

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL050621\
 Data File : VL036909.D
 Acq On : 6 May 2021 18:36
 Operator : SY/AP
 Sample : VL0506ABS01
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA L
 ClientSampleId :
 VL0506ABS01

Quant Time: May 07 08:14:05 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL042721AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue Apr 27 16:56:35 2021
 QLast Update : Tue Apr 27 16:56:35 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	1433700	10.00	ppbv	0.01
33) 1,4-Difluorobenzene	7.18	114	3699084	10.00	ppbv	0.01
55) Chlorobenzene-d5	12.09	117	3491171	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.42	95	2783926	9.93	ppbv	0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.30%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	3.05	85	2087973	9.247	ppbv 100
3) Chlorodifluoromethane	2.99	51	2823823	10.813	ppbv 100
4) Chloromethane	3.14	50	983148	11.454	ppbv 96
5) Vinyl Chloride	3.26	62	983141	11.355	ppbv 99
6) Bromomethane	3.48	94	538419	11.565	ppbv 99
7) Chloroethane	3.56	64	332130	11.674	ppbv 93
8) Dichlorotetrafluoroethane	3.19	85	2259748	10.972	ppbv 99
9) Propene	3.01	41	899202	11.300	ppbv 96
10) Heptane	8.13	43	2340443	11.694	ppbv 98
11) Trichlorofluoromethane	3.96	101	2231812	11.073	ppbv 97
12) 1,1,2-Trichlorotrifluoroet	4.49	101	1486887	11.023	ppbv 100
13) Ethanol	3.62	45	81459	8.027	ppbv 94
14) Bromoethene	3.74	108	651071	11.814	ppbv 99
15) Acetone	3.86	43	1249196	9.245	ppbv 100
16) 1,3-Butadiene	3.33	39	978230	11.321	ppbv 98
17) tert-Butyl alcohol	4.30	59	1272032	11.597	ppbv 99
18) 1,1-Dichloroethene	4.30	96	669495	11.420	ppbv 97
19) Isopropyl Alcohol	3.98	45	704504	10.522	ppbv 99
20) Methylene Chloride	4.35	84	548826	8.493	ppbv 96
21) Allyl Chloride	4.42	41	1137755	11.331	ppbv 97
22) trans-1,2-Dichloroethene	4.89	96	646002	10.981	ppbv 95
23) Vinyl Acetate	5.08	43	2589326	14.087	ppbv 98
24) 1,1-Dichloroethane	5.02	63	1798993	13.787	ppbv 97
25) Ethyl Acetate	5.69	43	3639110	11.025	ppbv 100
26) Hexane	5.69	57	1700559	11.012	ppbv 95
27) Carbon Disulfide	4.56	76	1705637	12.716	ppbv 98
28) Methyl tert-Butyl Ether	5.04	73	2007976	14.669	ppbv 100
29) Chloroform	5.76	83	2697115	11.202	ppbv 98
30) Cyclohexane	7.14	84	1456742	11.895	ppbv 97
31) cis-1,2-Dichloroethene	5.56	61	1696092	12.235	ppbv 99
32) 1,1,1-Trichloroethane	6.52	97	2721988	11.118	ppbv 99
34) 2-Butanone	5.26	43	1753744	10.823	ppbv 100
35) Carbon Tetrachloride	7.02	117	2840603	11.317	ppbv 96
36) Benzene	6.90	78	3578198	11.481	ppbv 98
37) 1,2-Dichloroethane	6.31	62	2043386	11.578	ppbv 100
38) Trichloroethene	7.84	130	1307199	11.780	ppbv 97
39) 1,2-Dichloropropane	7.62	63	1407176	11.270	ppbv 98
40) 1,4-Dioxane	7.84	88	137426	4.558	ppbv # 1
41) Tetrahydrofuran	6.06	42	877593	12.381	ppbv 99
42) Bromodichloromethane	7.80	83	2864903	11.683	ppbv 97
43) Methyl Methacrylate	8.02	69	1289127	12.676	ppbv 96

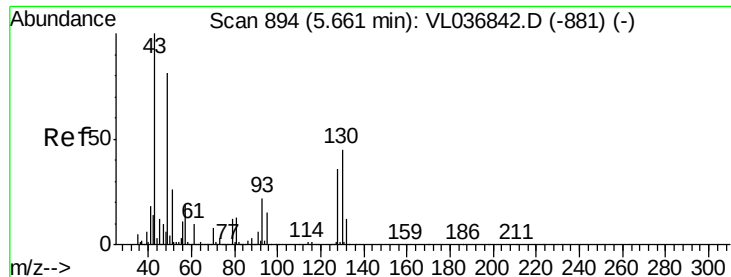
Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL050621\
 Data File : VL036909.D
 Acq On : 6 May 2021 18:36
 Operator : SY/AP
 Sample : VL0506ABS01
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Quant Time: May 07 08:14:05 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL042721AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue Apr 27 16:56:35 2021
 QLast Update : Tue Apr 27 16:56:35 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,2,4-Trimethylpentane	7.88	57	5967293	11.172	ppbv	99
45) t-1,3-Dichloropropene	9.29	75	1424536	12.994	ppbv	99
46) cis-1,3-Dichloropropene	8.71	75	1830500	13.023	ppbv	100
47) 1,1,2-Trichloroethane	9.48	97	1440460	11.143	ppbv	98
48) Dibromochloromethane	10.31	129	2386417	12.458	ppbv	98
49) Bromoform	13.05	173	1896025	12.399	ppbv	99
50) 4-Methyl-2-Pentanone	8.75	43	2618500	11.822	ppbv	98
51) 2-Hexanone	10.15	43	1365782	12.363	ppbv #	96
52) Tetrachloroethene	11.23	164	1194188	11.252	ppbv	99
53) Toluene	9.81	91	3985330	12.220	ppbv	100
54) 1,2-Dibromoethane	10.62	107	2062844	11.303	ppbv	99
56) 1,1,1,2-Tetrachloroethane	12.13	131	1581169	10.803	ppbv #	62
57) Chlorobenzene	12.15	112	2890725	10.631	ppbv	98
58) Ethyl Benzene	12.72	91	5211555	11.769	ppbv	99
59) m/p-Xylene	13.00	91	5258614	13.287	ppbv #	53
60) o-Xylene	13.70	91	4167039	10.889	ppbv	100
61) Styrene	13.54	104	2400728	13.359	ppbv	100
62) Isopropylbenzene	14.67	105	5647601	10.847	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.68	83	3041252	9.914	ppbv	99
64) n-propylbenzene	15.56	120	1478279	11.393	ppbv	100
65) tert-Butylbenzene	16.75	119	4928612	10.707	ppbv	99
66) Benzyl Chloride	17.00	91	509610	11.322	ppbv	99
67) sec-Butylbenzene	17.30	105	6944032	10.863	ppbv	100
69) p-Isopropyltoluene	17.66	119	5687974	11.099	ppbv	99
70) n-Butylbenzene	18.56	91	5830536	11.288	ppbv	100
71) 2-Chlorotoluene	15.46	91	4309995	11.177	ppbv	99
72) 4-Ethyltoluene	15.84	105	4926504	11.994	ppbv	100
73) 1,3,5-Trimethylbenzene	16.00	105	4416887	11.088	ppbv	98
74) 1,2,4-Trimethylbenzene	16.77	105	4538205	10.726	ppbv	95
75) 1,3-Dichlorobenzene	17.00	146	2624875	10.494	ppbv	99
76) 1,4-Dichlorobenzene	17.14	146	2491009	10.177	ppbv	98
77) 1,2-Dichlorobenzene	17.82	146	2539986	10.397	ppbv	100
78) Hexachloro-1,3-Butadiene	23.38	225	1846904	8.897	ppbv	100
79) Naphthalene	22.20	128	2850888	12.031	ppbv	99
80) Naphthalene, 2-methyl-	24.98	142	317882	12.164	ppbv	93
81) 1,2,4-Trichlorobenzene	21.94	180	719597	4.695	ppbv #	6

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



#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.67 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: VL0506ABS01

Acq: 6 May 2021 18:30

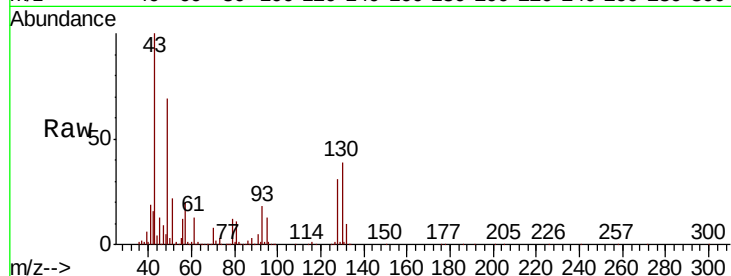
Tot Ion: 49 Resp: 1433700

Ion Ratio Lower Upper

49 100

128 49.9 24.4 73.2

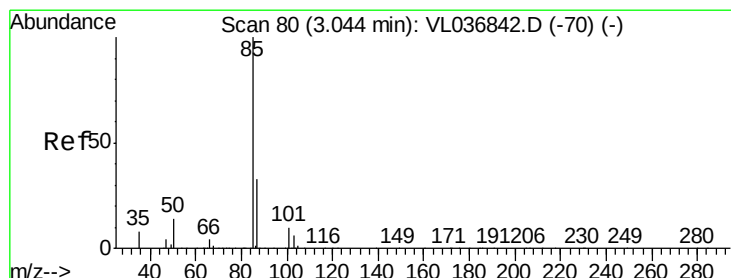
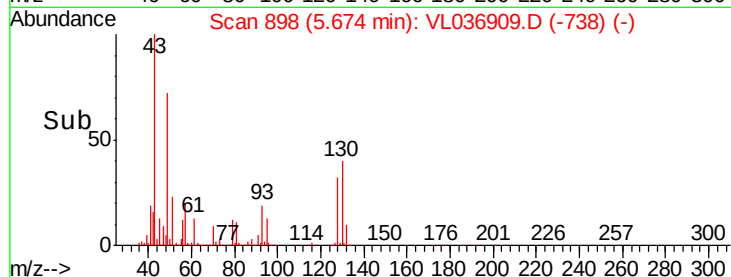
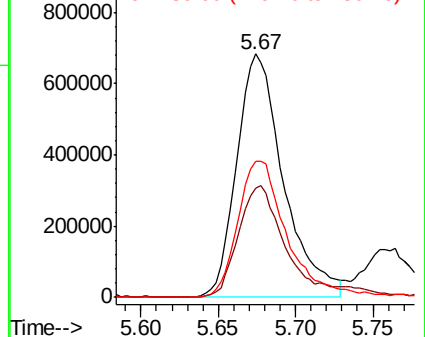
130 60.8 30.3 90.8



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: 9.247 ppbv

RT: 3.05 min Scan# 83

Delta R.T. 0.01 min

Lab File: VL036909.D

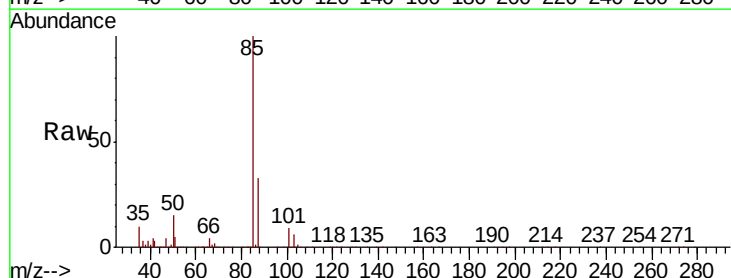
Acq: 6 May 2021 18:36

Tgt Ion: 85 Resp: 2087973

Ion Ratio Lower Upper

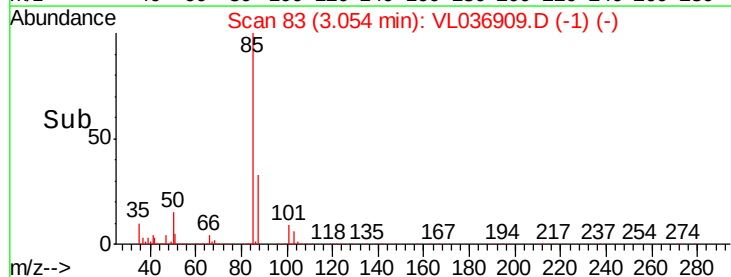
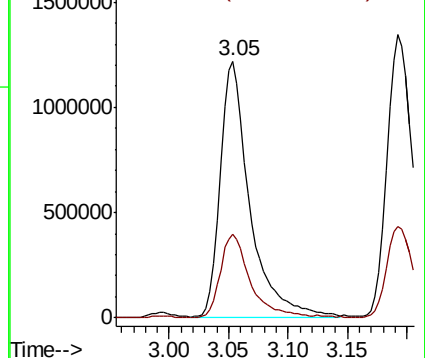
85 100

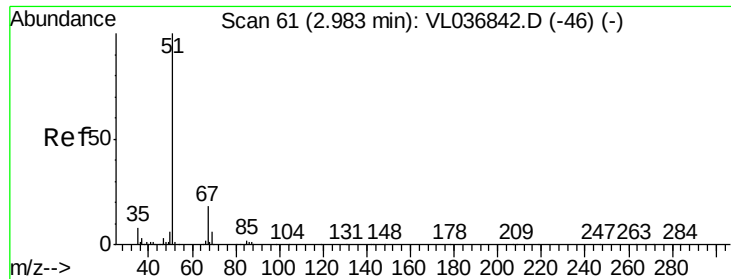
87 32.5 26.2 39.2



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0





#3

Chlorodifluoromethane

Concen: 10.813 ppbv

RT: 2.99 Instrument: MSVOA_1

Delta R.T.

Lab File: ClientSampleId:

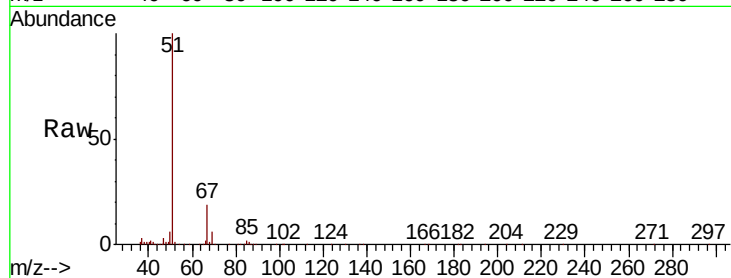
Acq: 6 May 2021 18:30

Tot Ion: 51 Resp: 2823823

Ion Ratio Lower Upper

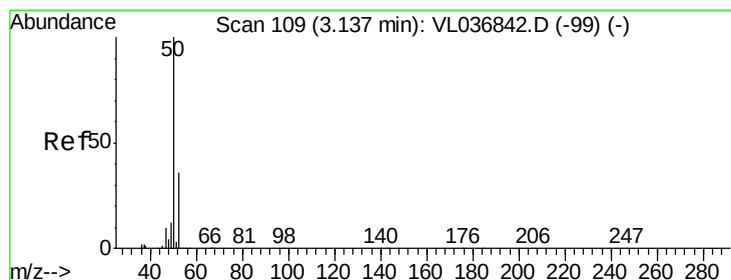
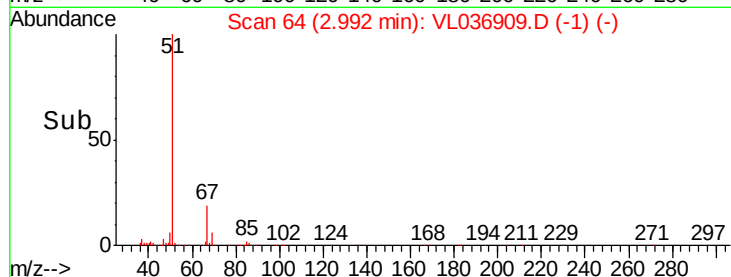
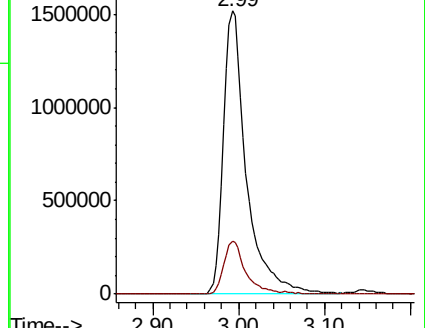
51 100

67 18.3 14.8 22.2



Abundance Ion 51.00 (50.70 to 51.70): VL0

Ion 67.00 (66.70 to 67.70): VL0



#4

Chloromethane

Concen: 11.454 ppbv

RT: 3.14 min Scan# 111

Delta R.T. 0.01 min

Lab File: VL036909.D

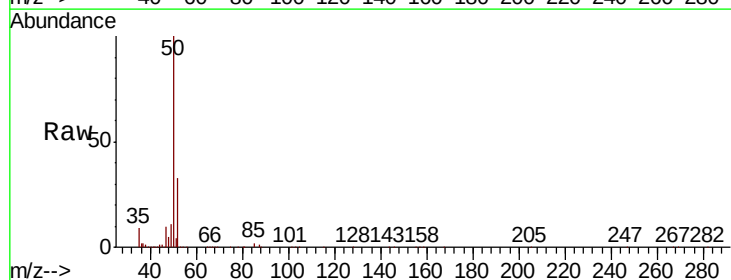
Acq: 6 May 2021 18:36

Tgt Ion: 50 Resp: 983148

Ion Ratio Lower Upper

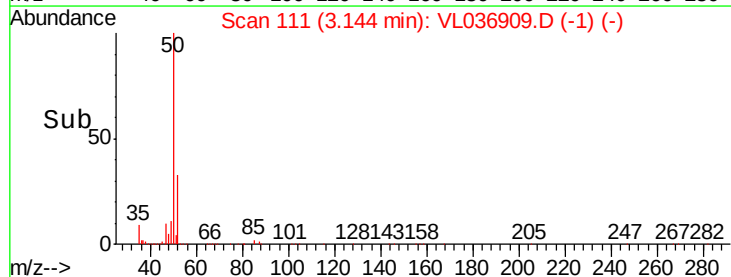
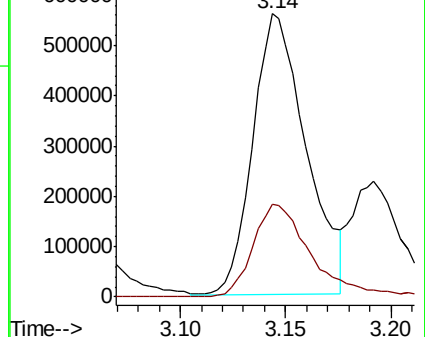
50 100

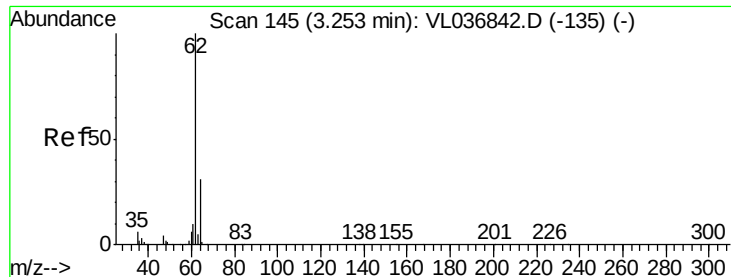
52 33.2 28.5 42.7



Abundance Ion 50.10 (49.80 to 50.80): VL0

Ion 52.10 (51.80 to 52.80): VL0





#5

Vinyl Chloride

Concen: 11.355 ppbv

RT: 3.26 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

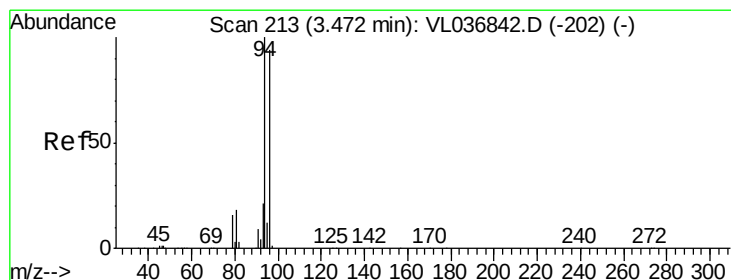
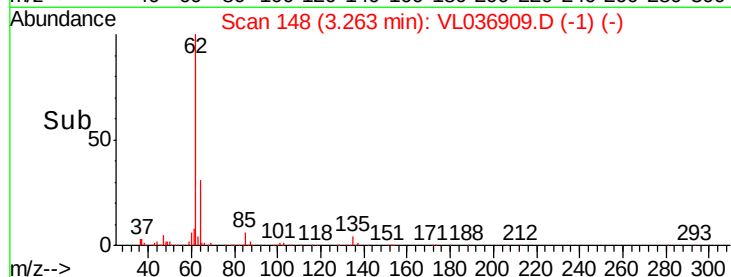
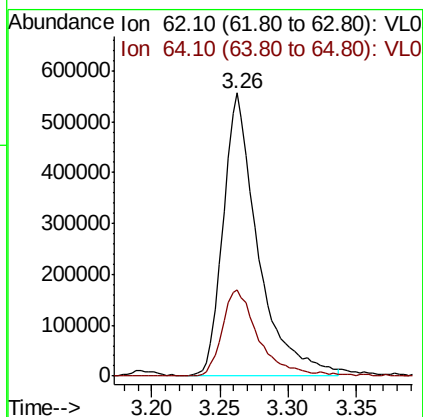
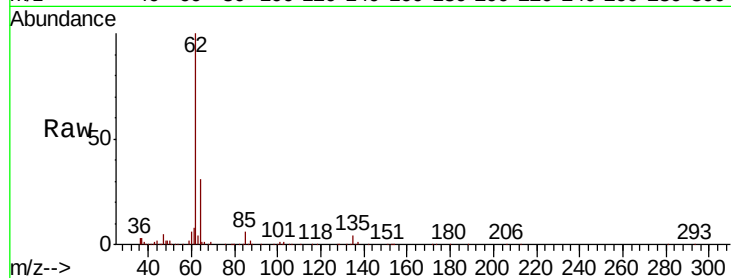
Acq: 6 May 2021 18:30 VL0506ABS01

Tot Ion: 62 Resp: 983141

Ion Ratio Lower Upper

62 100

64 30.7 25.0 37.4



#6

Bromomethane

Concen: 11.565 ppbv

RT: 3.48 min Scan# 215

Delta R.T. 0.01 min

Lab File: VL036909.D

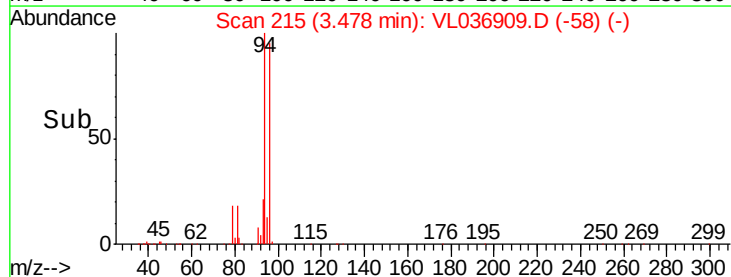
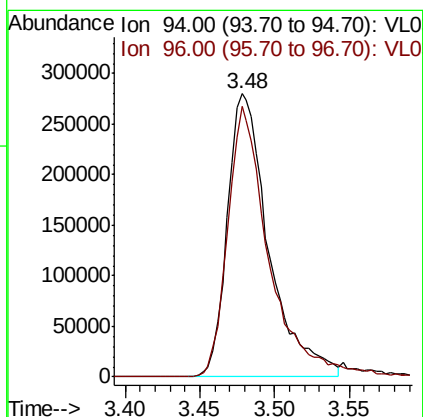
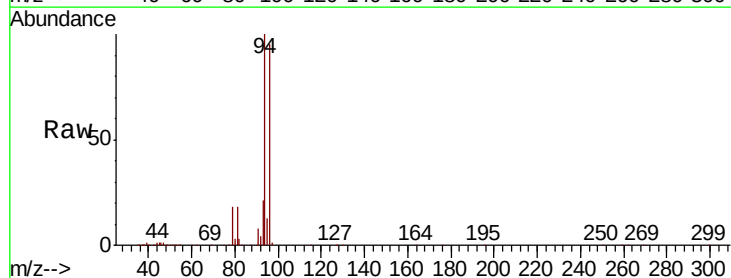
Acq: 6 May 2021 18:36

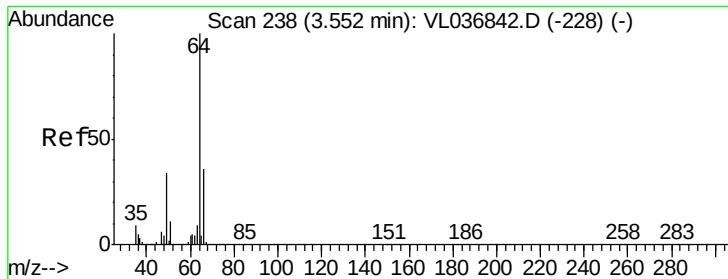
Tgt Ion: 94 Resp: 538419

Ion Ratio Lower Upper

94 100

96 95.5 75.4 113.0





#7

Chloroethane

Concen: 11.674 ppbv

RT: 3.56 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

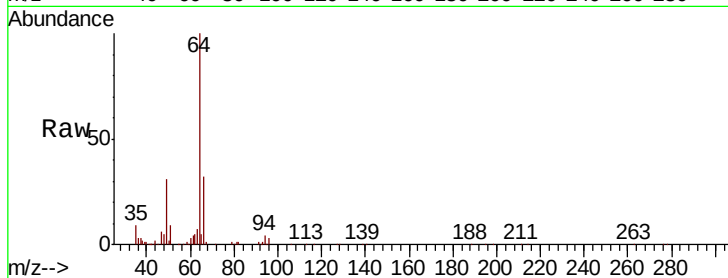
Acq: 6 May 2021 18:30 VL0506ABS01

Tot Ion: 64 Resp: 332130

Ion Ratio Lower Upper

64 100

66 32.1 29.0 43.6



Abundance Ion 64.10 (63.80 to 64.80): VL0

Ion 66.10 (65.80 to 66.80): VL0

3.56

200000

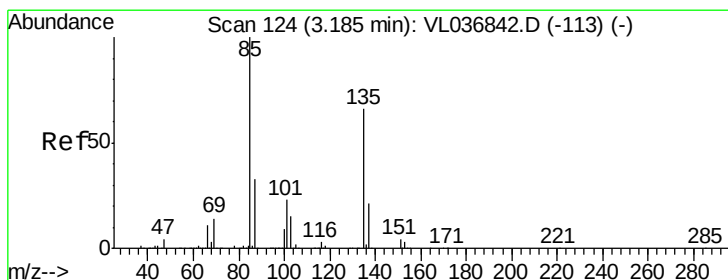
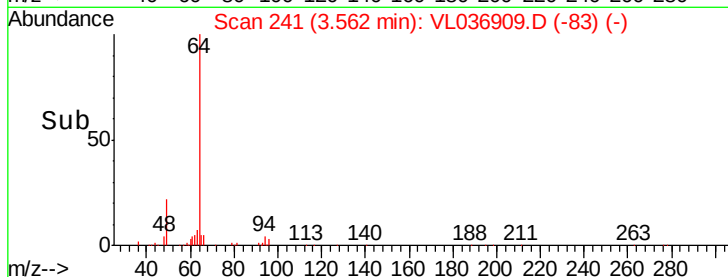
150000

100000

50000

0

Time-->



#8

Dichlorotetrafluoroethane

Concen: 10.972 ppbv

RT: 3.19 min Scan# 126

Delta R.T. 0.01 min

Lab File: VL036909.D

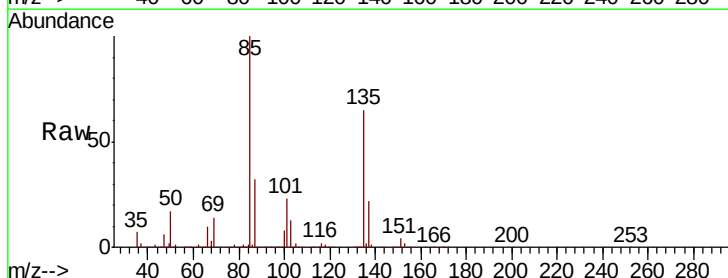
Acq: 6 May 2021 18:36

Tgt Ion: 85 Resp: 2259748

Ion Ratio Lower Upper

85 100

135 70.9 56.2 84.4



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 135.00 (134.70 to 135.70): V

