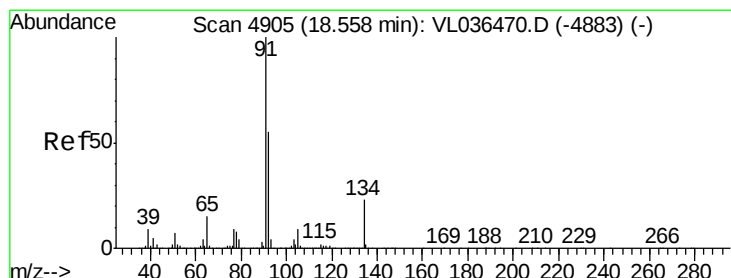
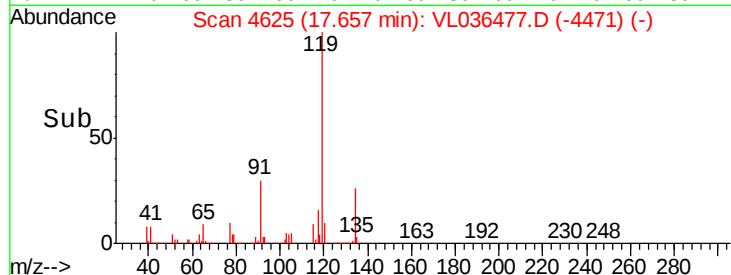
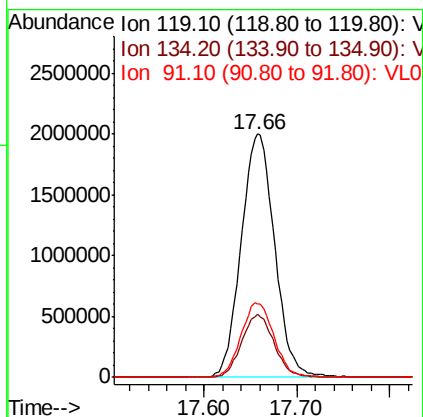
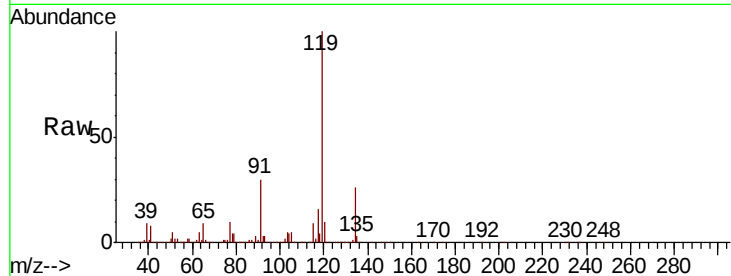
Tgt Ion: 95 Resp: 3033056
 Ion Ratio Lower Upper
 95 100
 174 64.6 51.0 76.6
 175 4.8 3.9 5.9





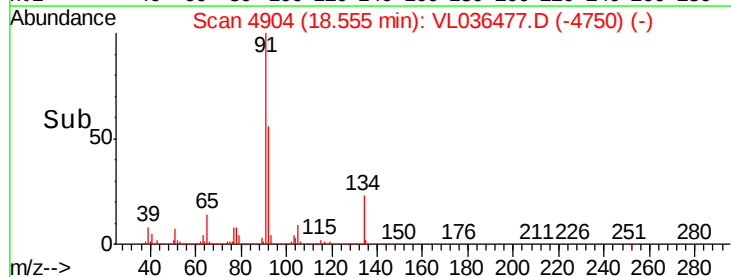
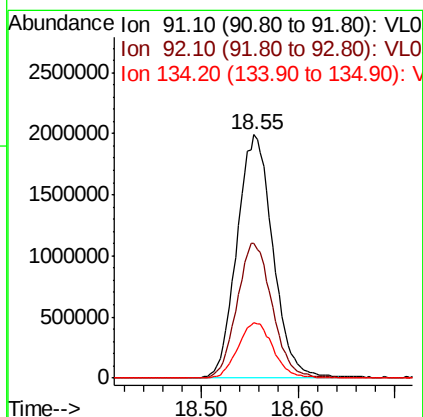
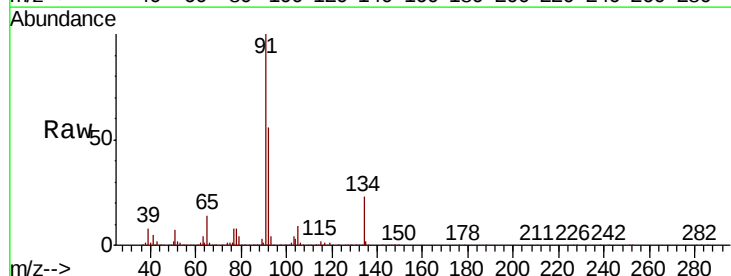
#69
 p-Isopropyltoluene
 Concen: 7.053 ppbv
 RT: 17.66 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 25 Mar 2021 8:30

