

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL042721\
 Data File : VL036844.D
 Acq On : 27 Apr 2021 2:44
 Operator : SY/AP
 Sample : VSTDIC001
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Apr 27 07:23:03 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL042721AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Apr 27 07:21:25 2021
 QLast Update : Tue Apr 27 07:21:25 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	1532863	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	3897577	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.08	117	3537522	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.41	95	2840289	10.12	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.20%

Target Compounds					Ovalue
2) Dichlorodifluoromethane	3.04	85	270144	1.084 ppbv	99
3) Chlorodifluoromethane	2.99	51	306848	1.073 ppbv	99
4) Chloromethane	3.14	50	92575	0.927 ppbv #	85
5) Vinyl Chloride	3.25	62	95915	0.936 ppbv	92
6) Bromomethane	3.47	94	52494	0.936 ppbv	92
7) Chloroethane	3.56	64	30227	0.862 ppbv	89
8) Dichlorotetrafluoroethane	3.18	85	235386	1.000 ppbv	97
9) Propene	3.01	41	89369	0.986 ppbv	96
10) Heptane	8.11	43	215892	0.935 ppbv	95
11) Trichlorofluoromethane	3.94	101	230369	0.926 ppbv	98
12) 1,1,2-Trichlorotrifluoroet	4.48	101	143973	0.901 ppbv	89
13) Ethanol	3.62	45	7808	0.744 ppbv #	34
14) Bromoethene	3.74	108	60627	0.918 ppbv #	94
15) Acetone	3.86	43	138014	0.934 ppbv #	61
16) 1,3-Butadiene	3.32	39	92108	0.896 ppbv	94
18) 1,1-Dichloroethene	4.28	96	62236	0.884 ppbv	93
19) Isopropyl Alcohol	3.98	45	23109	0.287 ppbv #	1
20) Methylene Chloride	4.34	84	41961	0.611 ppbv	87
21) Allvl Chloride	4.41	41	110921	0.949 ppbv	93
22) trans-1,2-Dichloroethene	4.88	96	69620	1.050 ppbv	96
23) Vinyl Acetate	5.08	43	207574	0.834 ppbv #	94
24) 1,1-Dichloroethane	5.01	63	143737	0.811 ppbv	98
25) Ethyl Acetate	5.68	43	385503	1.079 ppbv	98
26) Hexane	5.68	57	179829	1.094 ppbv	96
27) Carbon Disulfide	4.55	76	140391	0.870 ppbv #	92
28) Methyl tert-Butyl Ether	5.04	73	146433	0.788 ppbv	96
29) Chloroform	5.74	83	268774	1.012 ppbv	93
30) Cyclohexane	7.12	84	130860	0.977 ppbv	93
31) cis-1,2-Dichloroethene	5.54	61	155786	0.983 ppbv	96
32) 1,1,1-Trichloroethane	6.50	97	274769	1.027 ppbv	99
34) 2-Butanone	5.25	43	158364	0.849 ppbv	94
35) Carbon Tetrachloride	7.01	117	271520	0.912 ppbv	98
36) Benzene	6.88	78	346623	0.975 ppbv	96
37) 1,2-Dichloroethane	6.30	62	189466	0.908 ppbv #	95
38) Trichloroethene	7.83	130	61737	0.443 ppbv	96
39) 1,2-Dichloropropane	7.61	63	135538	0.944 ppbv	90
41) Tetrahydrofuran	6.07	42	63780	0.747 ppbv	92
42) Bromodichloromethane	7.78	83	259889	0.917 ppbv	97
43) Methyl Methacrylate	8.01	69	46011	0.388 ppbv #	1
44) 2,2,4-Trimethylpentane	7.86	57	608930	0.971 ppbv	99
45) t-1,3-Dichloropropene	9.28	75	51395	0.381 ppbv	100

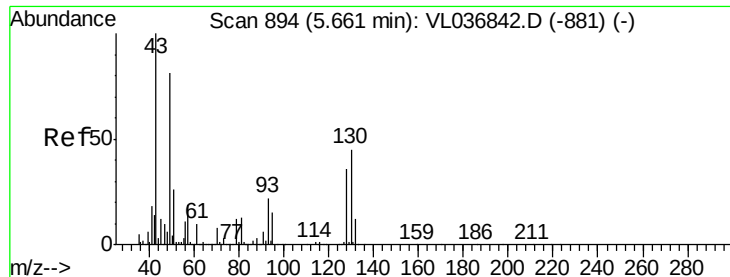
Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL042721\
 Data File : VL036844.D
 Acq On : 27 Apr 2021 2:44
 Operator : SY/AP
 Sample : VSTDIC001
 Misc : 400mL/MSVOA L
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Instrument :
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Quant Time: Apr 27 07:23:03 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL042721AIR.M
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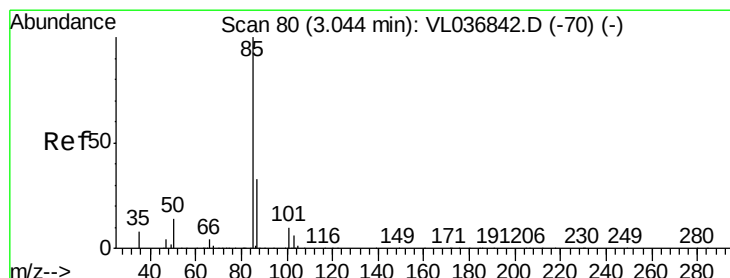
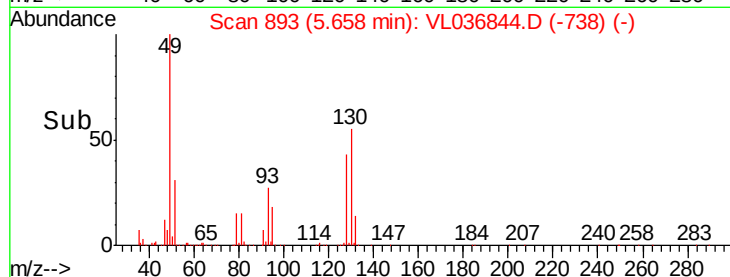
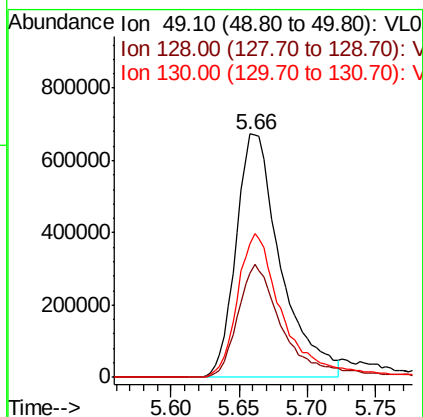
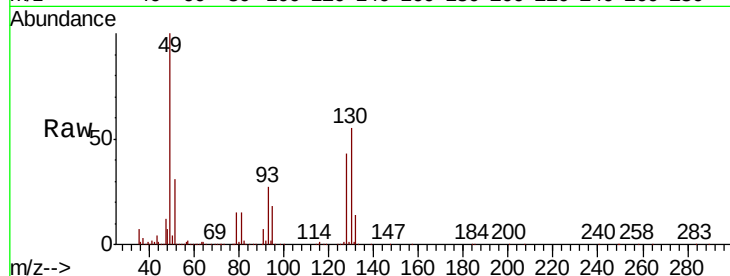
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.70	75	69950	0.406	ppbv	97
47) 1,1,2-Trichloroethane	9.47	97	68943	0.470	ppbv	96
48) Dibromochloromethane	10.30	129	191539	0.862	ppbv	95
49) Bromoform	13.03	173	88394	0.493	ppbv #	36
50) 4-Methyl-2-Pentanone	8.76	43	227774	0.845	ppbv	100
51) 2-Hexanone	10.14	43	15032	0.111	ppbv #	31
52) Tetrachloroethene	11.22	164	111188	0.846	ppbv	97
53) Toluene	9.80	91	345750	0.915	ppbv	100
54) 1,2-Dibromoethane	10.61	107	186075	0.902	ppbv	92
56) 1,1,1,2-Tetrachloroethane	12.12	131	160638	1.022	ppbv #	1
57) Chlorobenzene	12.14	112	295697	0.995	ppbv	98
58) Ethyl Benzene	12.71	91	464834	0.921	ppbv	91
59) m/p-Xylene	12.99	91	302545	0.686	ppbv #	1
60) o-Xylene	13.69	91	428843	1.005	ppbv	100
61) Styrene	13.52	104	158960	0.747	ppbv	92
62) Isopropylbenzene	14.66	105	569796	0.992	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.67	83	337582	1.027	ppbv	99
64) n-propylbenzene	15.56	120	61201	0.434	ppbv #	1
65) tert-Butylbenzene	16.74	119	520153	1.037	ppbv	96
66) Benzyl Chloride	16.98	91	13850	0.258	ppbv #	36
67) sec-Butylbenzene	17.29	105	716639	1.013	ppbv	99
69) p-Isopropyltoluene	17.65	119	566809	1.024	ppbv	97
70) n-Butylbenzene	18.55	91	552658	0.963	ppbv	98
71) 2-Chlorotoluene	15.45	91	415926	0.965	ppbv	100
72) 4-Ethyltoluene	15.84	105	435838	0.927	ppbv	99
73) 1,3,5-Trimethylbenzene	16.00	105	423261	0.965	ppbv	97
74) 1,2,4-Trimethylbenzene	16.76	105	469970	0.997	ppbv	97
75) 1,3-Dichlorobenzene	16.99	146	272932	1.028	ppbv	98
76) 1,4-Dichlorobenzene	17.13	146	242093	0.919	ppbv	92
77) 1,2-Dichlorobenzene	17.82	146	241469	0.964	ppbv	89
78) Hexachloro-1,3-Butadiene	23.38	225	239141	1.066	ppbv	96
79) Naphthalene	22.21	128	181551	0.670	ppbv #	94
80) Naphthalene,2-methyl-	24.98	142	4183	0.092	ppbv #	27
81) 1,2,4-Trichlorobenzene	21.93	180	89671	0.534	ppbv #	10

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



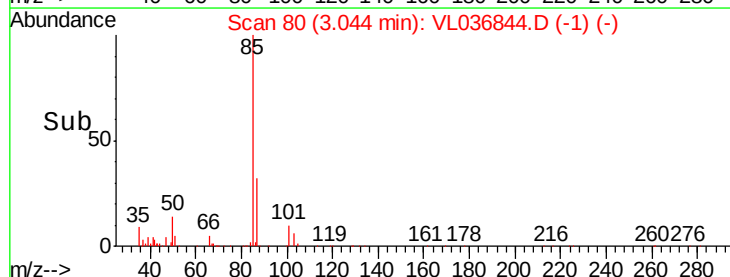
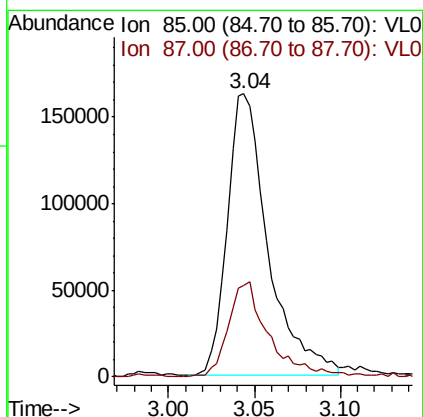
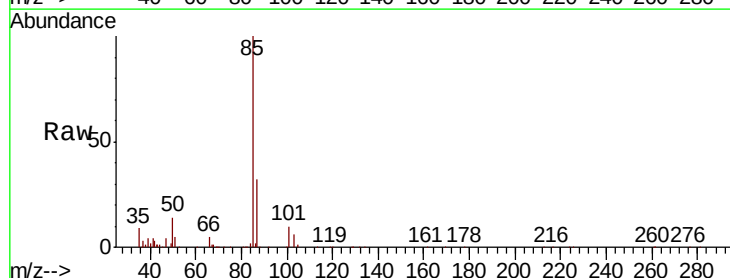
#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.66
 Instrument: MSVOA_L
 Delta R.T.:
 Lab File: ClientSampleId :
 Acq: 27 Apr 2021 2:44

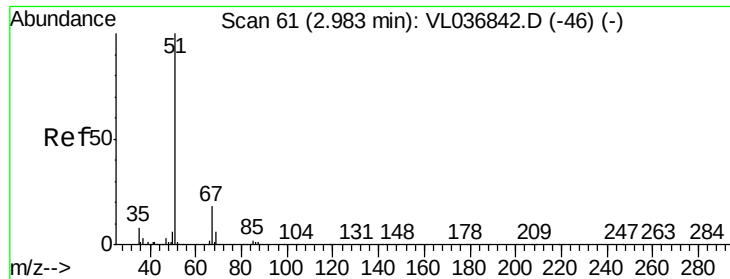
Tot Ion: 49 Resp: 1532863
 Ion Ratio Lower Upper
 49 100
 128 48.4 24.4 73.2
 130 61.1 30.1 90.5



#2
 Dichlorodifluoromethane
 Concen: 1.084 ppbv
 RT: 3.04 min Scan# 80
 Delta R.T.: 0.00 min
 Lab File: VL036844.D
 Acq: 27 Apr 2021 2:44

Tgt Ion: 85 Resp: 270144
 Ion Ratio Lower Upper
 85 100
 87 32.4 26.2 39.2





#3

Chlorodifluoromethane

Concen: 1.073 ppbv

RT: 2.99 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

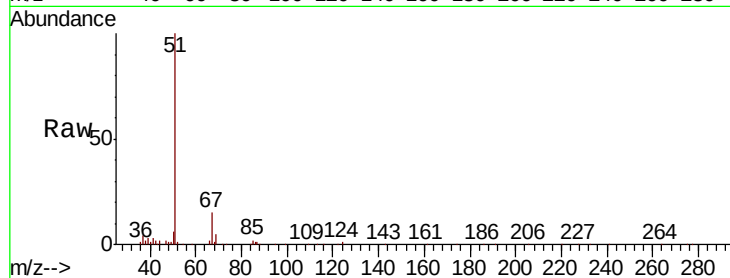
Acq: 27 Apr 2021 2:44

Tot Ion: 51 Resp: 306848

Ion Ratio Lower Upper

51 100

67 17.9 14.8 22.2



Abundance Ion 51.00 (50.70 to 51.70): VL0

Ion 67.00 (66.70 to 67.70): VL0

200000

150000

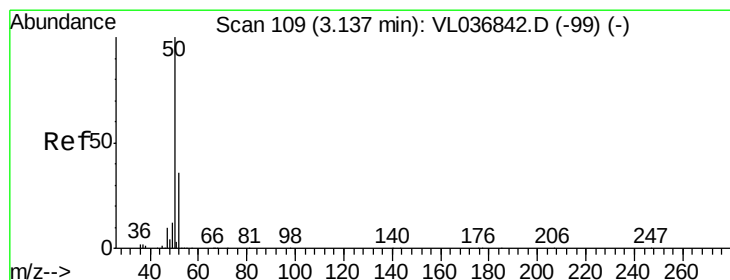
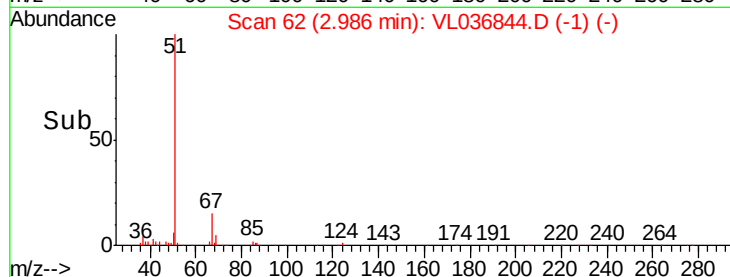
100000

50000

0

2.90 3.00 3.10

Time-->



#4

Chloromethane

Concen: 0.927 ppbv

RT: 3.14 min Scan# 109

Delta R.T. 0.00 min

Lab File: VL036844.D

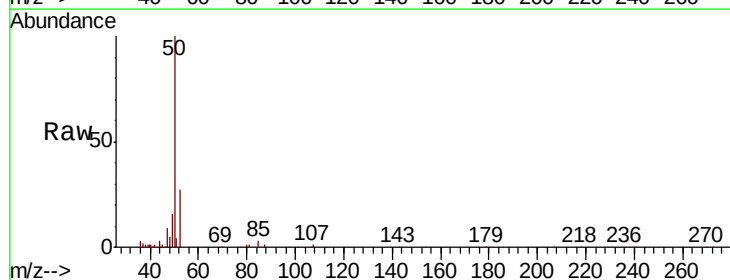
Acq: 27 Apr 2021 2:44

Tgt Ion: 50 Resp: 92575

Ion Ratio Lower Upper

50 100

52 26.6 28.5 42.7#



Abundance Ion 50.10 (49.80 to 50.80): VL0

Ion 52.10 (51.80 to 52.80): VL0

60000

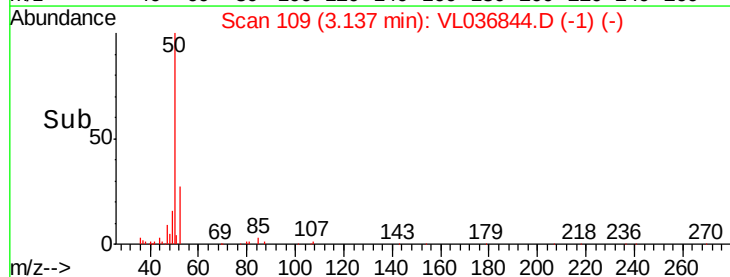
40000

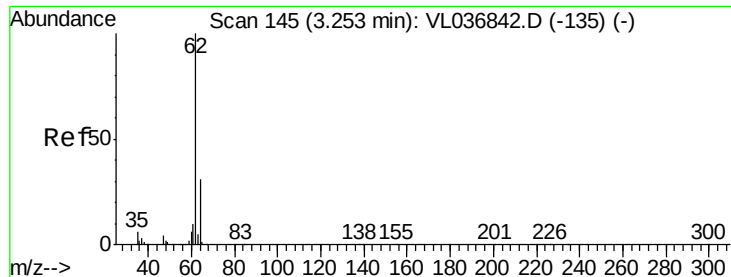
20000

0

3.10 3.12 3.14 3.16

Time-->





#5

Vinyl Chloride

Concen: 0.936 ppbv

RT: 3.25 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

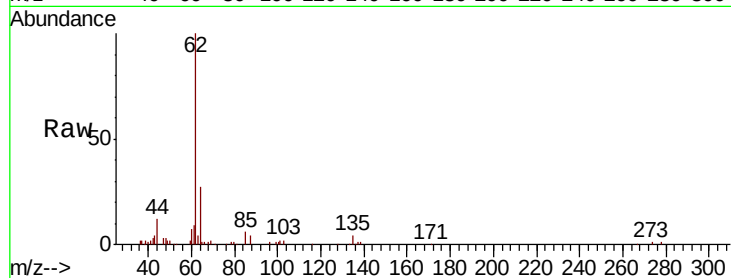
Acq: 27 Apr 2021 2:44

Tot Ion: 62 Resp: 95915

Ion Ratio Lower Upper

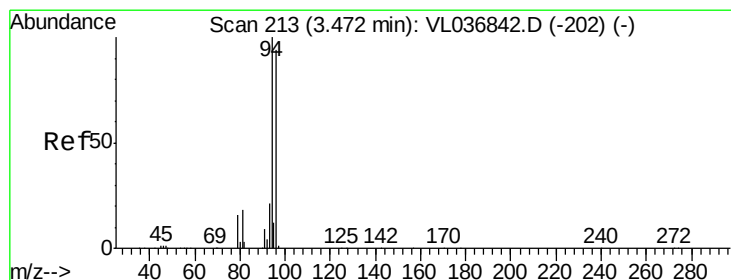
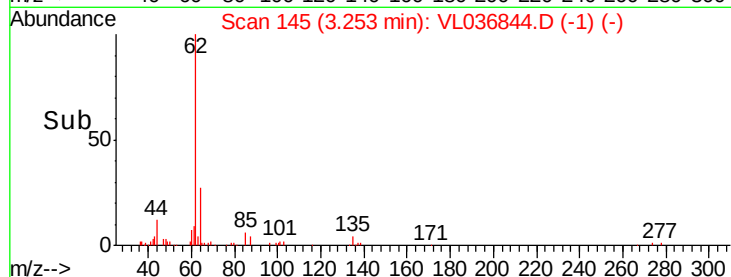
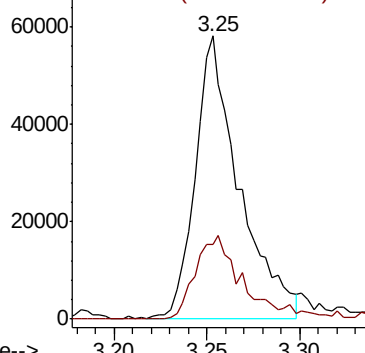
62 100

64 26.6 25.0 37.4



Abundance Ion 62.10 (61.80 to 62.80): VL0

Ion 64.10 (63.80 to 64.80): VL0



#6

Bromomethane

Concen: 0.936 ppbv

RT: 3.47 min Scan# 213

Delta R.T. 0.00 min

Lab File: VL036844.D

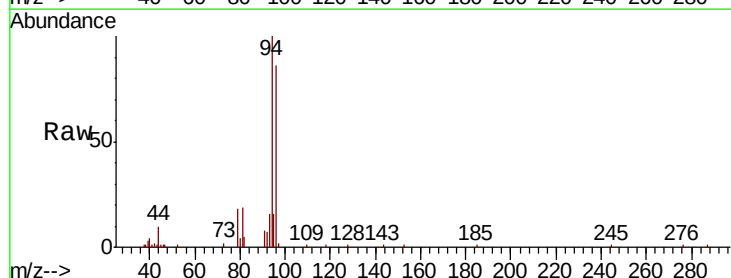
Acq: 27 Apr 2021 2:44

Tgt Ion: 94 Resp: 52494

Ion Ratio Lower Upper

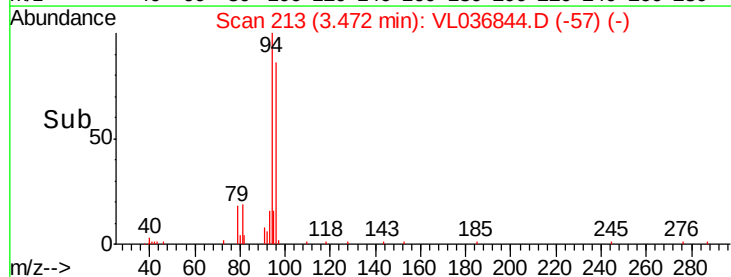
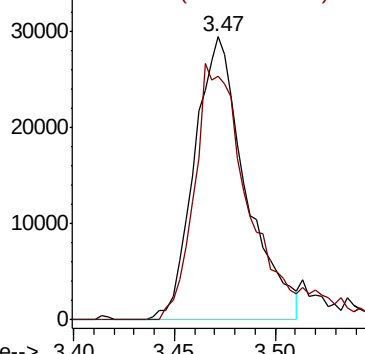
94 100

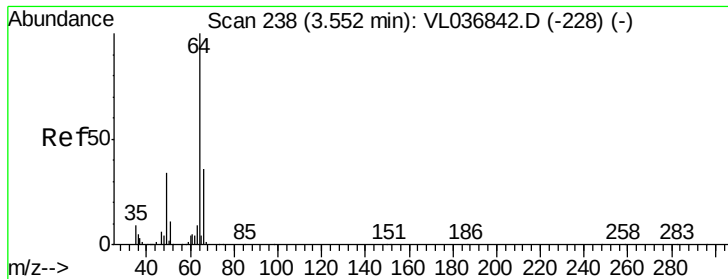
96 86.1 75.4 113.0



Abundance Ion 94.00 (93.70 to 94.70): VL0

Ion 96.00 (95.70 to 96.70): VL0





#7

Chloroethane

Concen: 0.862 ppbv

RT: 3.56 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

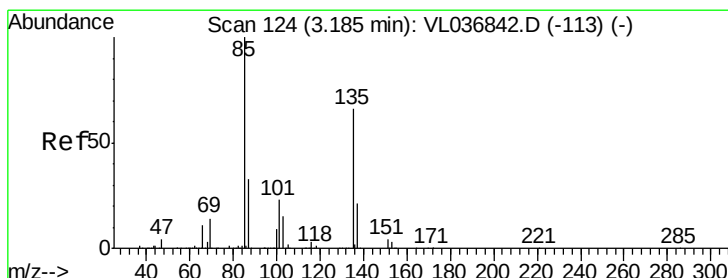
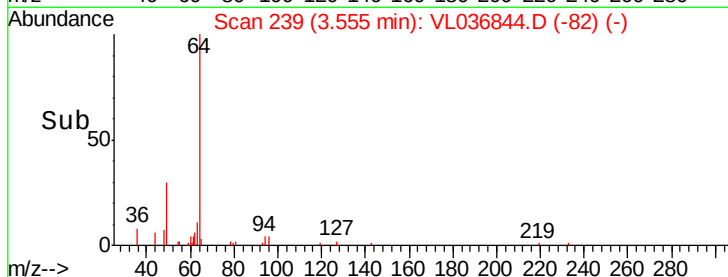
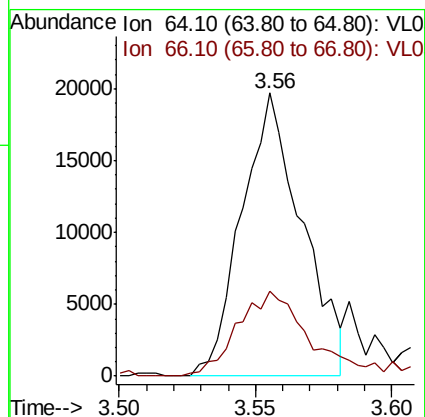
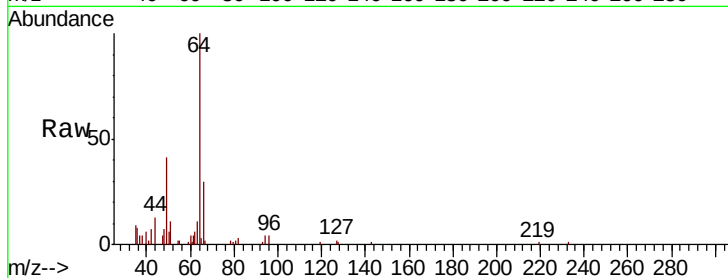
Acq: 27 Apr 2021 2:44

Tot Ion: 64 Resp: 30227

Ion Ratio Lower Upper

64 100

66 30.0 29.0 43.6



#8

Dichlorotetrafluoroethane

Concen: 1.000 ppbv

RT: 3.18 min Scan# 123

Delta R.T. -0.00 min

Lab File: VL036844.D

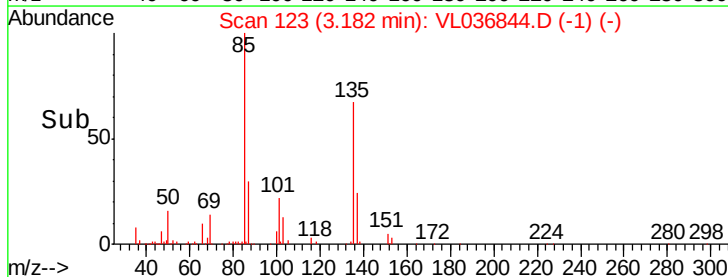
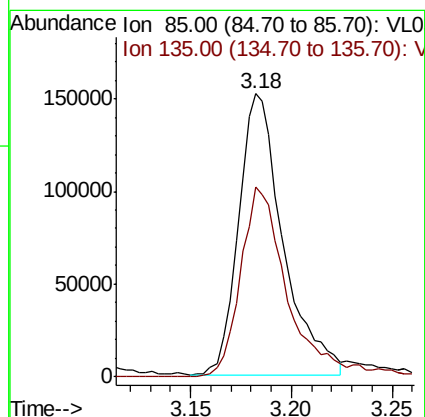
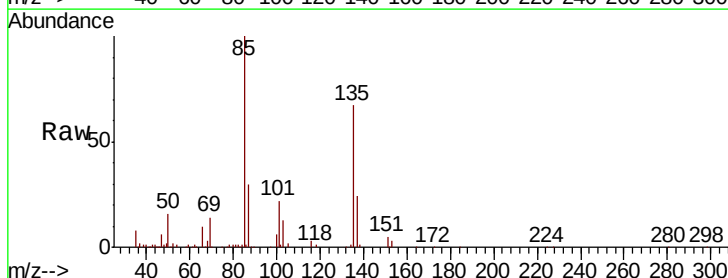
Acq: 27 Apr 2021 2:44

