

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL050621\
 Data File : VL036908.D
 Acq On : 6 May 2021 17:57
 Operator : SY/AP
 Sample : VL0506ABS01
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA L
 ClientSampleId :
 VL0506ABS01

Quant Time: May 07 08:13:27 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	1496639	10.00	ppbv	0.01
33) 1,4-Difluorobenzene	7.19	114	3773615	10.00	ppbv	0.02
55) Chlorobenzene-d5	12.09	117	4415492	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.42	95	2851588	8.05	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	80.50%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	3.05	85	2334334	9.904	ppbv 97
3) Chlorodifluoromethane	2.99	51	2824582	10.361	ppbv 100
4) Chloromethane	3.15	50	990184	11.051	ppbv 92
5) Vinyl Chloride	3.26	62	904915	10.012	ppbv 98
6) Bromomethane	3.48	94	522592	10.753	ppbv 98
7) Chloroethane	3.57	64	335351	11.291	ppbv 89
8) Dichlorotetrafluoroethane	3.19	85	2285677	10.632	ppbv 99
9) Propene	3.02	41	939129	11.305	ppbv 99
10) Heptane	8.13	43	2347736	11.237	ppbv 96
11) Trichlorofluoromethane	3.96	101	2221816	10.560	ppbv 100
12) 1,1,2-Trichlorotrifluoroet	4.49	101	1467455	10.421	ppbv 99
13) Ethanol	3.62	45	58005	5.475	ppbv # 34
14) Bromoethene	3.75	108	649624	11.292	ppbv 99
15) Acetone	3.86	43	1237067	8.770	ppbv 98
16) 1,3-Butadiene	3.33	39	974803	10.807	ppbv 97
17) tert-Butyl alcohol	4.30	59	1312799	11.466	ppbv 100
18) 1,1-Dichloroethene	4.29	96	662891	10.832	ppbv 95
19) Isopropyl Alcohol	3.97	45	719511	10.294	ppbv # 97
20) Methylene Chloride	4.35	84	529447	7.849	ppbv 91
21) Allyl Chloride	4.42	41	1130527	10.785	ppbv 97
22) trans-1,2-Dichloroethene	4.89	96	633549	10.316	ppbv 96
23) Vinyl Acetate	5.08	43	2616978	13.638	ppbv 98
24) 1,1-Dichloroethane	5.02	63	1803574	13.241	ppbv 98
25) Ethyl Acetate	5.69	43	3592427	10.426	ppbv 99
26) Hexane	5.70	57	1703880	10.569	ppbv 95
27) Carbon Disulfide	4.56	76	1652362	11.800	ppbv 99
28) Methyl tert-Butyl Ether	5.04	73	1978388	13.845	ppbv 100
29) Chloroform	5.76	83	2684706	10.682	ppbv 98
30) Cyclohexane	7.13	84	1445259	11.305	ppbv 97
31) cis-1,2-Dichloroethene	5.56	61	1710675	11.822	ppbv 98
32) 1,1,1-Trichloroethane	6.52	97	2728540	10.676	ppbv 99
34) 2-Butanone	5.25	43	1777444	10.753	ppbv 99
35) Carbon Tetrachloride	7.02	117	2867150	11.197	ppbv 97
36) Benzene	6.90	78	3575401	11.245	ppbv 98
37) 1,2-Dichloroethane	6.31	62	2010861	11.169	ppbv 98
38) Trichloroethene	7.84	130	1305245	11.530	ppbv 97
39) 1,2-Dichloropropane	7.62	63	1419112	11.141	ppbv 97
40) 1,4-Dioxane	7.84	88	321080	10.439	ppbv # 1
41) Tetrahydrofuran	6.06	42	839283	11.607	ppbv 98
42) Bromodichloromethane	7.80	83	2975124	11.893	ppbv 97
43) Methyl Methacrylate	8.02	69	1253952	12.087	ppbv 98

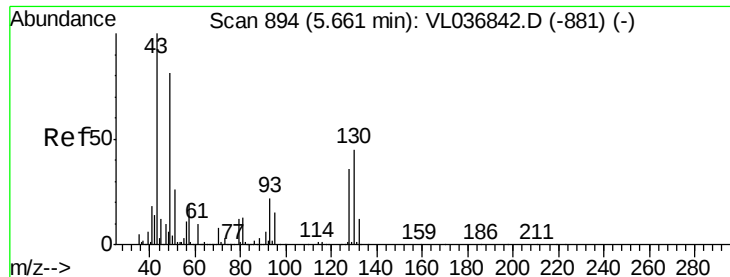
Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL050621\
 Data File : VL036908.D
 Acq On : 6 May 2021 17:57
 Operator : SY/AP
 Sample : VL0506ABS01
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 MSVOA_L
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Quant Time: May 07 08:13:27 2021
 Quant Method : 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	7.87	57	6009620	11.029	ppbv	99
45) t-1,3-Dichloropropene	9.28	75	1415327	12.655	ppbv	98
46) cis-1,3-Dichloropropene	8.71	75	1805592	12.592	ppbv	100
47) 1,1,2-Trichloroethane	9.48	97	1457434	11.052	ppbv	98
48) Dibromochloromethane	10.31	129	2370517	12.131	ppbv	98
49) Bromoform	13.05	173	1897347	12.162	ppbv	99
50) 4-Methyl-2-Pentanone	8.75	43	2626616	11.625	ppbv	99
51) 2-Hexanone	10.15	43	1305490	11.584	ppbv #	96
52) Tetrachloroethene	11.23	164	1201563	11.098	ppbv	97
53) Toluene	9.81	91	3963498	11.913	ppbv	99
54) 1,2-Dibromoethane	10.62	107	2057093	11.048	ppbv	97
56) 1,1,1,2-Tetrachloroethane	12.13	131	1589489	8.587	ppbv #	64
57) Chlorobenzene	12.16	112	2892763	8.411	ppbv	100
58) Ethyl Benzene	12.72	91	5242414	9.361	ppbv	99
59) m/p-Xylene	13.01	91	4883197	9.756	ppbv #	44
60) o-Xylene	13.70	91	4194723	8.667	ppbv	100
61) Styrene	13.53	104	2383717	10.488	ppbv	100
62) Isopropylbenzene	14.67	105	5651792	8.583	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.68	83	3101867	7.995	ppbv	100
64) n-propylbenzene	15.57	120	1490773	9.084	ppbv	100
65) tert-Butylbenzene	16.75	119	4973373	8.542	ppbv	99
66) Benzyl Chloride	16.99	91	494527	8.687	ppbv	98
67) sec-Butylbenzene	17.30	105	6981372	8.635	ppbv	100
69) p-Isopropyltoluene	17.66	119	5720904	8.827	ppbv	99
70) n-Butylbenzene	18.55	91	5908025	9.044	ppbv	100
71) 2-Chlorotoluene	15.46	91	4362513	8.945	ppbv	99
72) 4-Ethyltoluene	15.84	105	4839528	9.316	ppbv	98
73) 1,3,5-Trimethylbenzene	16.00	105	4470712	8.874	ppbv	99
74) 1,2,4-Trimethylbenzene	16.77	105	4611676	8.618	ppbv	95
75) 1,3-Dichlorobenzene	17.00	146	2648421	8.372	ppbv	99
76) 1,4-Dichlorobenzene	17.14	146	2576913	8.324	ppbv	98
77) 1,2-Dichlorobenzene	17.82	146	2570282	8.318	ppbv	99
78) Hexachloro-1,3-Butadiene	23.38	225	1856128	7.070	ppbv	100
79) Naphthalene	22.20	128	2873707	9.588	ppbv	98
80) Naphthalene, 2-methyl-	24.99	142	314092	9.503	ppbv	93
81) 1,2,4-Trichlorobenzene	21.93	180	821743	4.239	ppbv #	11

(#) = 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 17:57

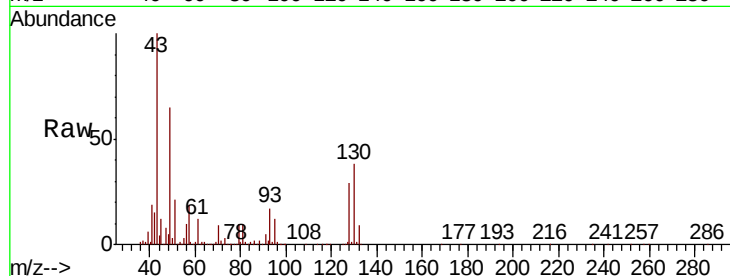
Tot Ion: 49 Resp: 1496639

Ion Ratio Lower Upper

49 100

128 48.6 24.4 73.2

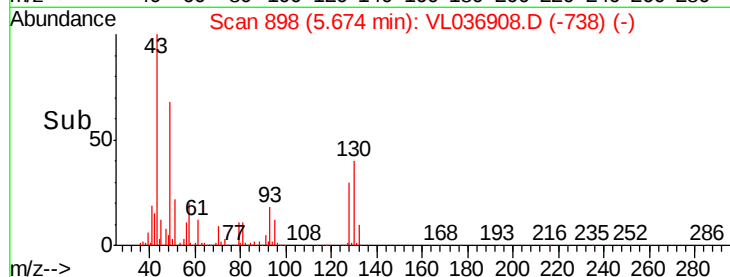
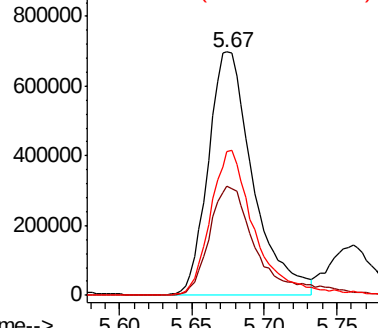
130 60.4 30.3 90.8



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: 9.904 ppbv

RT: 3.05 min Scan# 83

Delta R.T. 0.01 min

Lab File: VL036908.D

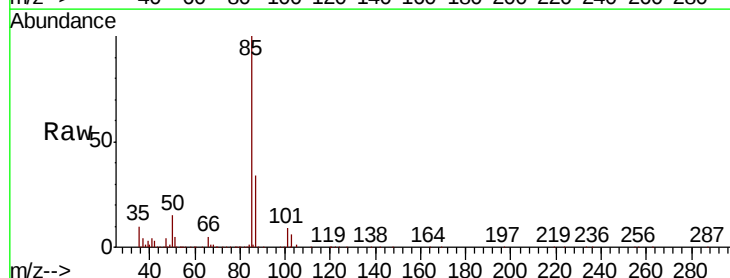
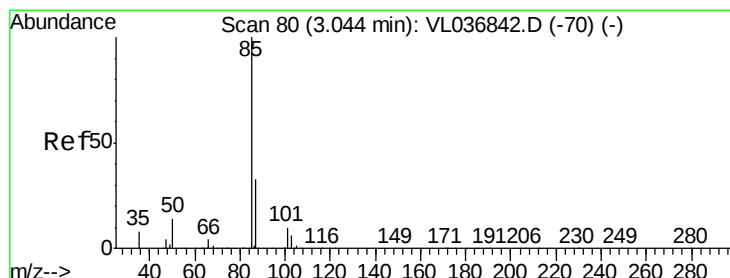
Acq: 6 May 2021 17:57

Tgt Ion: 85 Resp: 2334334

Ion Ratio Lower Upper

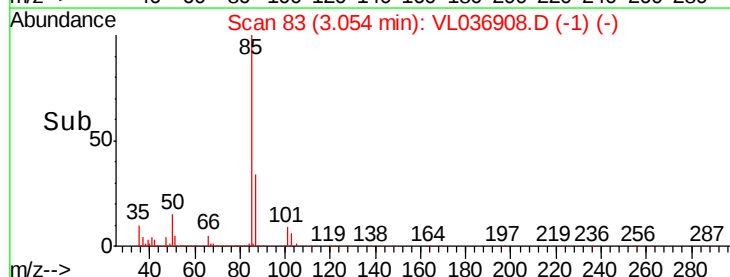
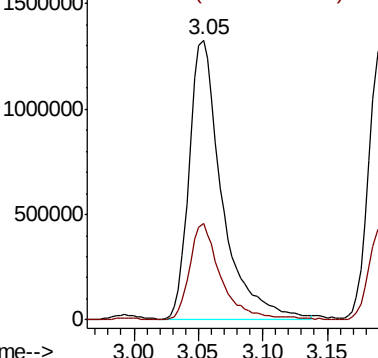
85 100

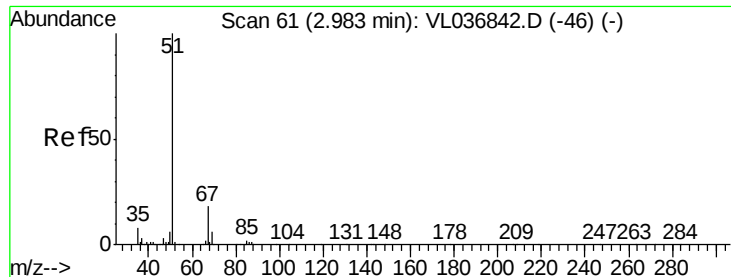
87 34.2 26.2 39.2



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0





#3

Chlorodifluoromethane

Concen: 10.361 ppbv

RT: 2.99 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

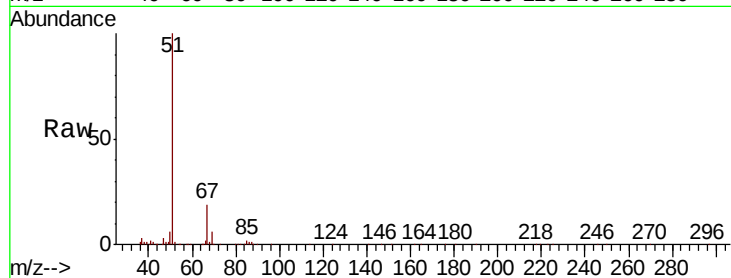
Acq: 6 May 2021 17:57

Tot Ion: 51 Resp: 2824582

Ion Ratio Lower Upper

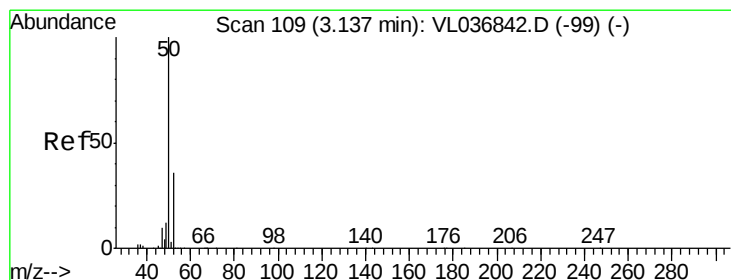
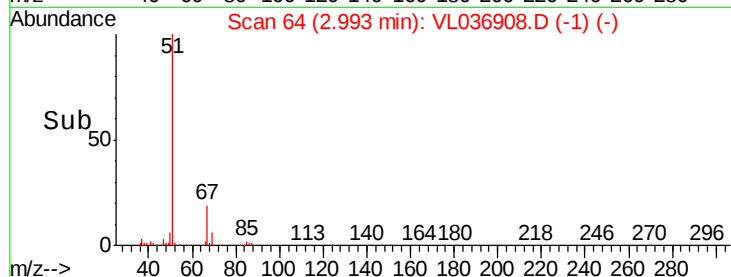
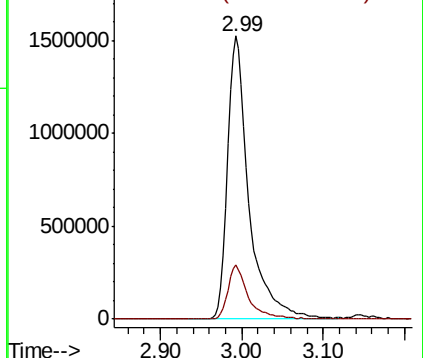
51 100

67 18.5 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: 11.051 ppbv

RT: 3.15 min Scan# 112

Delta R.T. 0.01 min

Lab File: VL036908.D

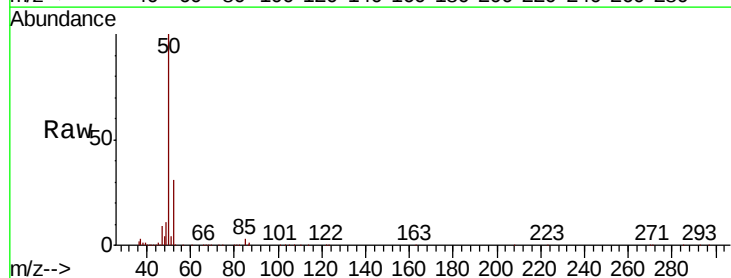
Acq: 6 May 2021 17:57

Tgt Ion: 50 Resp: 990184

Ion Ratio Lower Upper

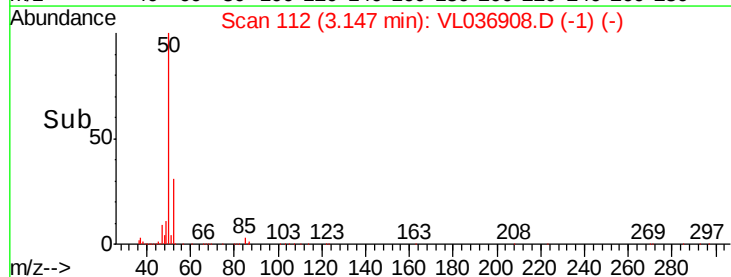
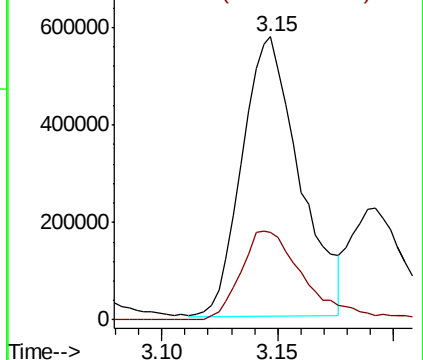
50 100

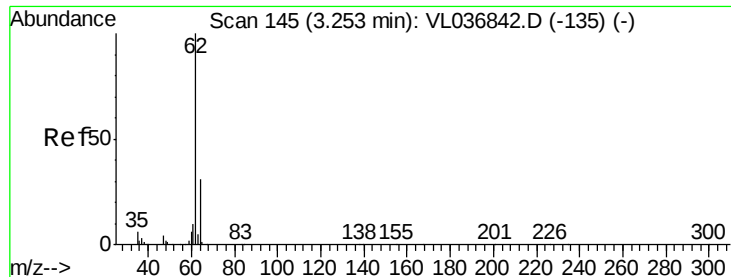
52 31.2 28.5 42.7



Abundance Ion 50.10 (49.80 to 50.80): VL0

Ion 52.10 (51.80 to 52.80): VL0





#5

Vinyl Chloride

Concen: 10.012 ppbv

RT: 3.26 Instrument: MSVOA_1

Delta R.T.

Lab File: ClientSampleId:

VL0506ABS01

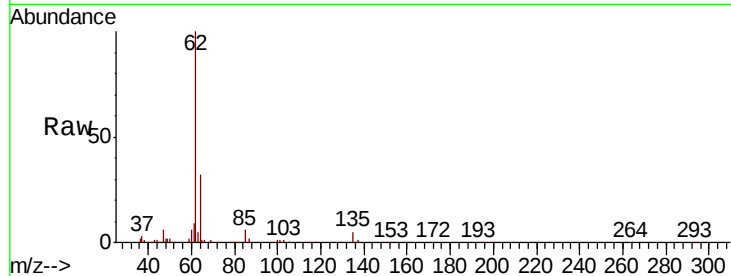
Acq: 6 May 2021 17:57

Tot Ion: 62 Resp: 904915

Ion Ratio Lower Upper

62 100

64 32.4 25.0 37.4



Abundance Ion 62.10 (61.80 to 62.80): VL0

Ion 64.10 (63.80 to 64.80): VL0

3.26

600000

500000

400000

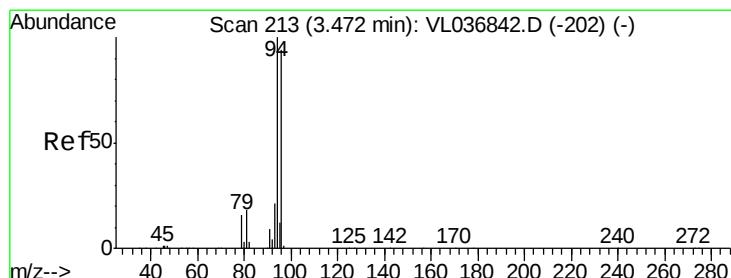
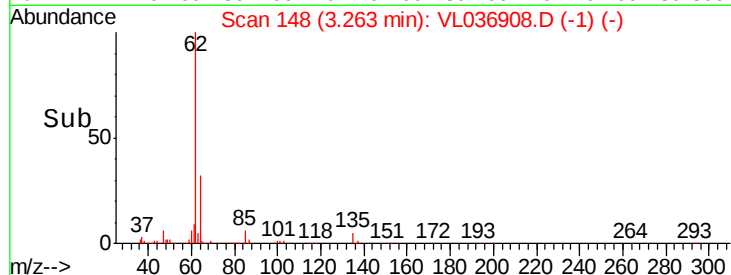
300000

200000

100000

0

Time-->



#6

Bromomethane

Concen: 10.753 ppbv

RT: 3.48 min Scan# 215

Delta R.T. 0.01 min

Lab File: VL036908.D

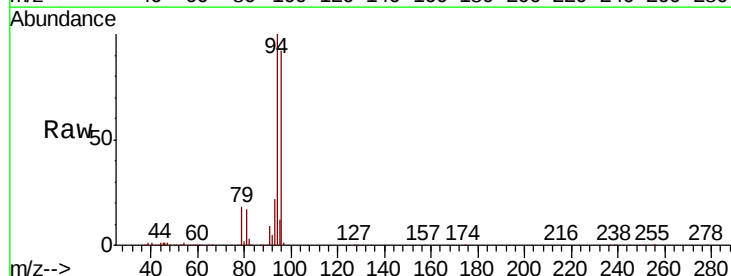
Acq: 6 May 2021 17:57

Tgt Ion: 94 Resp: 522592

Ion Ratio Lower Upper

94 100

96 92.5 75.4 113.0



Abundance Ion 94.00 (93.70 to 94.70): VL0

Ion 96.00 (95.70 to 96.70): VL0

3.48

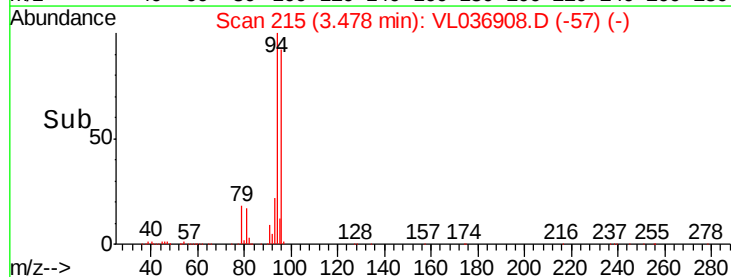
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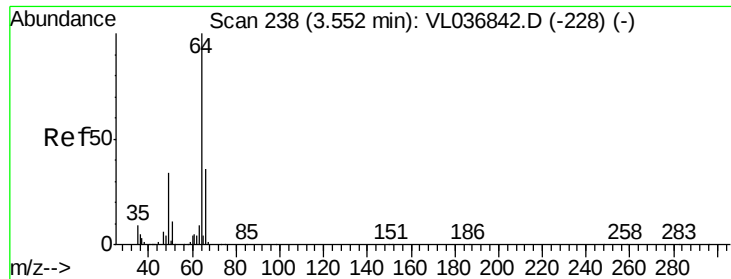
200000

100000

0

Time-->





#7

Chloroethane

Concen: 11.291 ppbv

RT: 3.57 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

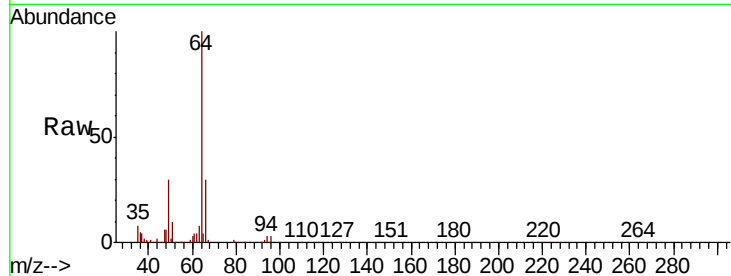
Acq: 6 May 2021 17:57 VL0506ABS01

Tot Ion: 64 Resp: 335351

Ion Ratio Lower Upper

64 100

66 29.6 29.0 43.6



Abundance Ion 64.10 (63.80 to 64.80): VL0

Ion 66.10 (65.80 to 66.80): VL0

3.57

200000

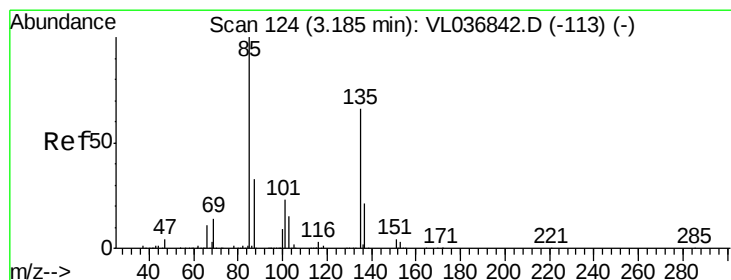
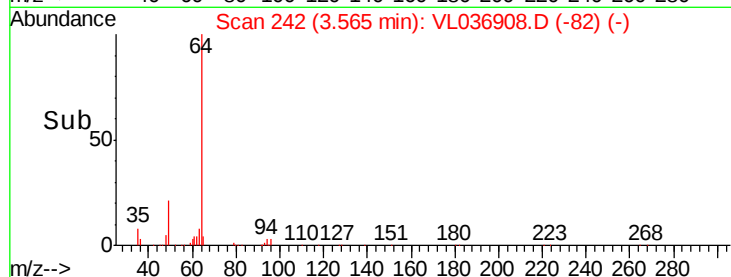
150000

100000

50000

0

Time-->



#8

Dichlorotetrafluoroethane

Concen: 10.632 ppbv

RT: 3.19 min Scan# 126

Delta R.T. 0.01 min

Lab File: VL036908.D

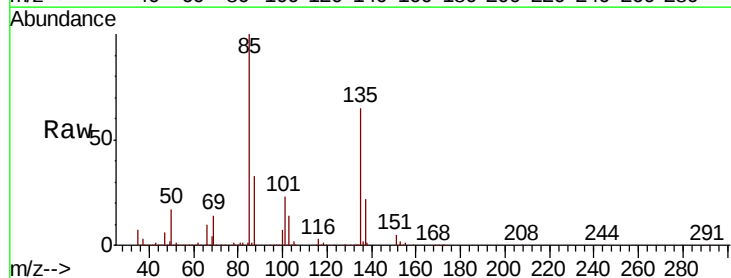
Acq: 6 May 2021 17:57

Tgt Ion: 85 Resp: 2285677

Ion Ratio Lower Upper

85 100

135 69.4 56.2 84.4



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 135.00 (134.70 to 135.70): V

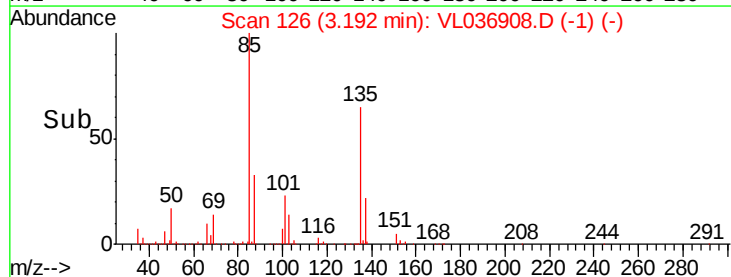
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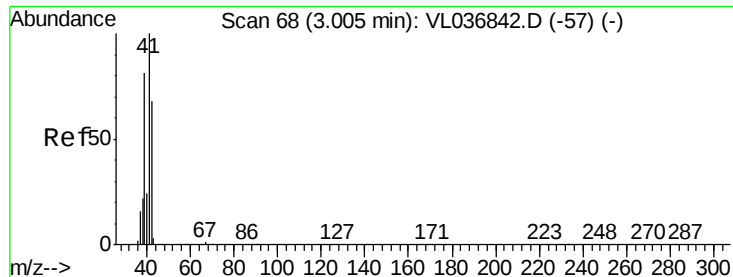
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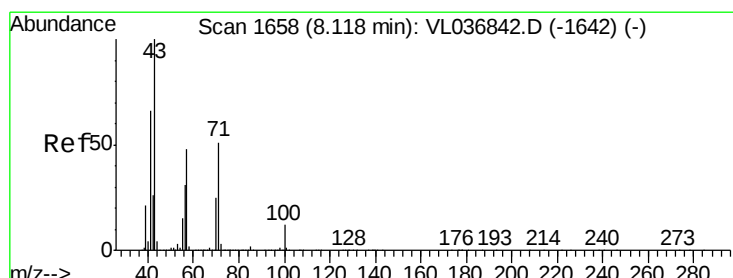
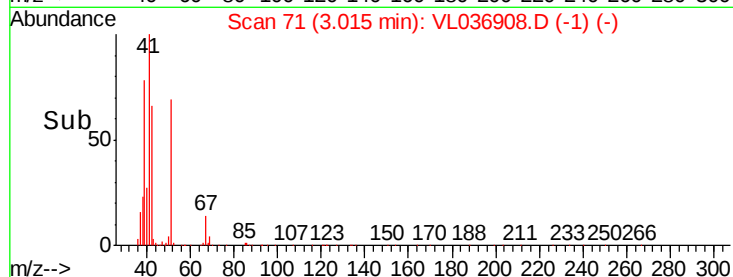
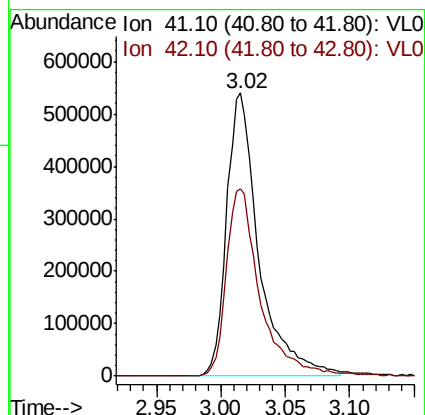
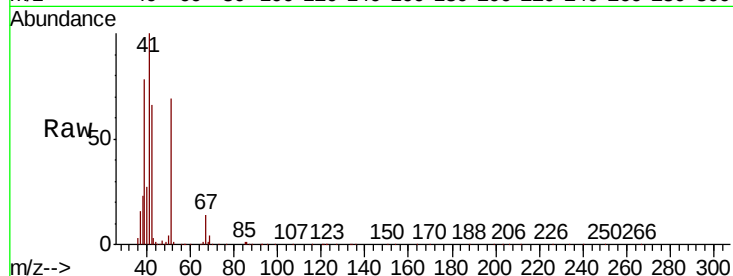
Time-->