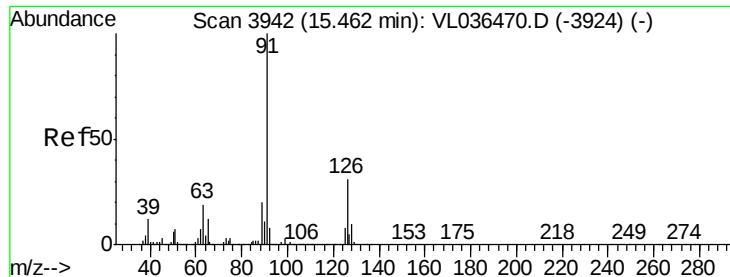
Tot Ion:	119	Resp:	5001225
Ion	Ratio	Lower	Upper
119	100		
134	25.2	20.6	30.8
91	30.2	25.0	37.4



#70
 n-Butylbenzene
 Concen: 6.918 ppbv
 RT: 18.55 min Scan# 4904
 Delta R.T. -0.00 min
 Lab File: VL036477.D
 Acq: 25 Mar 2021 6:30

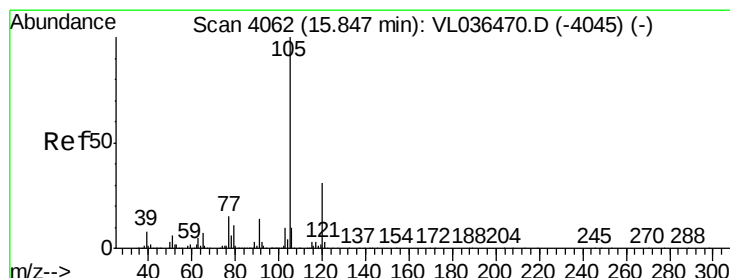
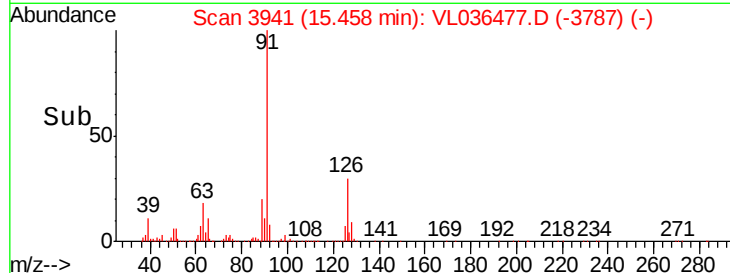
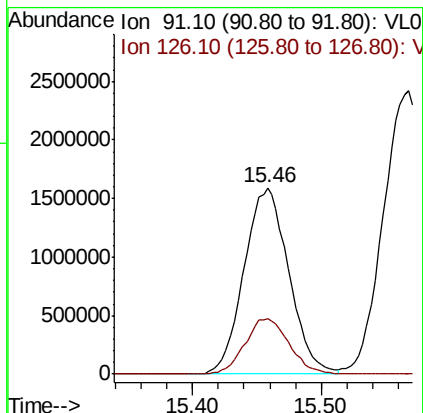
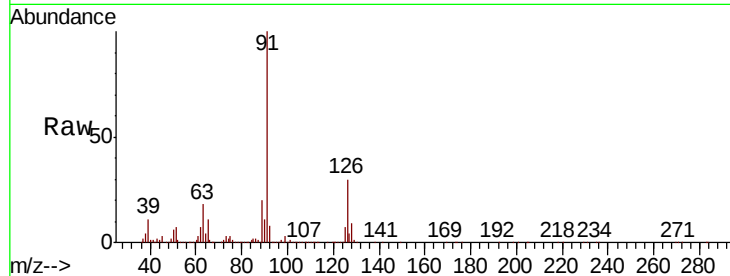
Tgt Ion:	91	Resp:	5134820
Ion	Ratio	Lower	Upper
91	100		
92	54.8	43.8	65.8
134	22.4	18.0	27.0