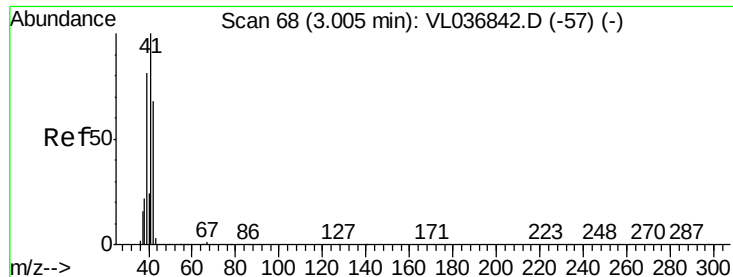
Tgt Ion: 85 Resp: 235386

Ion Ratio Lower Upper

85 100

135 72.6 56.2 84.4





#9

Propene

Concen: 0.986 ppbv

RT: 3.01 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

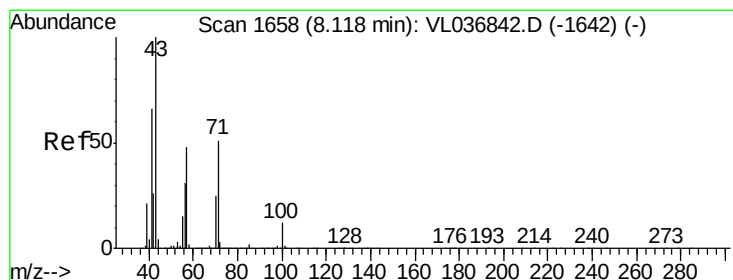
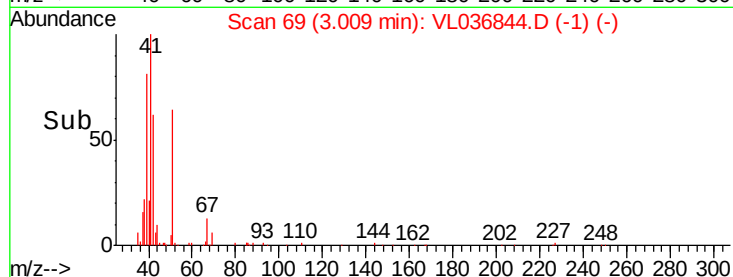
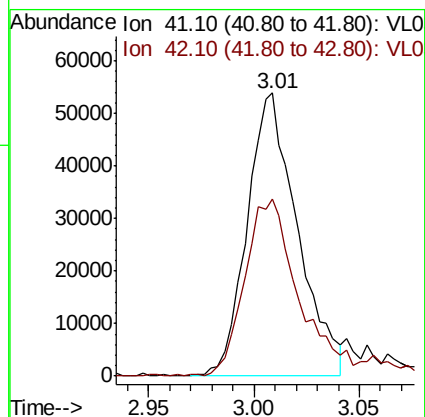
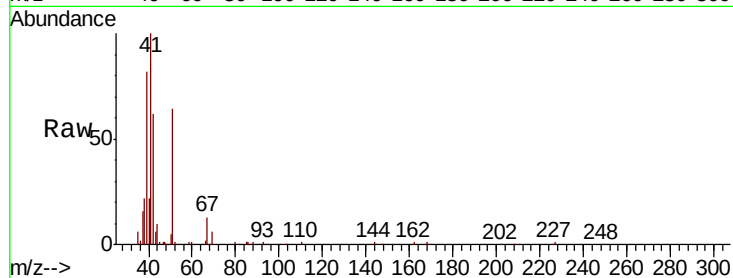
Acq: 27 Apr 2021 2:44

Tot Ion: 41 Resp: 89369

Ion Ratio Lower Upper

41 100

42 73.6 56.0 84.0



#10

Heptane

Concen: 0.935 ppbv

RT: 8.11 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VL036844.D

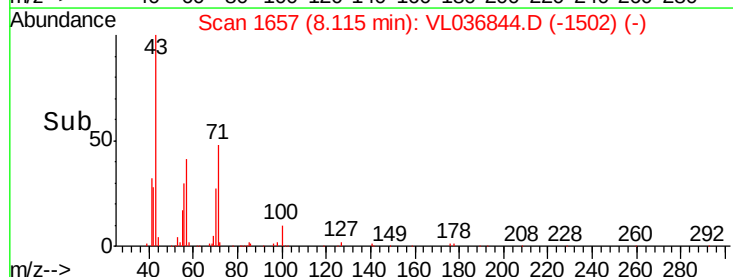
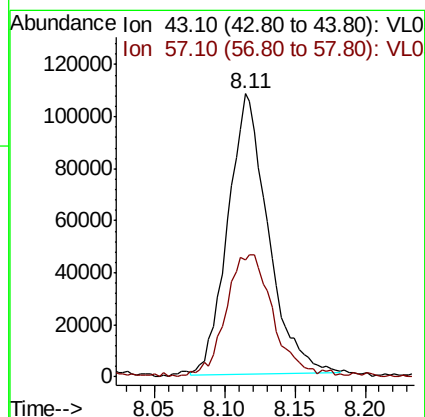
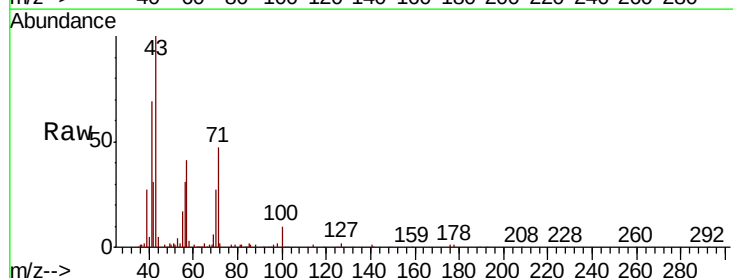
Acq: 27 Apr 2021 2:44

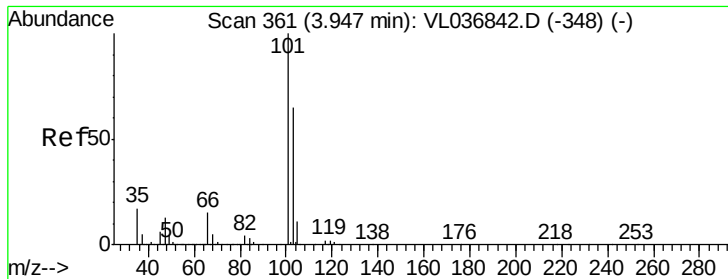
Tgt Ion: 43 Resp: 215892

Ion Ratio Lower Upper

43 100

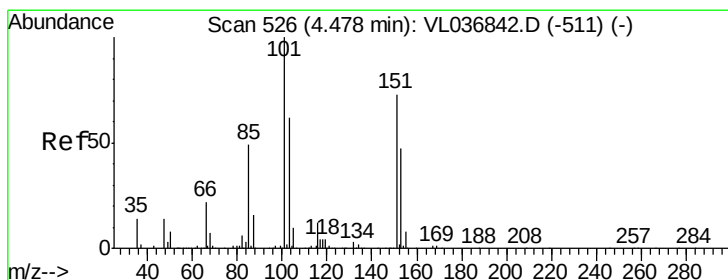
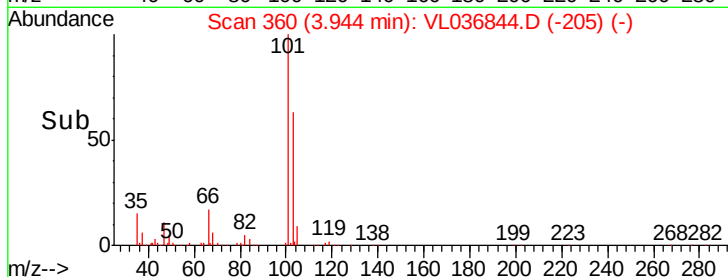
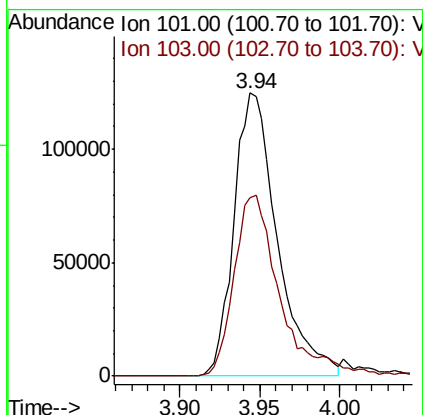
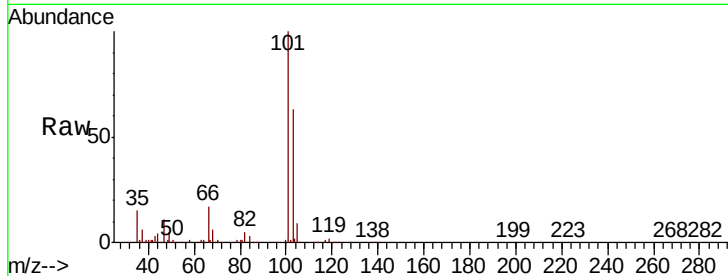
57 52.4 39.0 58.6





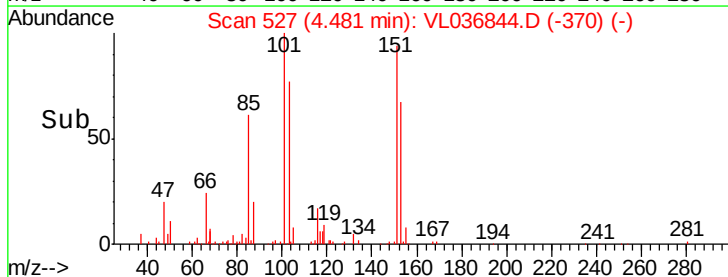
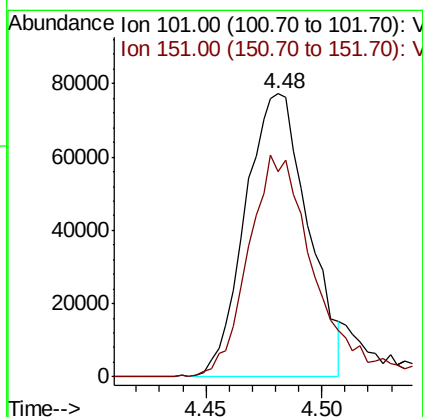
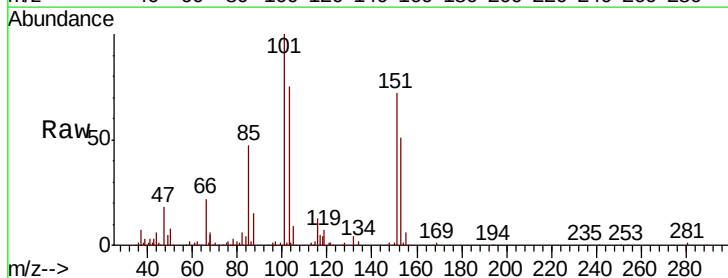
#11
 Trichlorofluoromethane
 Concen: 0.926 ppbv
 RT: 3.94 Instrument :
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 27 Apr 2021 2:44

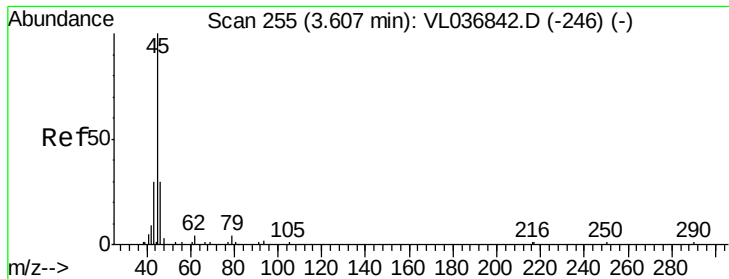
Tot Ion:101 Resp: 230369
 Ion Ratio Lower Upper
 101 100
 103 62.9 51.6 77.4



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.901 ppbv
 RT: 4.48 min Scan# 527
 Delta R.T. 0.00 min
 Lab File: VL036844.D
 Acq: 27 Apr 2021 2:44

Tgt Ion:101 Resp: 143973
 Ion Ratio Lower Upper
 101 100
 151 85.8 61.1 91.7





#13

Ethanol

Concen: 0.744 ppbv

RT: 3.62 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

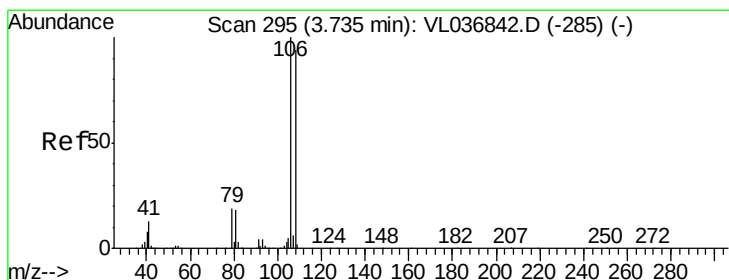
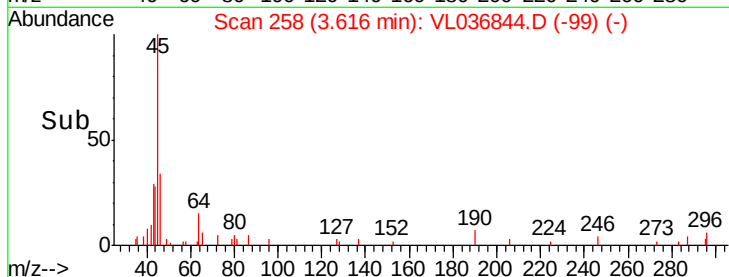
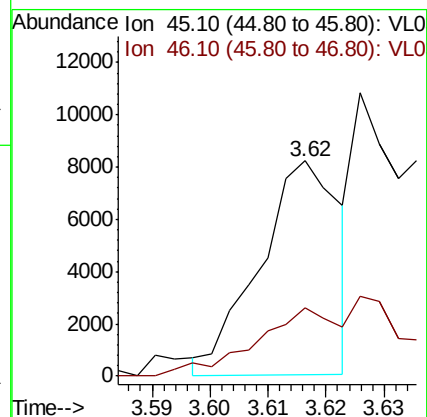
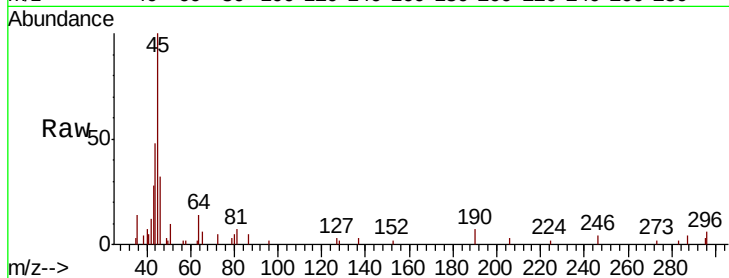
Acq: 27 Apr 2021 2:44

Tot Ion: 45 Resp: 7808

Ion Ratio Lower Upper

45 100

46 0.0 16.4 65.8#



#14

Bromoethene

Concen: 0.918 ppbv

RT: 3.74 min Scan# 296

Delta R.T. 0.00 min

Lab File: VL036844.D

Acq: 27 Apr 2021 2:44

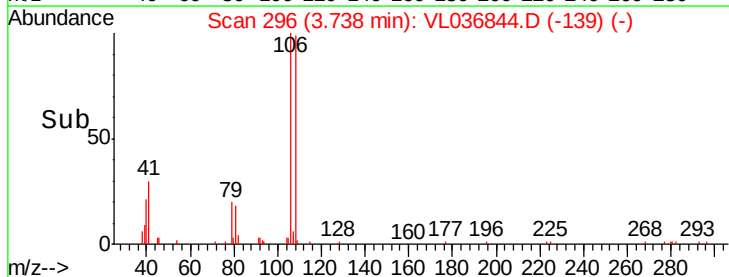
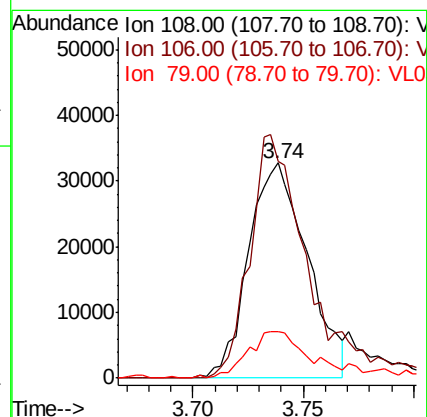
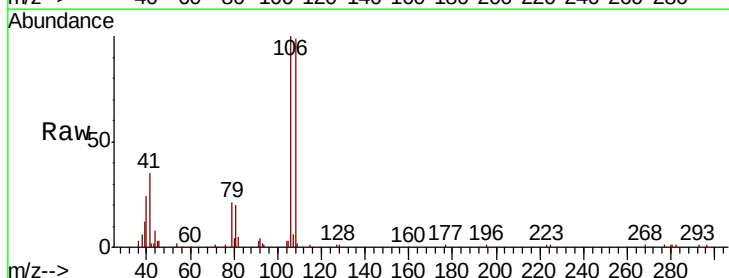
Tgt Ion: 108 Resp: 60627

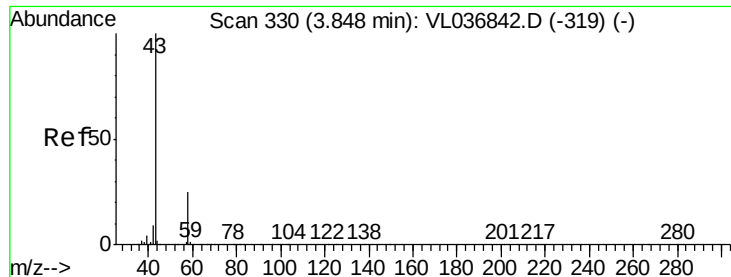
Ion Ratio Lower Upper

108 100

106 116.1 88.5 132.7

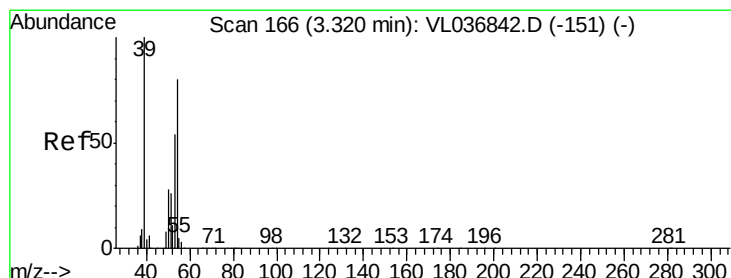
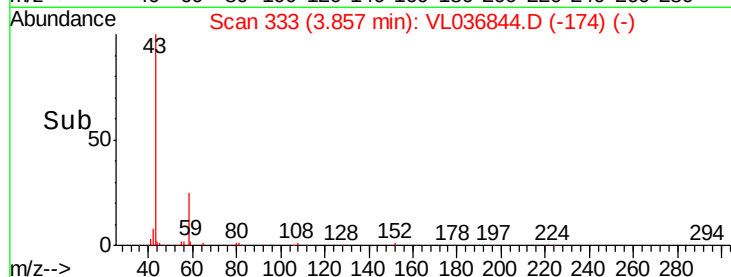
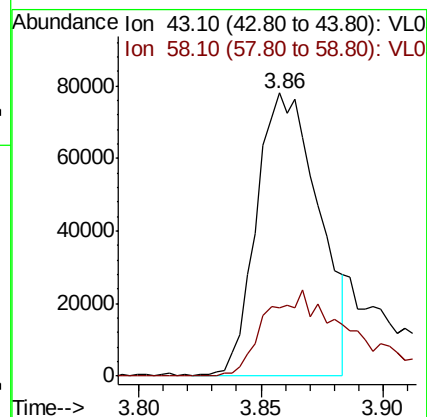
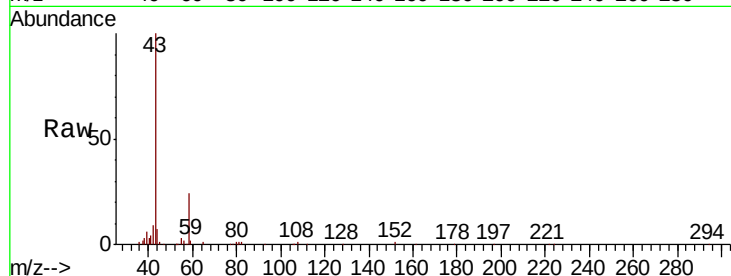
79 27.2 17.9 26.9#





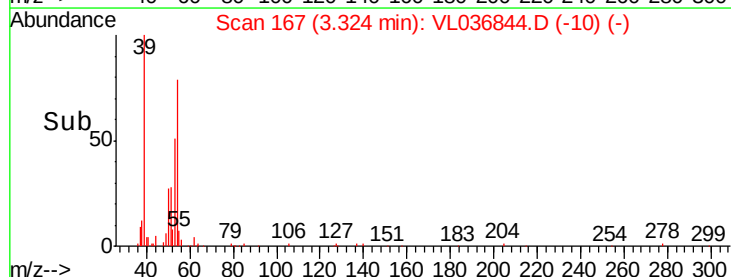
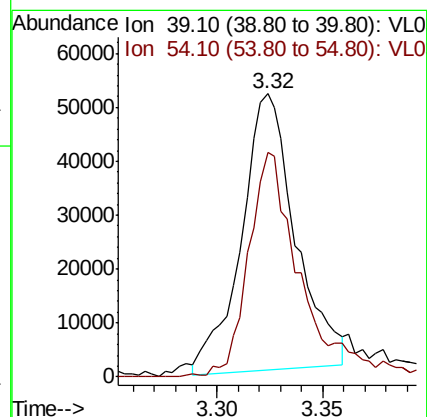
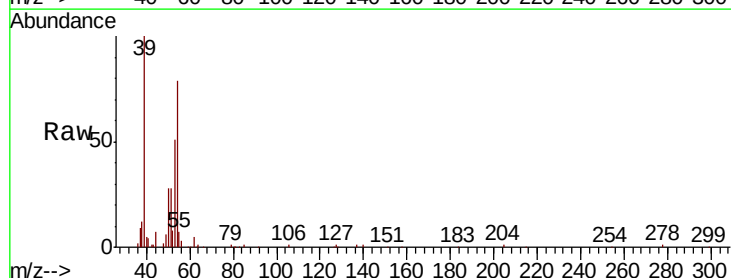
#15
Acetone
Concen: 0.934 ppbv
RT: 3.86
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 27 Apr 2021 2:44

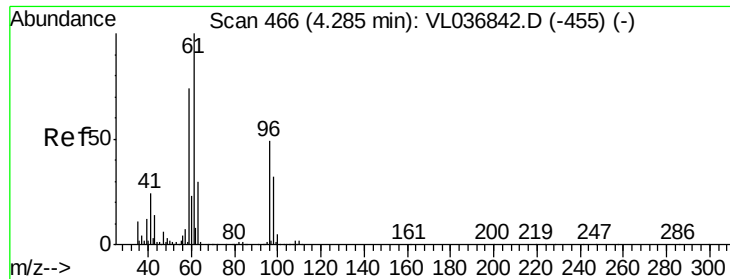
Tot Ion: 43 Resp: 138014
Ion Ratio Lower Upper
43 100
58 47.2 21.7 32.5#



#16
1,3-Butadiene
Concen: 0.896 ppbv
RT: 3.32 min Scan# 167
Delta R.T. 0.00 min
Lab File: VL036844.D
Acq: 27 Apr 2021 2:44

Tgt Ion: 39 Resp: 92108
Ion Ratio Lower Upper
39 100
54 79.6 59.6 89.4





#18

1,1-Dichloroethene

Concen: 0.884 ppbv

RT: 4.28 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 27 Apr 2021 2:44

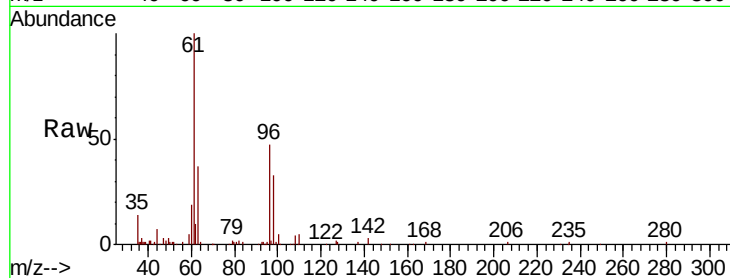
Tot Ion: 96 Resp: 62236

Ion Ratio Lower Upper

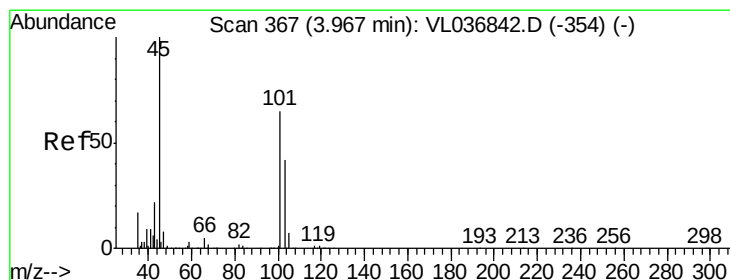
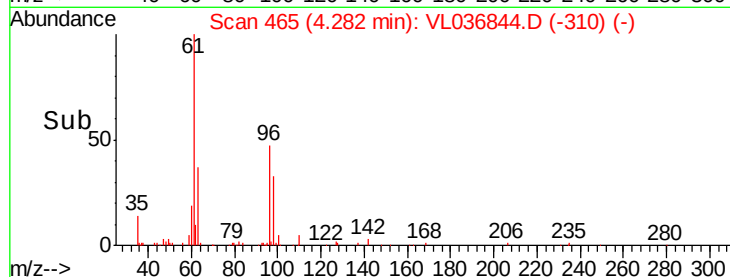
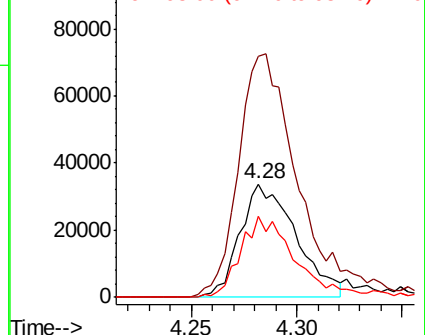
96 100

61 213.4 162.2 243.2

98 70.7 51.8 77.6



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



#19

Isopropyl Alcohol

Concen: 0.287 ppbv

RT: 3.98 min Scan# 372

Delta R.T. 0.02 min

Lab File: VL036844.D

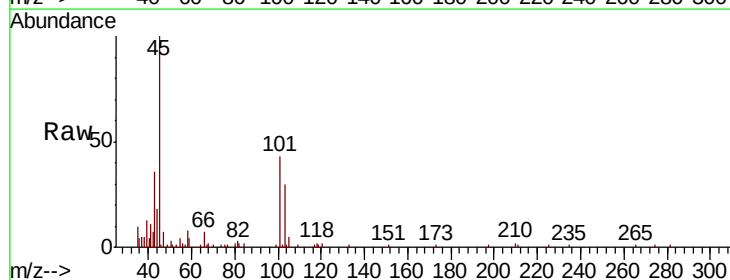
Acq: 27 Apr 2021 2:44

Tgt Ion: 45 Resp: 23109

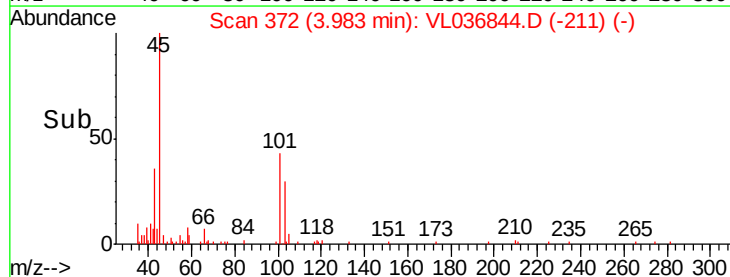
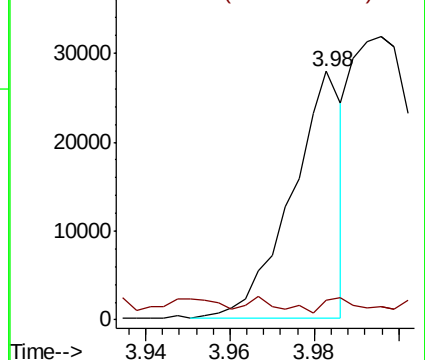
Ion Ratio Lower Upper