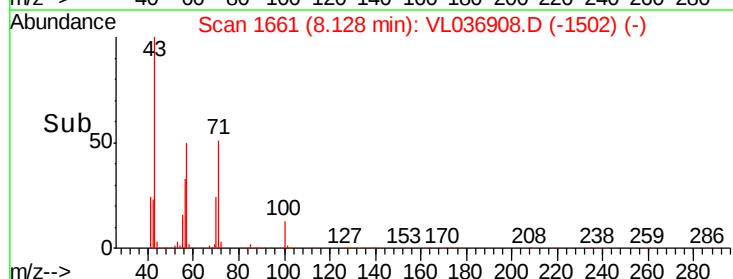
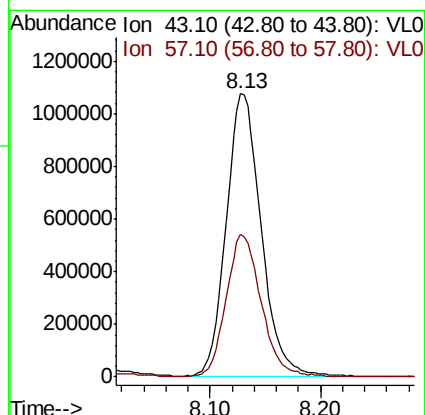
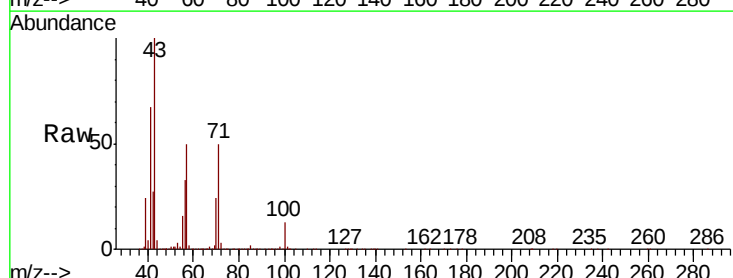
#9
 Propene
 Concen: 11.305 ppbv
 RT: 3.02
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VL0506ABS01
 Acq: 6 May 2021 17:57

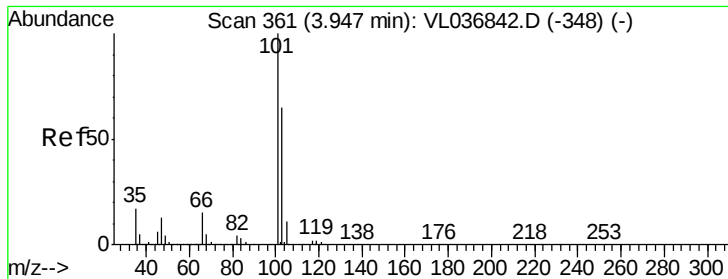
Tot Ion: 41 Resp: 939129
 Ion Ratio Lower Upper
 41 100
 42 69.4 56.0 84.0



#10
 Heptane
 Concen: 11.237 ppbv
 RT: 8.13 min Scan# 1661
 Delta R.T. 0.01 min
 Lab File: VL036908.D
 Acq: 6 May 2021 17:57

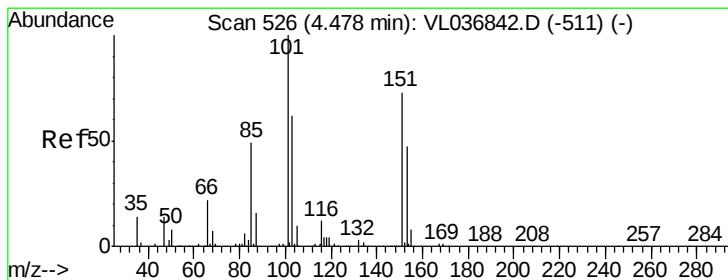
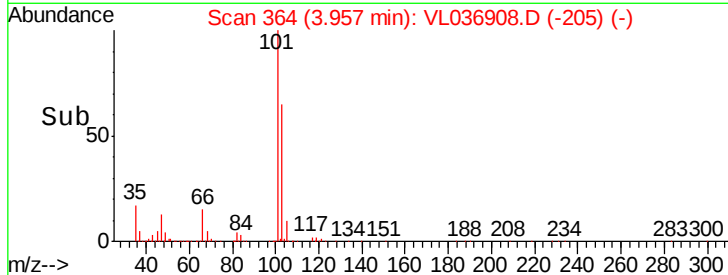
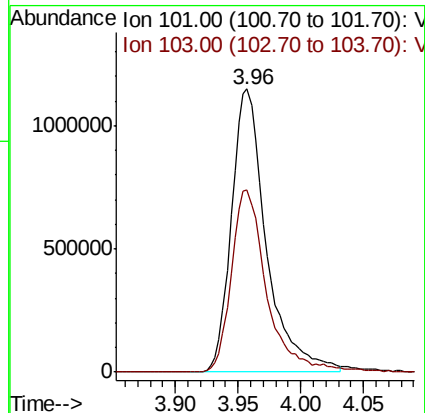
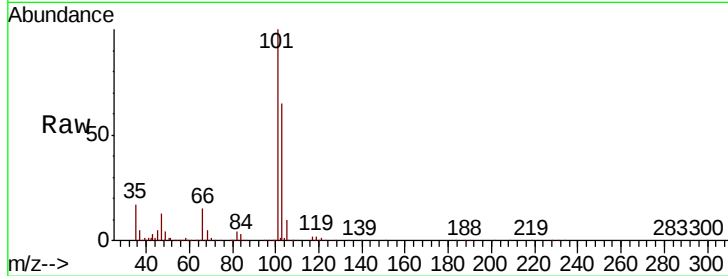
Tgt Ion: 43 Resp: 2347736
 Ion Ratio Lower Upper
 43 100
 57 50.9 38.8 58.2





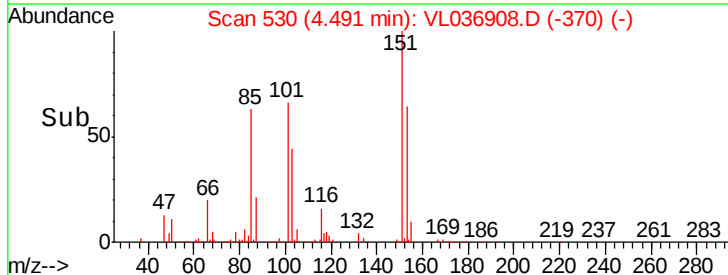
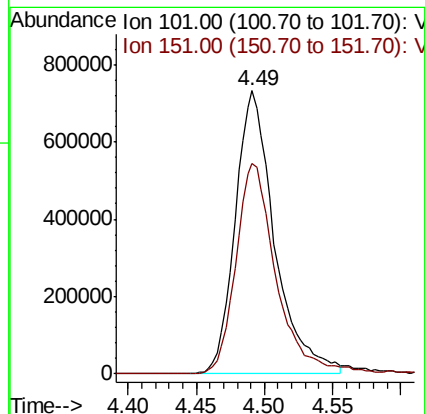
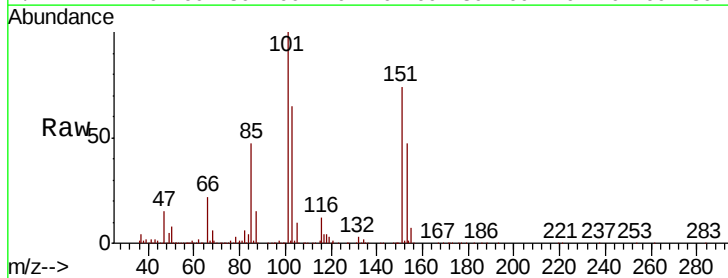
#11
 Trichlorofluoromethane
 Concen: 10.560 ppbv
 RT: 3.96
 Instrument: MSVOA_1
 Delta R.T.:
 Client Sample Id:
 Lab File: VL0506ABS01
 Acq: 6 May 2021 17:57

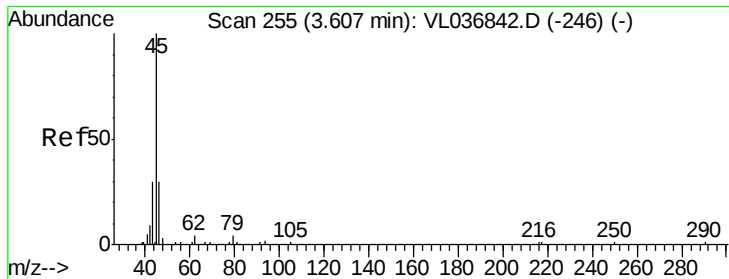
Tot Ion:101 Resp: 2221816
 Ion Ratio Lower Upper
 101 100
 103 64.5 51.6 77.4



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 10.421 ppbv
 RT: 4.49 min Scan# 530
 Delta R.T.: 0.01 min
 Lab File: VL036908.D
 Acq: 6 May 2021 17:57

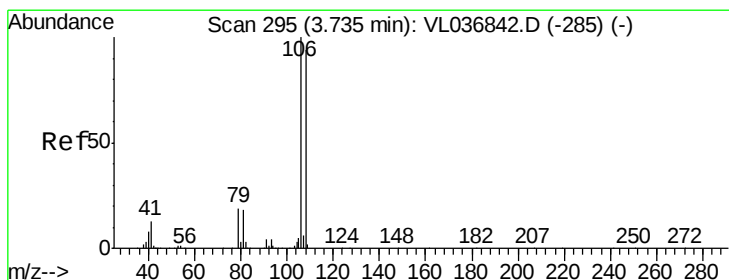
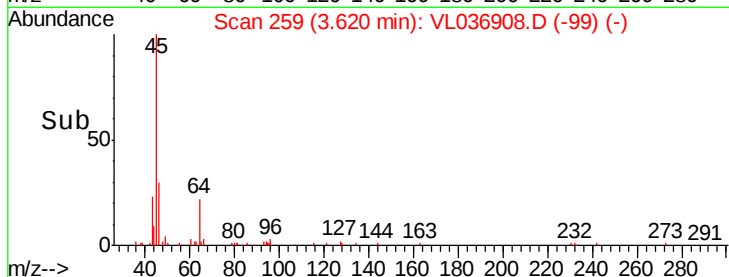
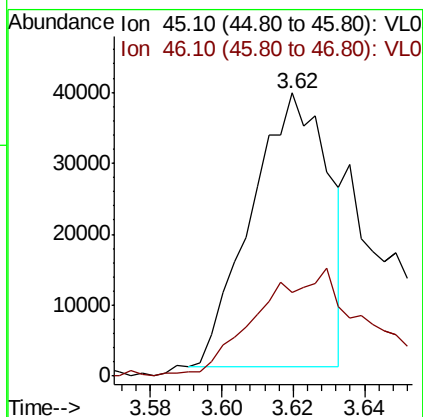
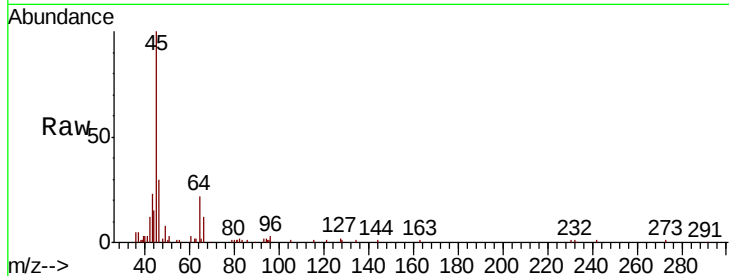
Tgt Ion:101 Resp: 1467455
 Ion Ratio Lower Upper
 101 100
 151 77.1 61.1 91.7





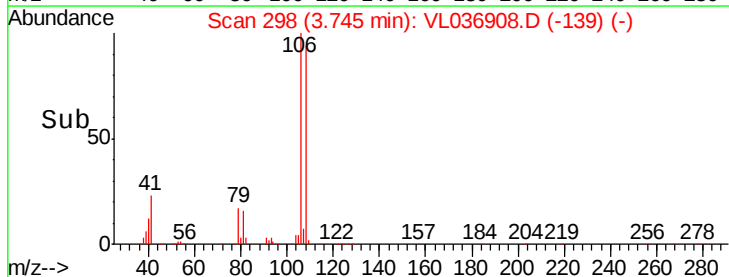
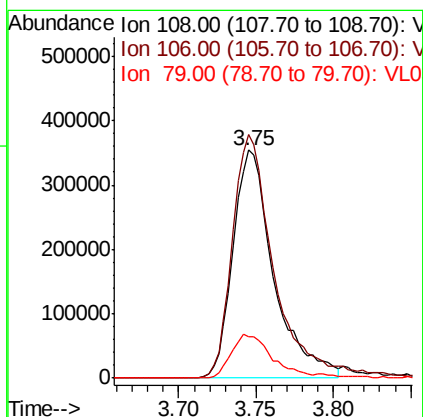
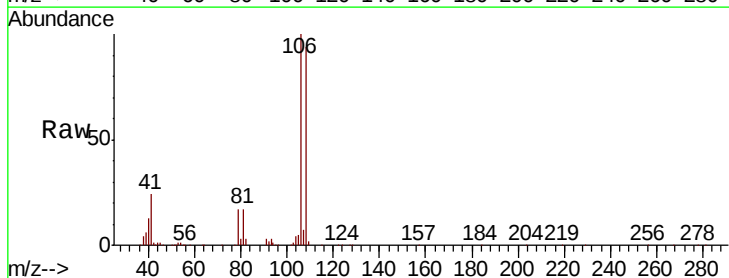
#13
 Ethanol
 Concen: 5.475 ppbv
 RT: 3.62
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VL0506ABS01
 Acq: 6 May 2021 17:57

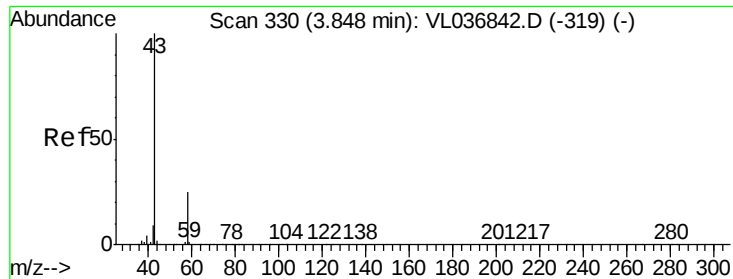
Tot Ion: 45 Resp: 58005
 Ion Ratio Lower Upper
 45 100
 46 0.0 16.8 67.4#



#14
 Bromoethene
 Concen: 11.292 ppbv
 RT: 3.75 min Scan# 298
 Delta R.T. 0.01 min
 Lab File: VL036908.D
 Acq: 6 May 2021 17:57

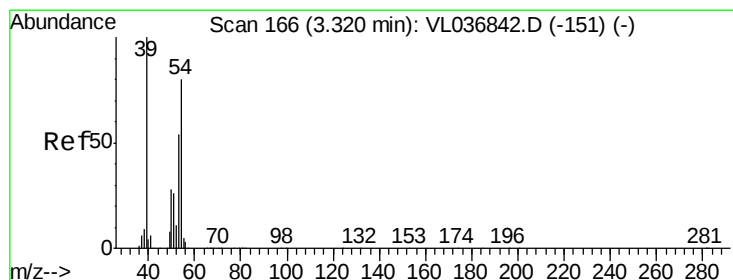
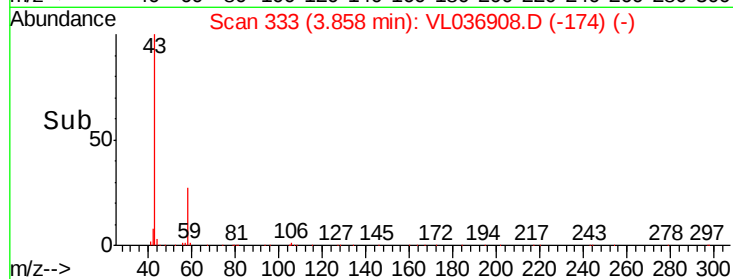
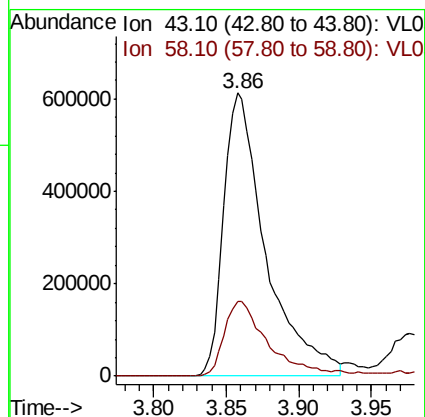
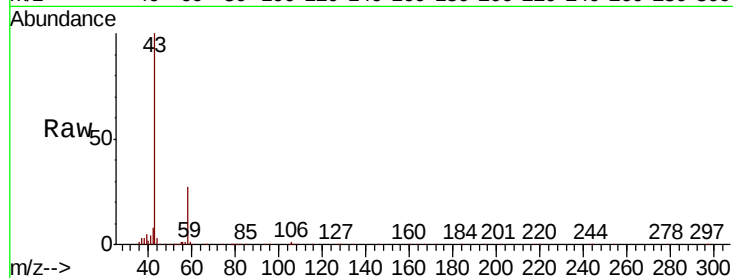
Tgt Ion: 108 Resp: 649624
 Ion Ratio Lower Upper
 108 100
 106 111.0 88.5 132.7
 79 21.5 17.9 26.9





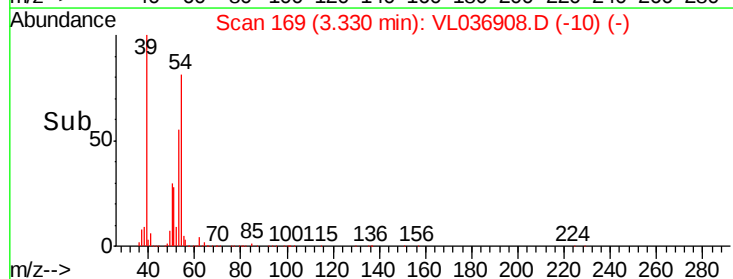
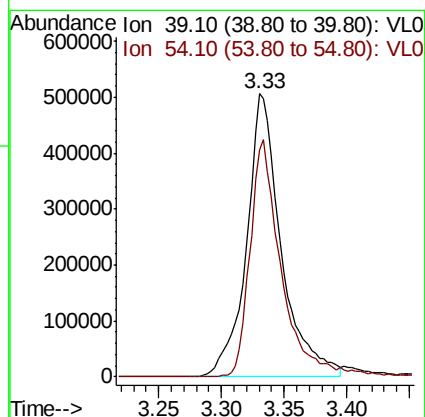
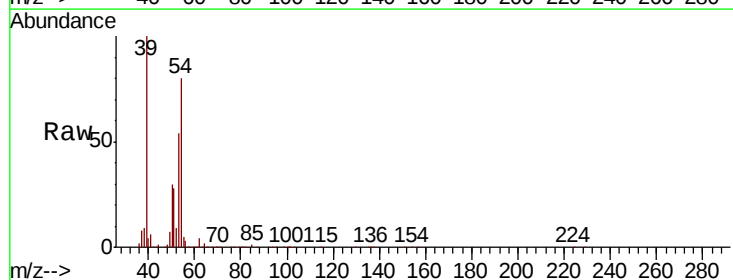
#15
Acetone
Concen: 8.770 ppbv
RT: 3.86
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 6 May 2021 17:57

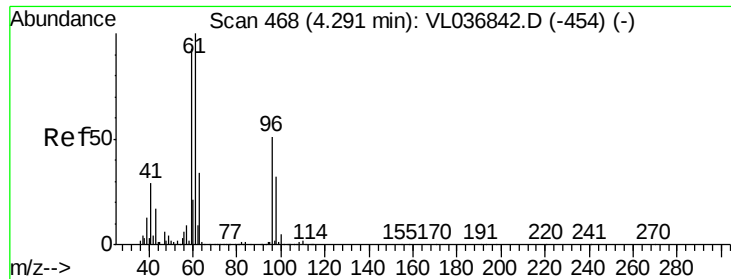
Tot Ion: 43 Resp: 1237067
Ion Ratio Lower Upper
43 100
58 28.0 21.7 32.5



#16
1,3-Butadiene
Concen: 10.807 ppbv
RT: 3.33 min Scan# 169
Delta R.T. 0.01 min
Lab File: VL036908.D
Acq: 6 May 2021 17:57

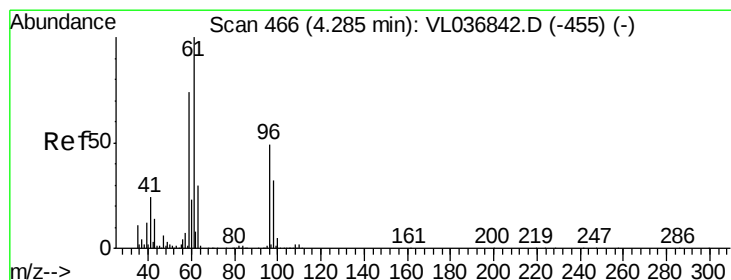
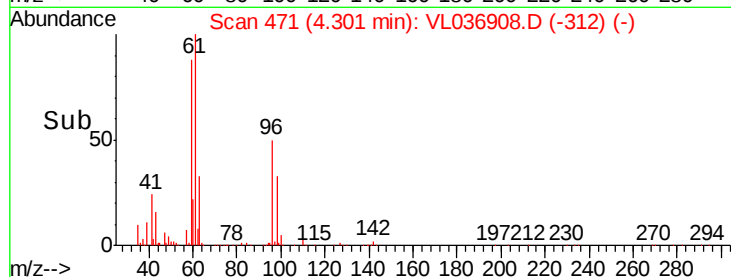
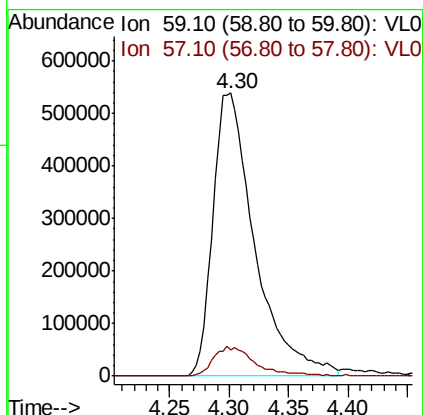
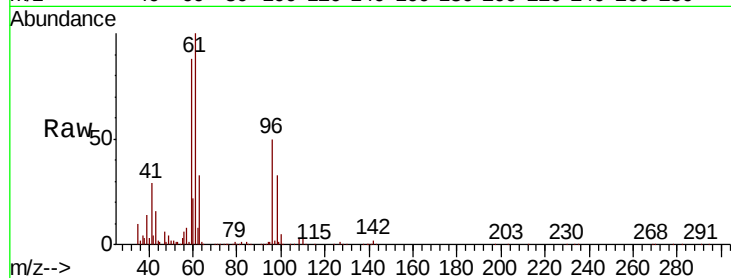
Tgt Ion: 39 Resp: 974803
Ion Ratio Lower Upper
39 100
54 76.9 59.6 89.4





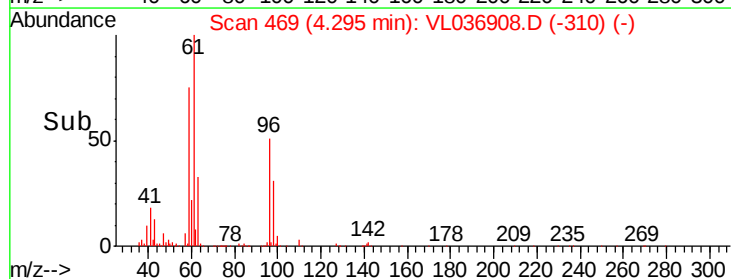
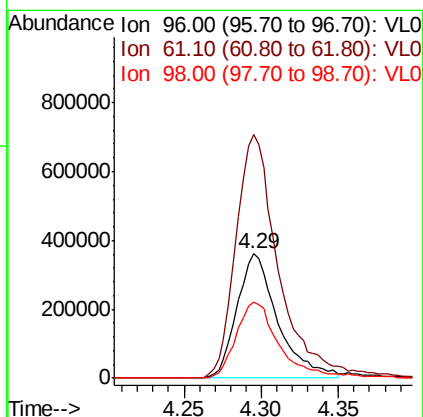
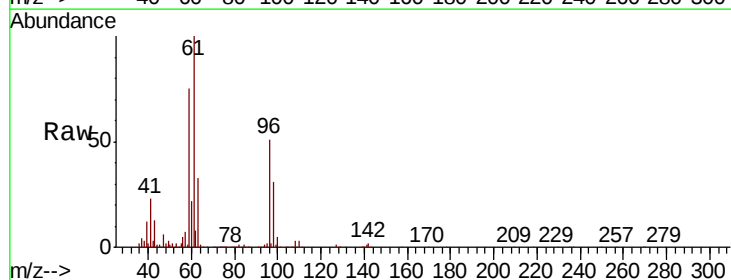
#17
tert-Butyl alcohol
Concen: 11.466 ppbv
RT: 4.30
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId : VL0506ABS01
Acq: 6 May 2021 17:57

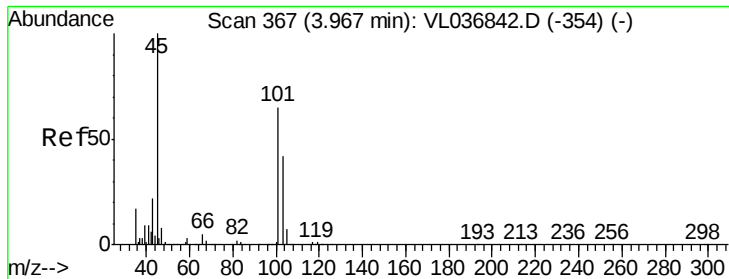
Tot Ion: 59 Resp: 1312799
Ion Ratio Lower Upper
59 100
57 10.5 8.3 12.5



#18
1,1-Dichloroethene
Concen: 10.832 ppbv
RT: 4.29 min Scan# 469
Delta R.T.: 0.01 min
Lab File: VL036908.D
Acq: 6 May 2021 17:57

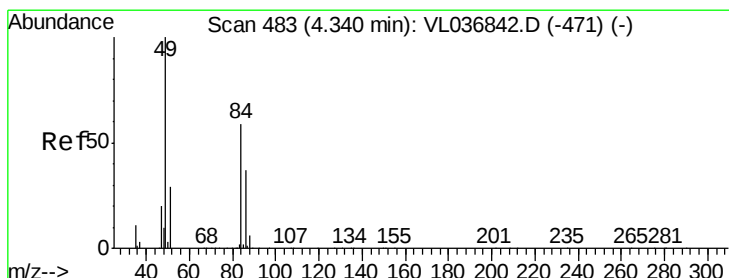
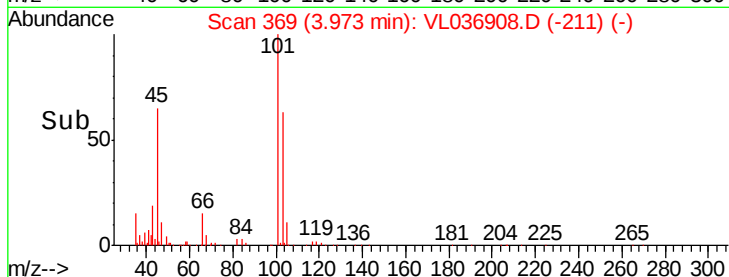
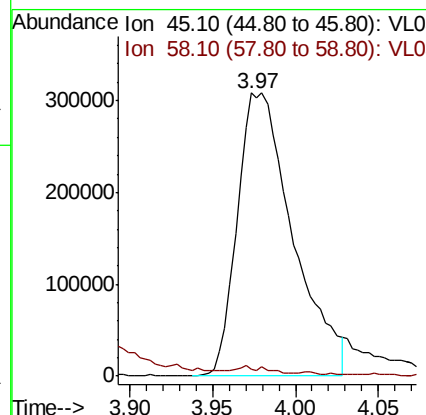
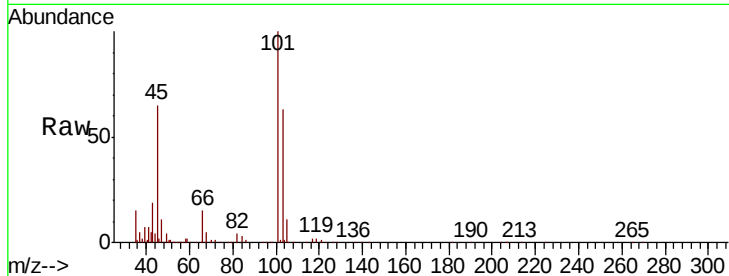
Tgt Ion: 96 Resp: 662891
Ion Ratio Lower Upper
96 100
61 195.9 162.2 243.2
98 60.8 51.8 77.6