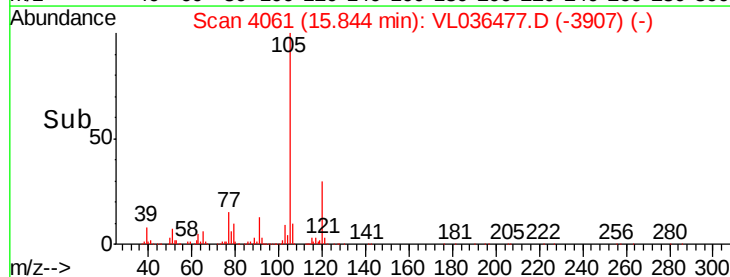
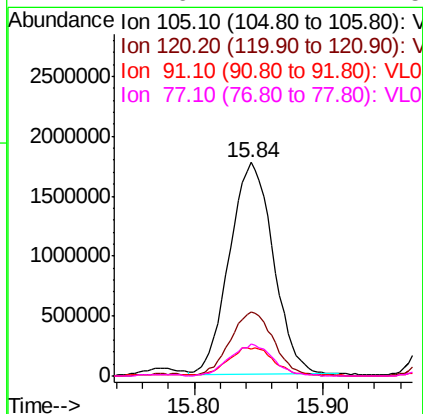
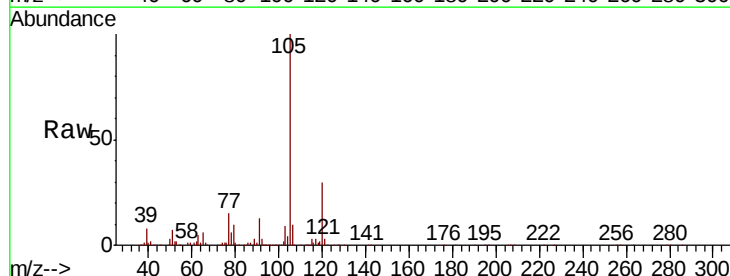
#71
 2-Chlorotoluene
 Concen: 6.846 ppbv
 RT: 15.46
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId:
 Acq: 25 Mar 2021 8:30

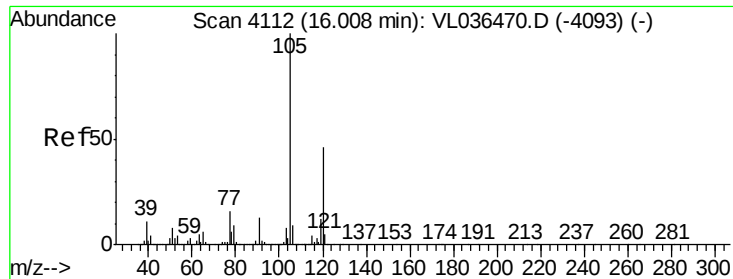
Tot Ion: 91 Resp: 3841968
 Ion Ratio Lower Upper
 91 100
 126 29.9 12.1 48.5



#72
 4-Ethyltoluene
 Concen: 6.896 ppbv
 RT: 15.84 min Scan# 4061
 Delta R.T. -0.00 min
 Lab File: VL036477.D
 Acq: 25 Mar 2021 6:30

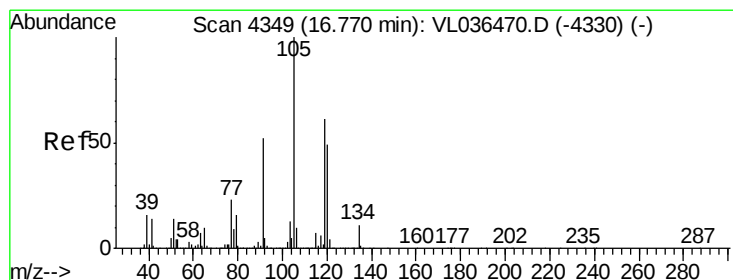
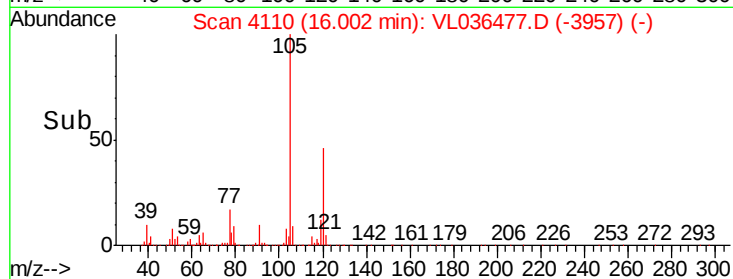
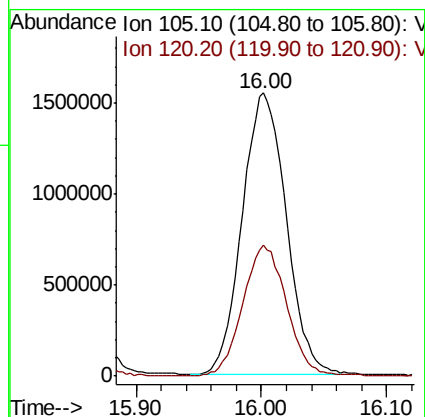
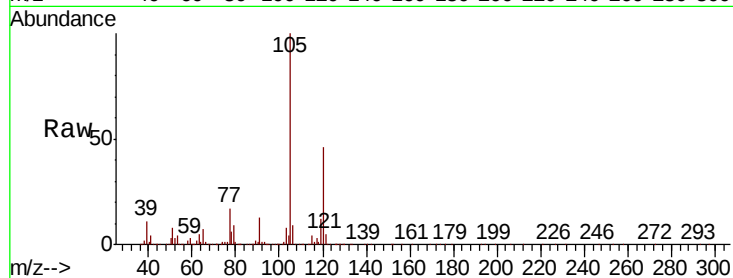
Tgt Ion:105 Resp: 4202643
 Ion Ratio Lower Upper
 105 100
 120 31.1 24.0 36.0
 91 13.7 11.0 16.4
 77 14.6 11.7 17.5