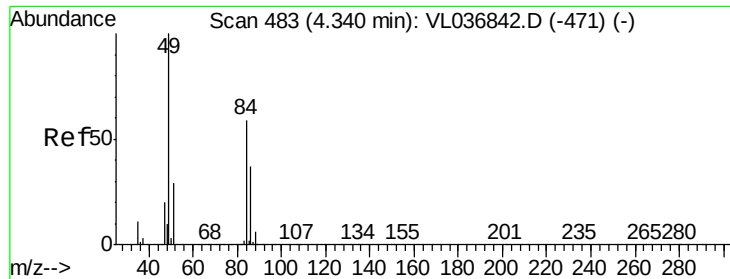
45 100

58 45.6 2.6 4.0#



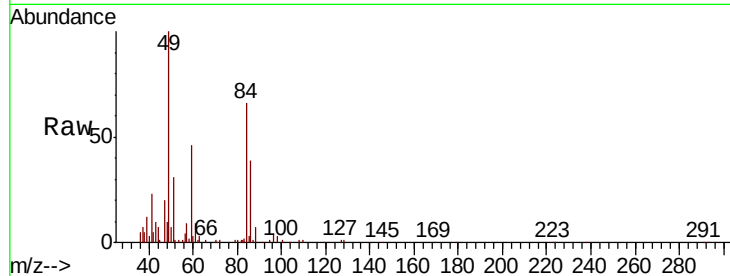
Abundance Ion 45.10 (44.80 to 45.80): VL0
Ion 58.10 (57.80 to 58.80): VL0



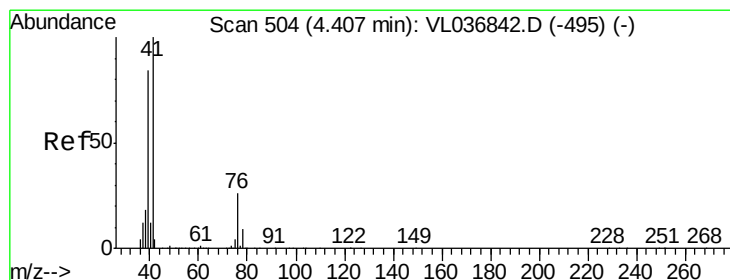
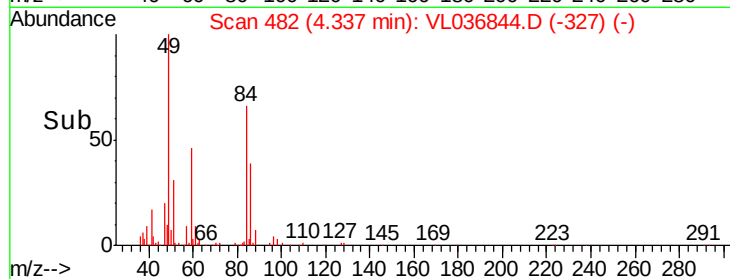
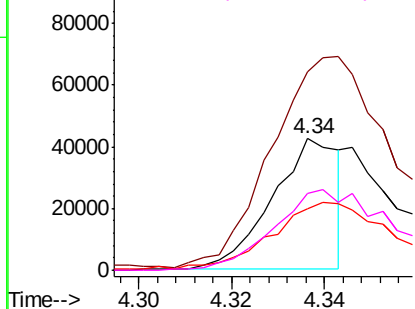


#20
Methylene Chloride
Concen: 0.611 ppbv
RT: 4.34 Instrument: MSVOA_1
Delta R.T. ClientSampleId:
Lab File:
Acq: 27 Apr 2021 2:44

Tot Ion:	84	Resp:	41961
Ion	Ratio	Lower	Upper
84	100		
49	146.2	135.4	203.0
51	43.3	39.3	58.9
86	58.6	50.2	75.2

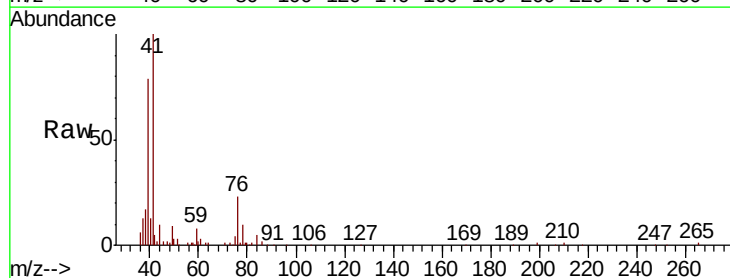


Abundance Ion 84.00 (83.70 to 84.70): VL0
Ion 49.10 (48.80 to 49.80): VL0
Ion 51.10 (50.80 to 51.80): VL0
Ion 86.00 (85.70 to 86.70): VL0

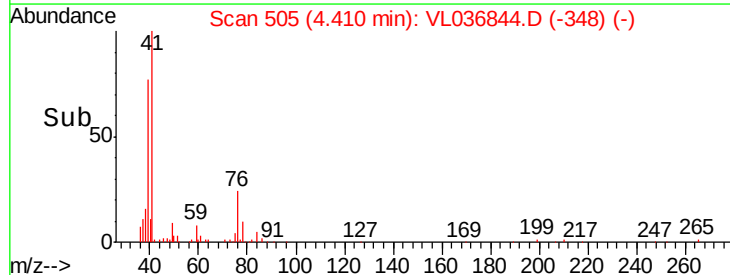
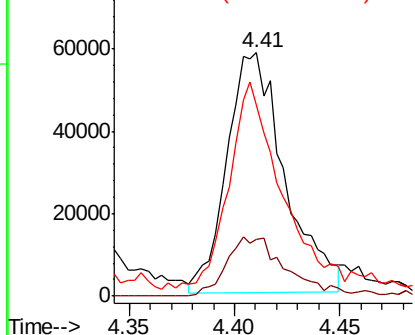


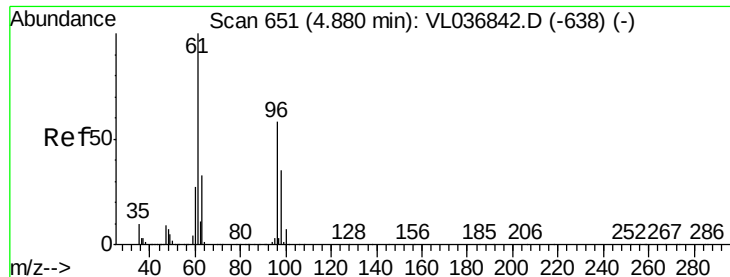
#21
Allyl Chloride
Concen: 0.949 ppbv
RT: 4.41 min Scan# 505
Delta R.T. 0.00 min
Lab File: VL036844.D
Acq: 27 Apr 2021 2:44

Tgt Ion:	41	Resp:	110921
Ion	Ratio	Lower	Upper
41	100		
76	26.4	22.4	33.6
39	93.1	68.4	102.6



Abundance Ion 41.10 (40.80 to 41.80): VL0
Ion 76.10 (75.80 to 76.80): VL0
Ion 39.10 (38.80 to 39.80): VL0





#22

trans-1,2-Dichloroethene

Concen: 1.050 ppbv

RT: 4.88 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 27 Apr 2021 2:44

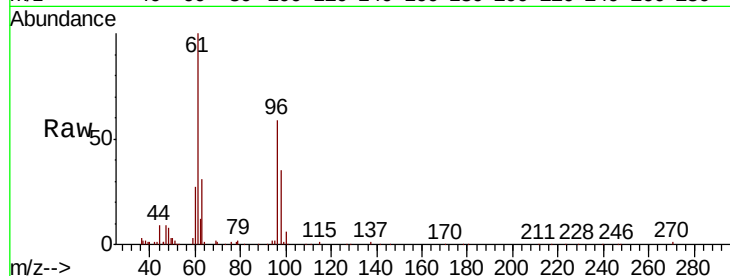
Tot Ion: 96 Resp: 69620

Ion Ratio Lower Upper

96 100

61 168.2 138.6 207.8

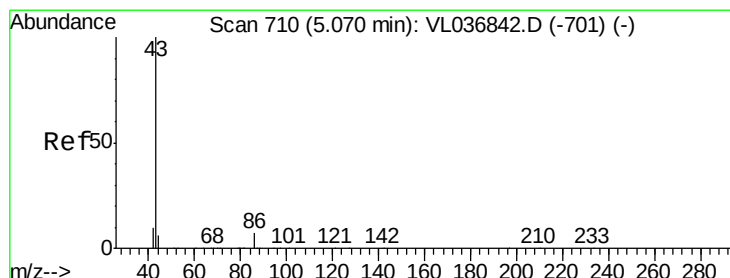
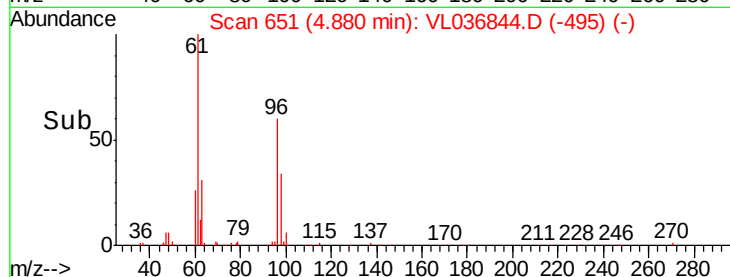
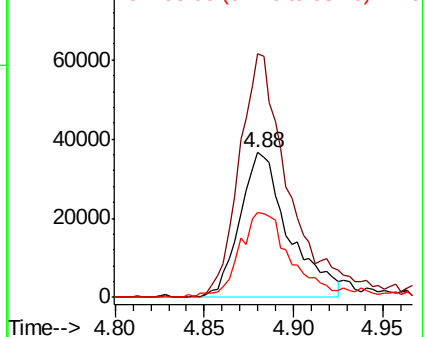
98 56.4 48.1 72.1



Abundance Ion 96.00 (95.70 to 96.70): VL0

Ion 61.10 (60.80 to 61.80): VL0

Ion 98.00 (97.70 to 98.70): VL0



#23

Vinyl Acetate

Concen: 0.834 ppbv

RT: 5.08 min Scan# 712

Delta R.T. 0.01 min

Lab File: VL036844.D

Acq: 27 Apr 2021 2:44

Tgt Ion: 43 Resp: 207574

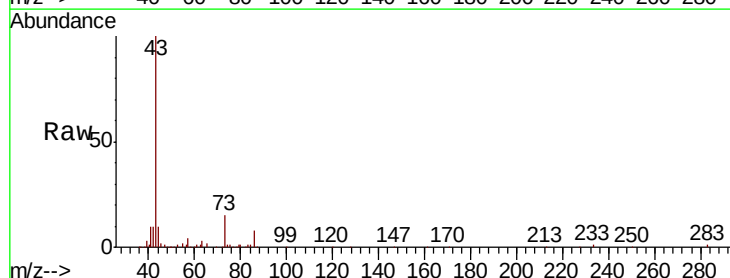
Ion Ratio Lower Upper

43 100

86 8.0 5.3 7.9#

42 7.6 8.7 13.1#

44 5.4 3.9 5.9

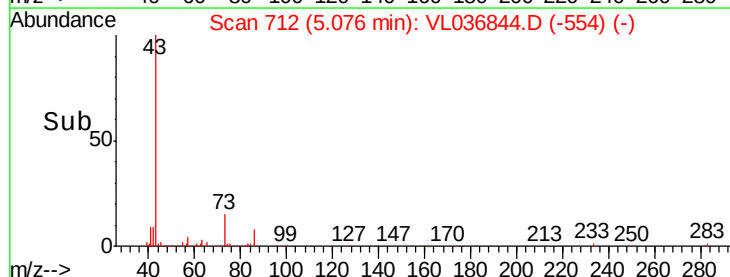
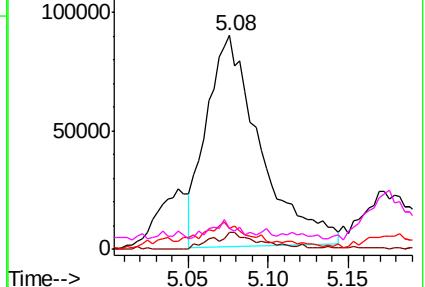


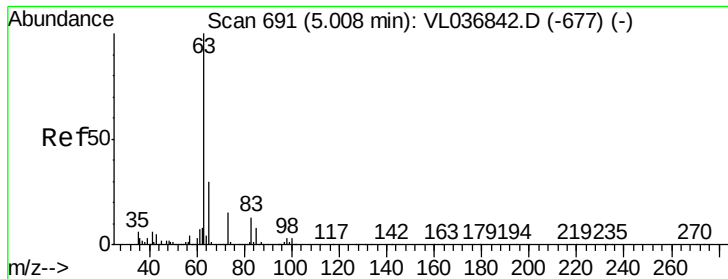
Abundance Ion 43.10 (42.80 to 43.80): VL0

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: 0.811 ppbv

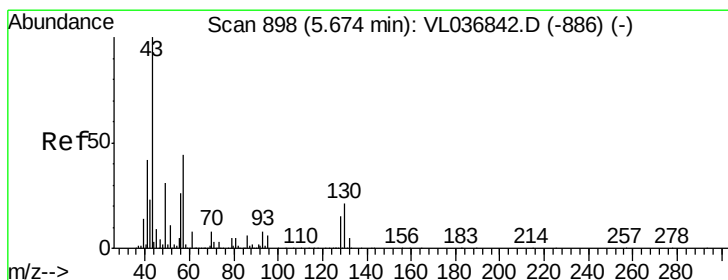
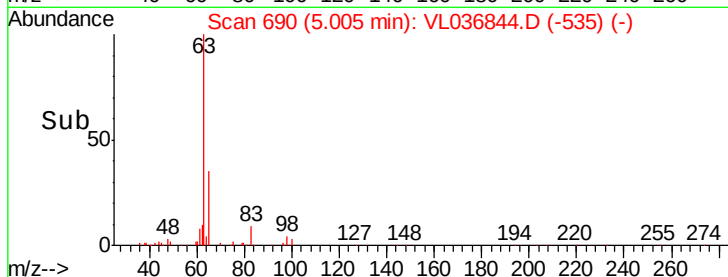
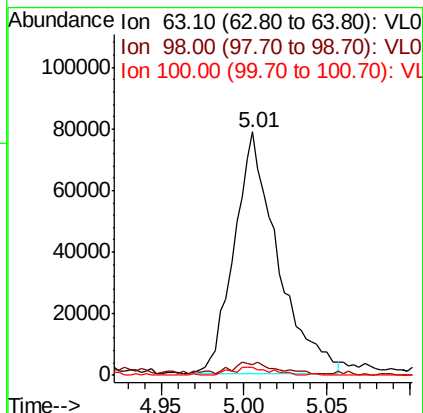
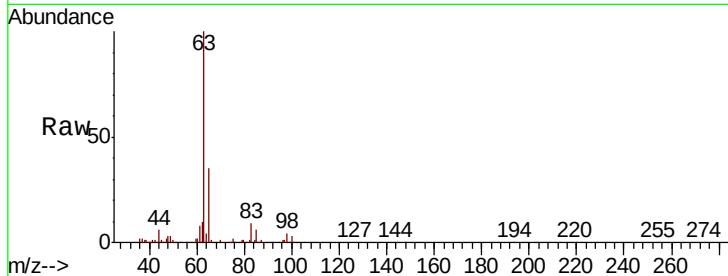
RT: 5.01 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 27 Apr 2021 2:44

Tot Ion:	63	Resp:	143737
Ion	Ratio	Lower	Upper
63	100		
98	3.8	1.7	5.1
100	3.3	1.3	3.8



#25

Ethyl Acetate

Concen: 1.079 ppbv

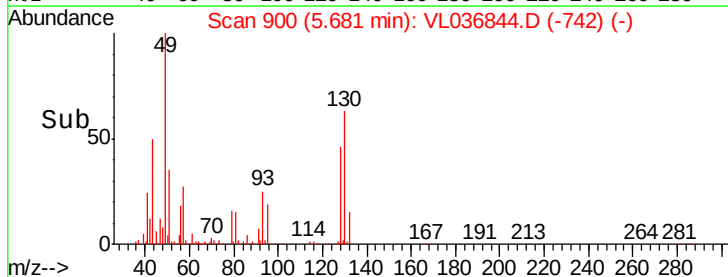
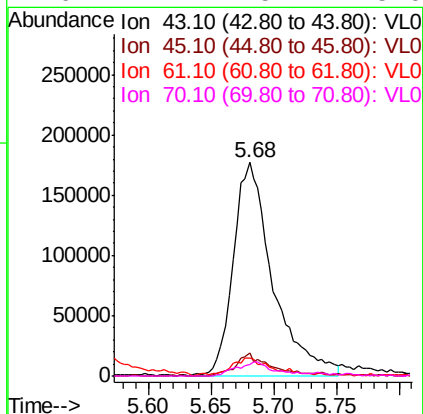
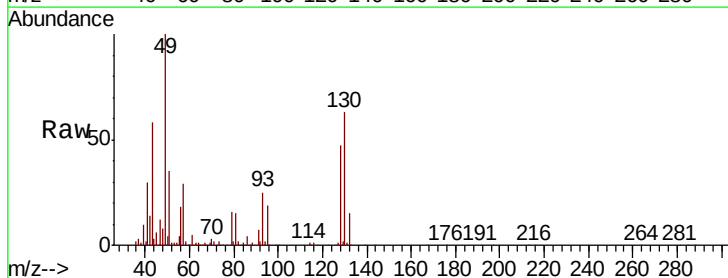
RT: 5.68 min Scan# 900

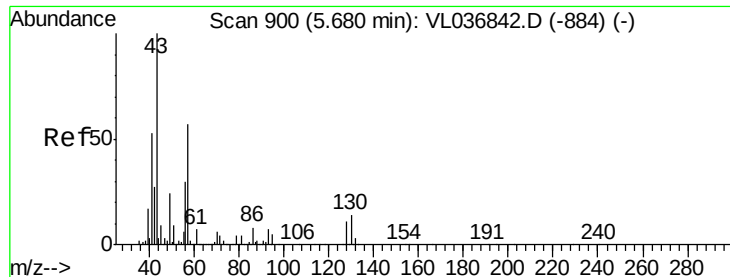
Delta R.T. 0.01 min

Lab File: VL036844.D

Acq: 27 Apr 2021 2:44

Tgt Ion:	43	Resp:	385503
Ion	Ratio	Lower	Upper
43	100		
45	10.4	7.8	11.6
61	10.1	7.6	11.4
70	7.7	5.4	8.0





#26

Hexane

Concen: 1.094 ppbv

RT: 5.68

Delta R.T. MSVOA_L

Lab File:

Acq: 27 Apr 2021 2:44

Tot Ion: 57 Resp: 179829

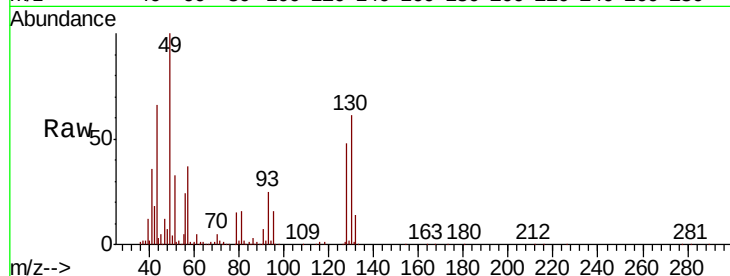
Ion Ratio Lower Upper

57 100

41 106.0 77.7 116.5

43 224.8 180.5 270.7

56 61.3 44.6 66.8

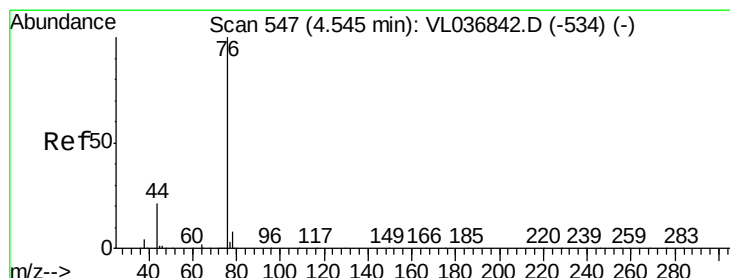
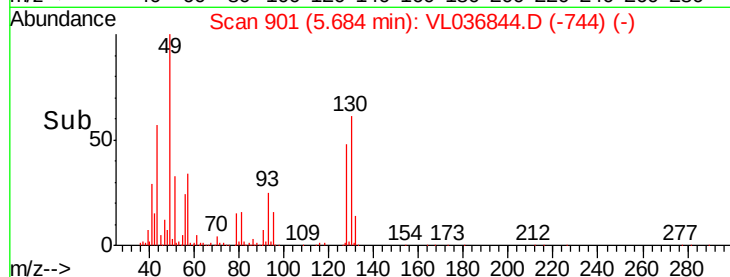
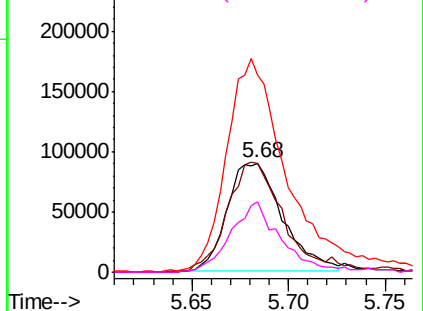


Abundance Ion 57.10 (56.80 to 57.80): VL0

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: 0.870 ppbv

RT: 4.55 min Scan# 547

Delta R.T. 0.00 min

Lab File: VL036844.D

Acq: 27 Apr 2021 2:44

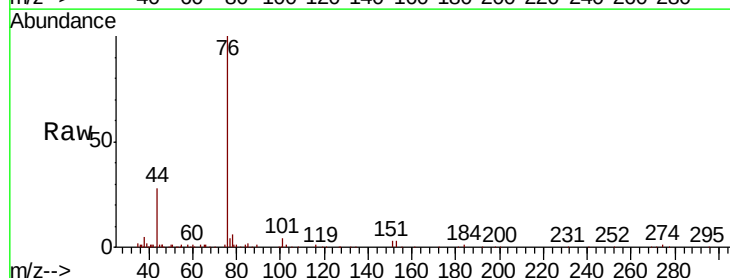
Tgt Ion: 76 Resp: 140391

Ion Ratio Lower Upper

76 100

44 26.1 16.9 25.3#

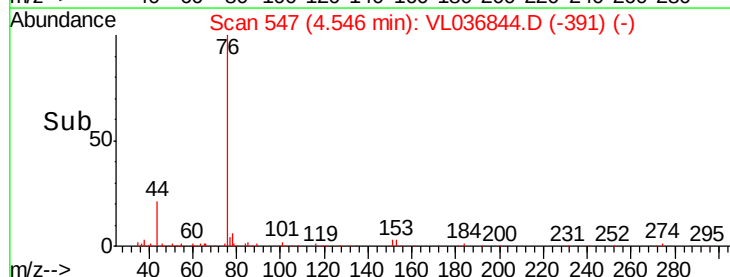
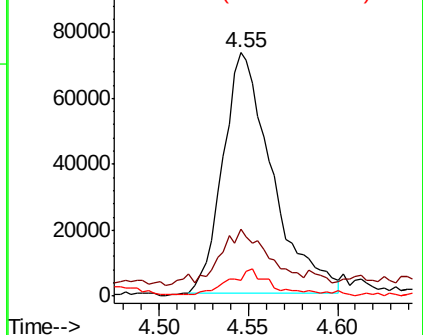
78 11.0 7.9 11.9

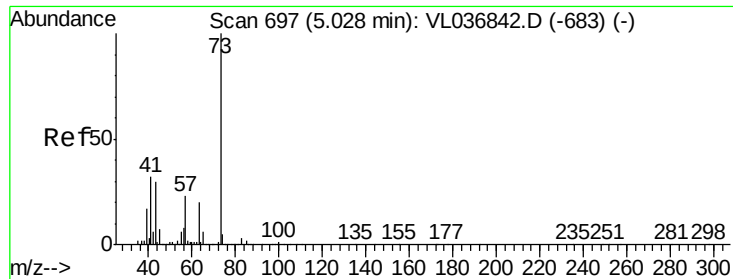


Abundance Ion 76.00 (75.70 to 76.70): VL0

Ion 44.10 (43.80 to 44.80): VL0

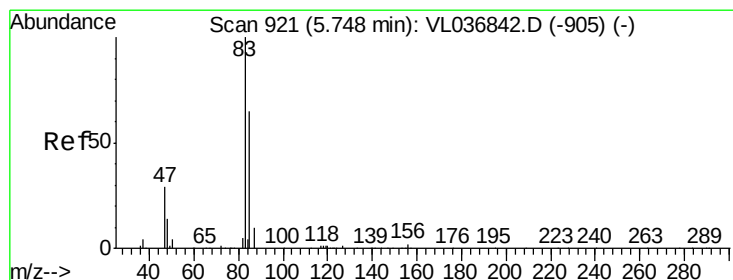
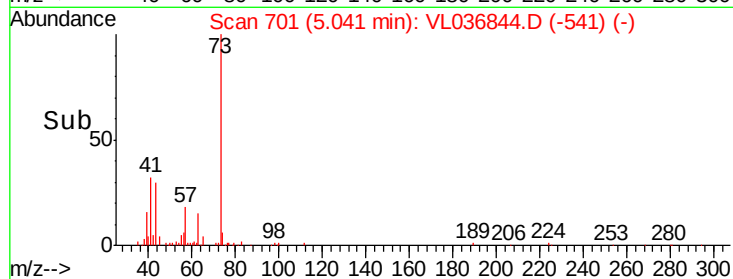
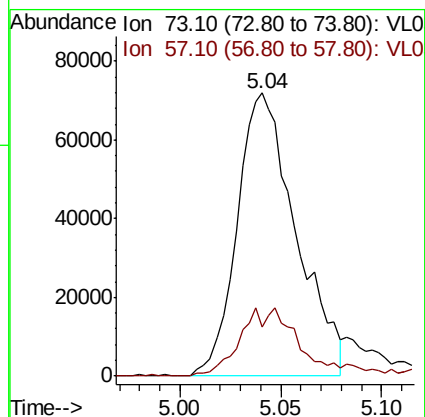
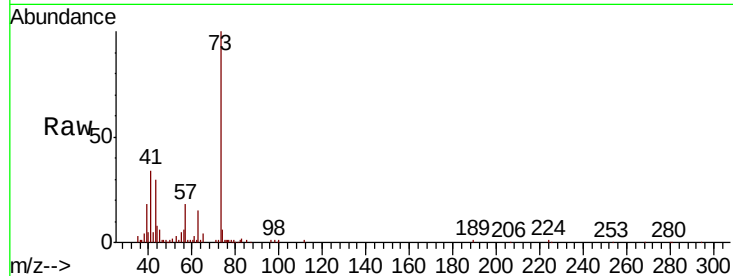
Ion 78.00 (77.70 to 78.70): VL0





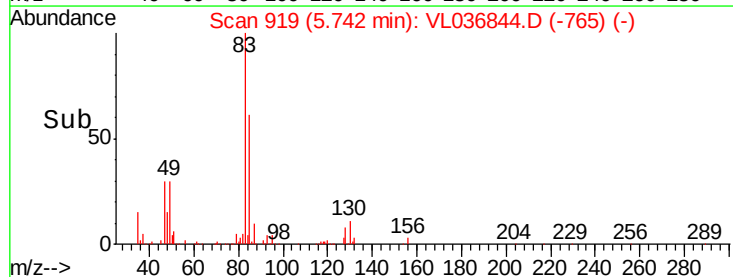
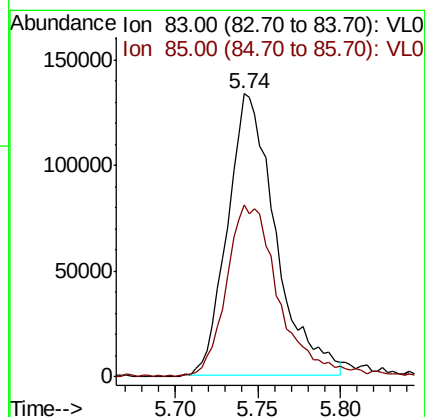
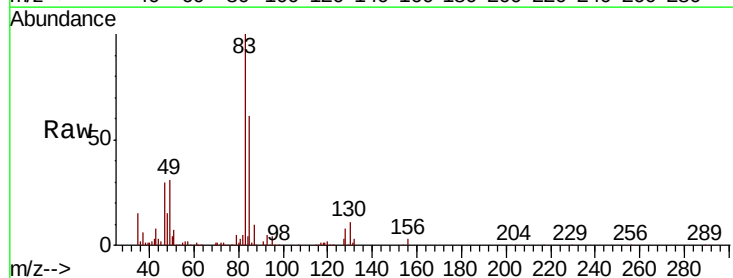
#28
Methyl tert-Butyl Ether
Concen: 0.788 ppbv
RT: 5.04 Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
Acq: 27 Apr 2021 2:44