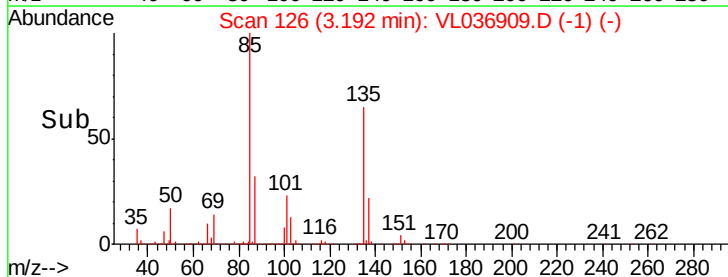
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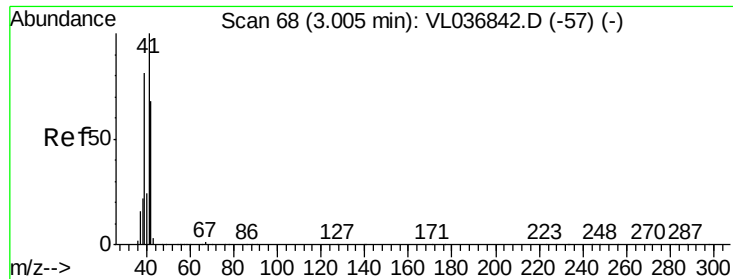
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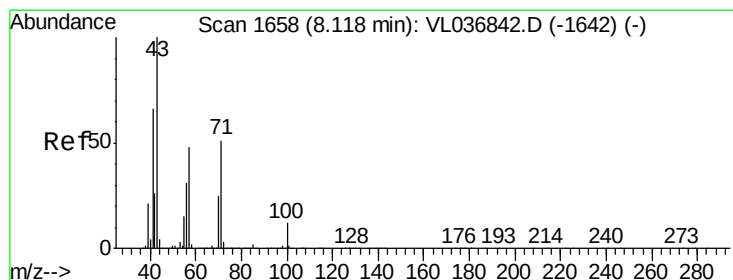
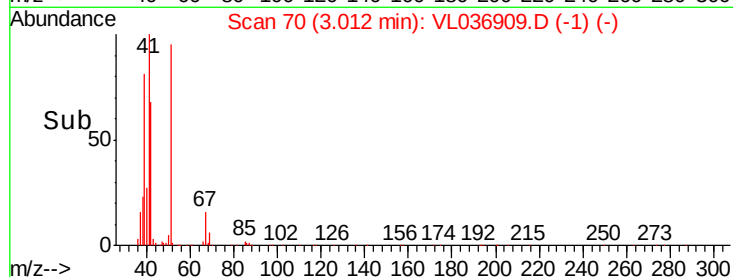
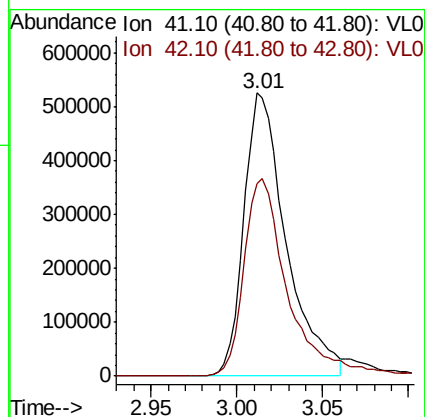
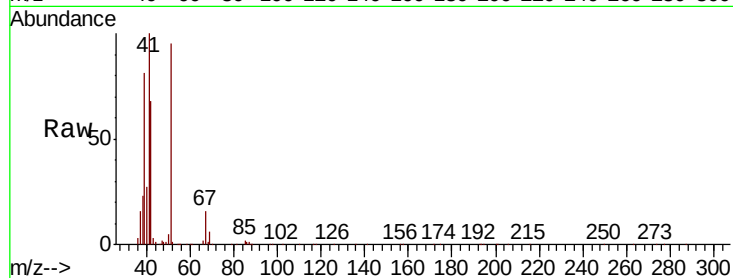
Time-->





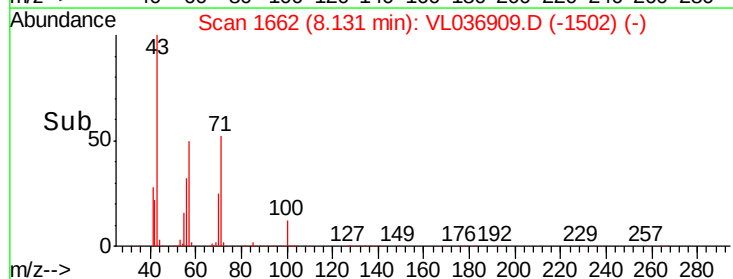
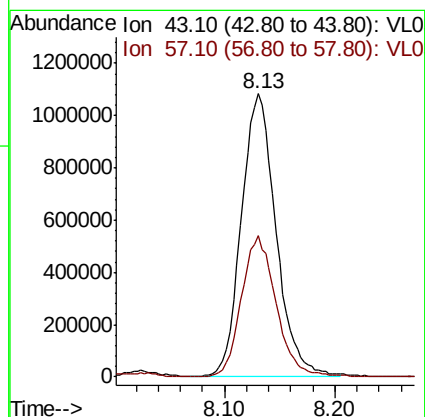
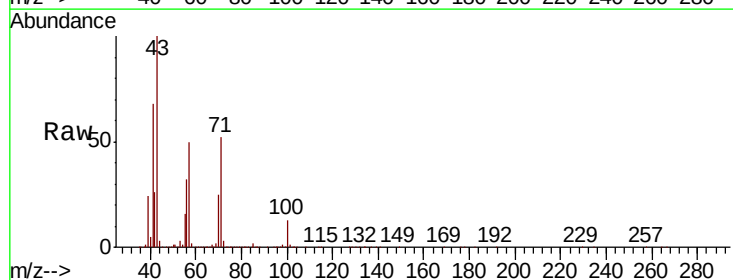
#9
 Propene
 Concen: 11.300 ppbv
 RT: 3.01
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VL0506ABS01
 Acq: 6 May 2021 18:30

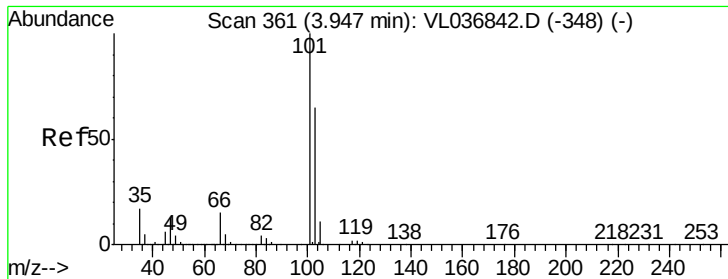
Tot Ion: 41 Resp: 899202
 Ion Ratio Lower Upper
 41 100
 42 73.5 56.0 84.0



#10
 Heptane
 Concen: 11.694 ppbv
 RT: 8.13 min Scan# 1662
 Delta R.T. 0.01 min
 Lab File: VL036909.D
 Acq: 6 May 2021 18:36

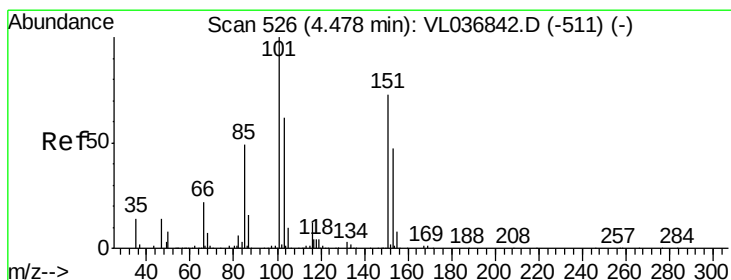
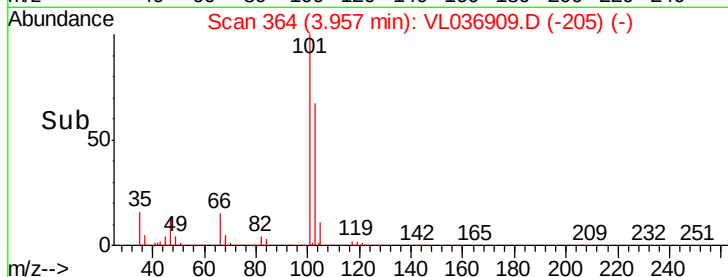
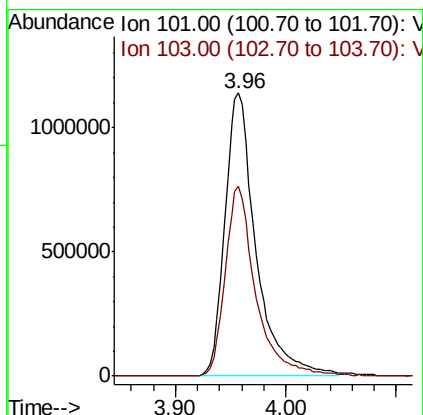
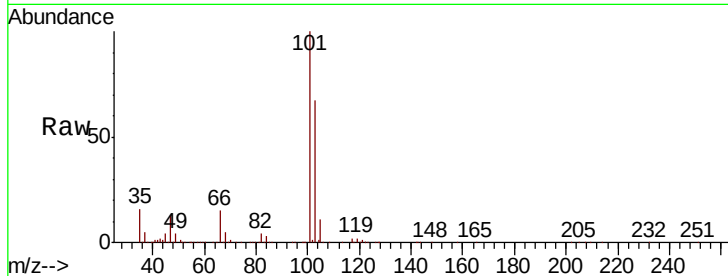
Tgt Ion: 43 Resp: 2340443
 Ion Ratio Lower Upper
 43 100
 57 49.9 38.8 58.2





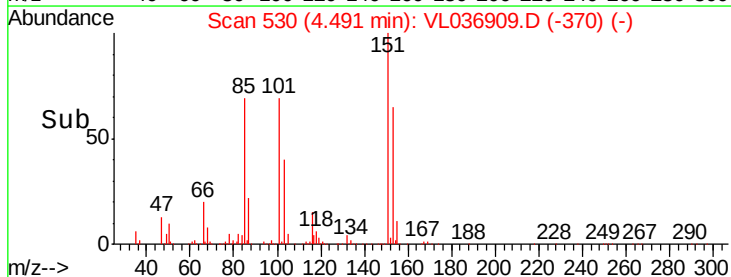
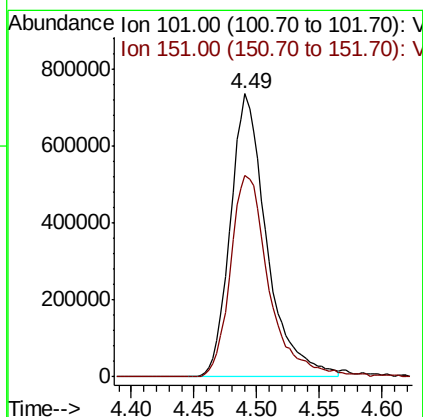
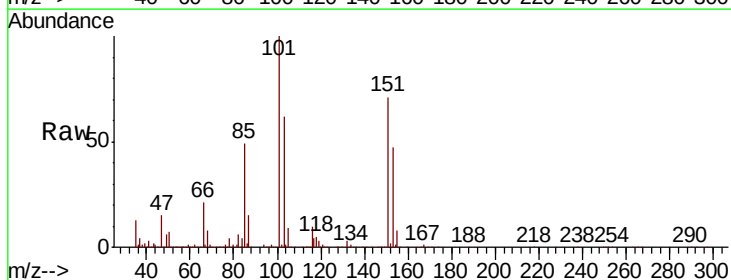
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 Trichlorofluoromethane
 Concen: 11.073 ppbv
 RT: 3.96
 Instrument: MSVOA_1
 Delta R.T.:
 ClientSampleId:
 Lab File: VL0506ABS01
 Acq: 6 May 2021 18:30

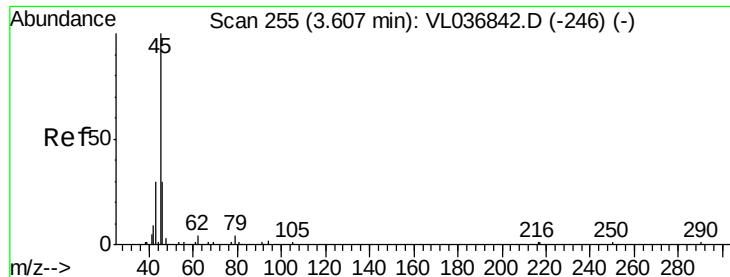
Tot Ion:101 Resp: 2231812
 Ion Ratio Lower Upper
 101 100
 103 66.9 51.6 77.4



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 11.023 ppbv
 RT: 4.49 min Scan# 530
 Delta R.T.: 0.01 min
 Lab File: VL036909.D
 Acq: 6 May 2021 18:36

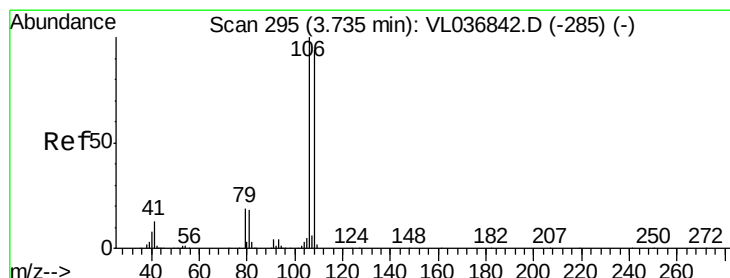
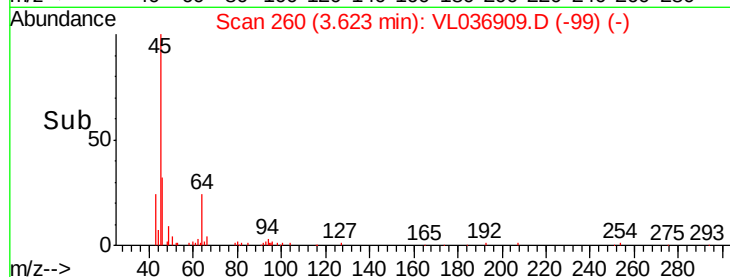
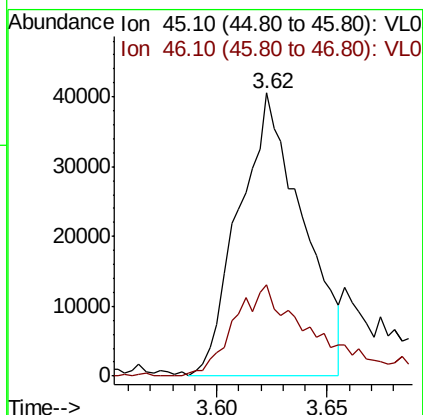
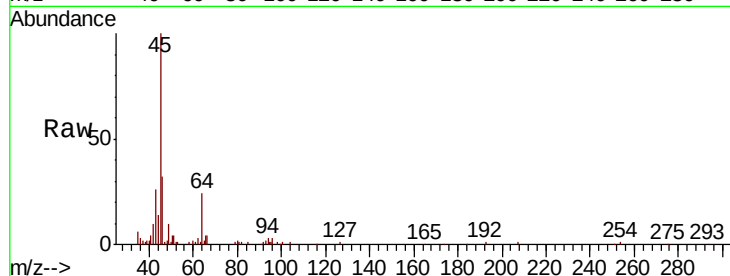
Tgt Ion:101 Resp: 1486887
 Ion Ratio Lower Upper
 101 100
 151 76.2 61.1 91.7





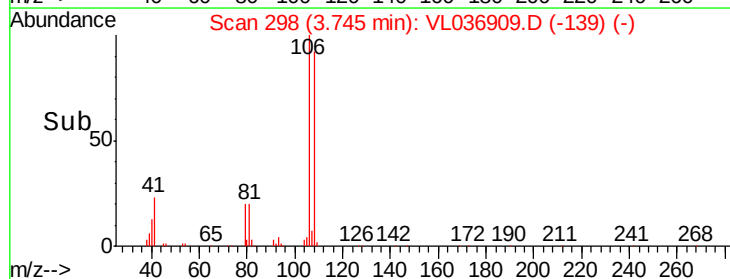
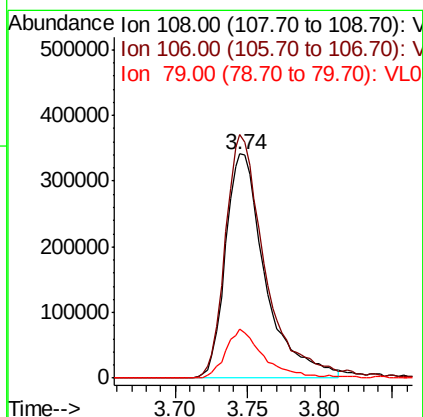
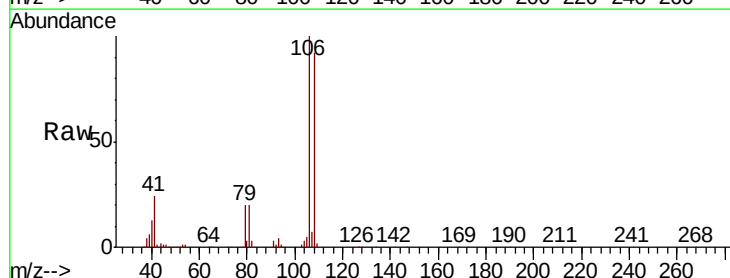
#13
Ethanol
Concen: 8.027 ppbv
RT: 3.62
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 6 May 2021 18:30

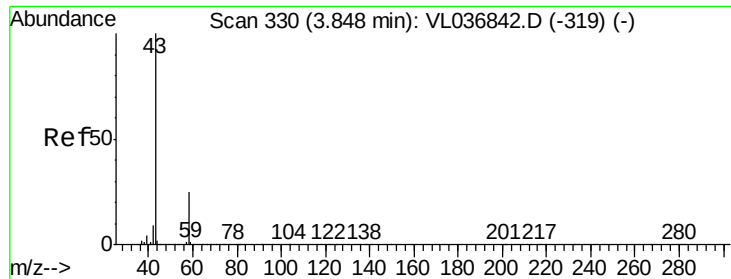
Tot Ion: 45 Resp: 81459
Ion Ratio Lower Upper
45 100
46 45.8 16.8 67.4



#14
Bromoethene
Concen: 11.814 ppbv
RT: 3.74 min Scan# 298
Delta R.T. 0.01 min
Lab File: VL036909.D
Acq: 6 May 2021 18:36

Tgt Ion: 108 Resp: 651071
Ion Ratio Lower Upper
108 100
106 110.3 88.5 132.7
79 21.7 17.9 26.9





#15

Acetone

Concen: 9.245 ppbv

RT: 3.86 Instrument: MSVOA_1

Delta R.T. 0.01 min

Lab File: VL0506ABS01 ClientSampleId:

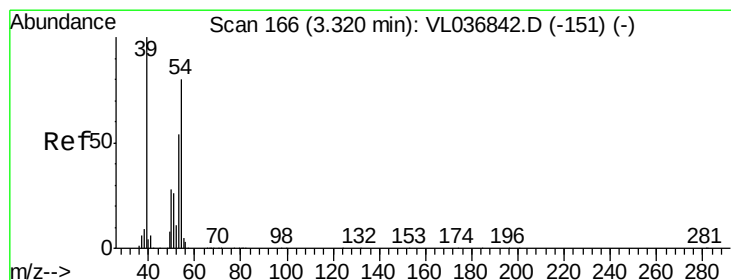
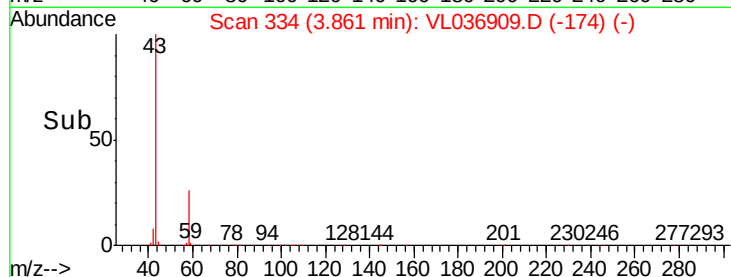
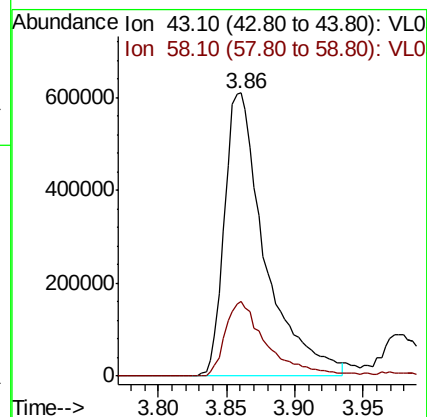
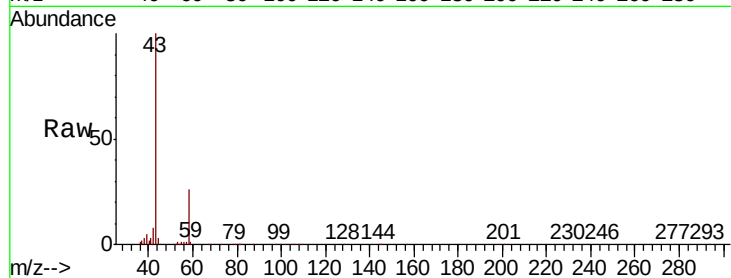
Acq: 6 May 2021 18:30

Tot Ion: 43 Resp: 1249196

Ion Ratio Lower Upper

43 100

58 27.3 21.7 32.5



#16

1,3-Butadiene

Concen: 11.321 ppbv

RT: 3.33 min Scan# 170

Delta R.T. 0.01 min

Lab File: VL036909.D

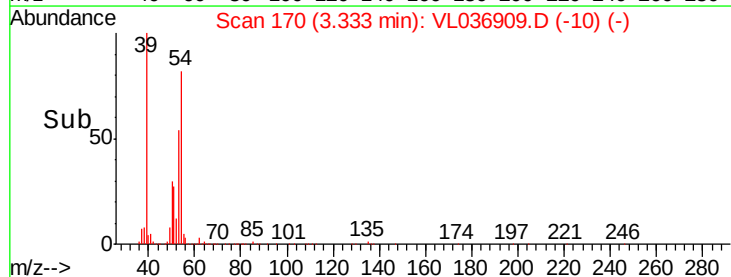
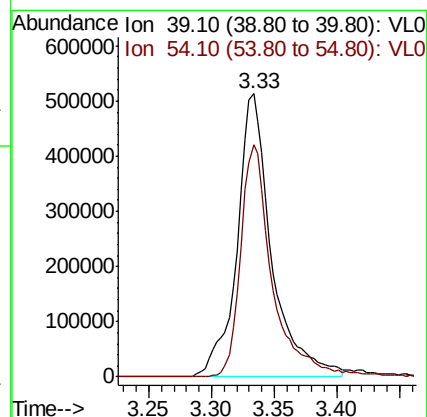
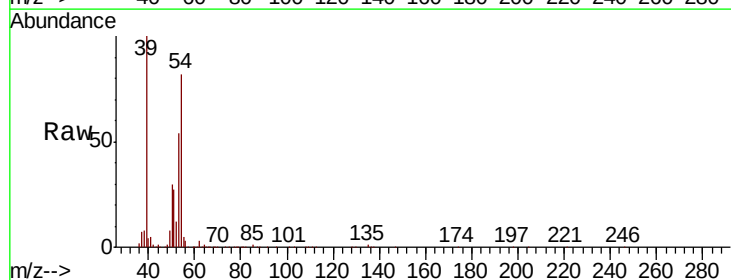
Acq: 6 May 2021 18:36

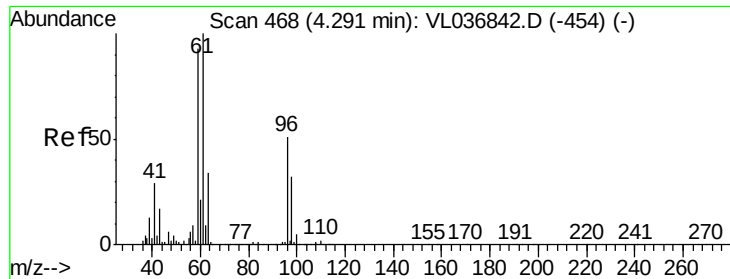
Tgt Ion: 39 Resp: 978230

Ion Ratio Lower Upper

39 100

54 76.1 59.6 89.4





#17

tert-Butyl alcohol

Concen: 11.597 ppbv

RT: 4.30 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

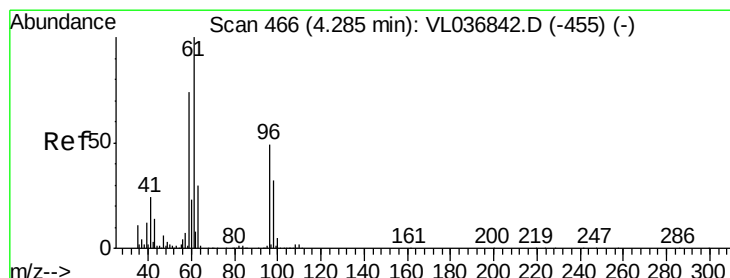
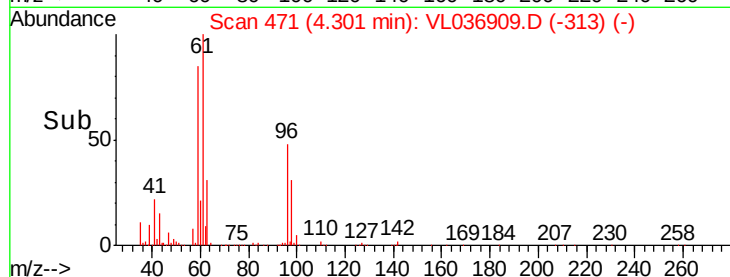
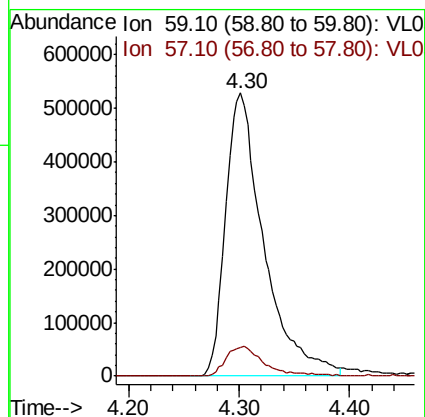
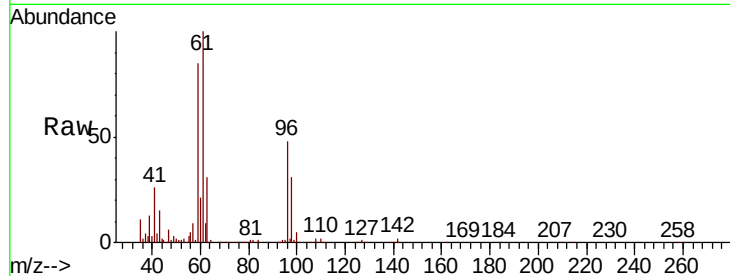
Acq: 6 May 2021 18:30

Tot Ion: 59 Resp: 1272032

Ion Ratio Lower Upper

59 100

57 10.8 8.3 12.5



#18

1,1-Dichloroethene

Concen: 11.420 ppbv

RT: 4.30 min Scan# 470

Delta R.T. 0.01 min

Lab File: VL036909.D

Acq: 6 May 2021 18:36

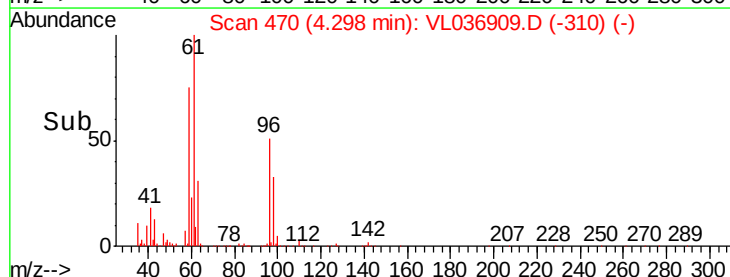
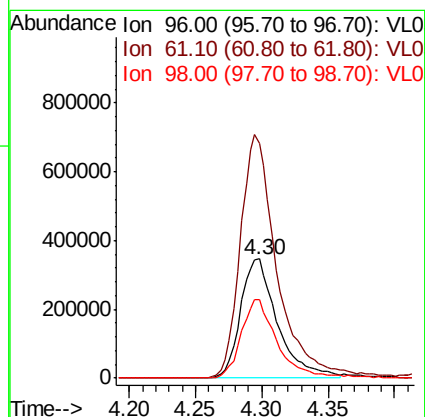
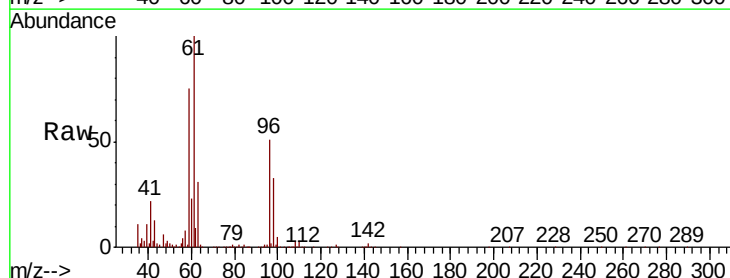
Tgt Ion: 96 Resp: 669495

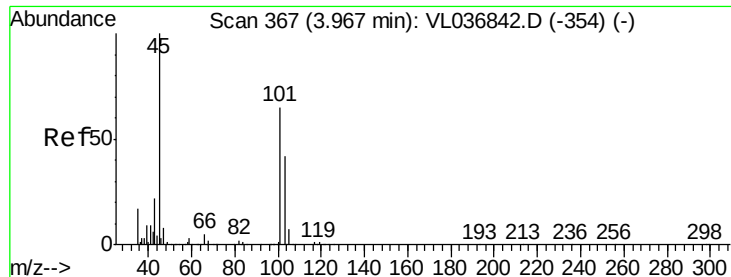
Ion Ratio Lower Upper

96 100

61 196.5 162.2 243.2

98 65.3 51.8 77.6





#19

Isopropyl Alcohol

Concen: 10.522 ppbv

RT: 3.98 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: VL0506ABS01

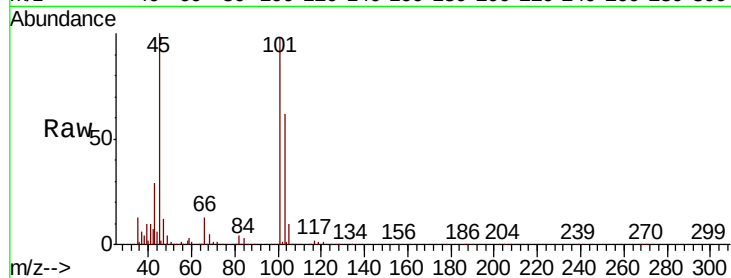
Acq: 6 May 2021 18:36

Tot Ion: 45 Resp: 704504

Ion Ratio Lower Upper

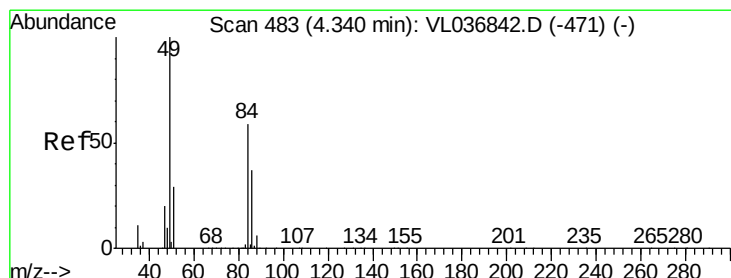
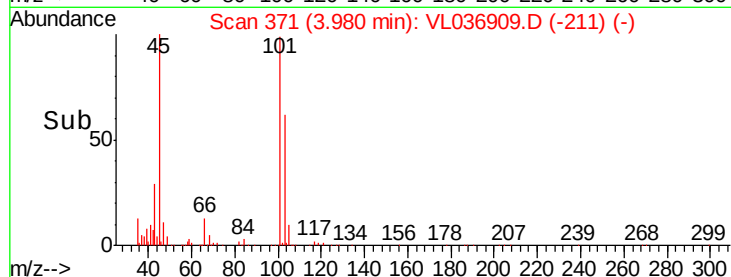
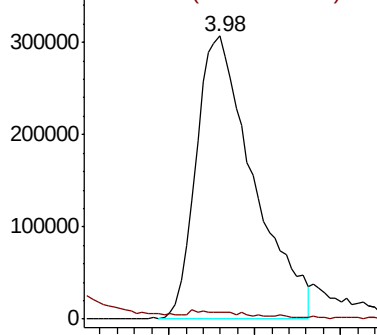
45 100

