

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL042721\
 Data File : VL036846.D
 Acq On : 27 Apr 2021 3:57
 Operator : SY/AP
 Sample : VSTDIC0.1
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Apr 27 07:24:08 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 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	1576710	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	3892672	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.08	117	3301880	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.41	95	2663474	10.17	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.70%

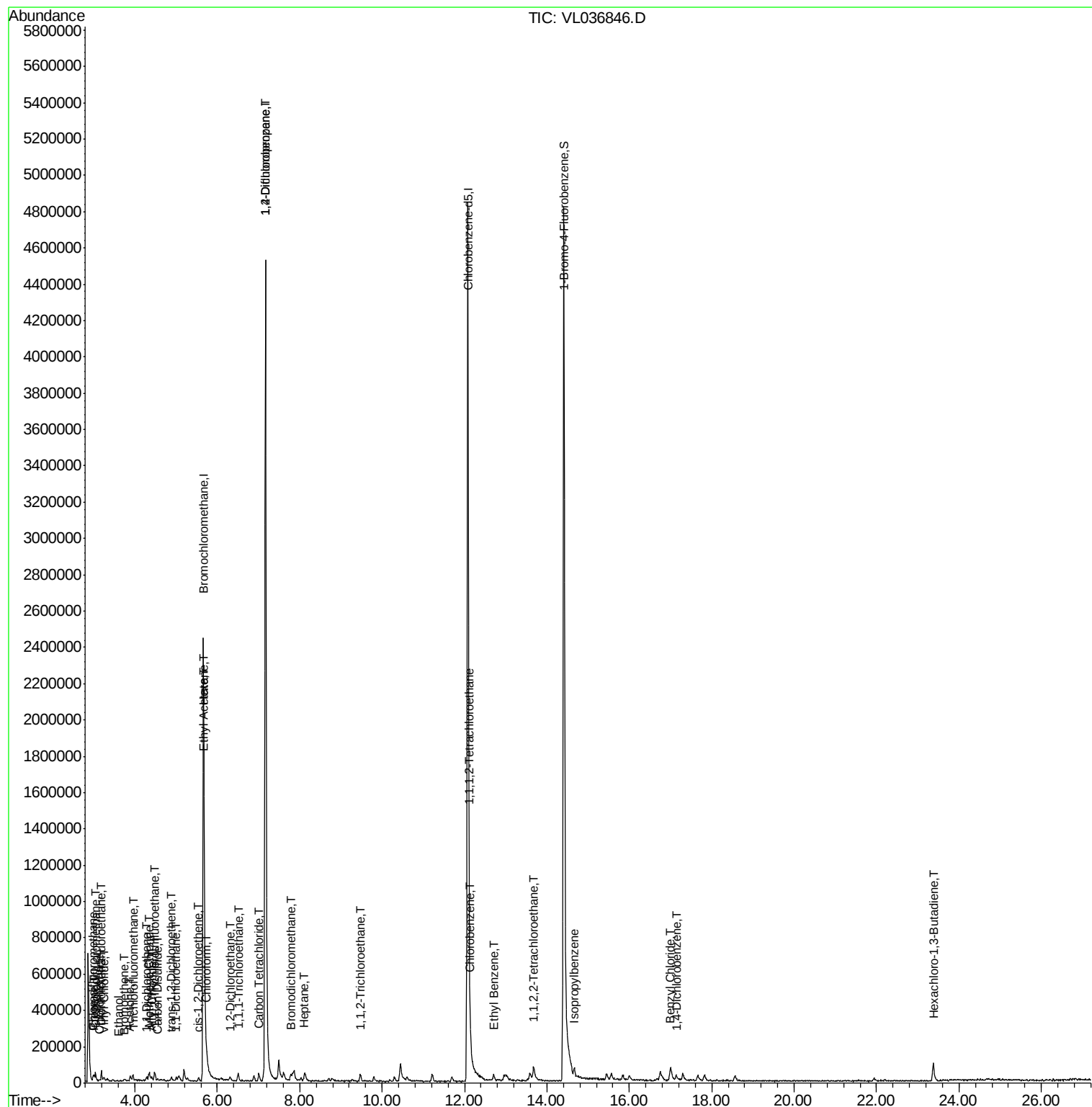
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.04	85	31693	0.124	ppbv	100
3) Chlorodifluoromethane	2.98	51	33174	0.113	ppbv	98
4) Chloromethane	3.14	50	6491	0.063	ppbv #	85
5) Vinyl Chloride	3.25	62	4317	0.041	ppbv #	43
8) Dichlorotetrafluoroethane	3.19	85	13557	0.056	ppbv #	8
9) Propene	3.01	41	5019	0.054	ppbv #	15
10) Heptane	8.11	43	7874	0.033	ppbv #	32
11) Trichlorofluoromethane	3.94	101	13203	0.052	ppbv	99
12) 1,1,2-Trichlorotrifluoroet	4.48	101	9473	0.058	ppbv #	34
13) Ethanol	3.61	45	361	0.033	ppbv #	34
14) Bromoethene	3.74	108	2194	0.032	ppbv #	5
15) Acetone	3.88	43	27605	0.182	ppbv #	48
18) 1,1-Dichloroethene	4.28	96	2655	0.037	ppbv #	94
20) Methylene Chloride	4.33	84	3492	0.049	ppbv #	85
21) Allyl Chloride	4.41	41	5846	0.049	ppbv #	1
22) trans-1,2-Dichloroethene	4.87	96	2325	0.034	ppbv #	46
24) 1,1-Dichloroethane	5.00	63	5841	0.032	ppbv #	91
25) Ethyl Acetate	5.69	43	13639	0.037	ppbv #	76
26) Hexane	5.68	57	13756	0.081	ppbv #	58
27) Carbon Disulfide	4.55	76	8045	0.048	ppbv #	63
29) Chloroform	5.74	83	25877	0.095	ppbv	86
31) cis-1,2-Dichloroethene	5.55	61	5831	0.036	ppbv #	62
32) 1,1,1-Trichloroethane	6.50	97	15944	0.058	ppbv #	43
35) Carbon Tetrachloride	7.01	117	18987	0.064	ppbv	92
37) 1,2-Dichloroethane	6.30	62	11171	0.054	ppbv #	73
39) 1,2-Dichloropropane	7.17	63	1015017	7.077	ppbv #	24
42) Bromodichloromethane	7.78	83	10544	0.037	ppbv #	97
47) 1,1,2-Trichloroethane	9.47	97	4614	0.032	ppbv #	41
56) 1,1,1,2-Tetrachloroethane	12.12	131	6419	0.044	ppbv #	1
57) Chlorobenzene	12.15	112	11781	0.042	ppbv #	86
58) Ethyl Benzene	12.71	91	22832	0.048	ppbv	97
62) Isopropylbenzene	14.66	105	21745	0.041	ppbv #	49
63) 1,1,2,2-Tetrachloroethane	13.67	83	9936	0.032	ppbv #	1
66) Benzyl Chloride	16.99	91	1544	0.031	ppbv #	70
76) 1,4-Dichlorobenzene	17.14	146	8014	0.033	ppbv #	1
78) Hexachloro-1,3-Butadiene	23.38	225	16535	0.079	ppbv #	54

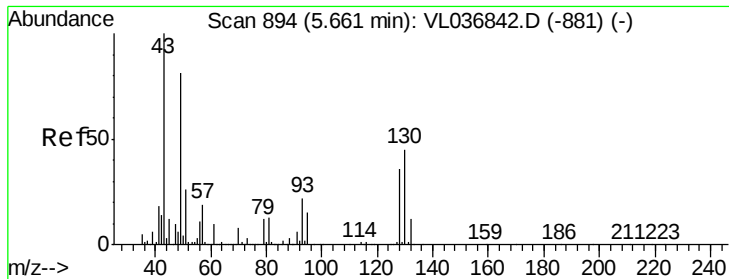
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.66 Instrument:

Delta R.T. MSVOA_L

Lab File:

Acq: 27 Apr 2021 3:57

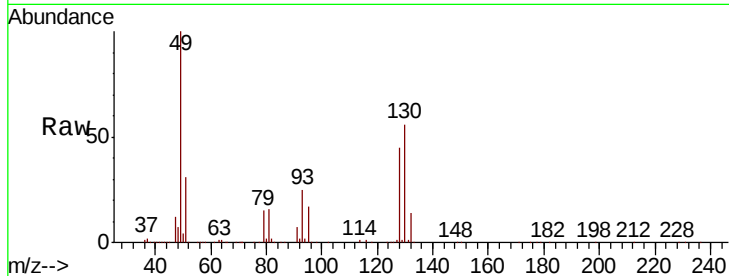
Tot Ion: 49 Resp: 1576710

Ion Ratio Lower Upper

49 100

128 46.6 24.4 73.2

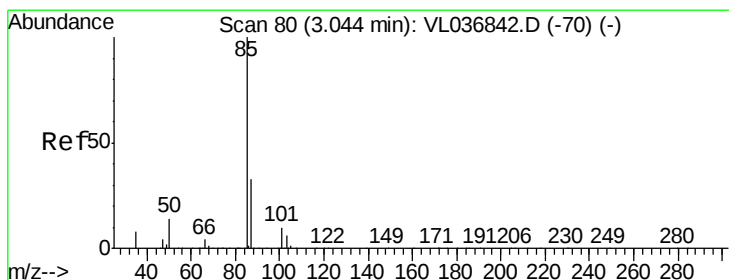
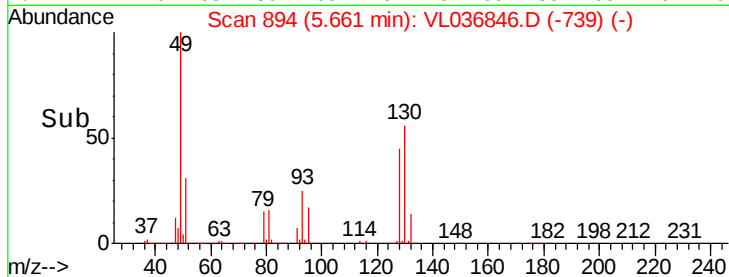
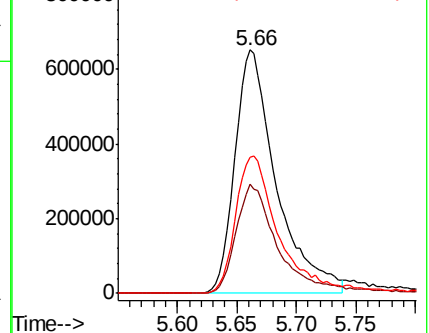
130 60.9 30.1 90.5



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: 0.124 ppbv

RT: 3.04 min Scan# 79

Delta R.T. -0.00 min

Lab File: VL036846.D

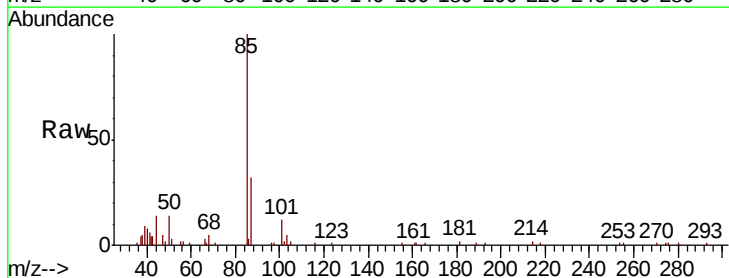
Acq: 27 Apr 2021 3:57

Tgt Ion: 85 Resp: 31693

Ion Ratio Lower Upper

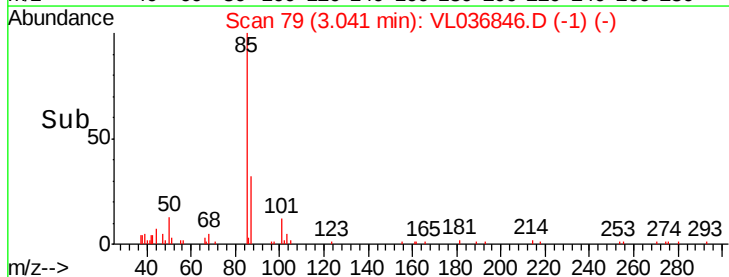
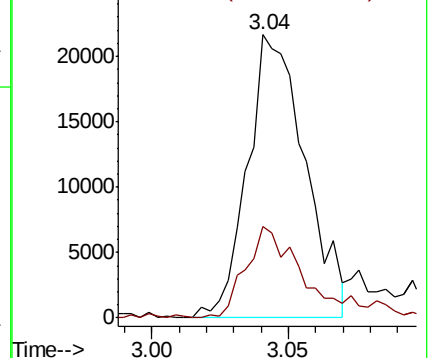
85 100

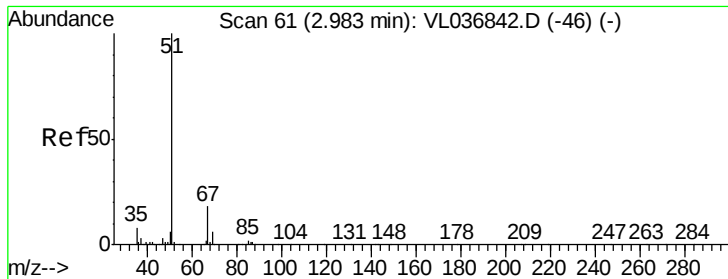
87 32.4 26.2 39.2



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0





#3

Chlorodifluoromethane

Concen: 0.113 ppbv

RT: 2.98 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

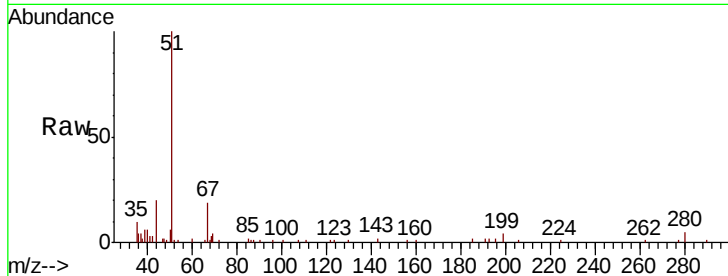
Acq: 27 Apr 2021 3:57

Tot Ion: 51 Resp: 33174

Ion Ratio Lower Upper

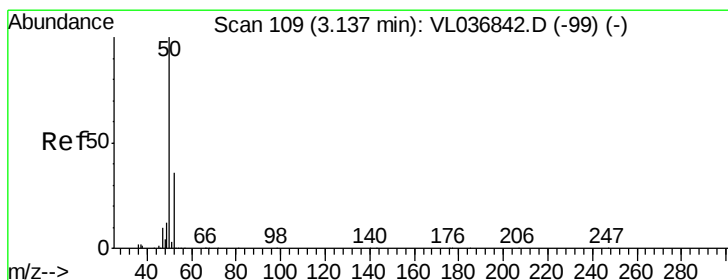
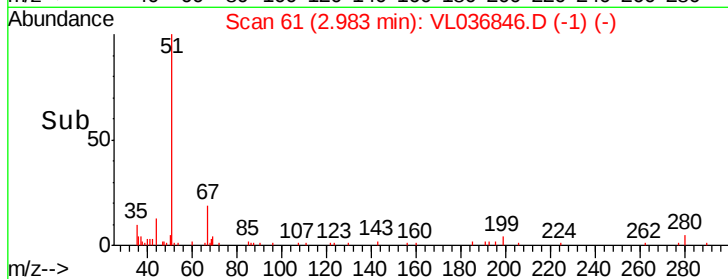
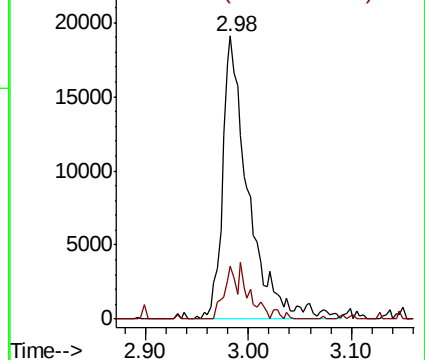
51 100

