

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL042721\
 Data File : VL036845.D
 Acq On : 27 Apr 2021 3:20
 Operator : SY/AP
 Sample : VSTDIC0.5
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Apr 27 07:23:37 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	1612046	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	3923728	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.08	117	3535123	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.41	95	2813136	10.03	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.30%

Target Compounds					Ovalue
2) Dichlorodifluoromethane	3.05	85	156056	0.595	ppbv 96
3) Chlorodifluoromethane	2.99	51	148911	0.495	ppbv 98
4) Chloromethane	3.13	50	50073	0.477	ppbv # 81
5) Vinyl Chloride	3.25	62	45209	0.420	ppbv 92
6) Bromomethane	3.47	94	24522	0.416	ppbv 98
7) Chloroethane	3.55	64	7344	0.199	ppbv # 75
8) Dichlorotetrafluoroethane	3.19	85	125286	0.506	ppbv 99
9) Propene	3.01	41	40581	0.426	ppbv # 81
10) Heptane	8.12	43	55095	0.227	ppbv # 38
11) Trichlorofluoromethane	3.94	101	118393	0.452	ppbv 91
12) 1,1,2-Trichlorotrifluoroet	4.47	101	31394	0.187	ppbv # 11
14) Bromoethene	3.74	108	29150	0.420	ppbv # 89
15) Acetone	3.87	43	72713	0.468	ppbv # 67
16) 1,3-Butadiene	3.33	39	37908	0.351	ppbv # 80
18) 1,1-Dichloroethene	4.28	96	23102	0.312	ppbv 96
20) Methylene Chloride	4.34	84	36822	0.510	ppbv 95
21) Allyl Chloride	4.40	41	21265	0.173	ppbv # 17
22) trans-1,2-Dichloroethene	4.88	96	31287	0.449	ppbv 96
23) Vinyl Acetate	5.08	43	85089	0.325	ppbv # 93
24) 1,1-Dichloroethane	5.01	63	74929	0.402	ppbv 97
25) Ethyl Acetate	5.69	43	177711	0.473	ppbv 98
26) Hexane	5.68	57	85288	0.493	ppbv 94
27) Carbon Disulfide	4.55	76	52188	0.308	ppbv # 63
28) Methyl tert-Butyl Ether	5.04	73	28002	0.143	ppbv # 52
29) Chloroform	5.74	83	72477	0.259	ppbv 95
30) Cyclohexane	7.12	84	28456	0.202	ppbv # 1
31) cis-1,2-Dichloroethene	5.55	61	64880	0.389	ppbv 94
32) 1,1,1-Trichloroethane	6.51	97	132480	0.471	ppbv 97
35) Carbon Tetrachloride	7.01	117	131775	0.439	ppbv 97
36) Benzene	6.89	78	84866	0.237	ppbv 98
37) 1,2-Dichloroethane	6.30	62	88092	0.420	ppbv # 95
38) Trichloroethene	7.83	130	27908	0.199	ppbv 92
39) 1,2-Dichloropropane	7.61	63	68781	0.476	ppbv 93
42) Bromodichloromethane	7.78	83	121078	0.424	ppbv # 95
43) Methyl Methacrylate	8.01	69	13379	0.112	ppbv # 1
44) 2,2,4-Trimethylpentane	7.86	57	267277	0.423	ppbv 94
45) t-1,3-Dichloropropene	9.28	75	17871	0.131	ppbv 94
46) cis-1,3-Dichloropropene	8.70	75	33129	0.191	ppbv 97
47) 1,1,2-Trichloroethane	9.47	97	66285	0.449	ppbv 99
48) Dibromochloromethane	10.30	129	37403	0.167	ppbv # 9
49) Bromoform	13.03	173	65502	0.363	ppbv 97