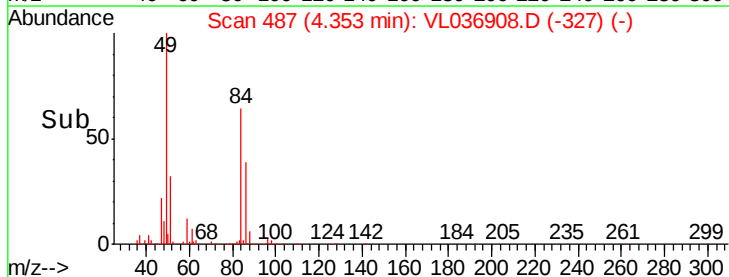
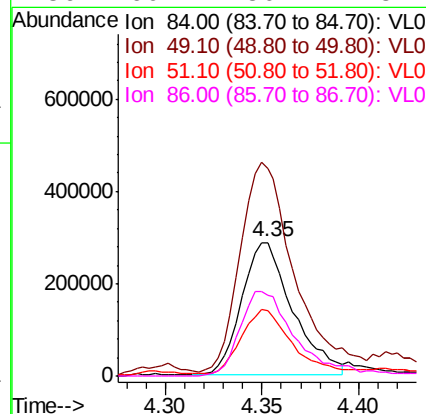
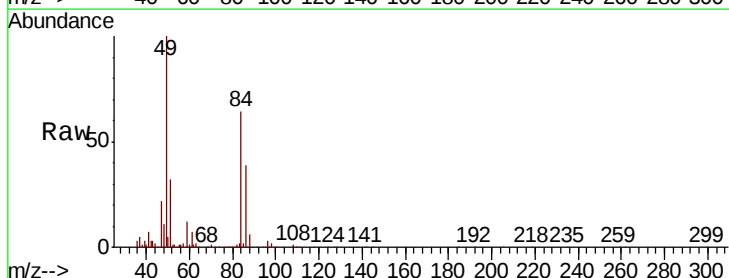
#19
Isopropyl Alcohol
Concen: 10.294 ppbv
RT: 3.97 min
Delta R.T. MSVOA.L
Lab File: ClientSampleId : VL0506ABS01
Acq: 6 May 2021 17:57

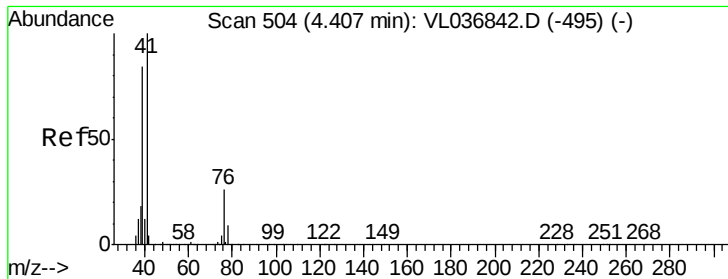
Tot Ion: 45 Resp: 719511
Ion Ratio Lower Upper
45 100
58 2.7 2.8 4.2#



#20
Methylene Chloride
Concen: 7.849 ppbv
RT: 4.35 min Scan# 487
Delta R.T. 0.01 min
Lab File: VL036908.D
Acq: 6 May 2021 17:57

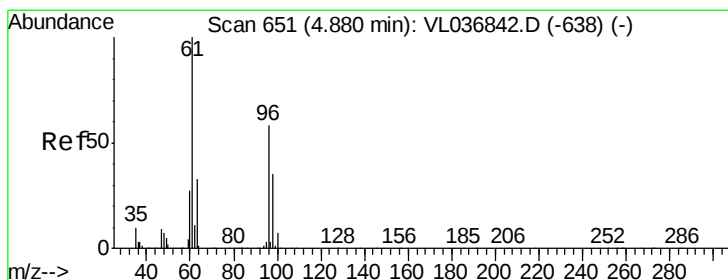
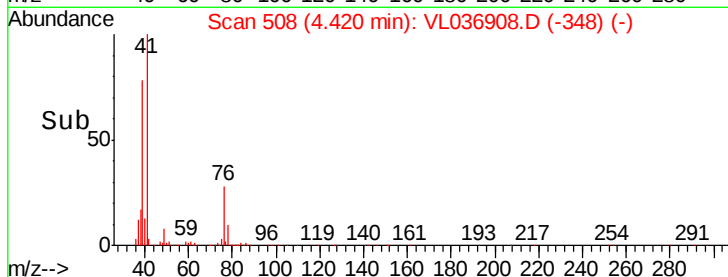
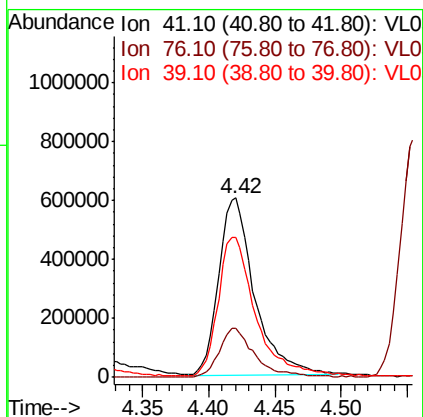
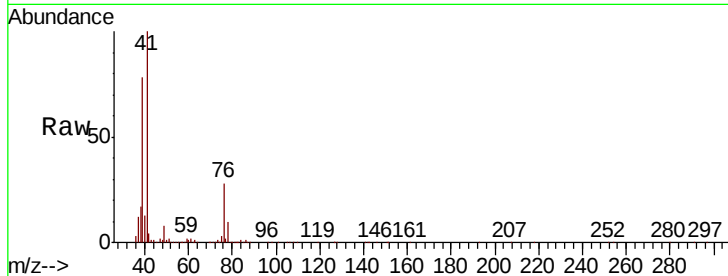
Tgt Ion: 84 Resp: 529447
Ion Ratio Lower Upper
84 100
49 152.4 135.4 203.0
51 47.0 39.3 58.9
86 60.4 50.2 75.2





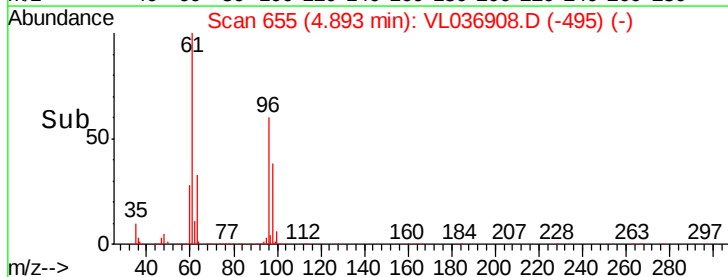
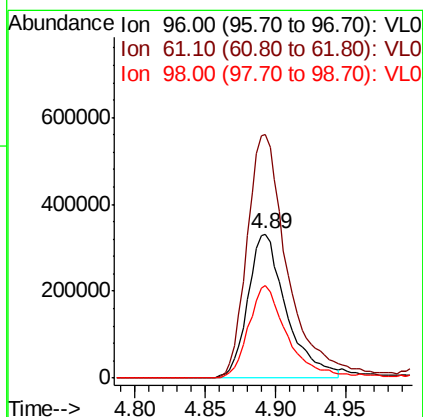
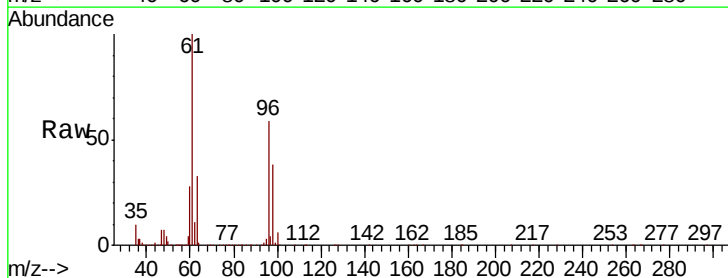
#21
 Allvl Chloride
 Concen: 10.785 ppbv
 RT: 4.42
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId : VL0506ABS01
 Acq: 6 May 2021 17:57

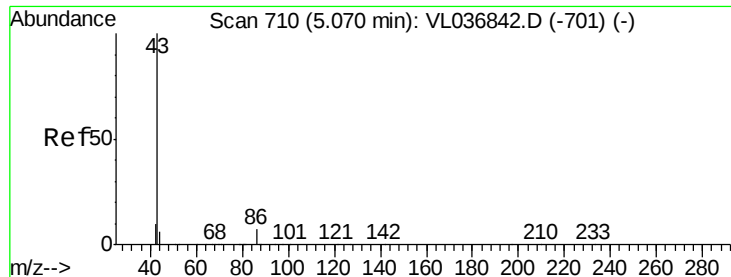
Tot Ion: 41 Resp: 1130527
 Ion Ratio Lower Upper
 41 100
 76 28.0 22.4 33.6
 39 82.1 68.4 102.6



#22
 trans-1,2-Dichloroethene
 Concen: 10.316 ppbv
 RT: 4.89 min Scan# 655
 Delta R.T. 0.01 min
 Lab File: VL036908.D
 Acq: 6 May 2021 17:57

Tgt Ion: 96 Resp: 633549
 Ion Ratio Lower Upper
 96 100
 61 168.7 138.6 207.8
 98 64.1 48.1 72.1

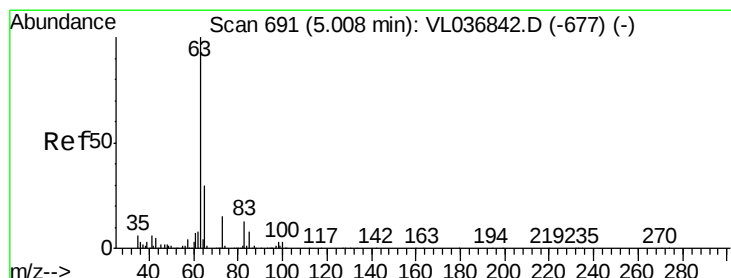
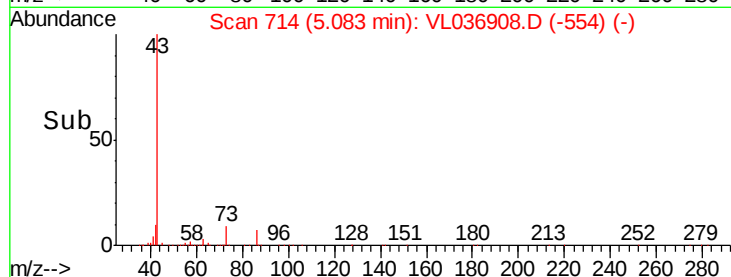
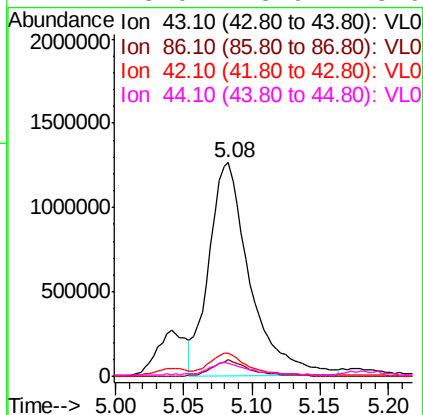
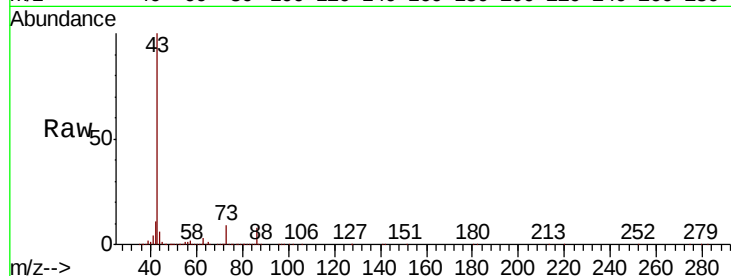




#23
 Vinyl Acetate
 Concen: 13.638 ppbv
 RT: 5.08
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VL0506ABS01
 Acq: 6 May 2021 17:57

Tot Ion: 43 Resp: 2616978

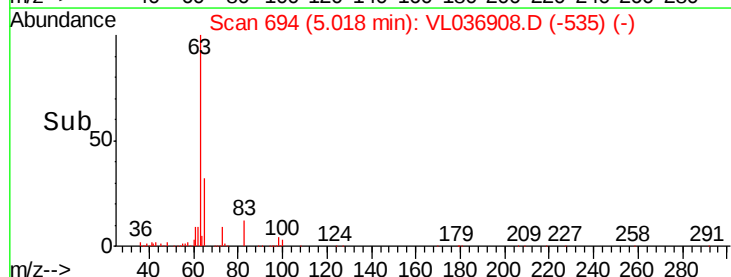
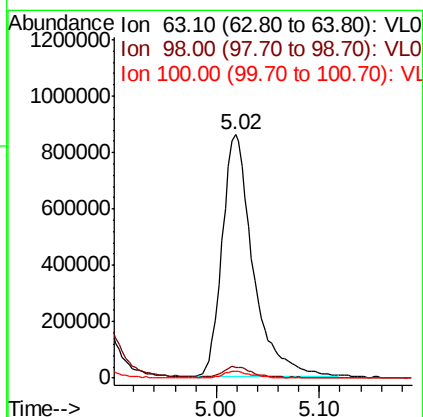
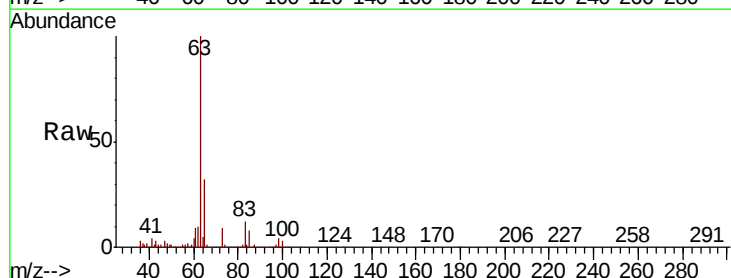
Ion	Ratio	Lower	Upper
43	100		
86	7.6	5.3	7.9
42	10.4	8.7	13.1
44	5.0	3.9	5.9

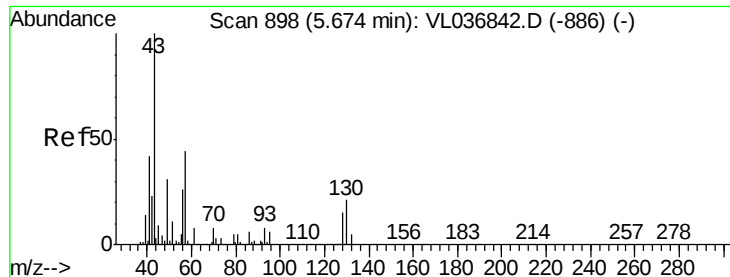


#24
 1,1-Dichloroethane
 Concen: 13.241 ppbv
 RT: 5.02 min Scan# 694
 Delta R.T. 0.01 min
 Lab File: VL036908.D
 Acq: 6 May 2021 17:57

Tgt Ion: 63 Resp: 1803574

Ion	Ratio	Lower	Upper
63	100		
98	4.3	1.7	5.1
100	2.6	1.3	3.8





#25

Ethyl Acetate

Concen: 10.426 ppbv

RT: 5.69

Delta R.T. MSVOA_L

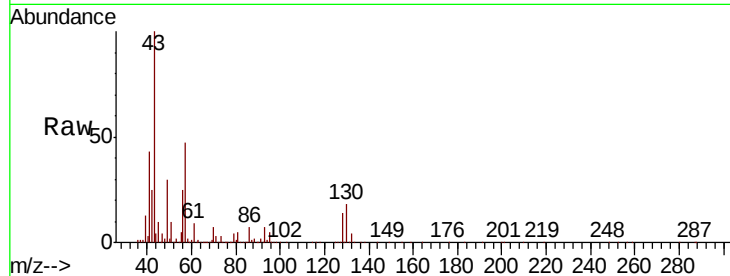
Lab File: ClientSampleId:

VL0506ABS01

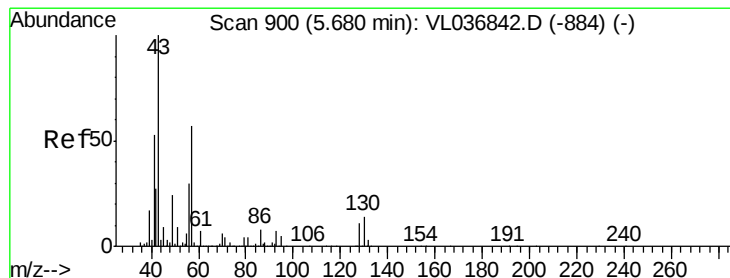
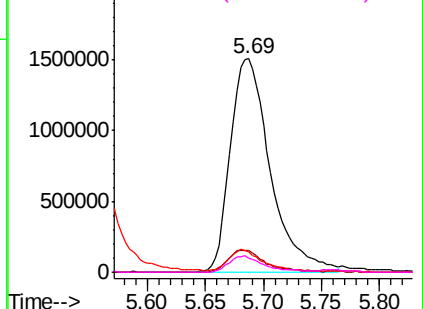
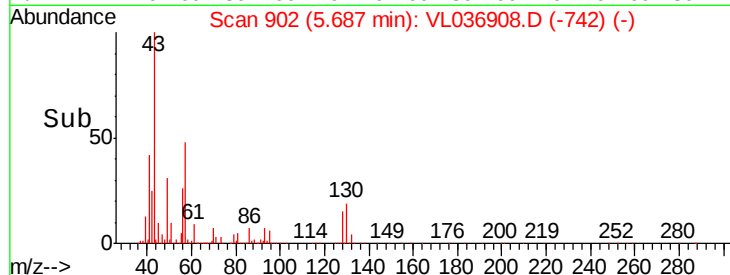
Acq: 6 May 2021 17:57

Tot Ion: 43 Resp: 3592427

Ion	Ratio	Lower	Upper
43	100		
45	9.9	7.8	11.8
61	9.8	7.4	11.0
70	6.6	5.4	8.0



Abundance Ion 43.10 (42.80 to 43.80): VL0
 Ion 45.10 (44.80 to 45.80): VL0
 Ion 61.10 (60.80 to 61.80): VL0
 Ion 70.10 (69.80 to 70.80): VL0



#26

Hexane

Concen: 10.569 ppbv

RT: 5.70 min Scan# 905

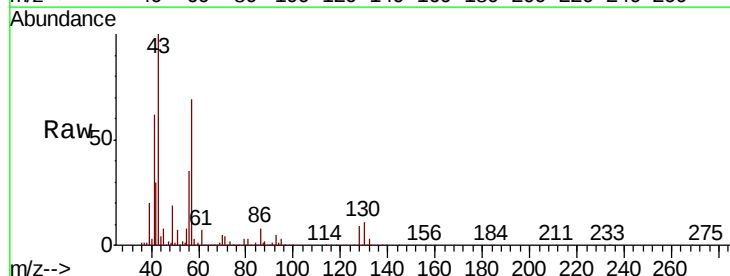
Delta R.T. 0.02 min

Lab File: VL036908.D

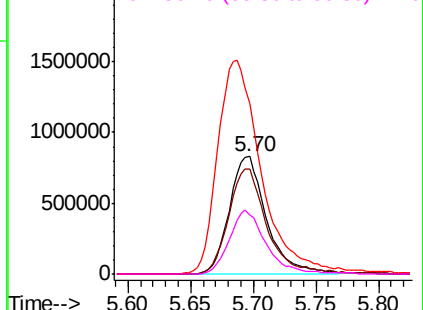
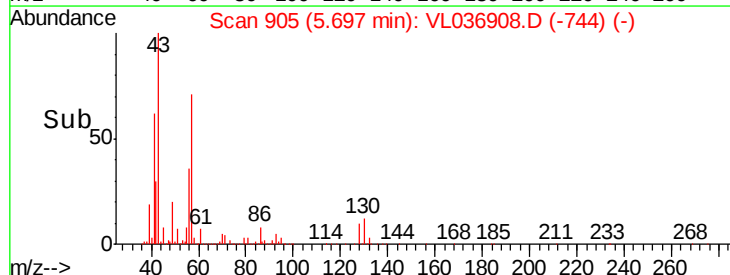
Acq: 6 May 2021 17:57

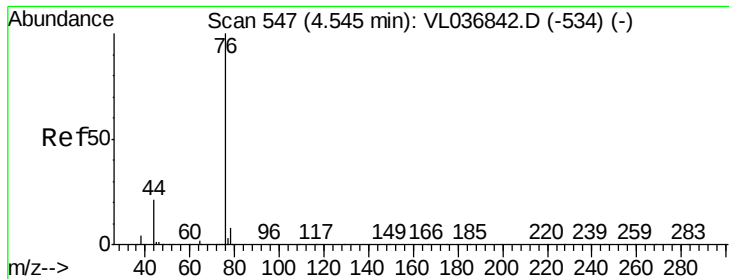
Tgt Ion: 57 Resp: 1703880

Ion	Ratio	Lower	Upper
57	100		
41	93.1	77.7	116.5
43	216.6	180.5	270.7
56	54.2	44.6	66.8



Abundance Ion 57.10 (56.80 to 57.80): VL0
 Ion 41.10 (40.80 to 41.80): VL0
 Ion 43.10 (42.80 to 43.80): VL0
 Ion 56.10 (55.80 to 56.80): VL0





#27

Carbon Disulfide

Concen: 11.800 ppbv

RT: 4.56 Instrument: MSVOA_1

Delta R.T.

Lab File: ClientSampleId:

Acq: 6 May 2021 17:57

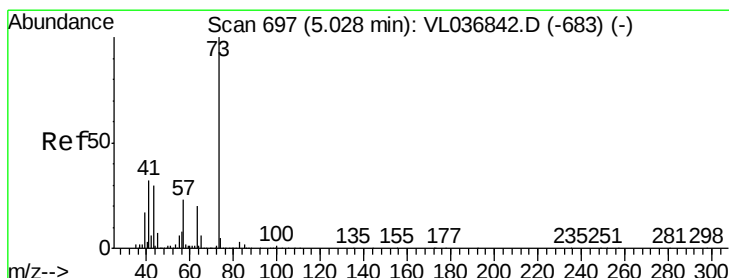
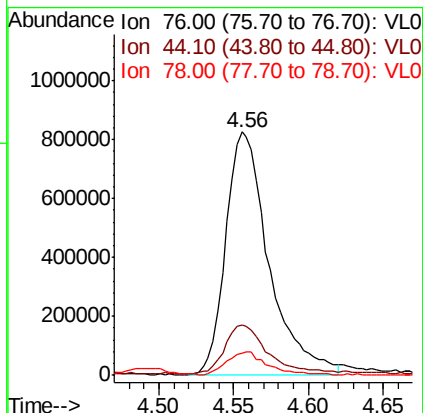
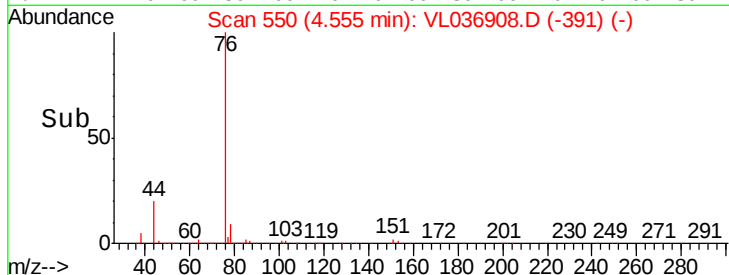
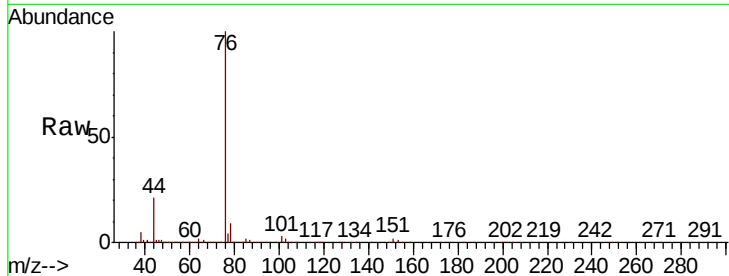
Tot Ion: 76 Resp: 1652362

Ion Ratio Lower Upper

76 100

44 20.7 16.9 25.3

78 10.0 7.9 11.9



#28

Methyl tert-Butyl Ether

Concen: 13.845 ppbv

RT: 5.04 min Scan# 702

Delta R.T. 0.02 min

Lab File: VL036908.D

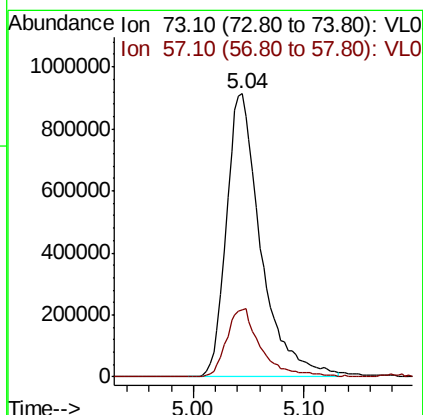
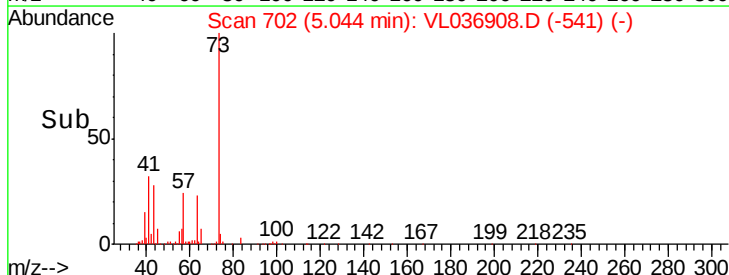
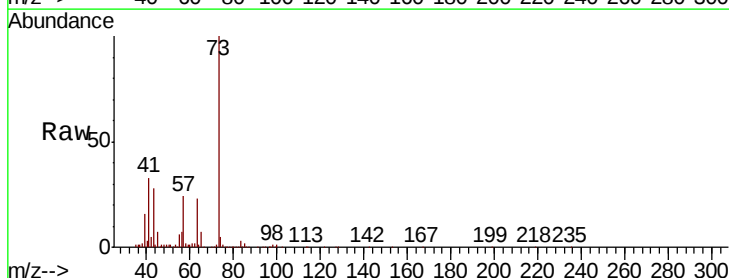
Acq: 6 May 2021 17:57

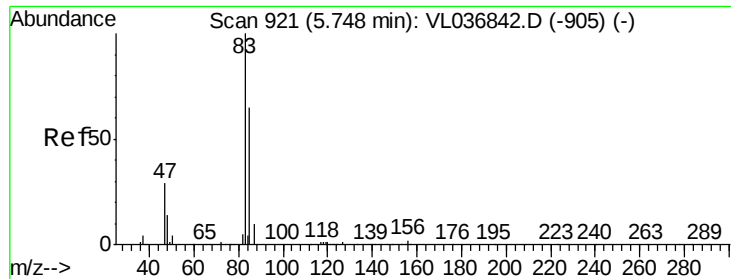
Tgt Ion: 73 Resp: 1978388

Ion Ratio Lower Upper

73 100

57 24.0 19.0 28.6





#29

Chloroform

Concen: 10.682 ppbv

RT: 5.76 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

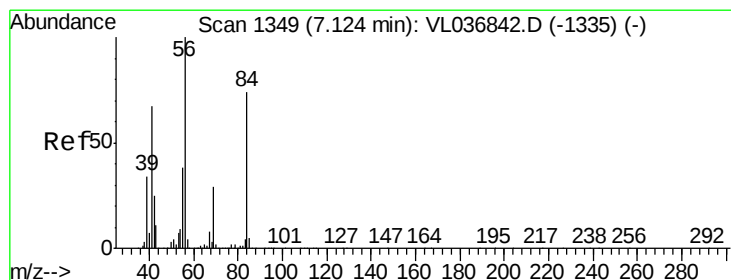
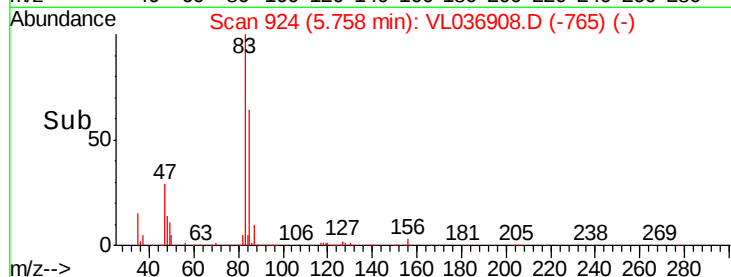
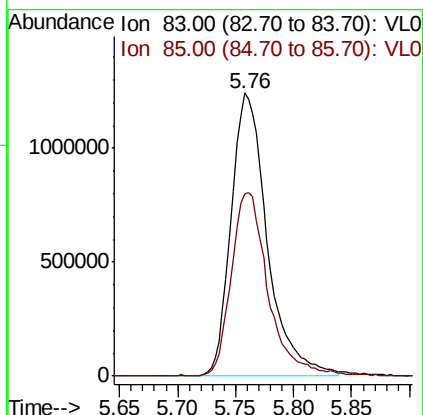
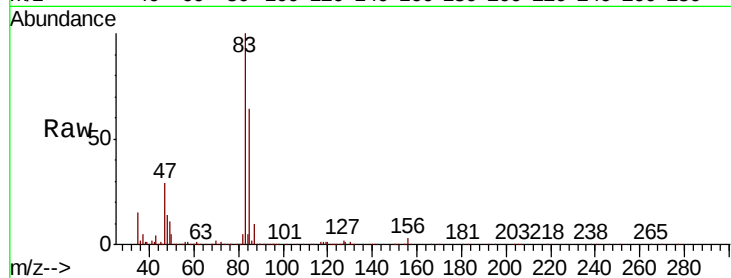
Acq: 6 May 2021 17:57