67 17.7 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: 0.063 ppbv

RT: 3.14 min Scan# 110

Delta R.T. 0.00 min

Lab File: VL036846.D

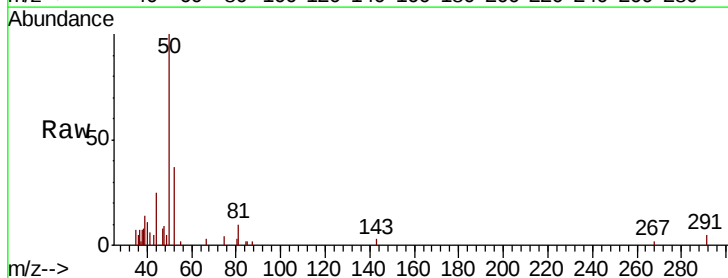
Acq: 27 Apr 2021 3:57

Tgt Ion: 50 Resp: 6491

Ion Ratio Lower Upper

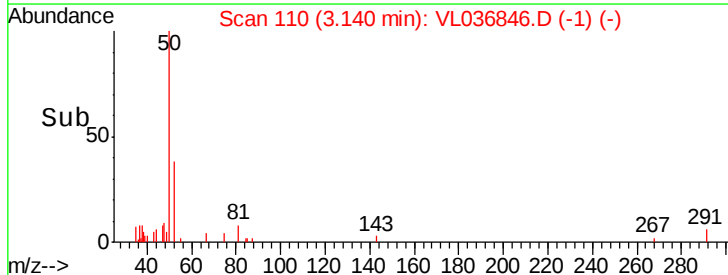
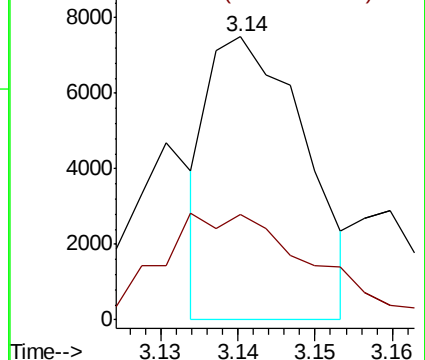
50 100

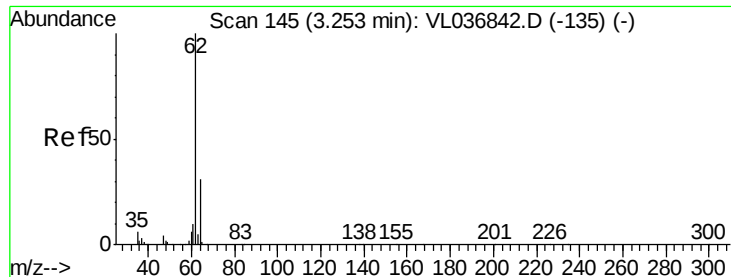
52 27.0 28.5 42.7#



Abundance Ion 50.10 (49.80 to 50.80): VL0

Ion 52.10 (51.80 to 52.80): VL0





#5

Vinyl Chloride

Concen: 0.041 ppbv

RT: 3.25 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

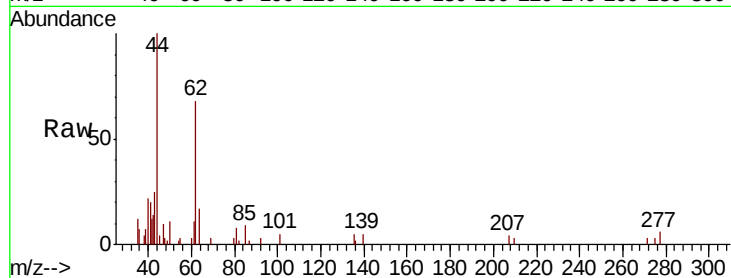
Acq: 27 Apr 2021 3:57

Tot Ion: 62 Resp: 4317

Ion Ratio Lower Upper

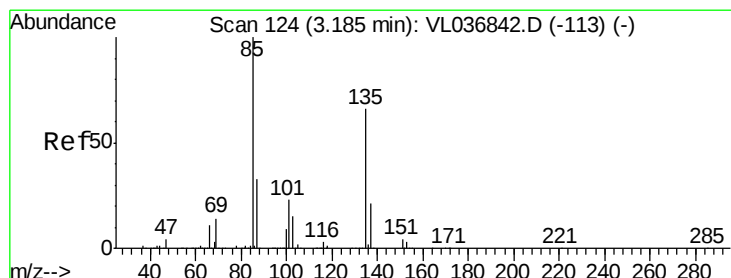
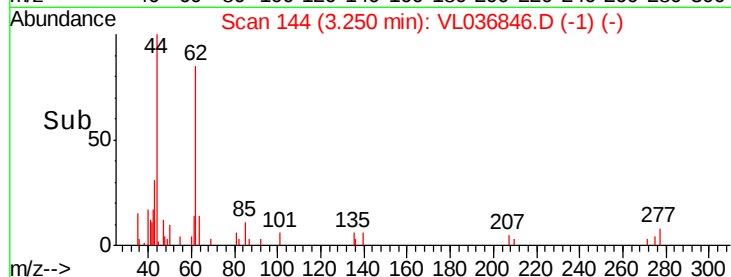
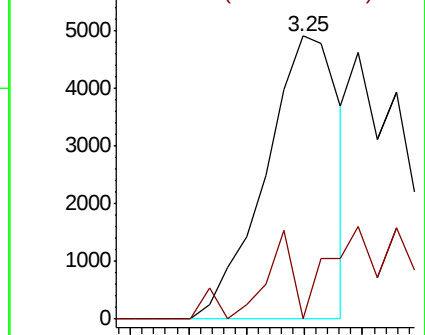
62 100

64 0.0 25.0 37.4#



Abundance Ion 62.10 (61.80 to 62.80): VL0

Ion 64.10 (63.80 to 64.80): VL0



#8

Dichlorotetrafluoroethane

Concen: 0.056 ppbv

RT: 3.19 min Scan# 125

Delta R.T. 0.00 min

Lab File: VL036846.D

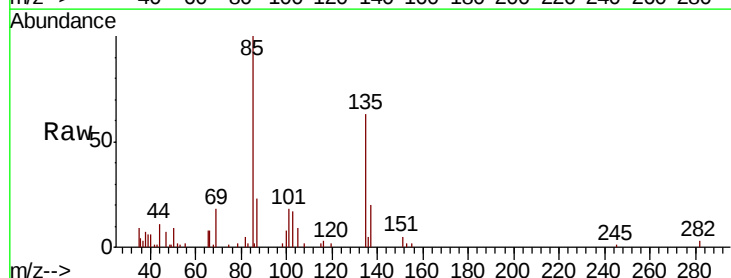
Acq: 27 Apr 2021 3:57

Tgt Ion: 85 Resp: 13557

Ion Ratio Lower Upper

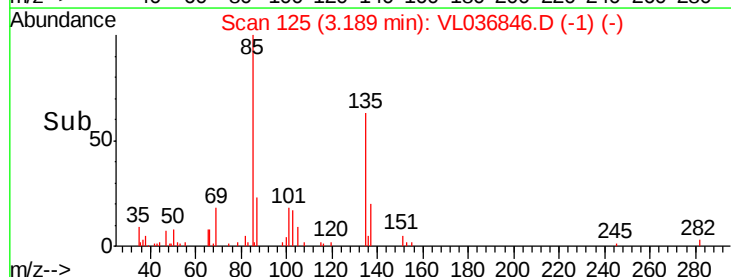
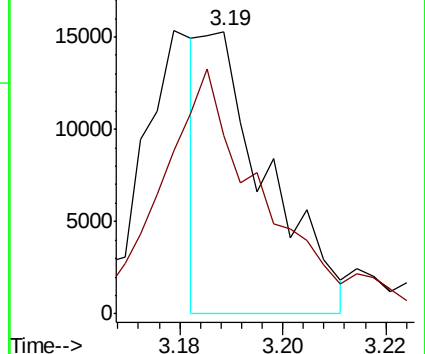
85 100

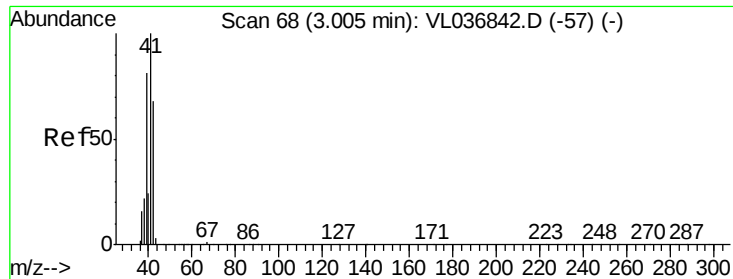
135 145.6 56.2 84.4#



Abundance Ion 85.00 (84.70 to 85.70): VL0

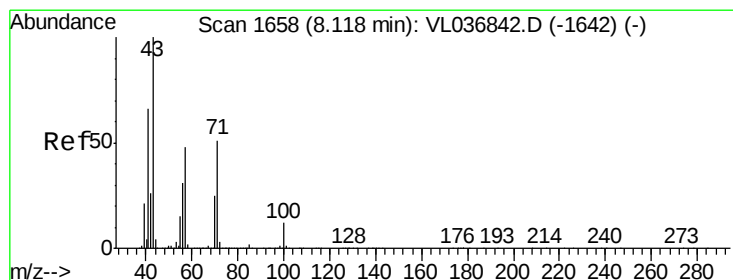
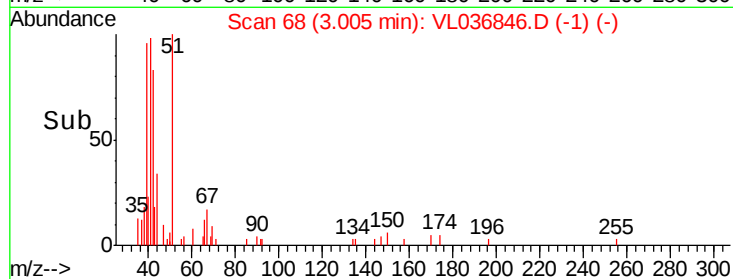
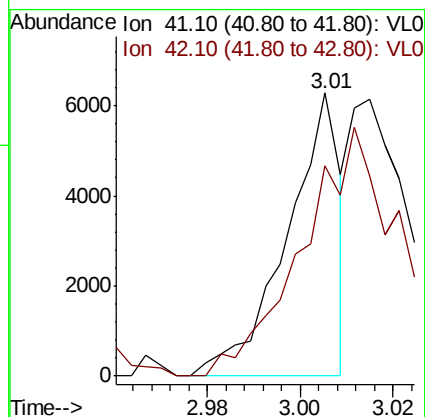
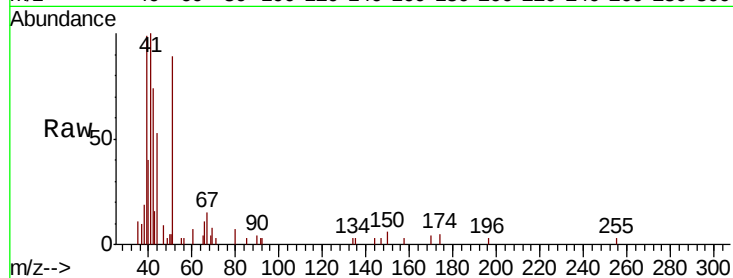
Ion 135.00 (134.70 to 135.70): V





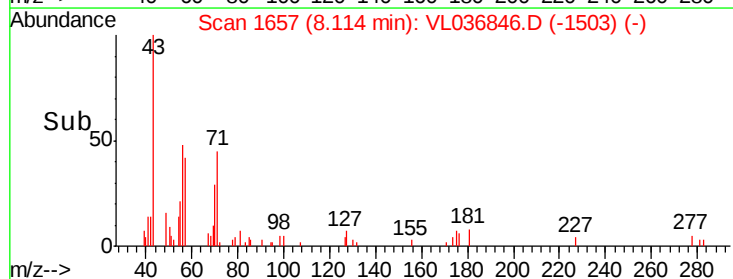
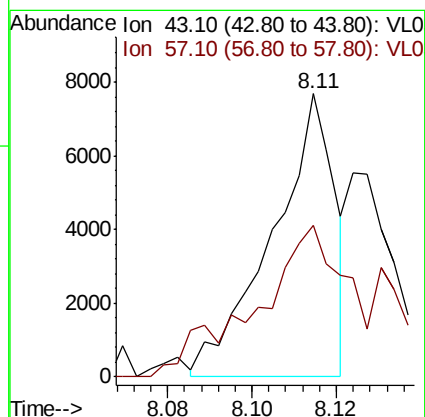
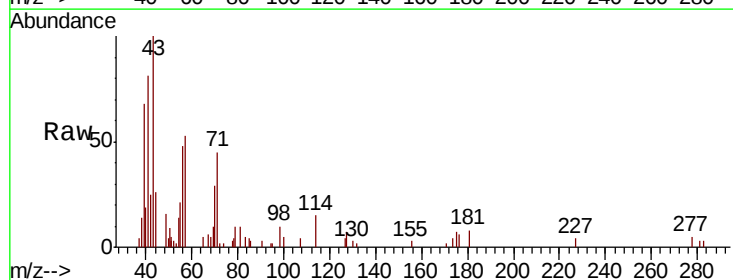
#9
 Propene
 Concen: 0.054 ppbv
 RT: 3.01
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 Acq: 27 Apr 2021 3:57

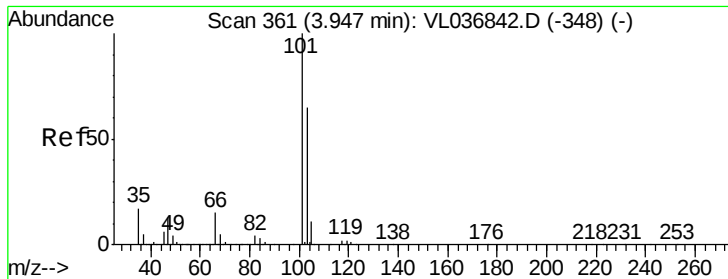
Tot Ion: 41 Resp: 5019
 Ion Ratio Lower Upper
 41 100
 42 0.0 56.0 84.0#



#10
 Heptane
 Concen: 0.033 ppbv
 RT: 8.11 min Scan# 1657
 Delta R.T.: -0.00 min
 Lab File: VL036846.D
 Acq: 27 Apr 2021 3:57