58 3.7 2.8 4.2



Abundance Ion 45.10 (44.80 to 45.80): VL0

Ion 58.10 (57.80 to 58.80): VL0



#20

Methylene Chloride

Concen: 8.493 ppbv

RT: 4.35 min Scan# 486

Delta R.T. 0.01 min

Lab File: VL036909.D

Acq: 6 May 2021 18:36

Tgt Ion: 84 Resp: 548826

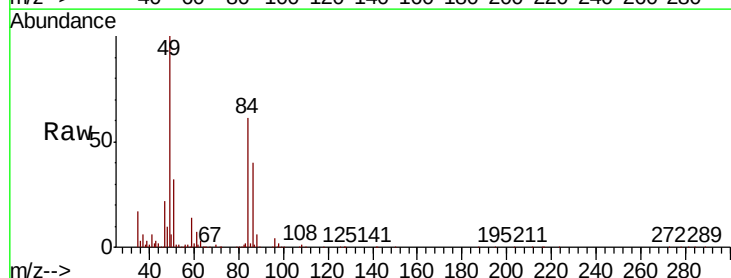
Ion Ratio Lower Upper

84 100

49 161.4 135.4 203.0

51 49.8 39.3 58.9

86 65.0 50.2 75.2

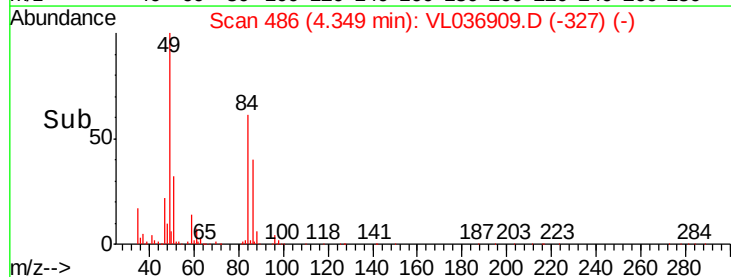
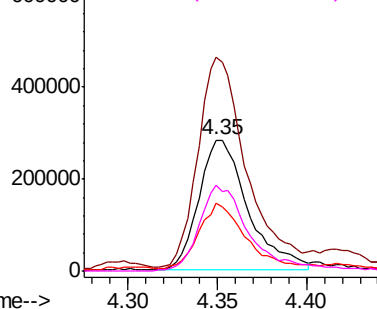


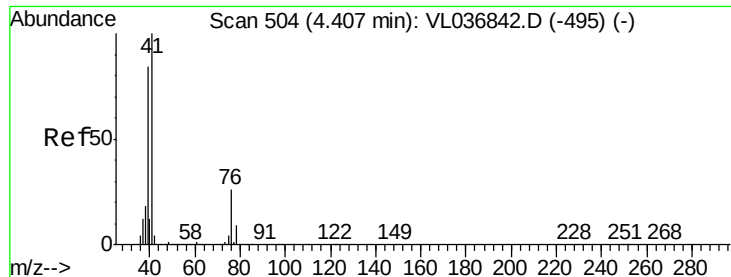
Abundance Ion 84.00 (83.70 to 84.70): VL0

Ion 49.10 (48.80 to 49.80): VL0

Ion 51.10 (50.80 to 51.80): VL0

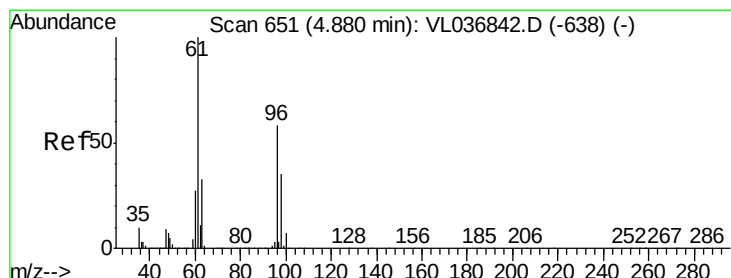
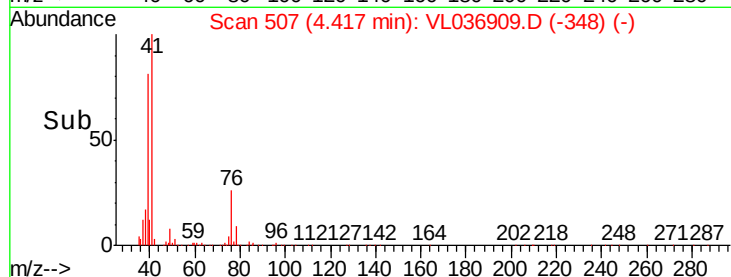
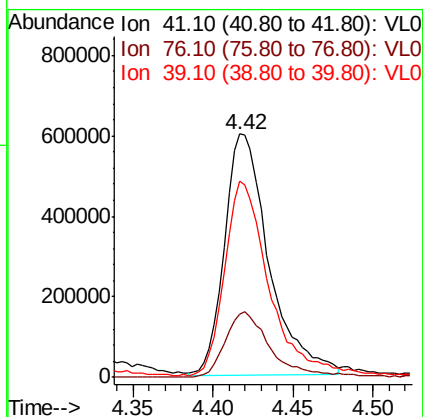
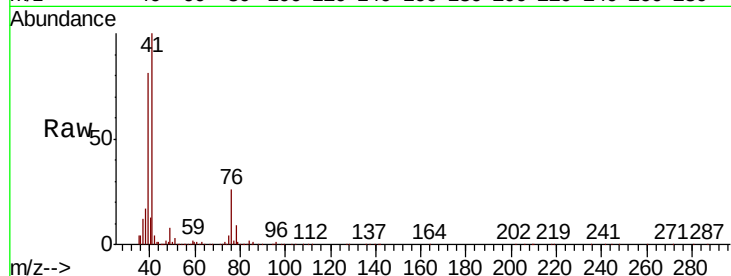
Ion 86.00 (85.70 to 86.70): VL0





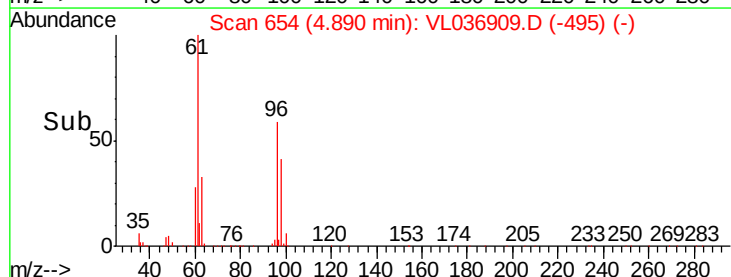
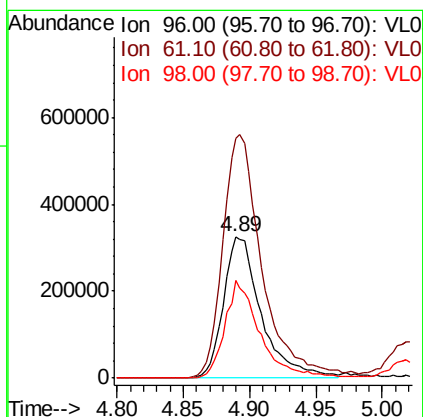
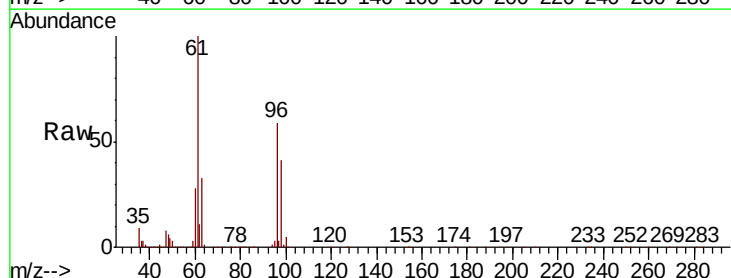
#21
 Allvl Chloride
 Concen: 11.331 ppbv
 RT: 4.42
 Delta R.T. MSVOA_1
 Lab File: ClientSampleId : VL0506ABS01
 Acq: 6 May 2021 18:30

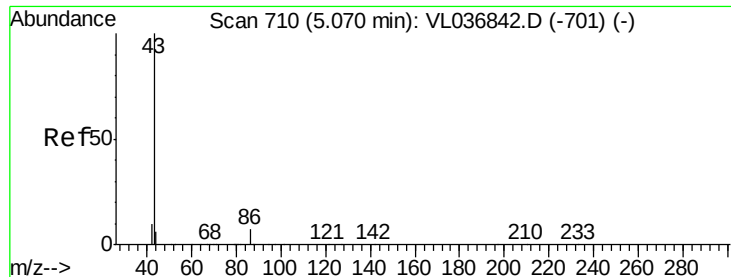
Tot Ion: 41 Resp: 1137755
 Ion Ratio Lower Upper
 41 100
 76 27.9 22.4 33.6
 39 82.0 68.4 102.6



#22
 trans-1,2-Dichloroethene
 Concen: 10.981 ppbv
 RT: 4.89 min Scan# 654
 Delta R.T. 0.01 min
 Lab File: VL036909.D
 Acq: 6 May 2021 18:36

Tgt Ion: 96 Resp: 646002
 Ion Ratio Lower Upper
 96 100
 61 169.4 138.6 207.8
 98 69.0 48.1 72.1

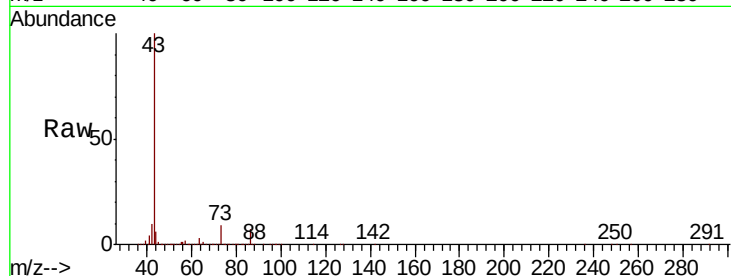




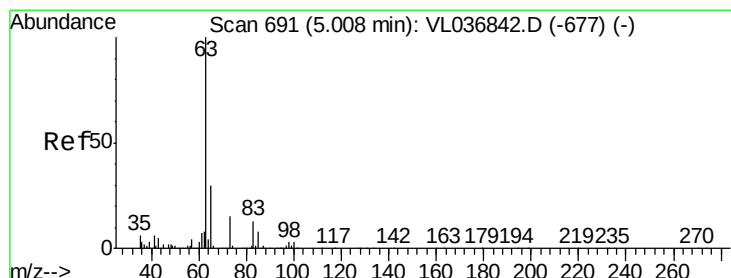
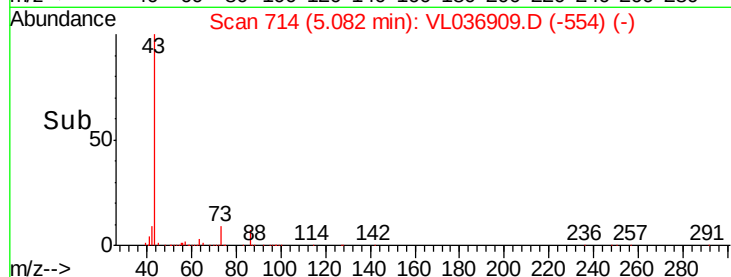
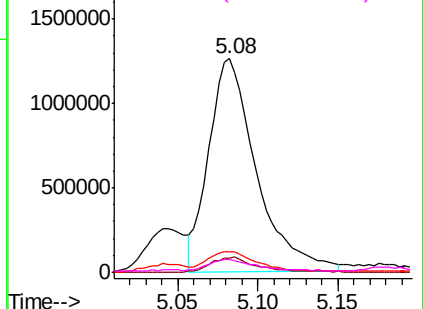
#23
 Vinyl Acetate
 Concen: 14.087 ppbv
 RT: 5.08
 Instrument: MSVOA_1
 Delta R.T.:
 Client Sample Id:
 Lab File: VL0506ABS01
 Acq: 6 May 2021 18:30

Tot Ion: 43 Resp: 2589326

Ion	Ratio	Lower	Upper
43	100		
86	6.5	5.3	7.9
42	9.3	8.7	13.1
44	5.5	3.9	5.9



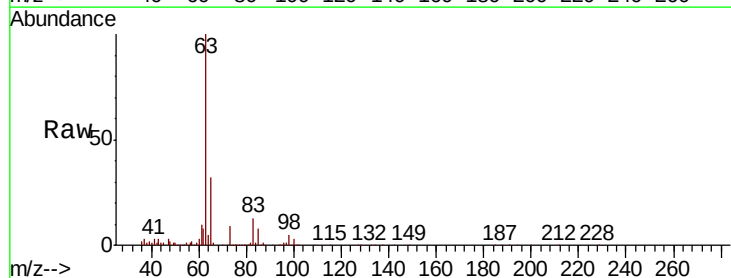
Abundance Ion 43.10 (42.80 to 43.80): VL0
 Ion 86.10 (85.80 to 86.80): VL0
 Ion 42.10 (41.80 to 42.80): VL0
 Ion 44.10 (43.80 to 44.80): VL0



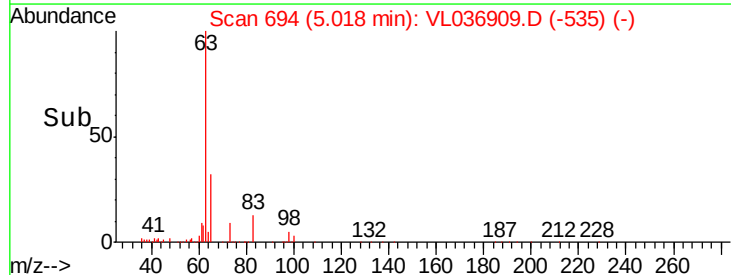
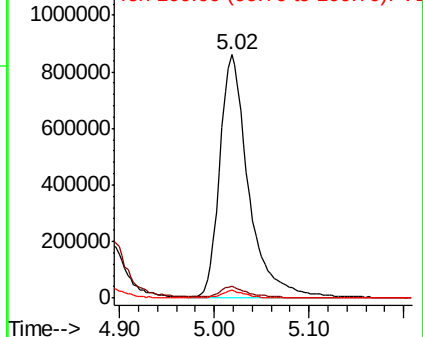
#24
 1,1-Dichloroethane
 Concen: 13.787 ppbv
 RT: 5.02 min Scan# 694
 Delta R.T.: 0.01 min
 Lab File: VL036909.D
 Acq: 6 May 2021 18:36

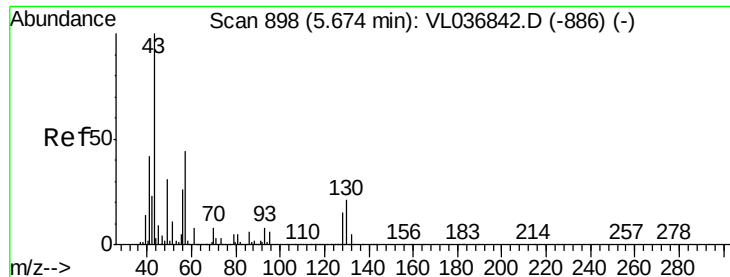
Tgt Ion: 63 Resp: 1798993

Ion	Ratio	Lower	Upper
63	100		
98	4.8	1.7	5.1
100	3.2	1.3	3.8



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

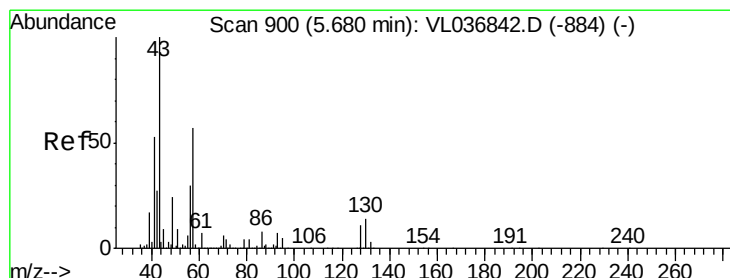
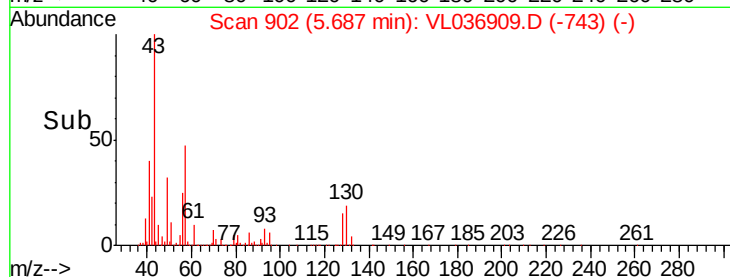
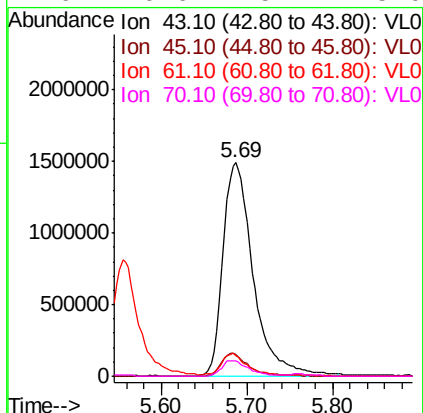
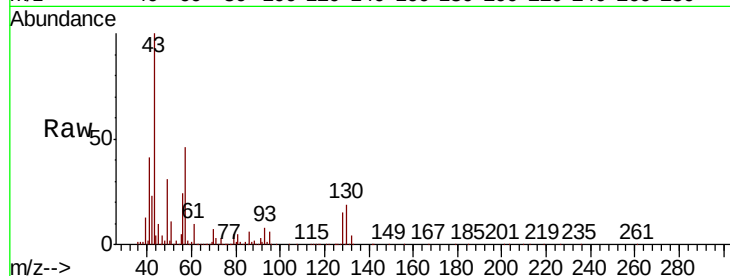




#25
Ethyl Acetate
Concen: 11.025 ppbv
RT: 5.69
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
VL0506ABS01
Acq: 6 May 2021 18:30

Tot Ion: 43 Resp: 3639110

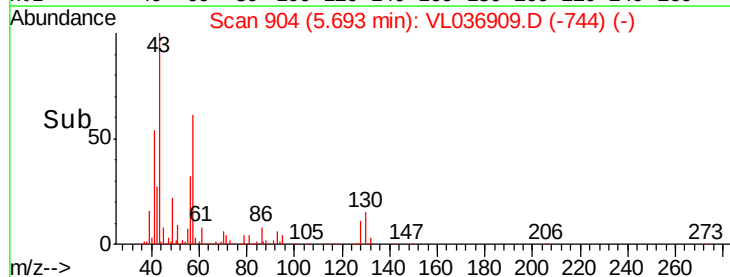
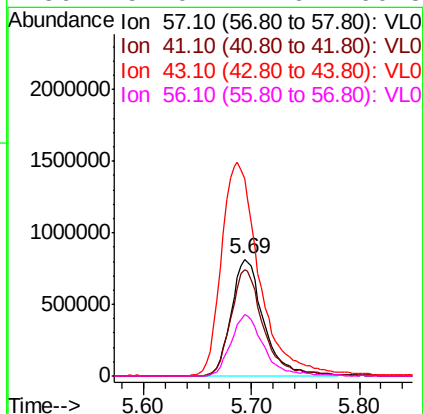
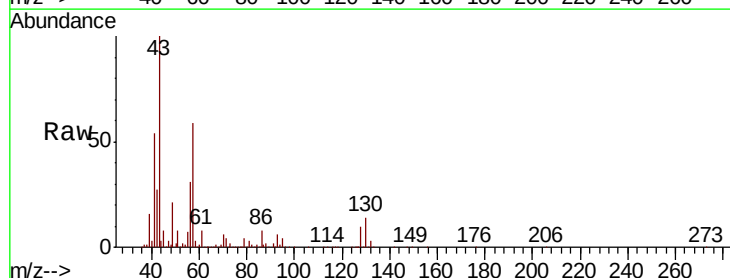
Ion	Ratio	Lower	Upper
43	100		
45	9.8	7.8	11.8
61	9.6	7.4	11.0
70	6.6	5.4	8.0

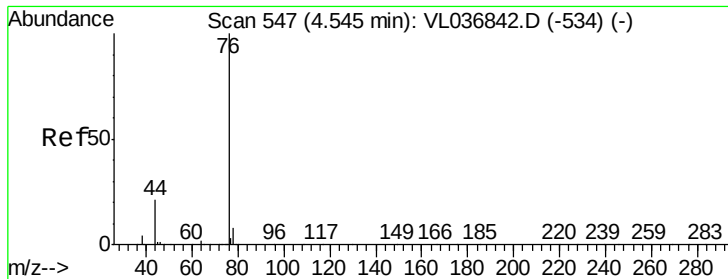


#26
Hexane
Concen: 11.012 ppbv
RT: 5.69 min Scan# 904
Delta R.T.: 0.01 min
Lab File: VL036909.D
Acq: 6 May 2021 18:36

Tgt Ion: 57 Resp: 1700559

Ion	Ratio	Lower	Upper
57	100		
41	92.6	77.7	116.5
43	214.8	180.5	270.7
56	54.0	44.6	66.8





#27

Carbon Disulfide

Concen: 12.716 ppbv

RT: 4.56 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 6 May 2021 18:30 VL0506ABS01

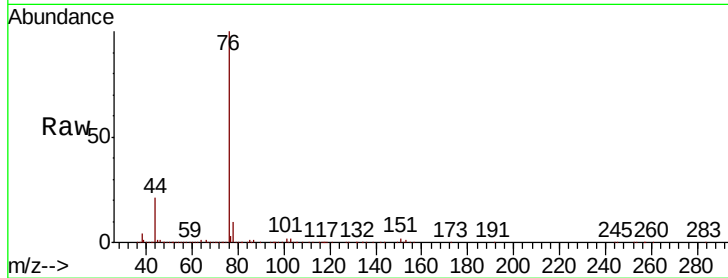
Tot Ion: 76 Resp: 1705637

Ion Ratio Lower Upper

76 100

44 19.9 16.9 25.3

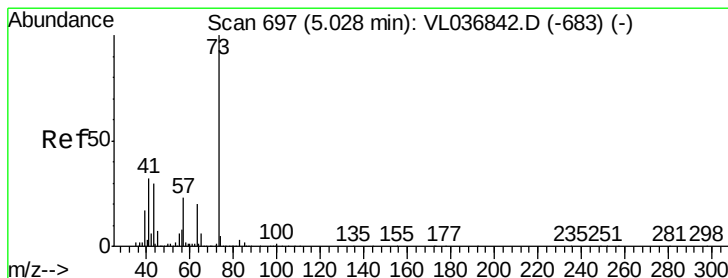
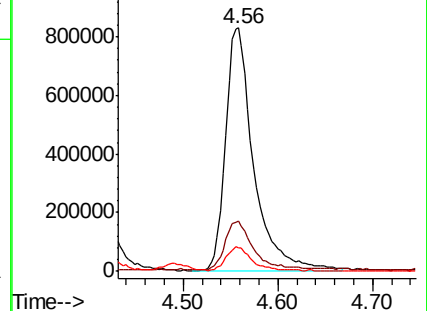
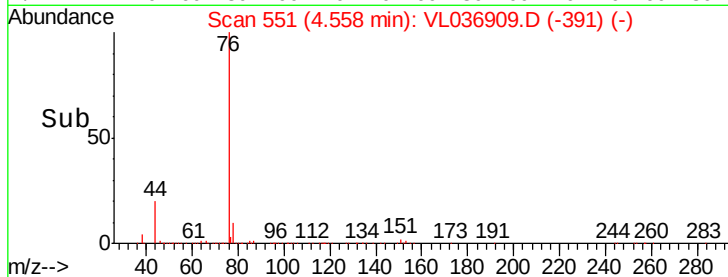
78 10.1 7.9 11.9



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: 14.669 ppbv

RT: 5.04 min Scan# 702

Delta R.T. 0.02 min

Lab File: VL036909.D

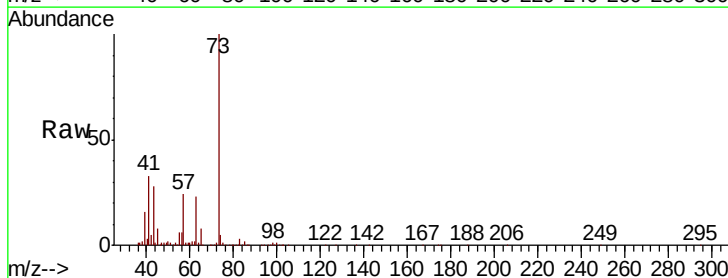
Acq: 6 May 2021 18:36

Tgt Ion: 73 Resp: 2007976

Ion Ratio Lower Upper

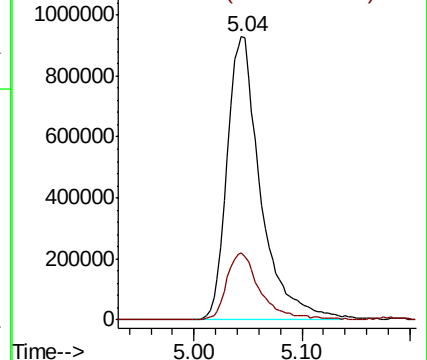
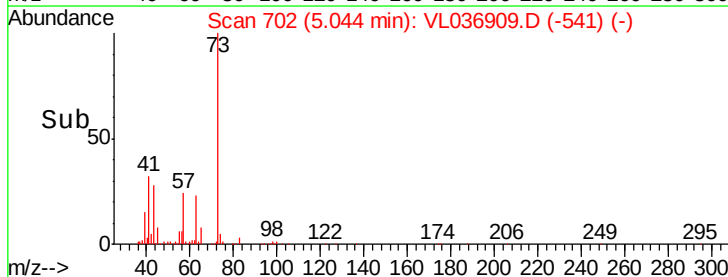
73 100

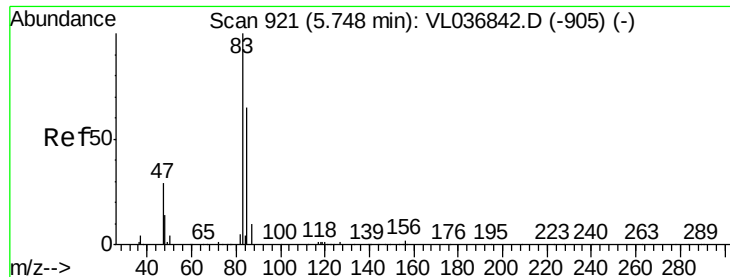
57 23.9 19.0 28.6



Abundance Ion 73.10 (72.80 to 73.80): VL0

Ion 57.10 (56.80 to 57.80): VL0





#29

Chloroform

Concen: 11.202 ppbv

RT: 5.76 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

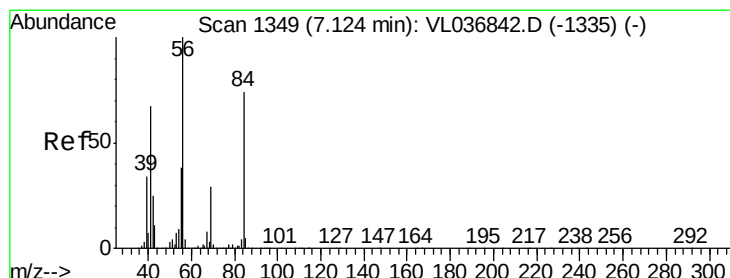
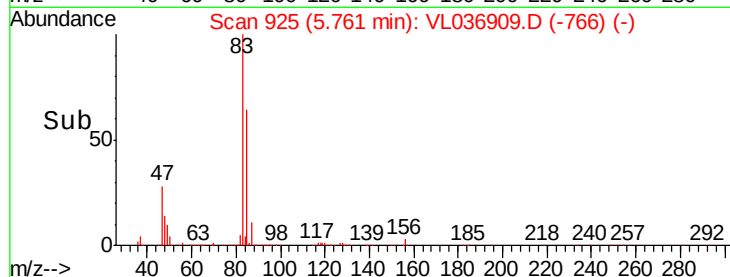
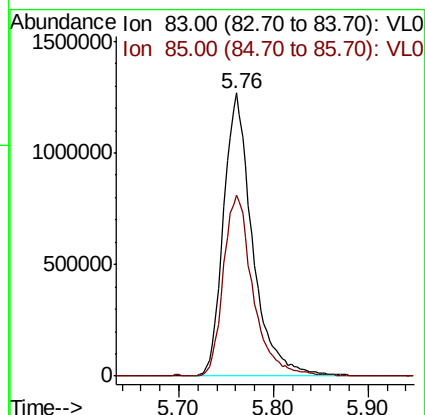
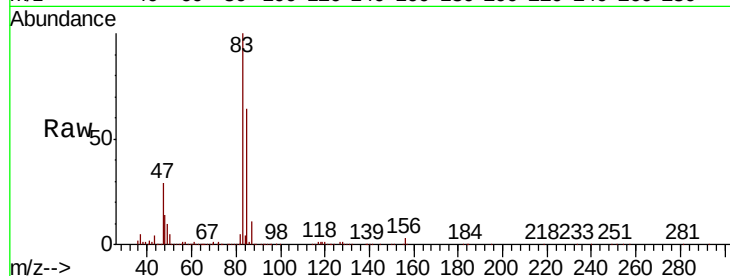
Acq: 6 May 2021 18:30