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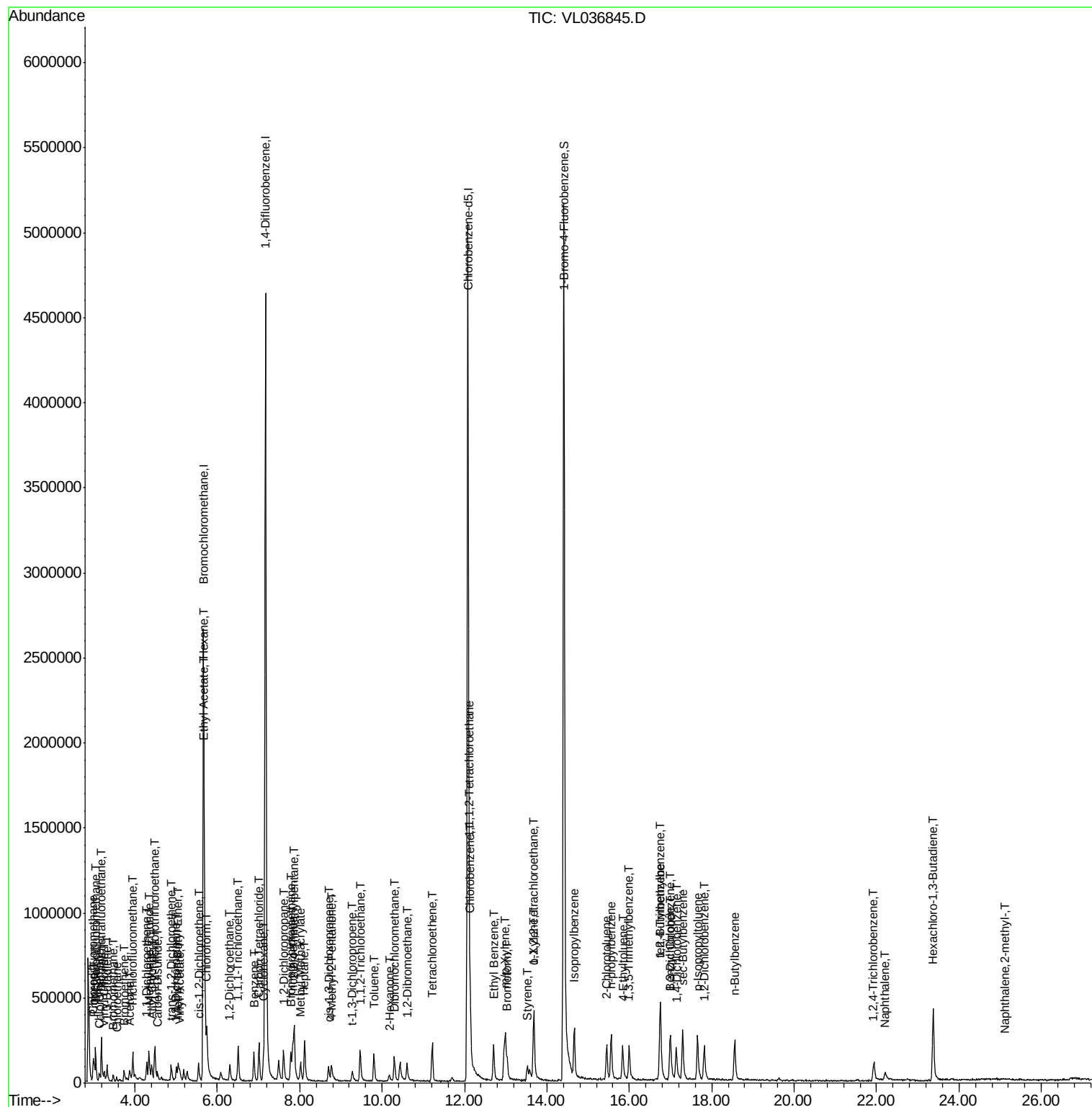
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
50) 4-Methyl-2-Pentanone	8.77	43	52093	0.192	ppbv #	62
51) 2-Hexanone	10.17	43	16194	0.119	ppbv #	31
52) Tetrachloroethene	11.22	164	29491	0.223	ppbv	82
53) Toluene	9.80	91	142181	0.374	ppbv	98
54) 1,2-Dibromoethane	10.60	107	77984	0.376	ppbv	83
56) 1,1,1,2-Tetrachloroethane	12.12	131	74086	0.472	ppbv #	1
57) Chlorobenzene	12.14	112	139544	0.470	ppbv	97
58) Ethyl Benzene	12.71	91	184205	0.365	ppbv	94
59) m/p-Xylene	12.99	91	133432	0.303	ppbv #	1
60) o-Xylene	13.68	91	105398	0.247	ppbv #	50
61) Styrene	13.53	104	27706	0.130	ppbv #	9
62) Isopropylbenzene	14.66	105	252352	0.440	ppbv	96
63) 1,1,2,2-Tetrachloroethane	13.68	83	149687	0.456	ppbv	95
64) n-propylbenzene	15.56	120	47244	0.336	ppbv #	26
65) tert-Butylbenzene	16.74	119	202523	0.404	ppbv	85
66) Benzyl Chloride	16.98	91	3222	0.060	ppbv #	66
67) sec-Butylbenzene	17.29	105	281196	0.398	ppbv	96
69) p-Isopropyltoluene	17.66	119	206941	0.374	ppbv	95
70) n-Butylbenzene	18.56	91	200597	0.350	ppbv	97
71) 2-Chlorotoluene	15.45	91	167057	0.388	ppbv	96
72) 4-Ethyltoluene	15.84	105	152422	0.324	ppbv #	88
73) 1,3,5-Trimethylbenzene	15.99	105	84917	0.194	ppbv	87
74) 1,2,4-Trimethylbenzene	16.76	105	180224	0.383	ppbv	93
75) 1,3-Dichlorobenzene	16.99	146	71239	0.268	ppbv #	43
76) 1,4-Dichlorobenzene	17.14	146	87235	0.331	ppbv	69
77) 1,2-Dichlorobenzene	17.82	146	104188	0.416	ppbv	88
78) Hexachloro-1,3-Butadiene	23.37	225	111117	0.496	ppbv	95
79) Naphthalene	22.21	128	26148	0.097	ppbv #	92
80) Naphthalene, 2-methyl-	25.12	142	3202	0.070	ppbv	89
81) 1,2,4-Trichlorobenzene	21.91	180	7884	0.047	ppbv #	10

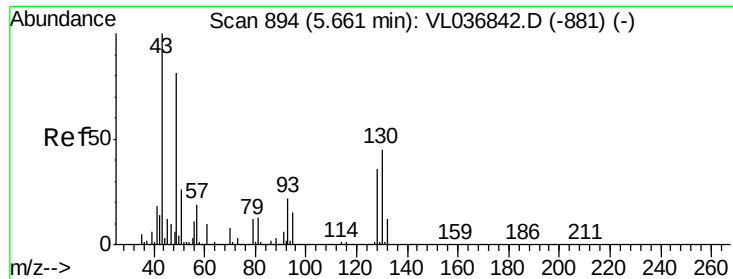
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.66 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 27 Apr 2021 3:20