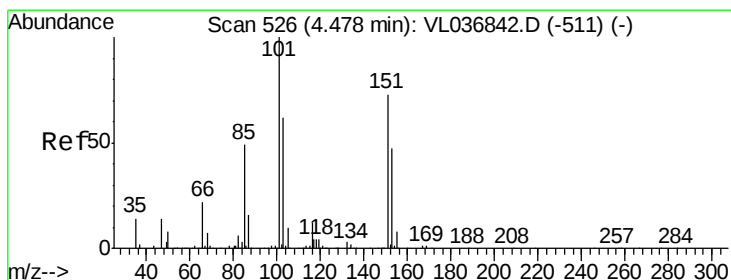
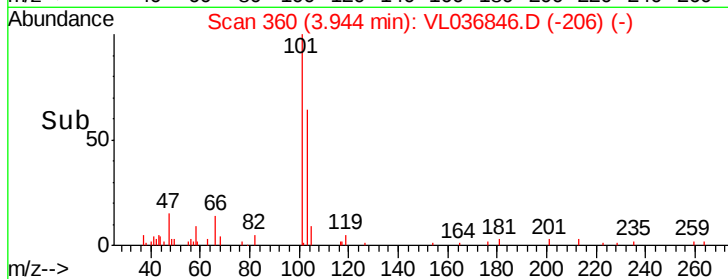
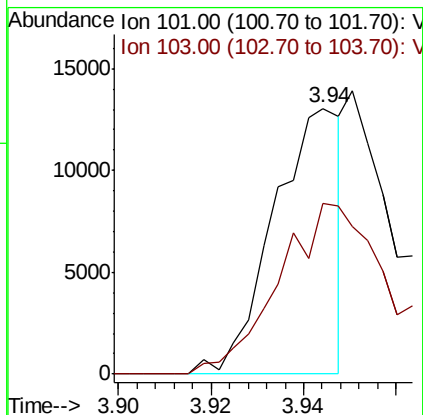
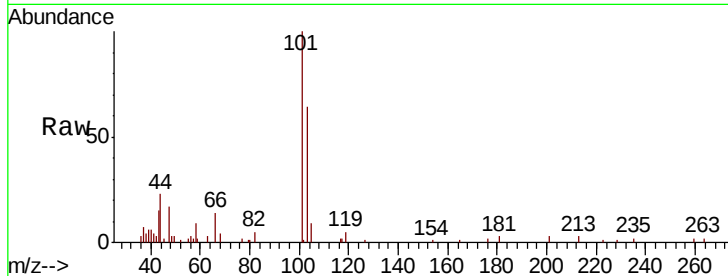
Tgt Ion: 43 Resp: 7874
 Ion Ratio Lower Upper
 43 100
 57 95.1 39.0 58.6#





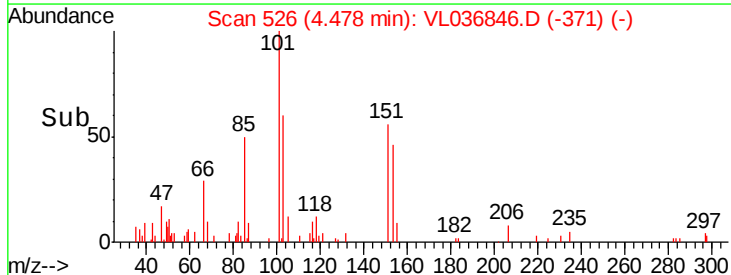
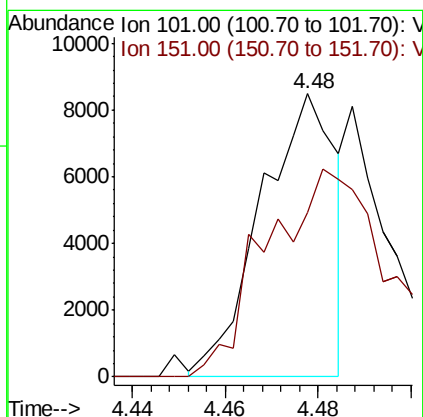
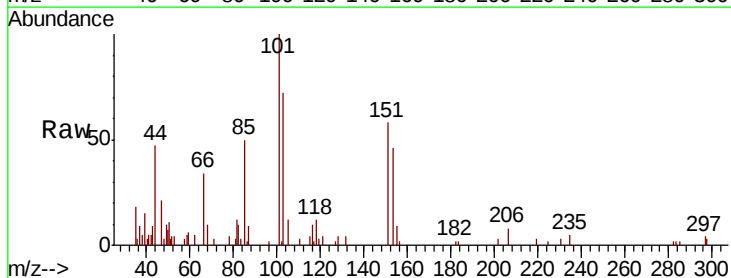
#11
 Trichlorofluoromethane
 Concen: 0.052 ppbv
 RT: 3.94 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 Acq: 27 Apr 2021 3:57

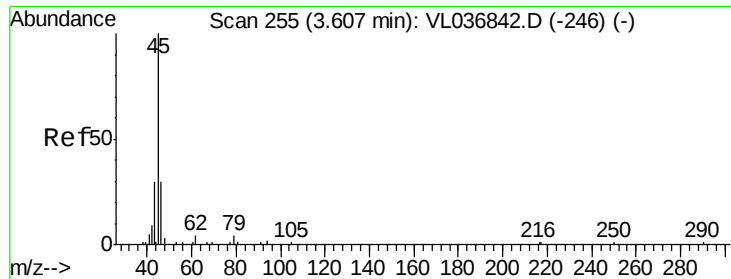
Tot Ion:101 Resp: 13203
 Ion Ratio Lower Upper
 101 100
 103 64.1 51.6 77.4



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.058 ppbv
 RT: 4.48 min Scan# 526
 Delta R.T. -0.00 min
 Lab File: VL036846.D
 Acq: 27 Apr 2021 3:57

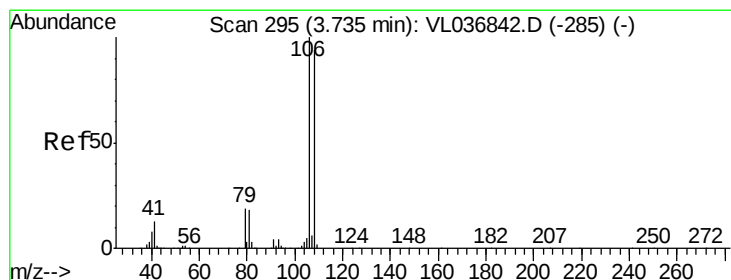
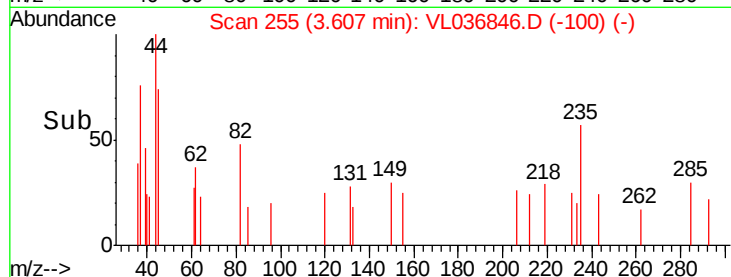
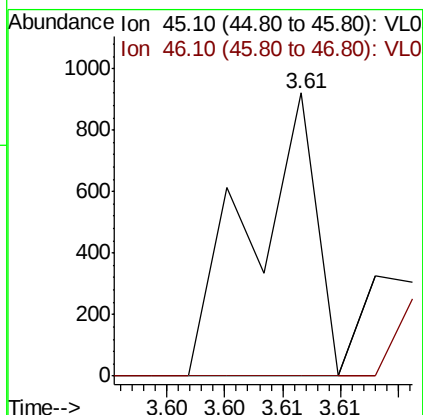
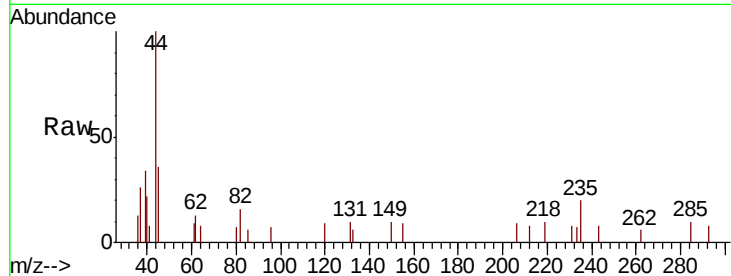
Tgt Ion:101 Resp: 9473
 Ion Ratio Lower Upper
 101 100
 151 133.4 61.1 91.7#





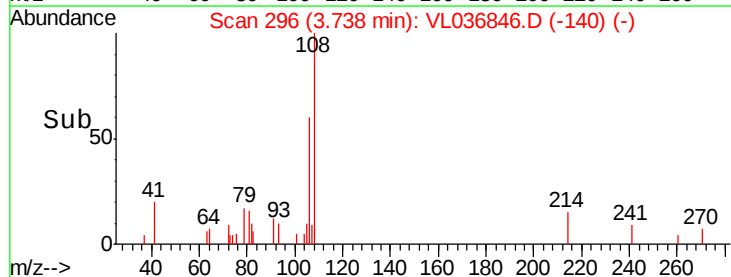
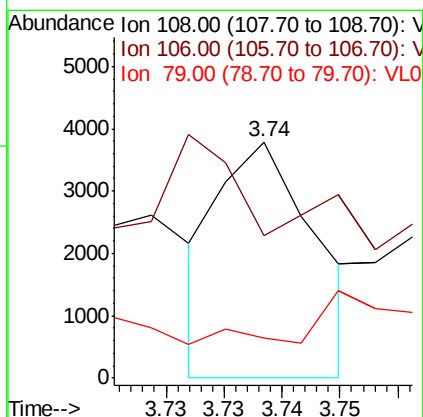
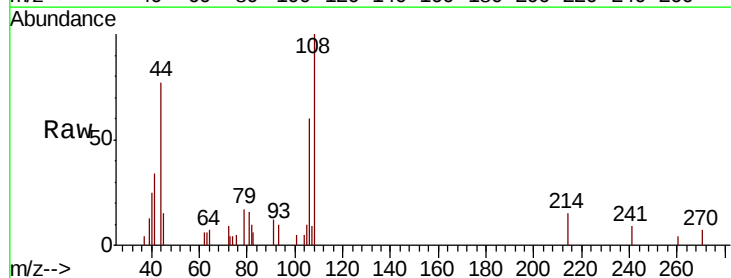
#13
 Ethanol
 Concen: 0.033 ppbv
 RT: 3.61 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 Acq: 27 Apr 2021 3:57

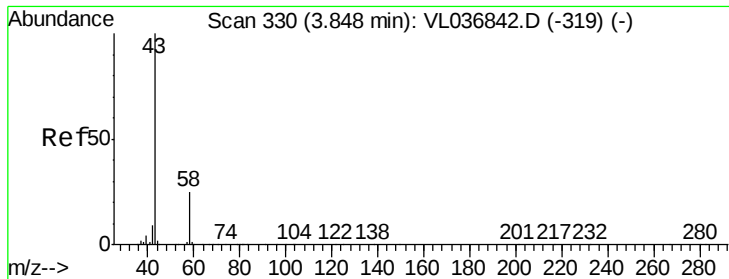
Tot Ion: 45 Resp: 361
 Ion Ratio Lower Upper
 45 100
 46 0.0 16.4 65.8#



#14
 Bromoethene
 Concen: 0.032 ppbv
 RT: 3.74 min Scan# 296
 Delta R.T.: 0.00 min
 Lab File: VL036846.D
 Acq: 27 Apr 2021 3:57

Tgt Ion: 108 Resp: 2194
 Ion Ratio Lower Upper
 108 100
 106 0.0 88.5 132.7#
 79 0.0 17.9 26.9#





#15

Acetone

Concen: 0.182 ppbv

RT: 3.88 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

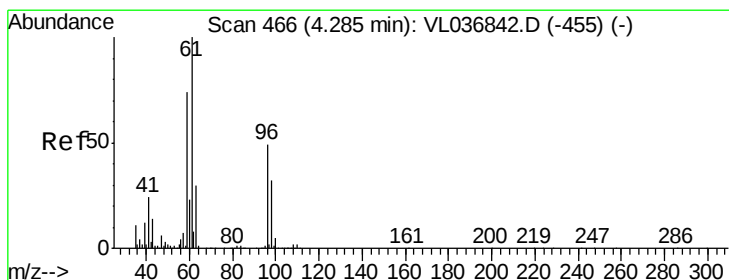
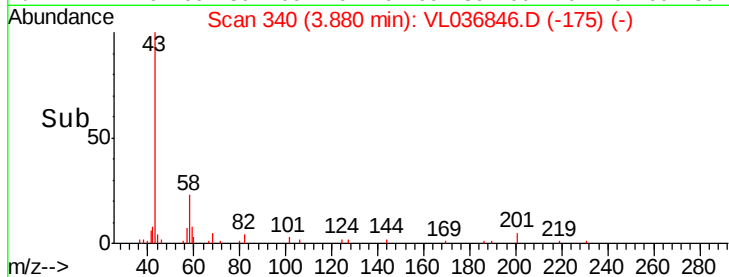
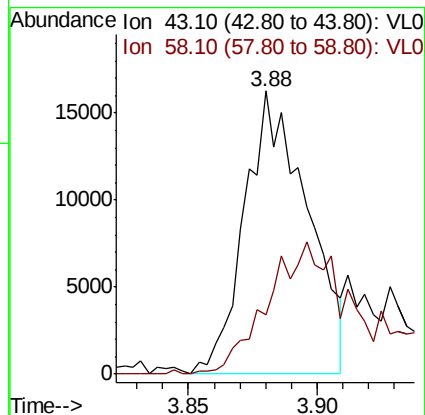
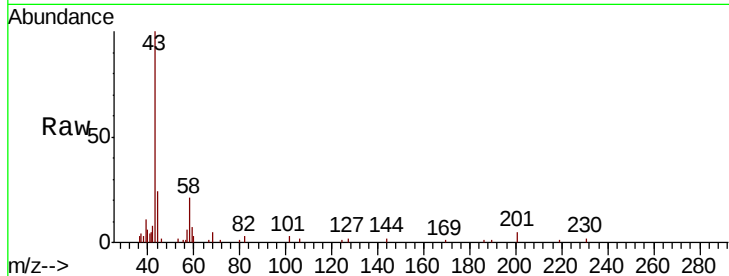
Acq: 27 Apr 2021 3:57