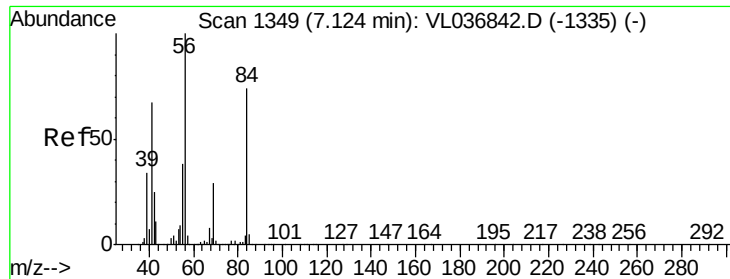
Tot Ion: 73 Resp: 146433
Ion Ratio Lower Upper
73 100
57 25.9 19.0 28.6



#29
Chloroform
Concen: 1.012 ppbv
RT: 5.74 min Scan# 919
Delta R.T. -0.01 min
Lab File: VL036844.D
Acq: 27 Apr 2021 2:44

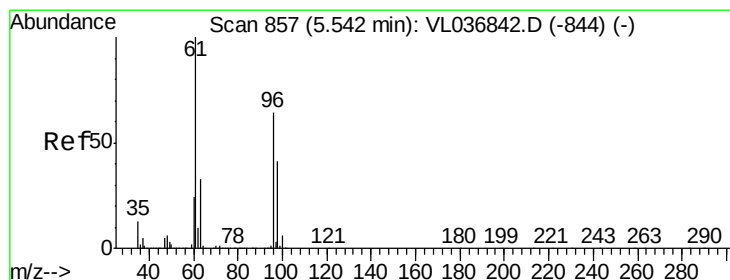
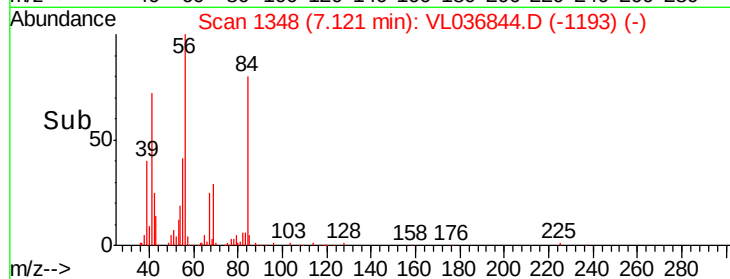
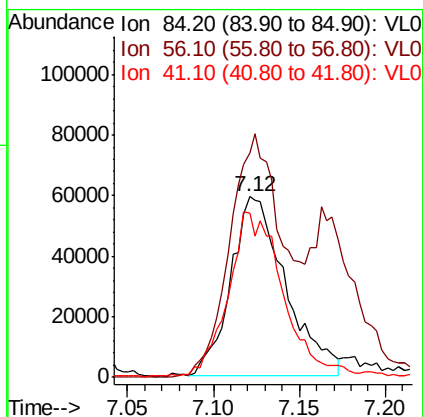
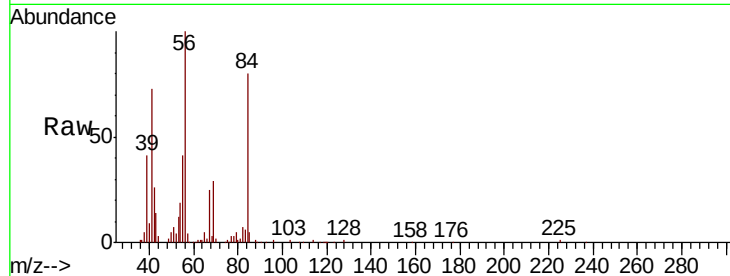
Tgt Ion: 83 Resp: 268774
Ion Ratio Lower Upper
83 100
85 60.1 52.2 78.4





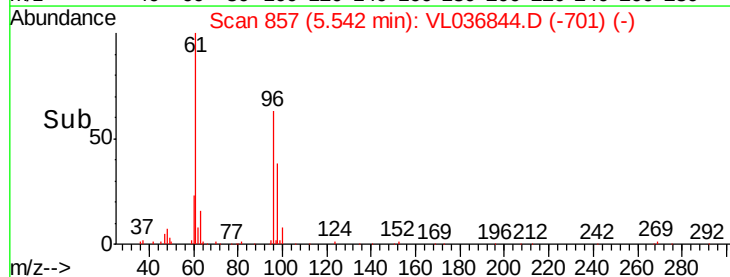
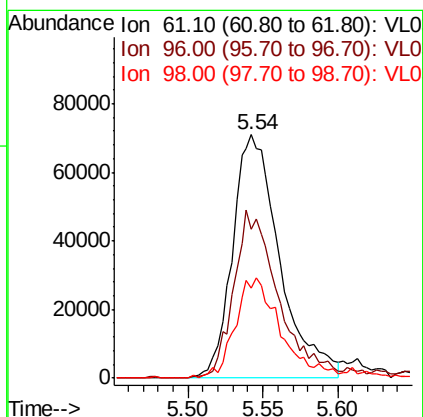
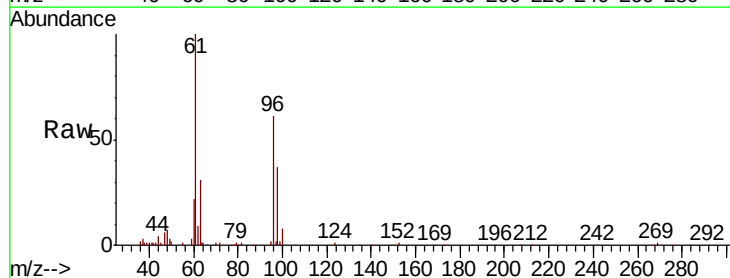
#30
Cyclohexane
Concen: 0.977 ppbv
RT: 7.12
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 27 Apr 2021 2:44

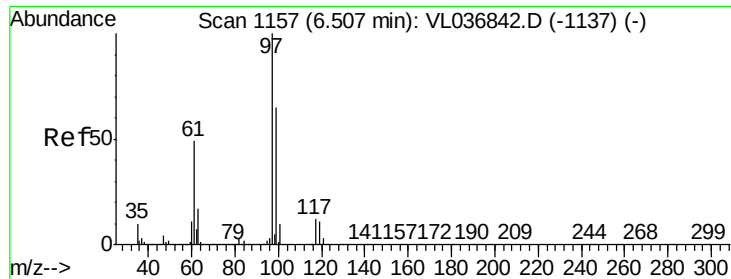
Tot Ion	84	Resp	130860
Ion Ratio	Lower	Upper	
84	100		
56	130.4	115.8	173.6
41	94.1	74.6	111.8



#31
cis-1,2-Dichloroethene
Concen: 0.983 ppbv
RT: 5.54 min Scan# 857
Delta R.T. 0.00 min
Lab File: VL036844.D
Acq: 27 Apr 2021 2:44

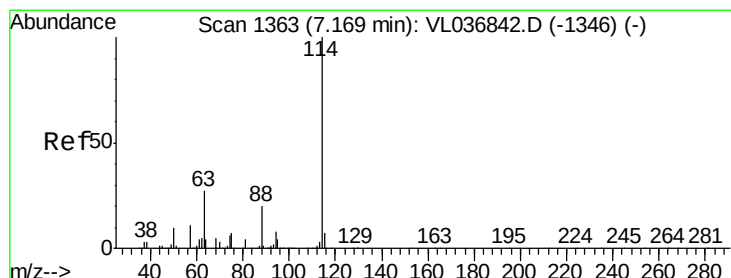
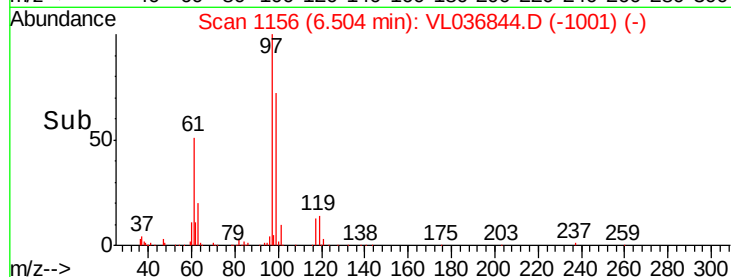
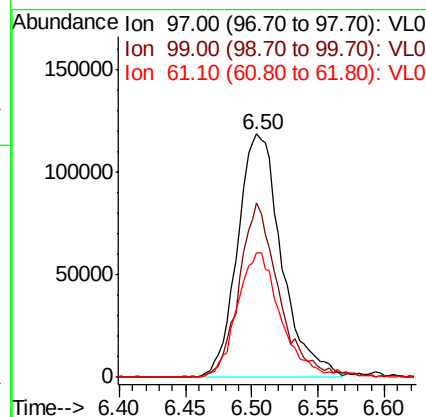
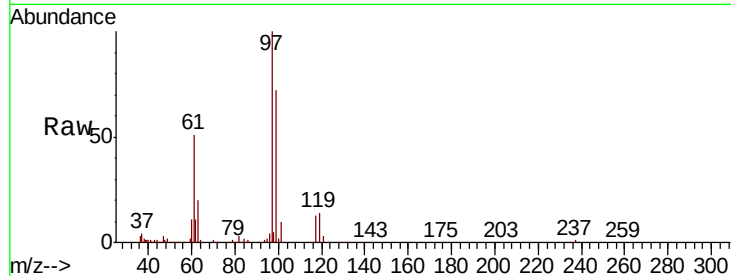
Tgt Ion	61	Resp	155786
Ion Ratio	Lower	Upper	
61	100		
96	61.4	51.0	76.6
98	36.8	32.7	49.1





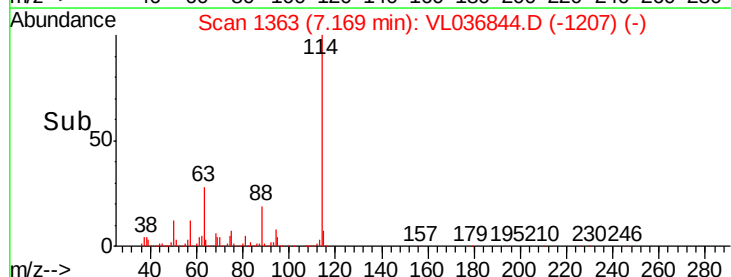
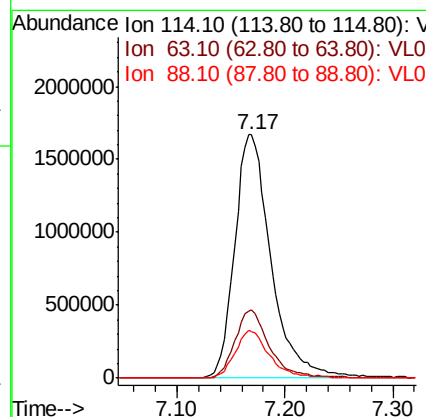
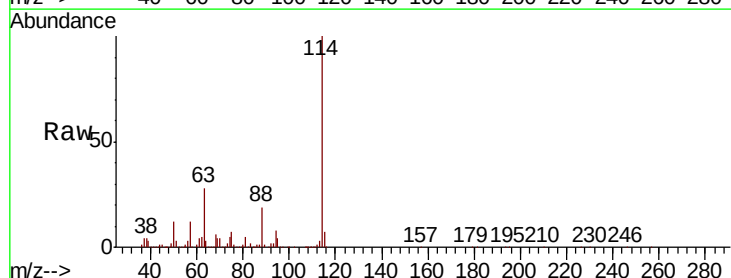
#32
 1,1,1-Trichloroethane
 Concen: 1.027 ppbv
 RT: 6.50 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 Acq: 27 Apr 2021 2:44

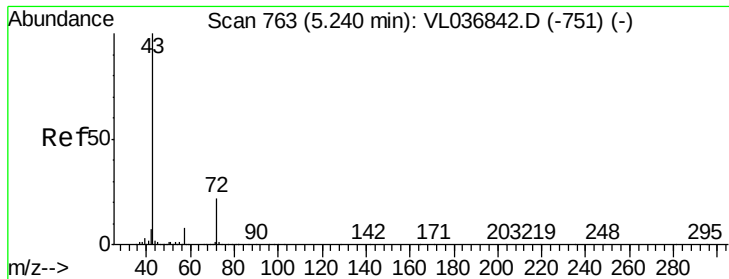
Tot Ion	Ratio	Lower	Upper
97	100		
99	65.3	51.8	77.6
61	51.9	40.8	61.2



#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.17 min Scan# 1363
 Delta R.T.: 0.00 min
 Lab File: VL036844.D
 Acq: 27 Apr 2021 2:44

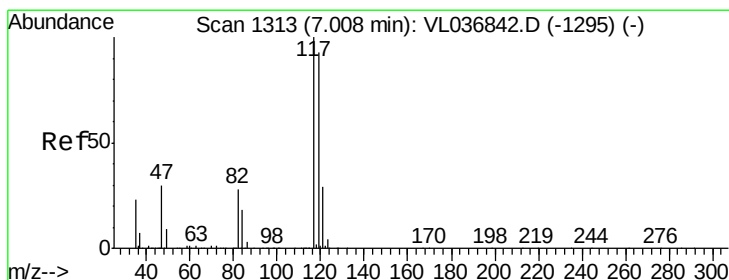
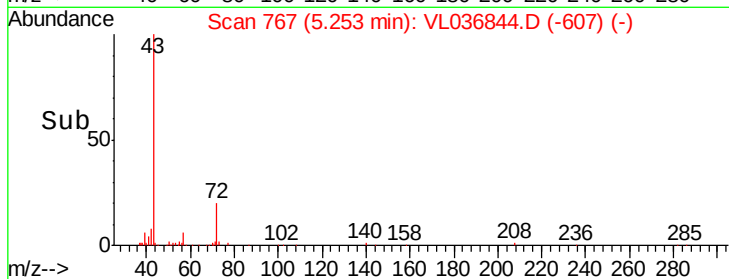
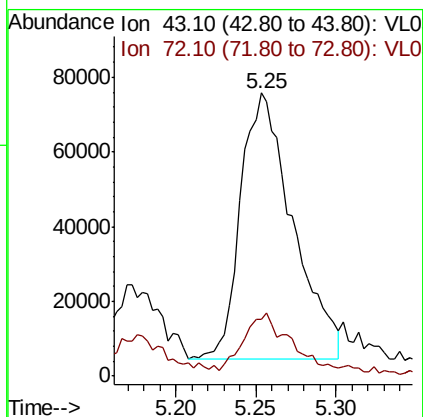
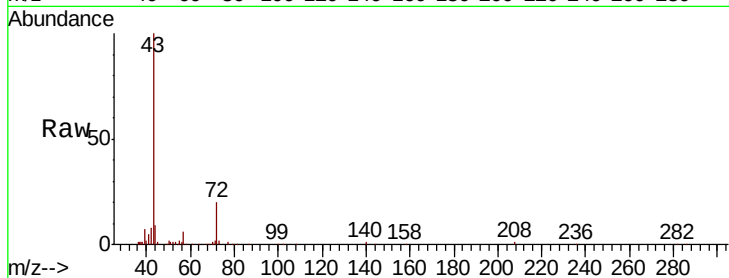
Tgt Ion	Ratio	Lower	Upper
114	100		
63	27.1	21.9	32.9
88	19.0	15.1	22.7





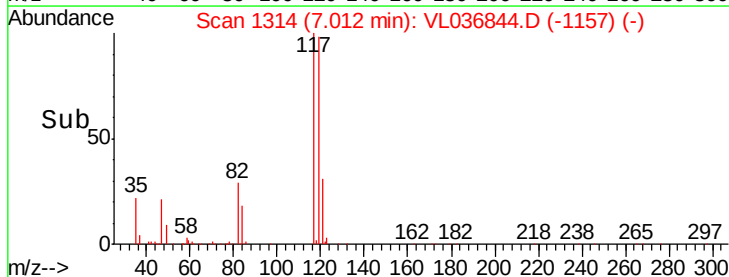
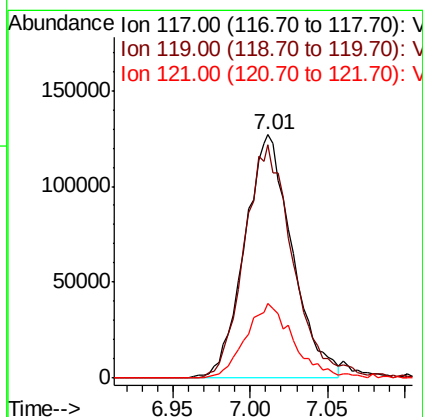
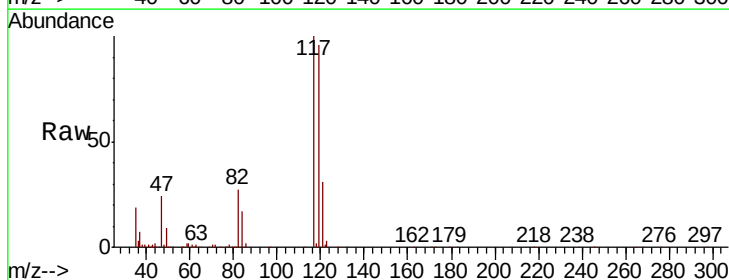
#34
 2-Butanone
 Concen: 0.849 ppbv
 RT: 5.25 Instrument : MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId :
 Acq: 27 Apr 2021 2:44

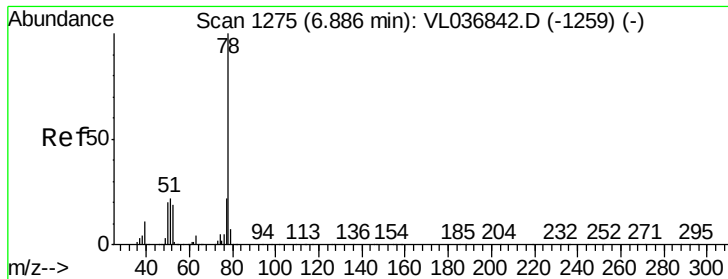
Tot Ion: 43 Resp: 158364
 Ion Ratio Lower Upper
 43 100
 72 24.8 17.5 26.3



#35
 Carbon Tetrachloride
 Concen: 0.912 ppbv
 RT: 7.01 min Scan# 1314
 Delta R.T. 0.00 min
 Lab File: VL036844.D
 Acq: 27 Apr 2021 2:44

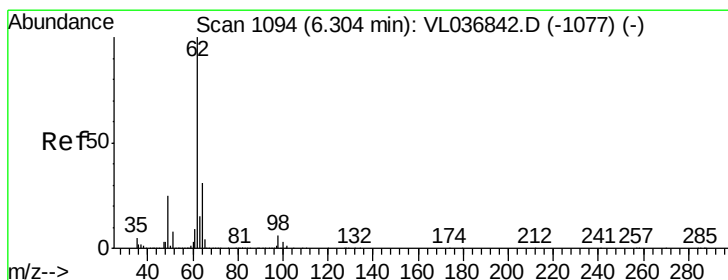
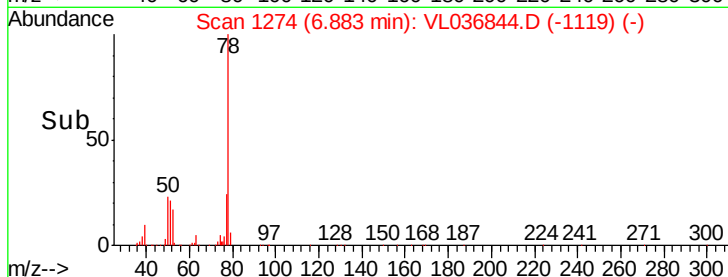
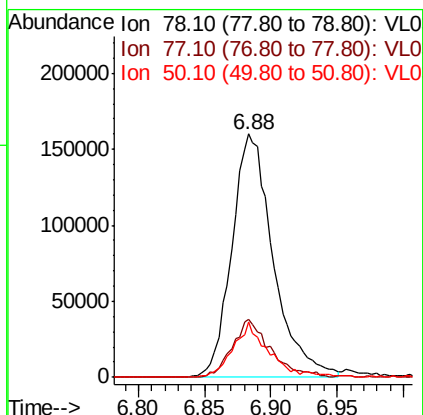
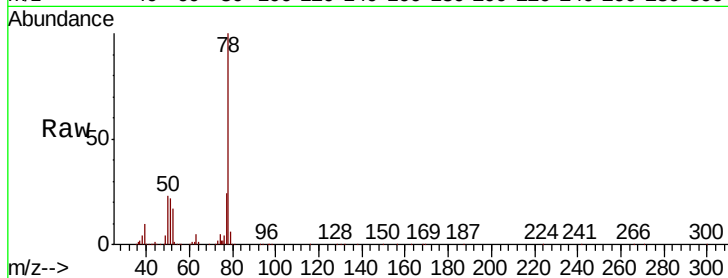
Tgt Ion: 117 Resp: 271520
 Ion Ratio Lower Upper
 117 100
 119 95.3 74.6 111.8
 121 30.4 23.3 34.9





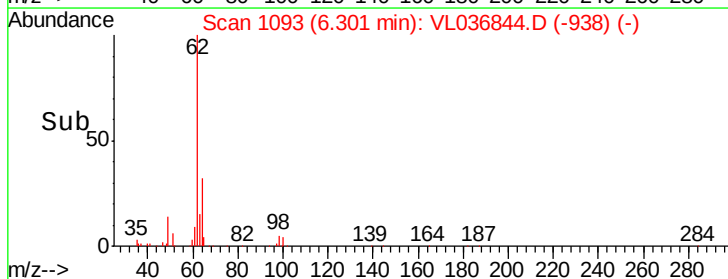
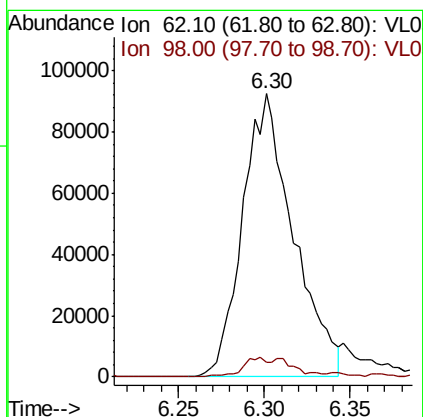
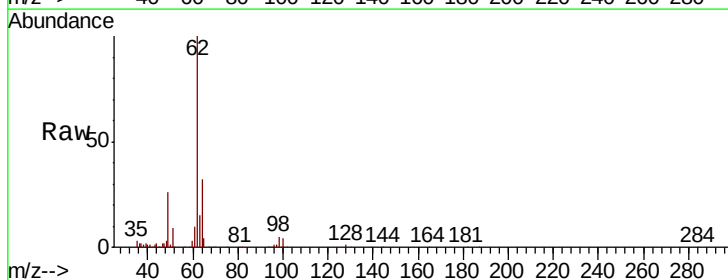
#36
Benzene
Concen: 0.975 ppbv
RT: 6.88
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 27 Apr 2021 2:44

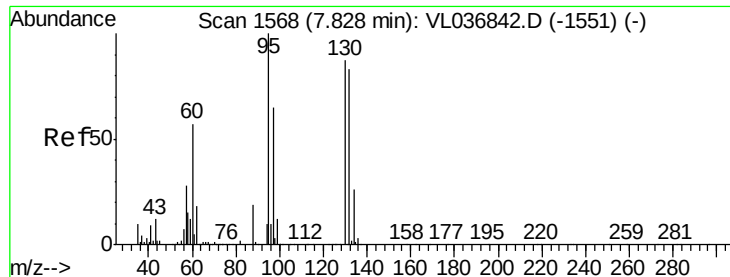
Tot Ion: 78 Resp: 346623
Ion Ratio Lower Upper
78 100
77 23.7 17.6 26.4
50 22.6 16.3 24.5



#37
1,2-Dichloroethane
Concen: 0.908 ppbv
RT: 6.30 min Scan# 1093
Delta R.T. -0.00 min
Lab File: VL036844.D
Acq: 27 Apr 2021 2:44

Tgt Ion: 62 Resp: 189466
Ion Ratio Lower Upper
62 100
98 7.8 4.8 7.2#





#38

Trichloroethene

Concen: 0.443 ppbv

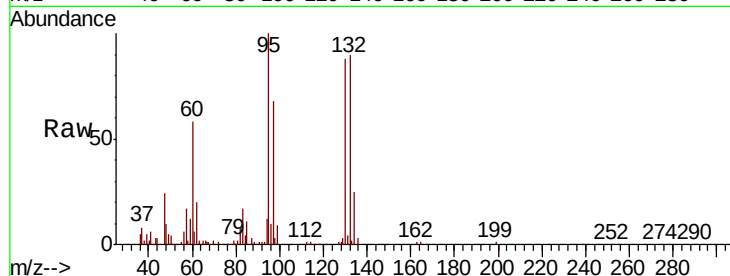
RT: 7.83 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 27 Apr 2021 2:44

Tot Ion:130	Resp:	61737
Ion Ratio	Lower	Upper
130	100	
95	112.0	92.3 138.5
132	101.8	76.8 115.2
97	76.2	60.0 90.0

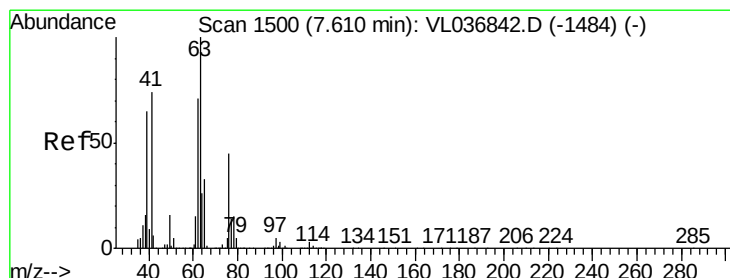
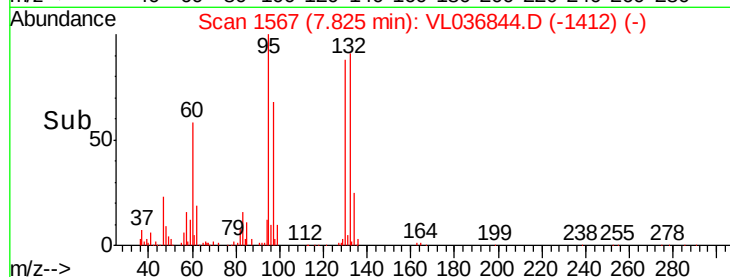
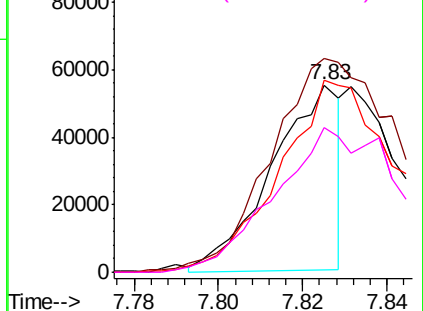


Abundance Ion 130.00 (129.70 to 130.70): V

Ion 95.00 (94.70 to 95.70): VL0

Ion 132.00 (131.70 to 132.70): V

Ion 97.00 (96.70 to 97.70): VL0



#39

1,2-Dichloropropane

Concen: 0.944 ppbv

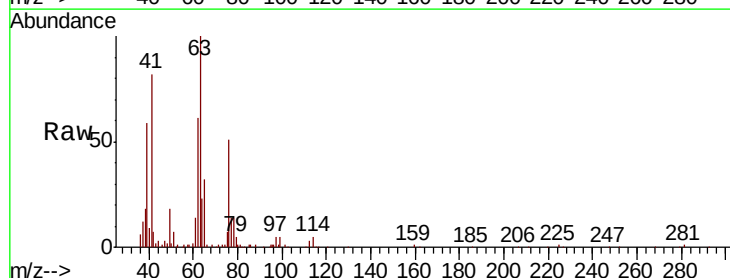
RT: 7.61 min Scan# 1499

Delta R.T. -0.00 min

Lab File: VL036844.D

Acq: 27 Apr 2021 2:44

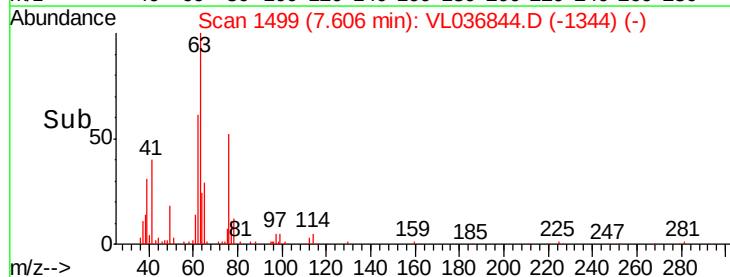
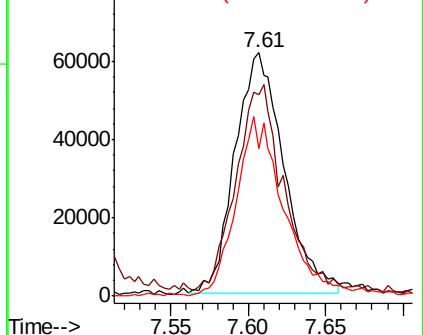
Tgt Ion: 63	Resp:	135538
Ion Ratio	Lower	Upper
63	100	
41	79.9	59.1 88.7
62	60.9	56.9 85.3