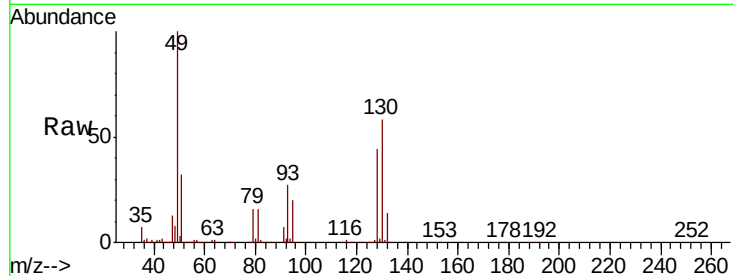
Tot Ion: 49 Resp: 1612046

Ion Ratio Lower Upper

49 100

128 47.4 24.4 73.2

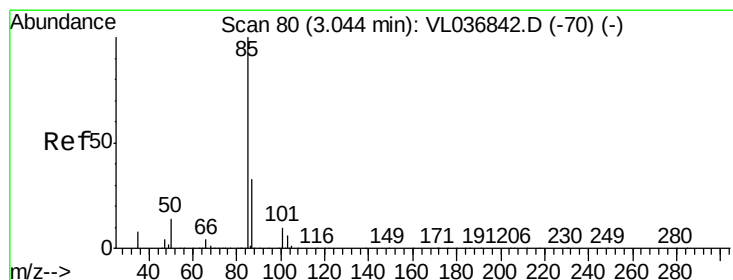
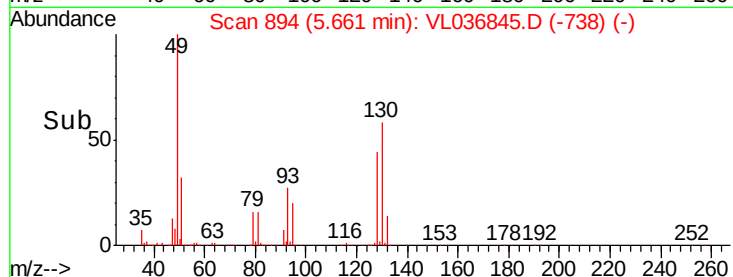
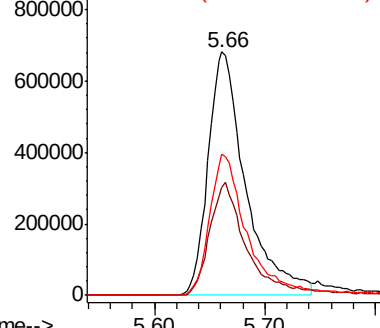
130 60.2 30.1 90.5



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: 0.595 ppbv

RT: 3.05 min Scan# 81

Delta R.T. 0.00 min

Lab File: VL036845.D

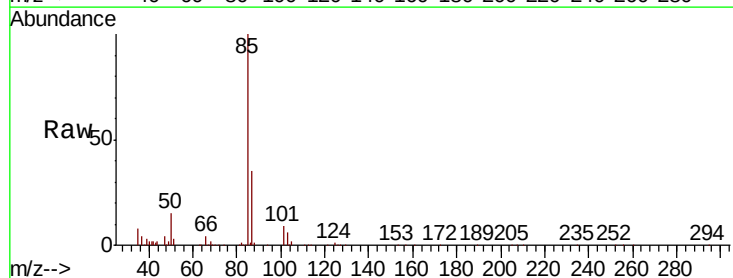
Acq: 27 Apr 2021 3:20

Tgt Ion: 85 Resp: 156056

Ion Ratio Lower Upper

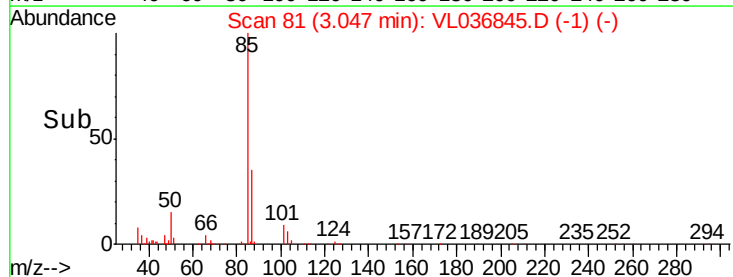
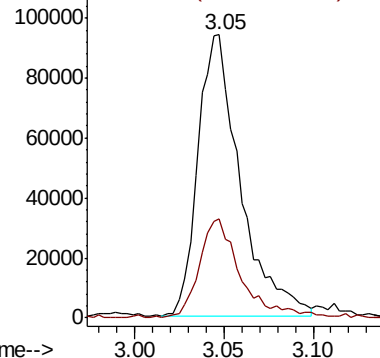
85 100

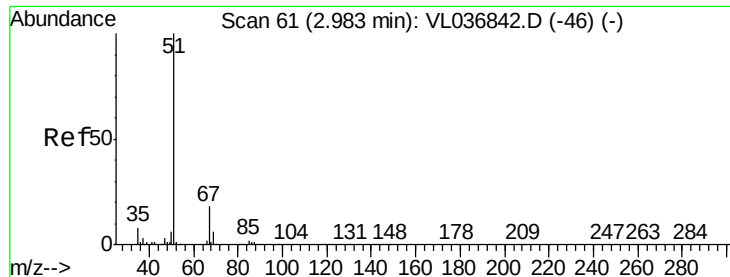
87 34.7 26.2 39.2



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0





#3

Chlorodifluoromethane

Concen: 0.495 ppbv

RT: 2.99 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

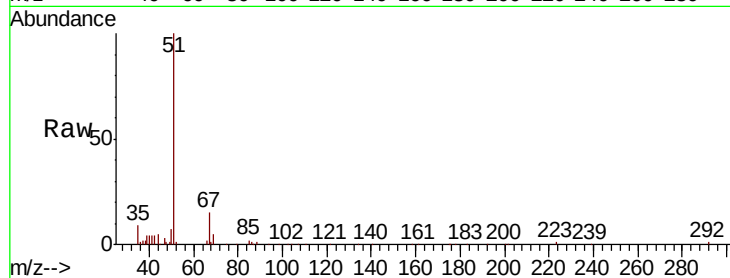
Acq: 27 Apr 2021 3:20

Tot Ion: 51 Resp: 148911

Ion Ratio Lower Upper

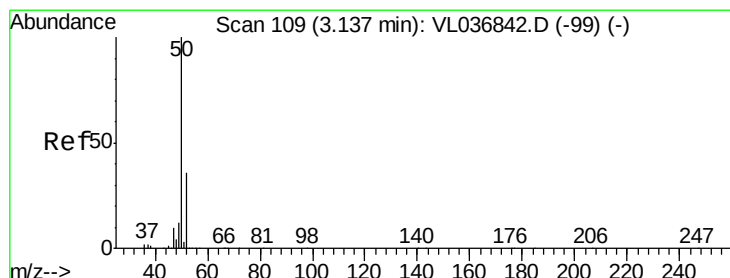
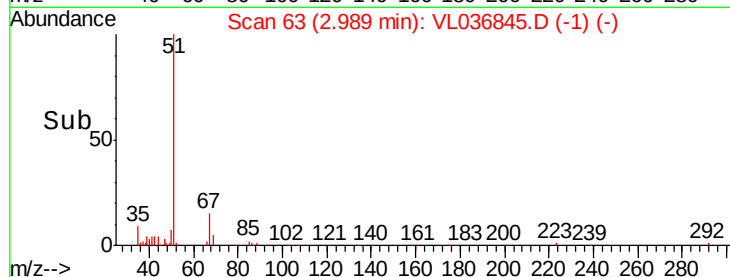
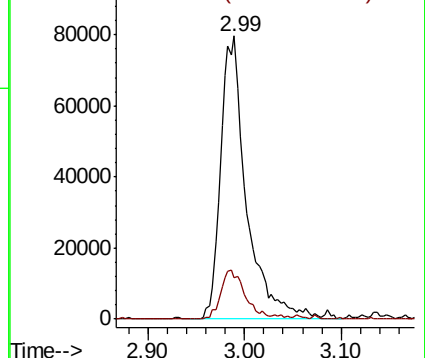
51 100