Tot Ion: 43 Resp: 27605

Ion Ratio Lower Upper

43 100

58 0.0 21.7 32.5#



#18

1,1-Dichloroethene

Concen: 0.037 ppbv

RT: 4.28 min Scan# 465

Delta R.T. -0.00 min

Lab File: VL036846.D

Acq: 27 Apr 2021 3:57

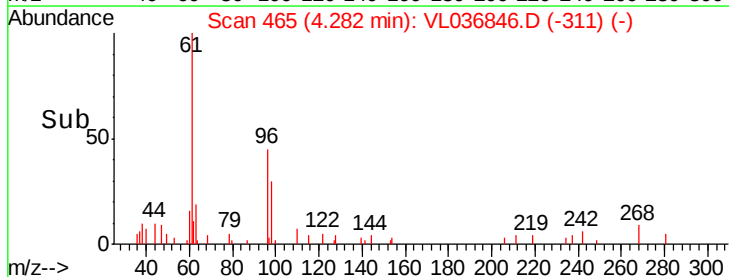
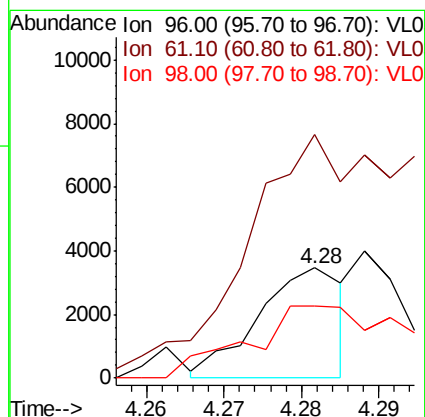
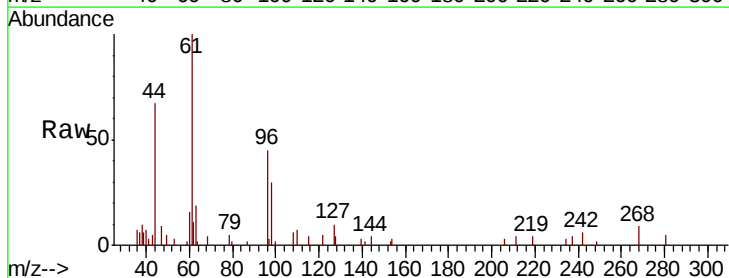
Tgt Ion: 96 Resp: 2655

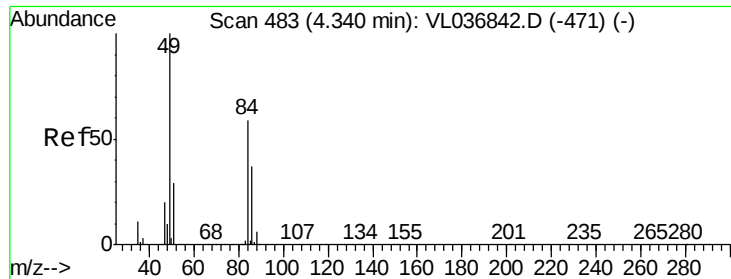
Ion Ratio Lower Upper

96 100

61 200.8 162.2 243.2

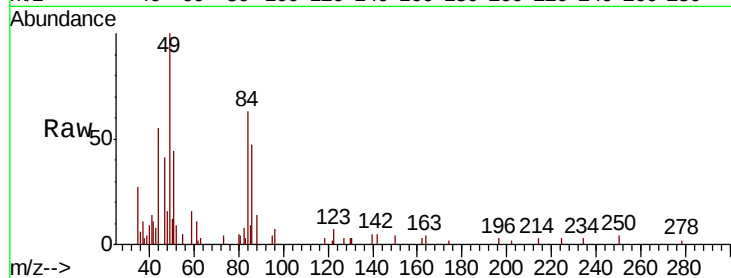
98 49.5 51.8 77.6#





#20
Methylene Chloride
Concen: 0.049 ppbv
RT: 4.33 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
Acq: 27 Apr 2021 3:57

Tot Ion:	84	Resp:	3492
Ion	Ratio	Lower	Upper
84	100		
49	147.0	135.4	203.0
51	63.1	39.3	58.9#
86	69.4	50.2	75.2



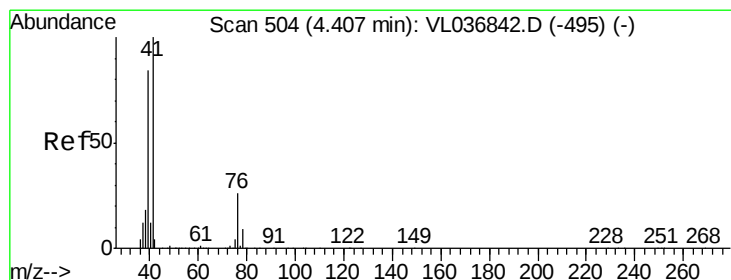
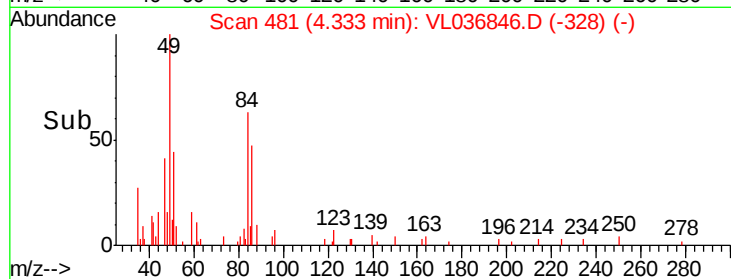
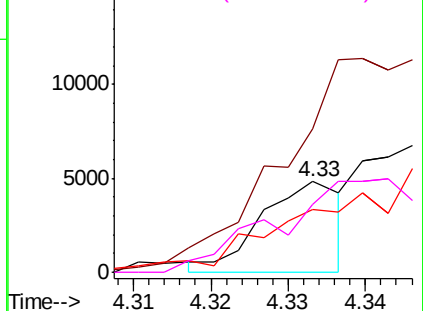
Abundance

Ion 84.00 (83.70 to 84.70): VL0

Ion 49.10 (48.80 to 49.80): VL0

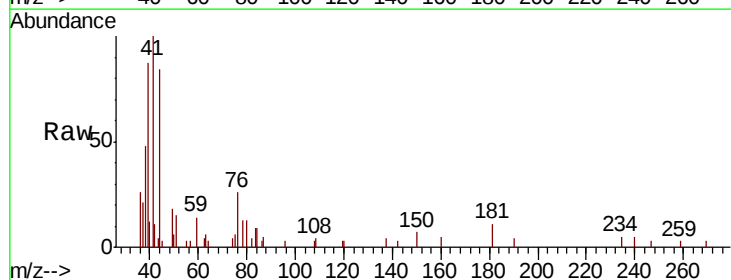
Ion 51.10 (50.80 to 51.80): VL0

Ion 86.00 (85.70 to 86.70): VL0



#21
Allyl Chloride
Concen: 0.049 ppbv
RT: 4.41 min Scan# 505
Delta R.T.: 0.00 min
Lab File: VL036846.D
Acq: 27 Apr 2021 3:57

Tgt Ion:	41	Resp:	5846
Ion	Ratio	Lower	Upper
41	100		
76	60.3	22.4	33.6#
39	193.2	68.4	102.6#

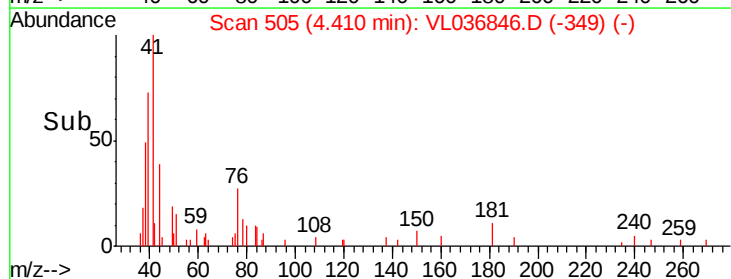
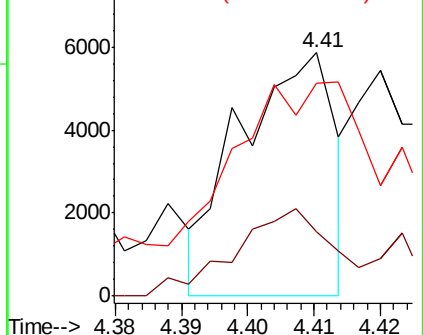


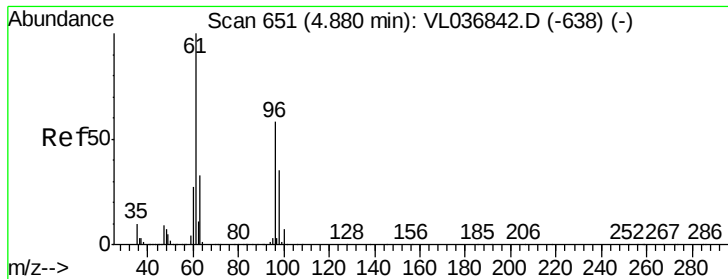
Abundance

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: 0.034 ppbv

RT: 4.87 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 27 Apr 2021 3:57

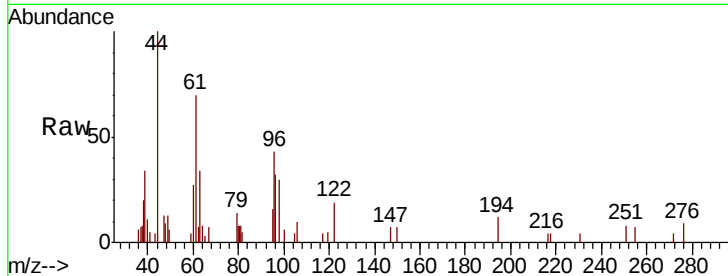
Tot Ion: 96 Resp: 2325

Ion Ratio Lower Upper

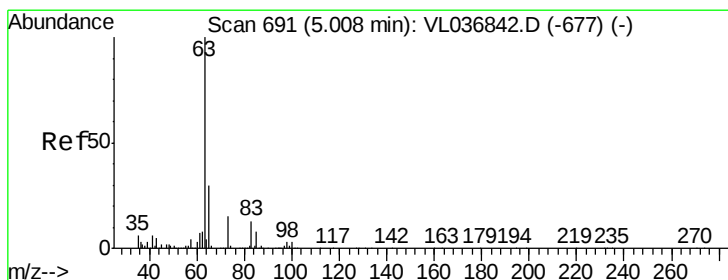
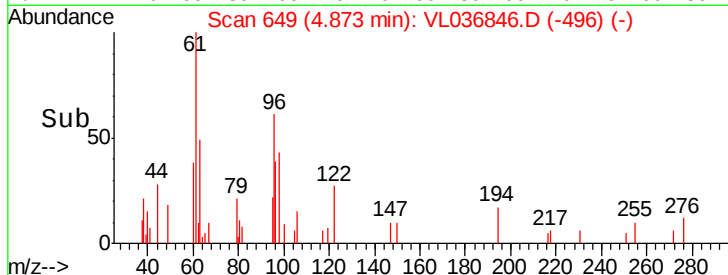
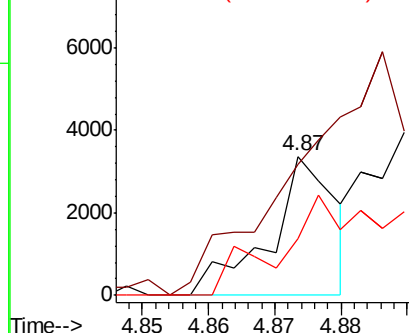
96 100

61 85.3 138.6 207.8#

98 40.5 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



#24

1,1-Dichloroethane

Concen: 0.032 ppbv

RT: 5.00 min Scan# 689

Delta R.T. -0.01 min

Lab File: VL036846.D

Acq: 27 Apr 2021 3:57

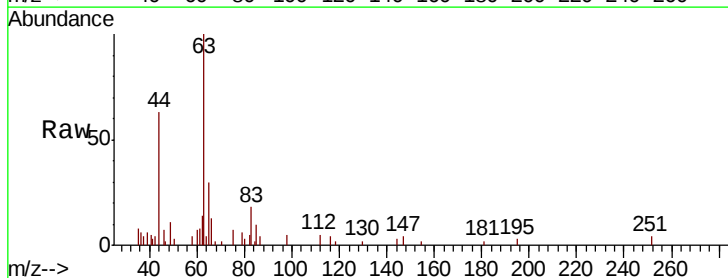
Tgt Ion: 63 Resp: 5841

Ion Ratio Lower Upper

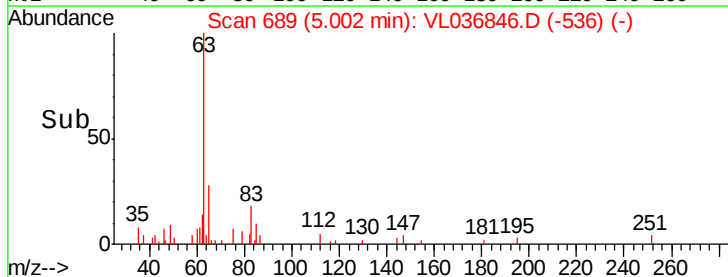
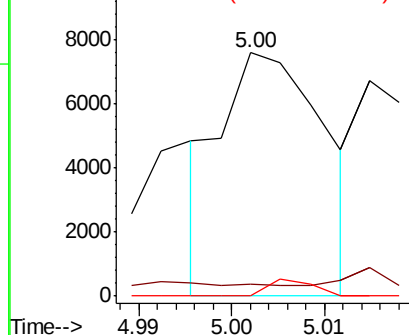
63 100

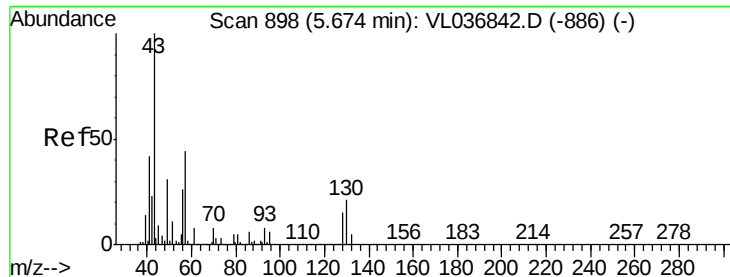
98 0.0 1.7 5.1#

100 0.0 1.3 3.8#



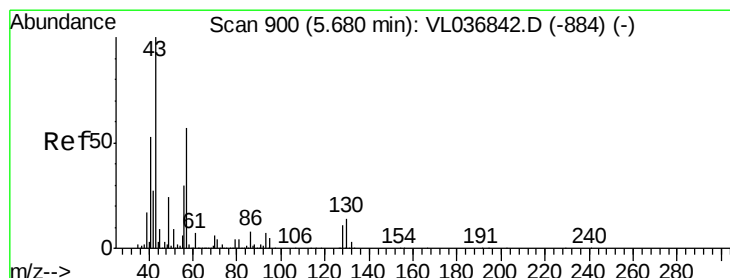
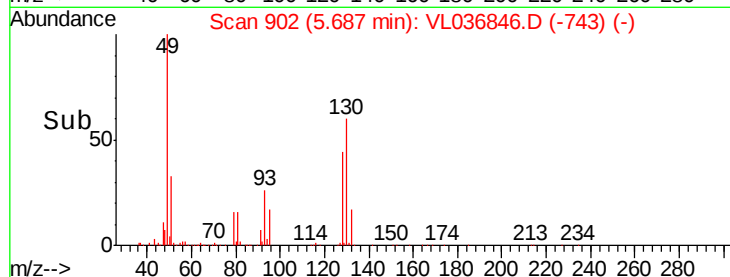
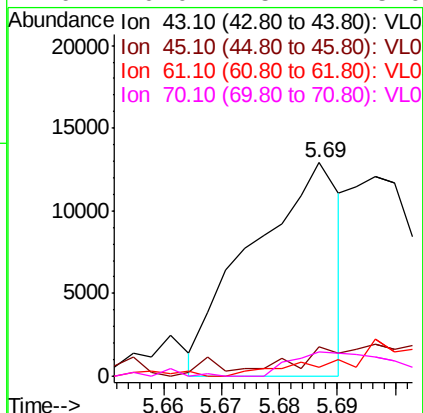
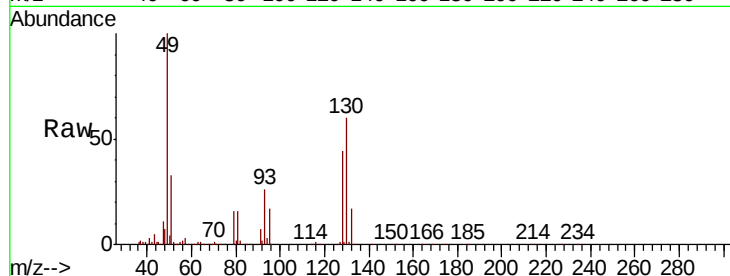
Abundance Ion 63.10 (62.80 to 63.80): VL0
Ion 98.00 (97.70 to 98.70): VL0
Ion 100.00 (99.70 to 100.70): VL0