Tot Ion: 83 Resp: 2684706

Ion Ratio Lower Upper

83 100

85 64.0 52.2 78.4



#30

Cyclohexane

Concen: 11.305 ppbv

RT: 7.13 min Scan# 1352

Delta R.T. 0.01 min

Lab File: VL036908.D

Acq: 6 May 2021 17:57

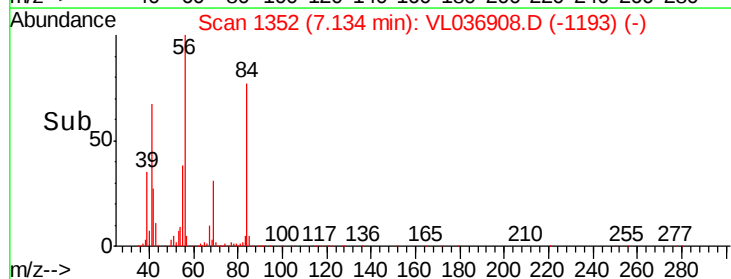
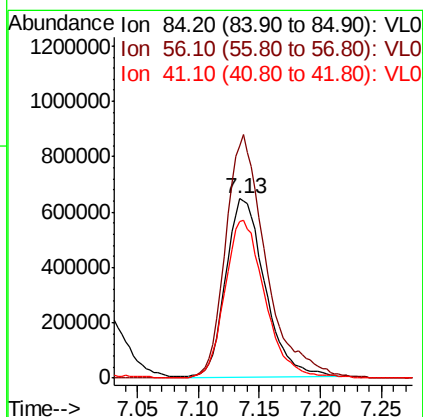
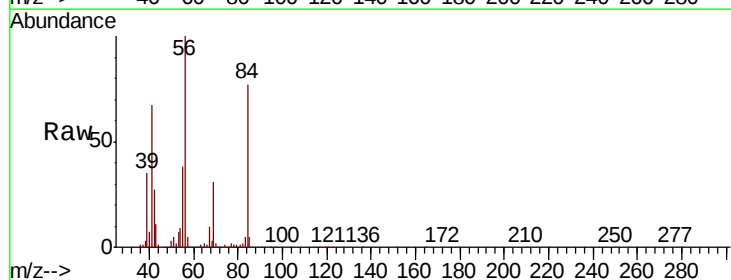
Tgt Ion: 84 Resp: 1445259

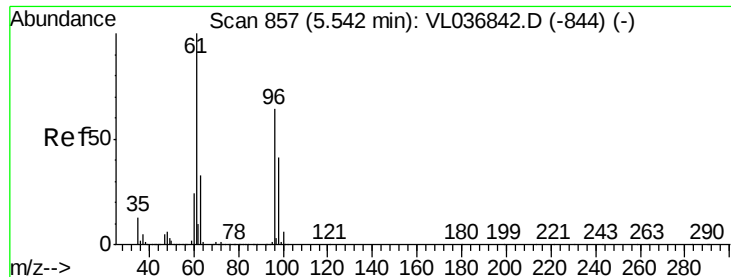
Ion Ratio Lower Upper

84 100

56 141.3 115.8 173.6

41 90.6 74.6 111.8





#31

cis-1,2-Dichloroethene

Concen: 11.822 ppbv

RT: 5.56 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

Acq: 6 May 2021 17:57

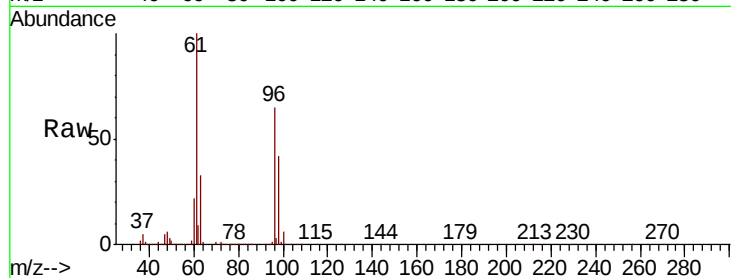
Tot Ion: 61 Resp: 1710675

Ion Ratio Lower Upper

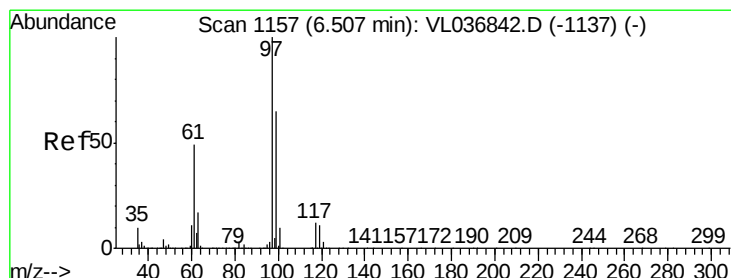
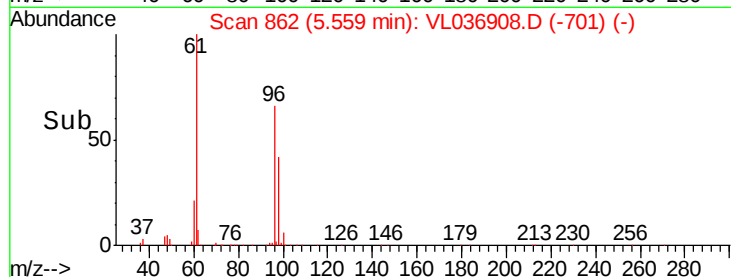
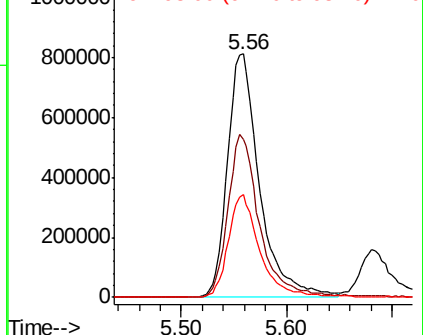
61 100

96 64.9 51.0 76.6

98 42.0 32.7 49.1



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



#32

1,1,1-Trichloroethane

Concen: 10.676 ppbv

RT: 6.52 min Scan# 1160

Delta R.T. 0.01 min

Lab File: VL036908.D

Acq: 6 May 2021 17:57

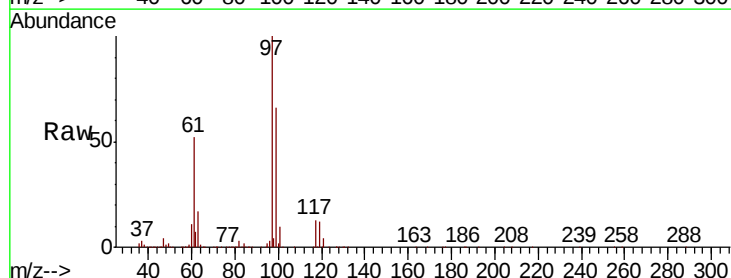
Tgt Ion: 97 Resp: 2728540

Ion Ratio Lower Upper

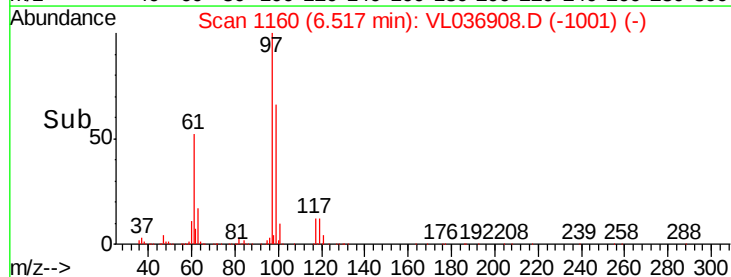
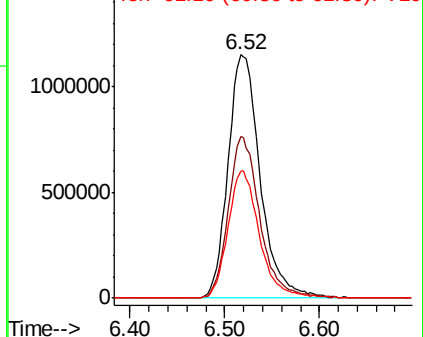
97 100

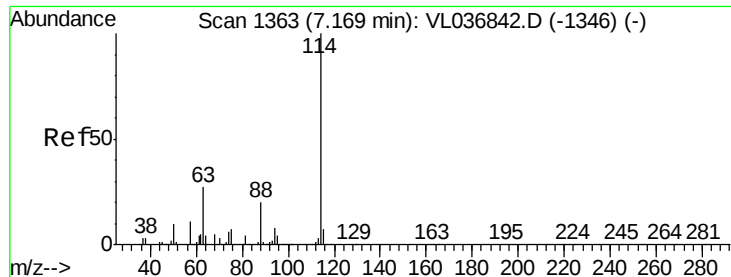
99 65.4 51.8 77.6

61 51.5 40.8 61.2



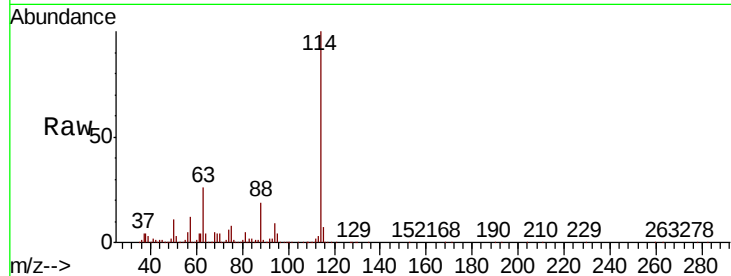
Abundance Ion 97.00 (96.70 to 97.70): VL0
Ion 99.00 (98.70 to 99.70): VL0
Ion 61.10 (60.80 to 61.80): VL0



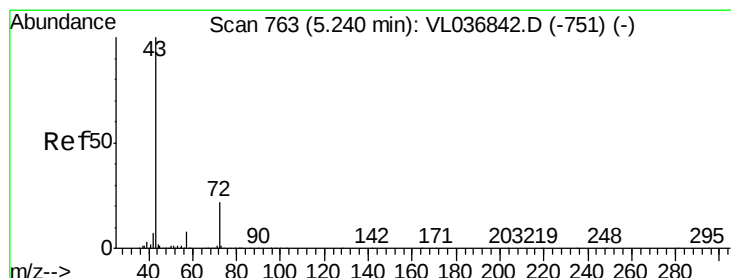
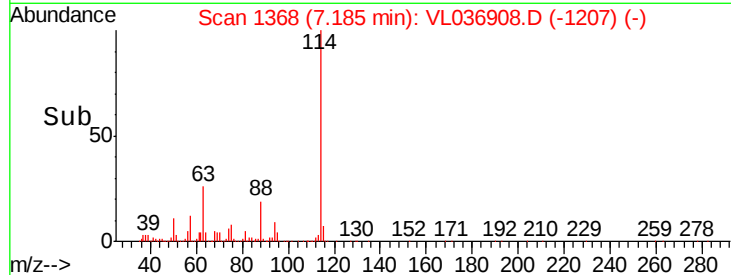
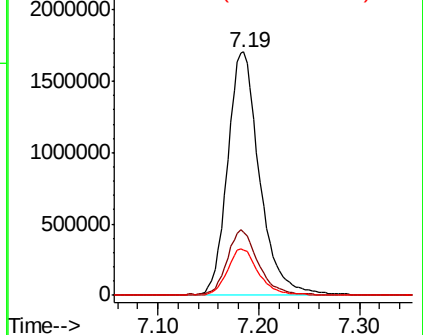


#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.19
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 VL0506ABS01
 Acq: 6 May 2021 17:57

Tot Ion:114 Resp: 3773615
 Ion Ratio Lower Upper
 114 100
 63 26.7 21.9 32.9
 88 18.7 15.1 22.7

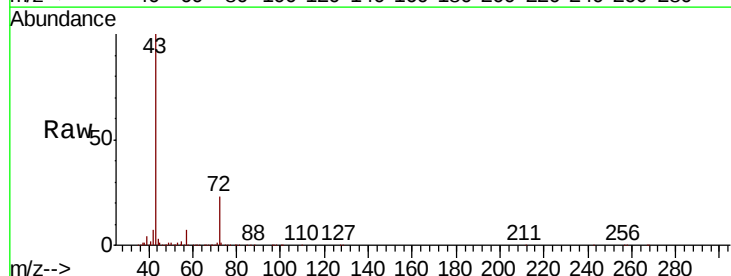


Abundance Ion 114.10 (113.80 to 114.80): VL0
 Ion 63.10 (62.80 to 63.80): VL0
 Ion 88.10 (87.80 to 88.80): VL0

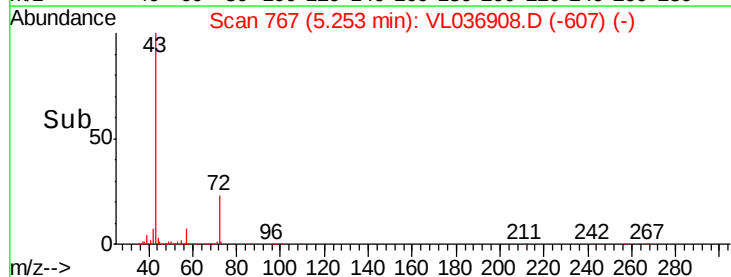
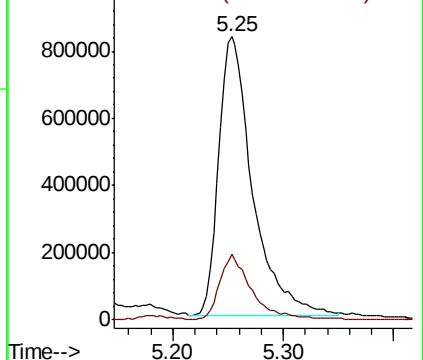


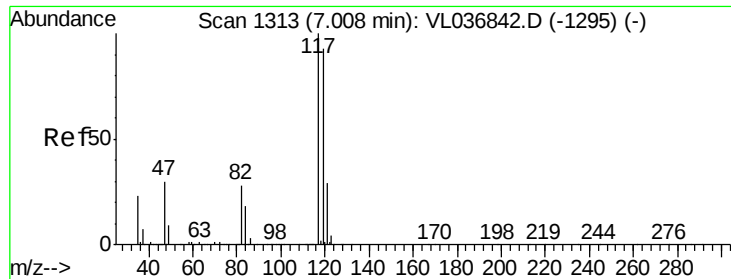
#34
 2-Butanone
 Concen: 10.753 ppbv
 RT: 5.25 min Scan# 767
 Delta R.T.: 0.01 min
 Lab File: VL036908.D
 Acq: 6 May 2021 17:57

Tgt Ion: 43 Resp: 1777444
 Ion Ratio Lower Upper
 43 100
 72 22.3 17.6 26.4



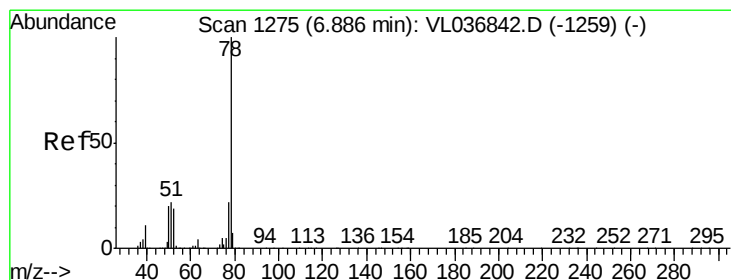
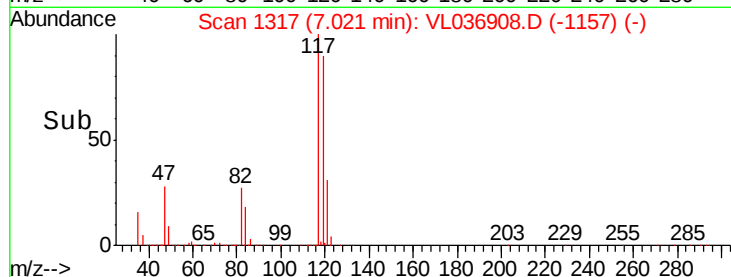
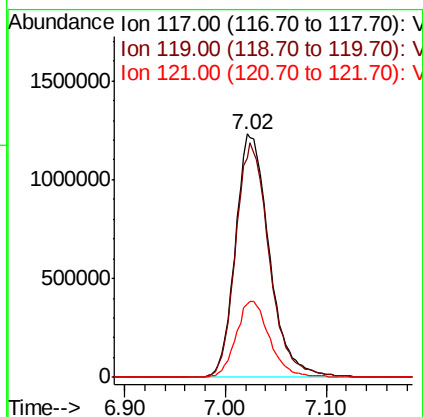
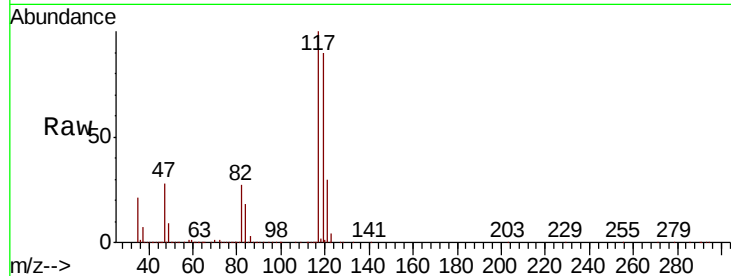
Abundance Ion 43.10 (42.80 to 43.80): VL0
 Ion 72.10 (71.80 to 72.80): VL0





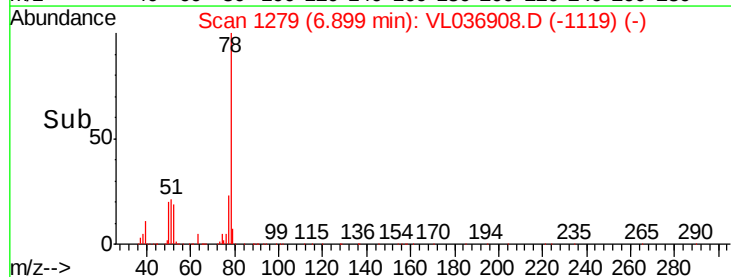
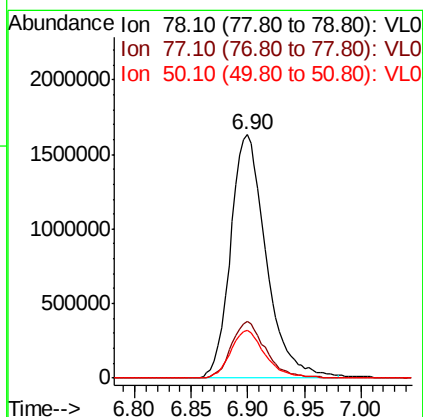
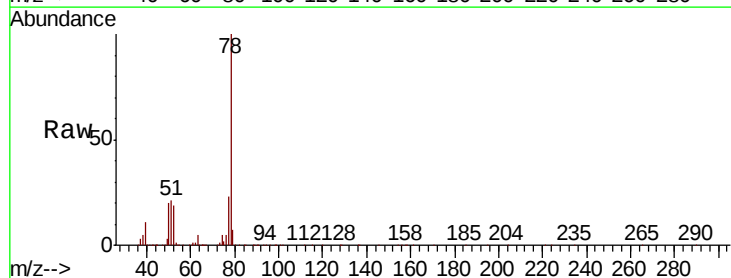
#35
Carbon Tetrachloride
Concen: 11.197 ppbv
RT: 7.02
Instrument: MSVOA_L
Delta R.T.:
Lab File: ClientSampleId : VL0506ABS01
Acq: 6 May 2021 17:57

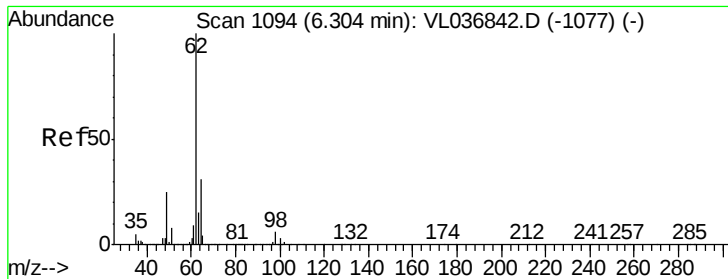
Tot Ion:117 Resp: 2867150
Ion Ratio Lower Upper
117 100
119 90.2 74.6 111.8
121 30.4 23.3 34.9



#36
Benzene
Concen: 11.245 ppbv
RT: 6.90 min Scan# 1279
Delta R.T. 0.01 min
Lab File: VL036908.D
Acq: 6 May 2021 17:57

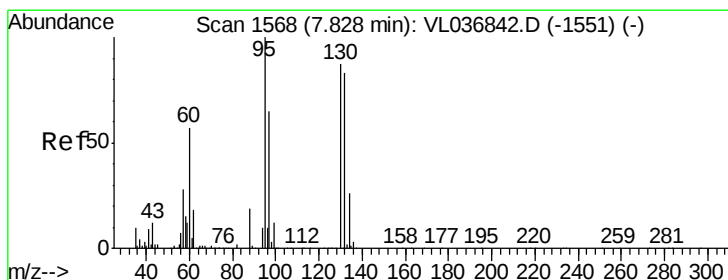
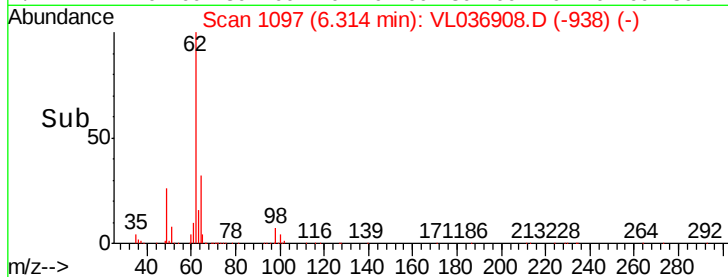
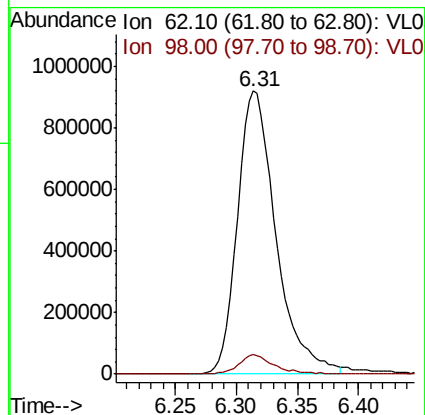
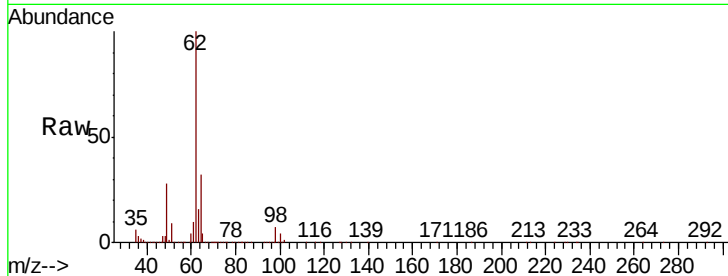
Tgt Ion: 78 Resp: 3575401
Ion Ratio Lower Upper
78 100
77 23.3 17.6 26.4
50 19.5 16.3 24.5





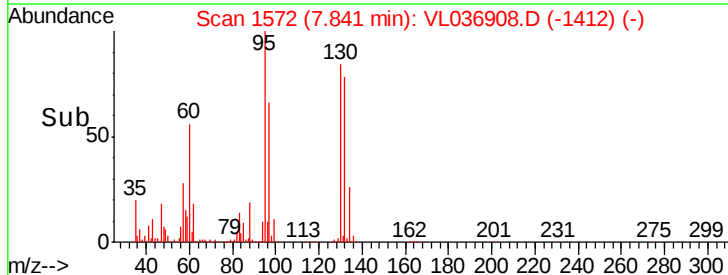
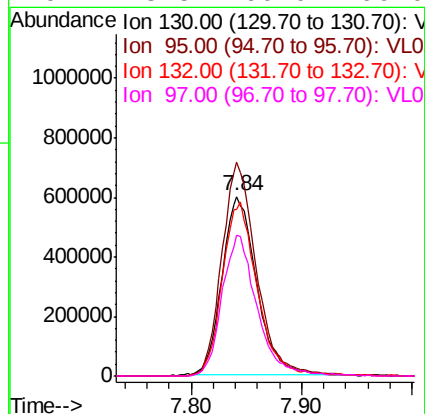
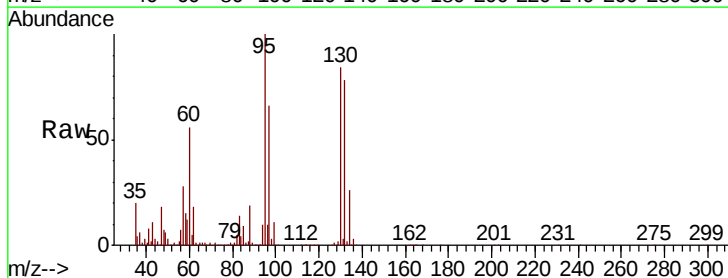
#37
 1,2-Dichloroethane
 Concen: 11.169 ppbv
 RT: 6.31
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VL0506ABS01
 Acq: 6 May 2021 17:57

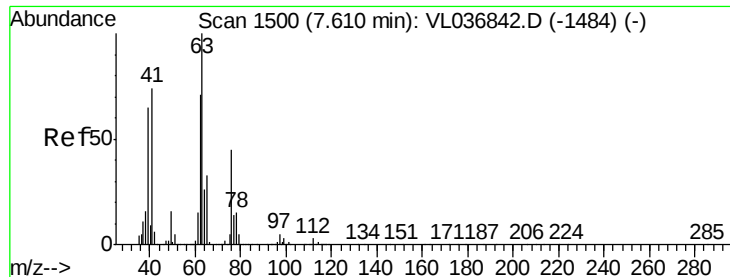
Tot Ion: 62 Resp: 2010861
 Ion Ratio Lower Upper
 62 100
 98 6.5 4.8 7.2



#38
 Trichloroethene
 Concen: 11.530 ppbv
 RT: 7.84 min Scan# 1572
 Delta R.T. 0.01 min
 Lab File: VL036908.D
 Acq: 6 May 2021 17:57

Tgt Ion:130 Resp: 1305245
 Ion Ratio Lower Upper
 130 100
 95 119.2 92.3 138.5
 132 93.2 76.8 115.2
 97 78.5 60.0 90.0

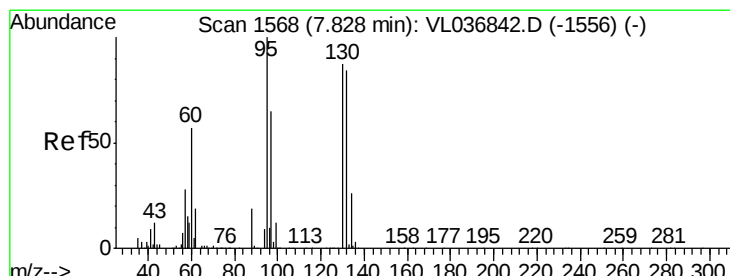
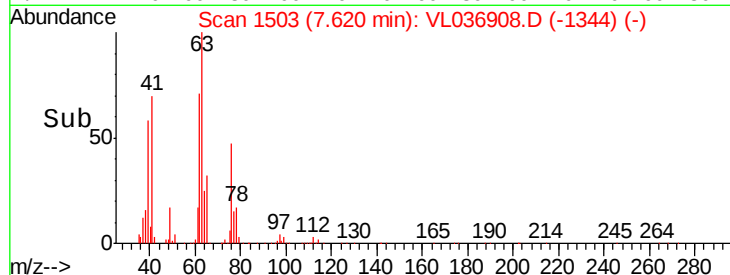
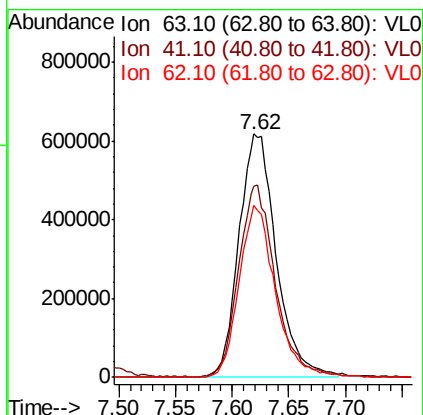
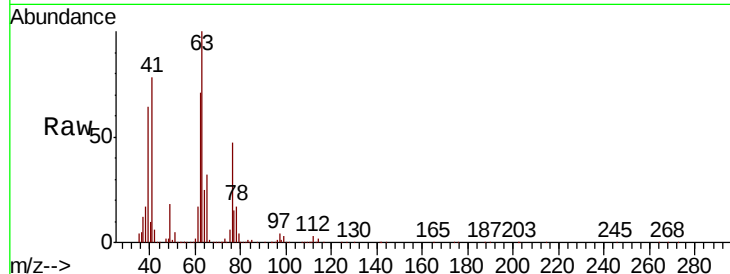




#39
 1,2-Dichloropropane
 Concen: 11.141 ppbv
 RT: 7.62
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VL0506ABS01
 Acq: 6 May 2021 17:57