67 17.6 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: 0.477 ppbv

RT: 3.13 min Scan# 108

Delta R.T. -0.00 min

Lab File: VL036845.D

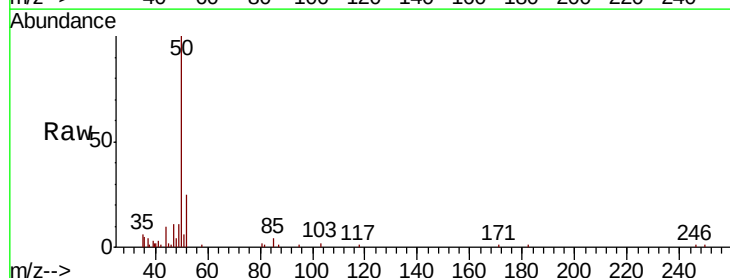
Acq: 27 Apr 2021 3:20

Tgt Ion: 50 Resp: 50073

Ion Ratio Lower Upper

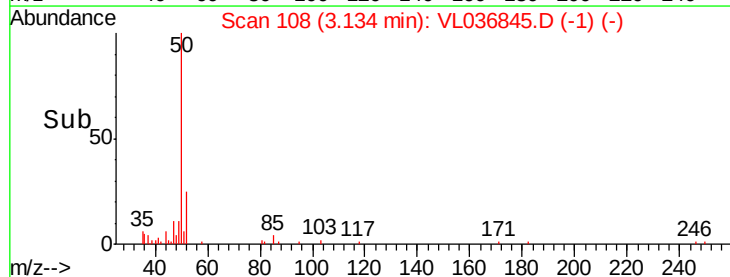
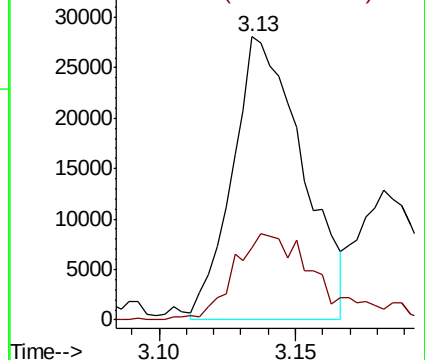
50 100

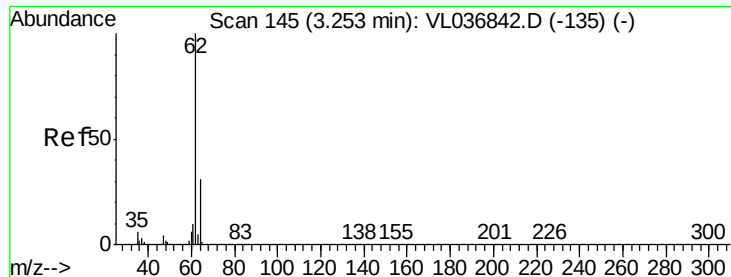
52 24.4 28.5 42.7#



Abundance Ion 50.10 (49.80 to 50.80): VL0

Ion 52.10 (51.80 to 52.80): VL0





#5

Vinyl Chloride

Concen: 0.420 ppbv

RT: 3.25 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

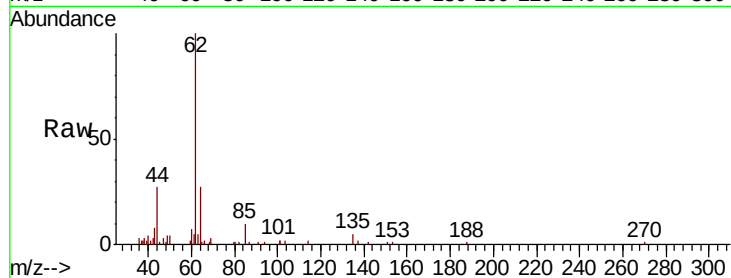
Acq: 27 Apr 2021 3:20

Tot Ion: 62 Resp: 45209

Ion Ratio Lower Upper

62 100

64 26.9 25.0 37.4



Abundance Ion 62.10 (61.80 to 62.80): VL0

Ion 64.10 (63.80 to 64.80): VL0

30000

25000

20000

15000

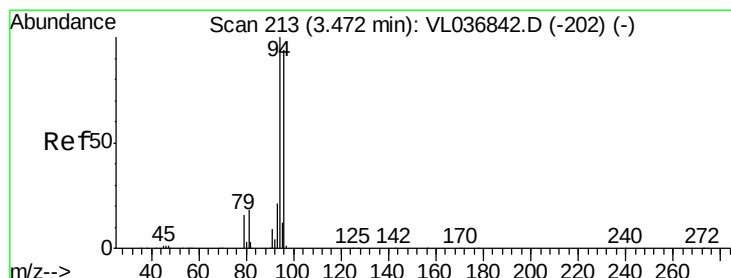
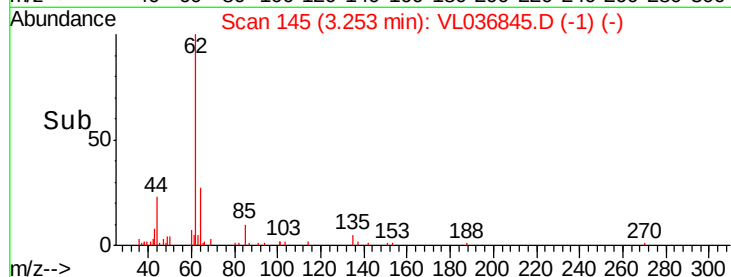
10000