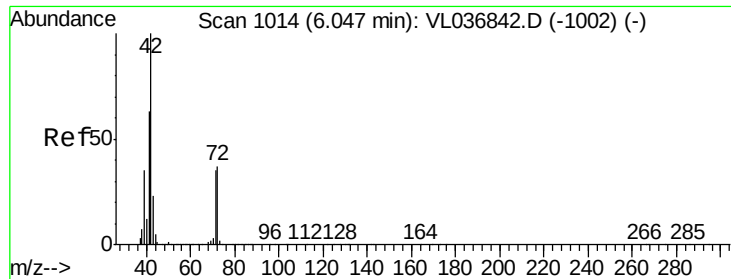


Abundance Ion 63.10 (62.80 to 63.80): VL0

Ion 41.10 (40.80 to 41.80): VL0

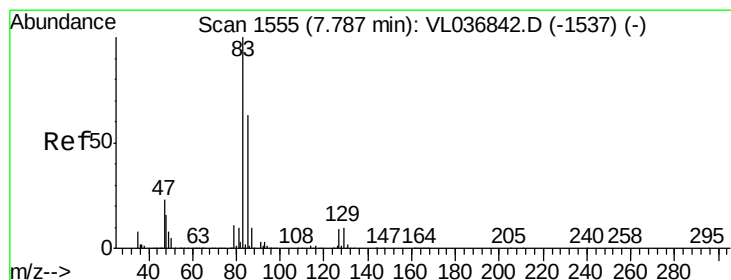
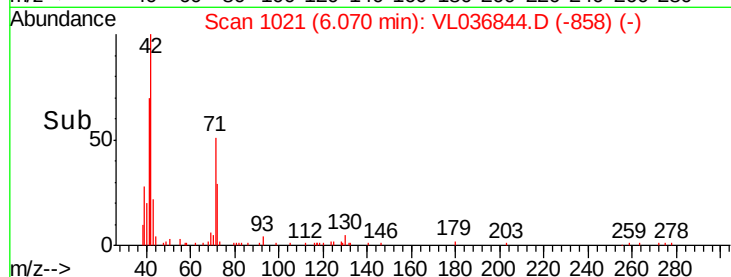
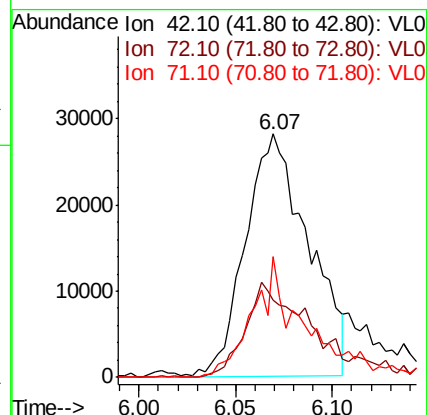
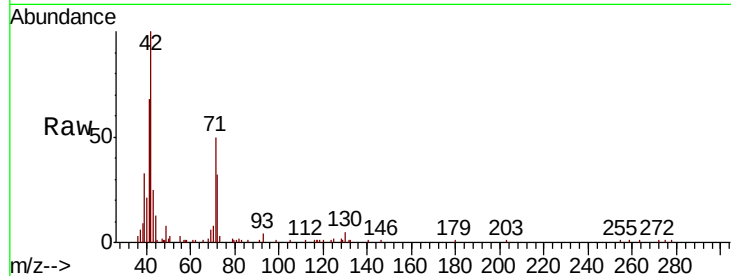
Ion 62.10 (61.80 to 62.80): VL0





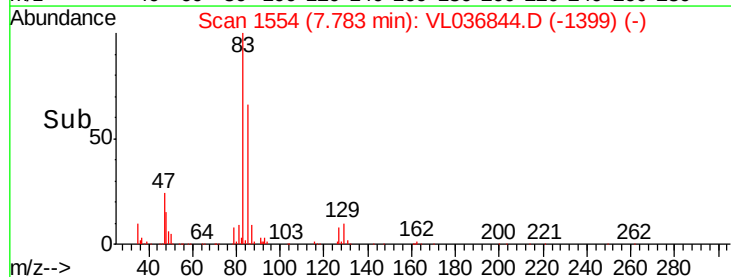
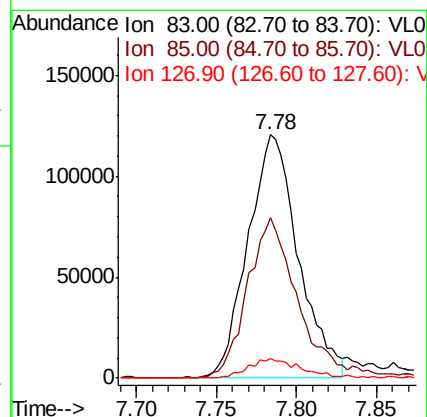
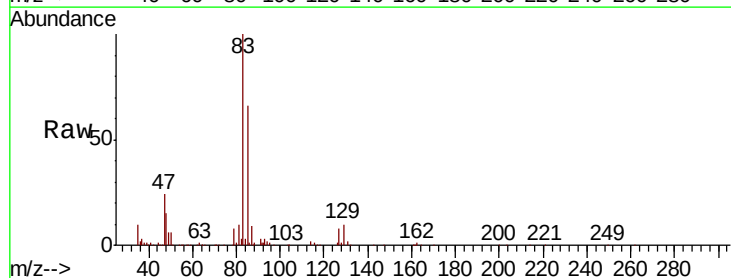
#41
Tetrahydrofuran
Concen: 0.747 ppbv
RT: 6.07 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
Acq: 27 Apr 2021 2:44

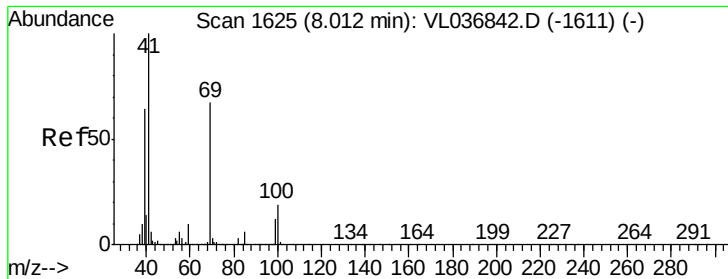
Tot Ion	Ratio	Lower	Upper
42	100		
72	41.8	29.7	44.5
71	41.1	29.0	43.6



#42
Bromodichloromethane
Concen: 0.917 ppbv
RT: 7.78 min Scan# 1554
Delta R.T.: -0.00 min
Lab File: VL036844.D
Acq: 27 Apr 2021 2:44

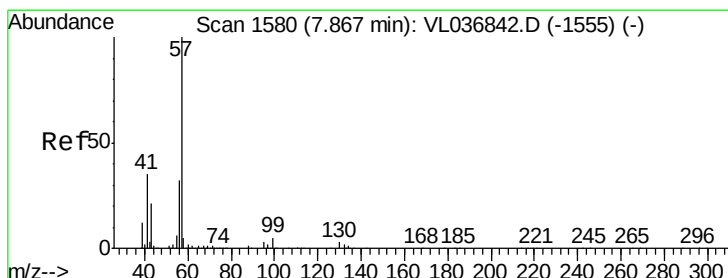
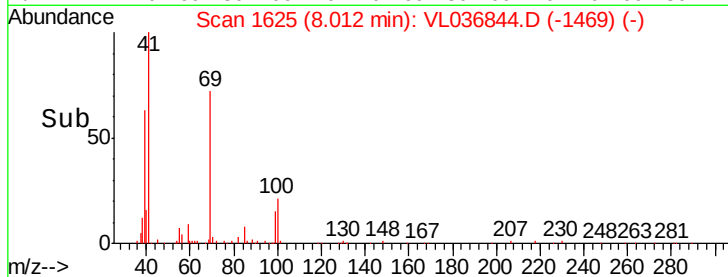
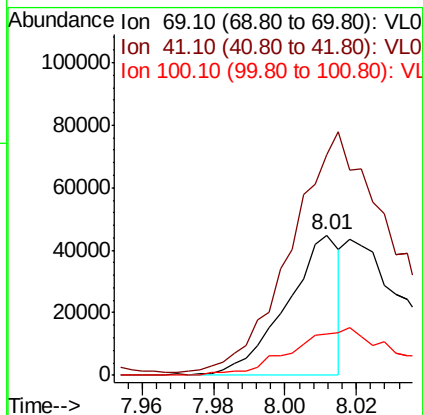
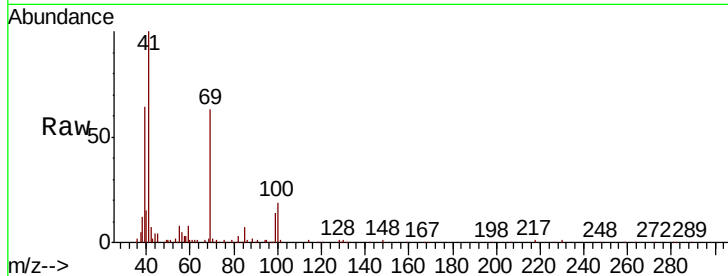
Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.7	50.4	75.6
127	7.7	6.9	10.3





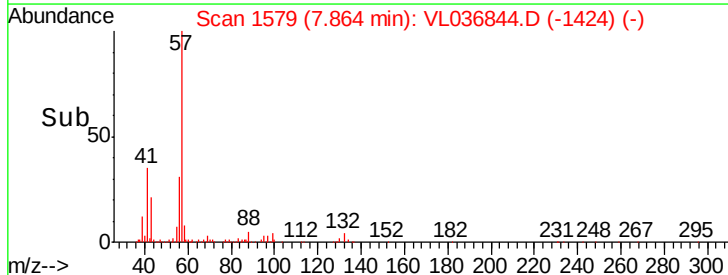
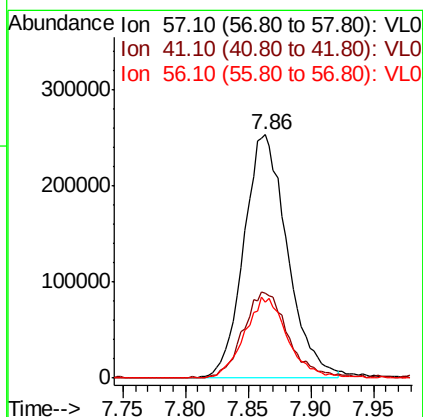
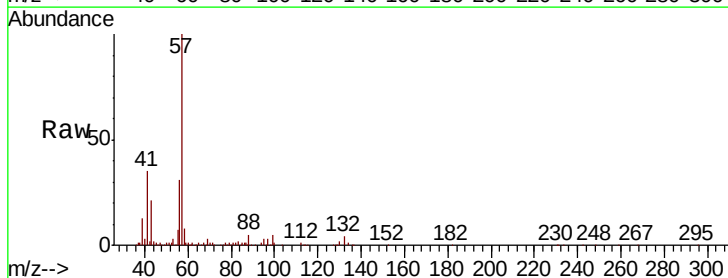
#43
Methyl Methacrylate
Concen: 0.388 ppbv
RT: 8.01 Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
Acq: 27 Apr 2021 2:44

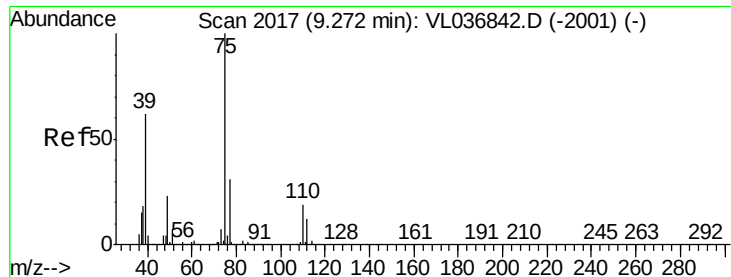
Tot Ion	69	Resp	46011
Ion Ratio	Lower	Upper	
69	100		
41	0.0	125.0	187.4#
100	0.0	25.4	38.2#



#44
2,2,4-Trimethylpentane
Concen: 0.971 ppbv
RT: 7.86 min Scan# 1579
Delta R.T. -0.00 min
Lab File: VL036844.D
Acq: 27 Apr 2021 2:44

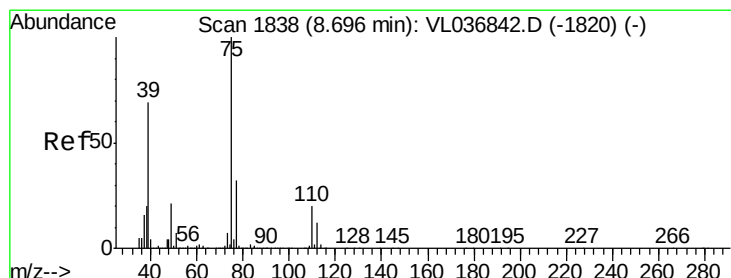
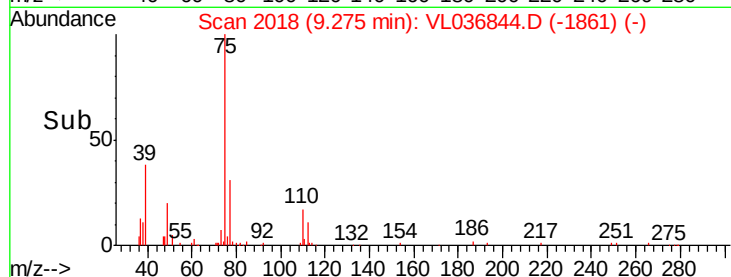
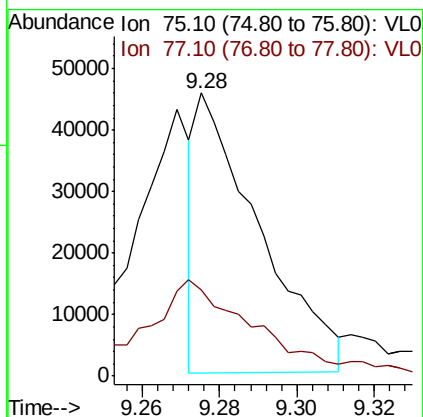
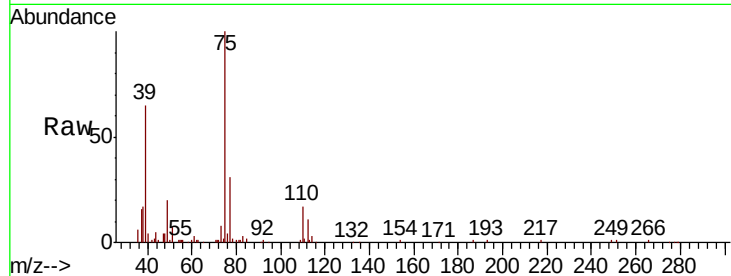
Tgt Ion	57	Resp	608930
Ion Ratio	Lower	Upper	
57	100		
41	36.1	28.3	42.5
56	33.4	25.9	38.9





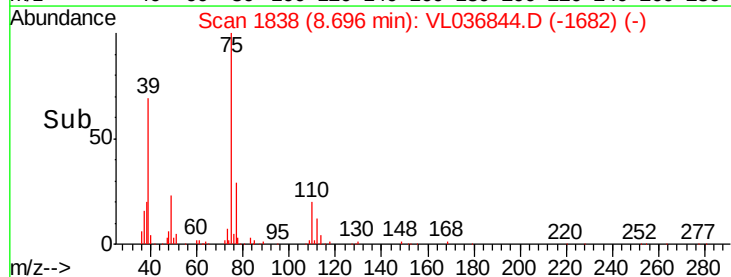
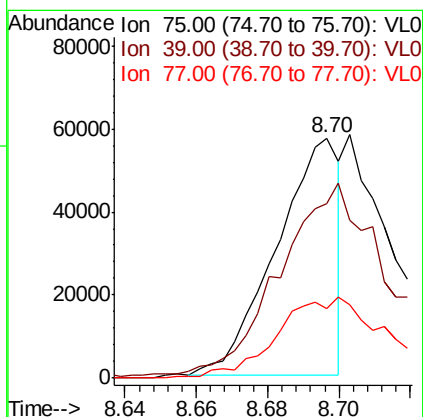
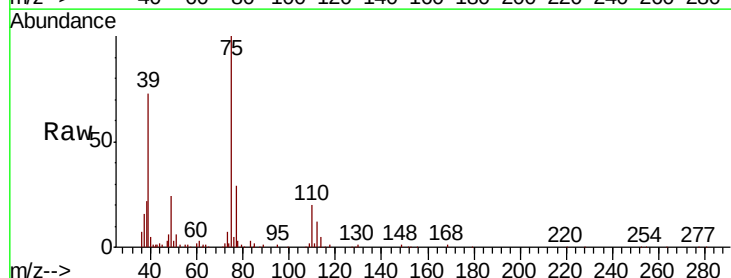
#45
 t-1,3-Dichloropropene
 Concen: 0.381 ppbv
 RT: 9.28 Instrument : MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId :
 Acq: 27 Apr 2021 2:44

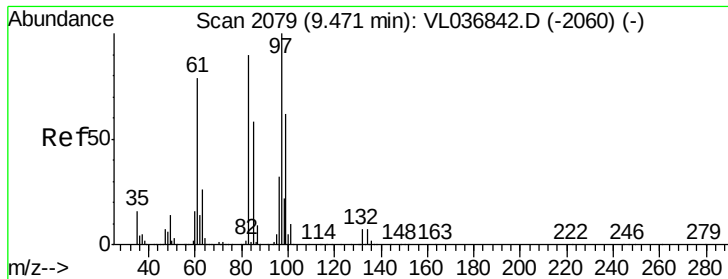
Tot Ion: 75 Resp: 51395
 Ion Ratio Lower Upper
 75 100
 77 30.7 24.6 37.0



#46
 cis-1,3-Dichloropropene
 Concen: 0.406 ppbv
 RT: 8.70 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VL036844.D
 Acq: 27 Apr 2021 2:44

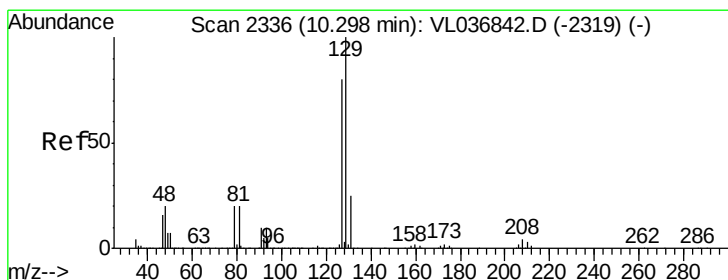
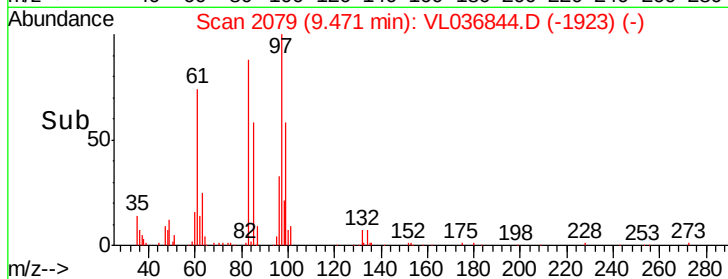
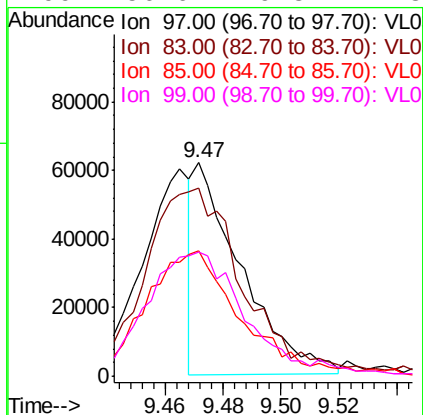
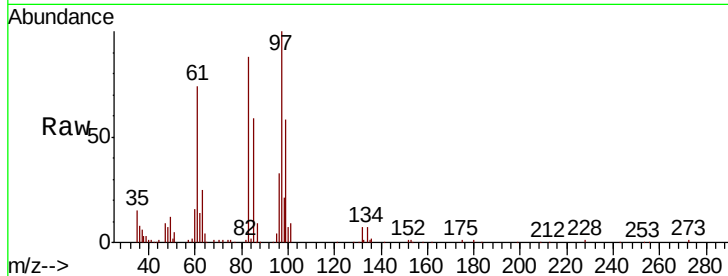
Tgt Ion: 75 Resp: 69950
 Ion Ratio Lower Upper
 75 100
 39 71.0 55.4 83.0
 77 28.5 25.2 37.8





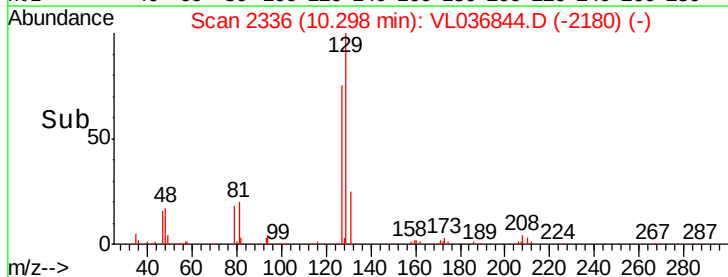
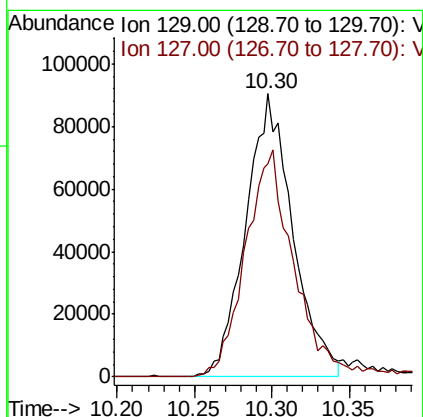
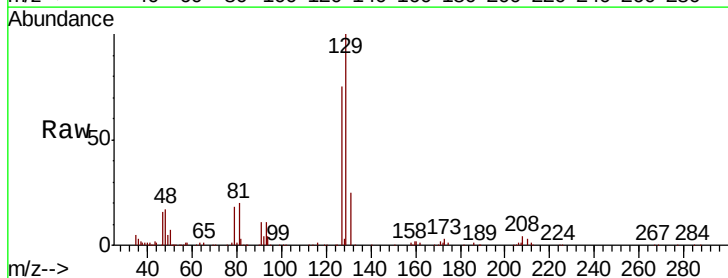
#47
 1,1,2-Trichloroethane
 Concen: 0.470 ppbv
 RT: 9.47 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 Acq: 27 Apr 2021 2:44

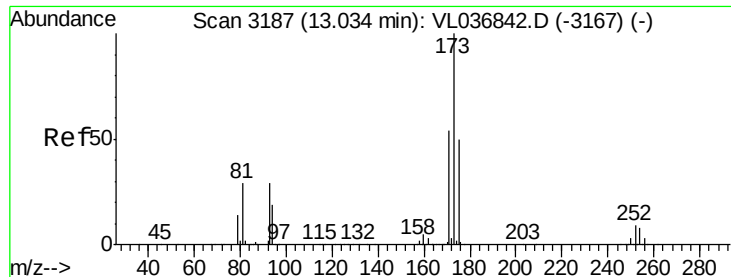
Tot Ion:	97	Resp:	68943
Ion	Ratio	Lower	Upper
97	100		
83	86.3	71.9	107.9
85	57.5	46.5	69.7
99	56.6	49.8	74.8



#48
 Dibromochloromethane
 Concen: 0.862 ppbv
 RT: 10.30 min Scan# 2336
 Delta R.T.: 0.00 min
 Lab File: VL036844.D
 Acq: 27 Apr 2021 2:44

Tgt Ion:	129	Resp:	191539
Ion	Ratio	Lower	Upper
129	100		
127	85.1	40.2	120.5





#49

Bromoform

Concen: 0.493 ppbv

RT: 13.03

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 27 Apr 2021 2:44

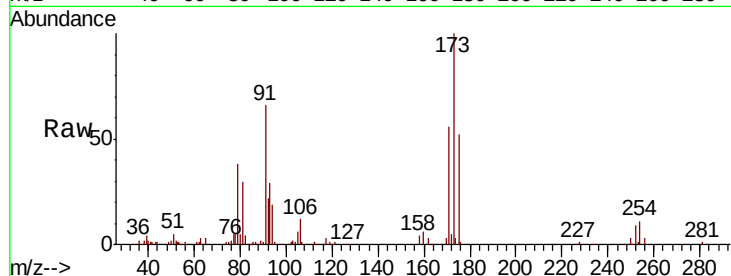
Tot Ion:173 Resp: 88394

Ion Ratio Lower Upper

173 100

175 91.4 39.8 59.8#

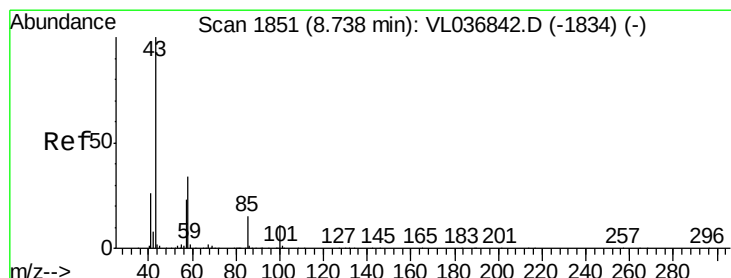
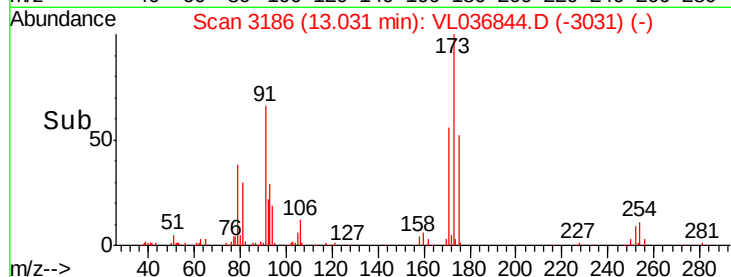
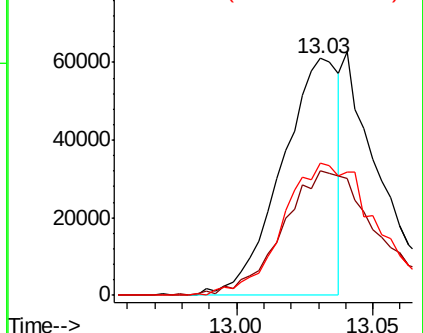
171 100.0 42.2 63.4#



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: 0.845 ppbv

RT: 8.76 min Scan# 1858

Delta R.T. 0.02 min

Lab File: VL036844.D

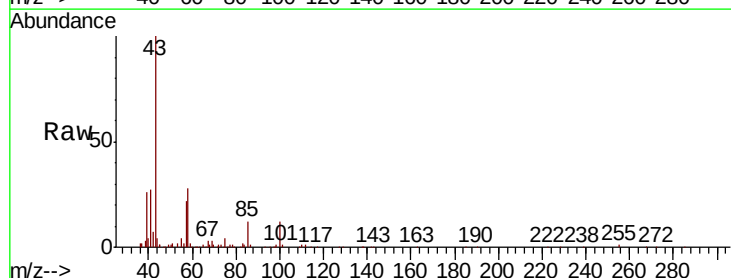
Acq: 27 Apr 2021 2:44

Tgt Ion: 43 Resp: 227774

Ion Ratio Lower Upper

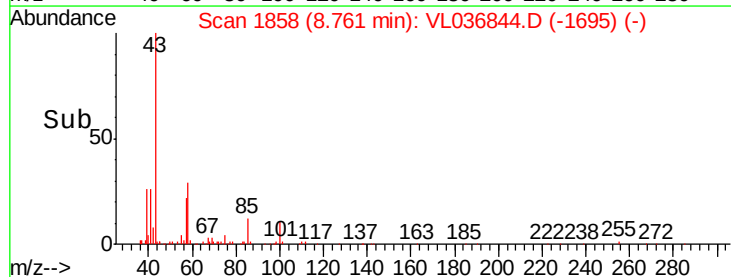
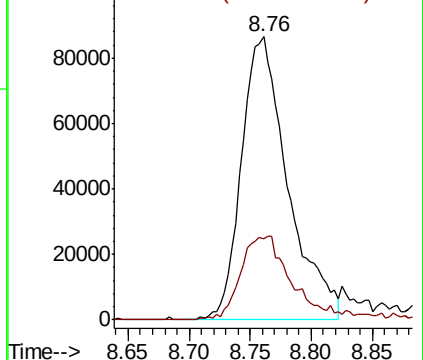
43 100