Tot Ion: 63 Resp: 1419112

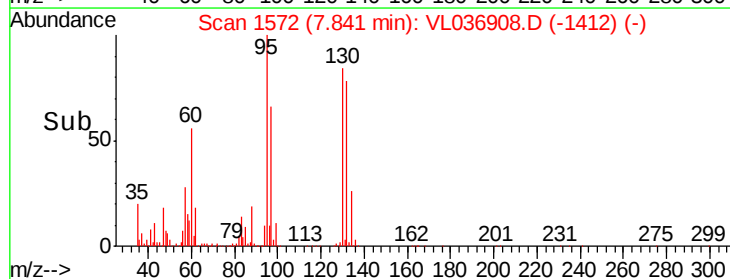
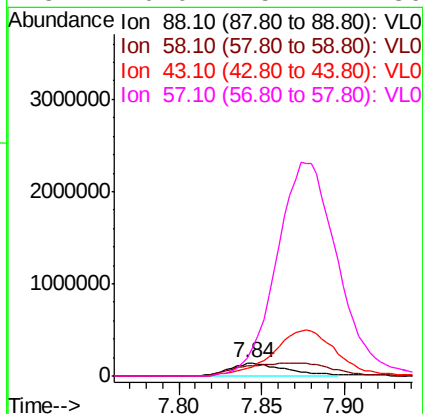
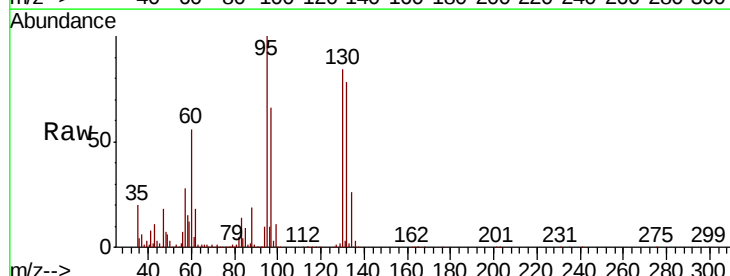
Ion	Ratio	Lower	Upper
63	100		
41	78.2	59.1	88.7
62	70.8	56.9	85.3

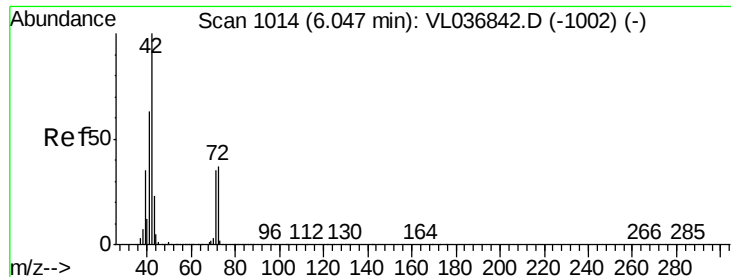


#40
 1,4-Dioxane
 Concen: 10.439 ppbv
 RT: 7.84 min Scan# 1572
 Delta R.T. 0.01 min
 Lab File: VL036908.D
 Acq: 6 May 2021 17:57

Tgt Ion: 88 Resp: 321080

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#





#41

Tetrahydrofuran

Concen: 11.607 ppbv

RT: 6.06

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 6 May 2021 17:57

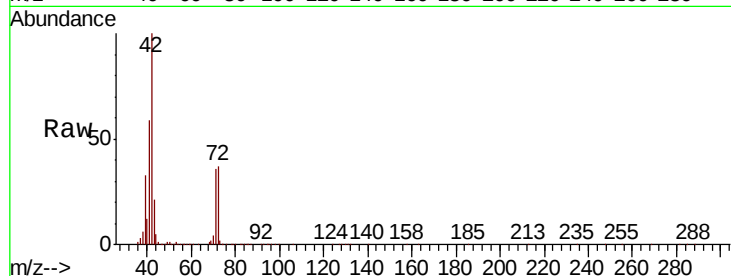
Tot Ion: 42 Resp: 839283

Ion Ratio Lower Upper

42 100

72 38.8 29.7 44.5

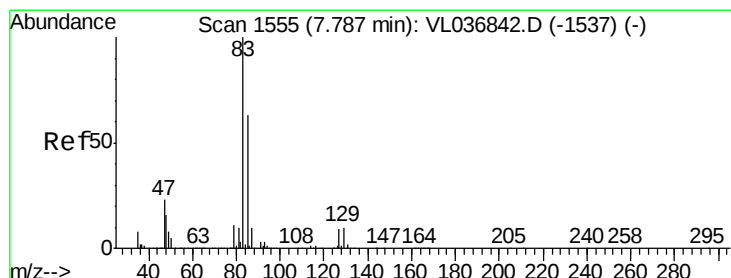
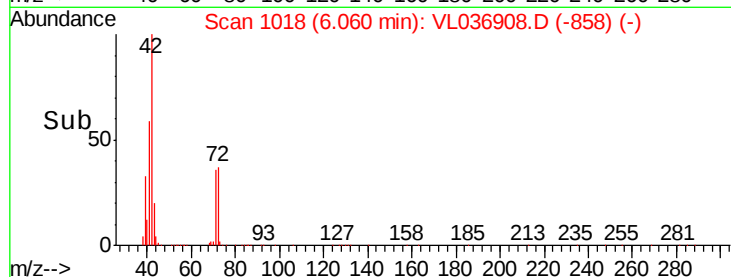
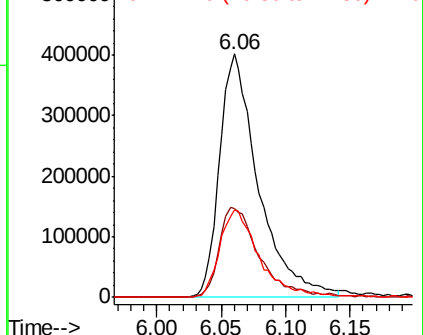
71 37.1 29.0 43.6



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: 11.893 ppbv

RT: 7.80 min Scan# 1559

Delta R.T. 0.01 min

Lab File: VL036908.D

Acq: 6 May 2021 17:57

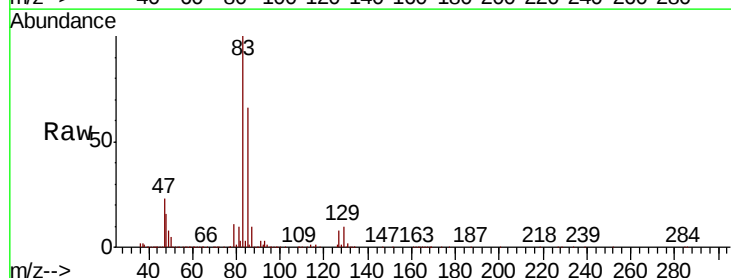
Tgt Ion: 83 Resp: 2975124

Ion Ratio Lower Upper

83 100

85 65.6 50.4 75.6

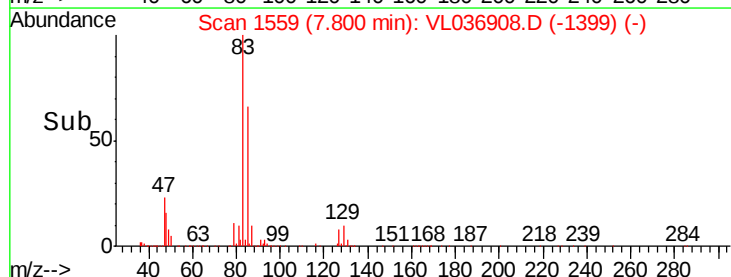
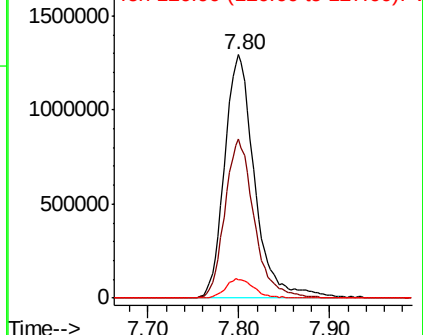
127 7.7 6.9 10.3

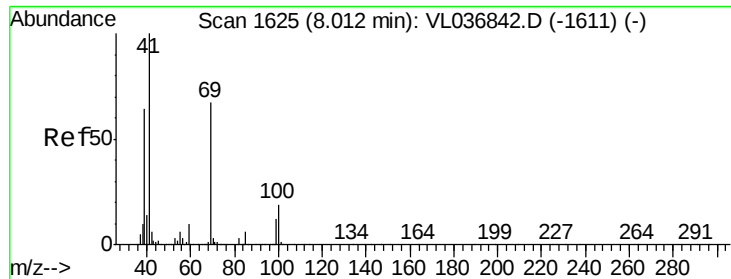


Abundance Ion 83.00 (82.70 to 83.70): VL0

Ion 85.00 (84.70 to 85.70): VL0

Ion 126.90 (126.60 to 127.60): V





#43

Methyl Methacrylate

Concen: 12.087 ppbv

RT: 8.02

Instrument: MSVOA_1

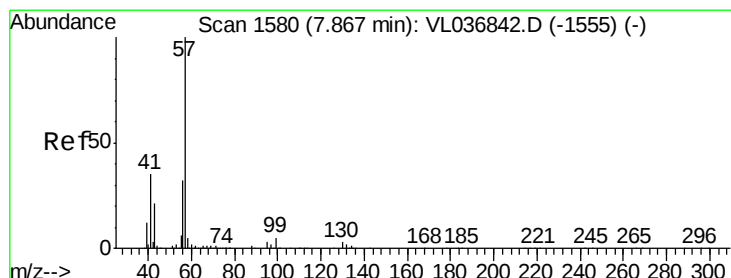
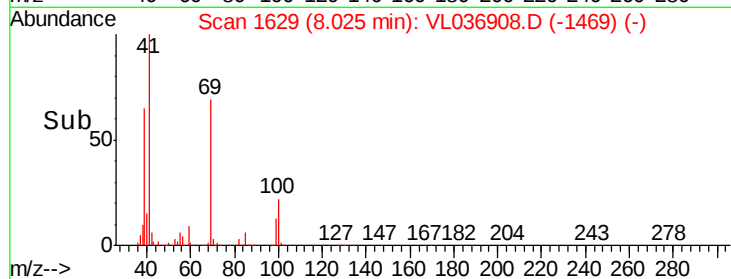
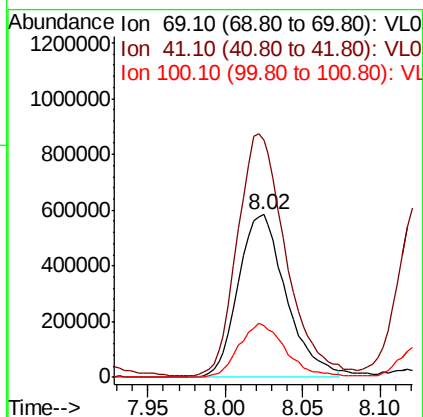
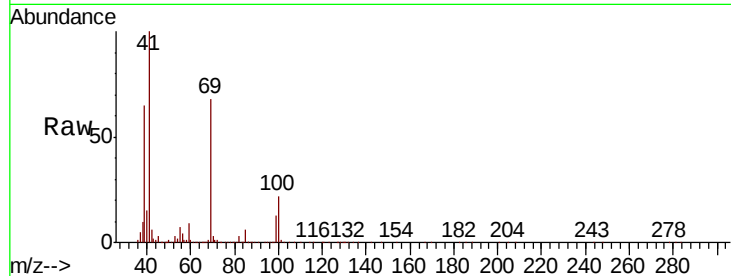
Delta R.T. ClientSampleId:

Lab File: VL0506ABS01

Acq: 6 May 2021 17:57

Tot Ion: 69 Resp: 1253952

Ion	Ratio	Lower	Upper
69	100		
41	153.2	124.2	186.4
100	32.8	25.5	38.3



#44

2,2,4-Trimethylpentane

Concen: 11.029 ppbv

RT: 7.87 min Scan# 1582

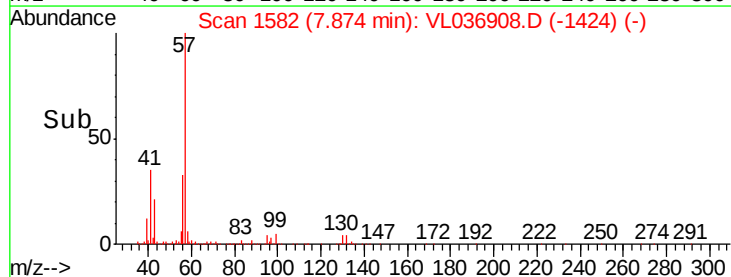
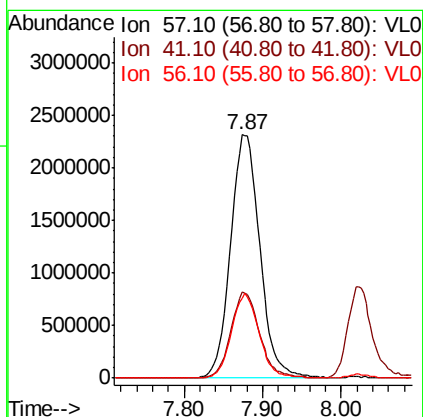
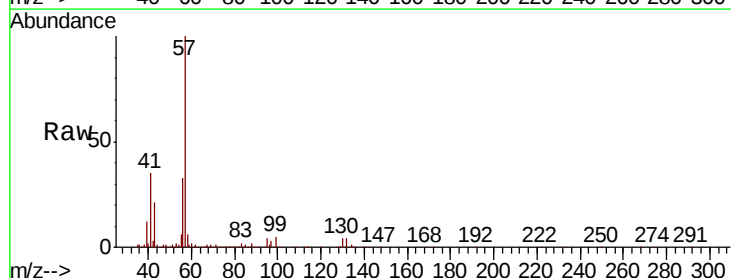
Delta R.T. 0.01 min

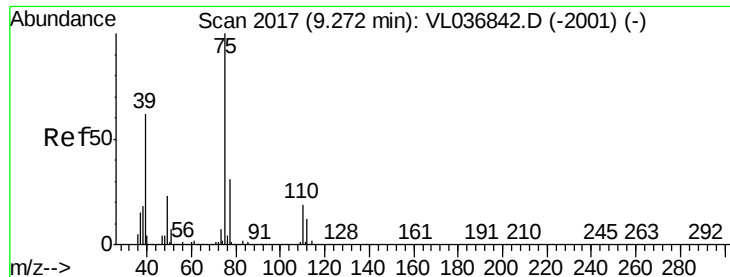
Lab File: VL036908.D

Acq: 6 May 2021 17:57

Tgt Ion: 57 Resp: 6009620

Ion	Ratio	Lower	Upper
57	100		
41	34.5	28.2	42.4
56	32.9	25.9	38.9





#45

t-1,3-Dichloropropene

Concen: 12.655 ppbv

RT: 9.28 Instrument: MSVOA_1

Delta R.T.

Lab File: ClientSampleId: VL0506ABS01

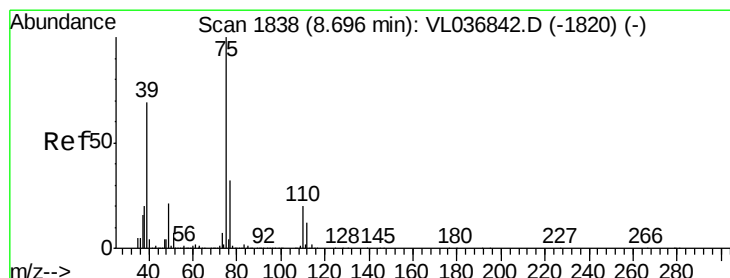
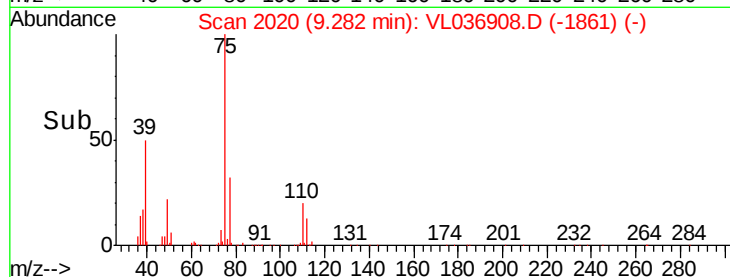
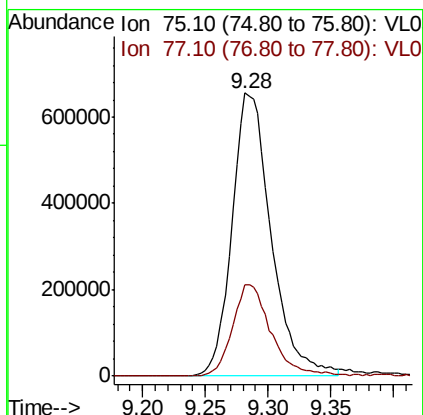
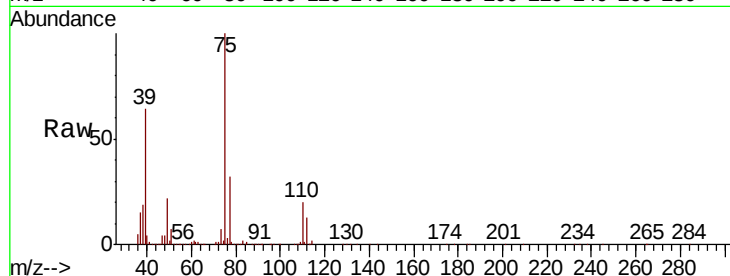
Acq: 6 May 2021 17:57

Tot Ion: 75 Resp: 1415327

Ion Ratio Lower Upper

75 100

77 32.1 24.6 37.0



#46

cis-1,3-Dichloropropene

Concen: 12.592 ppbv

RT: 8.71 min Scan# 1842

Delta R.T. 0.01 min

Lab File: VL036908.D

Acq: 6 May 2021 17:57

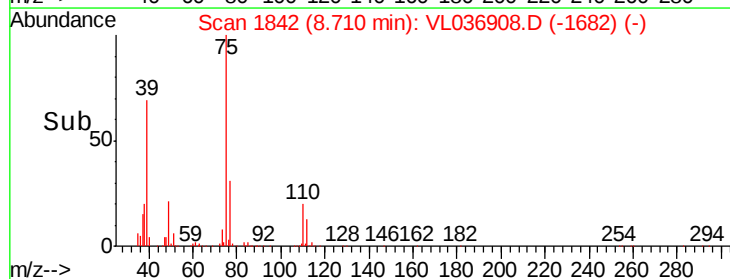
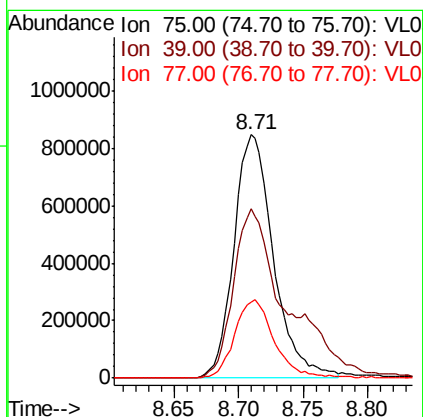
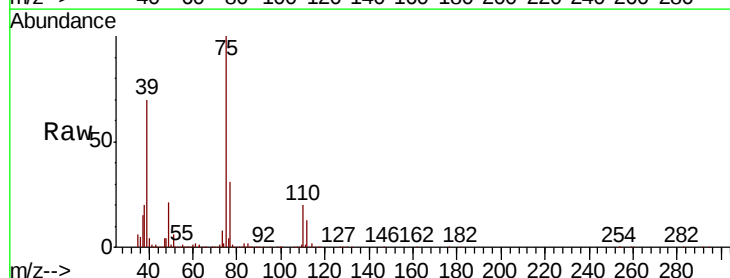
Tgt Ion: 75 Resp: 1805592

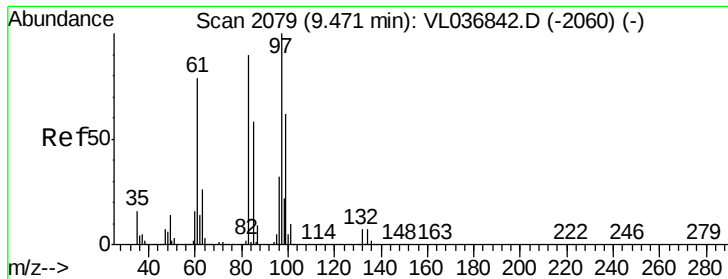
Ion Ratio Lower Upper

75 100

39 69.7 55.4 83.0

77 31.4 25.2 37.8

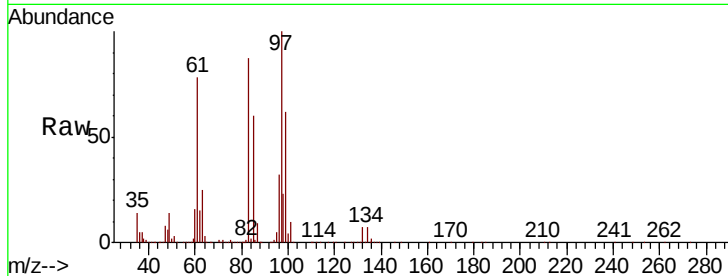




#47
 1,1,2-Trichloroethane
 Concen: 11.052 ppbv
 RT: 9.48
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId : VL0506ABS01
 Acq: 6 May 2021 17:57

Tot Ion: 97 Resp: 1457434

Ion	Ratio	Lower	Upper
97	100		
83	87.1	71.9	107.9
85	59.5	46.5	69.7
99	61.8	49.8	74.8



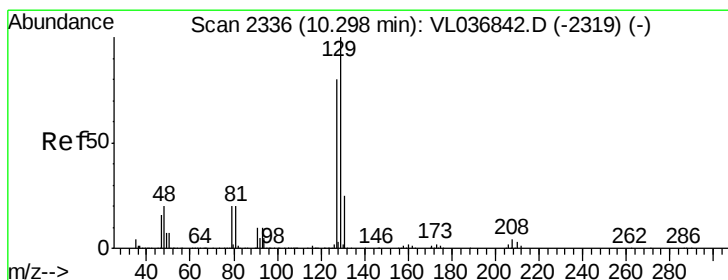
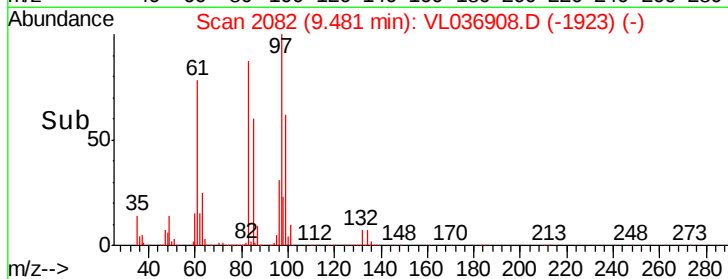
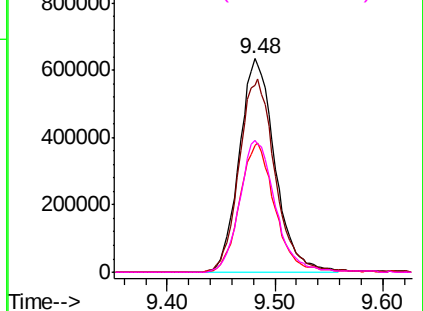
Abundance

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

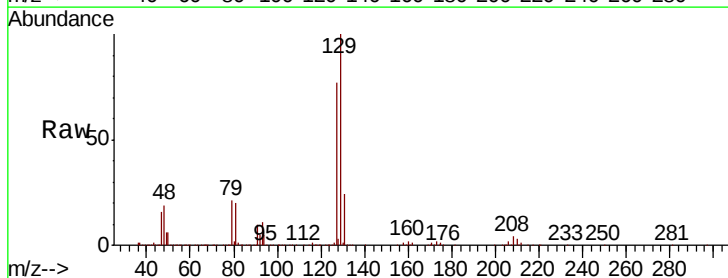
Ion 99.00 (98.70 to 99.70): VL0



#48
 Dibromochloromethane
 Concen: 12.131 ppbv
 RT: 10.31 min Scan# 2340
 Delta R.T.: 0.01 min
 Lab File: VL036908.D
 Acq: 6 May 2021 17:57

Tgt Ion: 129 Resp: 2370517

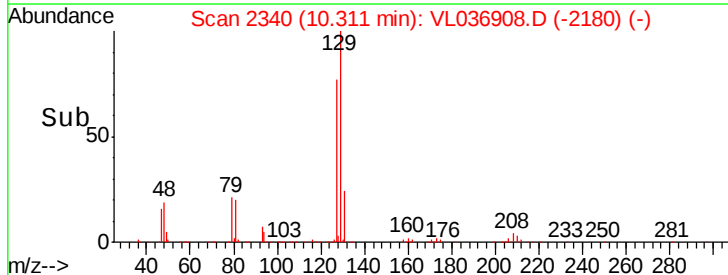
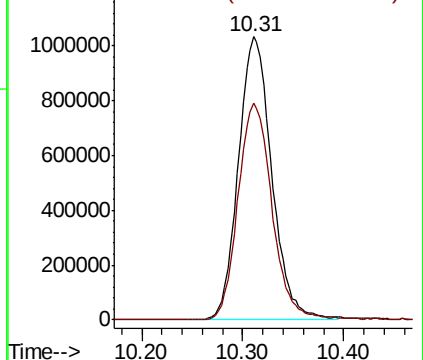
Ion	Ratio	Lower	Upper
129	100		
127	78.7	40.2	120.5

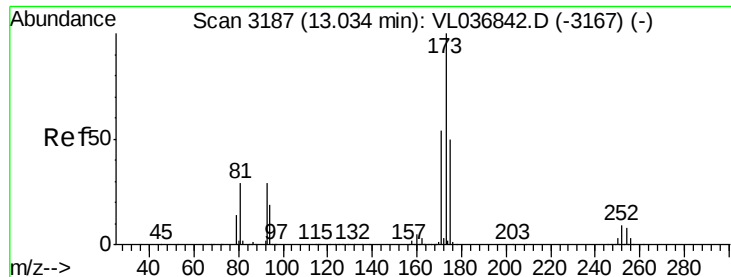


Abundance

Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V





#49

Bromoform

Concen: 12.162 ppbv

RT: 13.05

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

VL0506ABS01

Acq: 6 May 2021 17:57

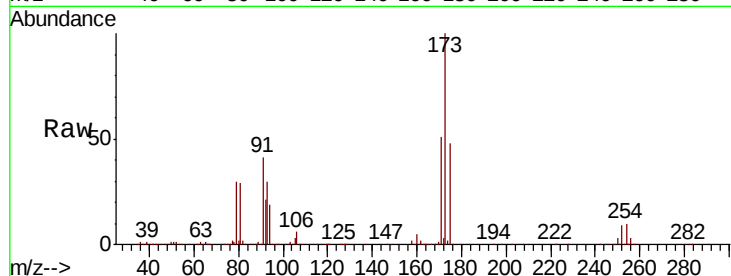
Tot Ion:173 Resp: 1897347

Ion Ratio Lower Upper

173 100

175 50.4 39.6 59.4

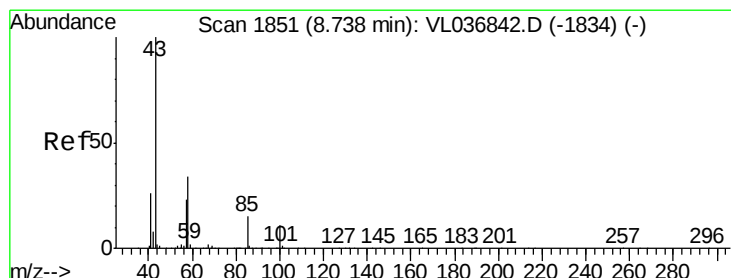
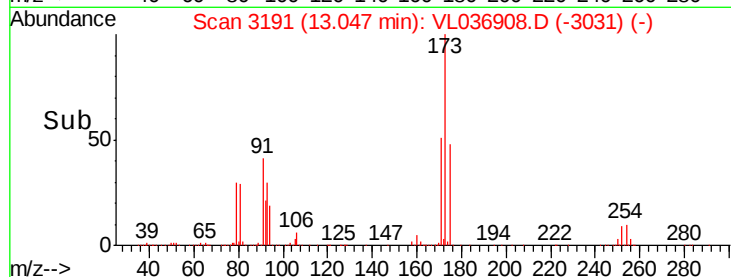
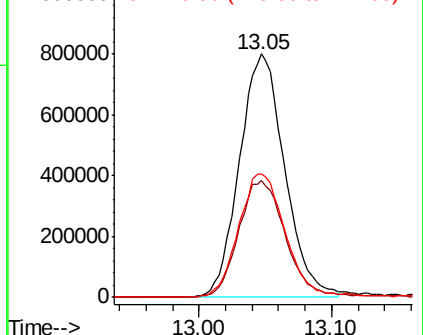
171 52.7 42.2 63.4