5000

0

Time-->

3.20 3.25 3.30



#6

Bromomethane

Concen: 0.416 ppbv

RT: 3.47 min Scan# 214

Delta R.T. 0.00 min

Lab File: VL036845.D

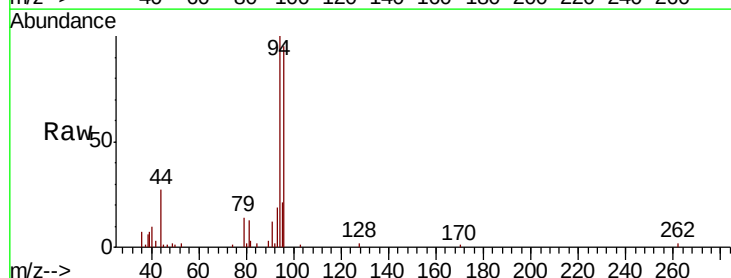
Acq: 27 Apr 2021 3:20

Tgt Ion: 94 Resp: 24522

Ion Ratio Lower Upper

94 100

96 92.0 75.4 113.0



Abundance Ion 94.00 (93.70 to 94.70): VL0

Ion 96.00 (95.70 to 96.70): VL0

15000

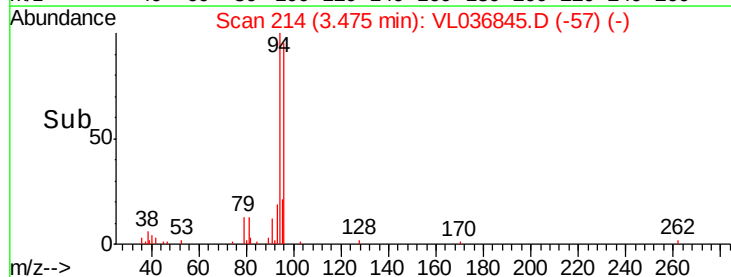
10000

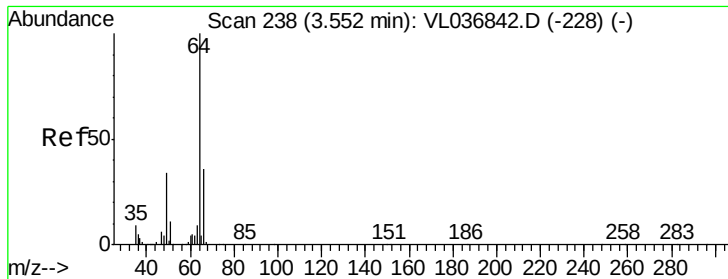
5000

0

Time-->

3.45 3.50





#7

Chloroethane

Concen: 0.199 ppbv

RT: 3.55 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

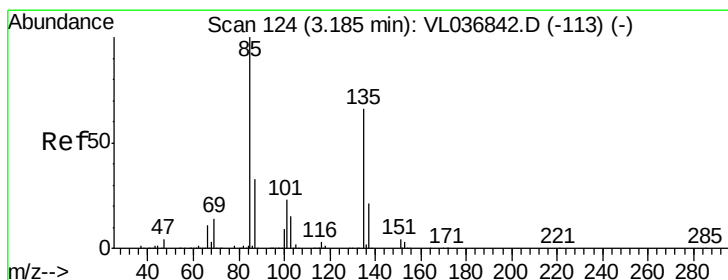
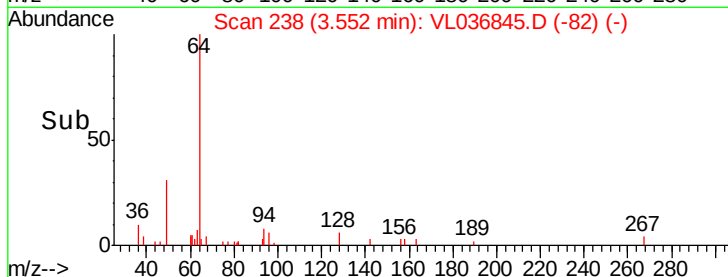
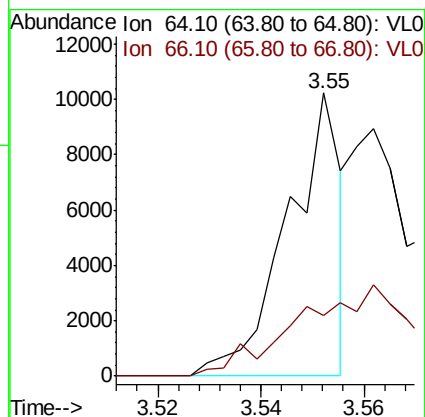
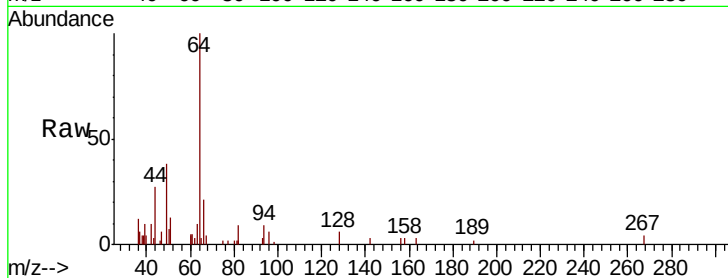
Acq: 27 Apr 2021 3:20