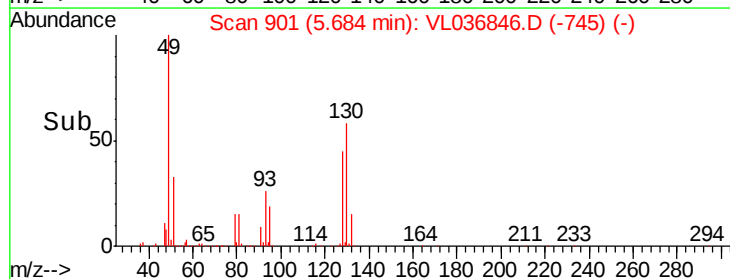
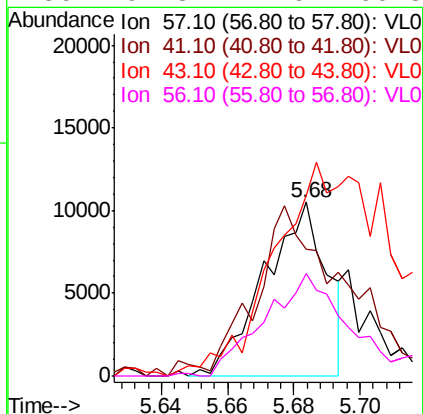
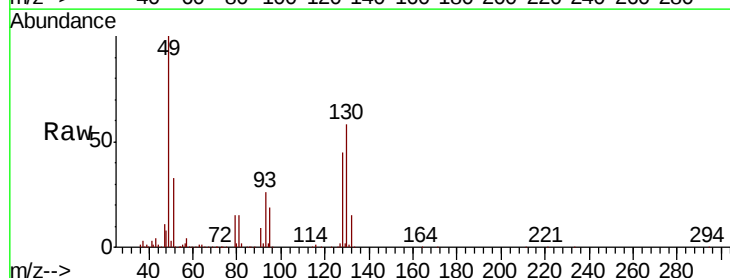
#25
Ethyl Acetate
Concen: 0.037 ppbv
RT: 5.69 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 27 Apr 2021 3:57

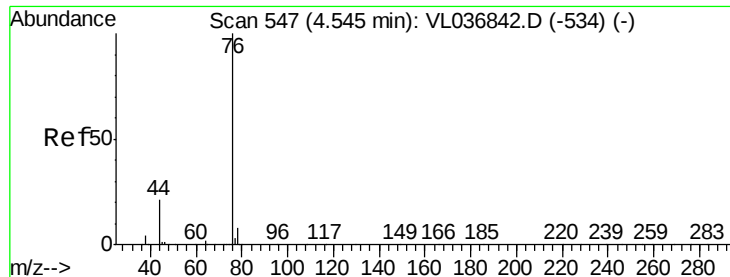
Tot Ion:	43	Resp:	13639
Ion	Ratio	Lower	Upper
43	100		
45	0.0	7.8	11.6#
61	0.0	7.6	11.4#
70	0.0	5.4	8.0#



#26
Hexane
Concen: 0.081 ppbv
RT: 5.68 min Scan# 901
Delta R.T.: 0.00 min
Lab File: VL036846.D
Acq: 27 Apr 2021 3:57

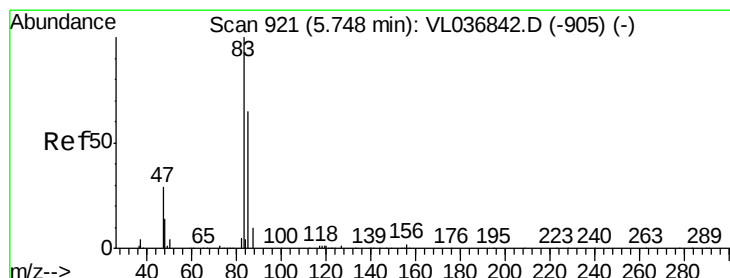
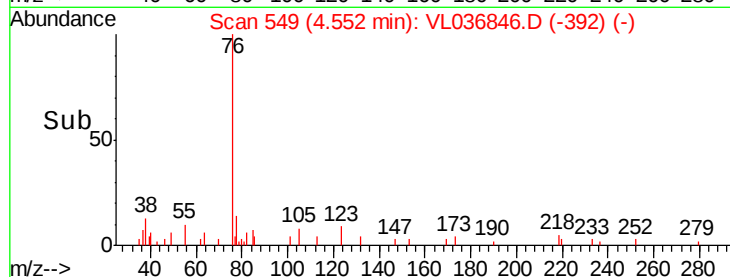
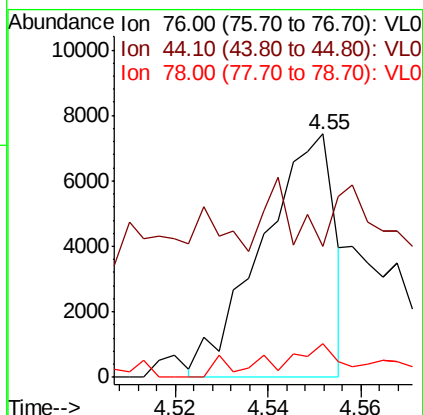
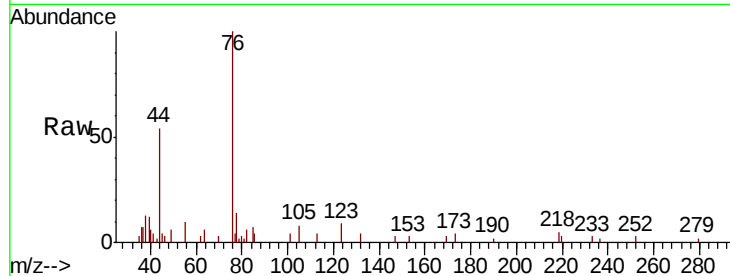
Tgt Ion:	57	Resp:	13756
Ion	Ratio	Lower	Upper
57	100		
41	162.0	77.7	116.5#
43	275.0	180.5	270.7#
56	91.3	44.6	66.8#





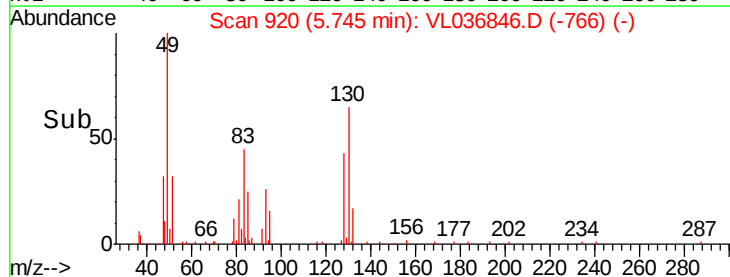
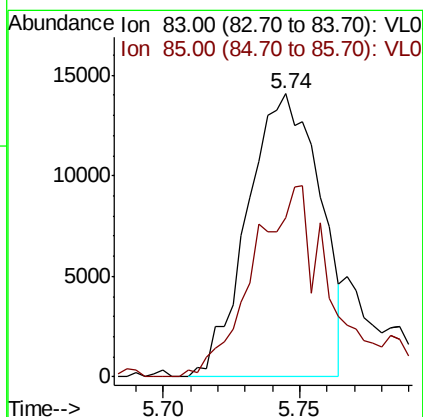
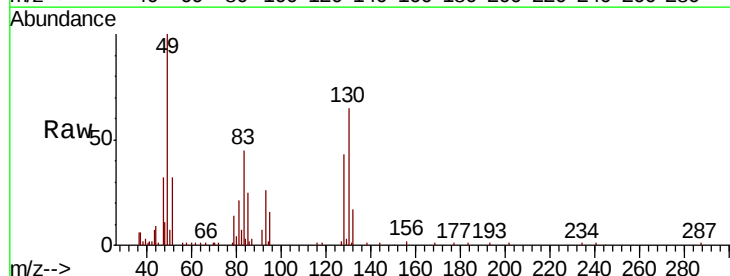
#27
Carbon Disulfide
Concen: 0.048 ppbv
RT: 4.55 Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
Acq: 27 Apr 2021 3:57

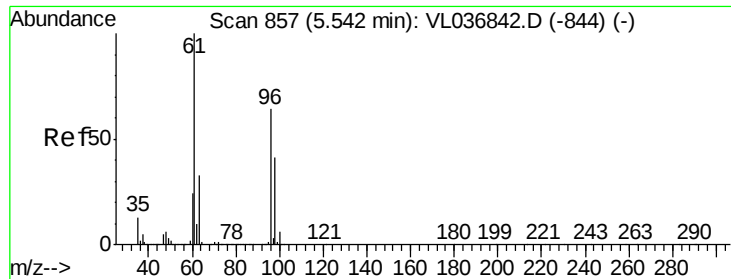
Tot Ion: 76 Resp: 8045
Ion Ratio Lower Upper
76 100
44 0.0 16.9 25.3#
78 17.3 7.9 11.9#



#29
Chloroform
Concen: 0.095 ppbv
RT: 5.74 min Scan# 920
Delta R.T. -0.00 min
Lab File: VL036846.D
Acq: 27 Apr 2021 3:57

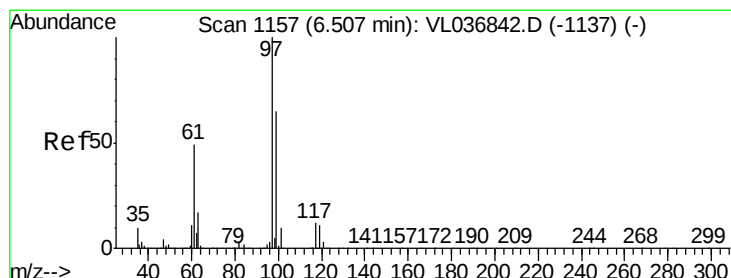
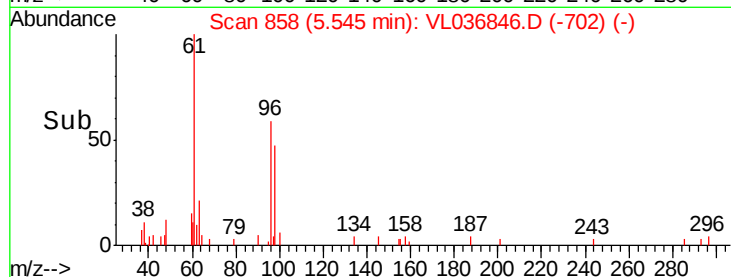
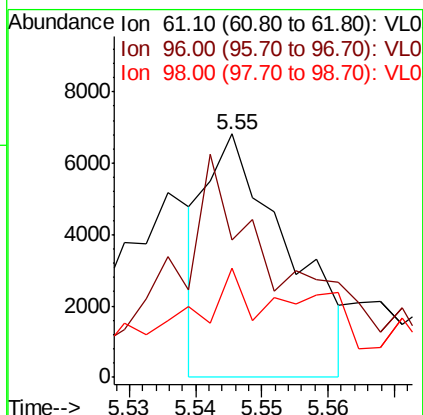
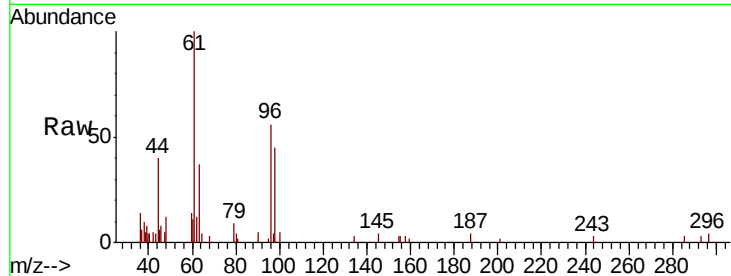
Tgt Ion: 83 Resp: 25877
Ion Ratio Lower Upper
83 100
85 54.0 52.2 78.4





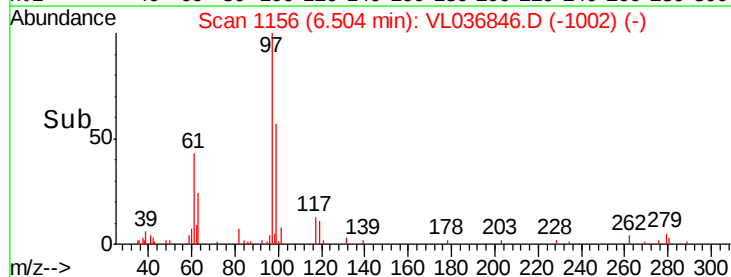
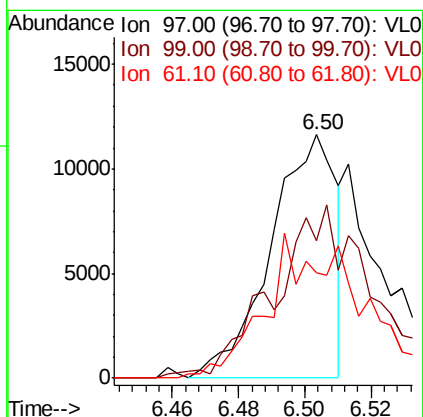
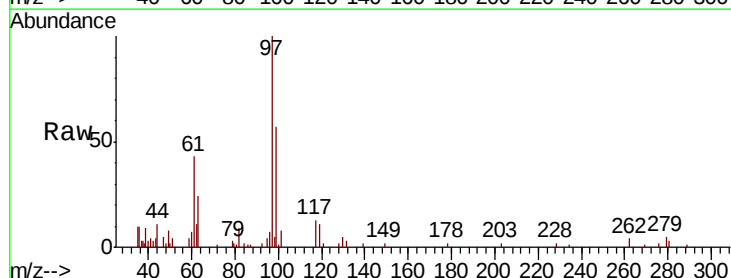
#31
 cis-1,2-Dichloroethene
 Concen: 0.036 ppbv
 RT: 5.55 Instrument :
 Delta R.T. MSVOA_1
 Lab File: ClientSampleId :
 Acq: 27 Apr 2021 3:57