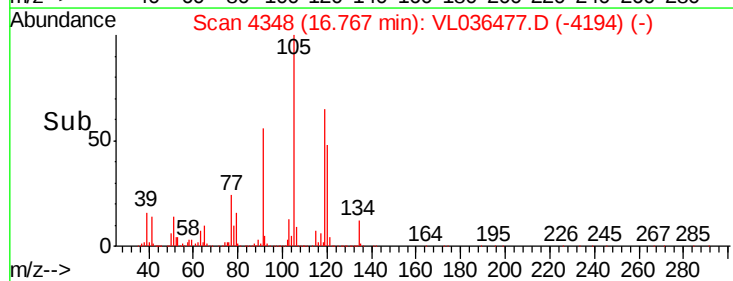
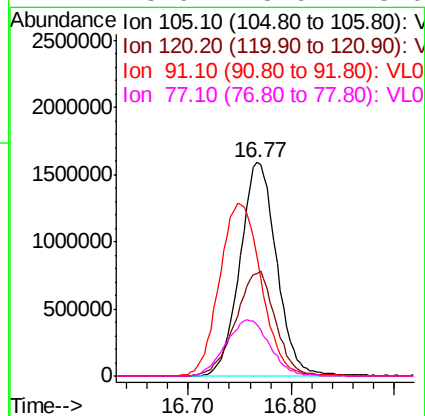
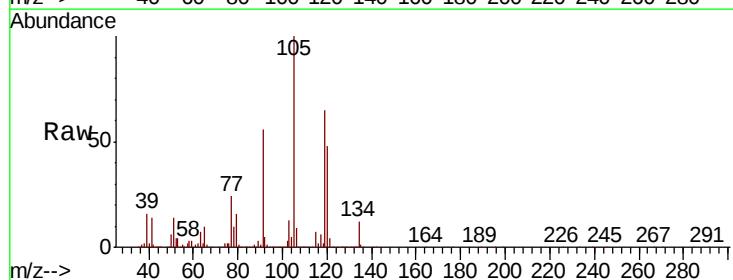
#73
 1,3,5-Trimethylbenzene
 Concen: 6.775 ppbv
 RT: 16.00 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 25 Mar 2021 8:30

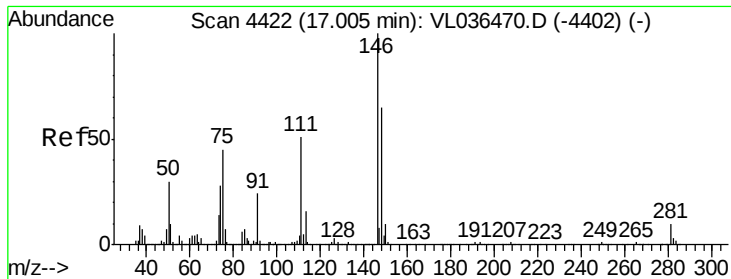
Tot Ion:105 Resp: 3770716
 Ion Ratio Lower Upper
 105 100
 120 46.2 36.6 54.8



#74
 1,2,4-Trimethylbenzene
 Concen: 6.430 ppbv
 RT: 16.77 min Scan# 4348
 Delta R.T. -0.00 min
 Lab File: VL036477.D
 Acq: 25 Mar 2021 6:30

Tgt Ion:105 Resp: 3914251
 Ion Ratio Lower Upper
 105 100
 120 47.7 39.2 58.8
 91 55.3 42.6 64.0
 77 23.9 18.6 28.0