Tot Ion: 64 Resp: 7344

Ion Ratio Lower Upper

64 100

66 21.5 29.0 43.6#



#8

Dichlorotetrafluoroethane

Concen: 0.506 ppbv

RT: 3.19 min Scan# 124

Delta R.T. 0.00 min

Lab File: VL036845.D

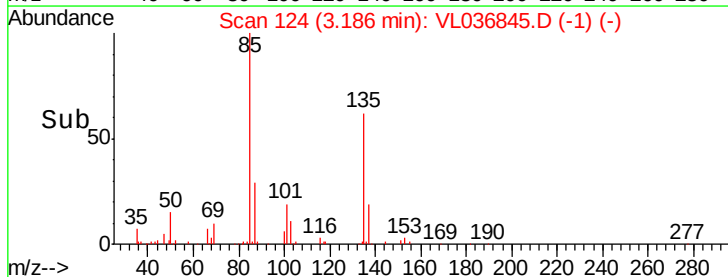
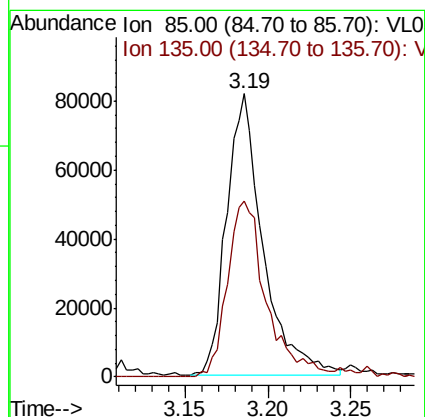
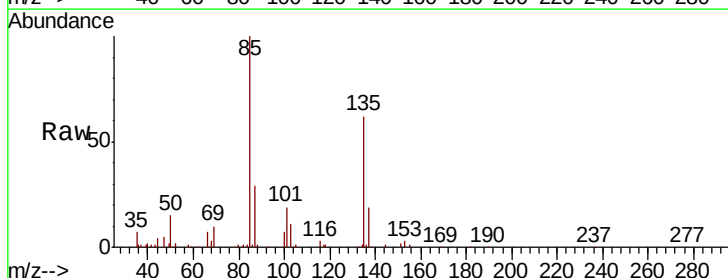
Acq: 27 Apr 2021 3:20

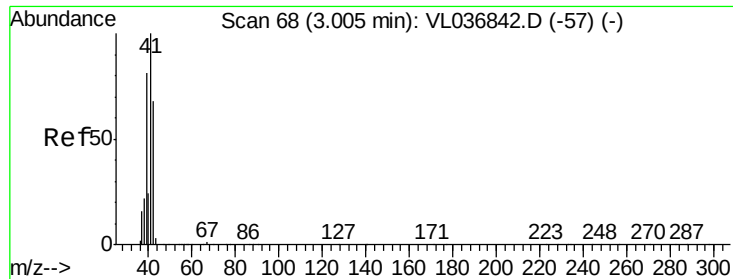
Tgt Ion: 85 Resp: 125286

Ion Ratio Lower Upper

85 100

135 69.2 56.2 84.4





#9

Propene

Concen: 0.426 ppbv

RT: 3.01 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

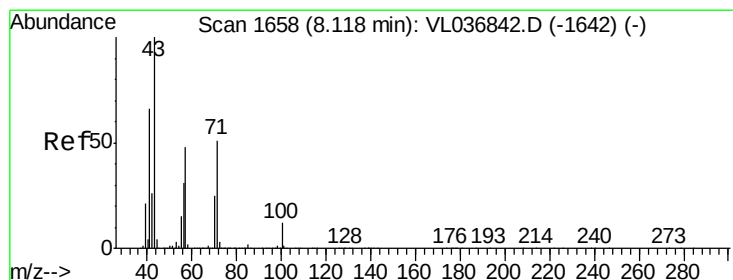
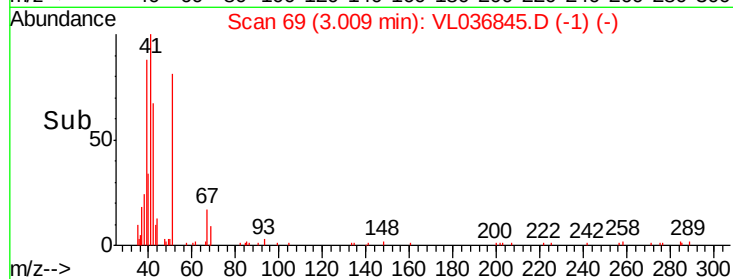
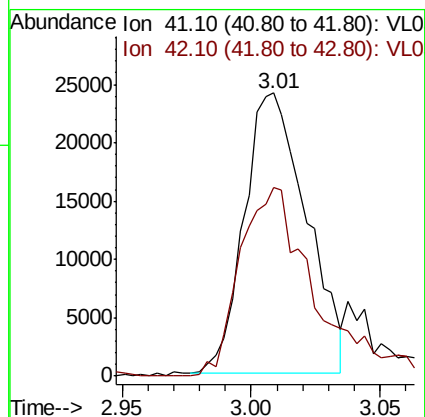
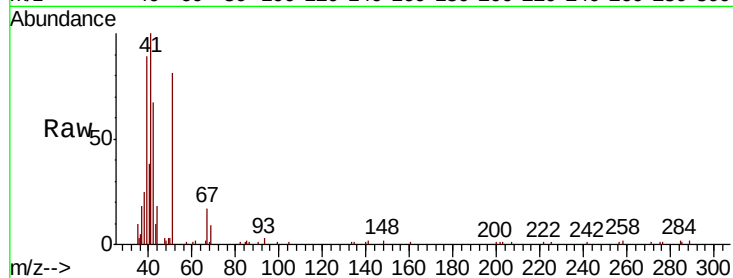
Acq: 27 Apr 2021 3:20

Tot Ion: 41 Resp: 40581

Ion Ratio Lower Upper

41 100

42 85.5 56.0 84.0#



#10

Heptane

Concen: 0.227 ppbv

RT: 8.12 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VL036845.D

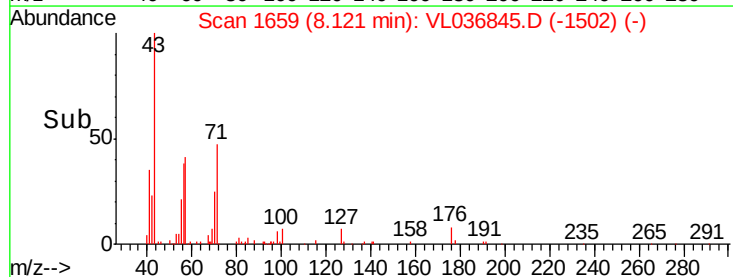
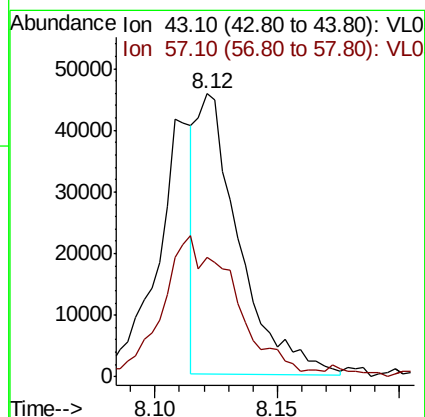
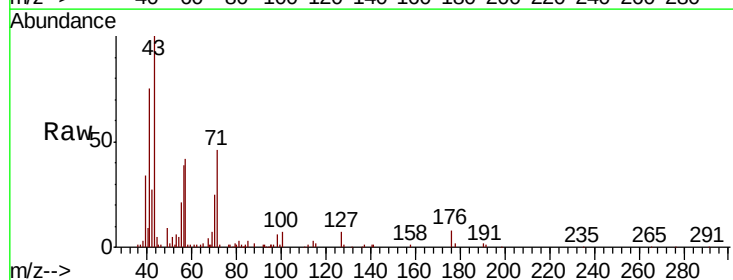
Acq: 27 Apr 2021 3:20