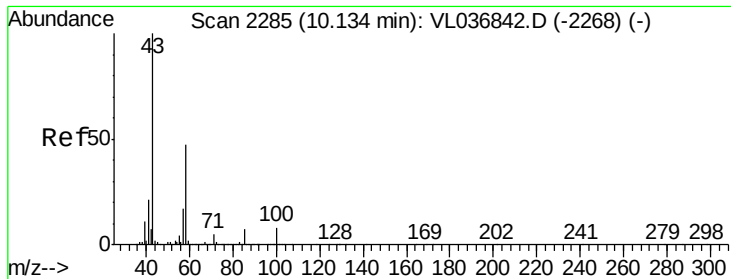
58 34.8 27.8 41.8



Abundance Ion 43.10 (42.80 to 43.80): VL0

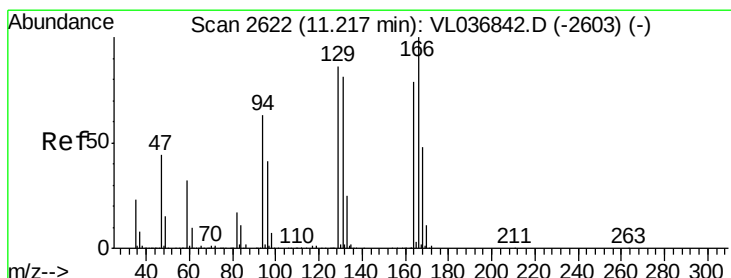
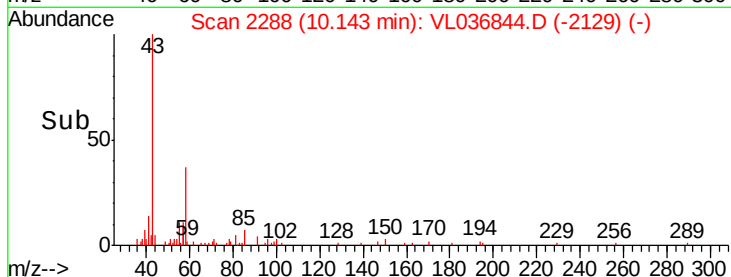
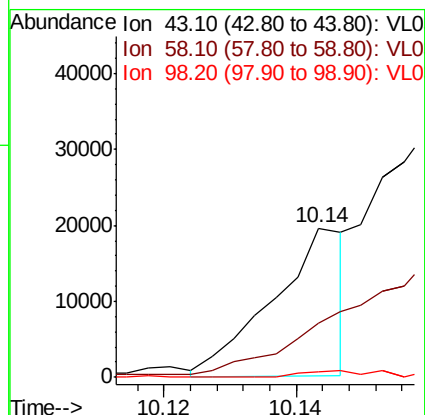
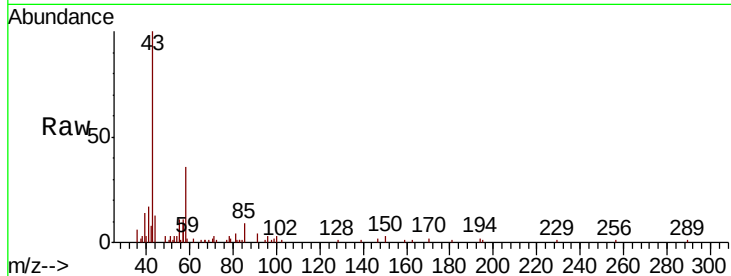
Ion 58.10 (57.80 to 58.80): VL0





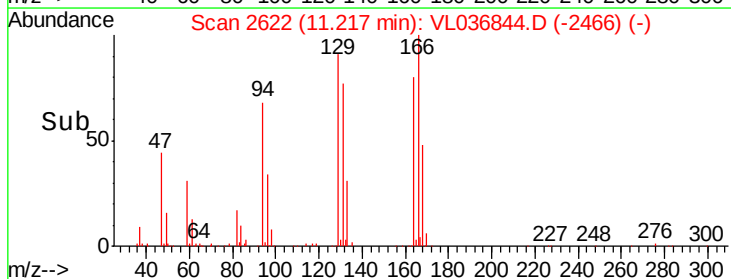
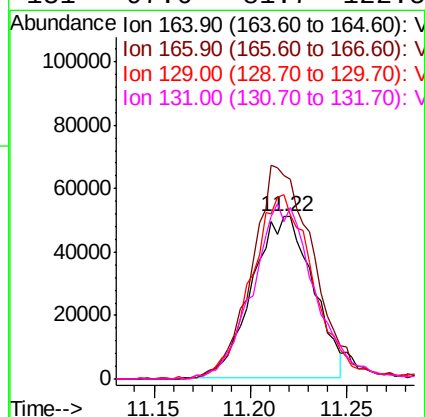
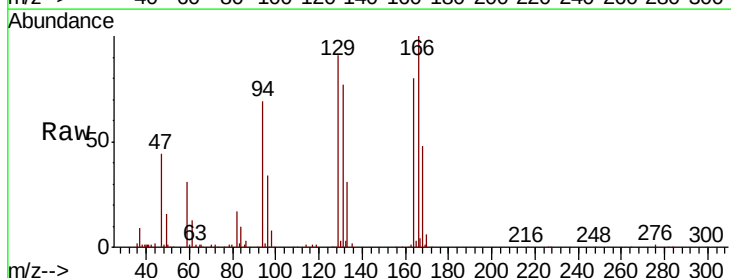
#51
2-Hexanone
Concen: 0.111 ppbv
RT: 10.14 min
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 27 Apr 2021 2:44

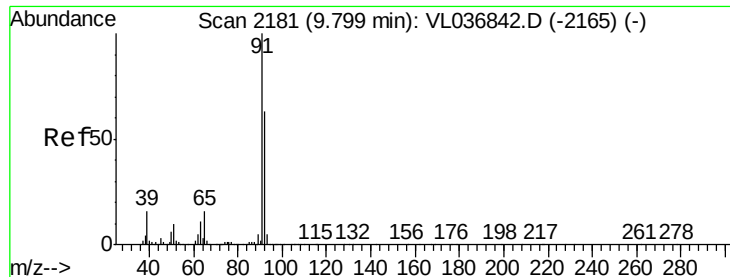
Tot Ion	Ratio	Lower	Upper
43	100		
58	0.0	36.8	55.2#
98	0.0	0.3	0.5#



#52
Tetrachloroethene
Concen: 0.846 ppbv
RT: 11.22 min Scan# 2622
Delta R.T. 0.00 min
Lab File: VL036844.D
Acq: 27 Apr 2021 2:44

Tgt Ion	Ratio	Lower	Upper
164	100		
166	125.0	100.9	151.3
129	113.6	87.0	130.4
131	97.6	81.7	122.5





#53

Toluene

Concen: 0.915 ppbv

RT: 9.80 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

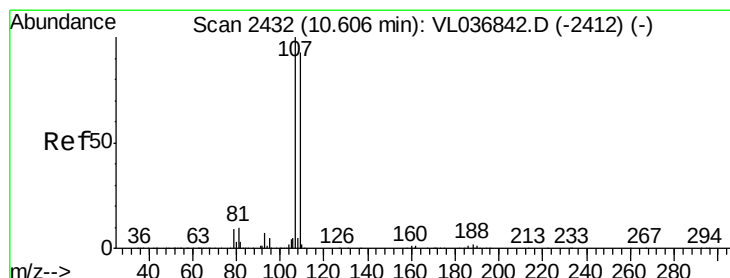
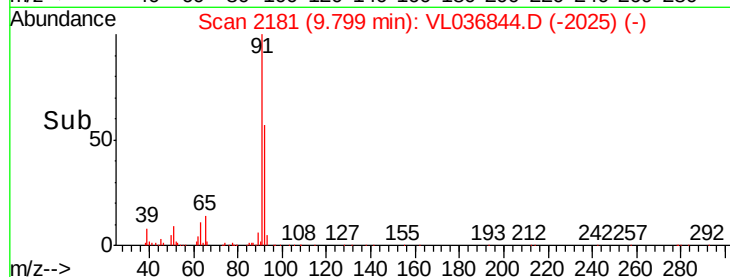
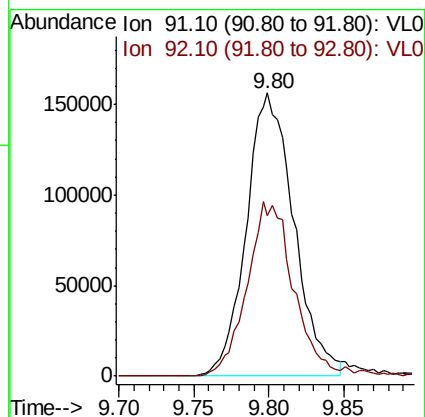
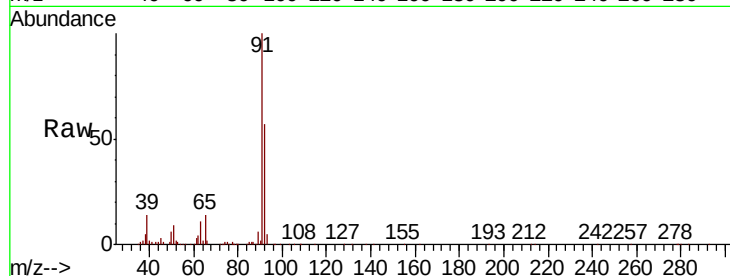
Acq: 27 Apr 2021 2:44

Tot Ion: 91 Resp: 345750

Ion Ratio Lower Upper

91 100

92 61.5 49.1 73.7



#54

1,2-Dibromoethane

Concen: 0.902 ppbv

RT: 10.61 min Scan# 2432

Delta R.T. 0.00 min

Lab File: VL036844.D

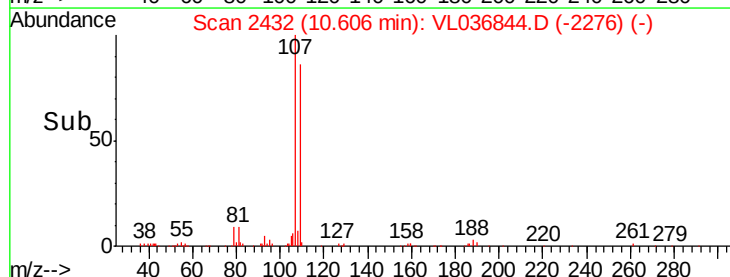
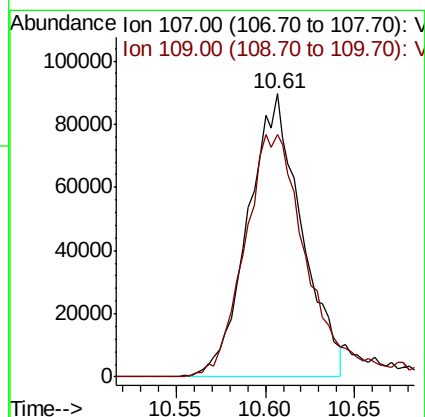
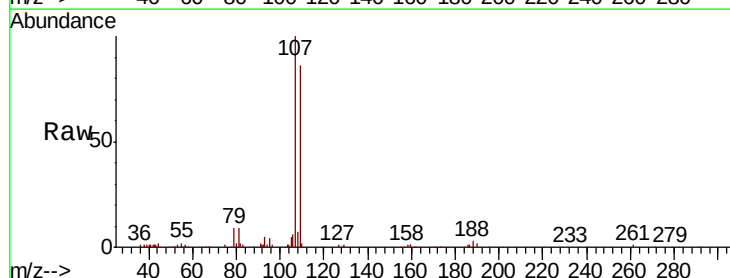
Acq: 27 Apr 2021 2:44

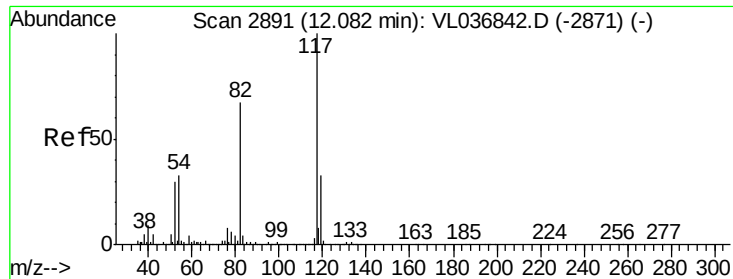
Tgt Ion: 107 Resp: 186075

Ion Ratio Lower Upper

107 100

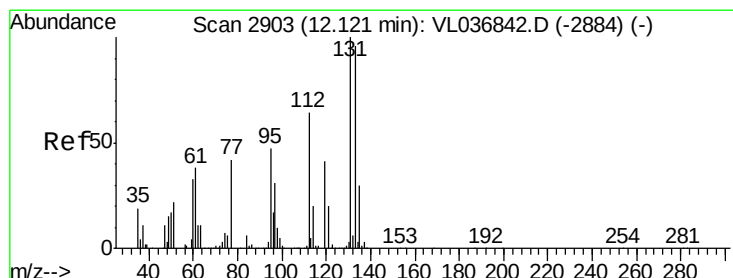
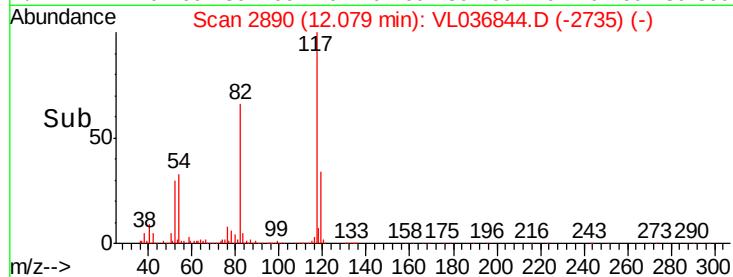
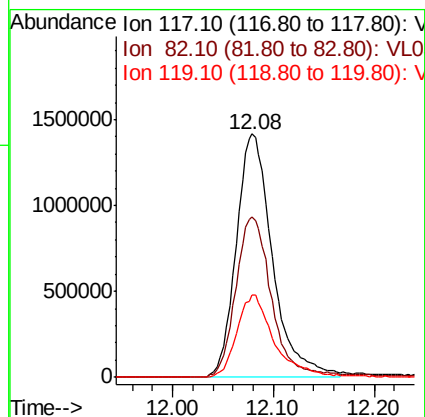
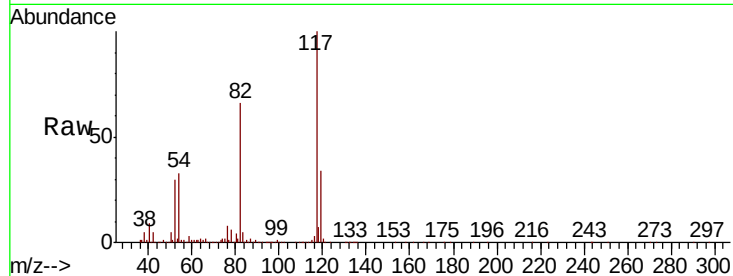
109 85.3 74.7 112.1





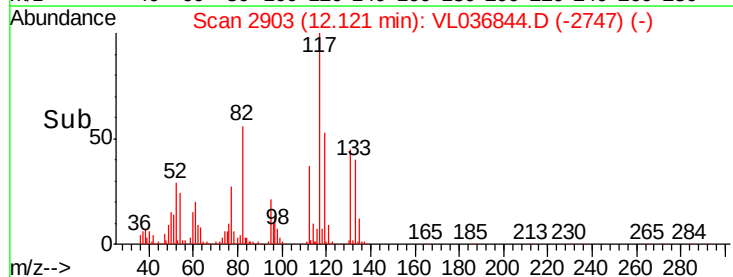
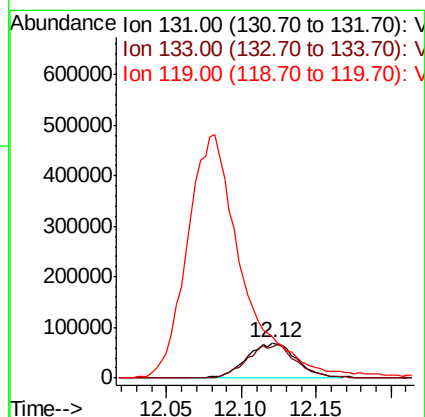
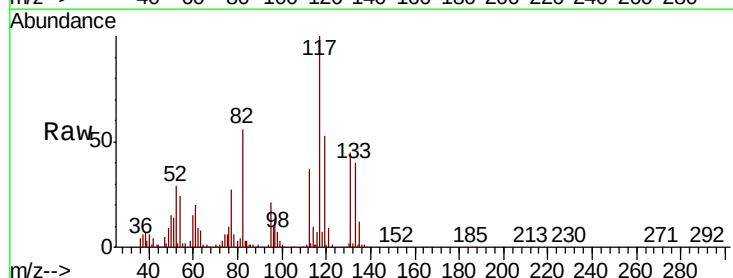
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.08 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
Acq: 27 Apr 2021 2:44

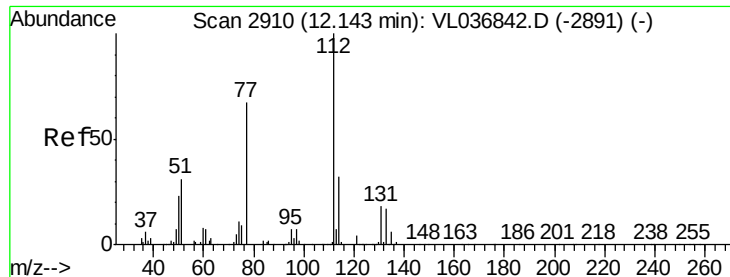
Tot Ion:117 Resp: 3537522
Ion Ratio Lower Upper
117 100
82 67.0 53.4 80.2
119 35.6 44.9 67.3#



#56
1,1,1,2-Tetrachloroethane
Concen: 1.022 ppbv
RT: 12.12 min Scan# 2903
Delta R.T.: 0.00 min
Lab File: VL036844.D
Acq: 27 Apr 2021 2:44

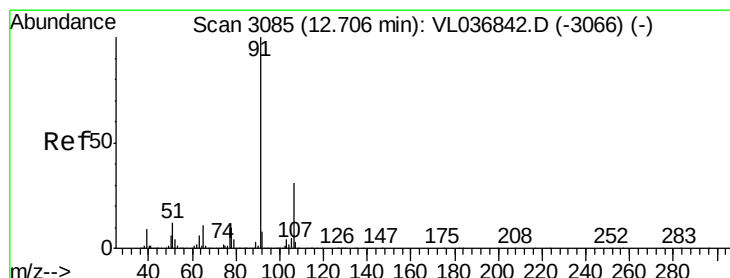
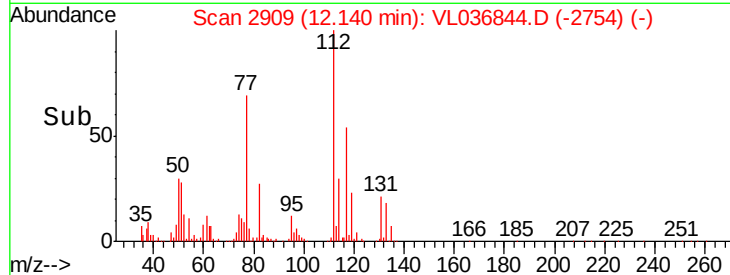
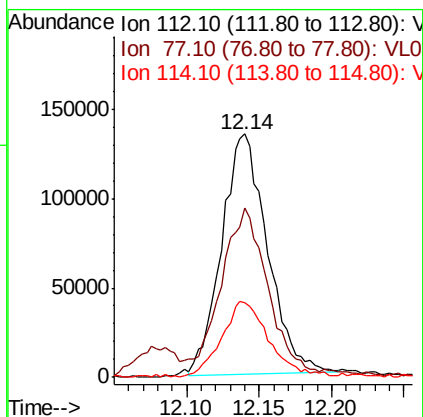
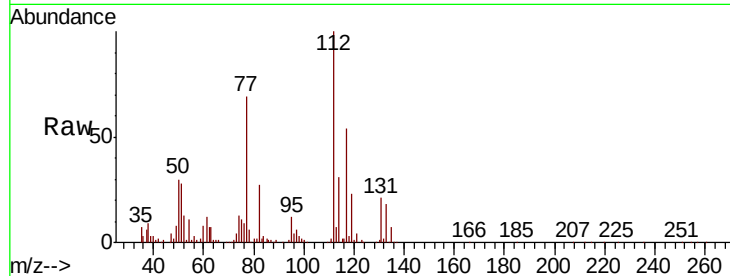
Tgt Ion:131 Resp: 160638
Ion Ratio Lower Upper
131 100
133 95.8 76.2 114.4
119 783.4 114.6 171.8#





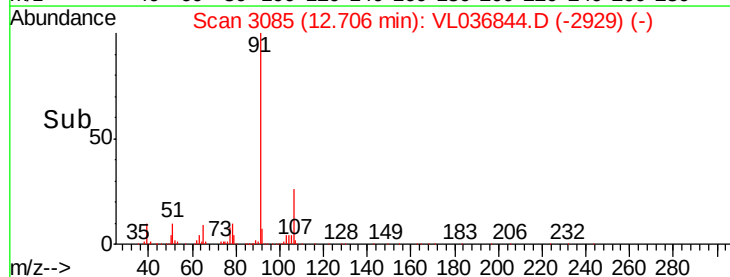
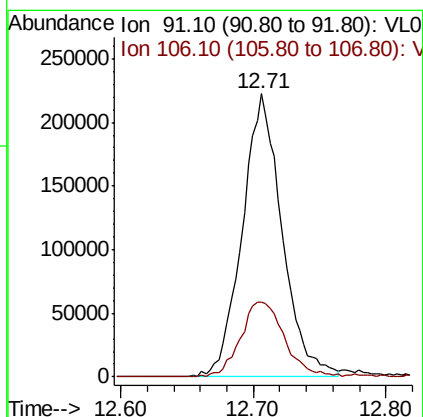
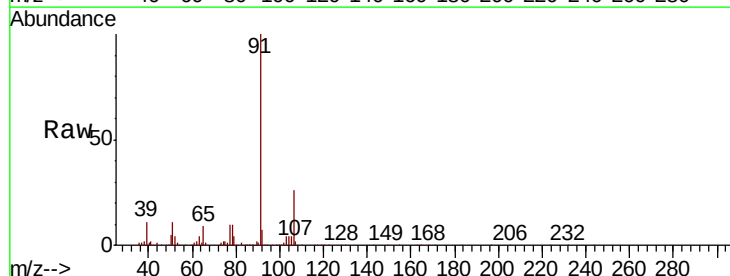
#57
Chlorobenzene
Concen: 0.995 ppbv
RT: 12.14 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
Acq: 27 Apr 2021 2:44

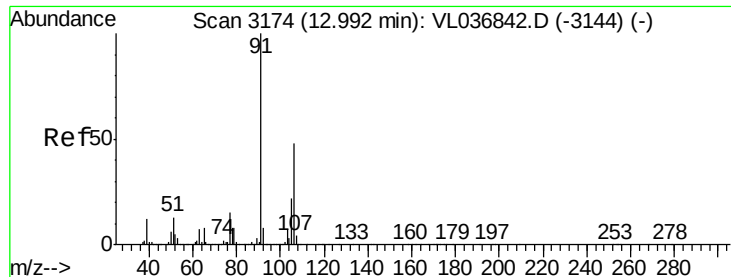
Tot Ion:	112	Resp:	295697
Ion Ratio	Lower	Upper	
112	100		
77	68.8	54.2	81.4
114	30.3	28.5	34.9



#58
Ethyl Benzene
Concen: 0.921 ppbv
RT: 12.71 min Scan# 3085
Delta R.T.: 0.00 min
Lab File: VL036844.D
Acq: 27 Apr 2021 2:44

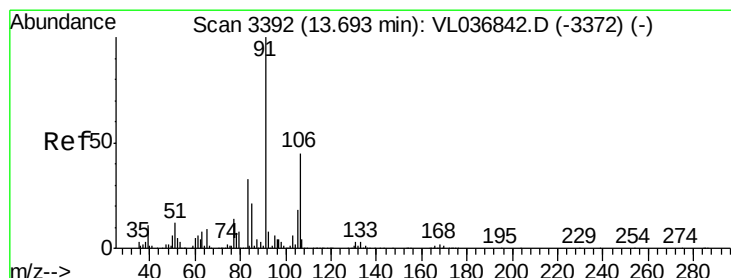
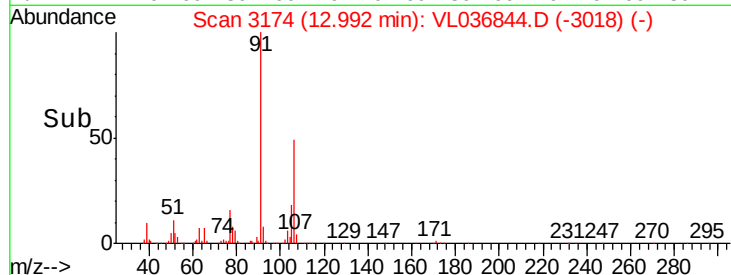
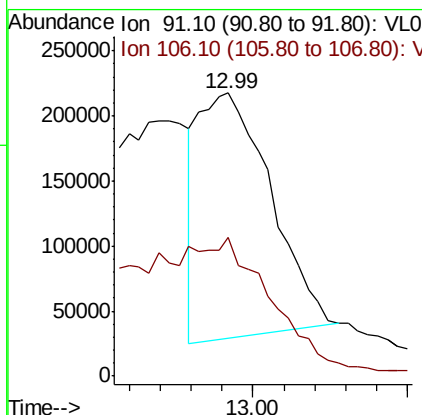
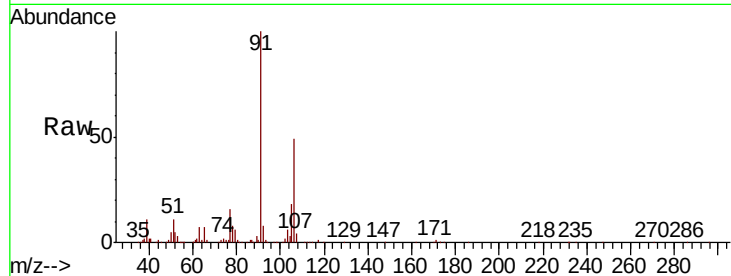
Tgt Ion:	91	Resp:	464834
Ion Ratio	Lower	Upper	
91	100		
106	26.4	25.1	37.7





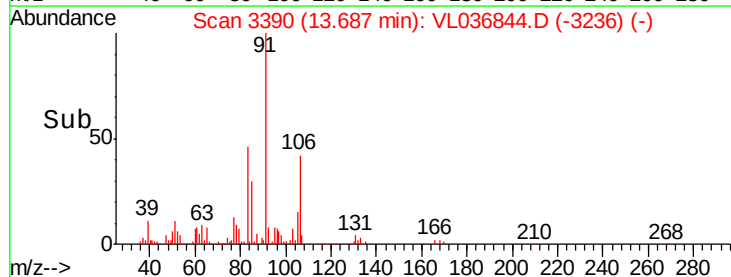
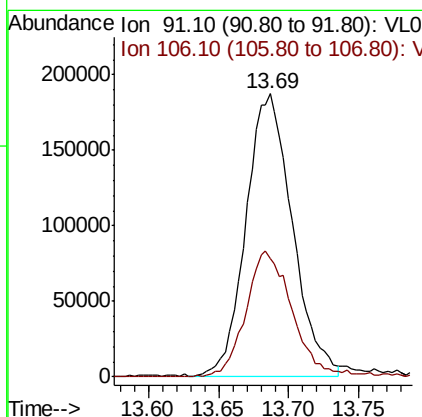
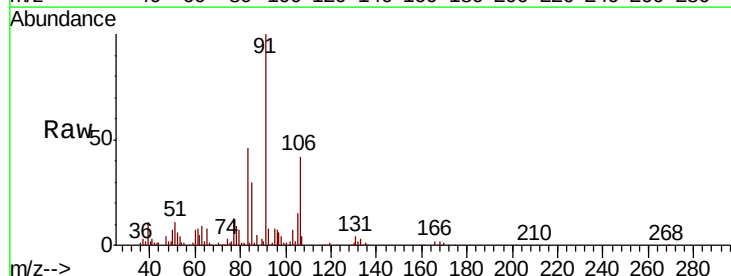
#59
m/p-Xylene
Concen: 0.686 ppbv
RT: 12.99 min
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 27 Apr 2021 2:44