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: 11.625 ppbv

RT: 8.75 min Scan# 1855

Delta R.T. 0.01 min

Lab File: VL036908.D

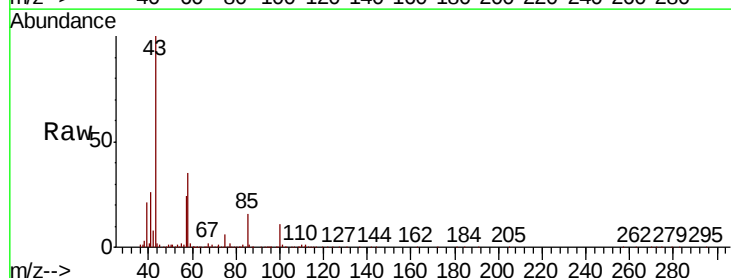
Acq: 6 May 2021 17:57

Tgt Ion: 43 Resp: 2626616

Ion Ratio Lower Upper

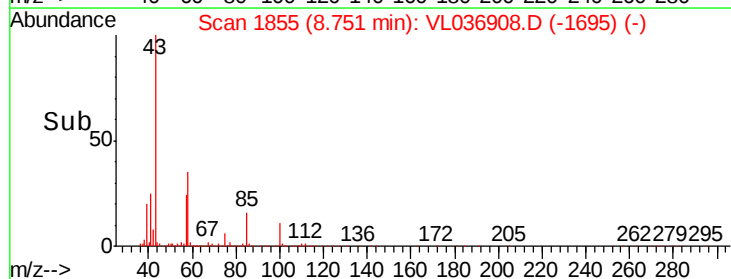
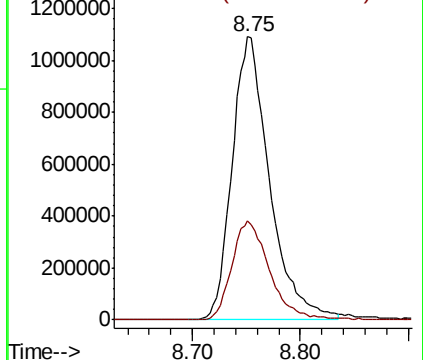
43 100

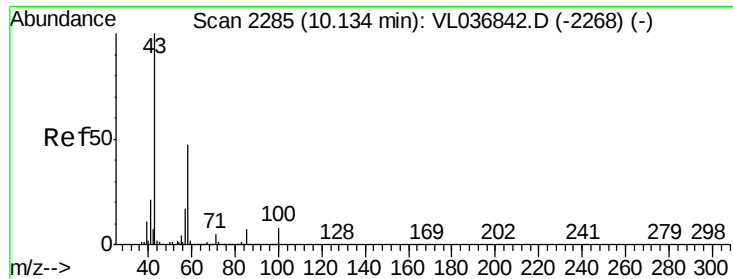
58 35.7 27.8 41.8



Abundance Ion 43.10 (42.80 to 43.80): VL0

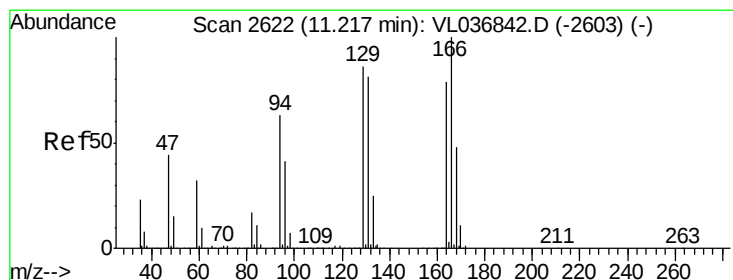
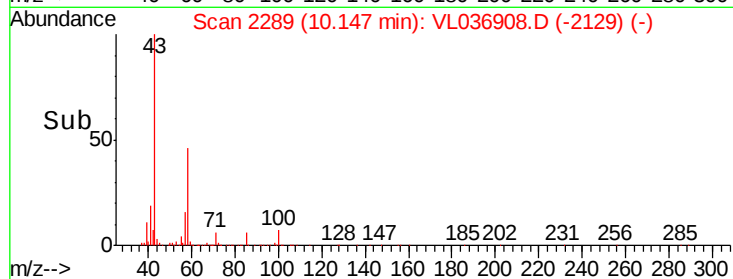
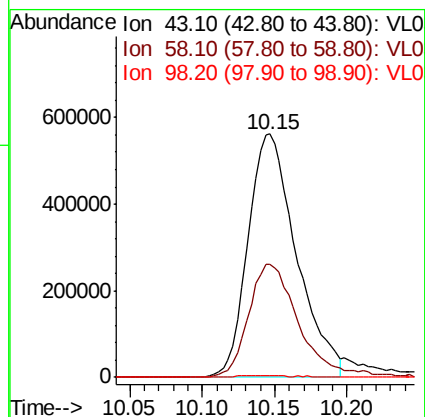
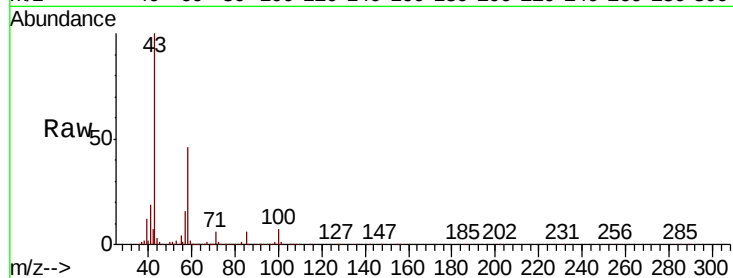
Ion 58.10 (57.80 to 58.80): VL0





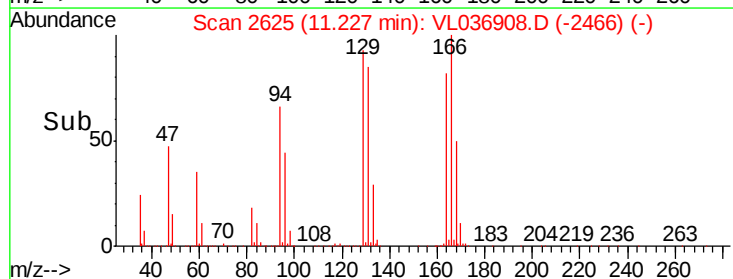
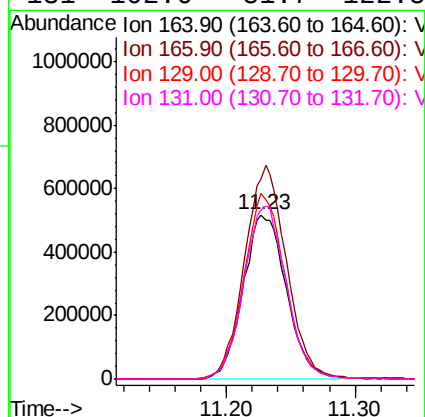
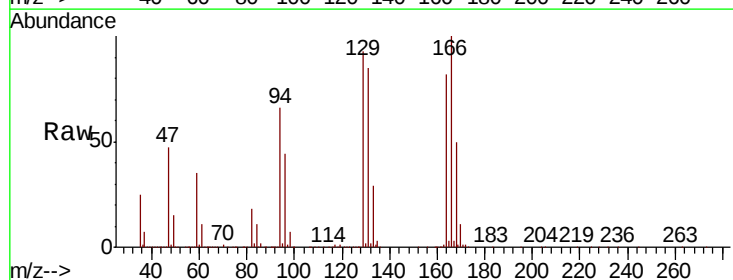
#51
2-Hexanone
Concen: 11.584 ppbv
RT: 10.15 min
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
VL0506ABS01
Acq: 6 May 2021 17:57

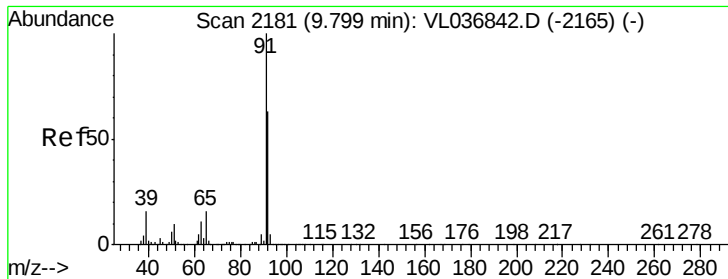
Tot Ion: 43 Resp: 1305490
Ion Ratio Lower Upper
43 100
58 49.0 37.0 55.6
98 1.1 0.2 0.4#



#52
Tetrachloroethene
Concen: 11.098 ppbv
RT: 11.23 min Scan# 2625
Delta R.T. 0.01 min
Lab File: VL036908.D
Acq: 6 May 2021 17:57

Tgt Ion: 164 Resp: 1201563
Ion Ratio Lower Upper
164 100
166 121.3 100.9 151.3
129 112.8 87.0 130.4
131 102.6 81.7 122.5





#53

Toluene

Concen: 11.913 ppbv

RT: 9.81 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

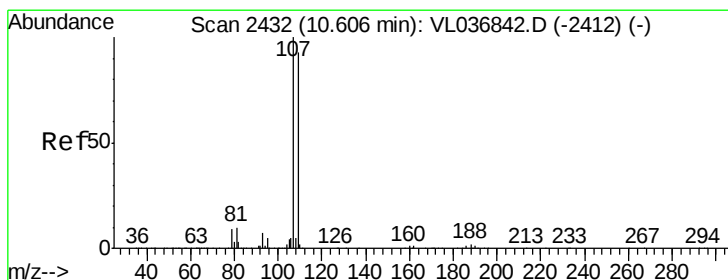
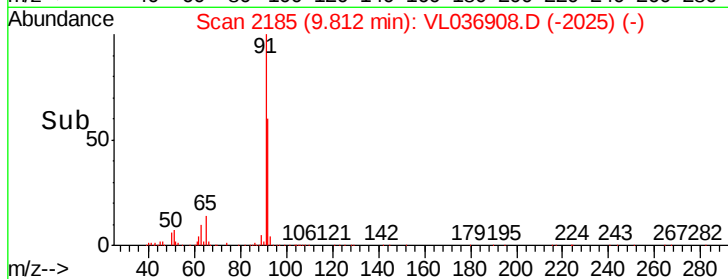
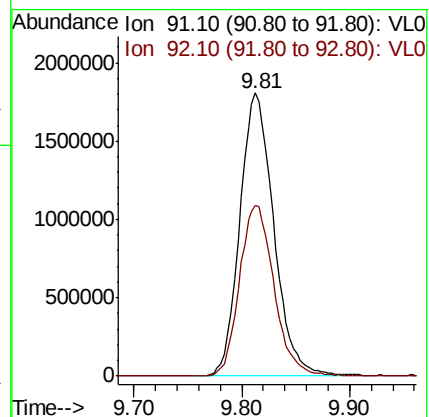
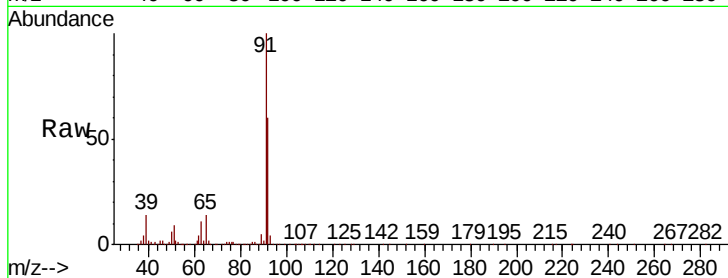
Acq: 6 May 2021 17:57

Tot Ion: 91 Resp: 3963498

Ion Ratio Lower Upper

91 100

92 61.7 49.0 73.4



#54

1,2-Dibromoethane

Concen: 11.048 ppbv

RT: 10.62 min Scan# 2435

Delta R.T. 0.01 min

Lab File: VL036908.D

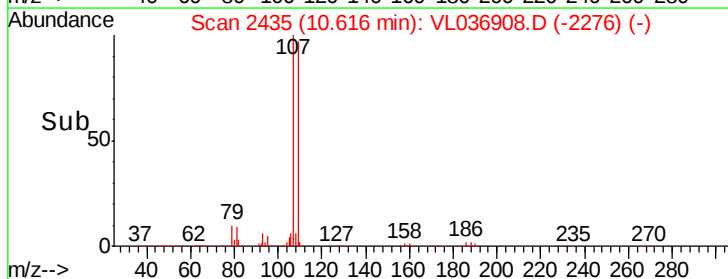
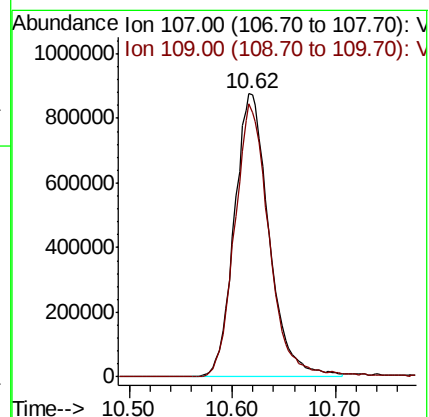
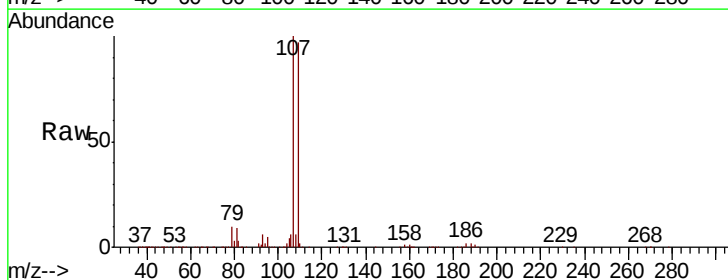
Acq: 6 May 2021 17:57

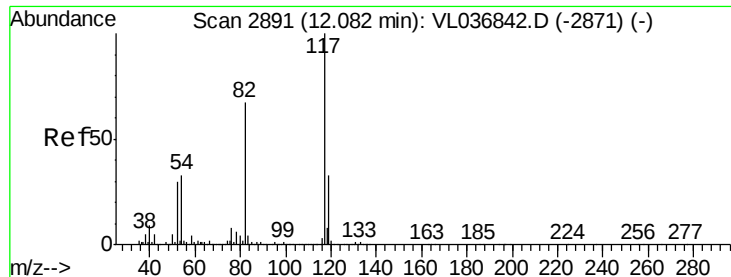
Tgt Ion: 107 Resp: 2057093

Ion Ratio Lower Upper

107 100

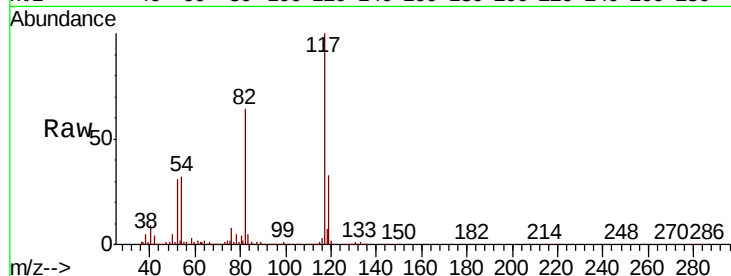
109 96.5 74.7 112.1



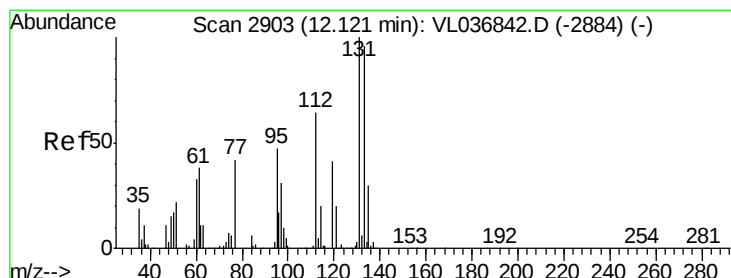
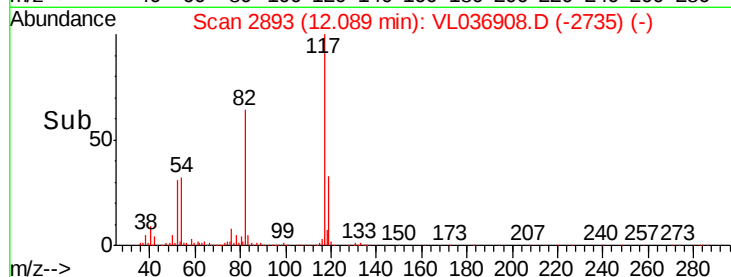
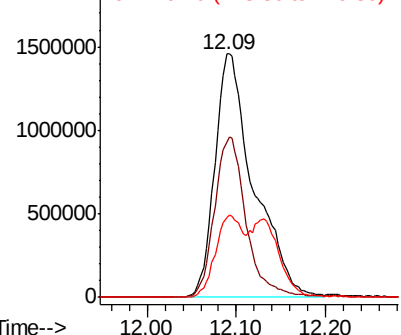


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.09 min
Instrument: MSVOA_1
Delta R.T.:
Client Sample ID:
Lab File: VL0506ABS01
Acq: 6 May 2021 17:57

Tot Ion:117 Resp: 4415492
Ion Ratio Lower Upper
117 100
82 53.9 53.5 80.3
119 24.1 25.6 38.4#

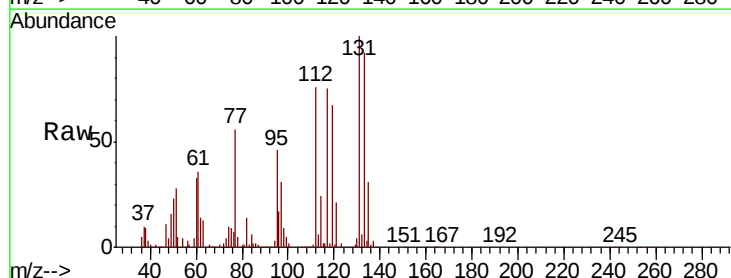


Abundance Ion 117.10 (116.80 to 117.80): V
2000000 Ion 82.10 (81.80 to 82.80): V
Ion 119.10 (118.80 to 119.80): V

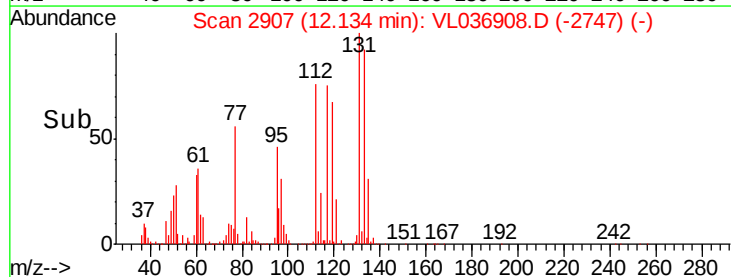
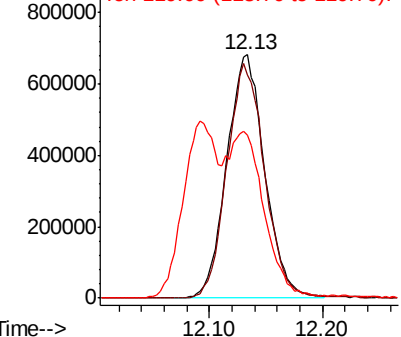


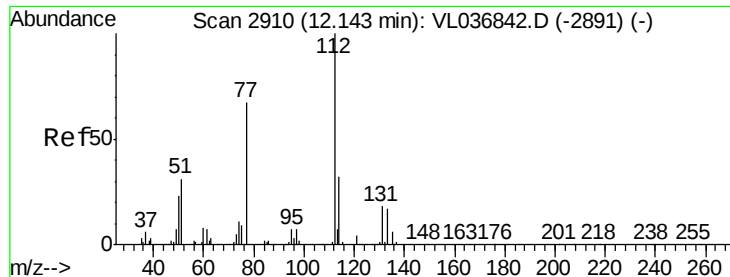
#56
1,1,1,2-Tetrachloroethane
Concen: 8.587 ppbv
RT: 12.13 min Scan# 2907
Delta R.T. 0.01 min
Lab File: VL036908.D
Acq: 6 May 2021 17:57

Tgt Ion:131 Resp: 1589489
Ion Ratio Lower Upper
131 100
133 96.6 76.3 114.5
119 70.6 114.9 172.3#



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: 8.411 ppbv

RT: 12.16

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 6 May 2021 17:57

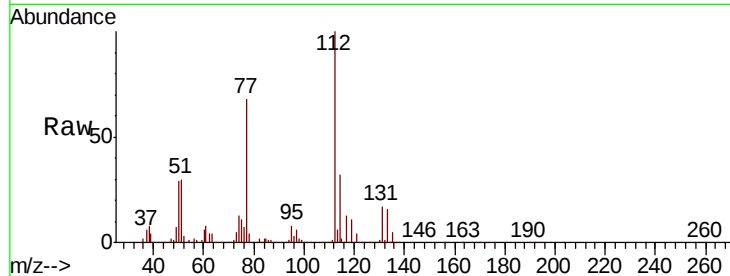
Tot Ion: 112 Resp: 2892763

Ion Ratio Lower Upper

112 100

77 67.6 54.2 81.4

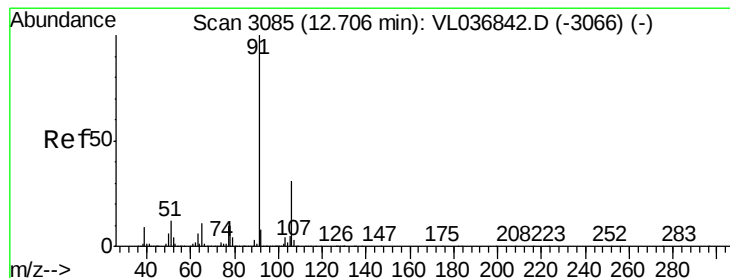
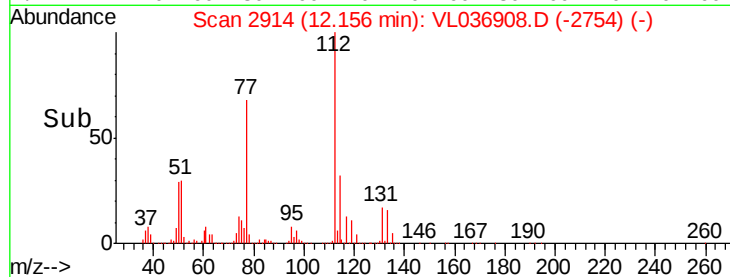
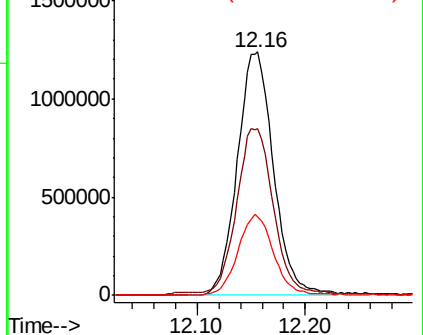
114 32.3 28.5 34.9



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: 9.361 ppbv

RT: 12.72 min Scan# 3088

Delta R.T. 0.01 min

Lab File: VL036908.D

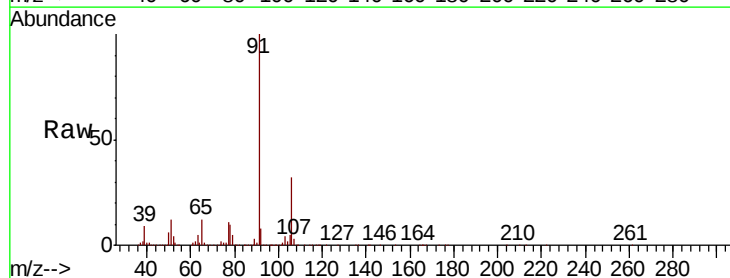
Acq: 6 May 2021 17:57

Tgt Ion: 91 Resp: 5242414

Ion Ratio Lower Upper

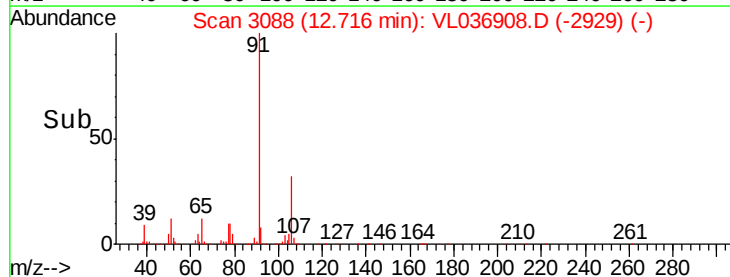
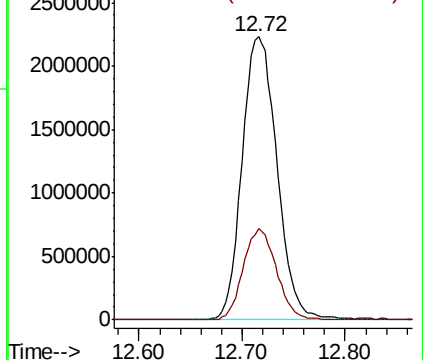
91 100

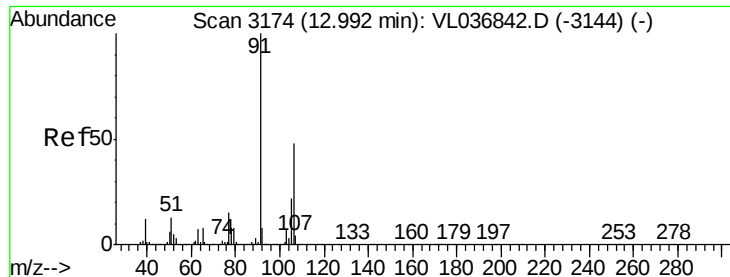
106 32.1 25.1 37.7



Abundance Ion 91.10 (90.80 to 91.80): VL0

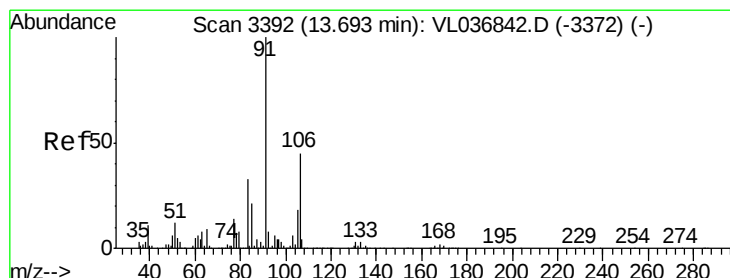
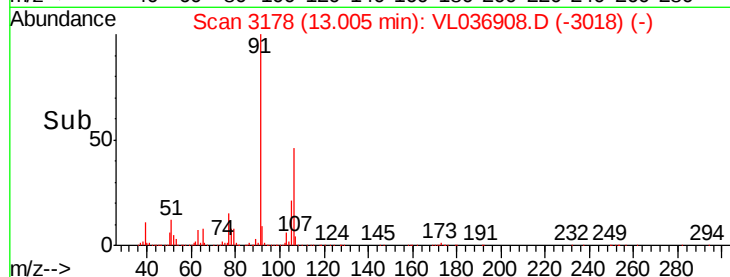
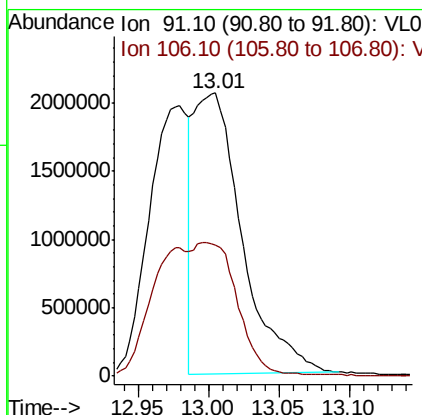
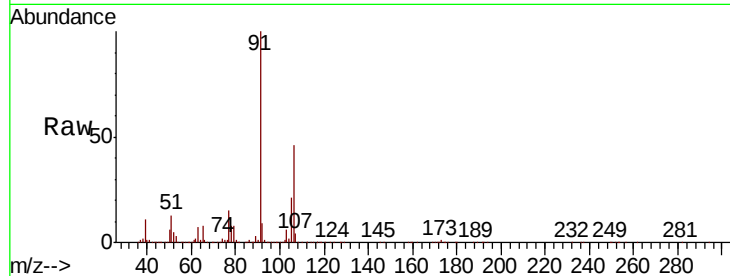
Ion 106.10 (105.80 to 106.80): V





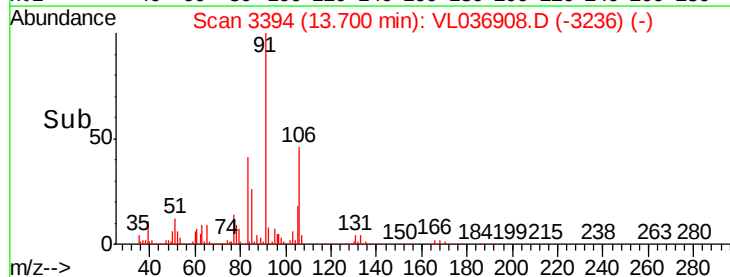
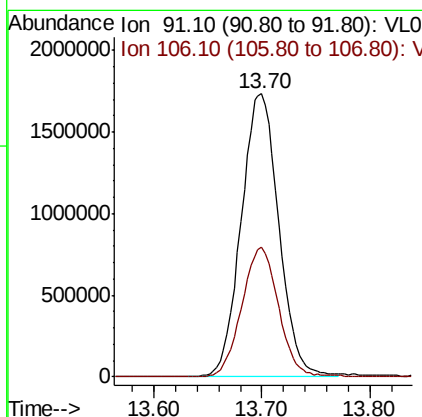
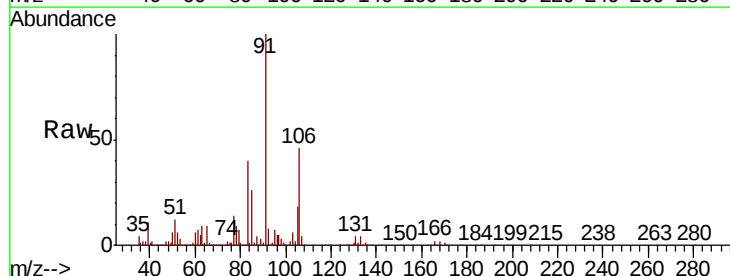
#59
m/p-Xylene
Concen: 9.756 ppbv
RT: 13.01 min
Delta R.T. MSVOA_L
Lab File: ClientSampleId : VL0506ABS01
Acq: 6 May 2021 17:57