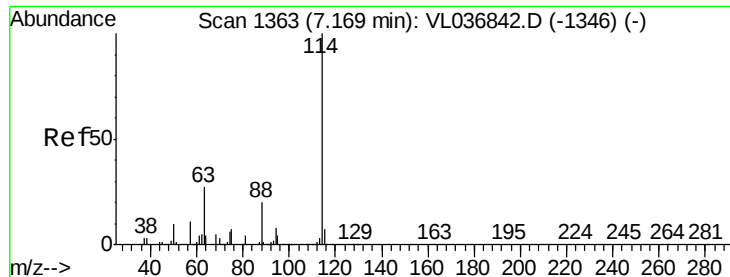
Tot Ion	Ratio	Lower	Upper
61	100		
96	28.7	51.0	76.6#
98	23.1	32.7	49.1#



#32
 1,1,1-Trichloroethane
 Concen: 0.058 ppbv
 RT: 6.50 min Scan# 1156
 Delta R.T. -0.00 min
 Lab File: VL036846.D
 Acq: 27 Apr 2021 3:57

Tgt Ion	Ratio	Lower	Upper
97	100		
99	111.2	51.8	77.6#
61	88.8	40.8	61.2#

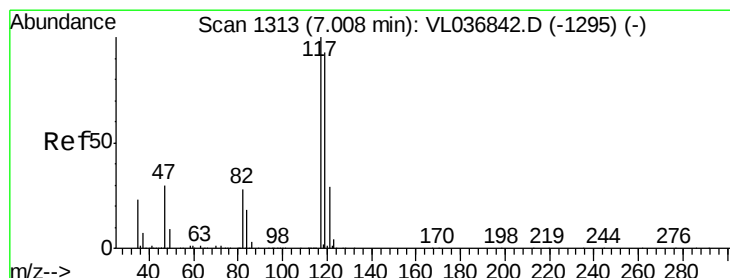
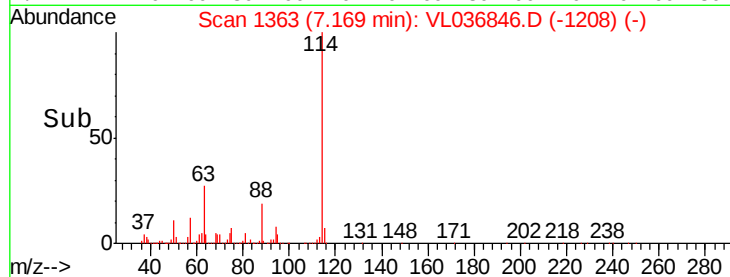
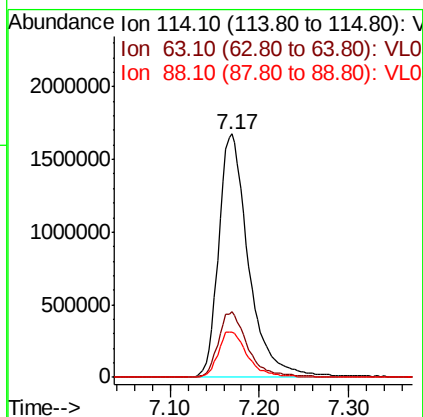
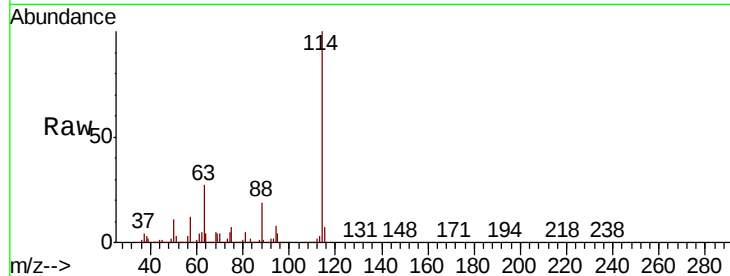




#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.17
 Instrument: MSVOA_L
 Delta R.T.:
 Lab File: ClientSampleId:
 Acq: 27 Apr 2021 3:57

Tot Ion:114 Resp: 3892672

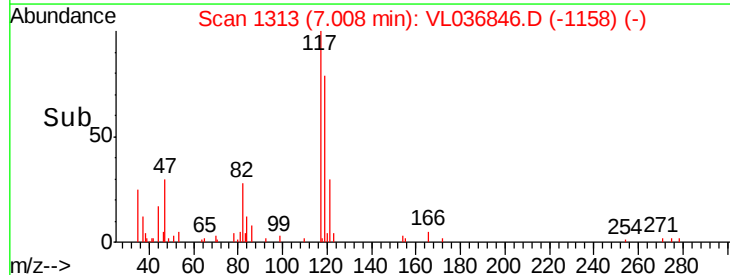
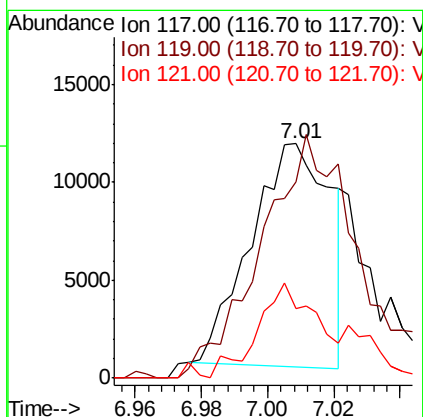
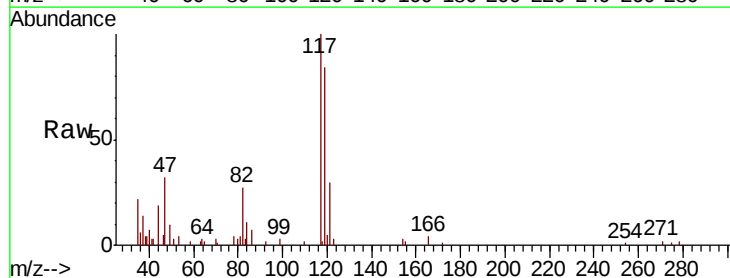
Ion	Ratio	Lower	Upper
114	100		
63	27.0	21.9	32.9
88	18.8	15.1	22.7

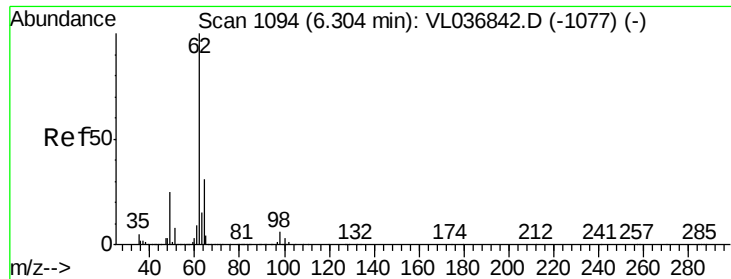


#35
 Carbon Tetrachloride
 Concen: 0.064 ppbv
 RT: 7.01 min Scan# 1313
 Delta R.T.: -0.00 min
 Lab File: VL036846.D
 Acq: 27 Apr 2021 3:57

Tgt Ion:117 Resp: 18987

Ion	Ratio	Lower	Upper
117	100		
119	85.6	74.6	111.8
121	25.1	23.3	34.9





#37

1,2-Dichloroethane

Concen: 0.054 ppbv

RT: 6.30 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

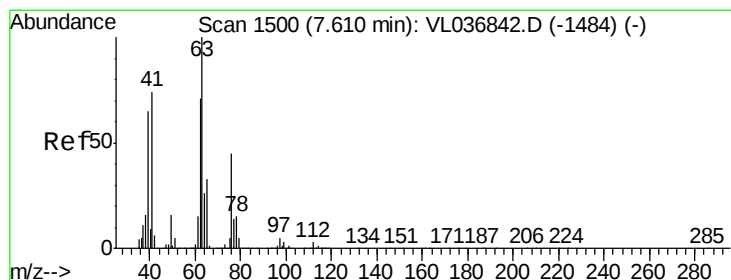
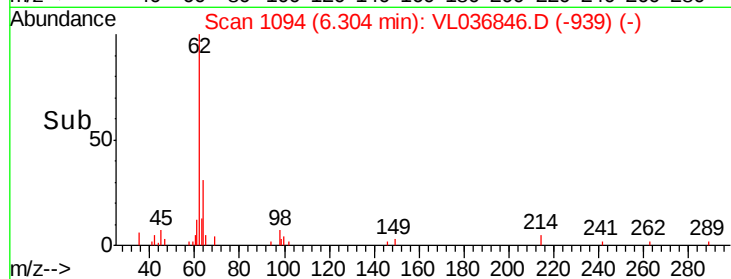
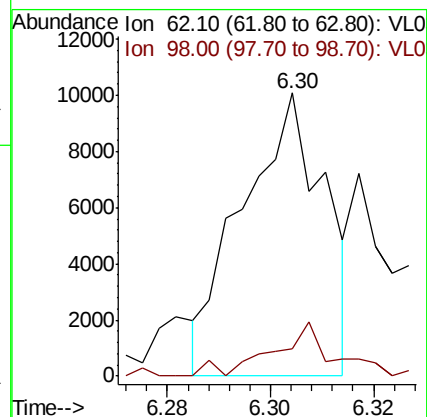
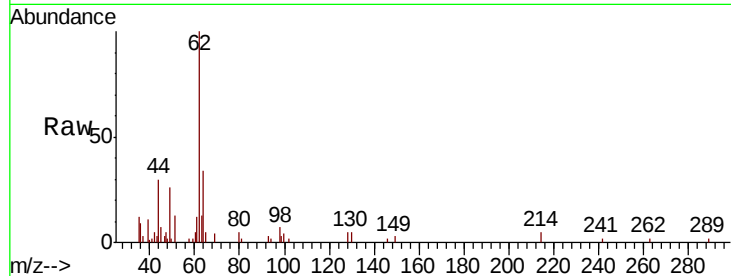
Acq: 27 Apr 2021 3:57

Tot Ion: 62 Resp: 11171

Ion Ratio Lower Upper

62 100

98 15.1 4.8 7.2#



#39

1,2-Dichloropropane

Concen: 7.077 ppbv

RT: 7.17 min Scan# 1363

Delta R.T. -0.44 min

Lab File: VL036846.D

Acq: 27 Apr 2021 3:57

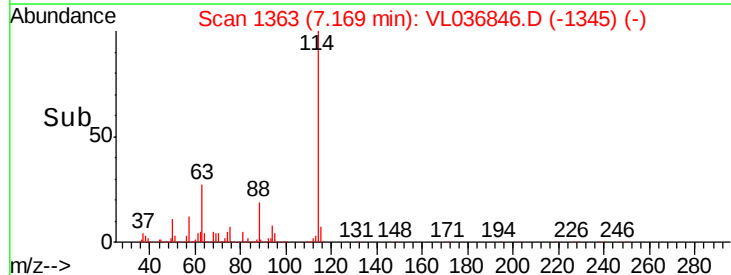
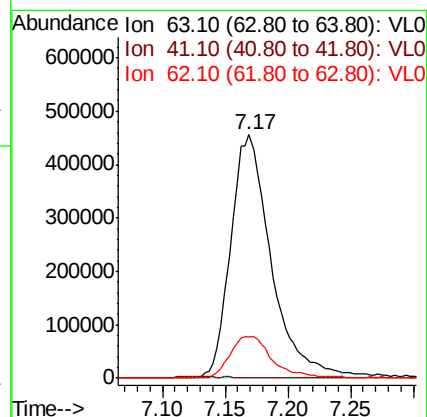
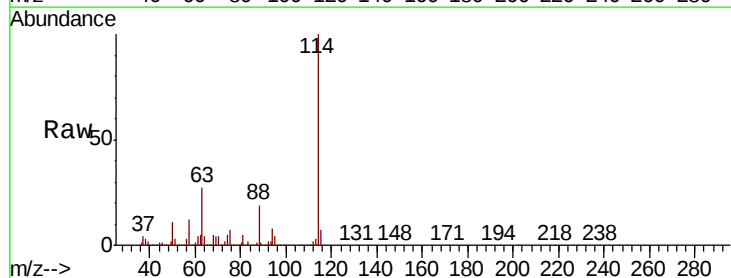
Tgt Ion: 63 Resp: 1015017

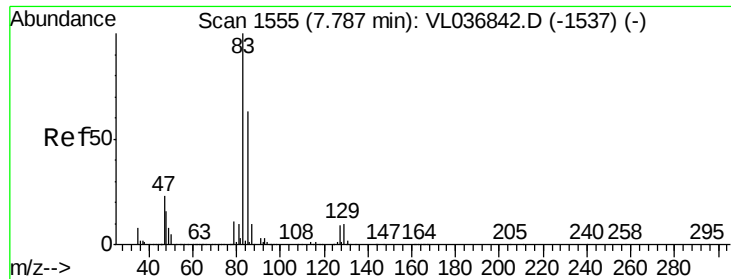
Ion Ratio Lower Upper

63 100

41 0.1 59.1 88.7#

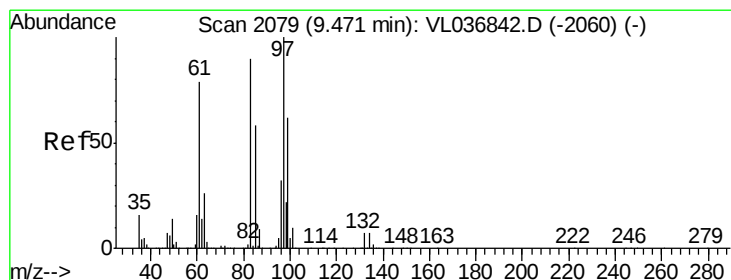
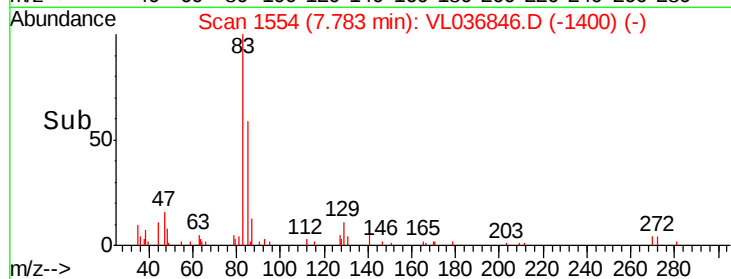
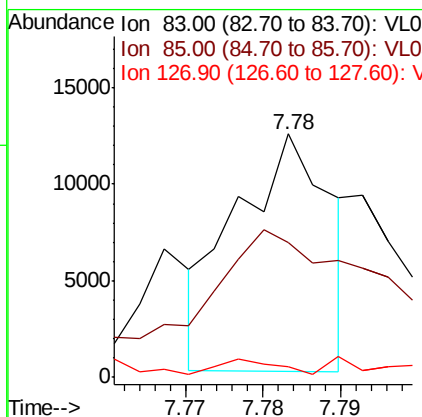
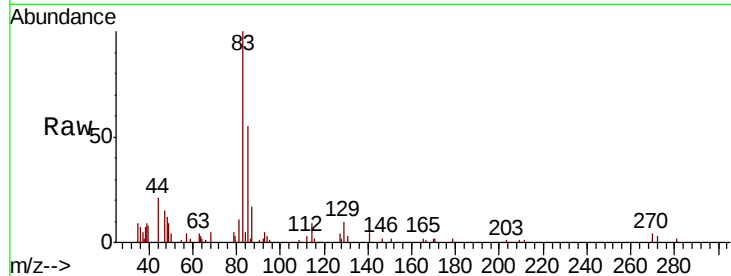
62 17.2 56.9 85.3#