Tot Ion: 83 Resp: 2697115

Ion Ratio Lower Upper

83 100

85 63.7 52.2 78.4



#30

Cyclohexane

Concen: 11.895 ppbv

RT: 7.14 min Scan# 1353

Delta R.T. 0.01 min

Lab File: VL036909.D

Acq: 6 May 2021 18:36

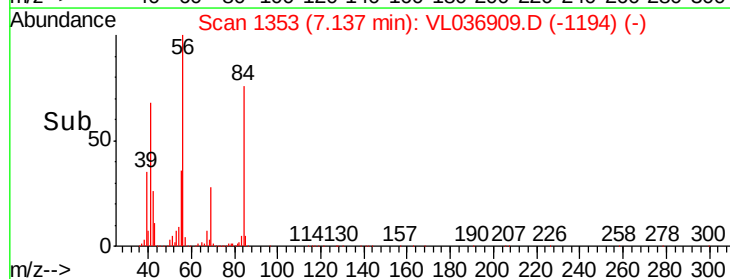
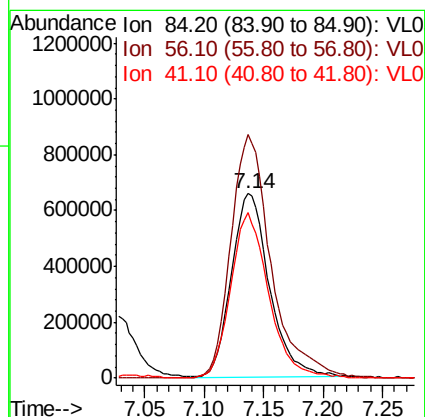
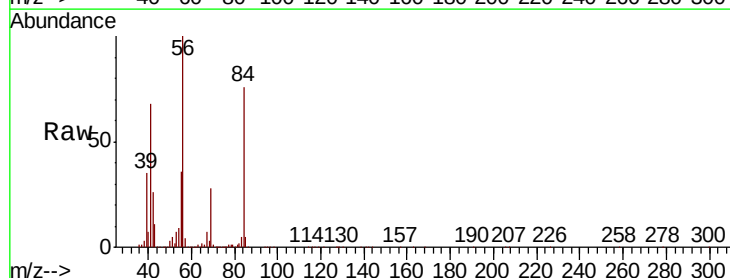
Tgt Ion: 84 Resp: 1456742

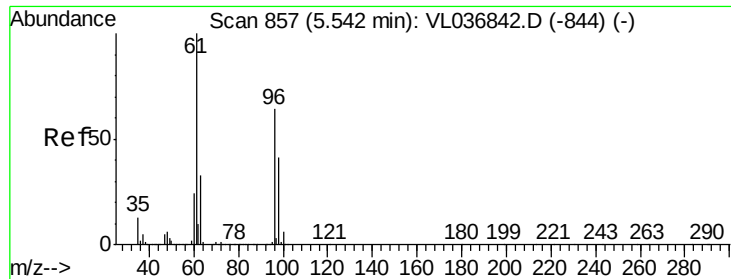
Ion Ratio Lower Upper

84 100

56 141.4 115.8 173.6

41 90.5 74.6 111.8





#31

cis-1,2-Dichloroethene

Concen: 12.235 ppbv

RT: 5.56 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

Acq: 6 May 2021 18:30

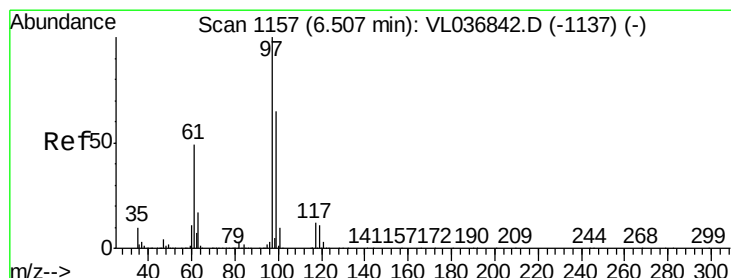
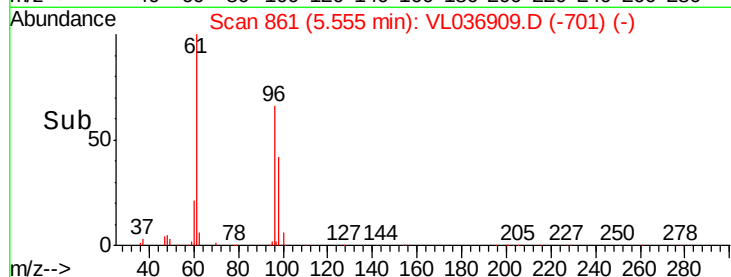
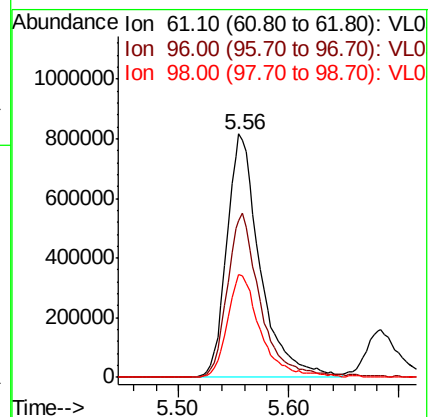
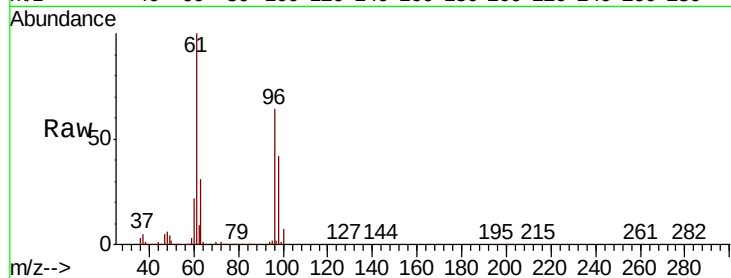
Tot Ion: 61 Resp: 1696092

Ion Ratio Lower Upper

61 100

96 64.1 51.0 76.6

98 42.0 32.7 49.1



#32

1,1,1-Trichloroethane

Concen: 11.118 ppbv

RT: 6.52 min Scan# 1161

Delta R.T. 0.01 min

Lab File: VL036909.D

Acq: 6 May 2021 18:36

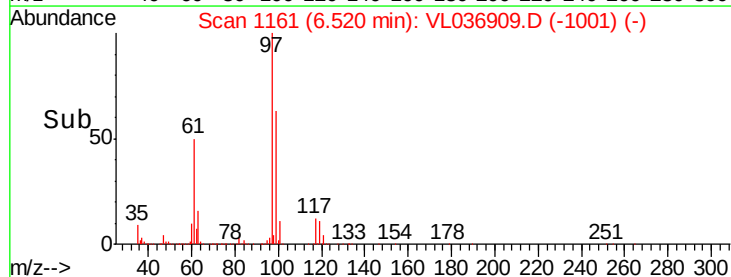
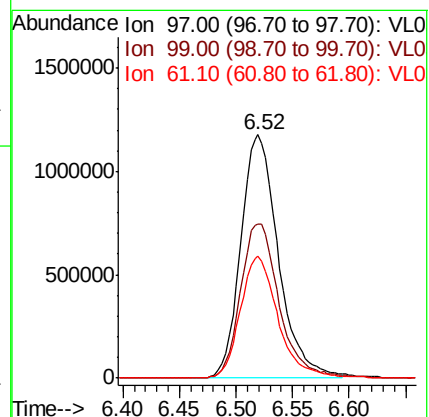
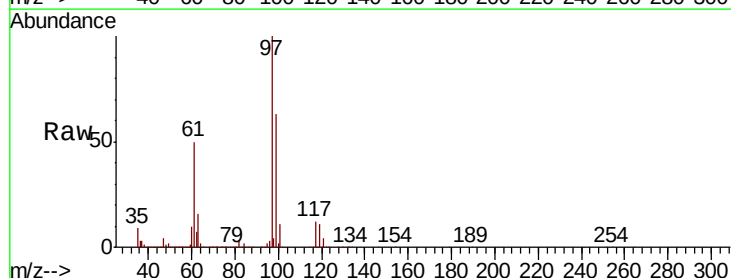
Tgt Ion: 97 Resp: 2721988

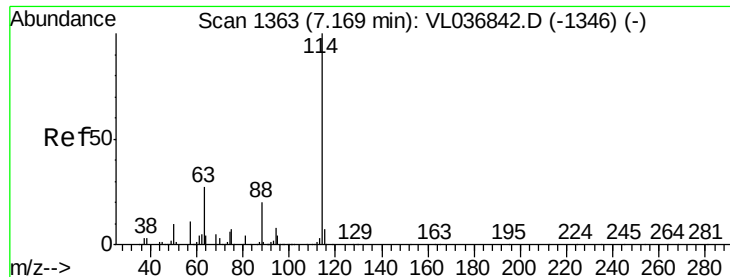
Ion Ratio Lower Upper

97 100

99 65.6 51.8 77.6

61 50.2 40.8 61.2

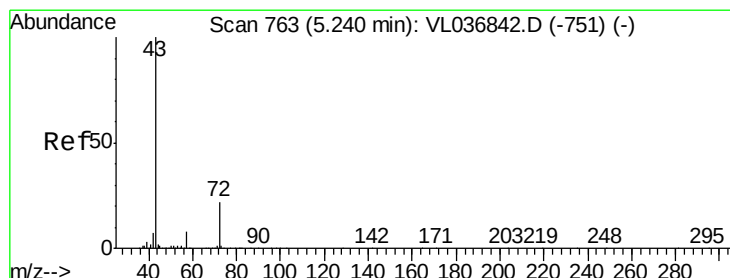
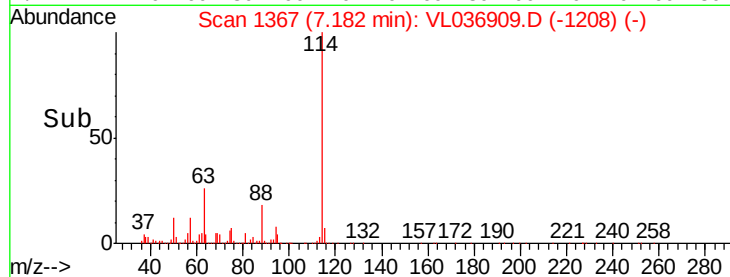
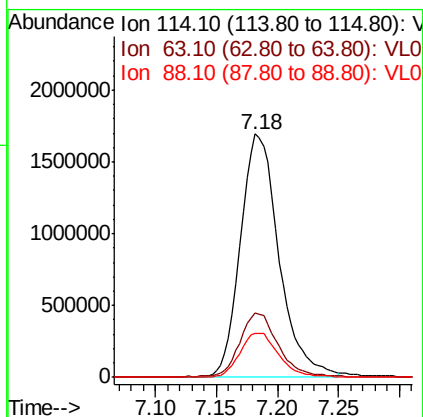
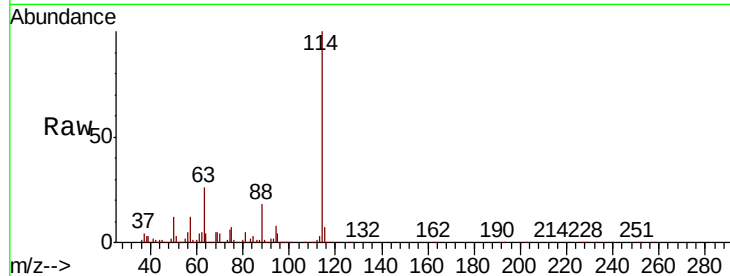




#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.18
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId : VL0506ABS01
 Acq: 6 May 2021 18:30

Tot Ion:114 Resp: 3699084

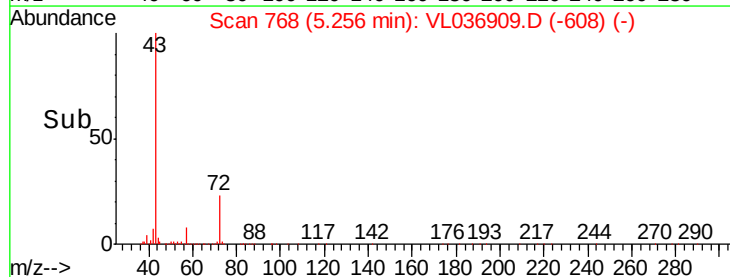
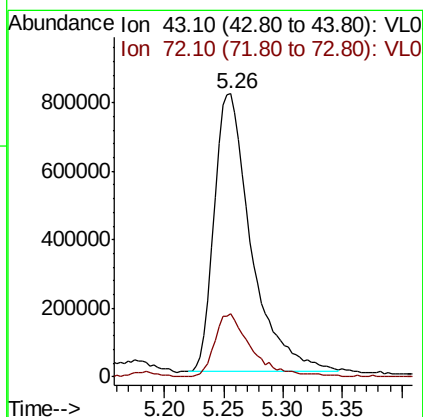
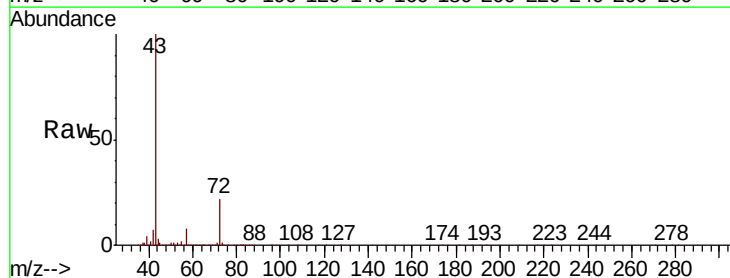
Ion	Ratio	Lower	Upper
114	100		
63	26.9	21.9	32.9
88	18.5	15.1	22.7

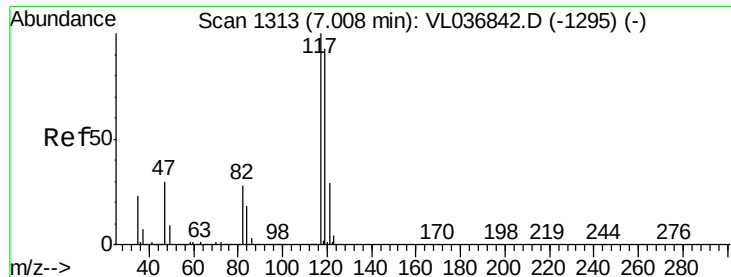


#34
 2-Butanone
 Concen: 10.823 ppbv
 RT: 5.26 min Scan# 768
 Delta R.T.: 0.02 min
 Lab File: VL036909.D
 Acq: 6 May 2021 18:36

Tgt Ion: 43 Resp: 1753744

Ion	Ratio	Lower	Upper
43	100		
72	22.1	17.6	26.4





#35

Carbon Tetrachloride

Concen: 11.317 ppbv

RT: 7.02

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 6 May 2021 18:30

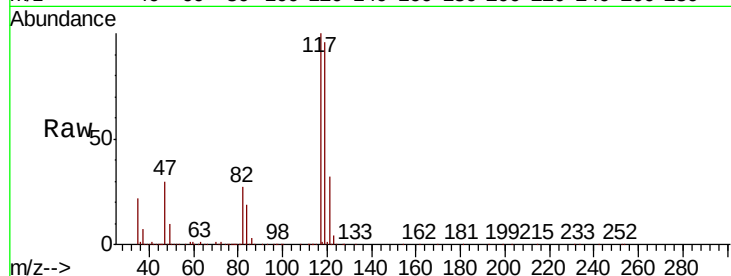
Tot Ion:117 Resp: 2840603

Ion Ratio Lower Upper

117 100

119 96.0 74.6 111.8

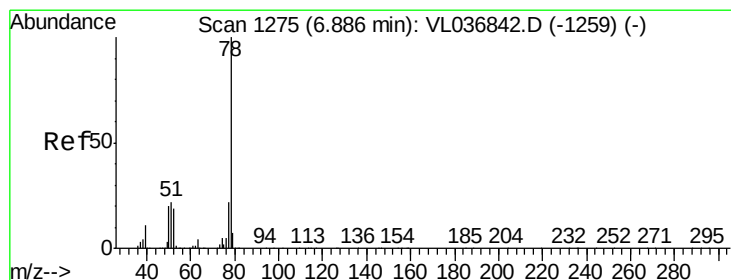
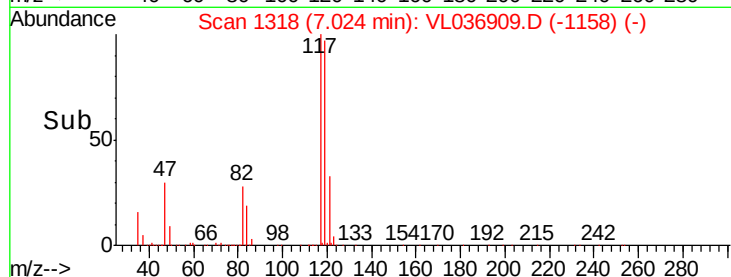
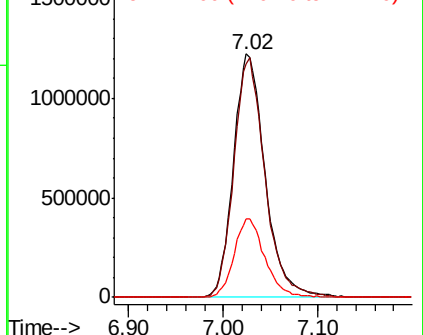
121 32.3 23.3 34.9



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: 11.481 ppbv

RT: 6.90 min Scan# 1280

Delta R.T. 0.02 min

Lab File: VL036909.D

Acq: 6 May 2021 18:36

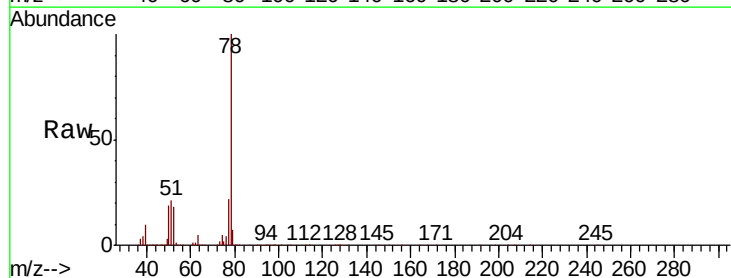
Tgt Ion: 78 Resp: 3578198

Ion Ratio Lower Upper

78 100

77 22.1 17.6 26.4

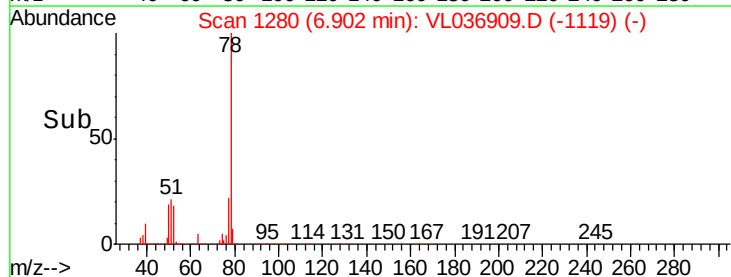
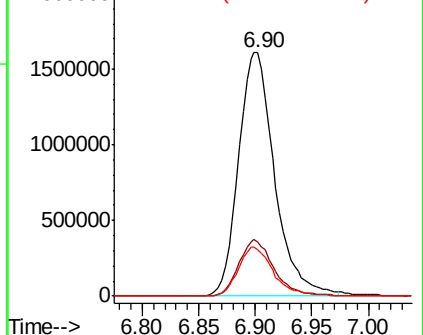
50 18.9 16.3 24.5

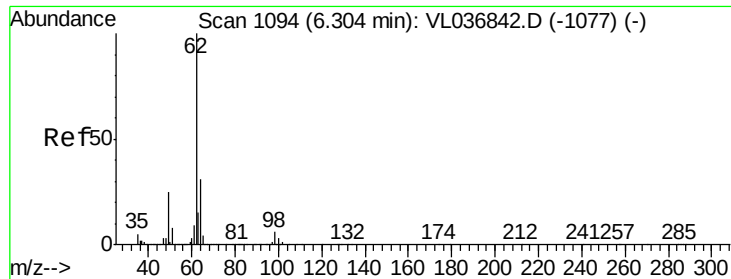


Abundance Ion 78.10 (77.80 to 78.80): VL0

Ion 77.10 (76.80 to 77.80): VL0

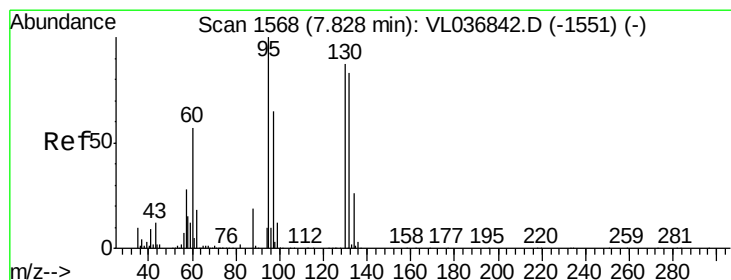
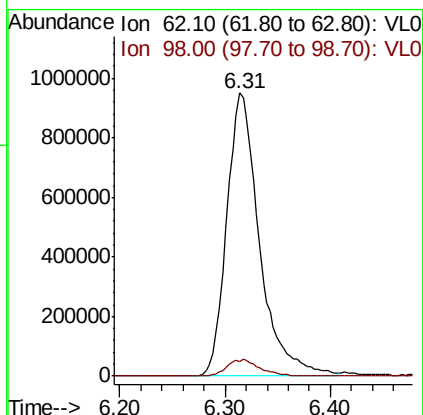
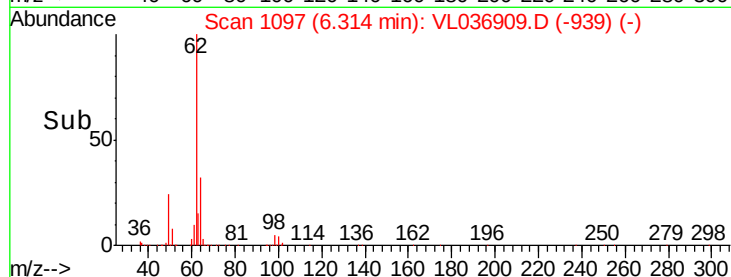
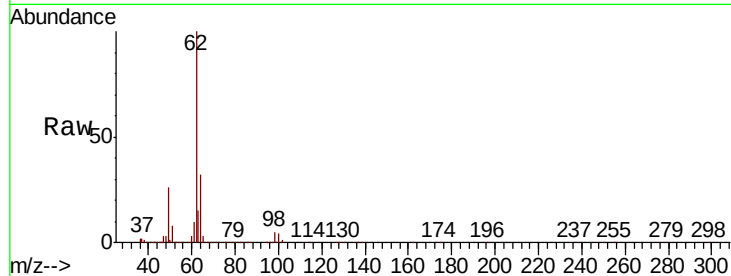
Ion 50.10 (49.80 to 50.80): VL0





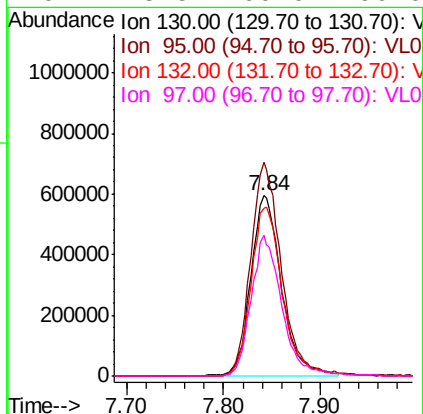
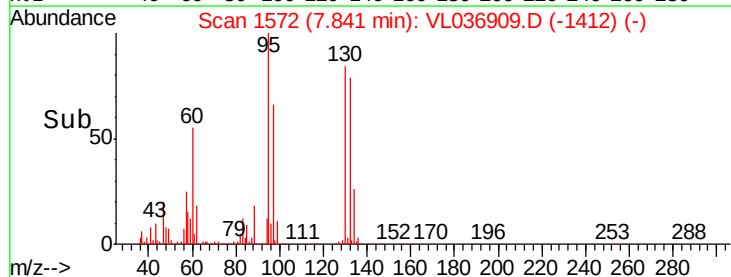
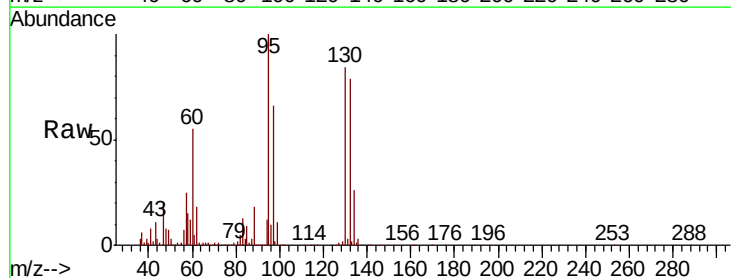
#37
 1,2-Dichloroethane
 Concen: 11.578 ppbv
 RT: 6.31
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VL0506ABS01
 Acq: 6 May 2021 18:30

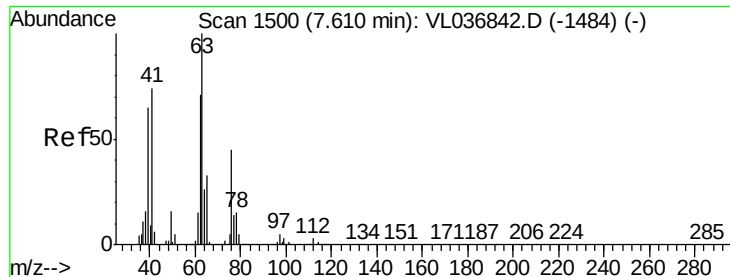
Tot Ion: 62 Resp: 2043386
 Ion Ratio Lower Upper
 62 100
 98 6.1 4.8 7.2



#38
 Trichloroethene
 Concen: 11.780 ppbv
 RT: 7.84 min Scan# 1572
 Delta R.T. 0.01 min
 Lab File: VL036909.D
 Acq: 6 May 2021 18:36

Tgt Ion: 130 Resp: 1307199
 Ion Ratio Lower Upper
 130 100
 95 118.4 92.3 138.5
 132 93.3 76.8 115.2
 97 78.5 60.0 90.0





#39

1,2-Dichloropropane

Concen: 11.270 ppbv

RT: 7.62 Instrument: MSVOA_1

Delta R.T.

Lab File: ClientSampleId:

VL0506ABS01

Acq: 6 May 2021 18:30

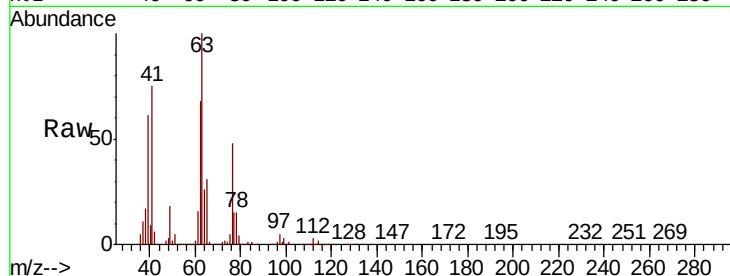
Tot Ion: 63 Resp: 1407176

Ion Ratio Lower Upper

63 100

41 74.4 59.1 88.7

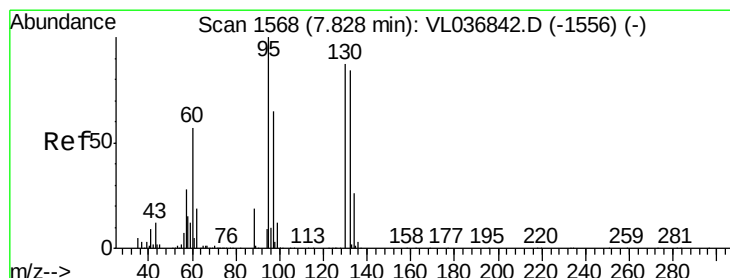
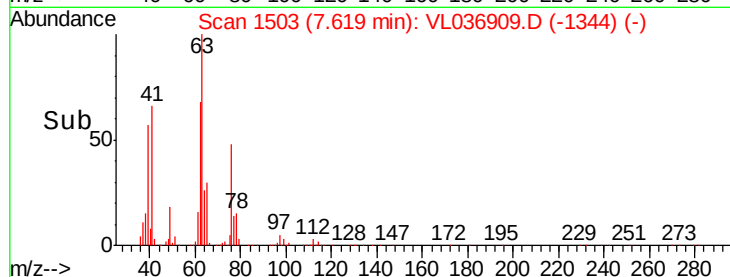
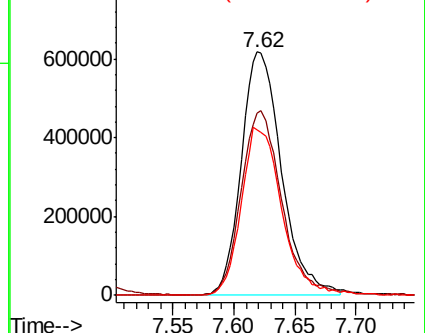
62 67.8 56.9 85.3



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: 4.558 ppbv

RT: 7.84 min Scan# 1572

Delta R.T. 0.01 min

Lab File: VL036909.D

Acq: 6 May 2021 18:36

Tgt Ion: 88 Resp: 137426

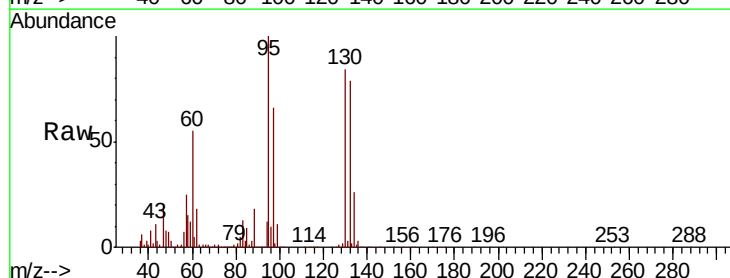
Ion Ratio Lower Upper

88 100

58 0.0 132.6 198.8#

43 0.0 331.5 497.3#

57 0.0 1457.4 2186.0#

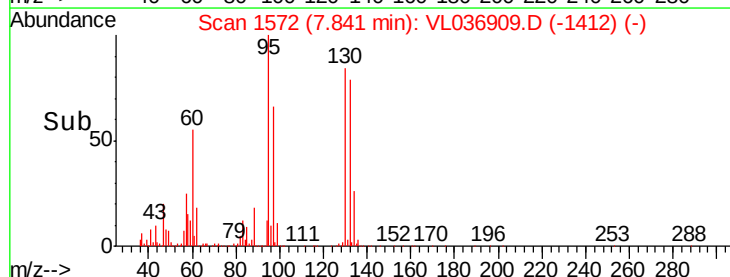
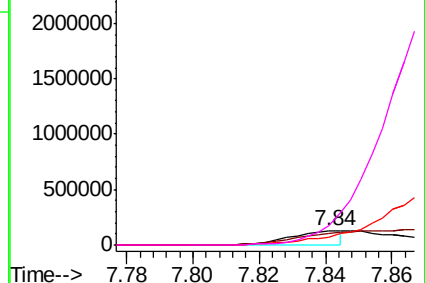


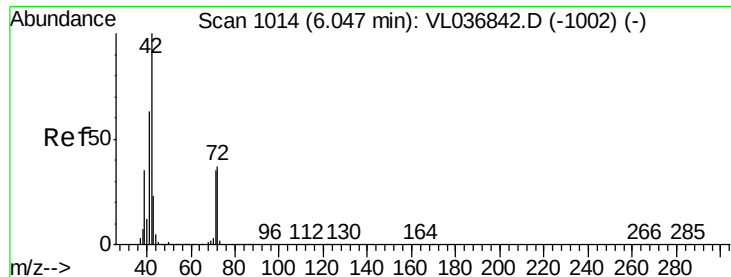
Abundance Ion 88.10 (87.80 to 88.80): VL0

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: 12.381 ppbv

RT: 6.06 Instrument: MSVOA_1

Delta R.T.