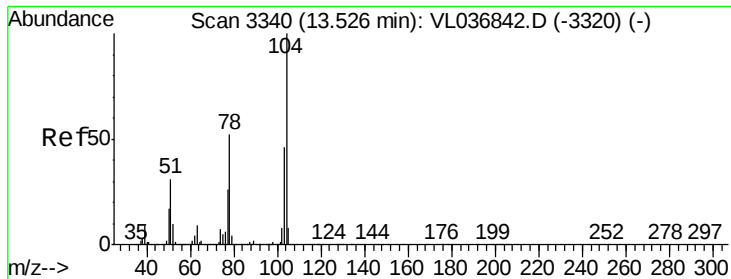
Tot Ion: 91 Resp: 4883197
Ion Ratio Lower Upper
91 100
106 81.2 35.8 53.6#



#60
o-Xylene
Concen: 8.667 ppbv
RT: 13.70 min Scan# 3394
Delta R.T. 0.01 min
Lab File: VL036908.D
Acq: 6 May 2021 17:57

Tgt Ion: 91 Resp: 4194723
Ion Ratio Lower Upper
91 100
106 45.1 22.6 67.7





#61

Stvrene

Concen: 10.488 ppbv

RT: 13.53

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 6 May 2021 17:57

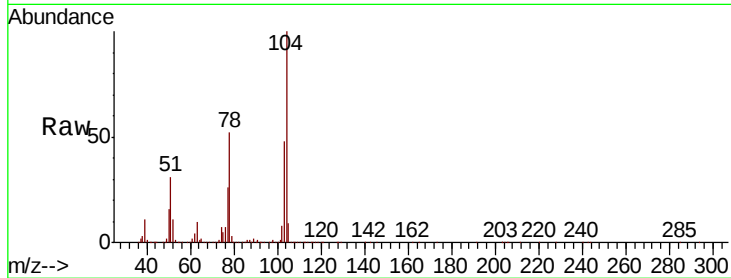
Tot Ion:104 Resp: 2383717

Ion Ratio Lower Upper

104 100

78 53.2 42.6 64.0

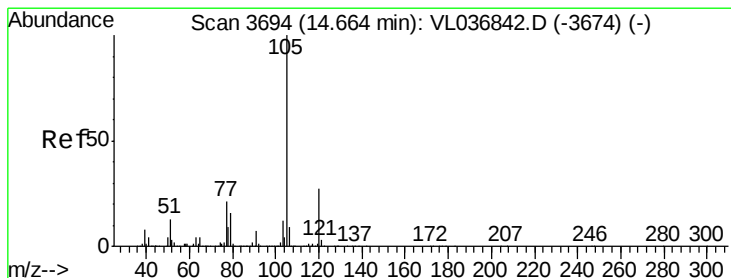
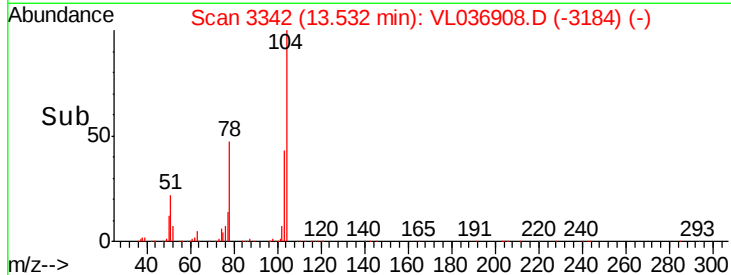
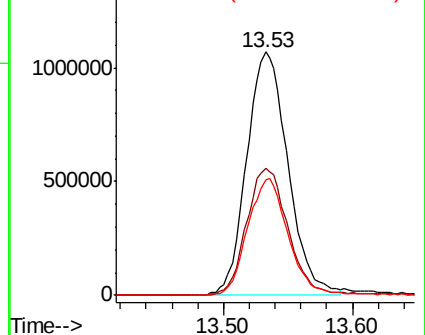
103 47.7 38.1 57.1



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: 8.583 ppbv

RT: 14.67 min Scan# 3697

Delta R.T. 0.01 min

Lab File: VL036908.D

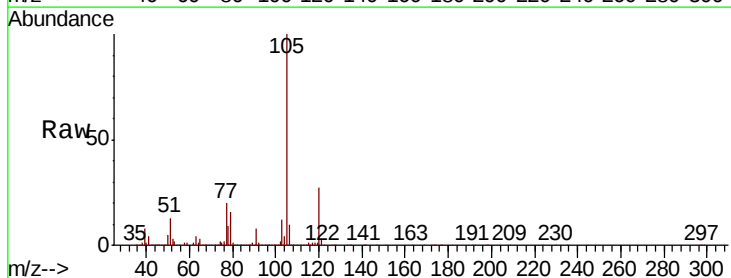
Acq: 6 May 2021 17:57

Tgt Ion:105 Resp: 5651792

Ion Ratio Lower Upper

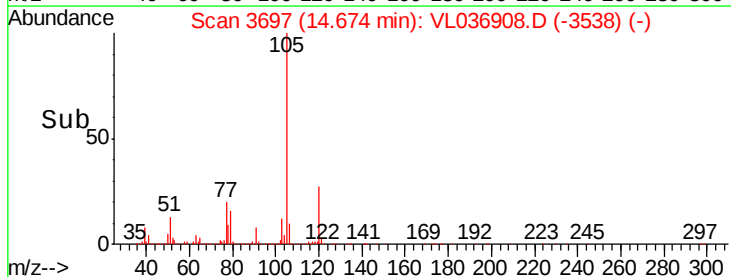
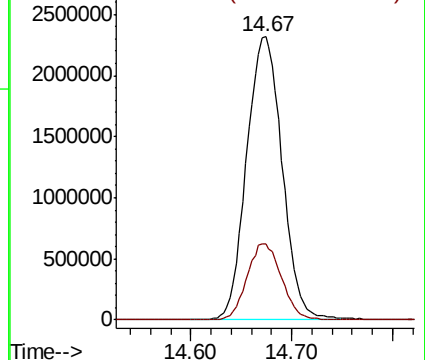
105 100

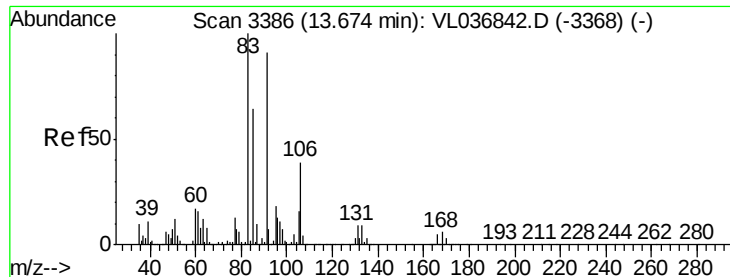
120 26.3 21.1 31.7



Abundance Ion 105.10 (104.80 to 105.80): V

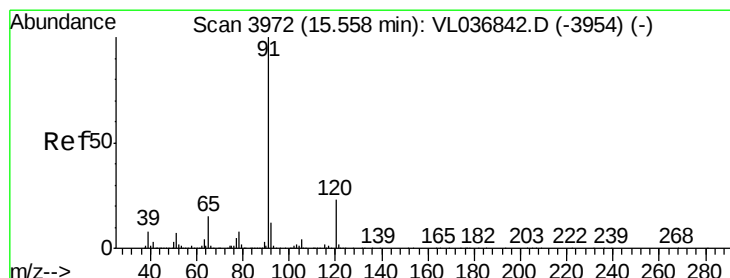
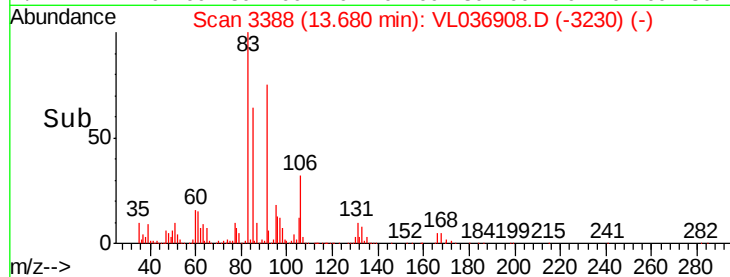
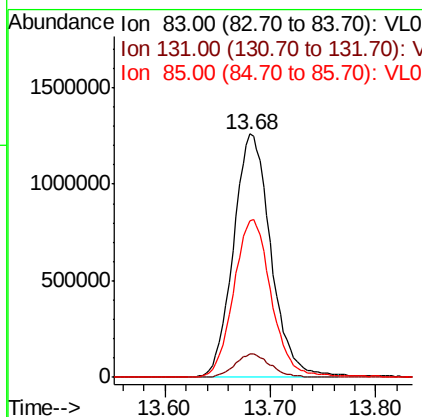
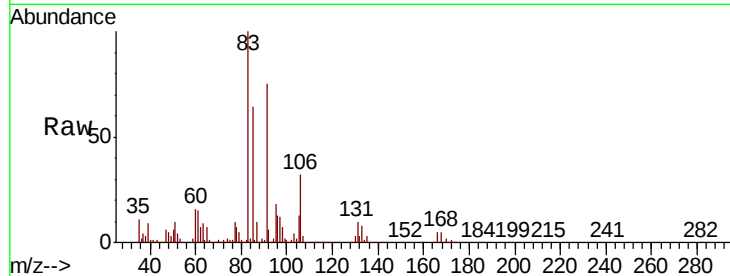
Ion 120.20 (119.90 to 120.90): V





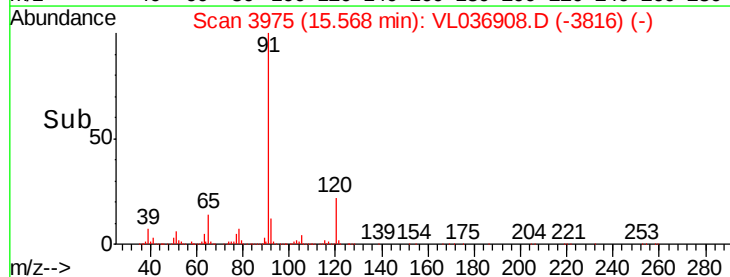
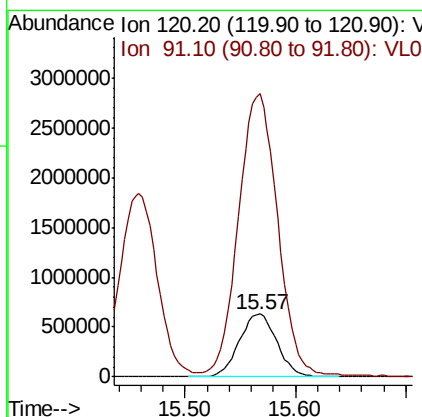
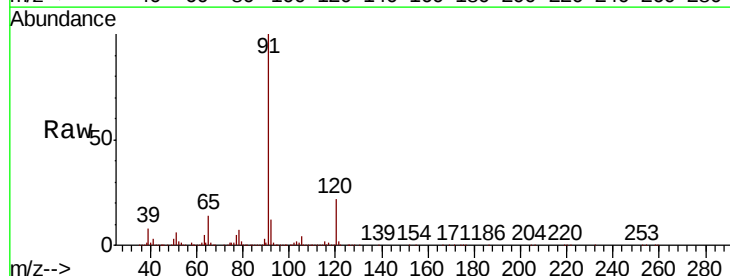
#63
 1,1,2,2-Tetrachloroethane
 Concen: 7.995 ppbv
 RT: 13.68 min
 Delta R.T. 0.01 min
 Lab File: VL0506ABS01
 Acq: 6 May 2021 17:57

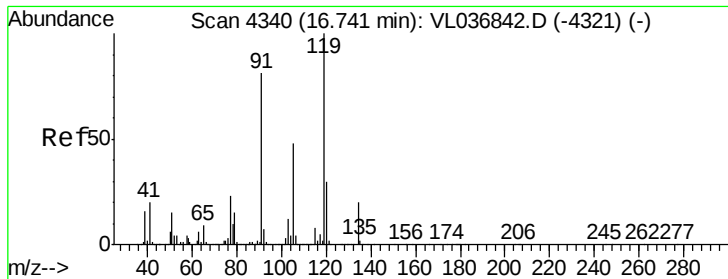
Tot Ion: 83 Resp: 3101867
 Ion Ratio Lower Upper
 83 100
 131 9.4 4.8 14.3
 85 65.9 32.8 98.4



#64
 n-propylbenzene
 Concen: 9.084 ppbv
 RT: 15.57 min Scan# 3975
 Delta R.T. 0.01 min
 Lab File: VL036908.D
 Acq: 6 May 2021 17:57

Tgt Ion: 120 Resp: 1490773
 Ion Ratio Lower Upper
 120 100
 91 472.2 378.6 567.8





#65

tert-Butylbenzene

Concen: 8.542 ppbv

RT: 16.75

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 6 May 2021 17:57

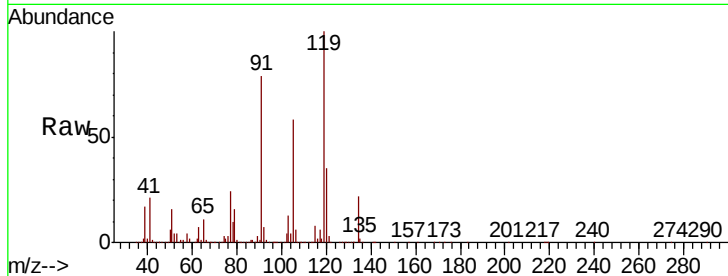
Tot Ion: 119 Resp: 4973373

Ion Ratio Lower Upper

119 100

91 84.7 67.0 100.6

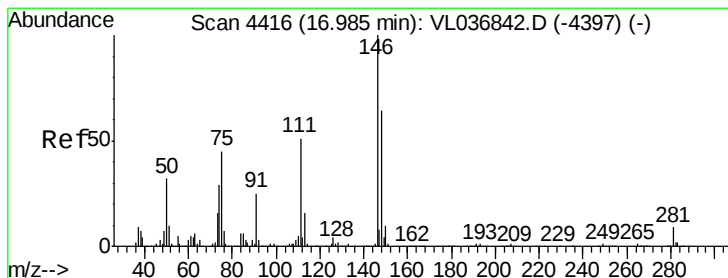
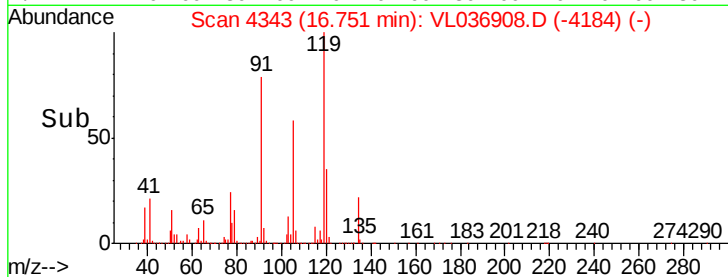
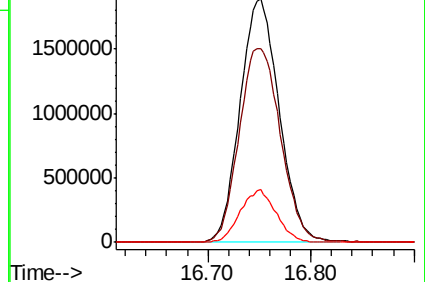
134 20.0 15.8 23.6



Abundance Ion 119.20 (118.90 to 119.90): V

Ion 91.10 (90.80 to 91.80): VL0

Ion 134.20 (133.90 to 134.90): V



#66

Benzyl Chloride

Concen: 8.687 ppbv

RT: 16.99 min Scan# 4418

Delta R.T. 0.01 min

Lab File: VL036908.D

Acq: 6 May 2021 17:57

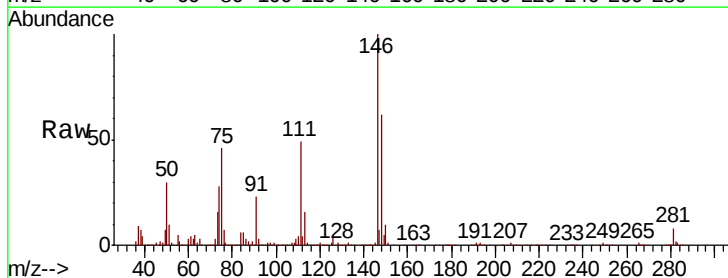
Tgt Ion: 91 Resp: 494527

Ion Ratio Lower Upper

91 100

126 16.5 14.1 21.1

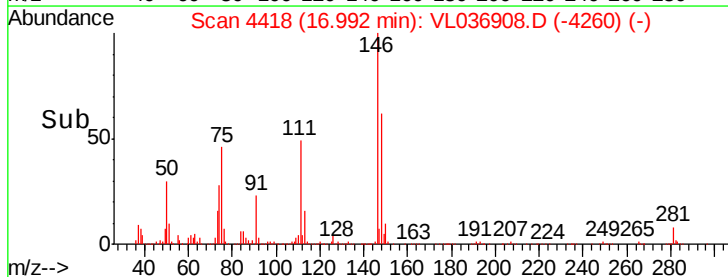
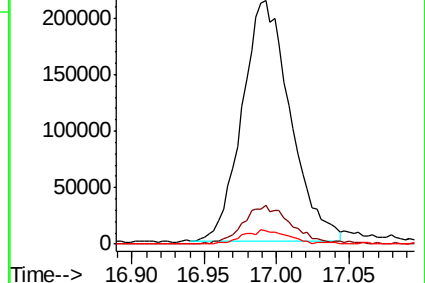
128 5.8 4.8 7.2

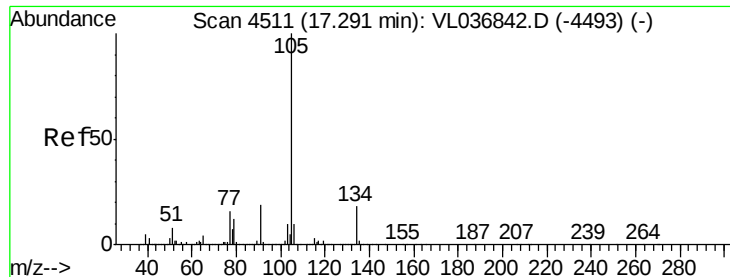


Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 126.10 (125.80 to 126.80): V

Ion 128.10 (127.80 to 128.80): V





#67

sec-Butylbenzene

Concen: 8.635 ppbv

RT: 17.30

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

VL0506ABS01

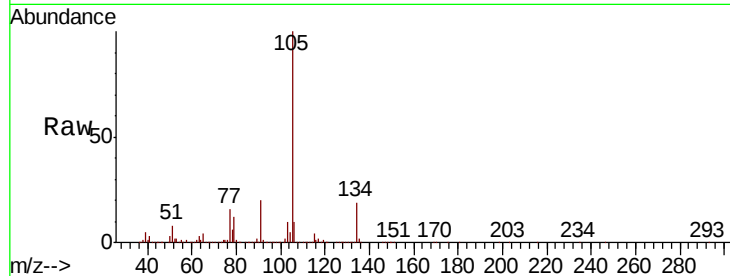
Acq: 6 May 2021 17:57

Tot Ion: 105 Resp: 6981372

Ion Ratio Lower Upper

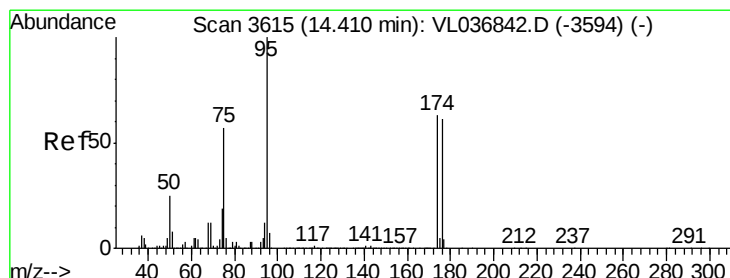
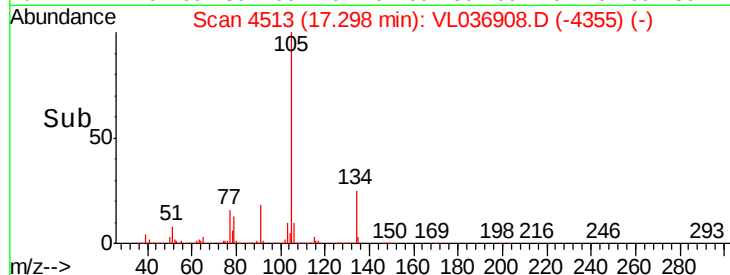
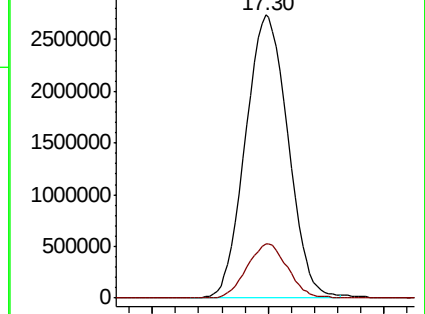
105 100

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: 8.045 ppbv

RT: 14.42 min Scan# 3618

Delta R.T. 0.01 min

Lab File: VL036908.D

Acq: 6 May 2021 17:57

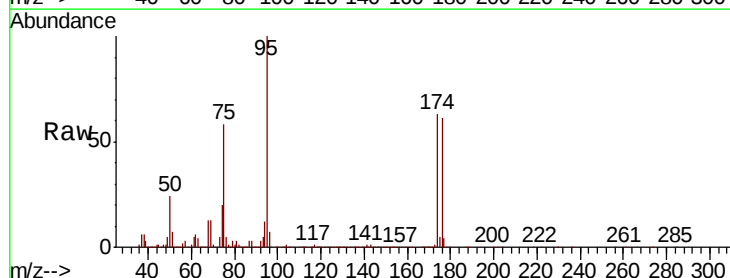
Tgt Ion: 95 Resp: 2851588

Ion Ratio Lower Upper

95 100

174 65.0 52.2 78.2

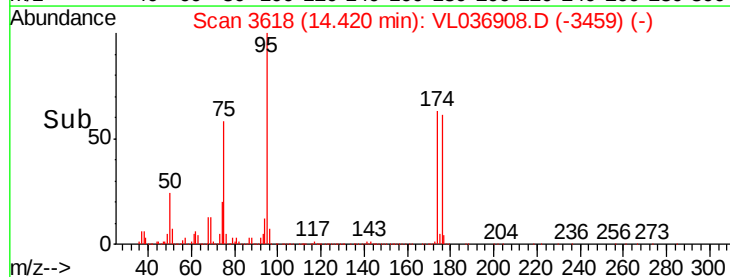
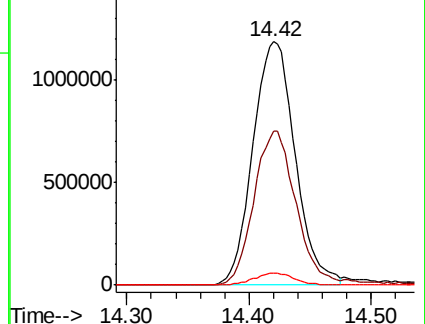
175 4.8 4.0 6.0

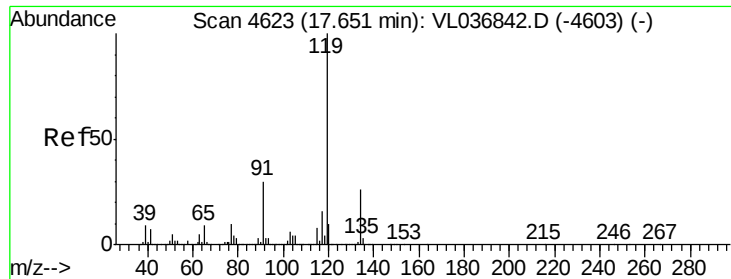


Abundance Ion 95.10 (94.80 to 95.80): VL0

Ion 174.00 (173.70 to 174.70): V

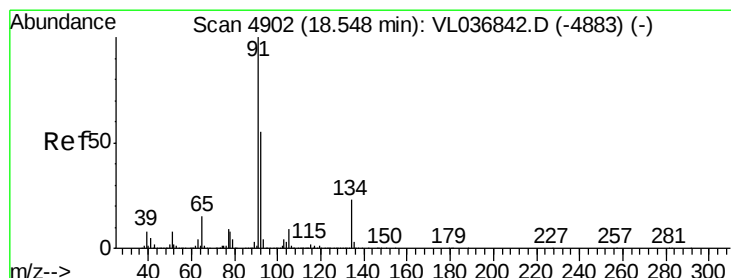
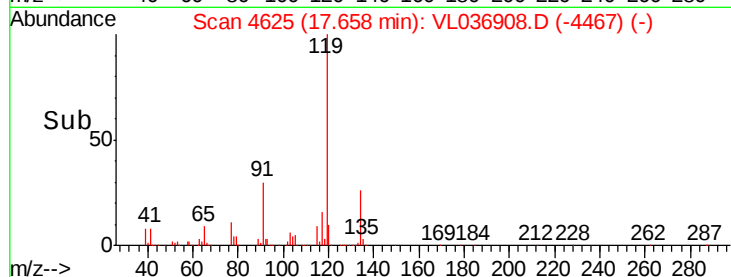
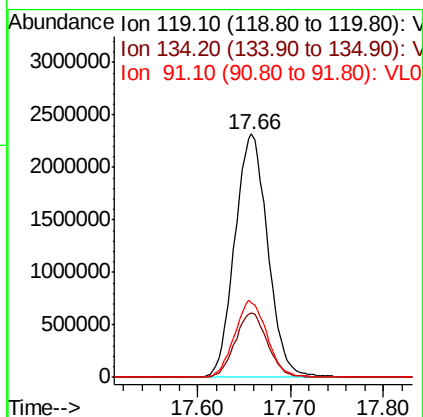
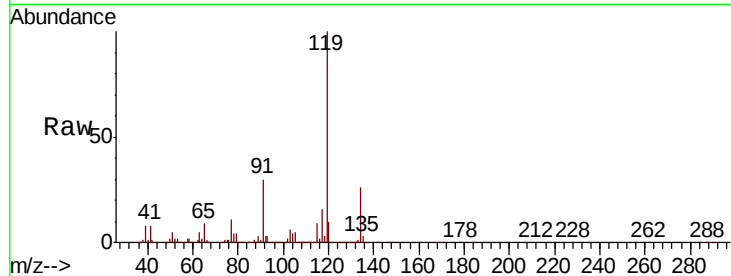
Ion 175.00 (174.70 to 175.70): V





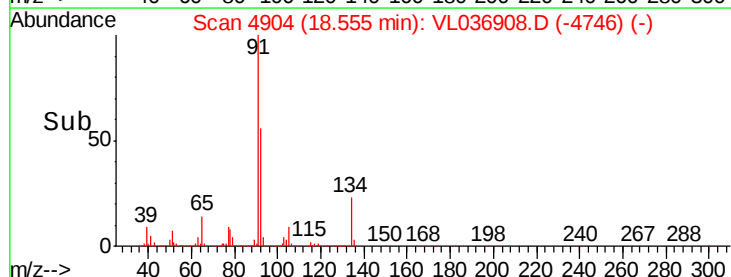
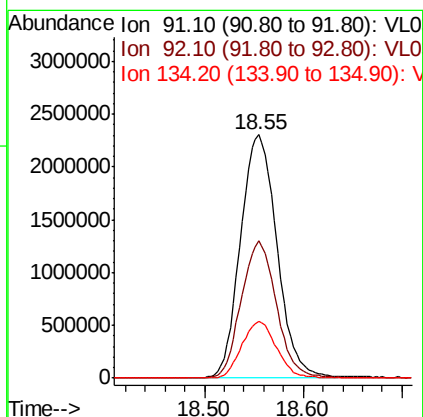
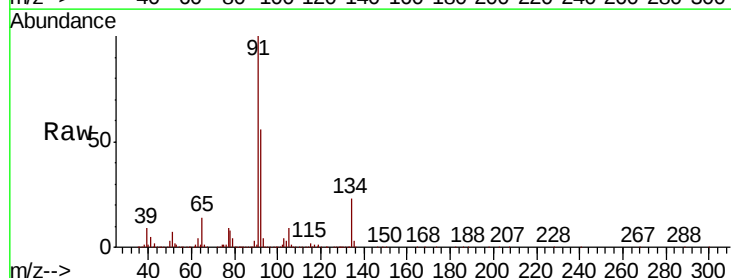
#69
 p-Isopropyltoluene
 Concen: 8.827 ppbv
 RT: 17.66 min
 Delta R.T.: 0.01 min
 Lab File: VL0506ABS01
 Acq: 6 May 2021 17:57

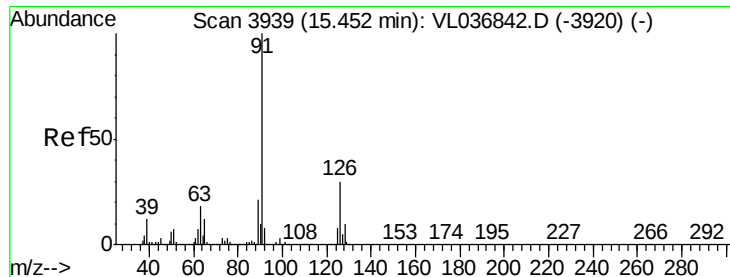
Tot Ion:	119	Resp:	5720904
Ion	Ratio	Lower	Upper
119	100		
134	26.1	20.6	31.0
91	31.1	24.2	36.4



#70
 n-Butylbenzene
 Concen: 9.044 ppbv
 RT: 18.55 min Scan# 4904
 Delta R.T.: 0.01 min
 Lab File: VL036908.D
 Acq: 6 May 2021 17:57