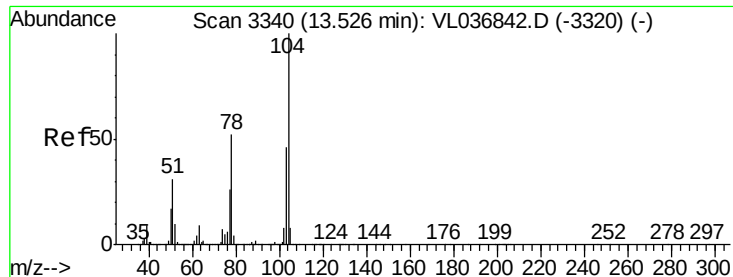
Tot Ion: 91 Resp: 302545
Ion Ratio Lower Upper
91 100
106 124.5 35.7 53.5#



#60
o-Xylene
Concen: 1.005 ppbv
RT: 13.69 min Scan# 3390
Delta R.T. -0.01 min
Lab File: VL036844.D
Acq: 27 Apr 2021 2:44

Tgt Ion: 91 Resp: 428843
Ion Ratio Lower Upper
91 100
106 44.9 22.6 67.8





#61

Stvrene

Concen: 0.747 ppbv

RT: 13.52

Delta R.T. MSVOA_L

Lab File:

Acq: 27 Apr 2021 2:44

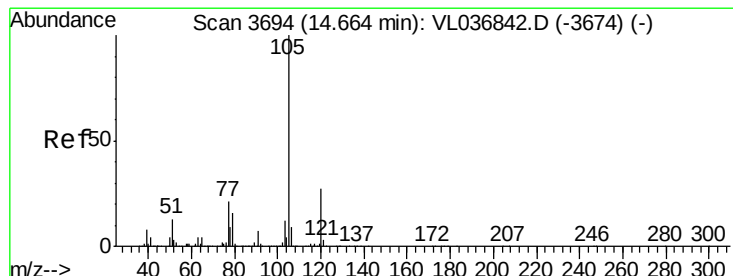
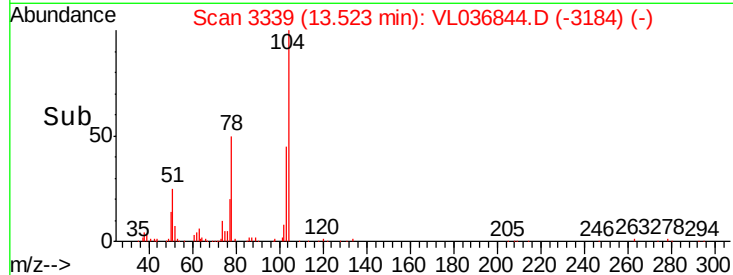
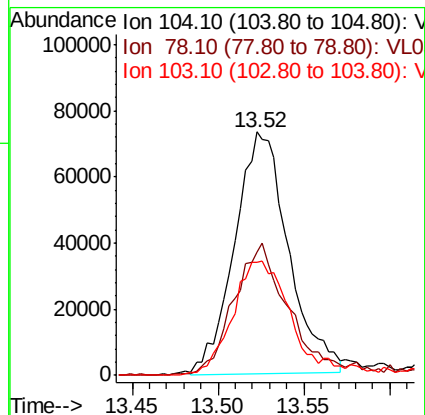
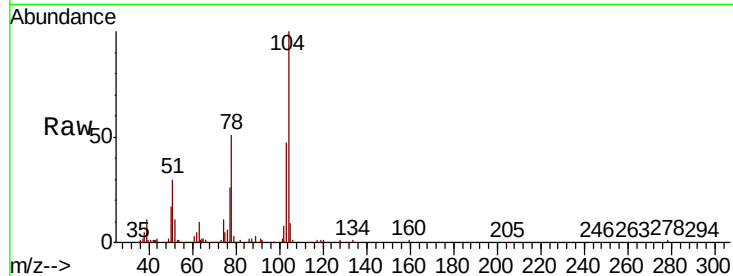
Instrument :

MSVOA_L

ClientSampleId :

Tot Ion:104 Resp: 158960

Ion	Ratio	Lower	Upper
104	100		
78	58.7	42.6	64.0
103	53.7	38.1	57.1



#62

Isopropylbenzene

Concen: 0.992 ppbv

RT: 14.66 min Scan# 3693

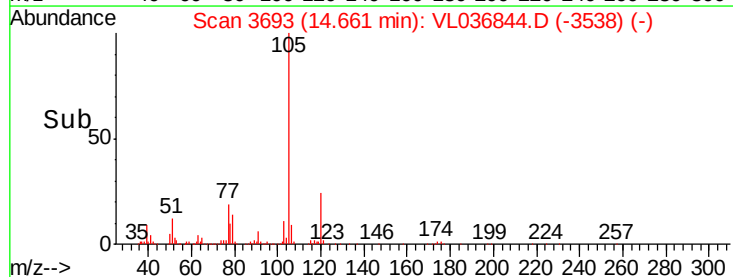
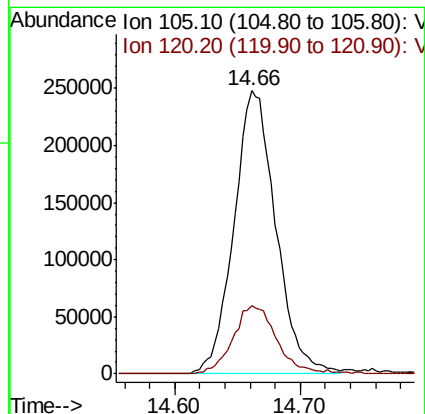
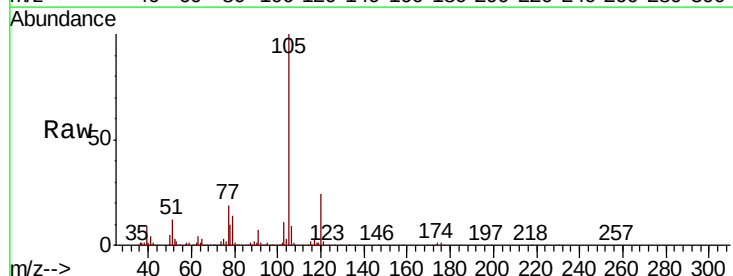
Delta R.T. -0.00 min

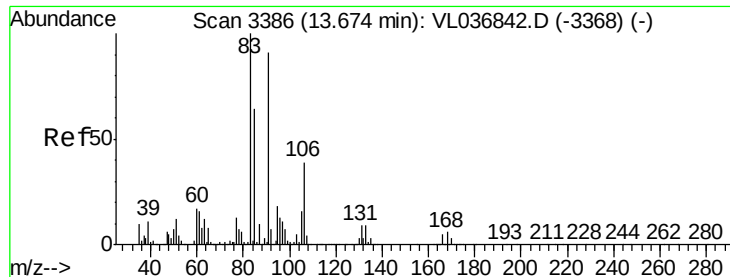
Lab File: VL036844.D

Acq: 27 Apr 2021 2:44

Tgt Ion:105 Resp: 569796

Ion	Ratio	Lower	Upper
105	100		
120	25.7	21.1	31.7





#63

1,1,2,2-Tetrachloroethane

Concen: 1.027 ppbv

RT: 13.67 min

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 27 Apr 2021 2:44

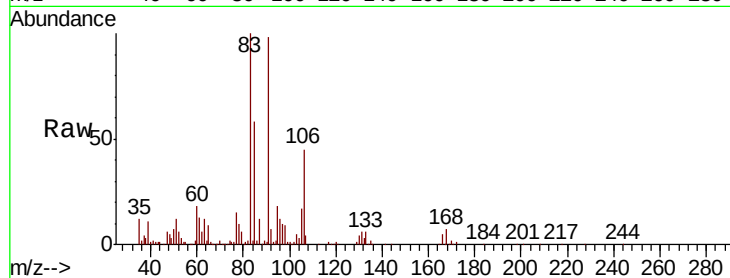
Tot Ion: 83 Resp: 337582

Ion Ratio Lower Upper

83 100

131 8.6 4.8 14.3

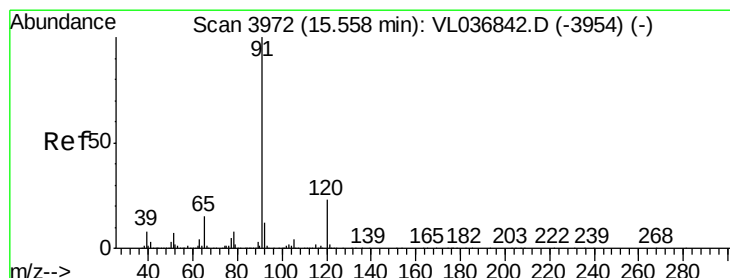
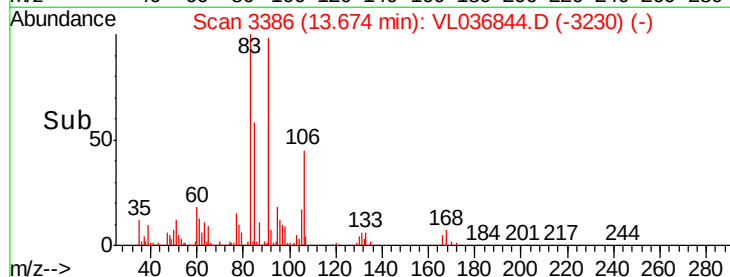
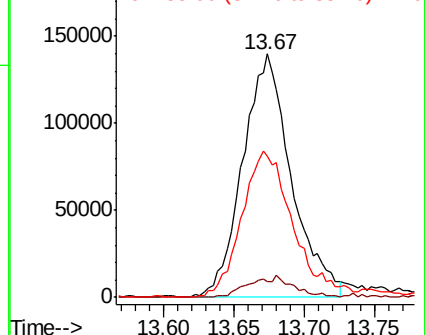
85 65.8 32.8 98.4



Abundance Ion 83.00 (82.70 to 83.70): VL0

Ion 131.00 (130.70 to 131.70): VL0

Ion 85.00 (84.70 to 85.70): VL0



#64

n-propylbenzene

Concen: 0.434 ppbv

RT: 15.56 min Scan# 3973

Delta R.T. 0.00 min

Lab File: VL036844.D

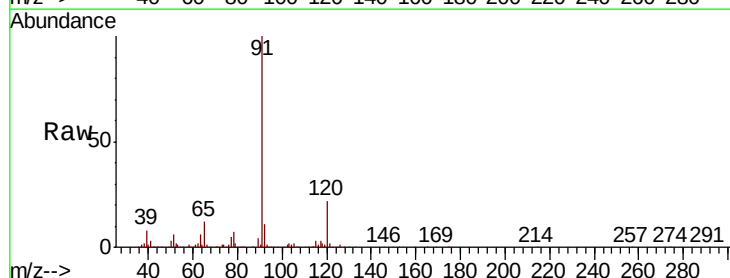
Acq: 27 Apr 2021 2:44

Tgt Ion: 120 Resp: 61201

Ion Ratio Lower Upper

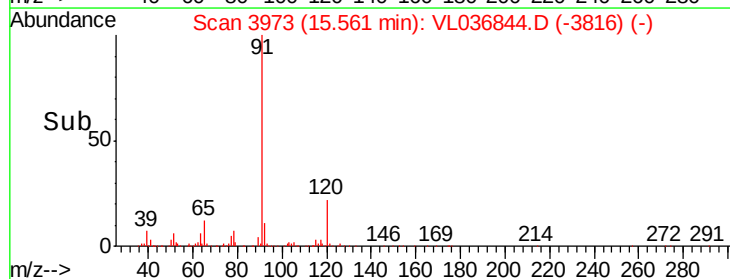
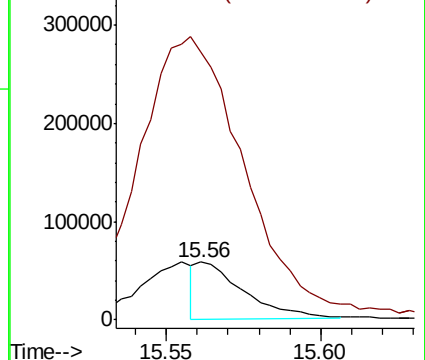
120 100

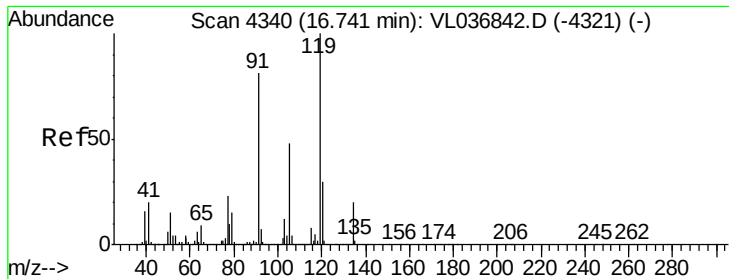
91 1183.8 378.6 567.8#



Abundance Ion 120.20 (119.90 to 120.90): VL0

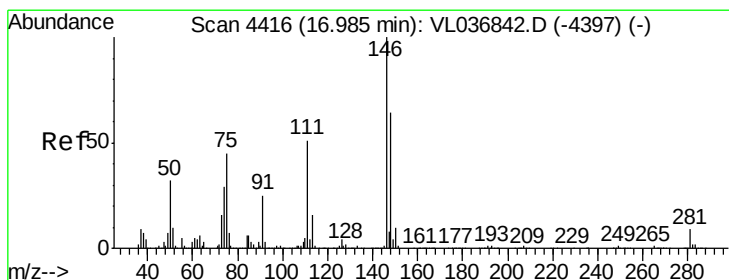
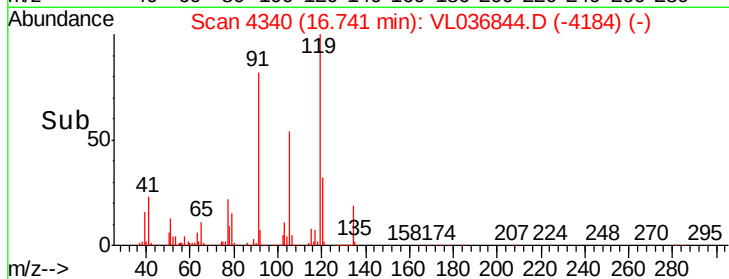
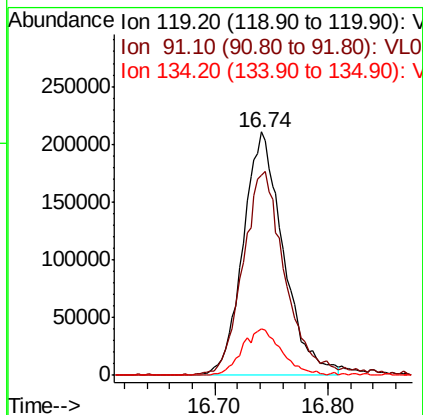
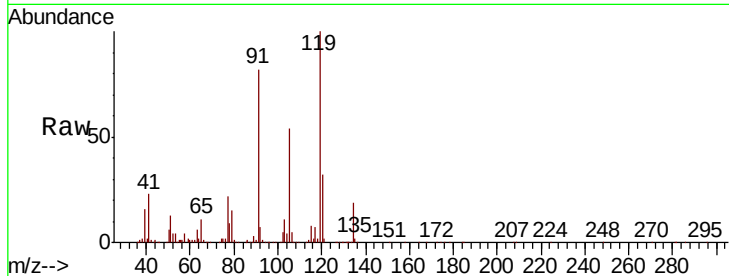
Ion 91.10 (90.80 to 91.80): VL0





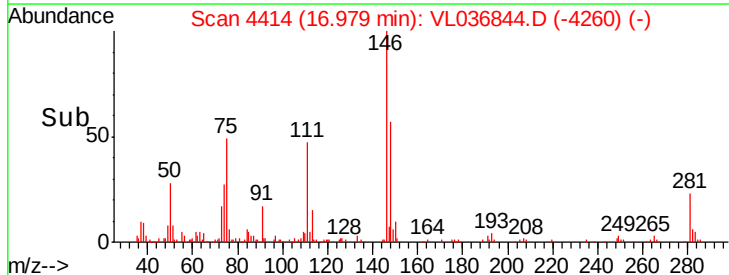
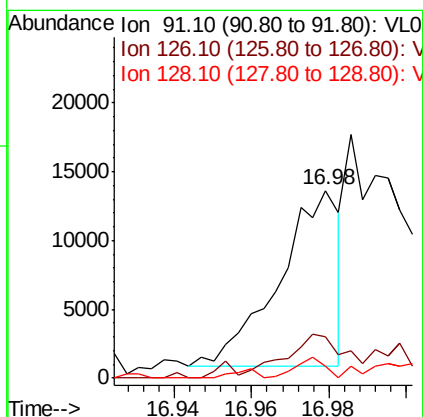
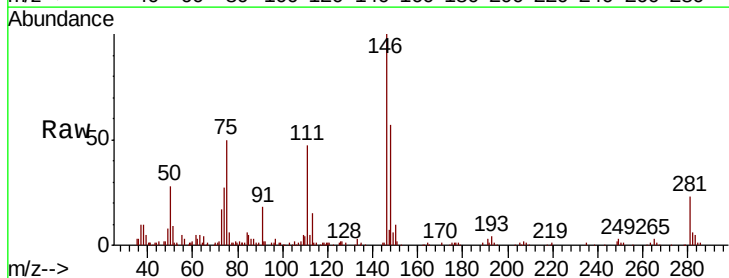
#65
 tert-Butylbenzene
 Concen: 1.037 ppbv
 RT: 16.74 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 Acq: 27 Apr 2021 2:44

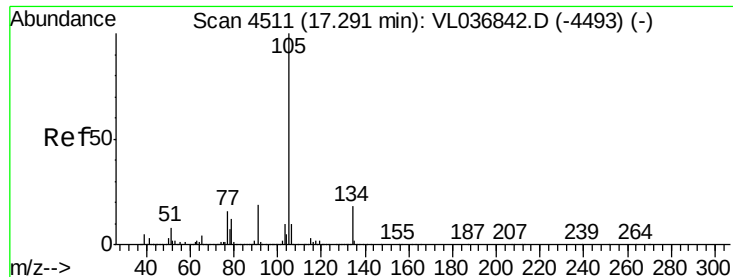
Tot Ion	Ratio	Lower	Upper
119	100		
91	88.6	66.9	100.3
134	19.6	15.7	23.5



#66
 Benzyl Chloride
 Concen: 0.258 ppbv
 RT: 16.98 min Scan# 4414
 Delta R.T.: -0.01 min
 Lab File: VL036844.D
 Acq: 27 Apr 2021 2:44

Tgt Ion	Ratio	Lower	Upper
91	100		
126	54.5	14.1	21.1#
128	7.5	4.8	7.2#





#67

sec-Butylbenzene

Concen: 1.013 ppbv

RT: 17.29 min

Delta R.T. MSVOA_L

Lab File:

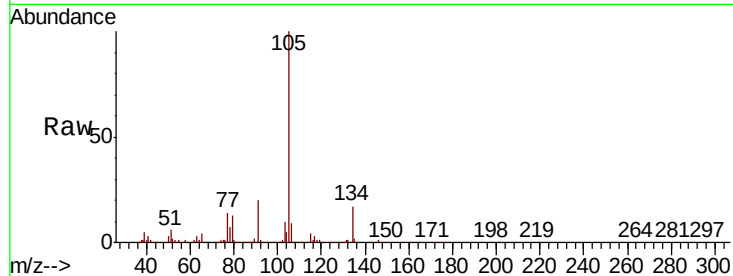
Acq: 27 Apr 2021 2:44

Tot Ion: 105 Resp: 716639

Ion Ratio Lower Upper

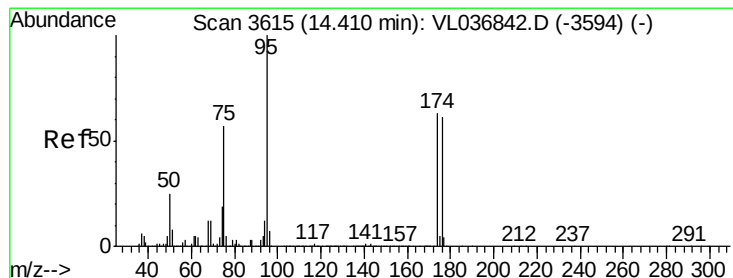
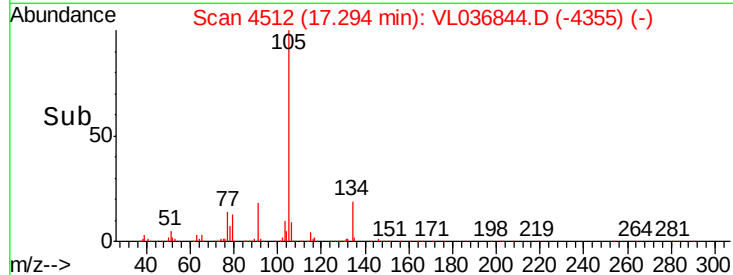
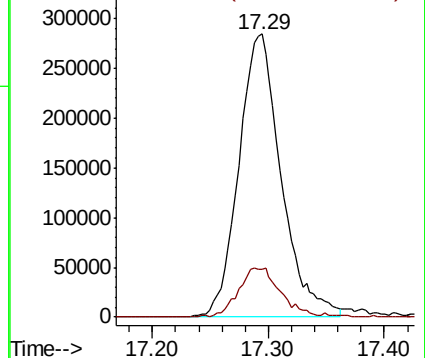
105 100

134 18.0 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: 10.124 ppbv

RT: 14.41 min Scan# 3615

Delta R.T. 0.00 min

Lab File: VL036844.D

Acq: 27 Apr 2021 2:44

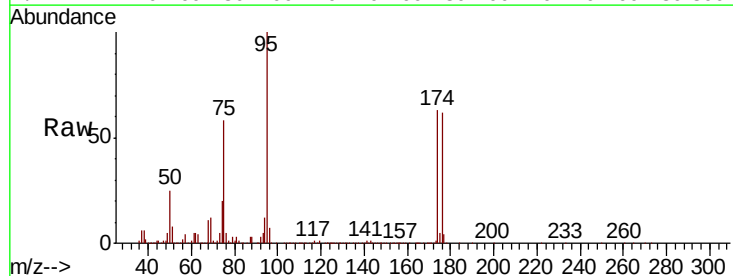
Tgt Ion: 95 Resp: 2840289

Ion Ratio Lower Upper

95 100

174 65.3 52.4 78.6

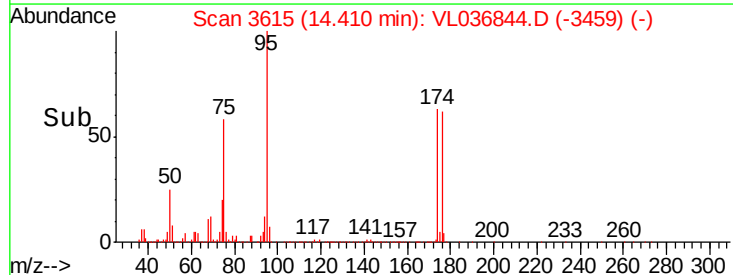
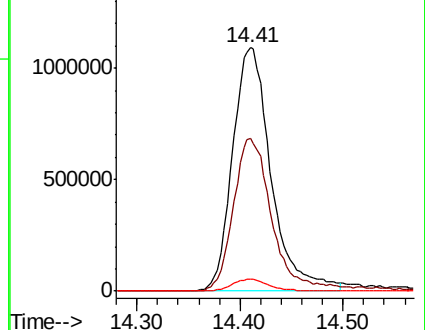
175 5.0 3.9 5.9

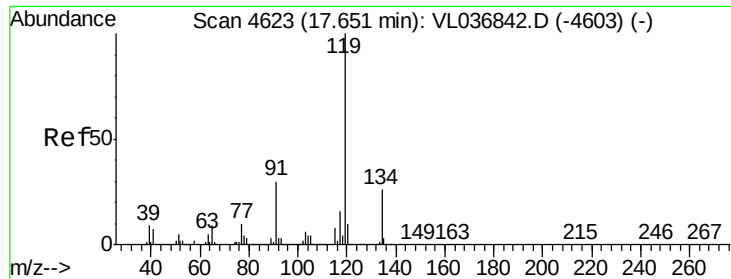


Abundance Ion 95.10 (94.80 to 95.80): V

Ion 174.00 (173.70 to 174.70): V

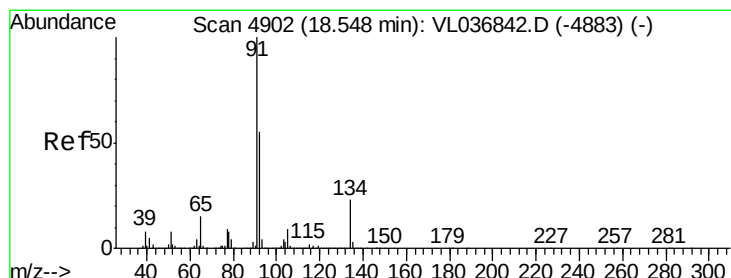
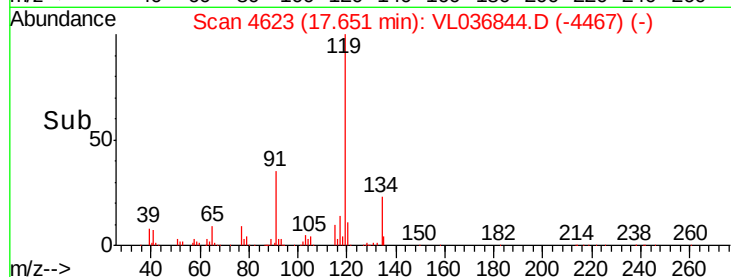
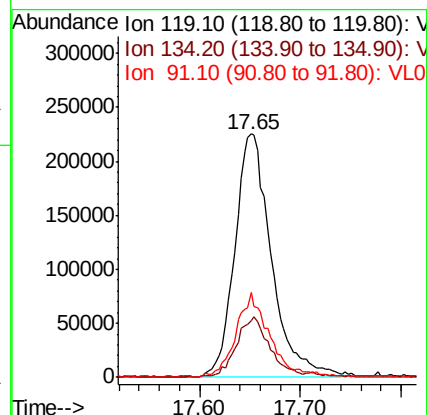
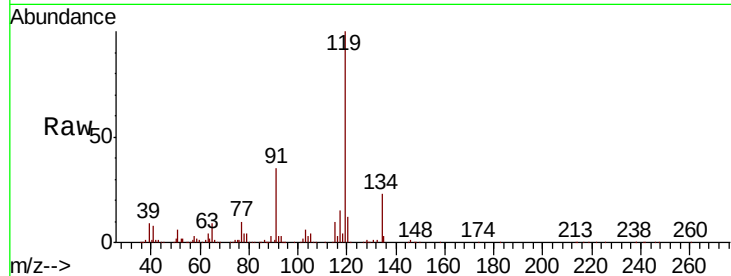
Ion 175.00 (174.70 to 175.70): V





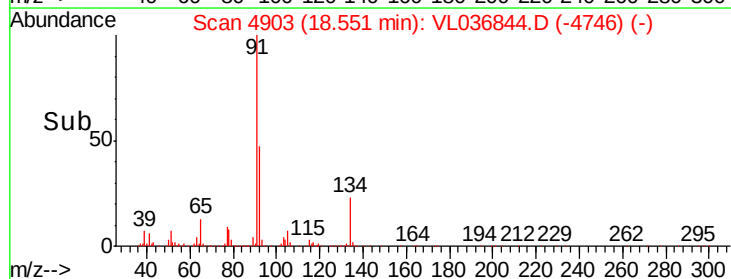
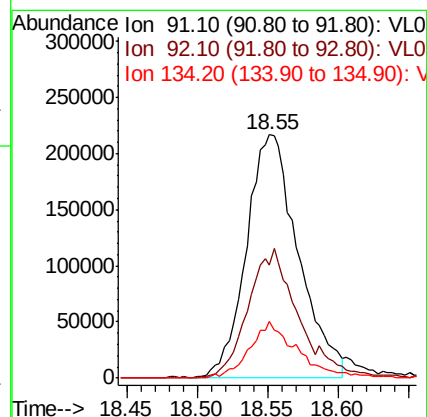
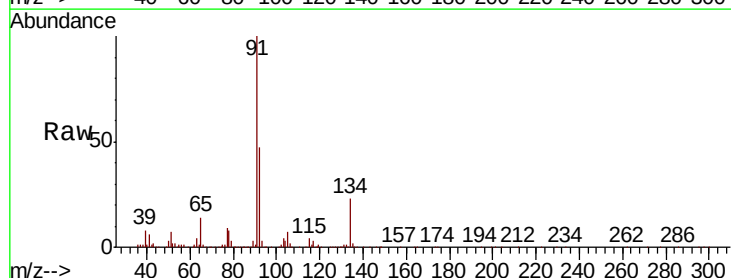
#69
 p-Isopropyltoluene
 Concen: 1.024 ppbv
 RT: 17.65 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 27 Apr 2021 2:44