#75

1,3-Dichlorobenzene

Concen: 6.570 ppbv

RT: 17.00

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 25 Mar 2021 8:30

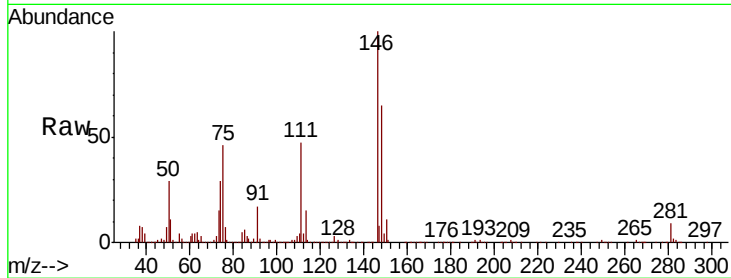
Tot Ion:146 Resp: 2251178

Ion Ratio Lower Upper

146 100

111 49.2 24.6 73.8

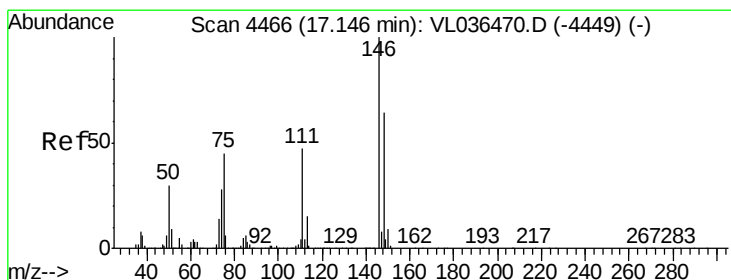
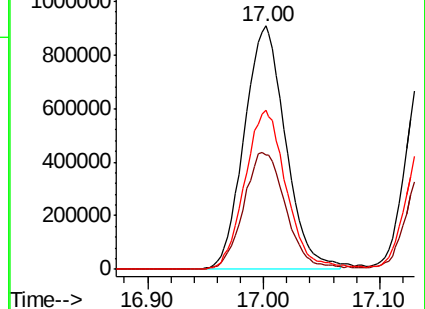
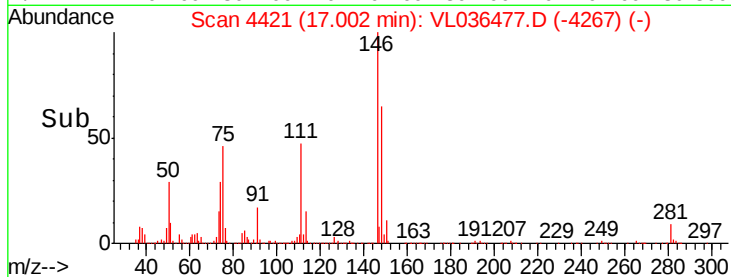
148 65.5 32.3 96.8



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.10 (110.80 to 111.80): V

Ion 148.00 (147.70 to 148.70): V



#76

1,4-Dichlorobenzene

Concen: 6.686 ppbv

RT: 17.14 min Scan# 4464

Delta R.T. -0.01 min

Lab File: VL036477.D

Acq: 25 Mar 2021 6:30

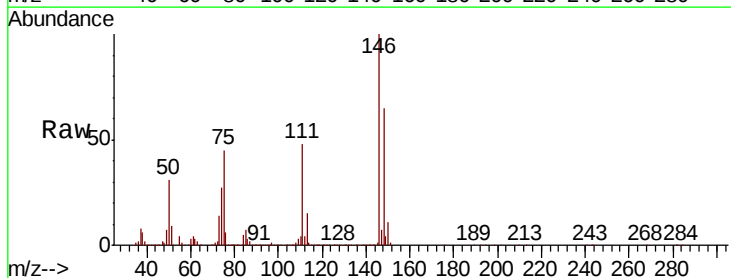
Tgt Ion:146 Resp: 2183916

Ion Ratio Lower Upper

146 100

111 49.2 24.3 73.0

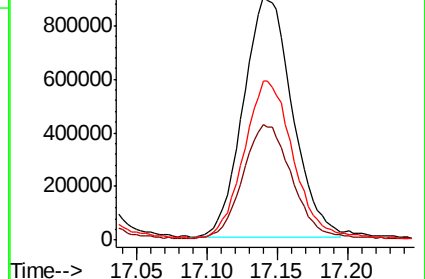
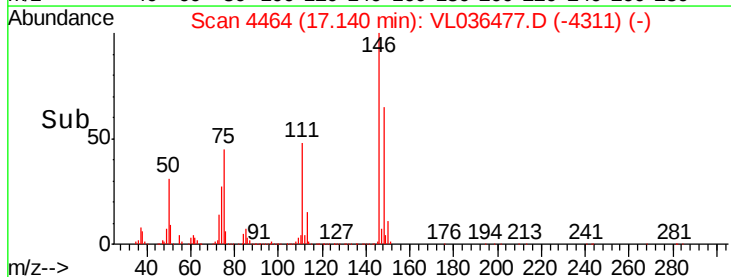
148 67.7 32.9 98.6