Lab File: ClientSampleId:

Acq: 6 May 2021 18:30

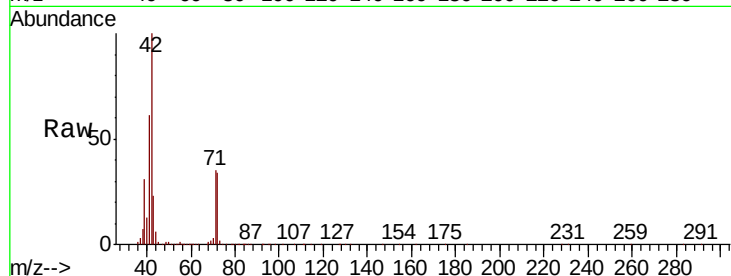
Tot Ion: 42 Resp: 877593

Ion Ratio Lower Upper

42 100

72 37.6 29.7 44.5

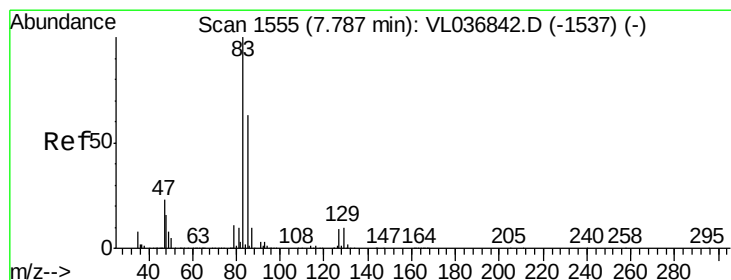
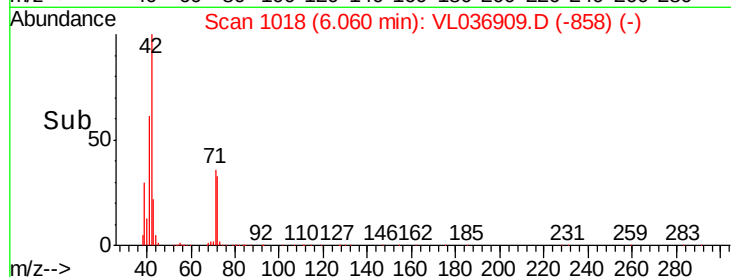
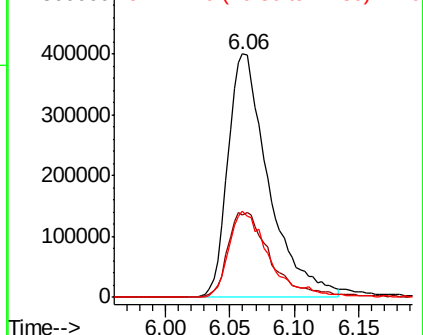
71 36.0 29.0 43.6



Abundance Ion 42.10 (41.80 to 42.80): VL0

Ion 72.10 (71.80 to 72.80): VL0

Ion 71.10 (70.80 to 71.80): VL0



#42

Bromodichloromethane

Concen: 11.683 ppbv

RT: 7.80 min Scan# 1560

Delta R.T. 0.02 min

Lab File: VL036909.D

Acq: 6 May 2021 18:36

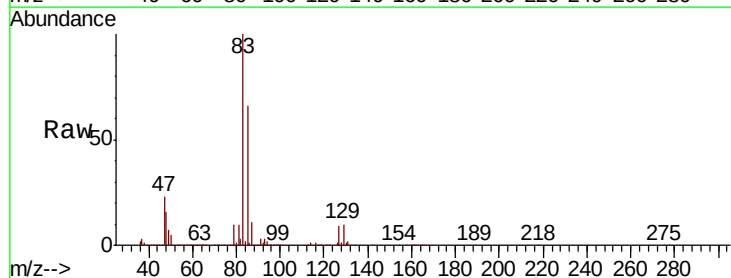
Tgt Ion: 83 Resp: 2864903

Ion Ratio Lower Upper

83 100

85 65.8 50.4 75.6

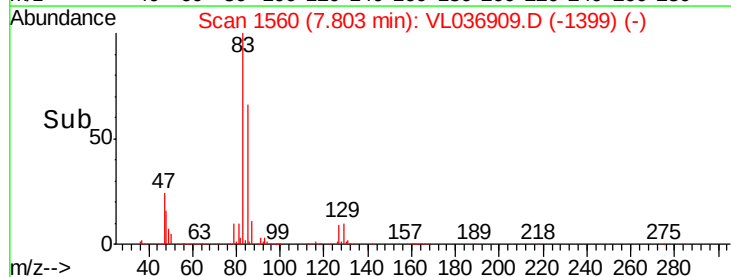
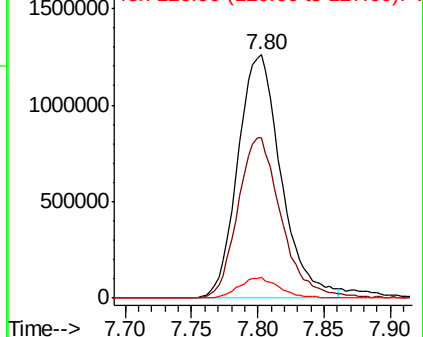
127 8.7 6.9 10.3

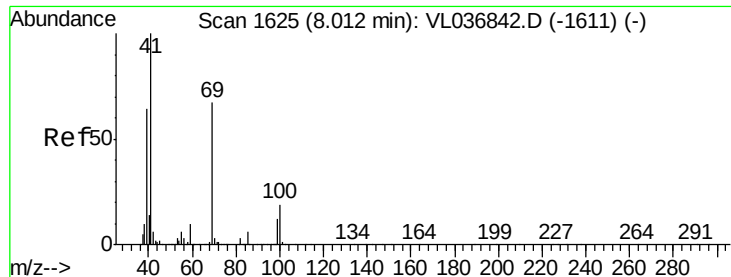


Abundance Ion 83.00 (82.70 to 83.70): VL0

Ion 85.00 (84.70 to 85.70): VL0

Ion 126.90 (126.60 to 127.60): V





#43

Methyl Methacrylate

Concen: 12.676 ppbv

RT: 8.02

Instrument: MSVOA_1

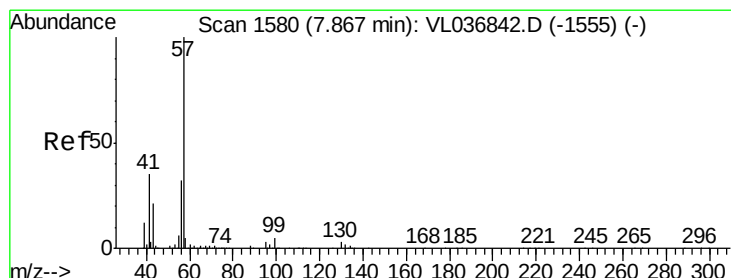
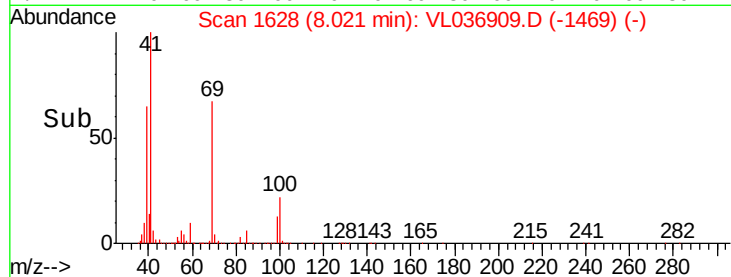
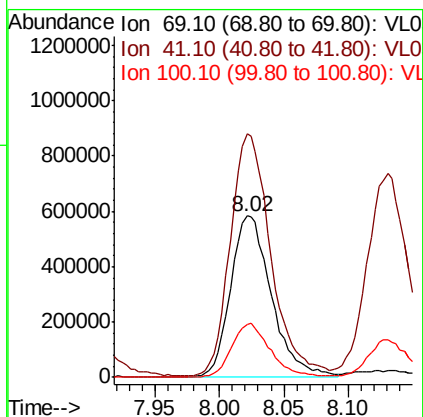
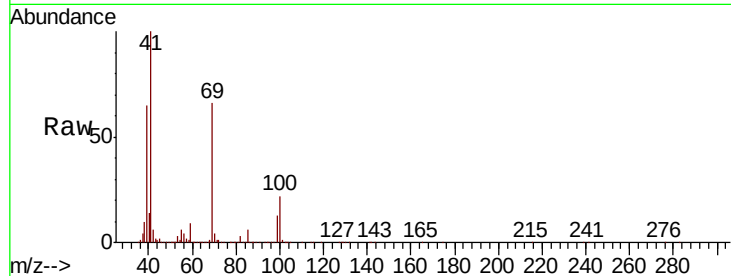
Delta R.T. ClientSampleId:

Lab File: VL0506ABS01

Acq: 6 May 2021 18:36

Tot Ion: 69 Resp: 1289127

Ion	Ratio	Lower	Upper
69	100		
41	149.9	124.2	186.4
100	31.7	25.5	38.3



#44

2,2,4-Trimethylpentane

Concen: 11.172 ppbv

RT: 7.88 min Scan# 1583

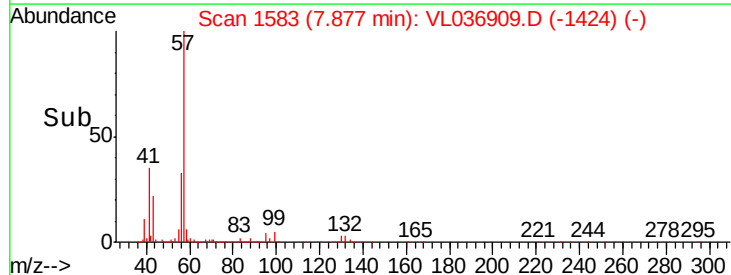
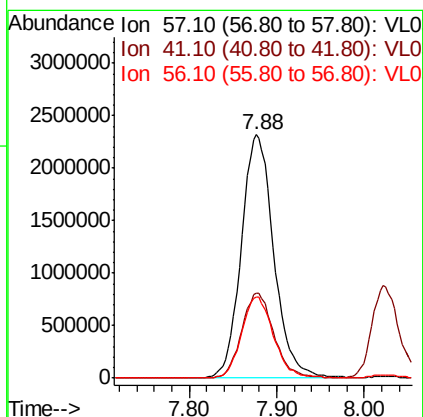
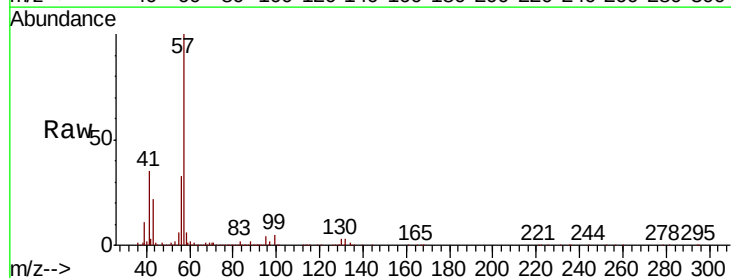
Delta R.T. 0.01 min

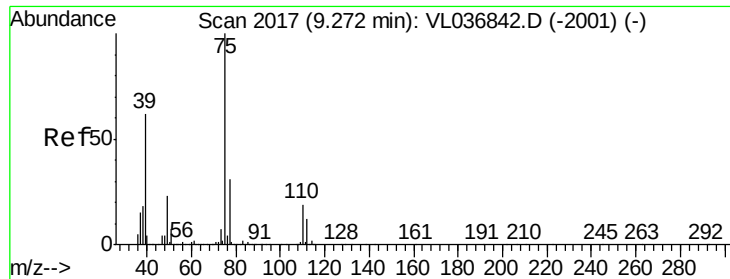
Lab File: VL036909.D

Acq: 6 May 2021 18:36

Tgt Ion: 57 Resp: 5967293

Ion	Ratio	Lower	Upper
57	100		
41	34.8	28.2	42.4
56	32.8	25.9	38.9





#45

t-1,3-Dichloropropene

Concen: 12.994 ppbv

RT: 9.29 Instrument: MSVOA_1

Delta R.T.

Lab File: ClientSampleId: VL0506ABS01

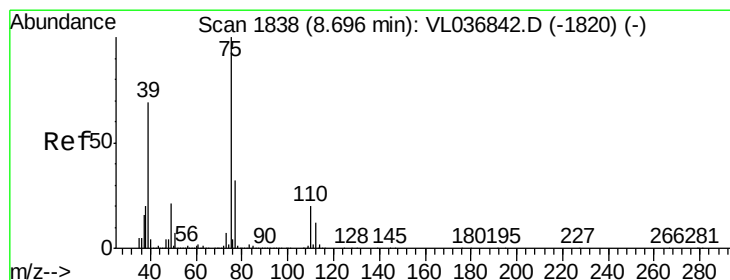
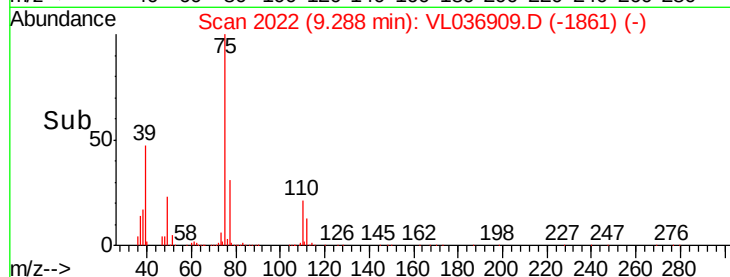
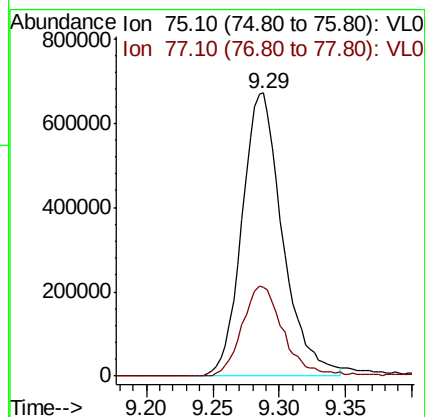
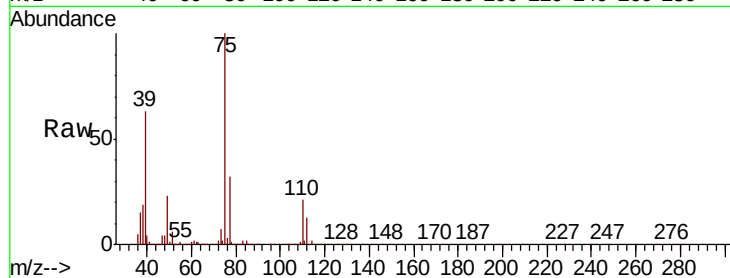
Acq: 6 May 2021 18:30

Tot Ion: 75 Resp: 1424536

Ion Ratio Lower Upper

75 100

77 31.6 24.6 37.0



#46

cis-1,3-Dichloropropene

Concen: 13.023 ppbv

RT: 8.71 min Scan# 1842

Delta R.T. 0.01 min

Lab File: VL036909.D

Acq: 6 May 2021 18:36

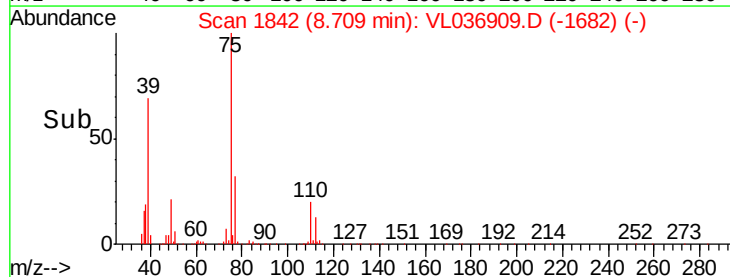
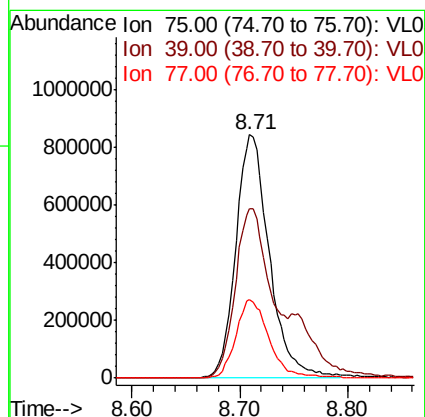
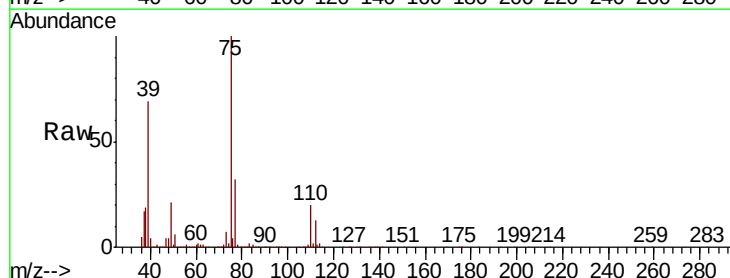
Tgt Ion: 75 Resp: 1830500

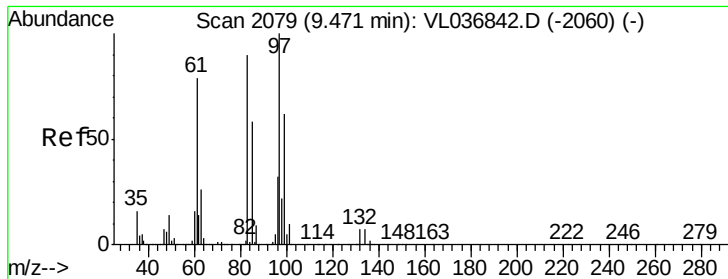
Ion Ratio Lower Upper

75 100

39 69.3 55.4 83.0

77 32.3 25.2 37.8





#47

1,1,2-Trichloroethane

Concen: 11.143 ppbv

RT: 9.48 Instrument:

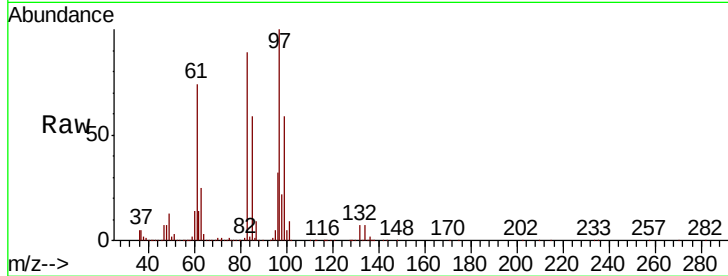
Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 6 May 2021 18:36 VL0506ABS01

Tot Ion: 97 Resp: 1440460

Ion	Ratio	Lower	Upper
97	100		
83	88.8	71.9	107.9
85	58.7	46.5	69.7
99	59.4	49.8	74.8



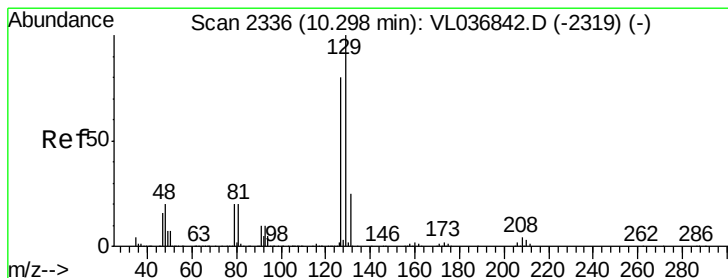
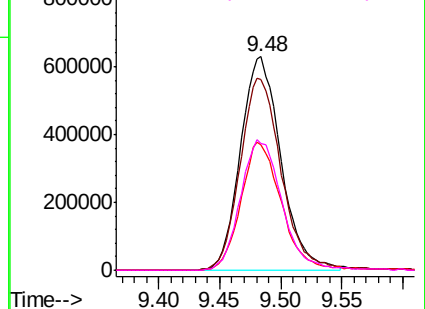
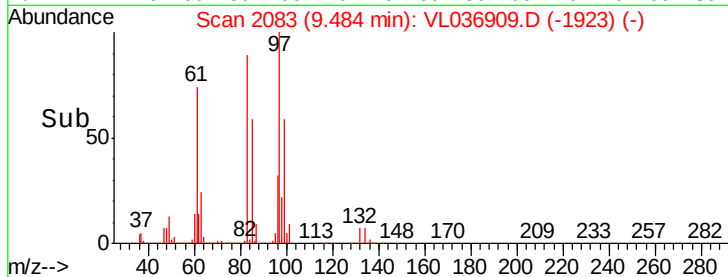
Abundance

Ion 97.00 (96.70 to 97.70): VL0

Ion 83.00 (82.70 to 83.70): VL0

Ion 85.00 (84.70 to 85.70): VL0

Ion 99.00 (98.70 to 99.70): VL0



#48

Dibromochloromethane

Concen: 12.458 ppbv

RT: 10.31 min Scan# 2341

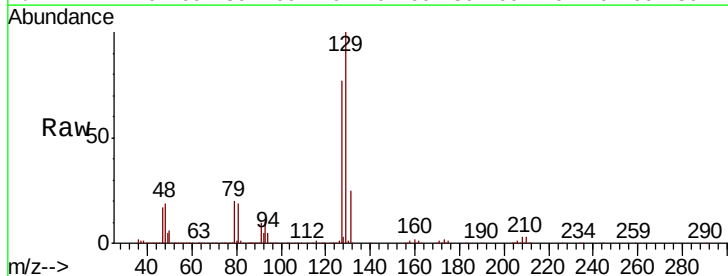
Delta R.T. 0.02 min

Lab File: VL036909.D

Acq: 6 May 2021 18:36

Tgt Ion: 129 Resp: 2386417

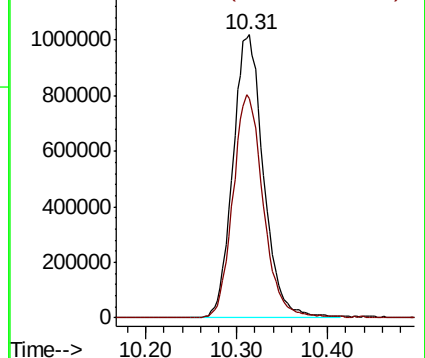
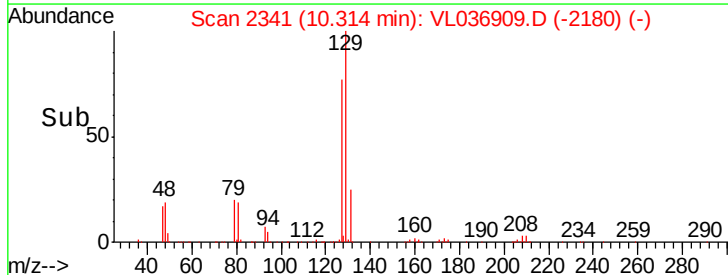
Ion	Ratio	Lower	Upper
129	100		
127	79.0	40.2	120.5

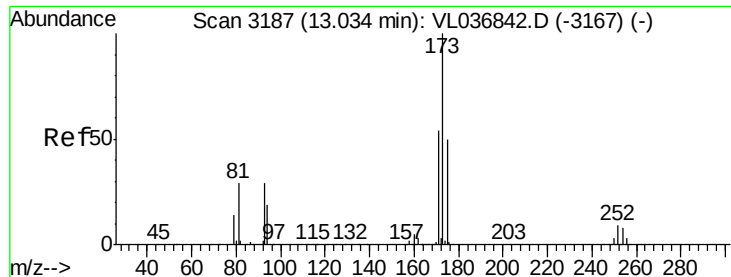


Abundance

Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V





#49

Bromoform

Concen: 12.399 ppbv

RT: 13.05

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 6 May 2021 18:30

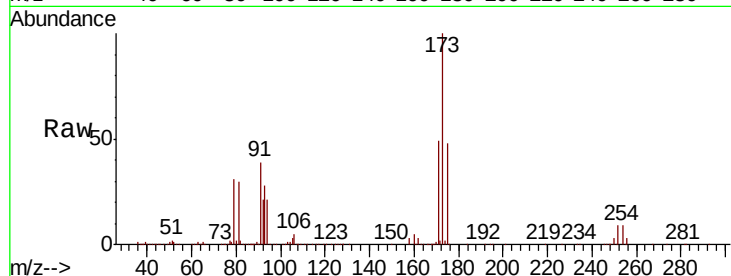
Tot Ion:173 Resp: 1896025

Ion Ratio Lower Upper

173 100

175 50.9 39.6 59.4

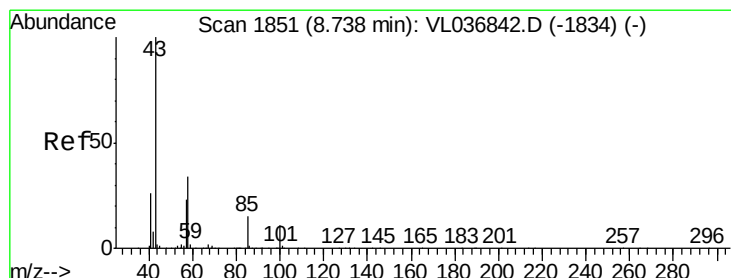
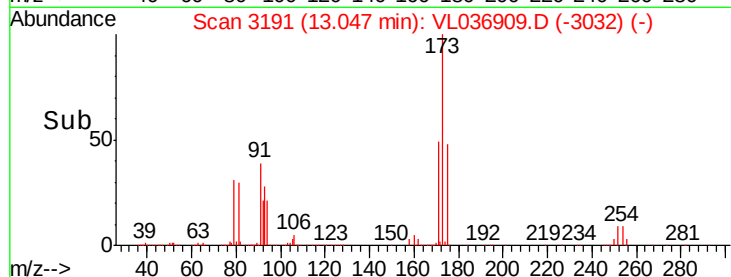
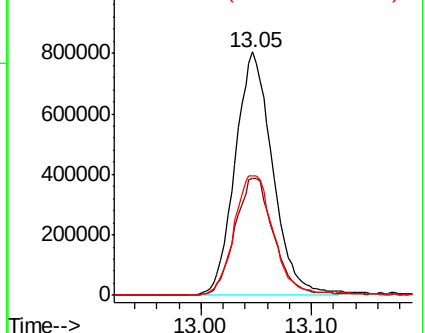
171 52.5 42.2 63.4