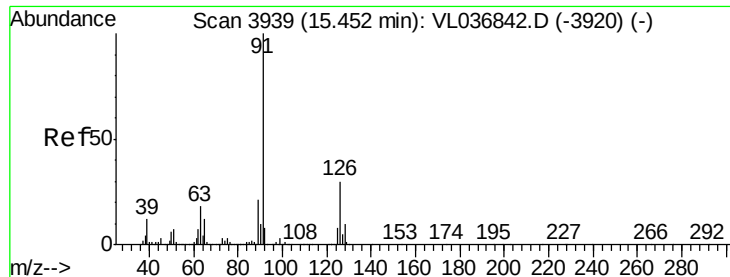
Tot Ion:	119	Resp:	566809
Ion	Ratio	Lower	Upper
119	100		
134	24.0	20.6	30.8
91	31.5	24.4	36.6



#70
 n-Butylbenzene
 Concen: 0.963 ppbv
 RT: 18.55 min Scan# 4903
 Delta R.T. 0.00 min
 Lab File: VL036844.D
 Acq: 27 Apr 2021 2:44

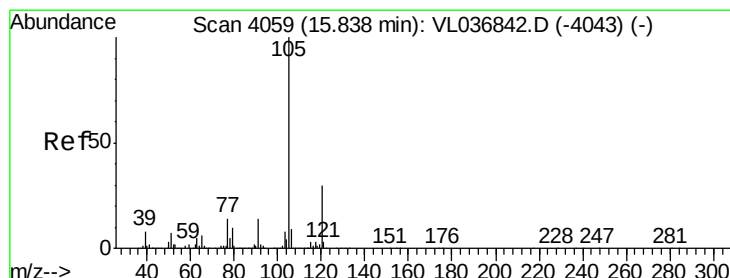
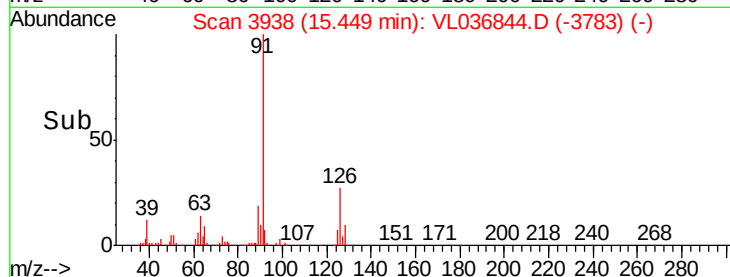
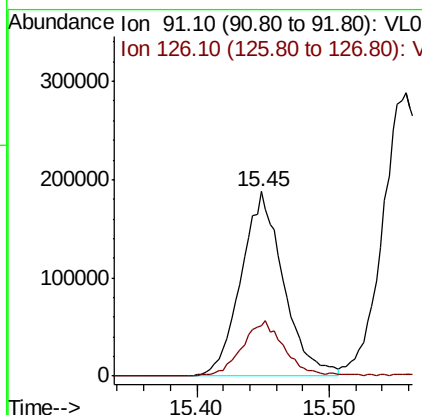
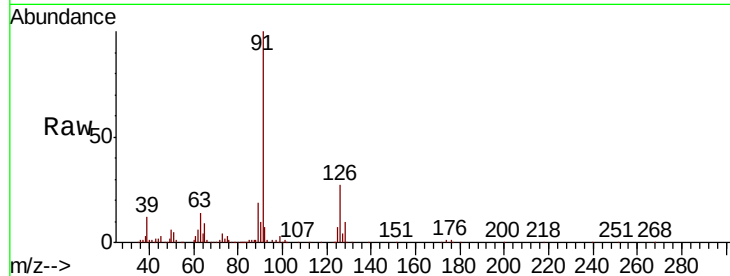
Tgt Ion:	91	Resp:	552658
Ion	Ratio	Lower	Upper
91	100		
92	52.9	43.6	65.4
134	21.6	18.2	27.4





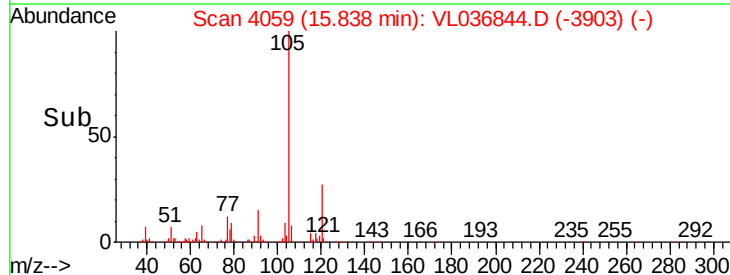
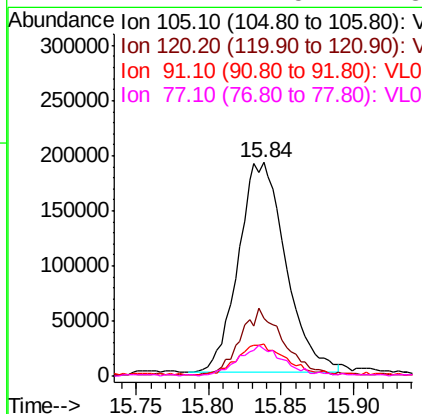
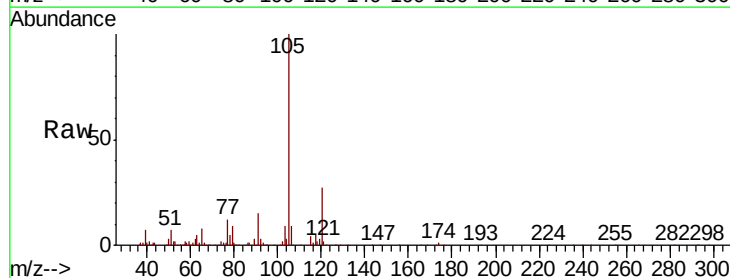
#71
 2-Chlorotoluene
 Concen: 0.965 ppbv
 RT: 15.45 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 27 Apr 2021 2:44

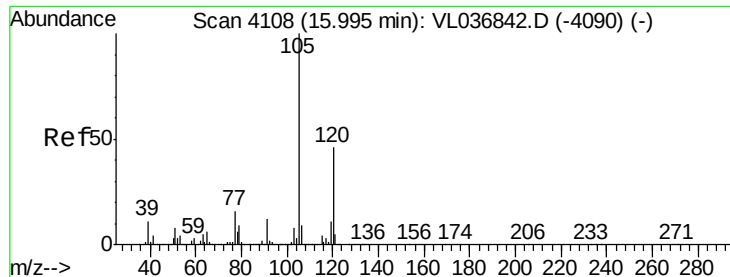
Tot Ion	91	Resp	415926
Ion Ratio	100	Lower	Upper
126	30.6	12.3	49.3



#72
 4-Ethyltoluene
 Concen: 0.927 ppbv
 RT: 15.84 min Scan# 4059
 Delta R.T. 0.00 min
 Lab File: VL036844.D
 Acq: 27 Apr 2021 2:44

Tgt Ion	105	Resp	435838
Ion Ratio	100	Lower	Upper
120	30.0	23.8	35.6
91	15.3	10.7	16.1
77	14.4	11.5	17.3





#73

1,3,5-Trimethylbenzene

Concen: 0.965 ppbv

RT: 16.00

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

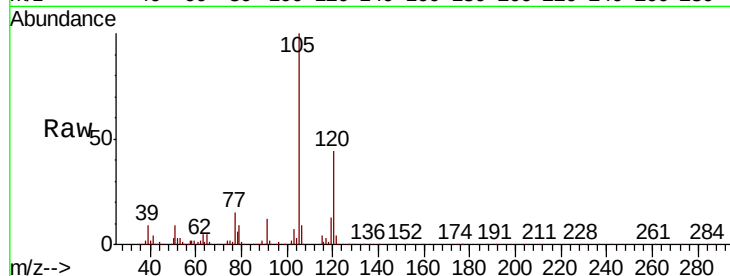
Acq: 27 Apr 2021 2:44

Tot Ion:105 Resp: 423261

Ion Ratio Lower Upper

105 100

120 44.1 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

200000

150000

100000

50000

0

Time--> 15.90

16.00

16.10

16.20

16.30

16.40

16.50

16.60

16.70

16.80

16.90

17.00

17.10

17.20

17.30

17.40

17.50

17.60

17.70

17.80

17.90

18.00

18.10

18.20

18.30

18.40

18.50

18.60

18.70

18.80

18.90

19.00

19.10

19.20

19.30

19.40

19.50

19.60

19.70

19.80

19.90

20.00

20.10

20.20

20.30

20.40

20.50

20.60

20.70

20.80

20.90

21.00

21.10

21.20

21.30

21.40

21.50

21.60

21.70

21.80

21.90

22.00

22.10

22.20

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22.70

22.80

22.90

23.00

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25.90

26.00

26.10

26.20

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26.70

26.80

26.90

27.00

27.10

27.20

27.30

27.40

27.50

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27.70

27.80

27.90

28.00

28.10

28.20

28.30

28.40

28.50

28.60

28.70

28.80

28.90

29.00

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29.70

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30.00

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30.70

30.80

30.90

31.00

31.10

31.20

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31.40

31.50

31.60

31.70

31.80

31.90

32.00

32.10

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32.90

33.00

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34.00

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34.70

34.80

34.90

35.00

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35.70

35.80

35.90

36.00

36.10

36.20

36.30

36.40

36.50

36.60

36.70

36.80

36.90

37.00

37.10

37.20

37.30

37.40

37.50

37.60

37.70

37.80

37.90

38.00

38.10

38.20

38.30

38.40

38.50

38.60

38.70

38.80

38.90

39.00

39.10

39.20

39.30

39.40

39.50

39.60

39.70

39.80

39.90

40.00

40.10

40.20

40.30

40.40

40.50

40.60

40.70

40.80

40.90

41.00

41.10

41.20

41.30

41.40

41.50

41.60

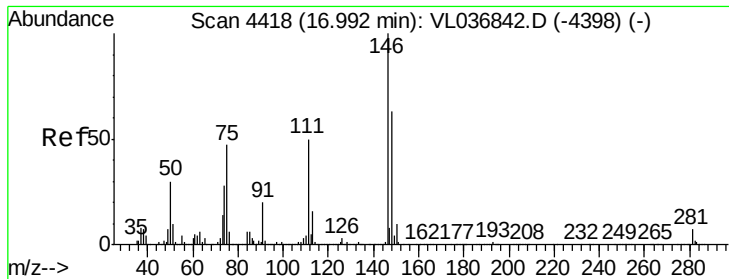
41.70

41.80

41.90

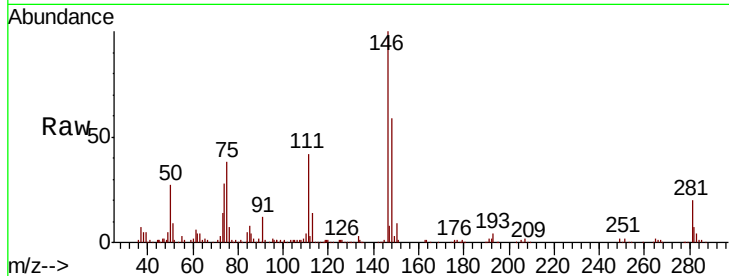
42.00

42.10

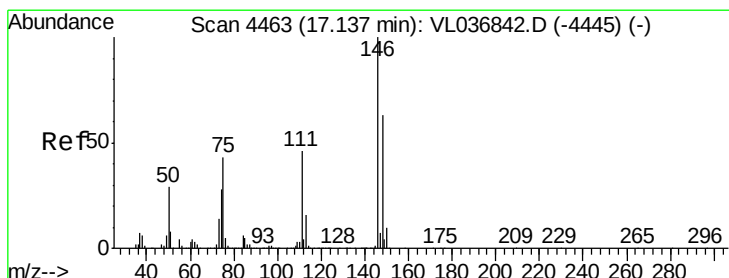
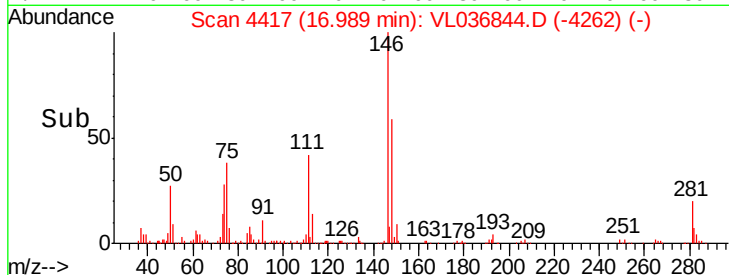
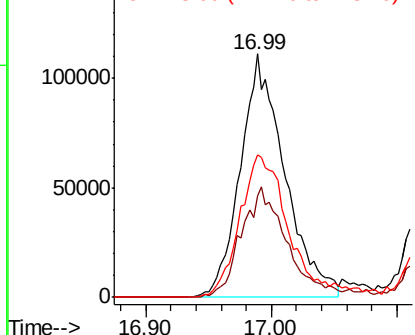


#75
 1,3-Dichlorobenzene
 Concen: 1.028 ppbv
 RT: 16.99 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 27 Apr 2021 2:44

Tot Ion:	146	Resp:	272932
Ion Ratio	Lower	Upper	
146	100		
111	47.1	24.2	72.6
148	65.7	32.1	96.3

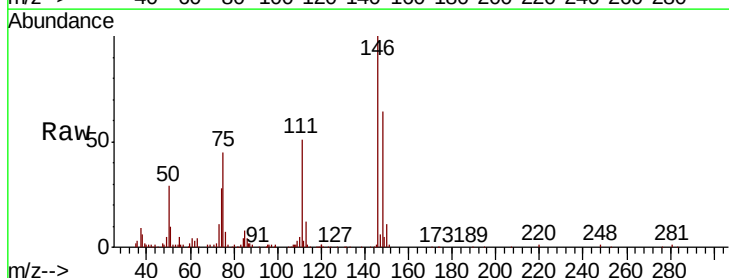


Abundance Ion 146.00 (145.70 to 146.70): V
 Ion 111.10 (110.80 to 111.80): V
 Ion 148.00 (147.70 to 148.70): V

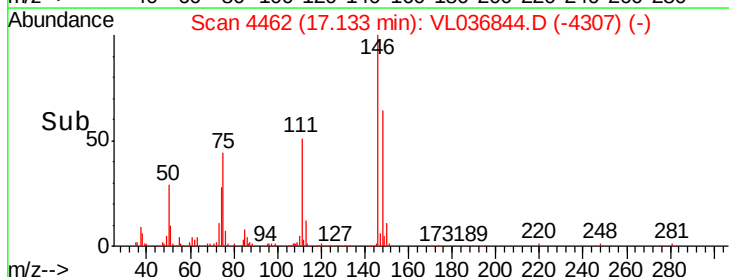
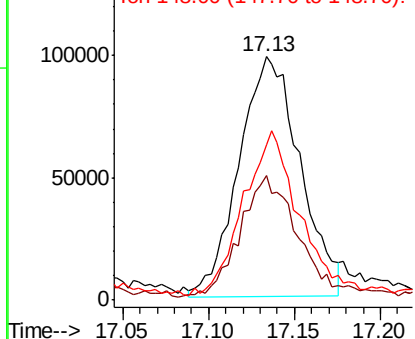


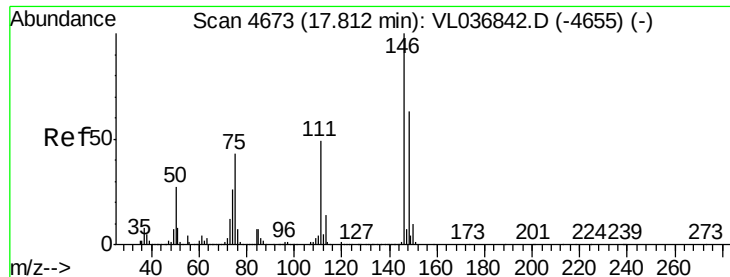
#76
 1,4-Dichlorobenzene
 Concen: 0.919 ppbv
 RT: 17.13 min Scan# 4462
 Delta R.T. -0.00 min
 Lab File: VL036844.D
 Acq: 27 Apr 2021 2:44

Tgt Ion:	146	Resp:	242093
Ion Ratio	Lower	Upper	
146	100		
111	53.4	24.0	72.0
148	71.2	32.8	98.3



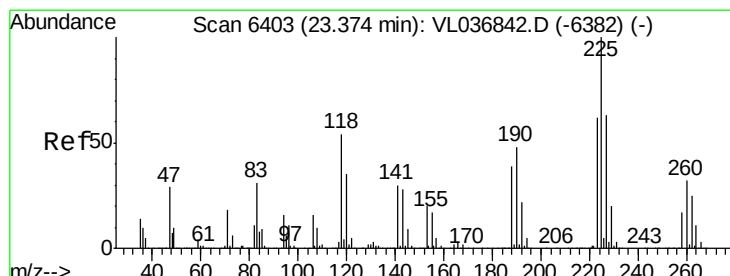
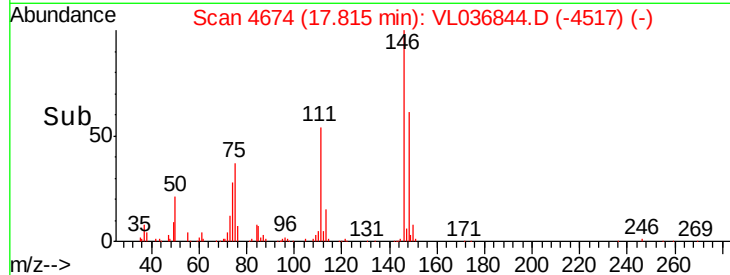
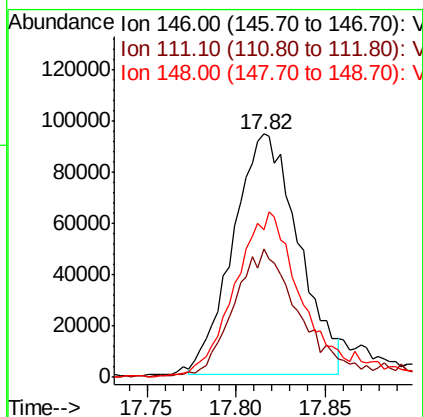
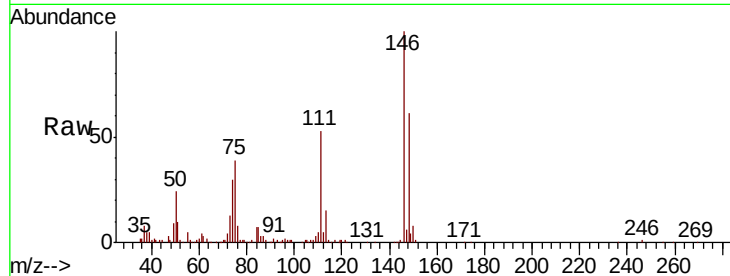
Abundance Ion 146.00 (145.70 to 146.70): V
 Ion 111.10 (110.80 to 111.80): V
 Ion 148.00 (147.70 to 148.70): V





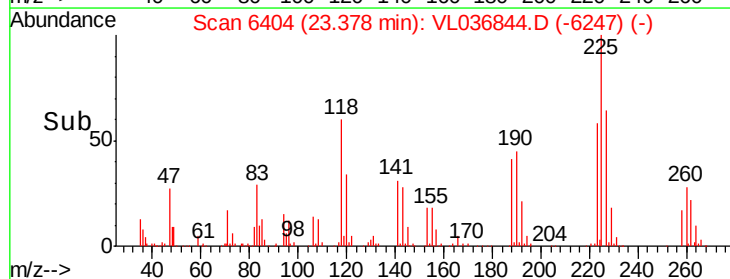
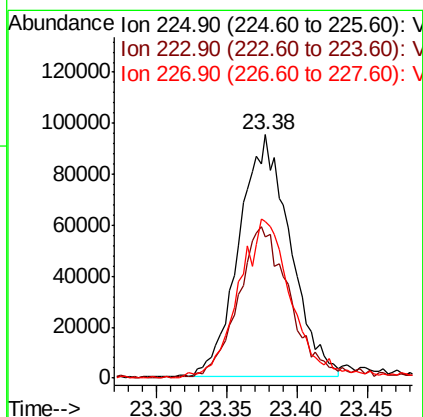
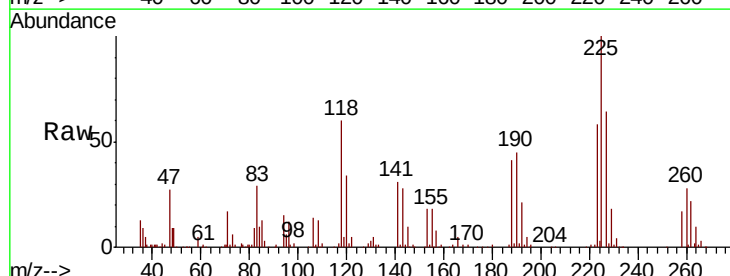
#77
 1,2-Dichlorobenzene
 Concen: 0.964 ppbv
 RT: 17.82 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 Acq: 27 Apr 2021 2:44

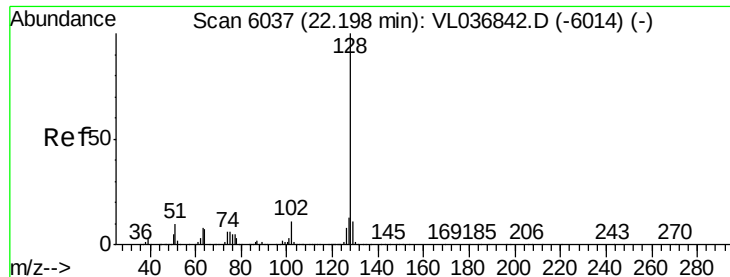
Tot Ion	Ratio	Lower	Upper
146	100		
111	57.6	25.1	75.2
148	72.3	32.0	96.2



#78
 Hexachloro-1,3-Butadiene
 Concen: 1.066 ppbv
 RT: 23.38 min Scan# 6404
 Delta R.T.: 0.00 min
 Lab File: VL036844.D
 Acq: 27 Apr 2021 2:44

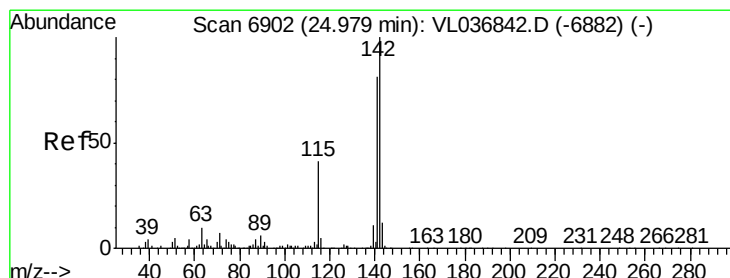
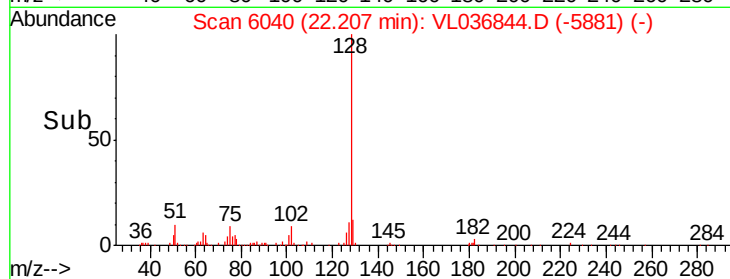
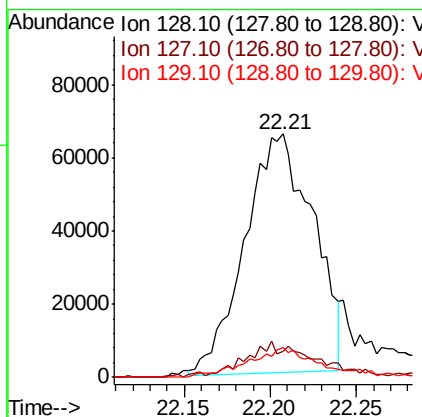
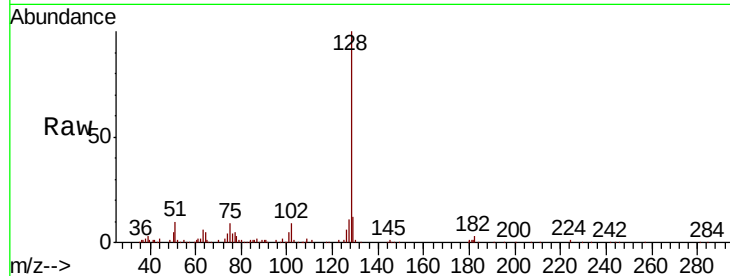
Tgt Ion	Ratio	Lower	Upper
225	100		
223	66.7	51.0	76.6
227	68.1	51.9	77.9





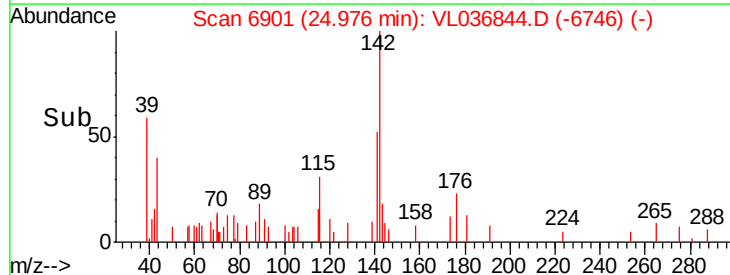
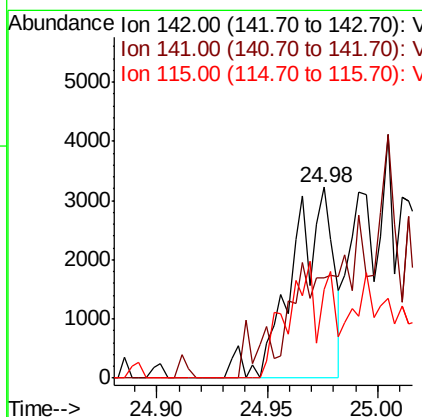
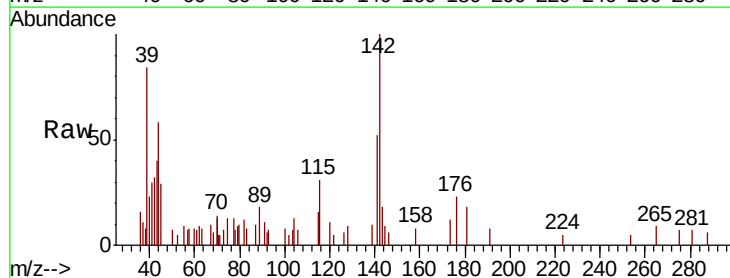
#79
Naphthalene
Concen: 0.670 ppbv
RT: 22.21 min
Instrument: MSVOA_L
Delta R.T.:
Lab File: ClientSampleId:
Acq: 27 Apr 2021 2:44

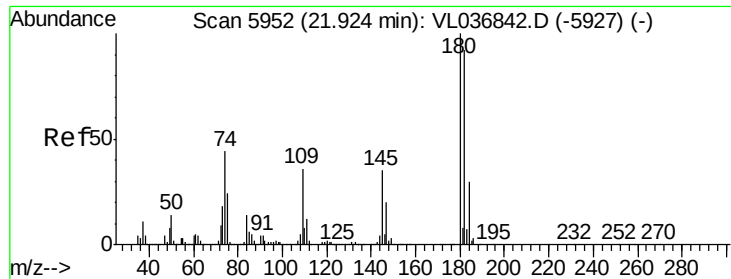
Tot Ion	Ratio	Lower	Upper
128	100		
127	9.7	10.6	15.8#
129	12.0	9.0	13.4



#80
Naphthalene, 2-methyl-
Concen: 0.092 ppbv
RT: 24.98 min Scan# 6901
Delta R.T.: -0.00 min
Lab File: VL036844.D
Acq: 27 Apr 2021 2:44

Tgt Ion	Ratio	Lower	Upper
142	100		
141	0.0	67.8	101.8#
115	59.2	32.1	48.1#





#81
 1,2,4-Trichlorobenzene
 Concen: 0.534 ppbv
 RT: 21.93
 Delta R.T: MSVOA_L
 Lab File: ClientSampleId :
 Acq: 27 Apr 2021 2.44

Tot Ion	Ratio	Lower	Upper
180	100		
182	0.0	79.9	119.9#
184	0.0	25.1	37.7#