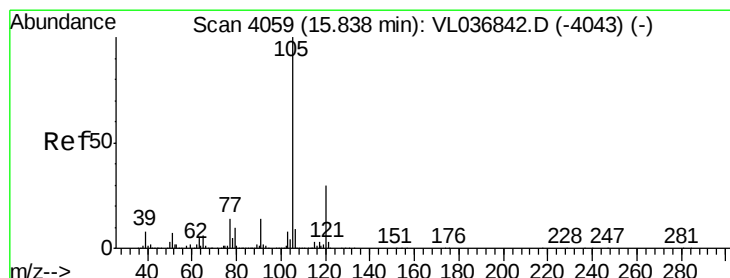
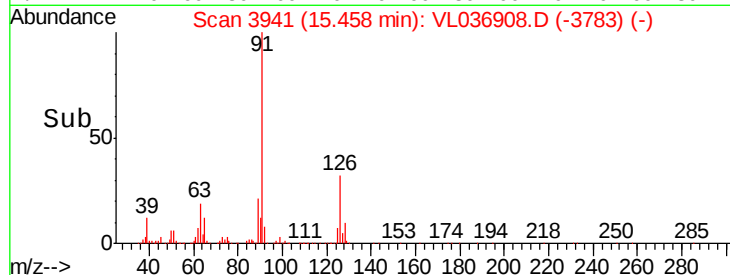
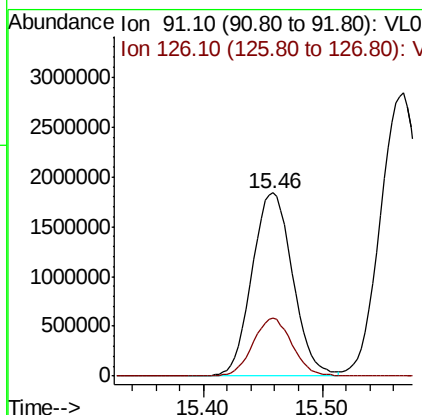
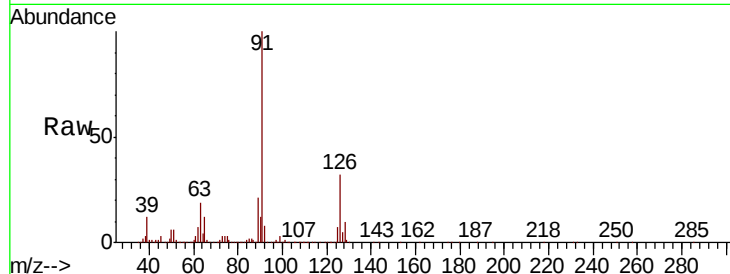
Tgt Ion:	91	Resp:	5908025
Ion	Ratio	Lower	Upper
91	100		
92	54.5	43.5	65.3
134	22.4	18.2	27.4





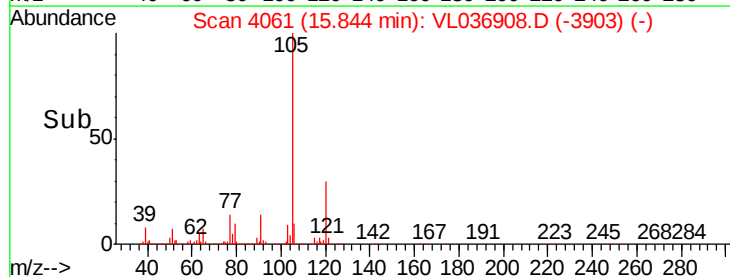
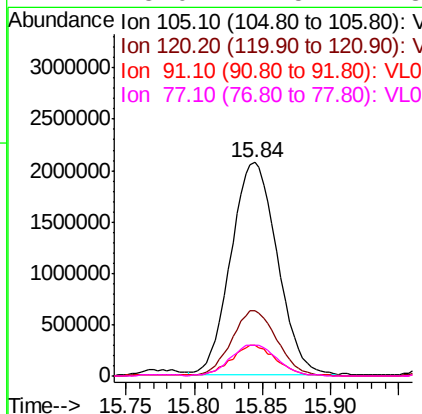
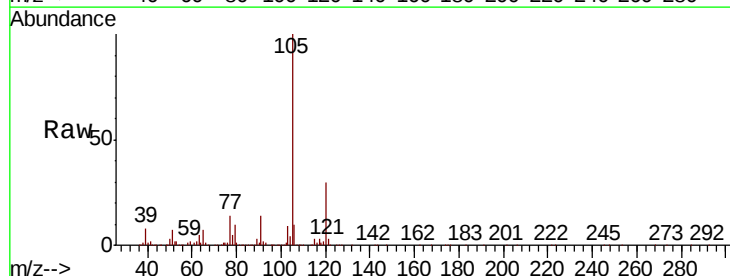
#71
 2-Chlorotoluene
 Concen: 8.945 ppbv
 RT: 15.46 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId : VL0506ABS01
 Acq: 6 May 2021 17:57

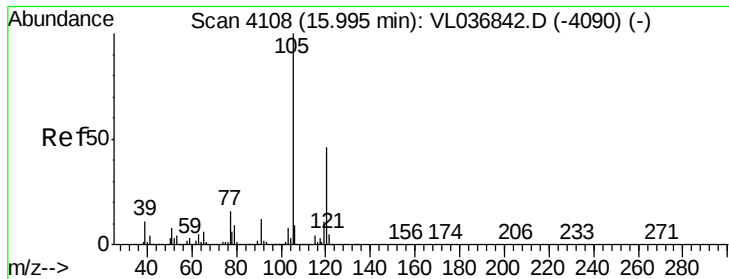
Tot Ion: 91 Resp: 4362513
 Ion Ratio Lower Upper
 91 100
 126 31.2 12.3 49.3



#72
 4-Ethyltoluene
 Concen: 9.316 ppbv
 RT: 15.84 min Scan# 4061
 Delta R.T. 0.01 min
 Lab File: VL036908.D
 Acq: 6 May 2021 17:57

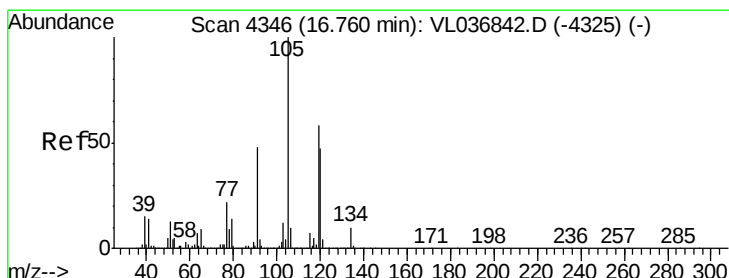
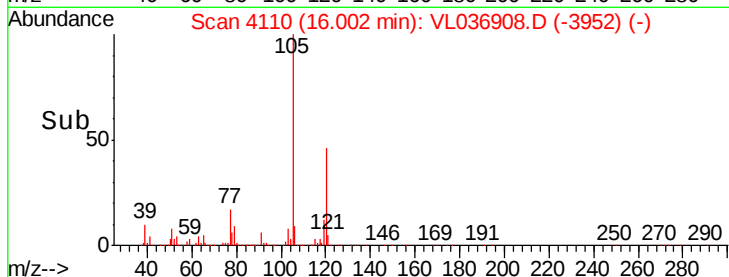
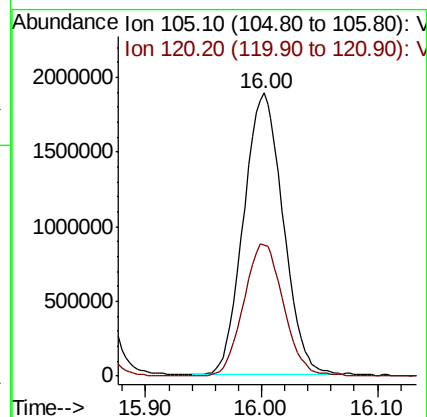
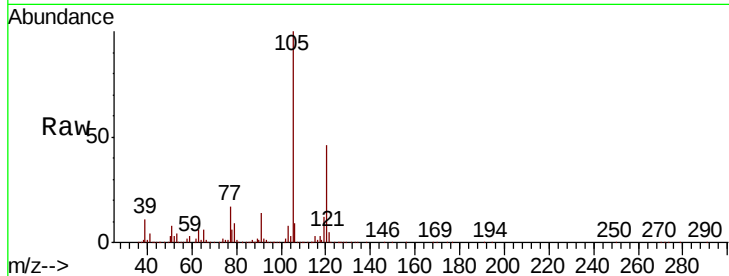
Tgt Ion:105 Resp: 4839528
 Ion Ratio Lower Upper
 105 100
 120 30.7 23.8 35.6
 91 14.1 10.7 16.1
 77 15.0 11.5 17.3





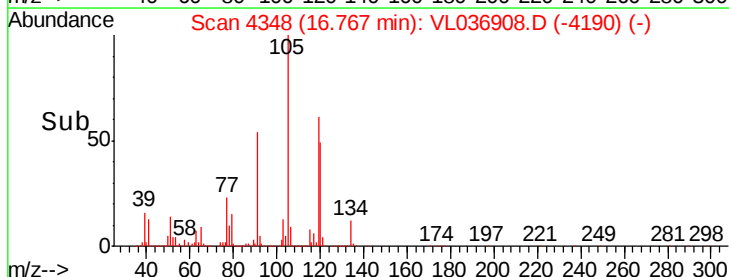
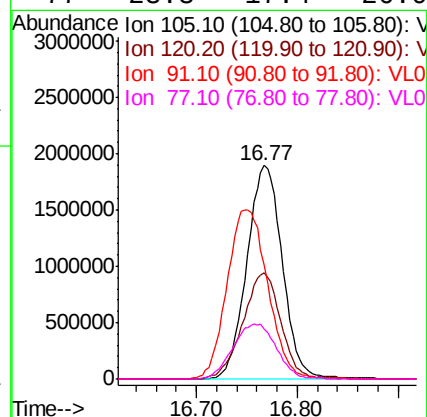
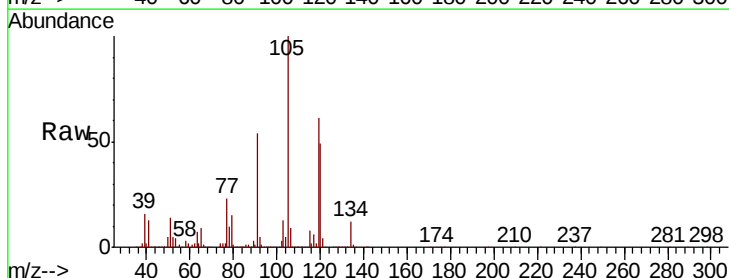
#73
 1,3,5-Trimethylbenzene
 Concen: 8.874 ppbv
 RT: 16.00 min
 Delta R.T. 0.01 min
 Lab File: VL0506ABS01
 Acq: 6 May 2021 17:57

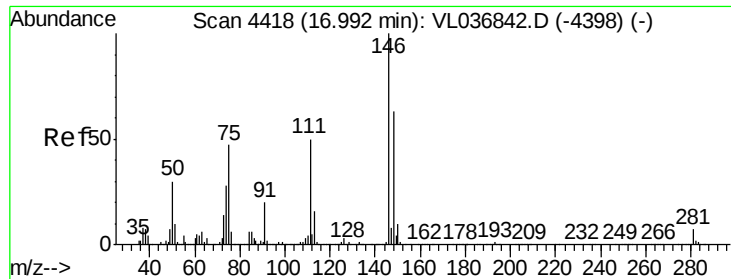
Tot Ion:105 Resp: 4470712
 Ion Ratio Lower Upper
 105 100
 120 46.5 36.8 55.2



#74
 1,2,4-Trimethylbenzene
 Concen: 8.618 ppbv
 RT: 16.77 min Scan# 4348
 Delta R.T. 0.01 min
 Lab File: VL036908.D
 Acq: 6 May 2021 17:57

Tgt Ion:105 Resp: 4611676
 Ion Ratio Lower Upper
 105 100
 120 49.4 37.6 56.4
 91 53.3 39.0 58.4
 77 23.3 17.4 26.0





#75

1,3-Dichlorobenzene

Concen: 8.372 ppbv

RT: 17.00

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

VL0506ABS01

Acq: 6 May 2021 17:57

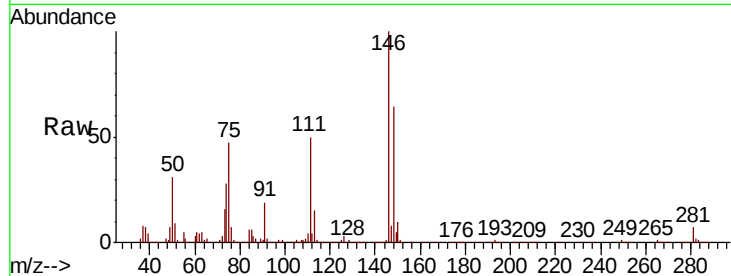
Tot Ion:146 Resp: 2648421

Ion Ratio Lower Upper

146 100

111 49.0 24.2 72.6

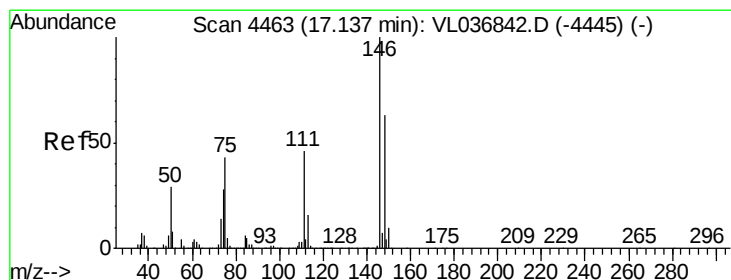
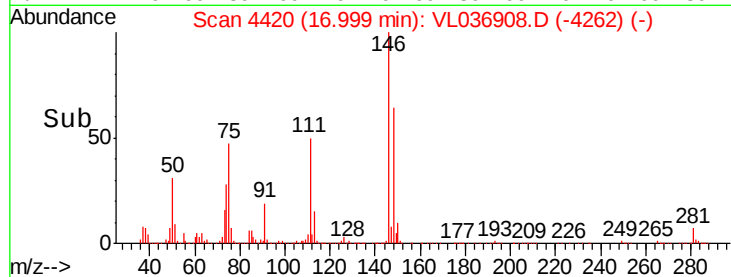
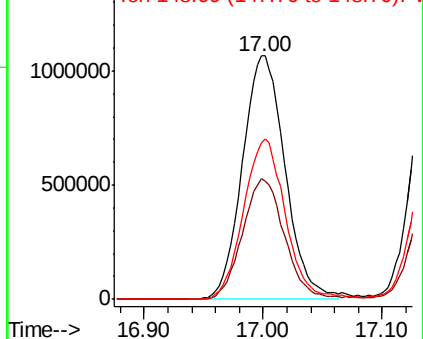
148 64.6 32.1 96.3



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: 8.324 ppbv

RT: 17.14 min Scan# 4465

Delta R.T. 0.01 min

Lab File: VL036908.D

Acq: 6 May 2021 17:57

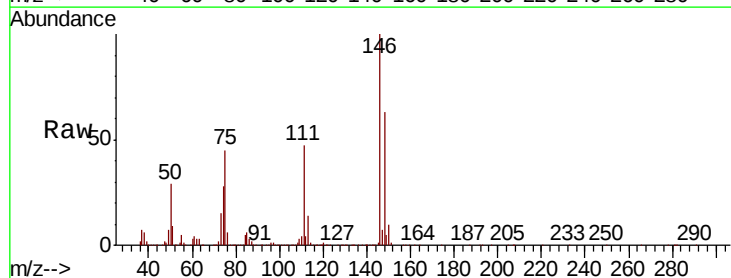
Tgt Ion:146 Resp: 2576913

Ion Ratio Lower Upper

146 100

111 47.3 24.3 72.8

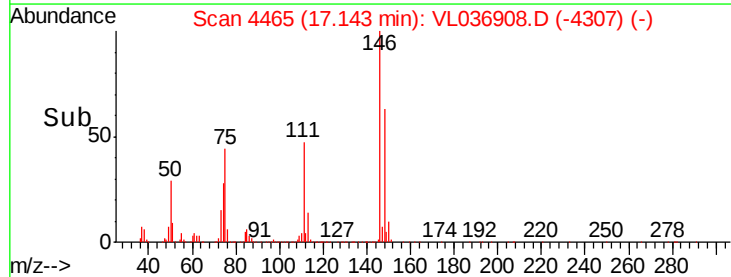
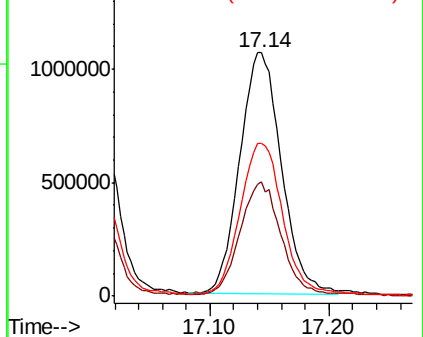
148 66.0 32.4 97.0

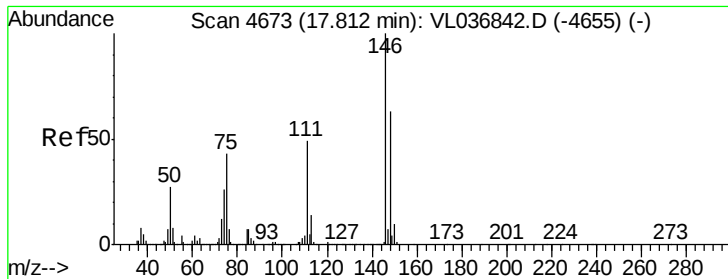


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.10 (110.80 to 111.80): V

Ion 148.00 (147.70 to 148.70): V

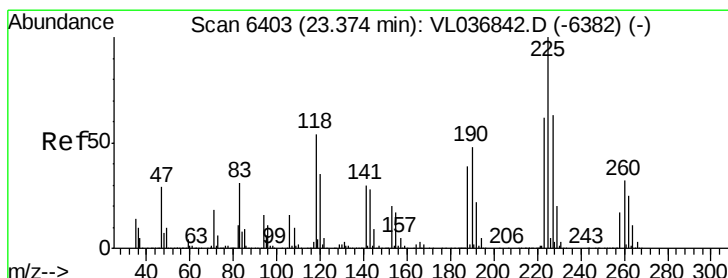
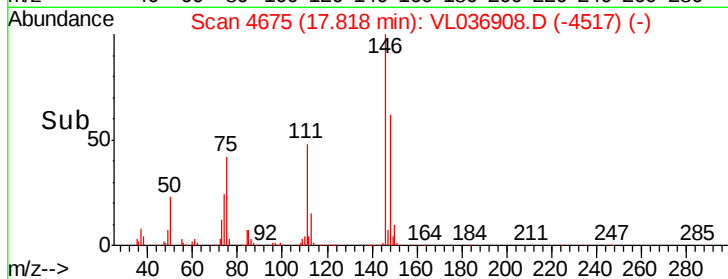
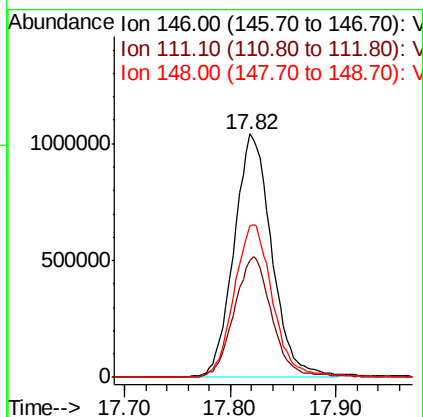
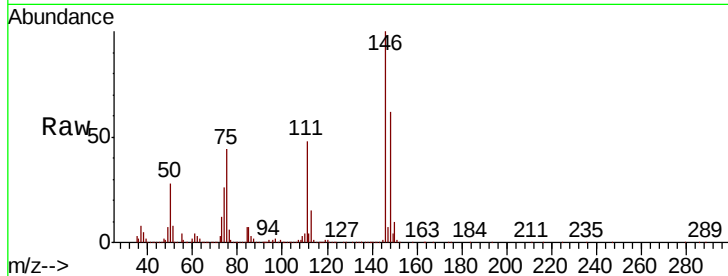




#77
 1,2-Dichlorobenzene
 Concen: 8.318 ppbv
 RT: 17.82
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId : VL0506ABS01
 Acq: 6 May 2021 17:57

Tot Ion:146 Resp: 2570282

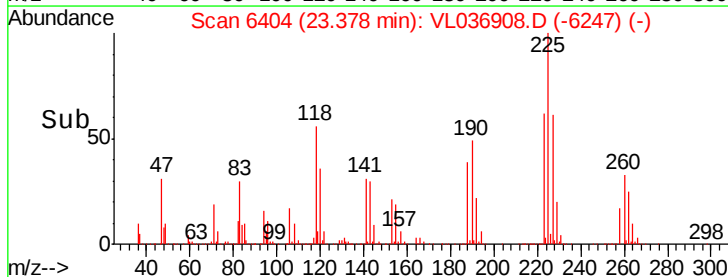
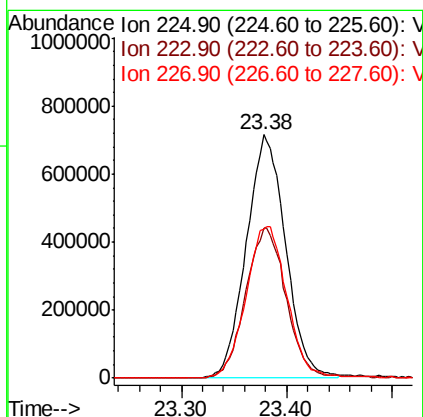
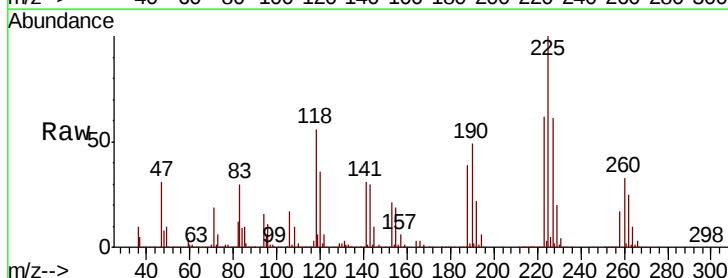
Ion	Ratio	Lower	Upper
146	100		
111	49.5	25.0	75.0
148	64.4	32.4	97.0

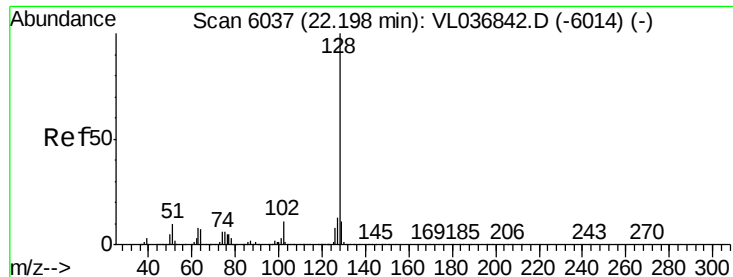


#78
 Hexachloro-1,3-Butadiene
 Concen: 7.070 ppbv
 RT: 23.38 min Scan# 6404
 Delta R.T. 0.00 min
 Lab File: VL036908.D
 Acq: 6 May 2021 17:57

Tgt Ion:225 Resp: 1856128

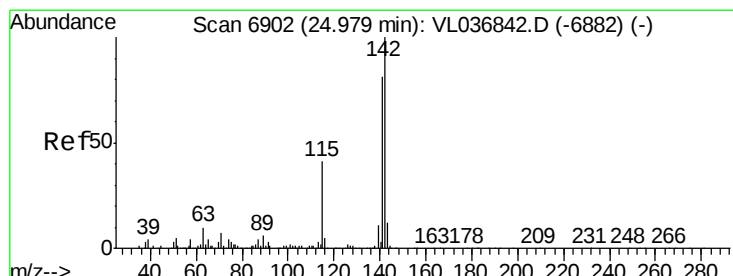
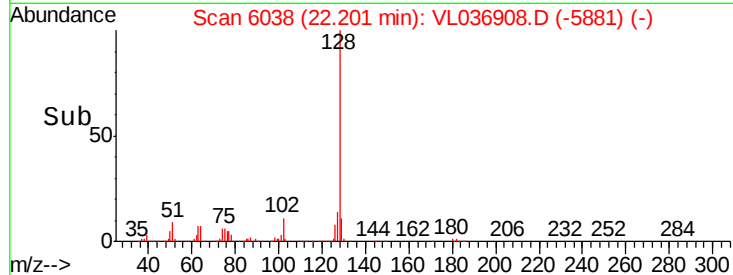
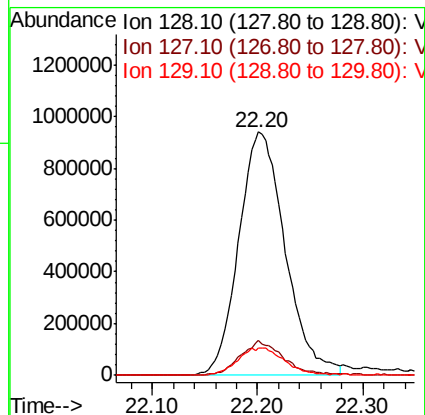
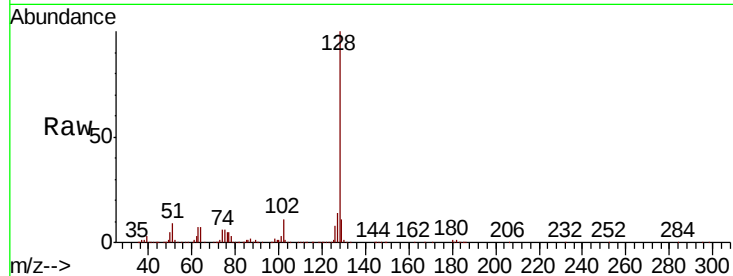
Ion	Ratio	Lower	Upper
225	100		
223	63.9	51.2	76.8
227	65.1	51.8	77.6





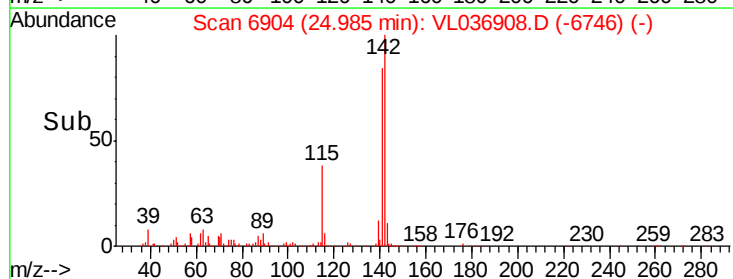
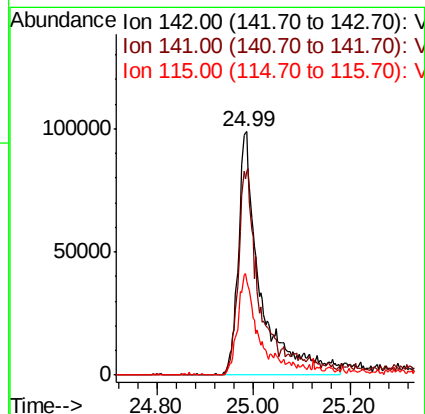
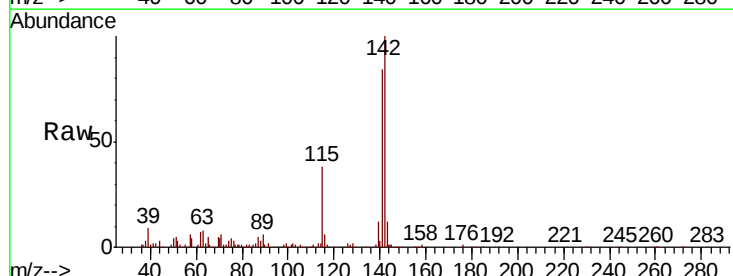
#79
Naphthalene
Concen: 9.588 ppbv
RT: 22.20 min
Delta R.T. MSVOA_L
Lab File: ClientSampleId : VL0506ABS01
Acq: 6 May 2021 17:57

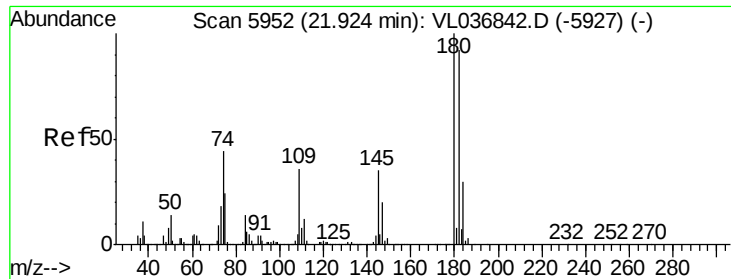
Tot Ion:128	Resp: 2873707
Ion Ratio	Lower Upper
128 100	
127 14.3	10.6 15.8
129 11.5	9.0 13.4



#80
Naphthalene, 2-methyl-
Concen: 9.503 ppbv
RT: 24.99 min Scan# 6904
Delta R.T. 0.01 min
Lab File: VL036908.D
Acq: 6 May 2021 17:57

Tgt Ion	142	Resp: Lower	314092 Upper
142	100		
141	86.6	62.6	93.8
115	41.5	32.0	48.0





#81
 1,2,4-Trichlorobenzene
 Concen: 4.239 ppbv
 RT: 21.93
 Delta R.T: MSVOA_L
 Lab File: ClientSampleId :
 VL0506ABS01
 Acq: 6 May 2021 17:57

Tot Ion	Ratio	Lower	Upper
180	100		
182	200.2	80.9	121.3#
184	64.2	25.3	37.9#