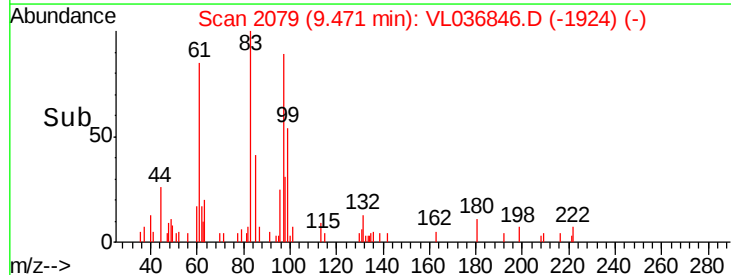
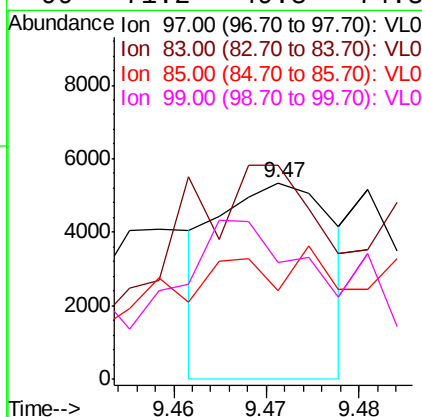
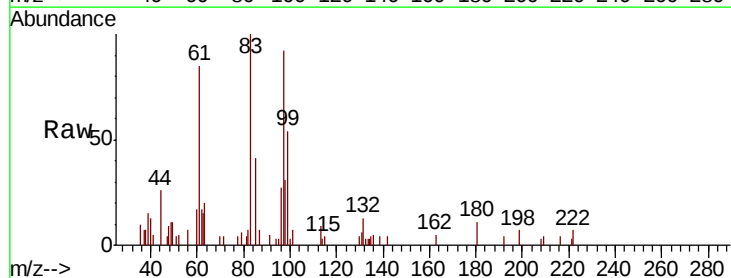
#42
 Bromodichloromethane
 Concen: 0.037 ppbv
 RT: 7.78 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 Acq: 27 Apr 2021 3:57

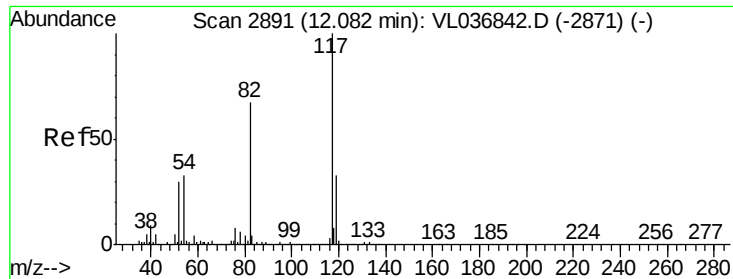
Tot Ion	83	Resp	10544
Ion Ratio	Lower	Upper	
83	100		
85	61.3	50.4	75.6
127	5.5	6.9	10.3#



#47
 1,1,2-Trichloroethane
 Concen: 0.032 ppbv
 RT: 9.47 min Scan# 2079
 Delta R.T.: -0.00 min
 Lab File: VL036846.D
 Acq: 27 Apr 2021 3:57

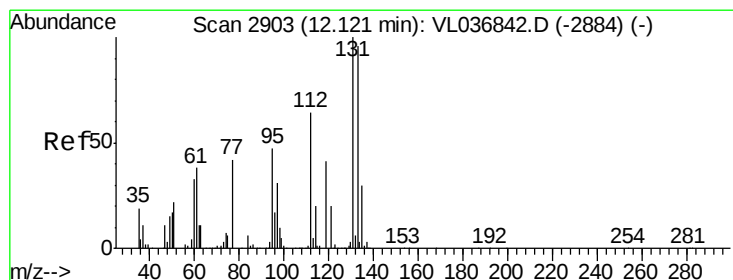
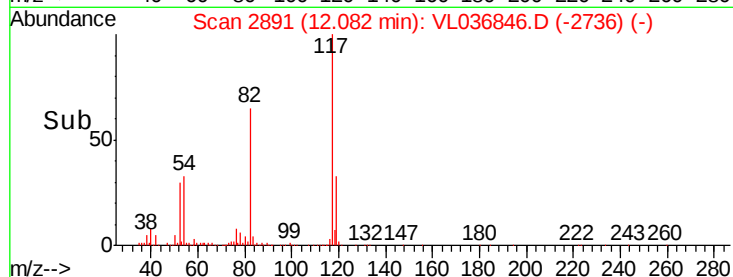
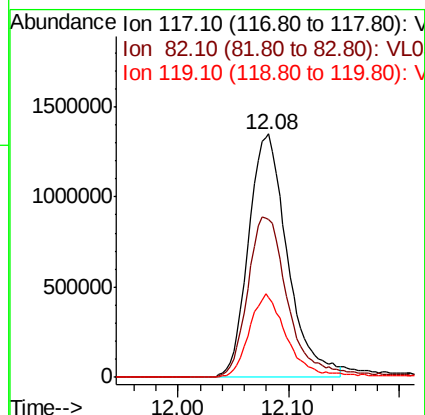
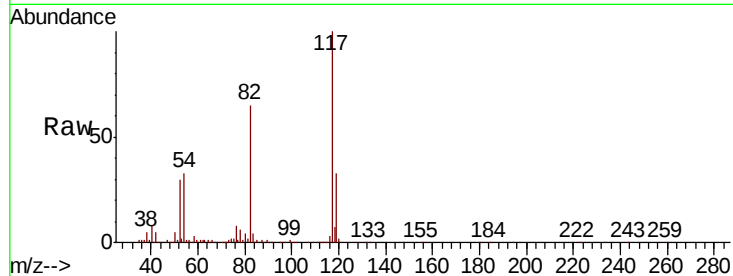
Tgt Ion	97	Resp	4614
Ion Ratio	Lower	Upper	
97	100		
83	184.8	71.9	107.9#
85	24.9	46.5	69.7#
99	71.2	49.8	74.8





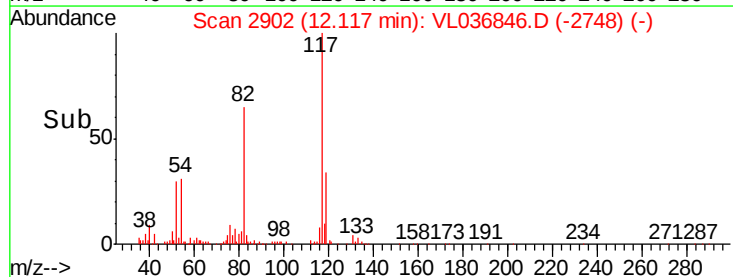
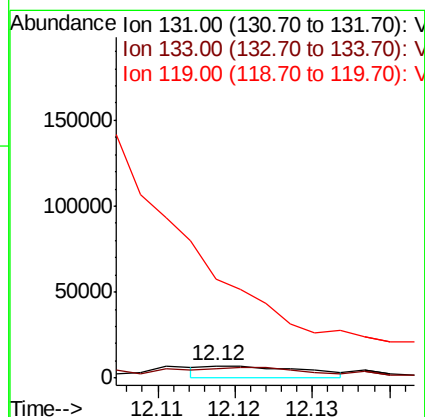
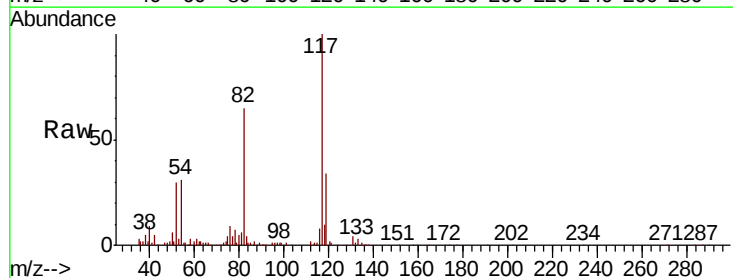
#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 12.08 min
 Instrument: MSVOA_L
 Delta R.T.:
 Lab File: ClientSampleId:
 Acq: 27 Apr 2021 3:57

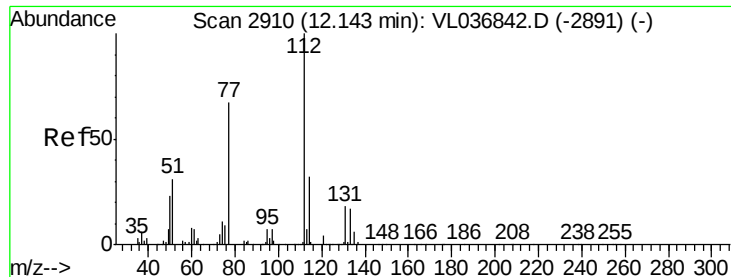
Tot Ion:117 Resp: 3301880
 Ion Ratio Lower Upper
 117 100
 82 70.4 53.4 80.2
 119 34.5 44.9 67.3#



#56
 1,1,1,2-Tetrachloroethane
 Concen: 0.044 ppbv
 RT: 12.12 min Scan# 2902
 Delta R.T.: -0.00 min
 Lab File: VL036846.D
 Acq: 27 Apr 2021 3:57

Tgt Ion:131 Resp: 6419
 Ion Ratio Lower Upper
 131 100
 133 218.0 76.2 114.4#
 119 0.0 114.6 171.8#





#57

Chlorobenzene

Concen: 0.042 ppbv

RT: 12.15

Delta R.T. MSVOA_L

Lab File:

Acq: 27 Apr 2021 3:57

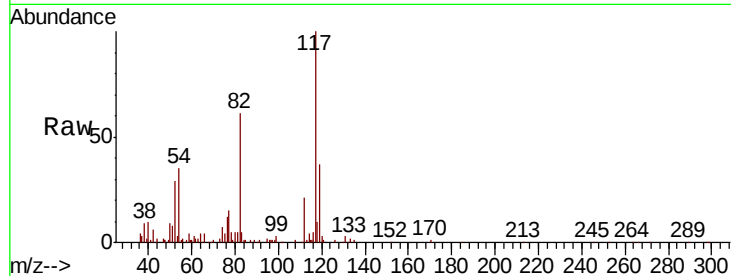
Tot Ion: 112 Resp: 11781

Ion Ratio Lower Upper

112 100

77 64.0 54.2 81.4

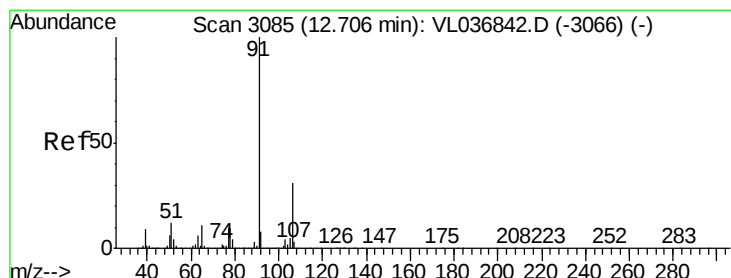
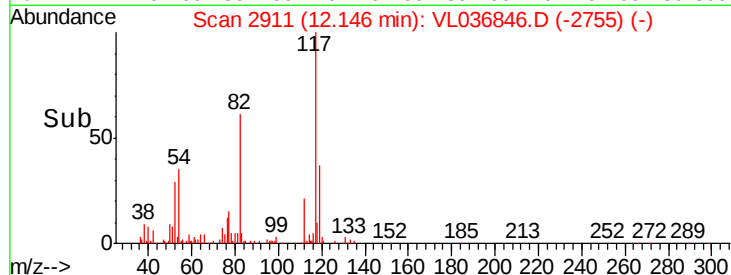
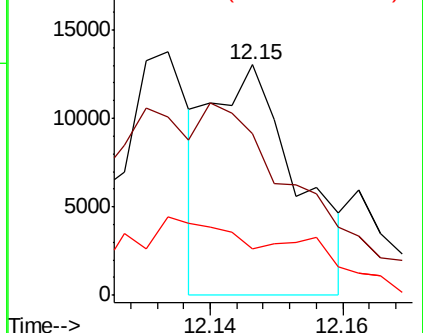
114 12.1 28.5 34.9#



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: 0.048 ppbv

RT: 12.71 min Scan# 3086

Delta R.T. 0.00 min

Lab File: VL036846.D

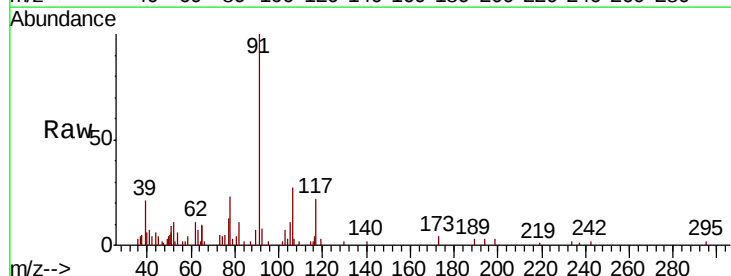
Acq: 27 Apr 2021 3:57

Tgt Ion: 91 Resp: 22832

Ion Ratio Lower Upper

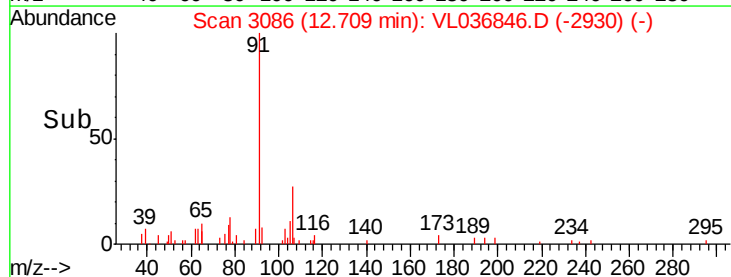
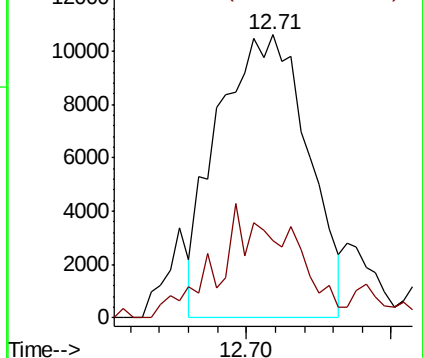
91 100

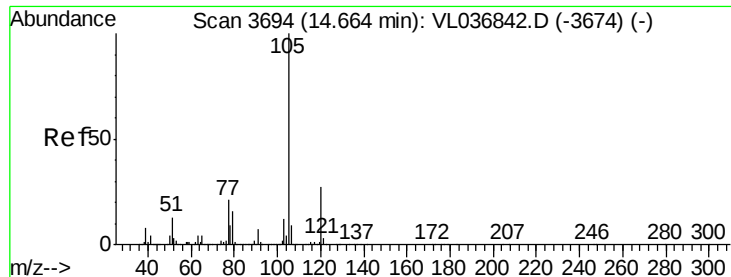
106 29.7 25.1 37.7



Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 106.10 (105.80 to 106.80): V