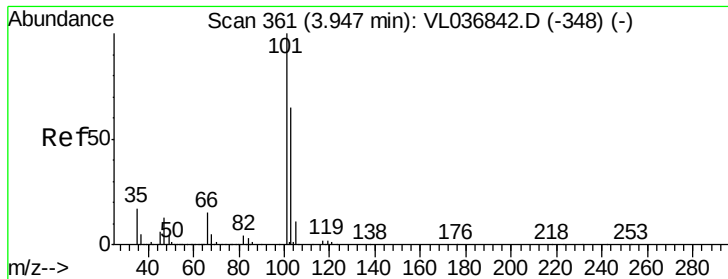
Tgt Ion: 43 Resp: 55095

Ion Ratio Lower Upper

43 100

57 91.2 39.0 58.6#





#11

Trichlorofluoromethane

Concen: 0.452 ppbv

RT: 3.94 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

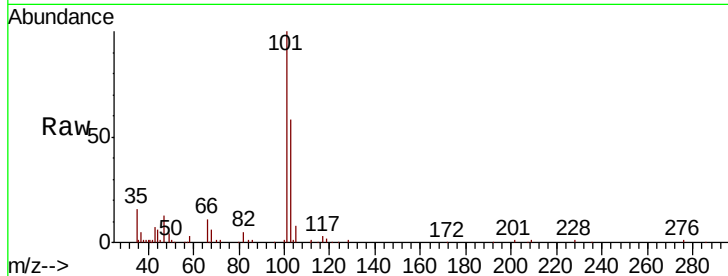
Acq: 27 Apr 2021 3:20

Tot Ion:101 Resp: 118393

Ion Ratio Lower Upper

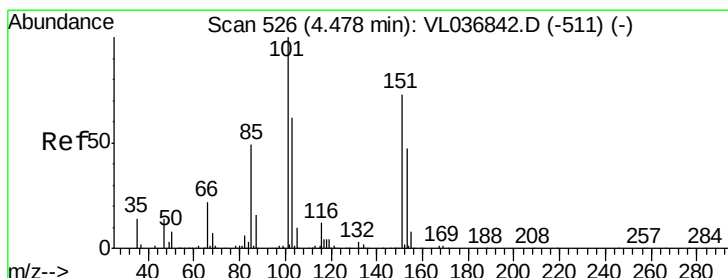
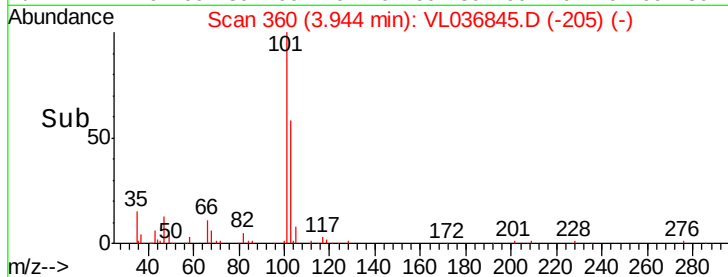
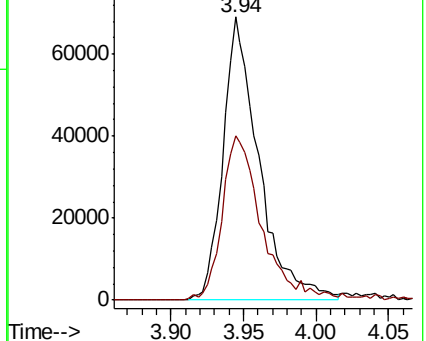
101 100

103 57.6 51.6 77.4



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V



#12

1,1,2-Trichlorotrifluoroethane

Concen: 0.187 ppbv

RT: 4.47 min Scan# 525

Delta R.T. -0.00 min

Lab File: VL036845.D

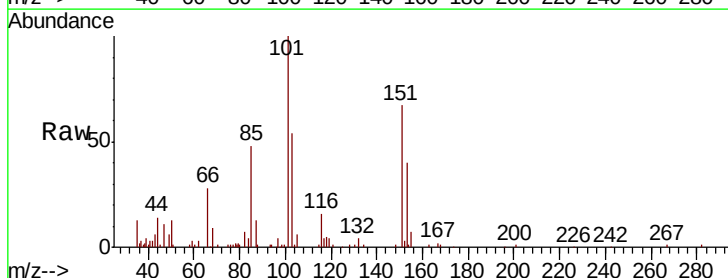
Acq: 27 Apr 2021 3:20

Tgt Ion:101 Resp: 31394

Ion Ratio Lower Upper

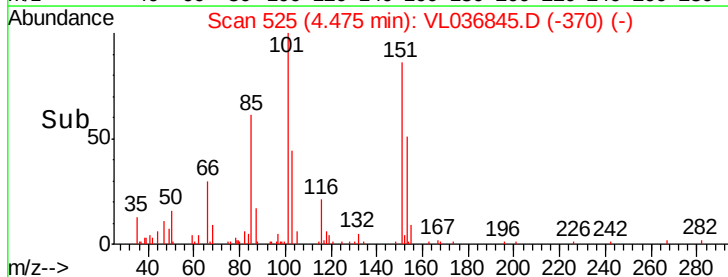
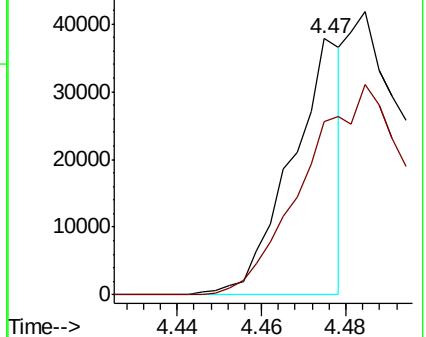
101 100