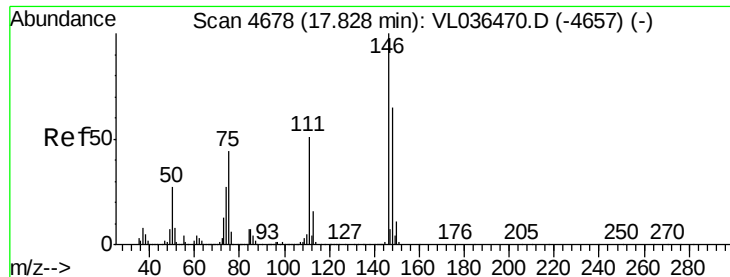


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.10 (110.80 to 111.80): V

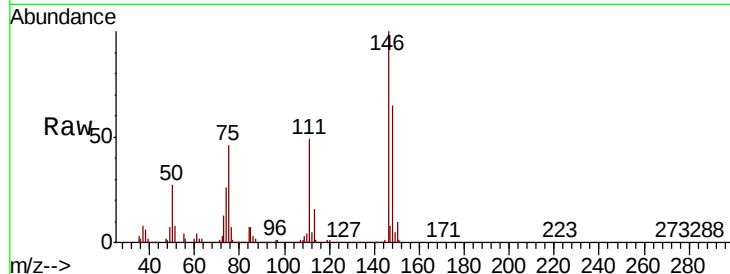
Ion 148.00 (147.70 to 148.70): V





#77
 1,2-Dichlorobenzene
 Concen: 6.991 ppbv
 RT: 17.82 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 25 Mar 2021 0:30

Tot Ion	Ratio	Lower	Upper
146	100		
111	50.1	25.5	76.5
148	64.5	32.9	98.6

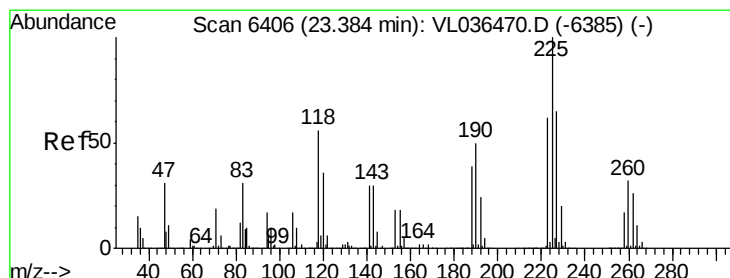
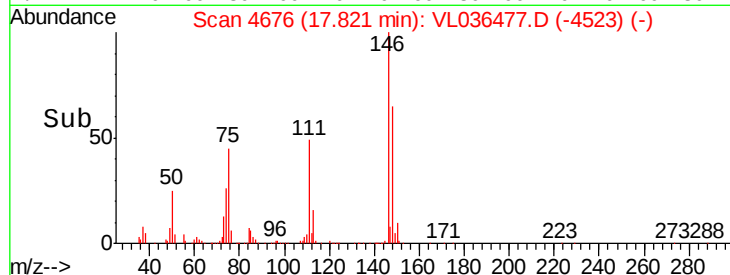
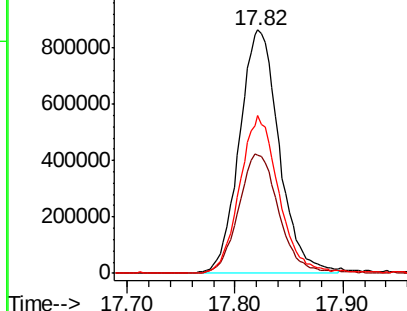


Abundance

Ion 146.00 (145.70 to 146.70): V

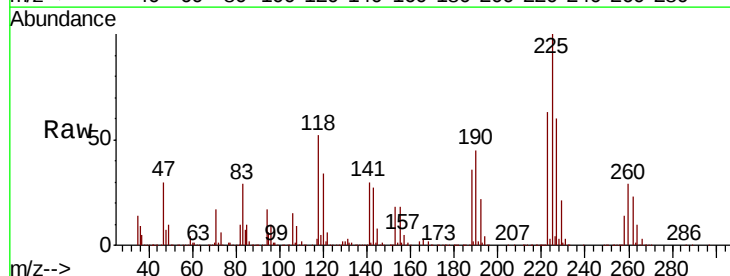
Ion 111.10 (110.80 to 111.80): V

Ion 148.00 (147.70 to 148.70): V



#78
 Hexachloro-1,3-Butadiene
 Concen: 6.184 ppbv
 RT: 23.38 min Scan# 6405
 Delta R.T. -0.00 min
 Lab File: VL036477.D
 Acq: 25 Mar 2021 6:30