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: 11.822 ppbv

RT: 8.75 min Scan# 1856

Delta R.T. 0.02 min

Lab File: VL036909.D

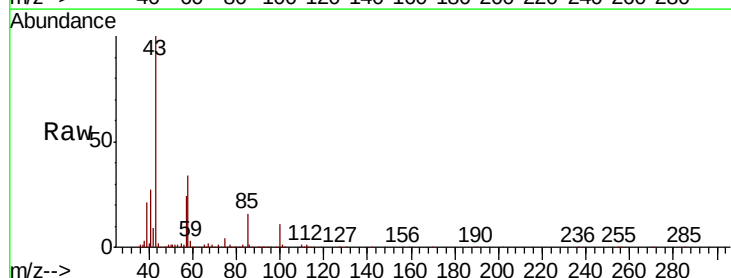
Acq: 6 May 2021 18:36

Tgt Ion: 43 Resp: 2618500

Ion Ratio Lower Upper

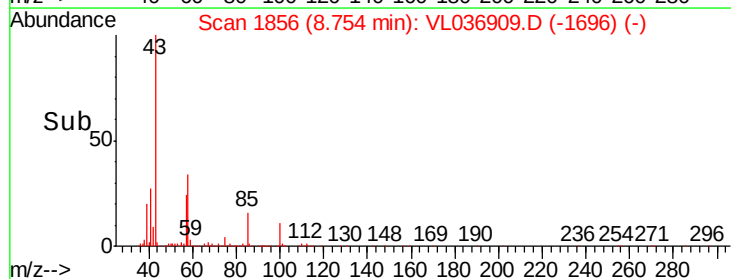
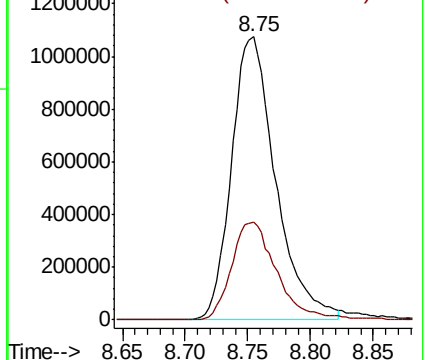
43 100

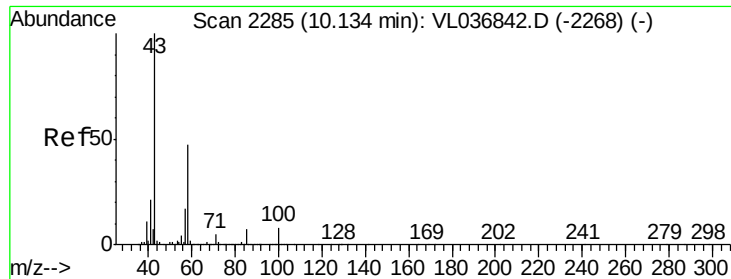
58 36.0 27.8 41.8



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0





#51

2-Hexanone

Concen: 12.363 ppbv

RT: 10.15

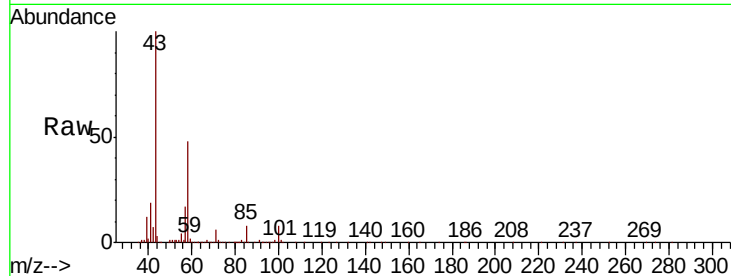
Delta R.T. MSVOA_L

Lab File: ClientSampleId :

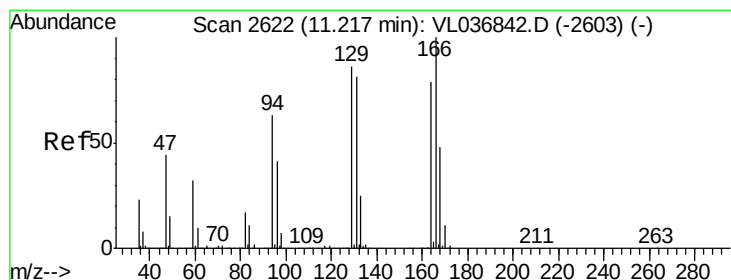
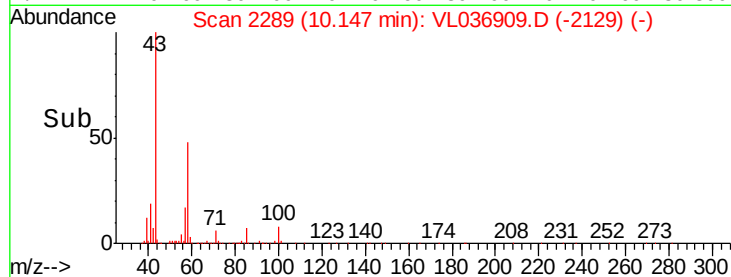
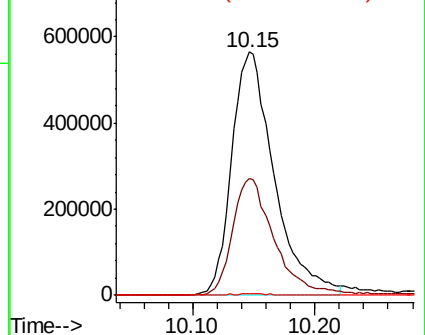
Acq: 6 May 2021 18:30

Tot Ion: 43 Resp: 1365782

Ion	Ratio	Lower	Upper
43	100		
58	48.8	37.0	55.6
98	1.0	0.2	0.4#



Abundance Ion 43.10 (42.80 to 43.80): VL0
Ion 58.10 (57.80 to 58.80): VL0
Ion 98.20 (97.90 to 98.90): VL0



#52

Tetrachloroethene

Concen: 11.252 ppbv

RT: 11.23 min Scan# 2625

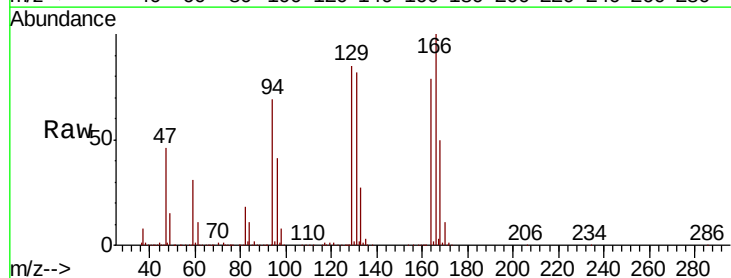
Delta R.T. 0.01 min

Lab File: VL036909.D

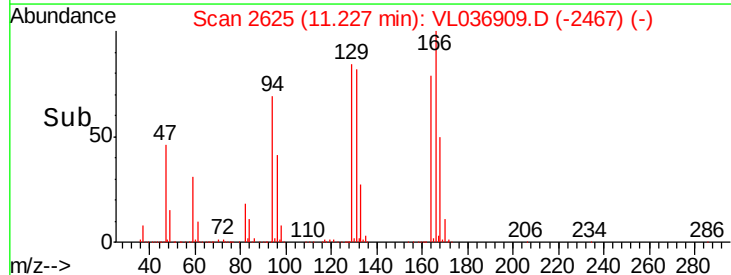
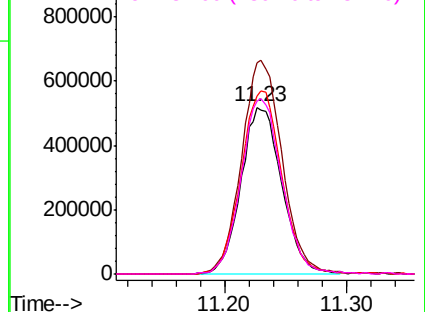
Acq: 6 May 2021 18:36

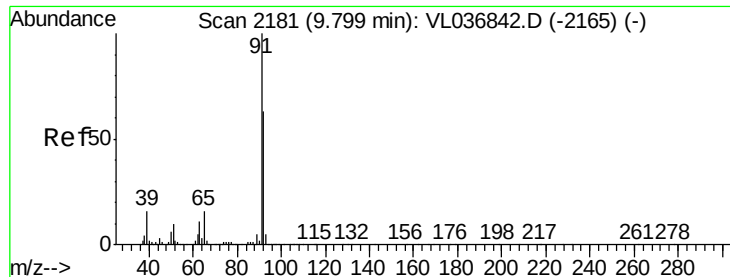
Tgt Ion: 164 Resp: 1194188

Ion	Ratio	Lower	Upper
164	100		
166	126.4	100.9	151.3
129	106.8	87.0	130.4
131	103.9	81.7	122.5



Abundance Ion 163.90 (163.60 to 164.60): V
Ion 165.90 (165.60 to 166.60): V
Ion 129.00 (128.70 to 129.70): V
Ion 131.00 (130.70 to 131.70): V





#53

Toluene

Concen: 12.220 ppbv

RT: 9.81 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

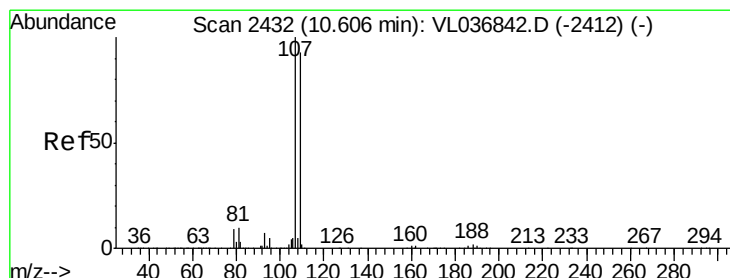
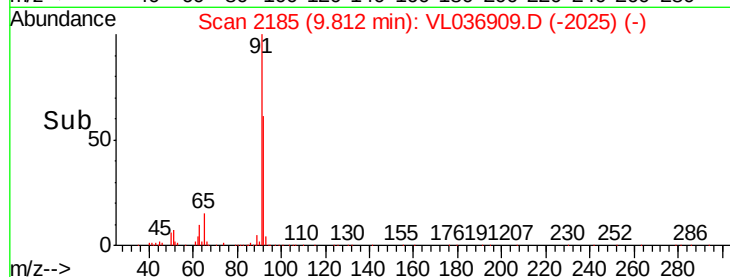
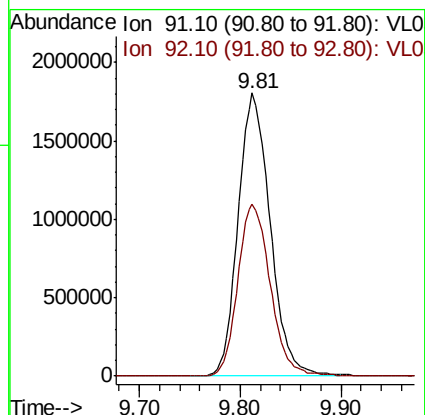
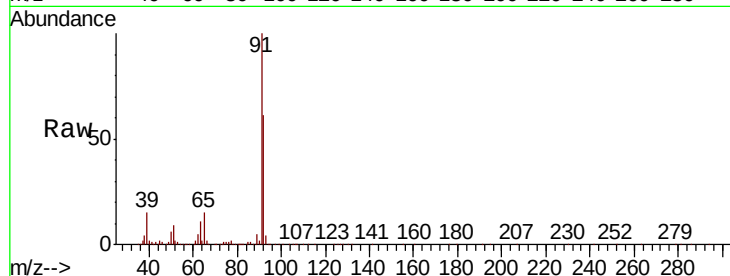
Acq: 6 May 2021 18:30 VL0506ABS01

Tot Ion: 91 Resp: 3985330

Ion Ratio Lower Upper

91 100

92 61.5 49.0 73.4



#54

1,2-Dibromoethane

Concen: 11.303 ppbv

RT: 10.62 min Scan# 2435

Delta R.T. 0.01 min

Lab File: VL036909.D

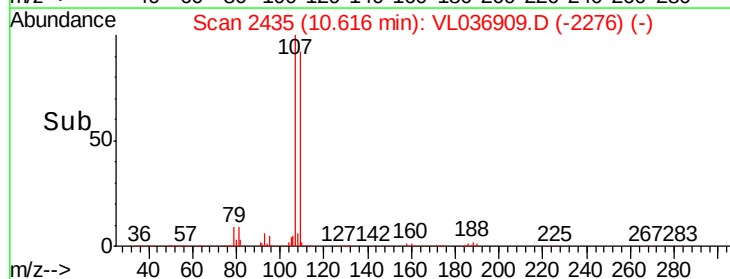
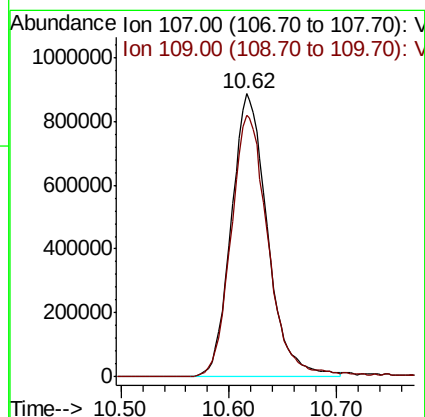
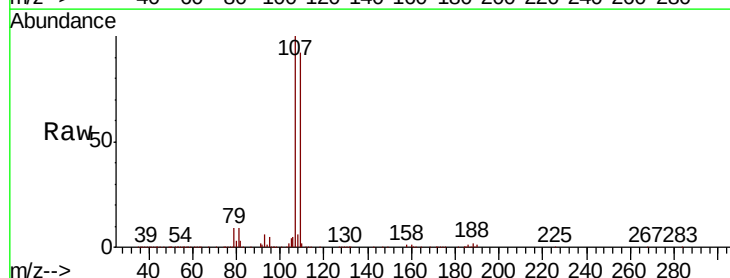
Acq: 6 May 2021 18:36

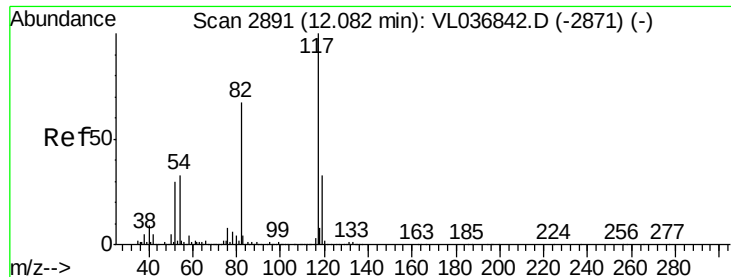
Tgt Ion: 107 Resp: 2062844

Ion Ratio Lower Upper

107 100

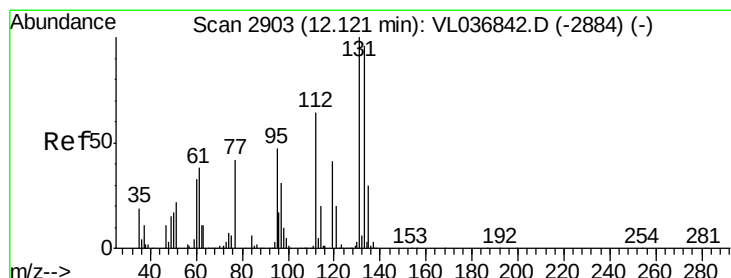
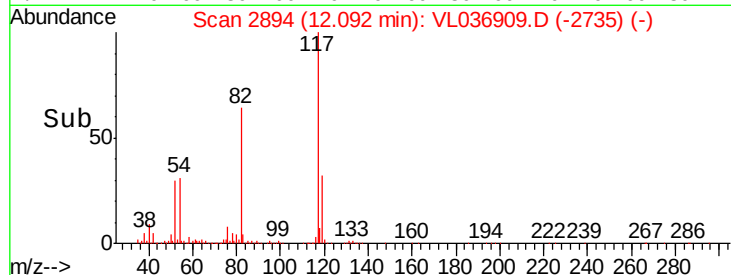
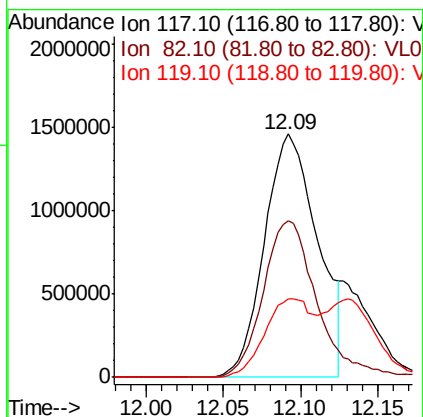
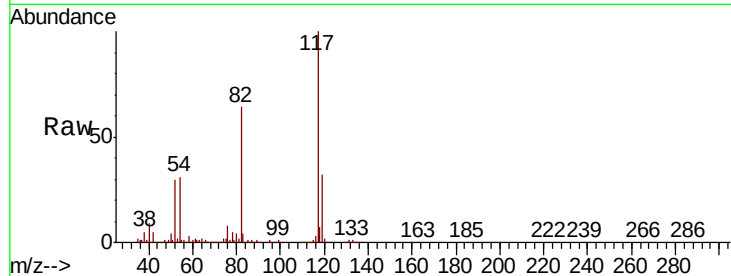
109 92.4 74.7 112.1





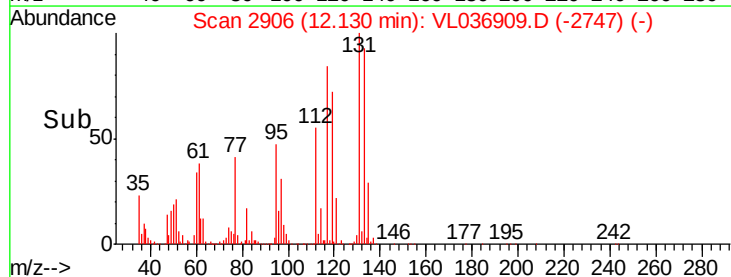
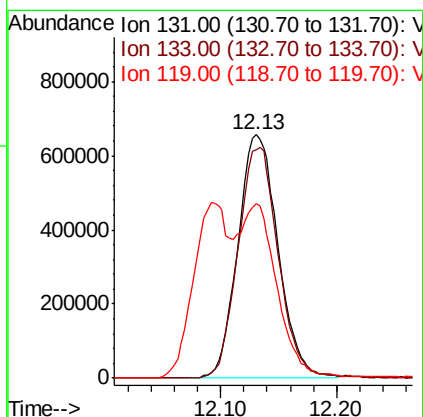
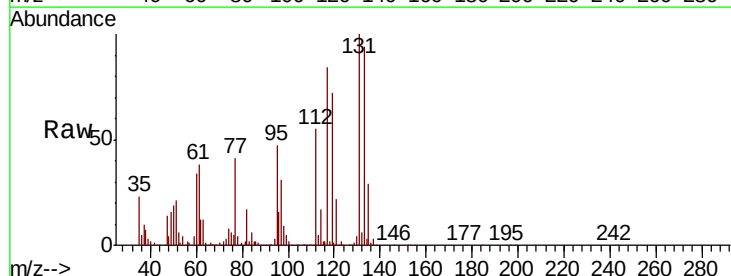
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.09 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId : VL0506ABS01
Acq: 6 May 2021 18:30

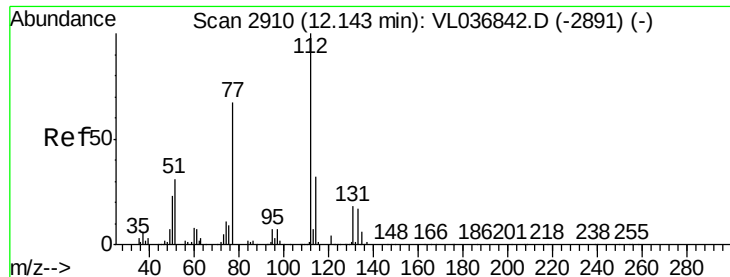
Tot Ion:117 Resp: 3491171
Ion Ratio Lower Upper
117 100
82 66.5 53.5 80.3
119 25.5 25.6 38.4#



#56
1,1,1,2-Tetrachloroethane
Concen: 10.803 ppbv
RT: 12.13 min Scan# 2906
Delta R.T.: 0.01 min
Lab File: VL036909.D
Acq: 6 May 2021 18:36

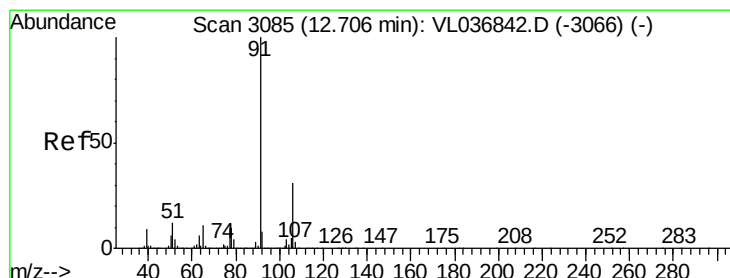
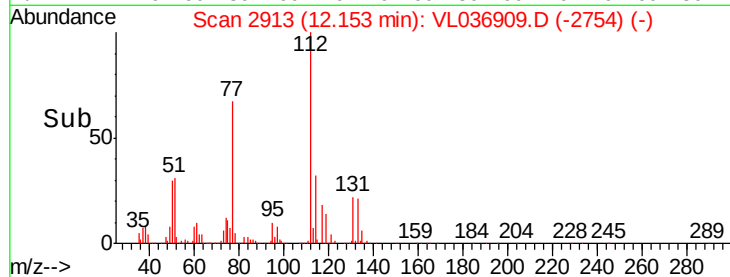
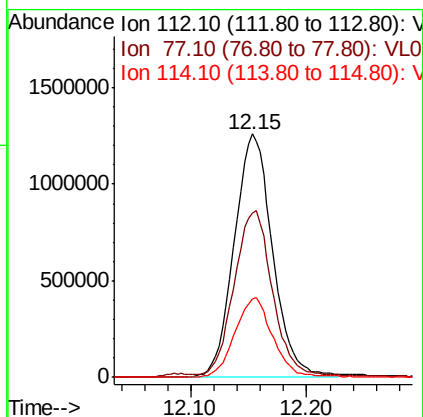
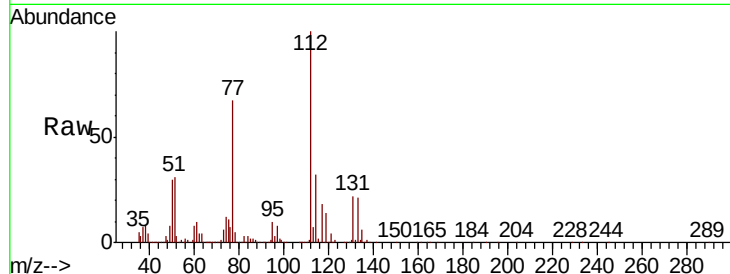
Tgt Ion:131 Resp: 1581169
Ion Ratio Lower Upper
131 100
133 95.5 76.3 114.5
119 66.0 114.9 172.3#





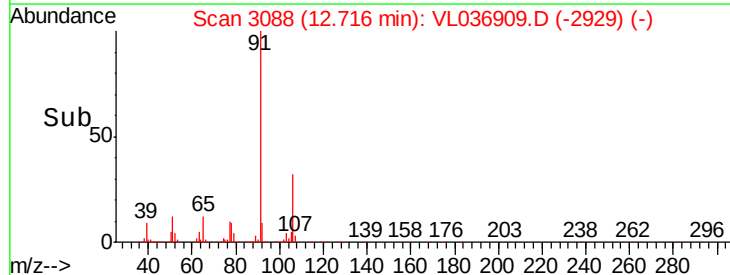
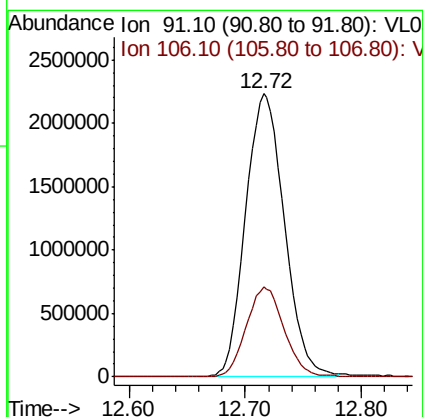
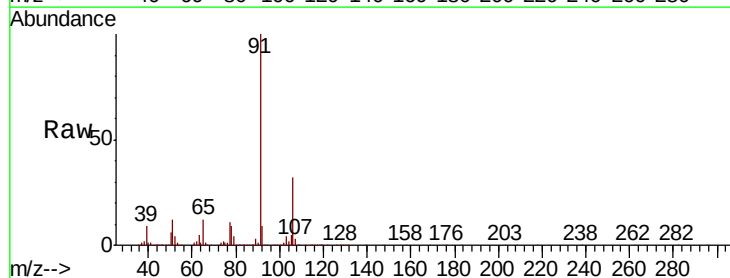
#57
Chlorobenzene
Concen: 10.631 ppbv
RT: 12.15
Instrument: MSVOA_L
Delta R.T.:
Lab File: ClientSampleId : VL0506ABS01
Acq: 6 May 2021 18:30

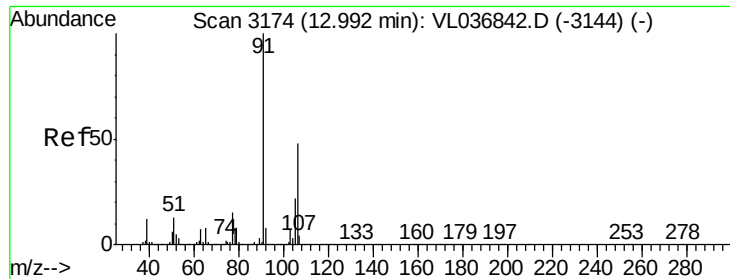
Tot Ion: 112 Resp: 2890725
Ion Ratio Lower Upper
112 100
77 66.2 54.2 81.4
114 32.2 28.5 34.9



#58
Ethyl Benzene
Concen: 11.769 ppbv
RT: 12.72 min Scan# 3088
Delta R.T. 0.01 min
Lab File: VL036909.D
Acq: 6 May 2021 18:36

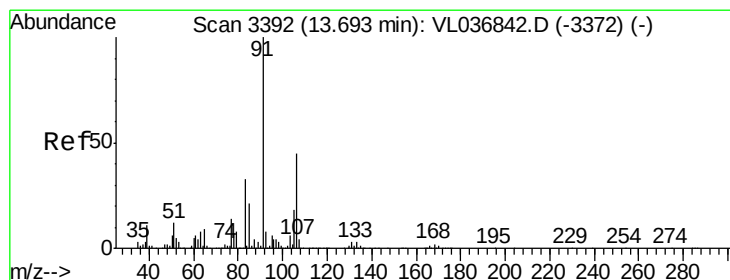
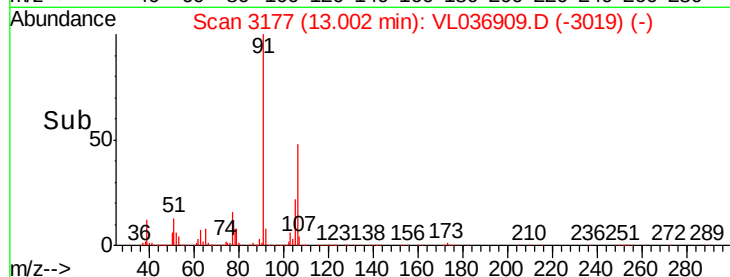
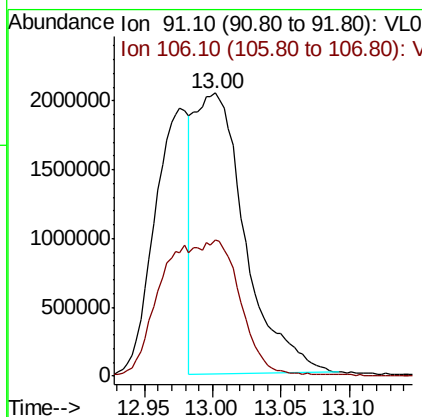
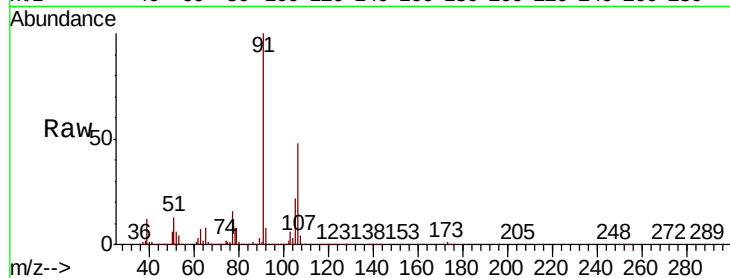
Tgt Ion: 91 Resp: 5211555
Ion Ratio Lower Upper
91 100
106 32.0 25.1 37.7





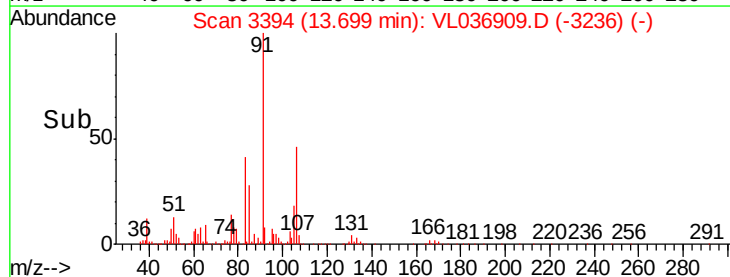
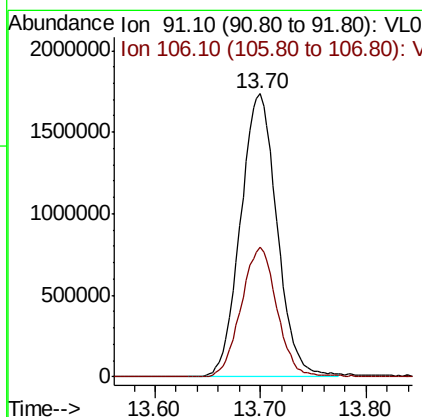
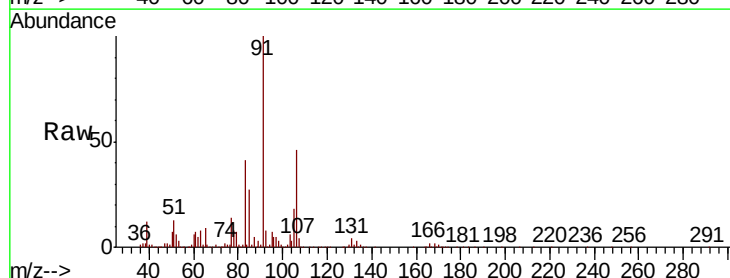
#59
m/p-Xylene
Concen: 13.287 ppbv
RT: 13.00 min
Delta R.T. 0.01 min
Lab File: VL0506ABS01
Acq: 6 May 2021 18:30