#62

Isopropylbenzene

Concen: 0.041 ppbv

RT: 14.66 min

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

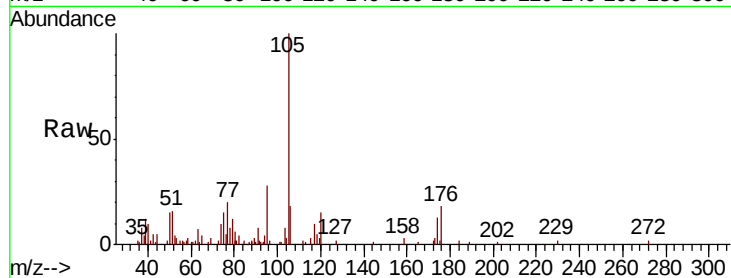
Acq: 27 Apr 2021 3:57

Tot Ion: 105 Resp: 21745

Ion Ratio Lower Upper

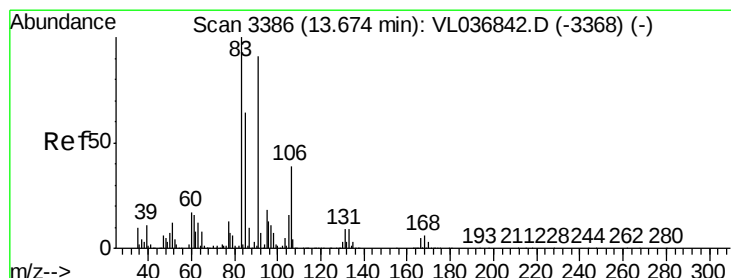
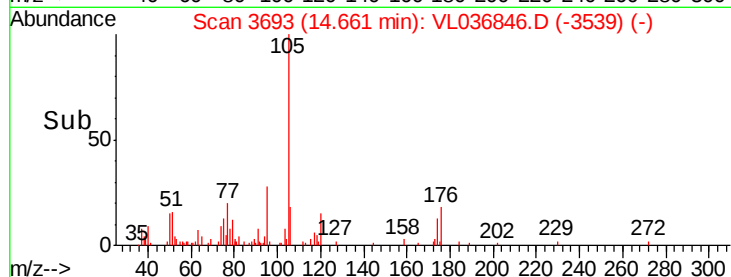
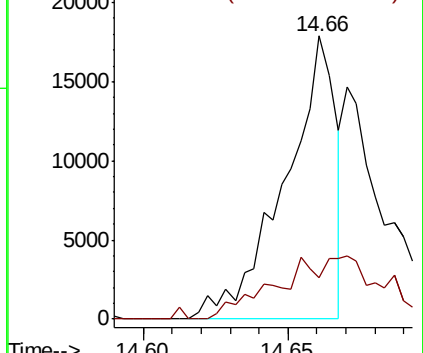
105 100

120 0.0 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: 0.032 ppbv

RT: 13.67 min Scan# 3384

Delta R.T. -0.01 min

Lab File: VL036846.D

Acq: 27 Apr 2021 3:57

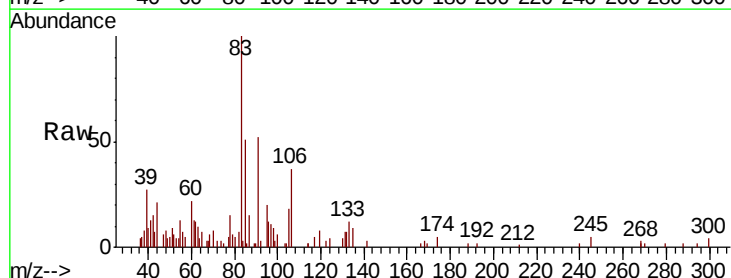
Tgt Ion: 83 Resp: 9936

Ion Ratio Lower Upper

83 100

131 13.9 4.8 14.3

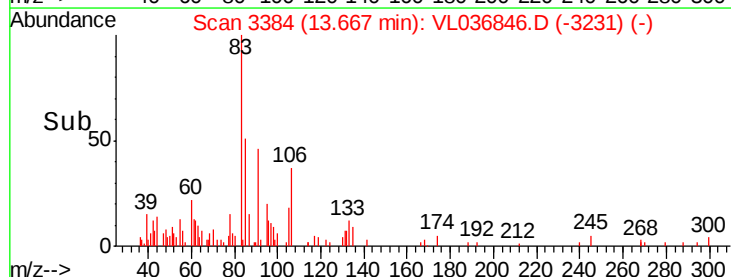
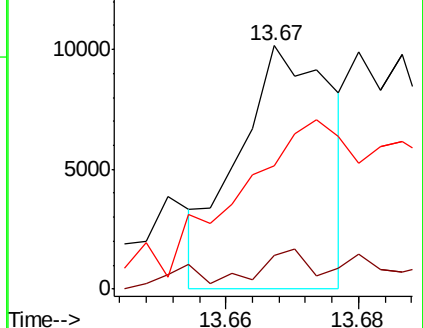
85 211.8 32.8 98.4#

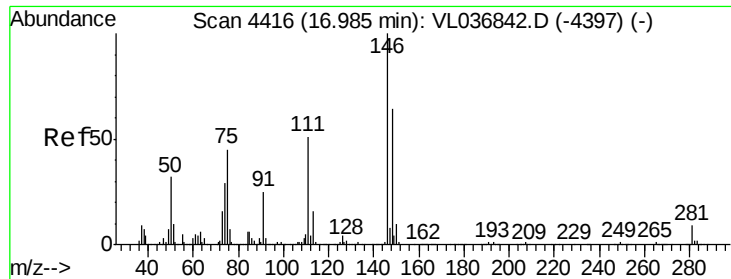


Abundance Ion 83.00 (82.70 to 83.70): VL0

Ion 131.00 (130.70 to 131.70): V

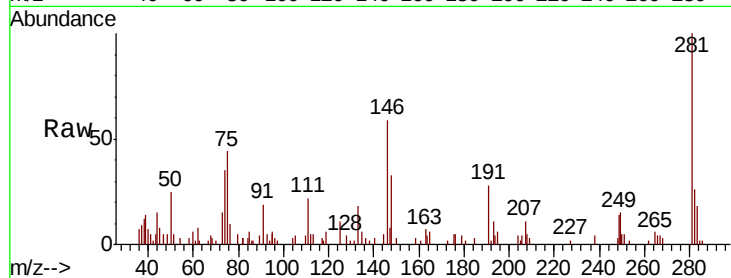
Ion 85.00 (84.70 to 85.70): VL0



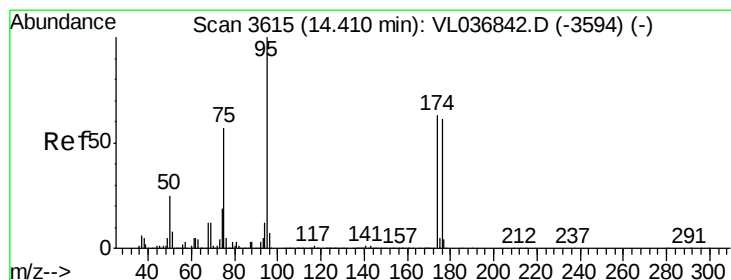
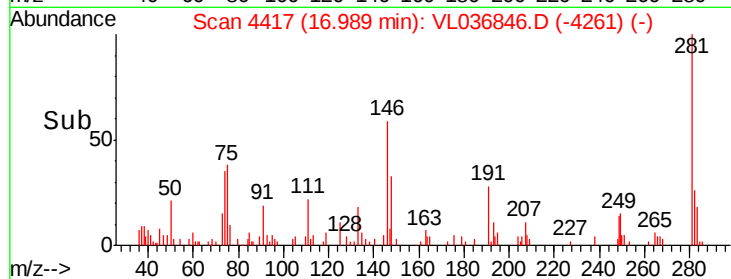
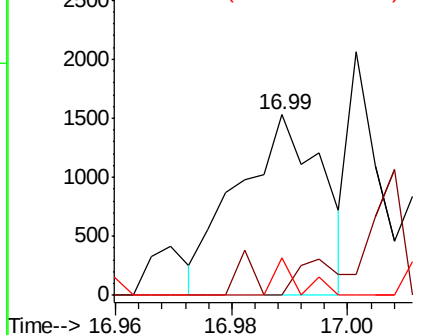


#66
Benzyl Chloride
Concen: 0.031 ppbv
RT: 16.99 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
Acq: 27 Apr 2021 3:57

Tot Ion	Ratio	Lower	Upper
91	100		
126	0.0	14.1	21.1#
128	5.8	4.8	7.2

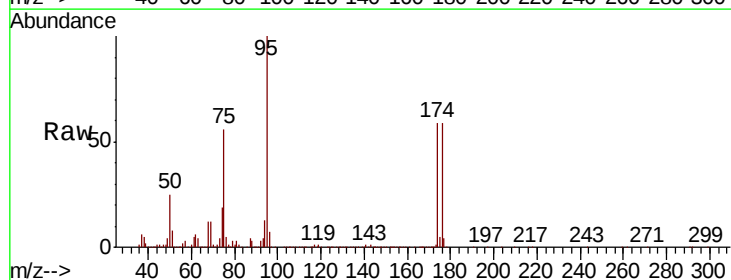


Abundance Ion 91.10 (90.80 to 91.80): VL0
Ion 126.10 (125.80 to 126.80): V
Ion 128.10 (127.80 to 128.80): V

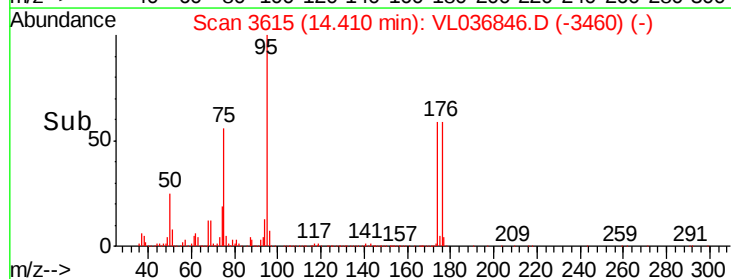
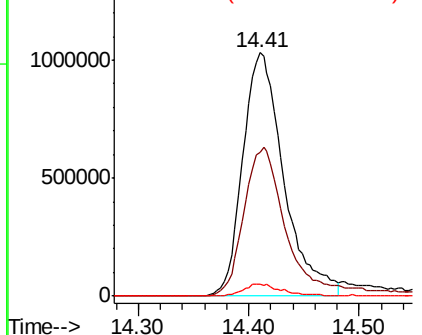


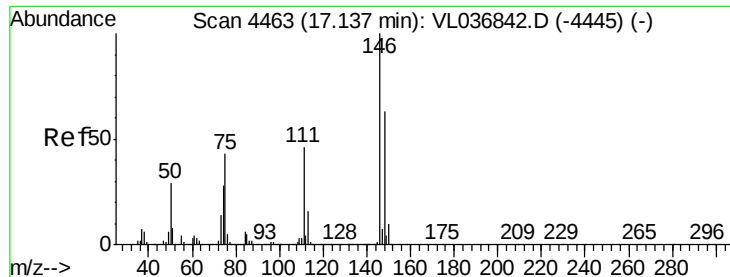
#68
1-Bromo-4-Fluorobenzene
Concen: 10.171 ppbv
RT: 14.41 min Scan# 3615
Delta R.T.: -0.00 min
Lab File: VL036846.D
Acq: 27 Apr 2021 3:57

Tgt Ion	Ratio	Lower	Upper
95	100		
174	67.2	52.4	78.6
175	4.9	3.9	5.9



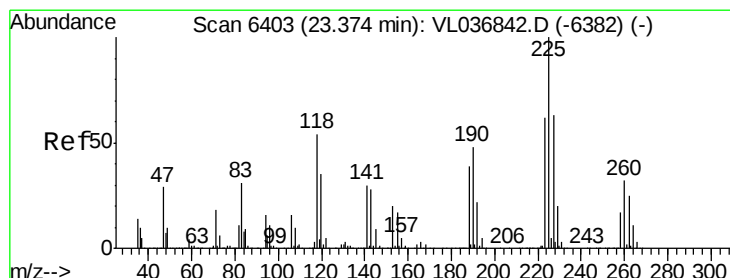
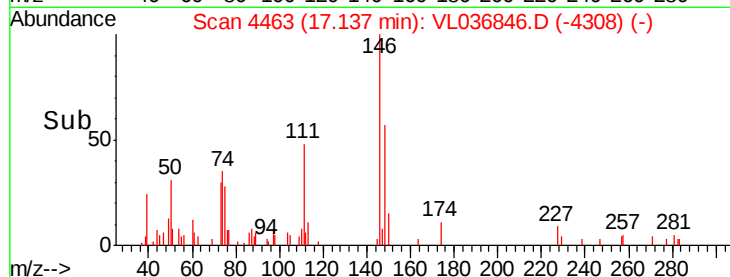
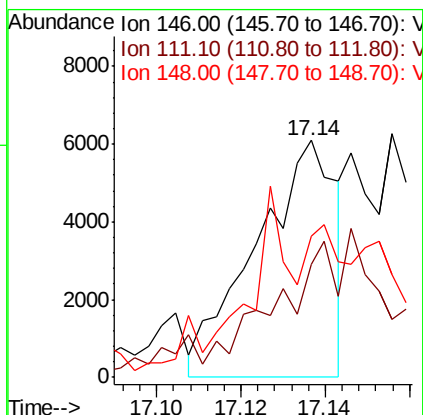
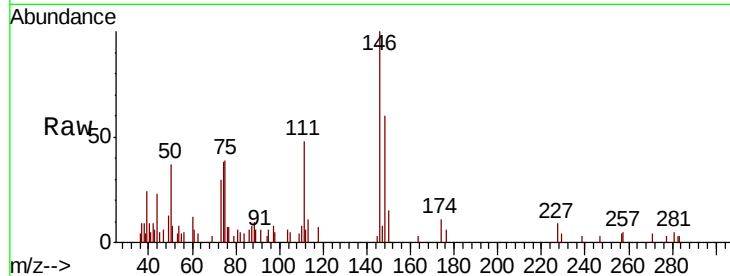
Abundance Ion 95.10 (94.80 to 95.80): VL0
Ion 174.00 (173.70 to 174.70): V
Ion 175.00 (174.70 to 175.70): V





#76
 1,4-Dichlorobenzene
 Concen: 0.033 ppbv
 RT: 17.14 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 Acq: 27 Apr 2021 3:57

Tot Ion:146 Resp: 8014
 Ion Ratio Lower Upper
 146 100
 111 0.0 24.0 72.0#
 148 173.9 32.8 98.3#



#78
 Hexachloro-1,3-Butadiene
 Concen: 0.079 ppbv
 RT: 23.38 min Scan# 6404
 Delta R.T. 0.00 min
 Lab File: VL036846.D
 Acq: 27 Apr 2021 3:57

Tgt Ion:225 Resp: 16535
 Ion Ratio Lower Upper
 225 100
 223 96.0 51.0 76.6#
 227 104.5 51.9 77.9#