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.5	50.9	76.3
227	64.6	52.2	78.2

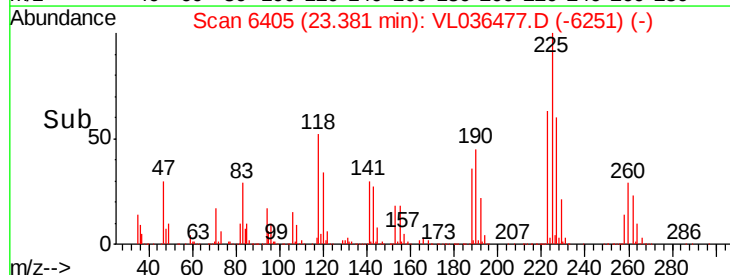
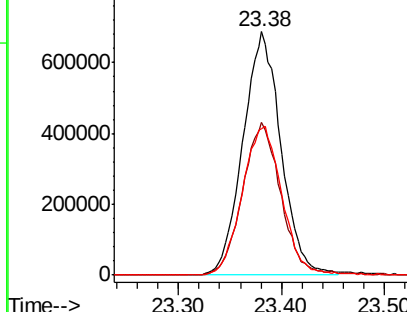


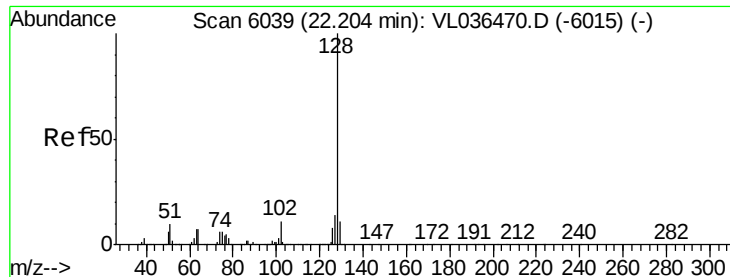
Abundance

Ion 224.90 (224.60 to 225.60): V

Ion 222.90 (222.60 to 223.60): V

Ion 226.90 (226.60 to 227.60): V





#79

Naphthalene

Concen: 7.377 ppbv

RT: 22.20 min

Delta R.T. MSVOA_L

Lab File:

Acq: 25 Mar 2021 8:30

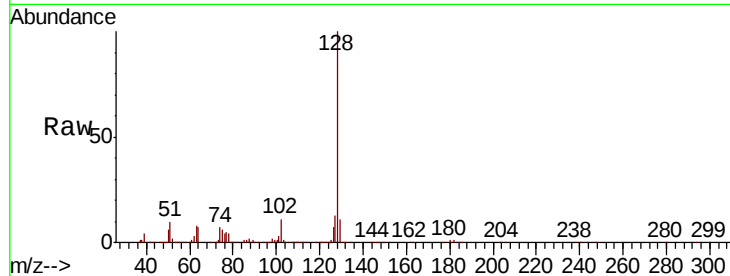
Tot Ion:128 Resp: 2595242

Ion Ratio Lower Upper

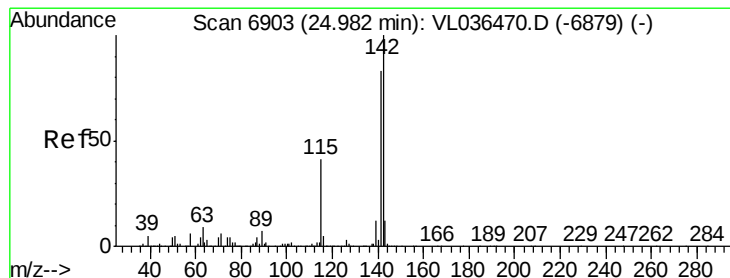
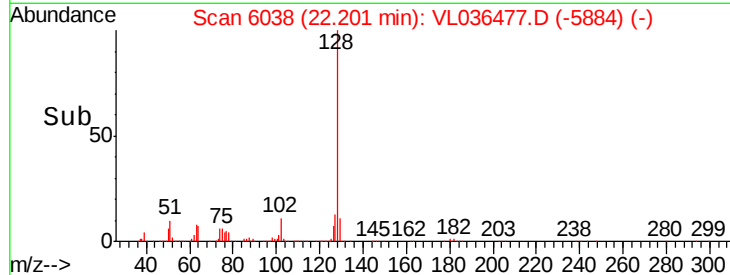
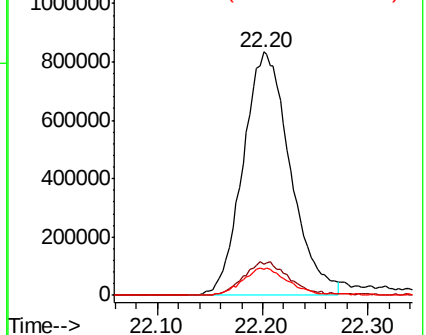
128 100