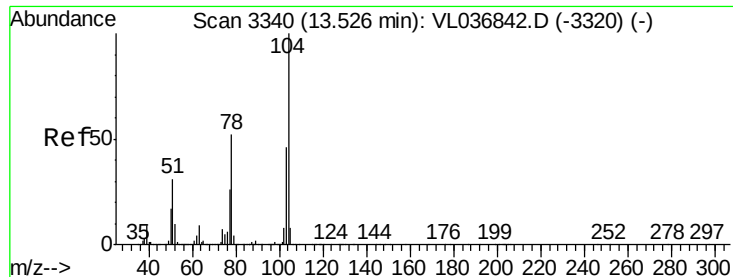
Tot Ion: 91 Resp: 5258614
Ion Ratio Lower Upper
91 100
106 75.3 35.8 53.6#



#60
o-Xylene
Concen: 10.889 ppbv
RT: 13.70 min Scan# 3394
Delta R.T. 0.01 min
Lab File: VL036909.D
Acq: 6 May 2021 18:36

Tgt Ion: 91 Resp: 4167039
Ion Ratio Lower Upper
91 100
106 45.2 22.6 67.7





#61

Stvrene

Concen: 13.359 ppbv

RT: 13.54

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 6 May 2021 18:30

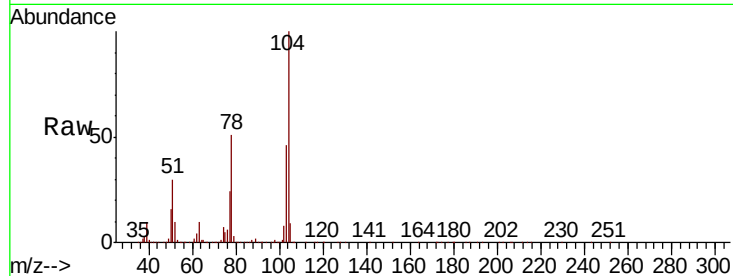
Tot Ion:104 Resp: 2400728

Ion Ratio Lower Upper

104 100

78 53.2 42.6 64.0

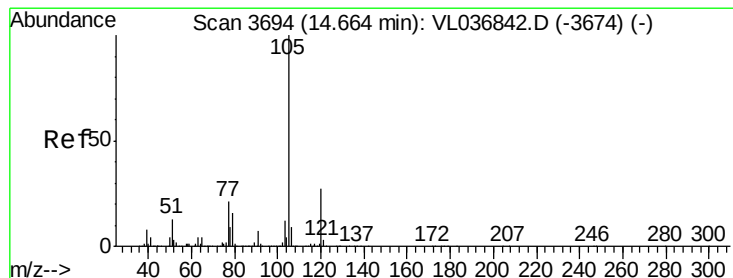
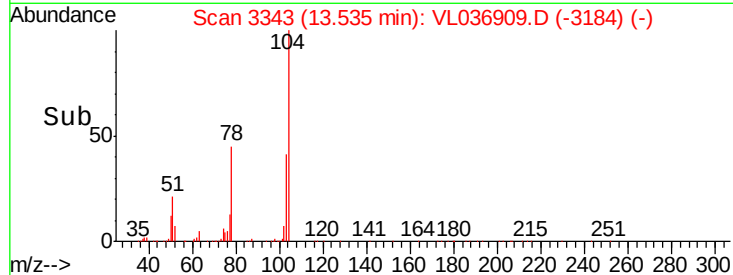
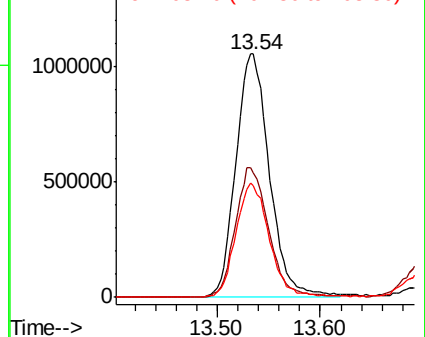
103 47.1 38.1 57.1



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: 10.847 ppbv

RT: 14.67 min Scan# 3697

Delta R.T. 0.01 min

Lab File: VL036909.D

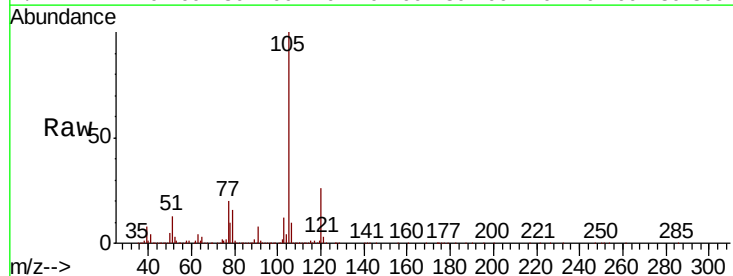
Acq: 6 May 2021 18:36

Tgt Ion:105 Resp: 5647601

Ion Ratio Lower Upper

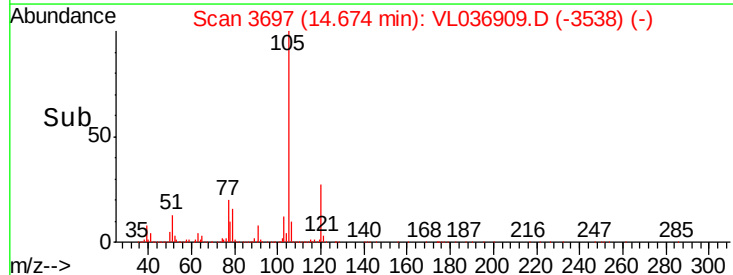
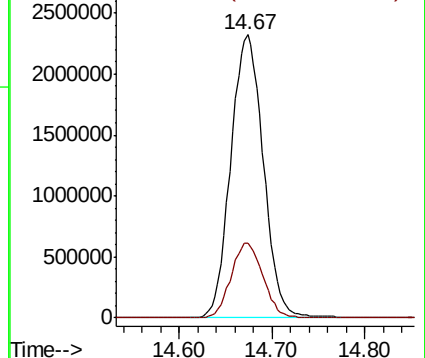
105 100

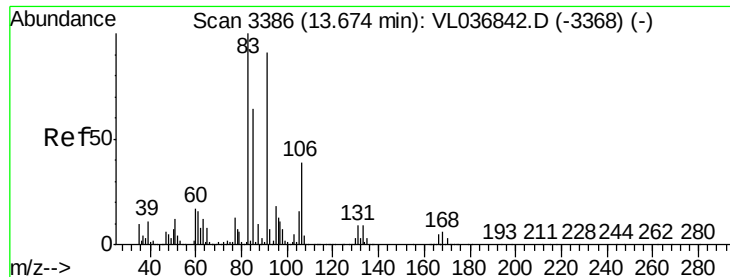
120 26.1 21.1 31.7



Abundance Ion 105.10 (104.80 to 105.80): V

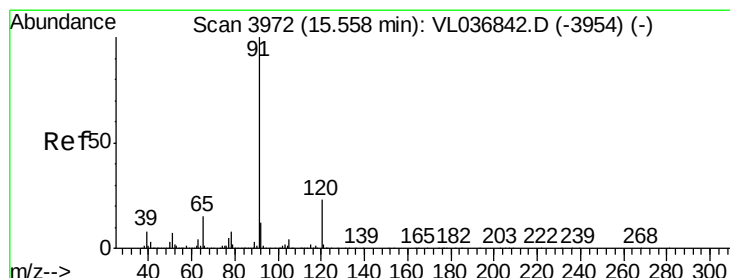
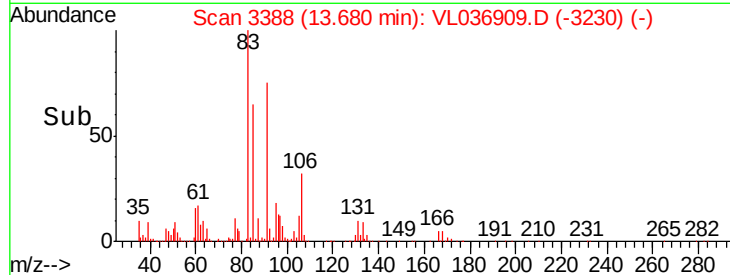
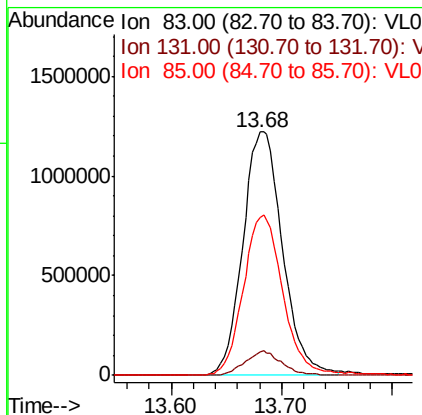
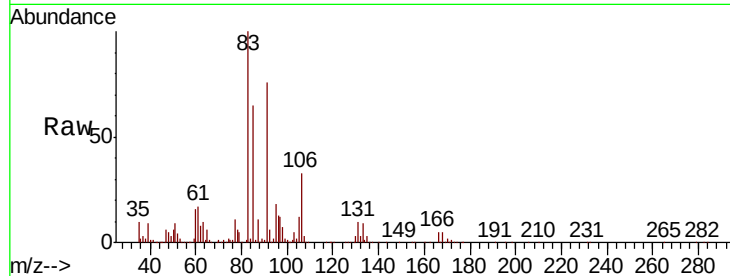
Ion 120.20 (119.90 to 120.90): V





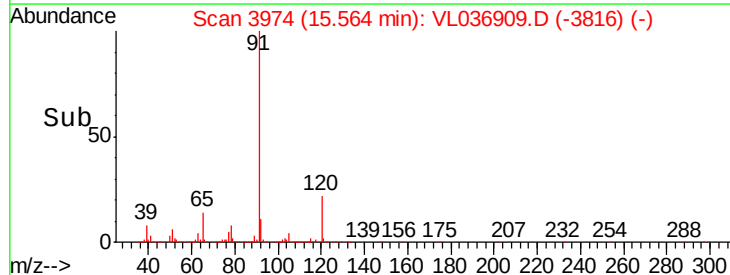
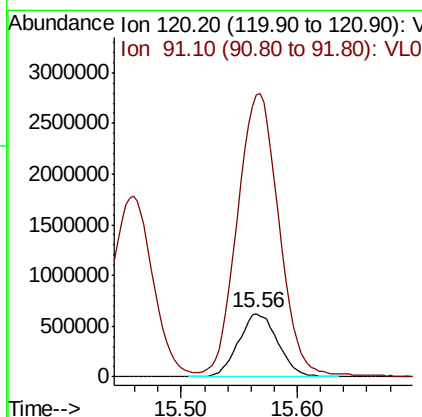
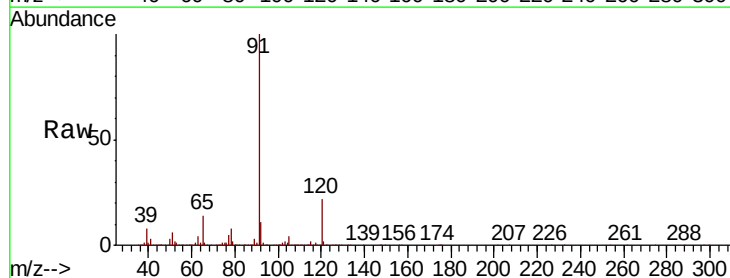
#63
 1,1,2,2-Tetrachloroethane
 Concen: 9.914 ppbv
 RT: 13.68 min
 Instrument: MSVOA_1
 Delta R.T.:
 Client Sample ID:
 Lab File: VL0506ABS01
 Acq: 6 May 2021 18:30

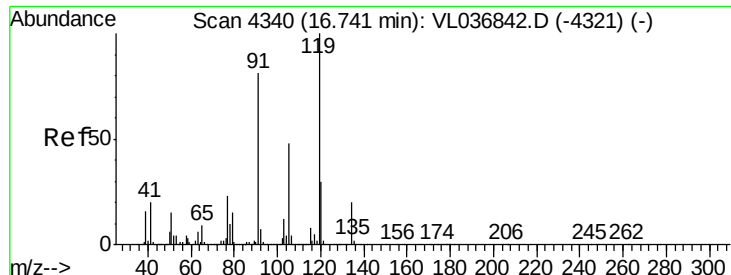
Tot Ion: 83 Resp: 3041252
 Ion Ratio Lower Upper
 83 100
 131 9.4 4.8 14.3
 85 66.2 32.8 98.4



#64
 n-propylbenzene
 Concen: 11.393 ppbv
 RT: 15.56 min Scan# 3974
 Delta R.T.: 0.01 min
 Lab File: VL036909.D
 Acq: 6 May 2021 18:36

Tgt Ion: 120 Resp: 1478279
 Ion Ratio Lower Upper
 120 100
 91 474.0 378.6 567.8

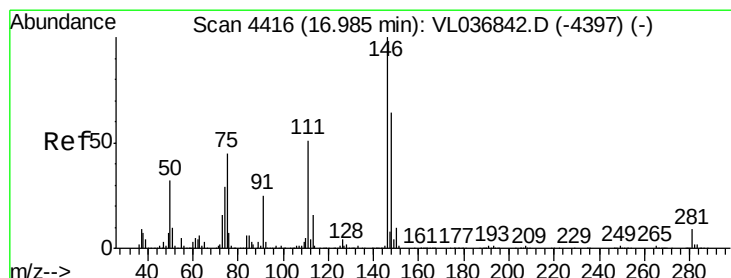
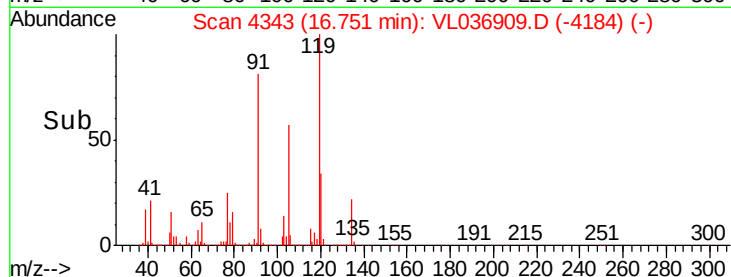
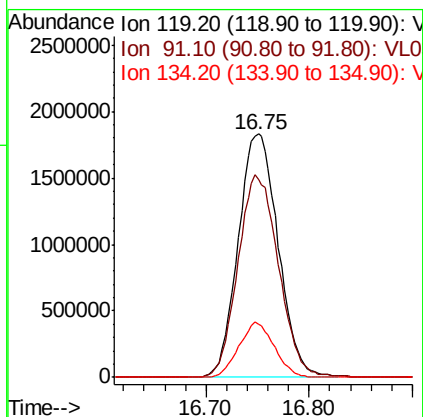
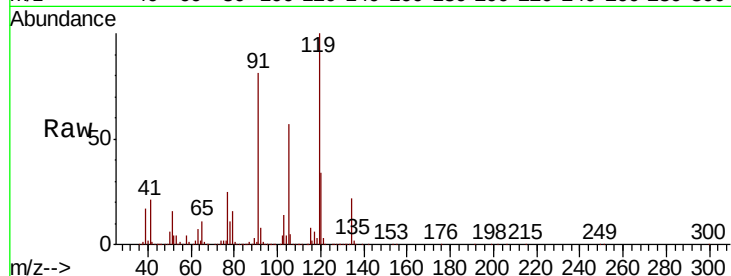




#65
tert-Butylbenzene
Concen: 10.707 ppbv
RT: 16.75 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId : VL0506ABS01
Acq: 6 May 2021 18:30

Tot Ion: 119 Resp: 4928612

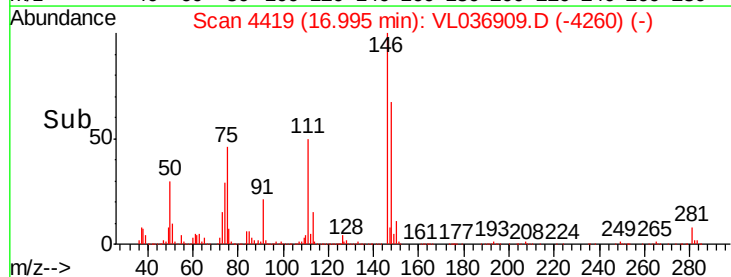
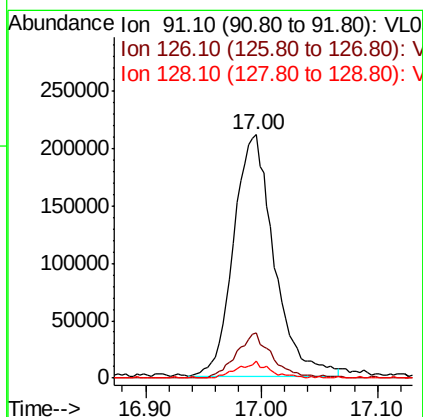
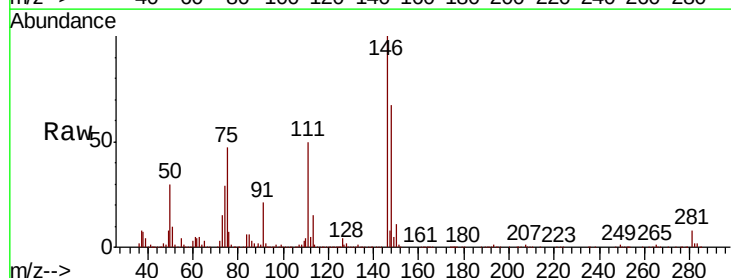
Ion	Ratio	Lower	Upper
119	100		
91	84.6	67.0	100.6
134	20.1	15.8	23.6

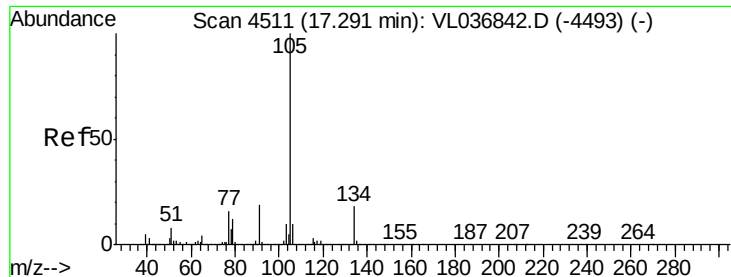


#66
Benzyl Chloride
Concen: 11.322 ppbv
RT: 17.00 min Scan# 4419
Delta R.T.: 0.01 min
Lab File: VL036909.D
Acq: 6 May 2021 18:36

Tgt Ion: 91 Resp: 509610

Ion	Ratio	Lower	Upper
91	100		
126	17.0	14.1	21.1
128	5.6	4.8	7.2





#67

sec-Butylbenzene

Concen: 10.863 ppbv

RT: 17.30

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

VL0506ABS01

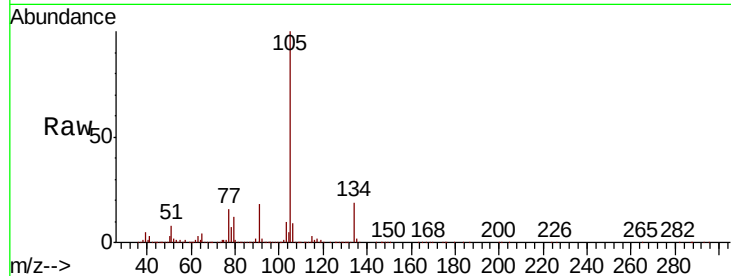
Acq: 6 May 2021 18:30

Tot Ion: 105 Resp: 6944032

Ion Ratio Lower Upper

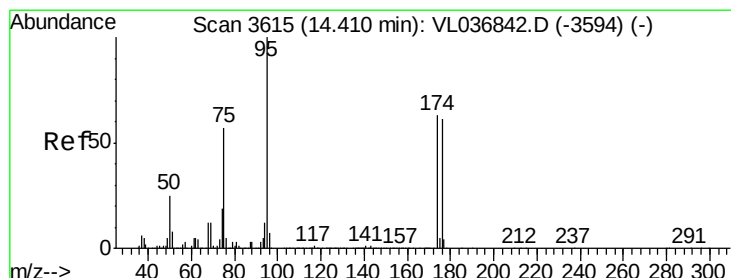
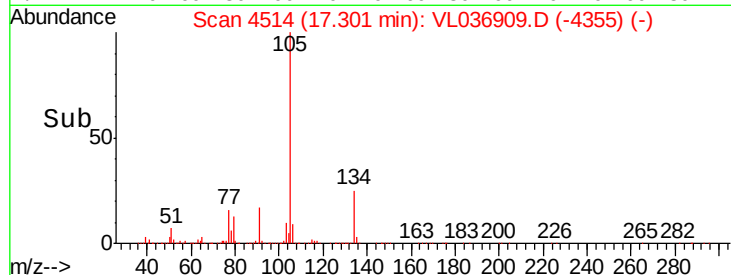
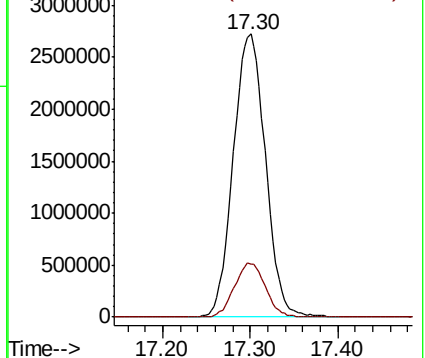
105 100

134 18.5 14.8 22.2



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 134.20 (133.90 to 134.90): V



#68

1-Bromo-4-Fluorobenzene

Concen: 9.934 ppbv

RT: 14.42 min Scan# 3619

Delta R.T. 0.01 min

Lab File: VL036909.D

Acq: 6 May 2021 18:36

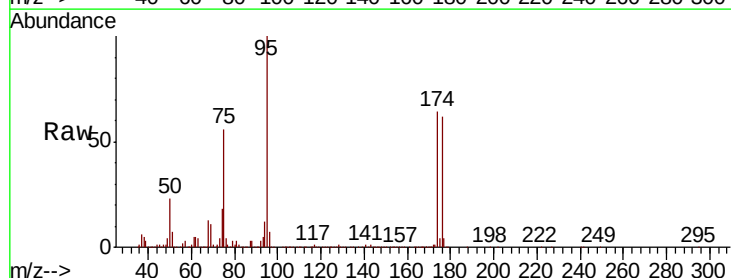
Tgt Ion: 95 Resp: 2783926

Ion Ratio Lower Upper

95 100

174 65.2 52.2 78.2

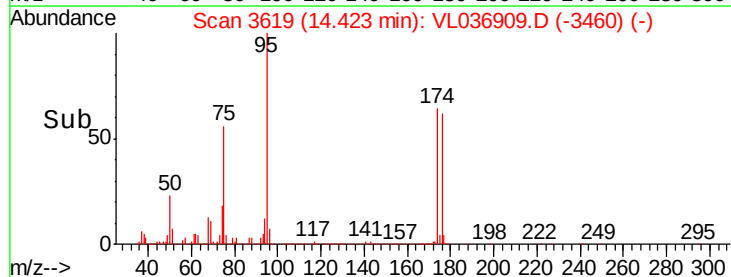
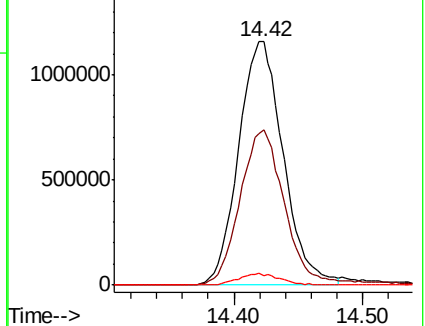
175 4.7 4.0 6.0

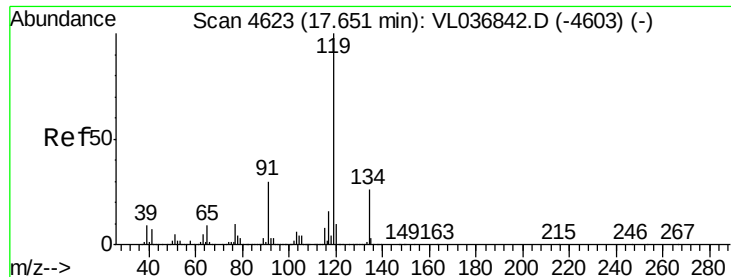


Abundance Ion 95.10 (94.80 to 95.80): VL0

Ion 174.00 (173.70 to 174.70): V

Ion 175.00 (174.70 to 175.70): V

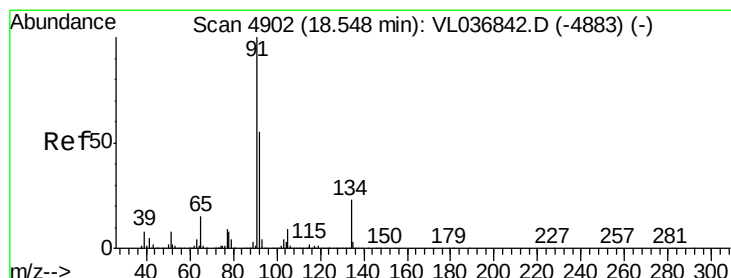
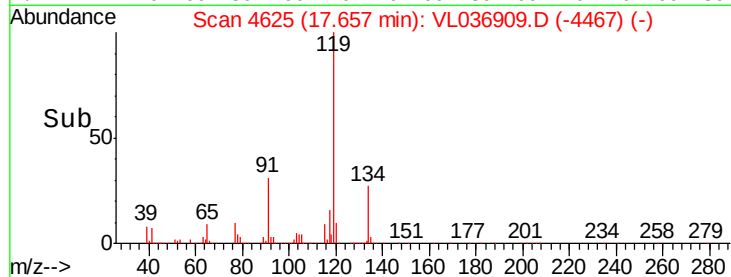
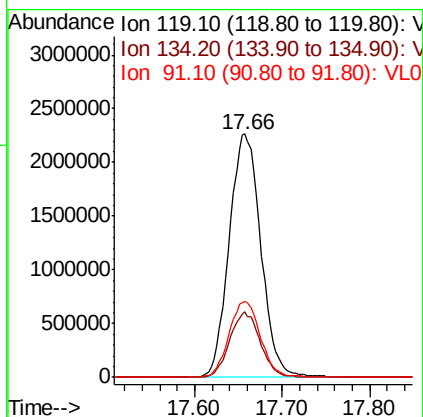
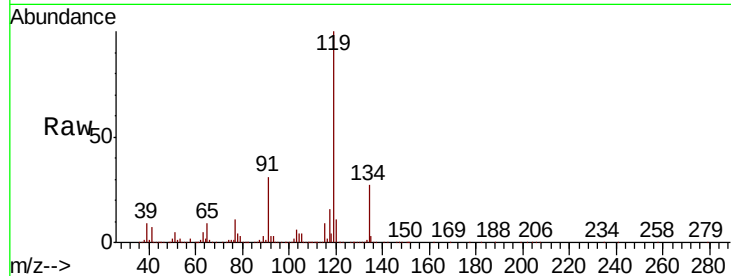




#69
 p-Isopropyltoluene
 Concen: 11.099 ppbv
 RT: 17.66 min
 Delta R.T.: 0.01 min
 Lab File: VL0506ABS01
 Acq: 6 May 2021 18:30

Tot Ion: 119 Resp: 5687974

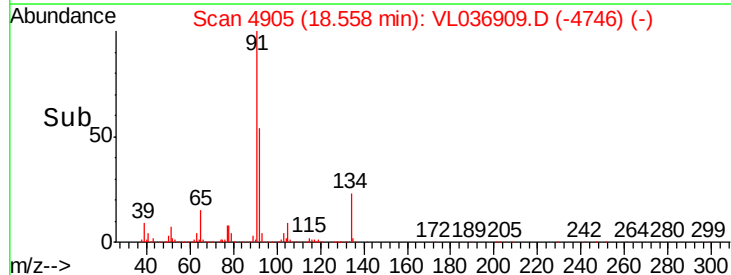
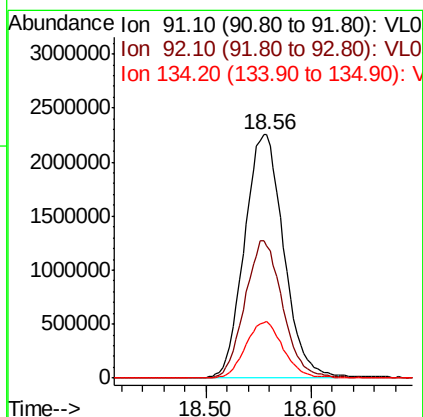
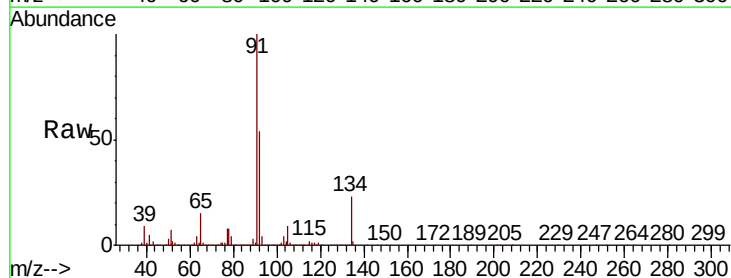
Ion	Ratio	Lower	Upper
119	100		
134	25.9	20.6	31.0
91	30.8	24.2	36.4

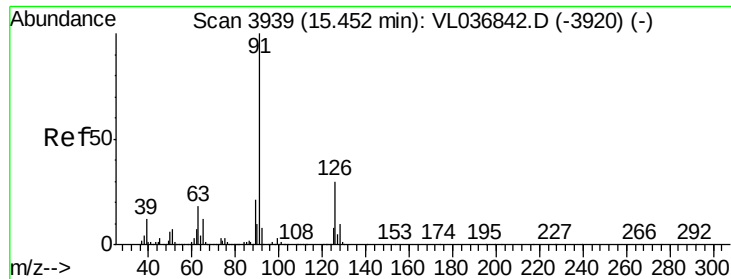


#70
 n-Butylbenzene
 Concen: 11.288 ppbv
 RT: 18.56 min Scan# 4905
 Delta R.T.: 0.01 min
 Lab File: VL036909.D
 Acq: 6 May 2021 18:36