127 12.9 10.9 16.3

129 10.5 9.0 13.4



Abundance Ion 128.10 (127.80 to 128.80): V
Ion 127.10 (126.80 to 127.80): V
Ion 129.10 (128.80 to 129.80): V



#80

Naphthalene, 2-methyl-

Concen: 8.218 ppbv

RT: 24.98 min Scan# 6901

Delta R.T. -0.01 min

Lab File: VL036477.D

Acq: 25 Mar 2021 6:30

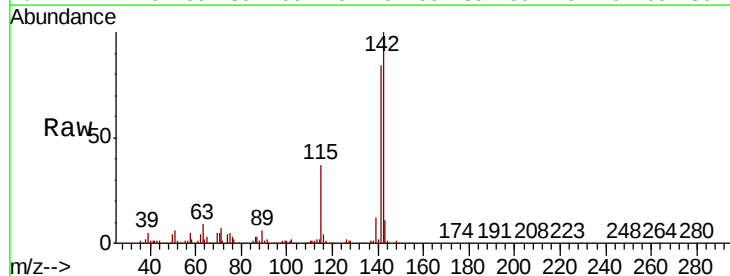
Tgt Ion:142 Resp: 575622

Ion Ratio Lower Upper

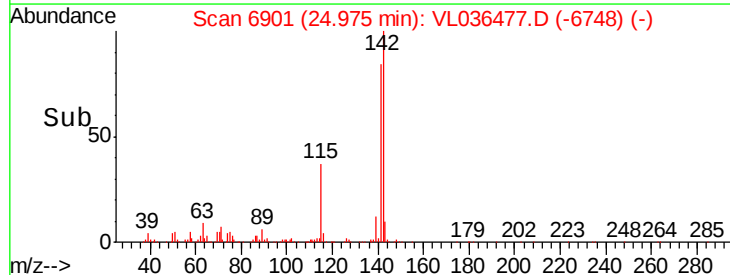
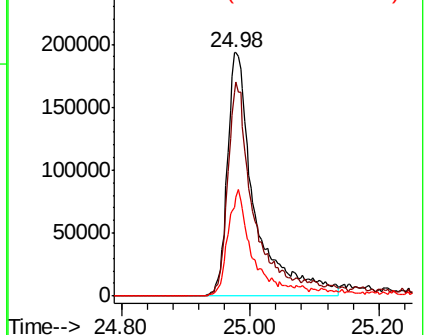
142 100

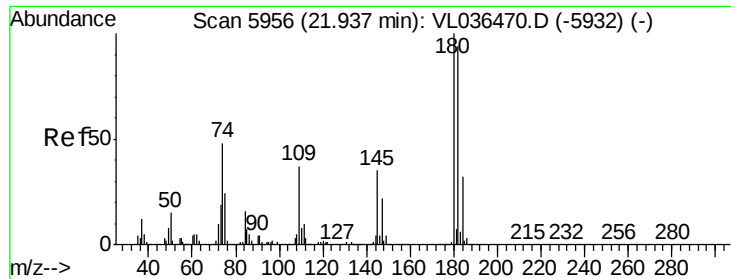
141 87.3 67.7 101.5

115 43.0 33.4 50.2



Abundance Ion 142.00 (141.70 to 142.70): V
Ion 141.00 (140.70 to 141.70): V
Ion 115.00 (114.70 to 115.70): V





#81

1,2,4-Trichlorobenzene

Concen: 7.572 ppbv

RT: 21.93 Instrument :

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 25 Mar 2021 8:30

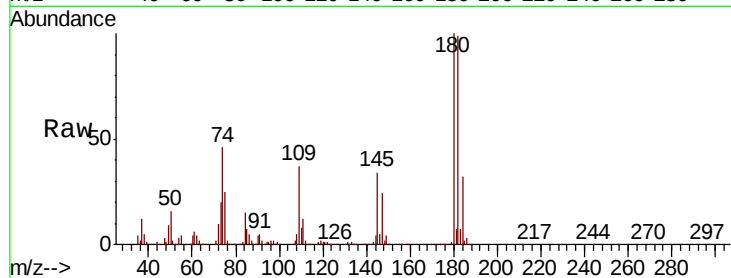
Tot Ion:180 Resp: 1596792

Ion Ratio Lower Upper

180 100

182 103.0 83.0 124.4

184 33.0 25.2 37.8



Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 184.00 (183.70 to 184.70): V