Tgt Ion: 91 Resp: 5830536

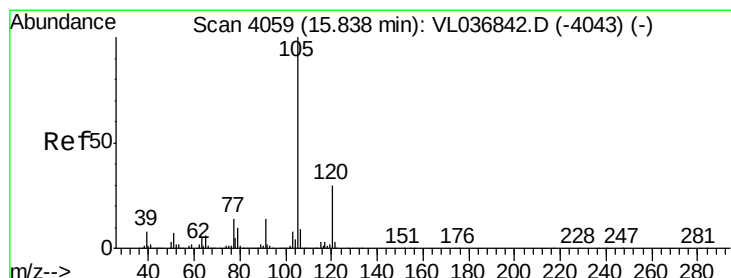
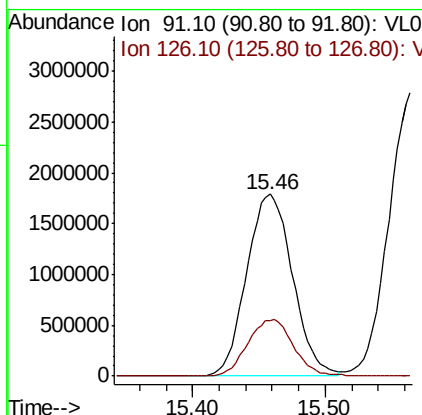
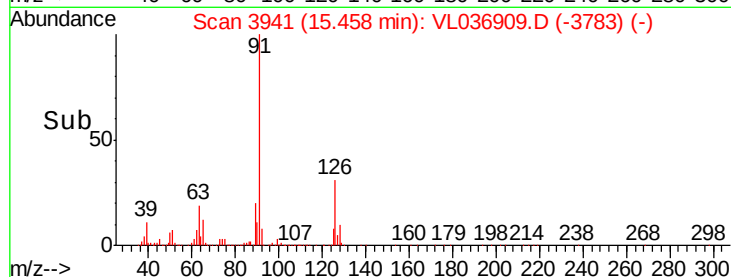
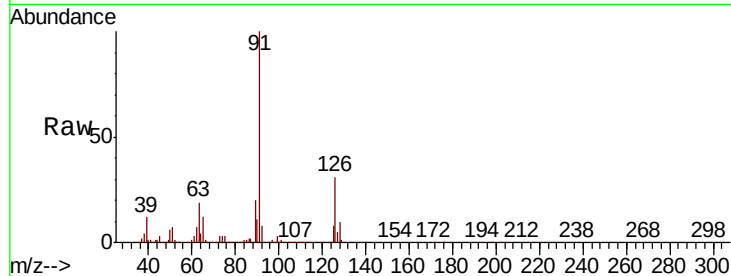
Ion	Ratio	Lower	Upper
91	100		
92	54.5	43.5	65.3
134	22.4	18.2	27.4





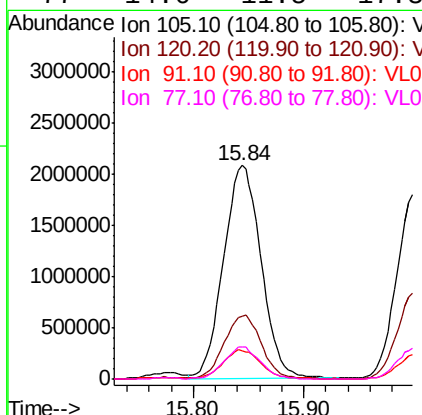
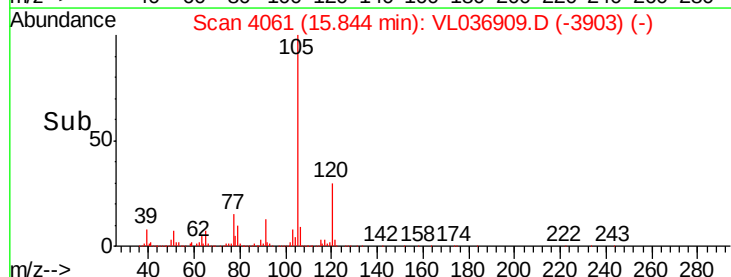
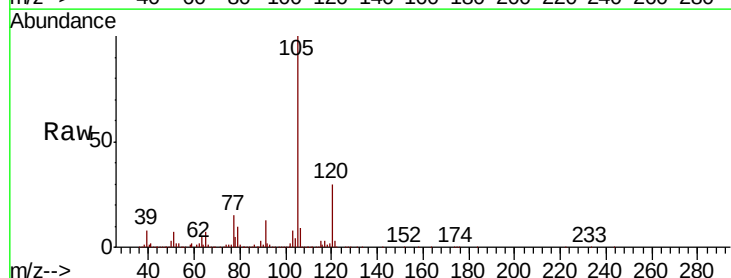
#71
 2-Chlorotoluene
 Concen: 11.177 ppbv
 RT: 15.46
 Instrument: MSVOA_1
 Delta R.T.:
 Client Sample ID:
 Lab File: VL0506ABS01
 Acq: 6 May 2021 18:30

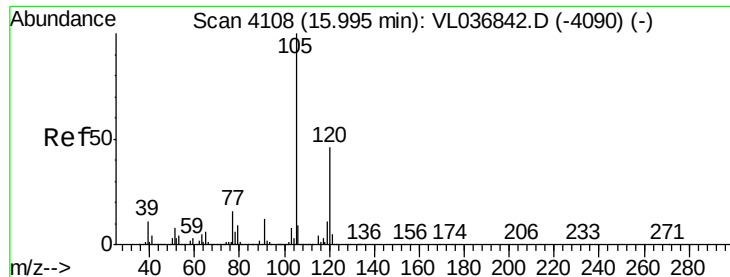
Tot Ion: 91 Resp: 4309995
 Ion Ratio Lower Upper
 91 100
 126 31.2 12.3 49.3



#72
 4-Ethyltoluene
 Concen: 11.994 ppbv
 RT: 15.84 min Scan# 4061
 Delta R.T.: 0.01 min
 Lab File: VL036909.D
 Acq: 6 May 2021 18:36

Tgt Ion: 105 Resp: 4926504
 Ion Ratio Lower Upper
 105 100
 120 29.8 23.8 35.6
 91 13.3 10.7 16.1
 77 14.6 11.5 17.3





#73

1,3,5-Trimethylbenzene

Concen: 11.088 ppbv

RT: 16.00

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

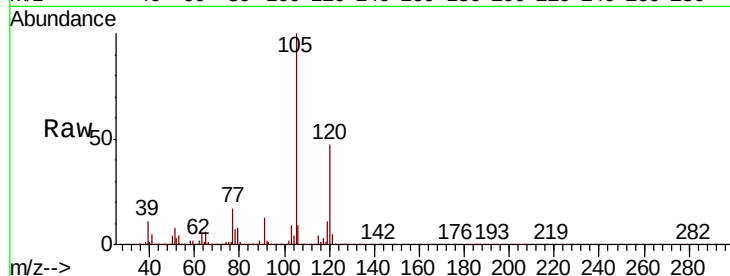
Acq: 6 May 2021 18:30

Tot Ion:105 Resp: 4416887

Ion Ratio Lower Upper

105 100

120 47.4 36.8 55.2



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V

16.00

2000000

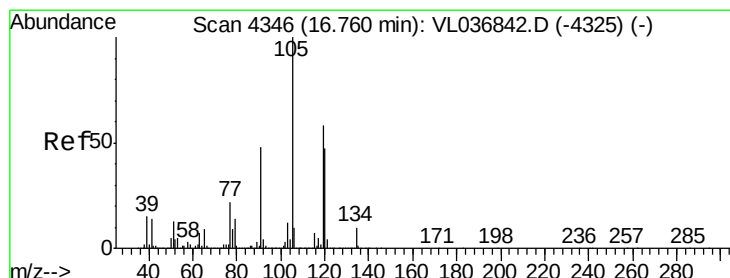
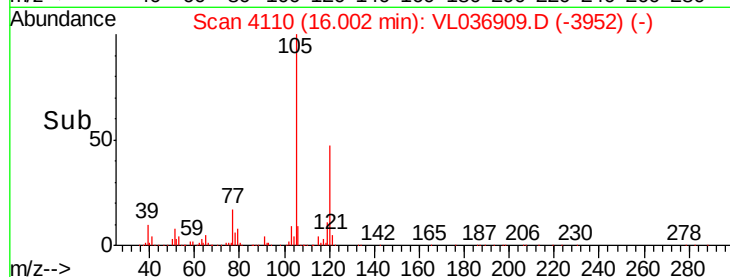
1500000

1000000

500000

0

Time-->



#74

1,2,4-Trimethylbenzene

Concen: 10.726 ppbv

RT: 16.77 min Scan# 4348

Delta R.T. 0.01 min

Lab File: VL036909.D

Acq: 6 May 2021 18:36

Tgt Ion:105 Resp: 4538205

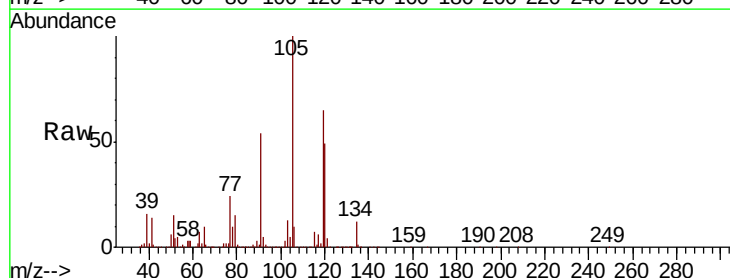
Ion Ratio Lower Upper

105 100

120 49.3 37.6 56.4

91 53.4 39.0 58.4

77 24.3 17.4 26.0



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V

Ion 91.10 (90.80 to 91.80): VL0

Ion 77.10 (76.80 to 77.80): VL0

2500000

2000000

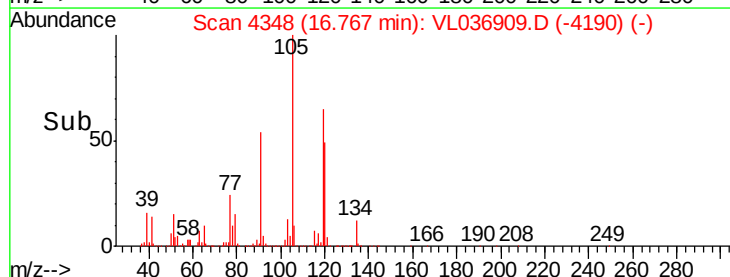
1500000

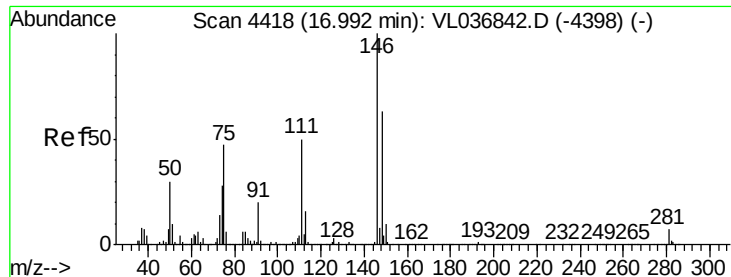
1000000

500000

0

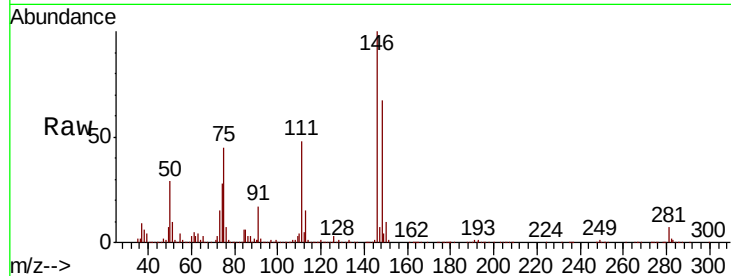
Time-->



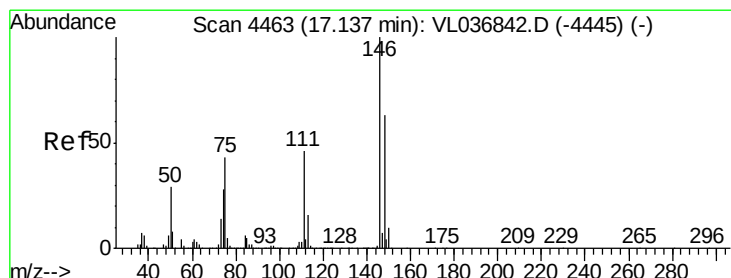
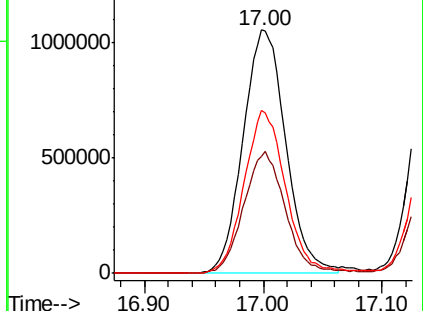
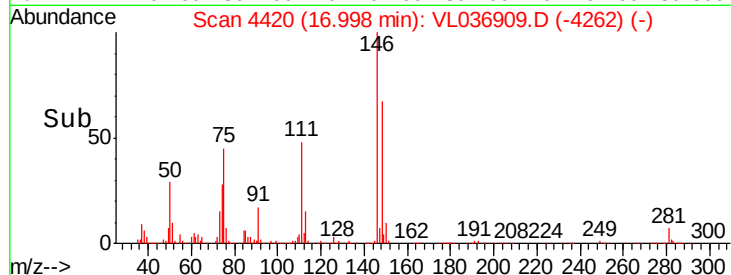


#75
 1,3-Dichlorobenzene
 Concen: 10.494 ppbv
 RT: 17.00
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 VL0506ABS01
 Acq: 6 May 2021 18:30

Tot Ion:146 Resp: 2624875
 Ion Ratio Lower Upper
 146 100
 111 48.8 24.2 72.6
 148 65.3 32.1 96.3

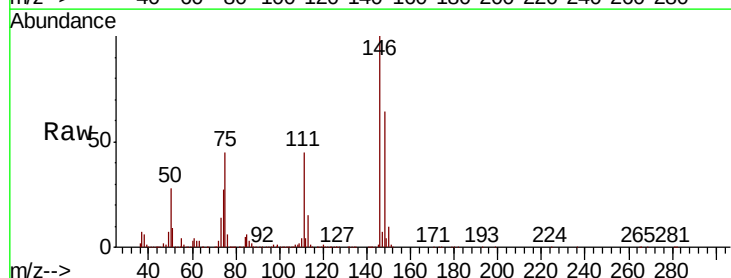


Abundance Ion 146.00 (145.70 to 146.70): V
 Ion 111.10 (110.80 to 111.80): V
 Ion 148.00 (147.70 to 148.70): V

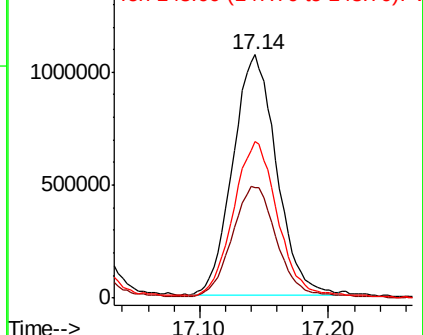
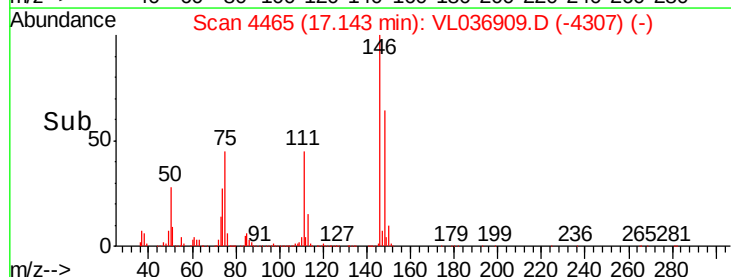


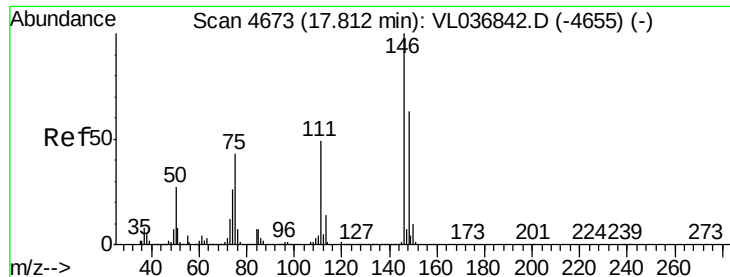
#76
 1,4-Dichlorobenzene
 Concen: 10.177 ppbv
 RT: 17.14 min Scan# 4465
 Delta R.T. 0.01 min
 Lab File: VL036909.D
 Acq: 6 May 2021 18:36

Tgt Ion:146 Resp: 2491009
 Ion Ratio Lower Upper
 146 100
 111 48.5 24.3 72.8
 148 67.7 32.4 97.0



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: 10.397 ppbv

RT: 17.82

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

VL0506ABS01

Acq: 6 May 2021 18:30

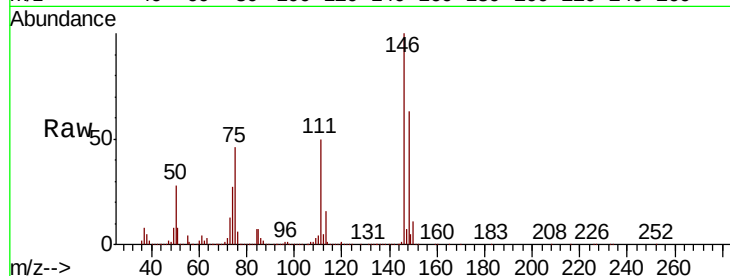
Tot Ion:146 Resp: 2539986

Ion Ratio Lower Upper

146 100

111 50.3 25.0 75.0

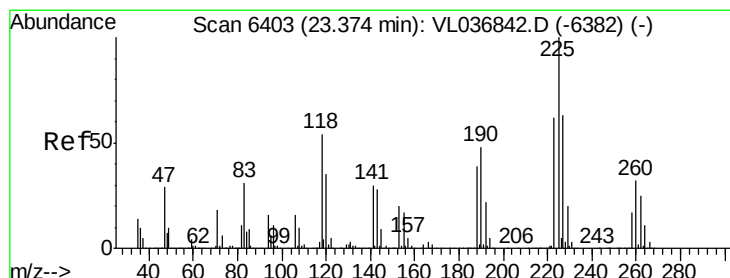
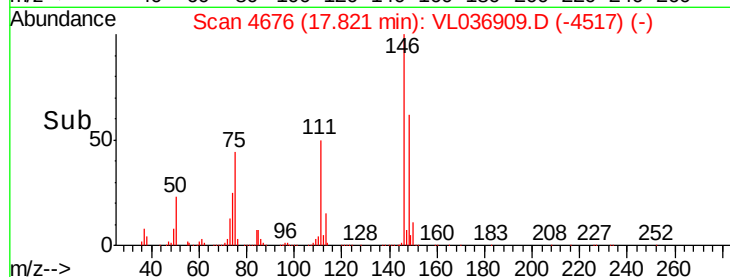
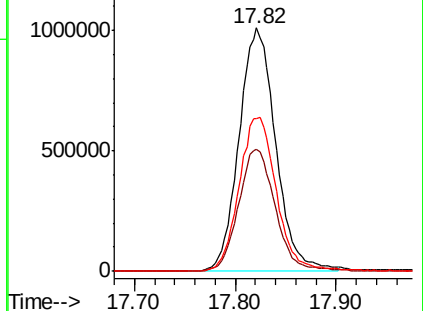
148 64.4 32.4 97.0



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: 8.897 ppbv

RT: 23.38 min Scan# 6405

Delta R.T. 0.01 min

Lab File: VL036909.D

Acq: 6 May 2021 18:36

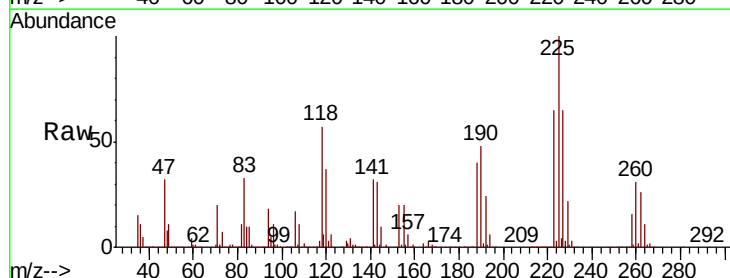
Tgt Ion:225 Resp: 1846904

Ion Ratio Lower Upper

225 100

223 64.0 51.2 76.8

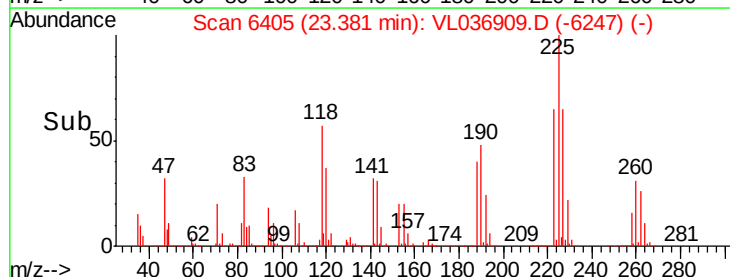
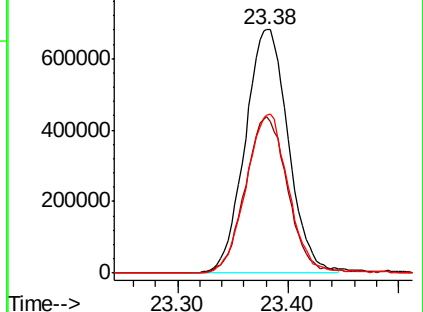
227 65.0 51.8 77.6

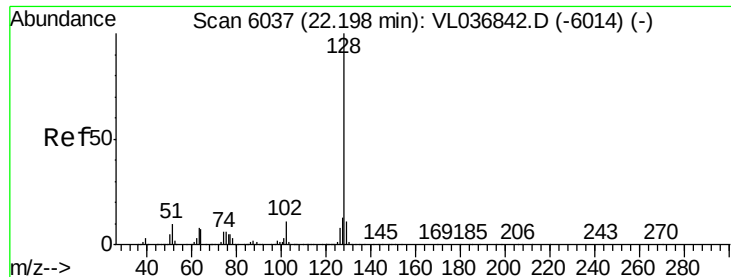


Abundance Ion 224.90 (224.60 to 225.60): V

Ion 222.90 (222.60 to 223.60): V

Ion 226.90 (226.60 to 227.60): V

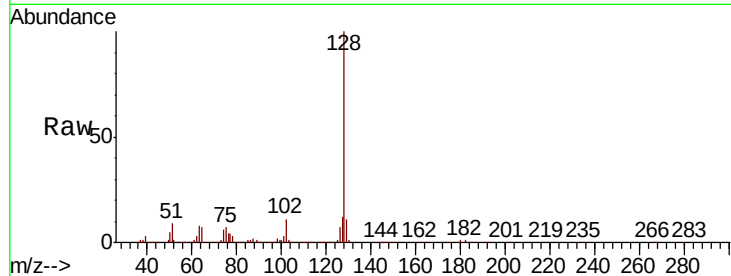




#79
Naphthalene
Concen: 12.031 ppbv
RT: 22.20 min
Instrument: MSVOA_1
Delta R.T.: 0.00 min
Lab File: VL0506ABS01
Client Sample ID: VL0506ABS01
Acq: 6 May 2021 18:30

Tot Ion: 128 Resp: 2850888

Ion	Ratio	Lower	Upper
128	100		
127	12.3	10.6	15.8
129	11.0	9.0	13.4

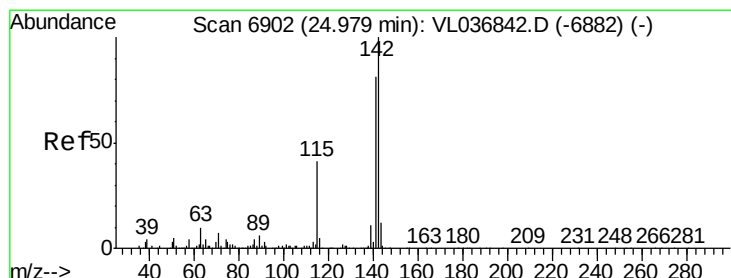
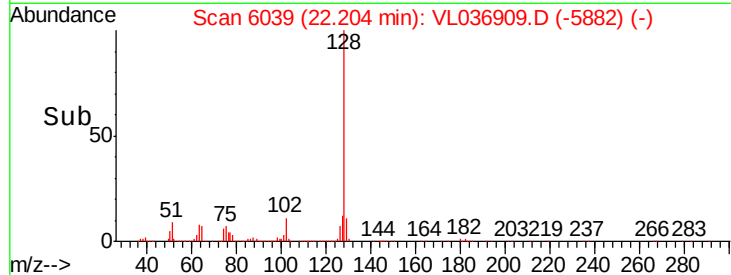
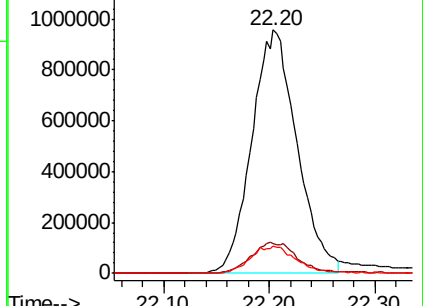


Abundance

Ion 128.10 (127.80 to 128.80): V

Ion 127.10 (126.80 to 127.80): V

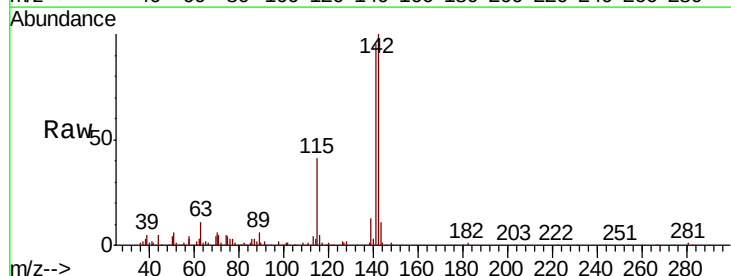
Ion 129.10 (128.80 to 129.80): V



#80
Naphthalene, 2-methyl-
Concen: 12.164 ppbv
RT: 24.98 min Scan# 6903
Delta R.T.: 0.00 min
Lab File: VL036909.D
Acq: 6 May 2021 18:36

Tgt Ion: 142 Resp: 317882

Ion	Ratio	Lower	Upper
142	100		
141	71.2	62.6	93.8
115	37.4	32.0	48.0

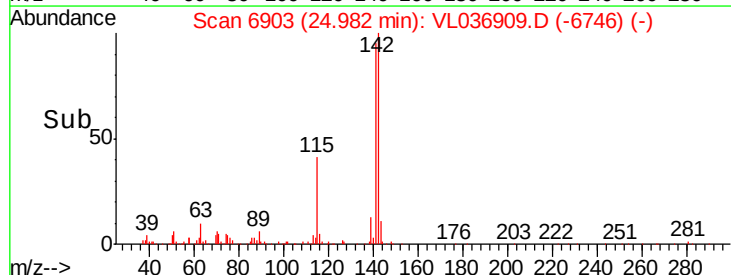
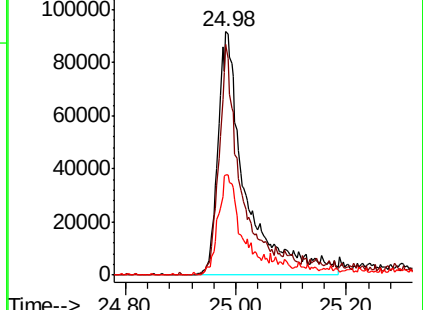


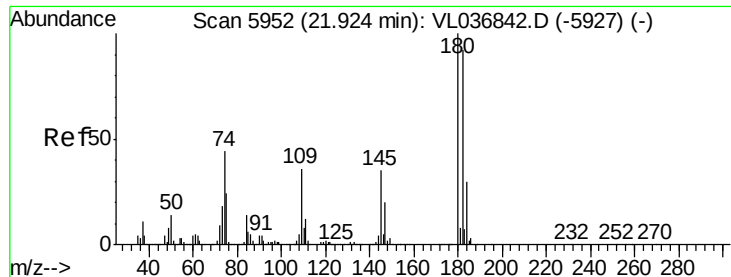
Abundance

Ion 142.00 (141.70 to 142.70): V

Ion 141.00 (140.70 to 141.70): V

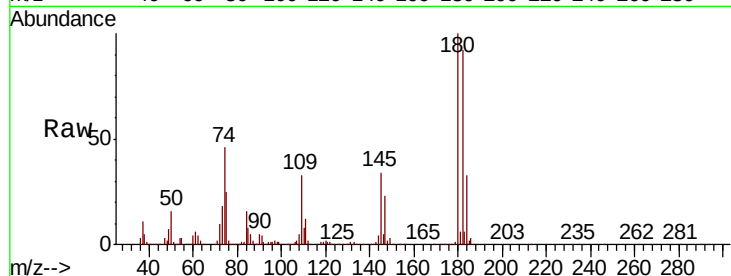
Ion 115.00 (114.70 to 115.70): V





#81
 1,2,4-Trichlorobenzene
 Concen: 4.695 ppbv
 RT: 21.94
 Delta R.T: MSVOA_L
 Lab File: ClientSampleId :
 VL0506ABS01
 Acq: 6 May 2021 18:30

Tot Ion	Ratio	Lower	Upper
180	100		
182	0.0	80.9	121.3#
184	72.8	25.3	37.9#



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