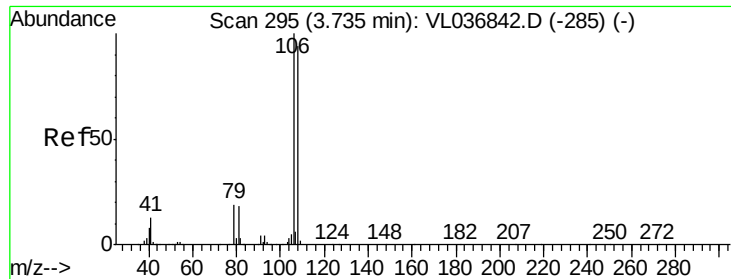
151 0.0 61.1 91.7#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 151.00 (150.70 to 151.70): V





#14

Bromoethene

Concen: 0.420 ppbv

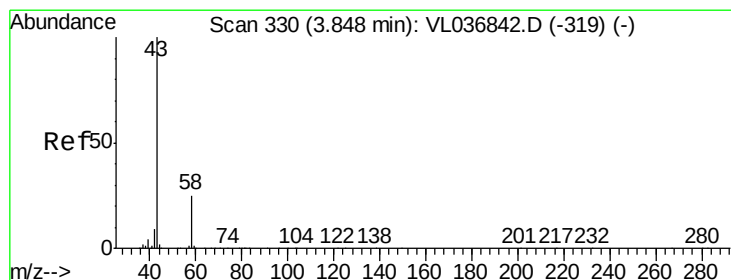
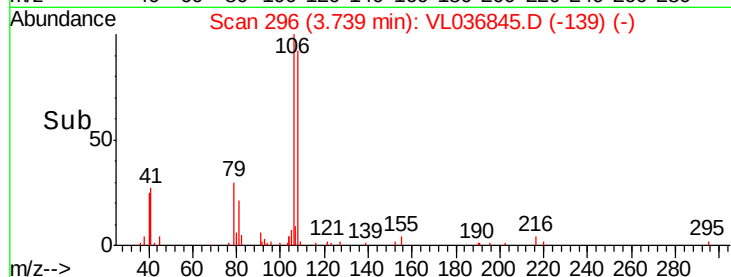
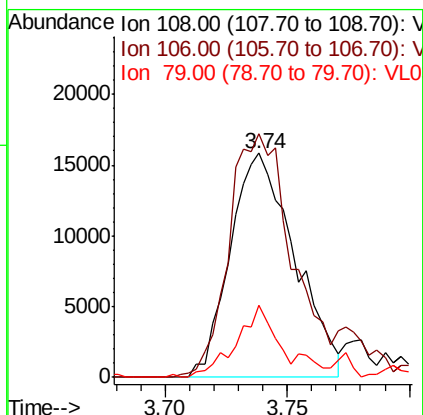
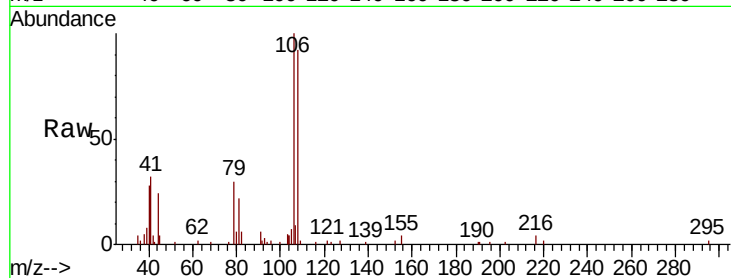
RT: 3.74 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 27 Apr 2021 3:20

Tot Ion:	108	Resp:	29150
Ion	Ratio	Lower	Upper
108	100		
106	122.3	88.5	132.7
79	27.9	17.9	26.9#



#15

Acetone

Concen: 0.468 ppbv

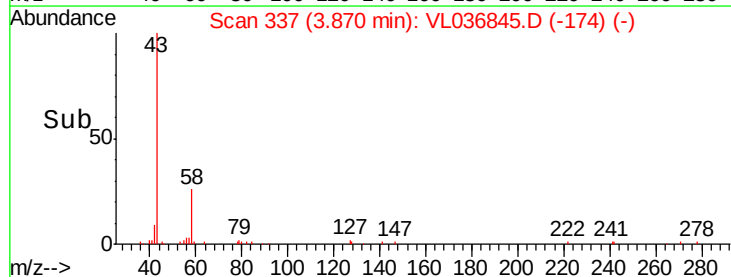
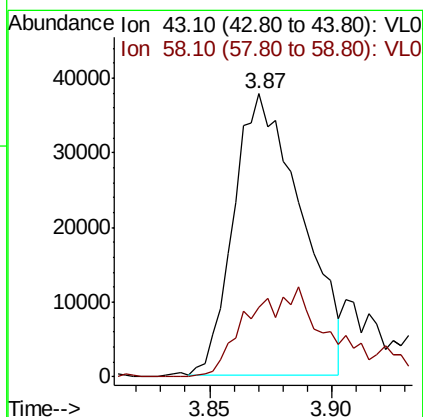
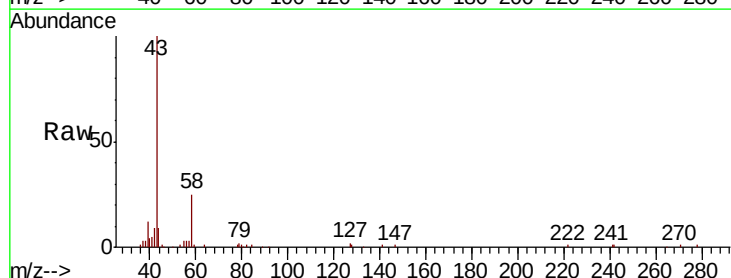
RT: 3.87 min Scan# 337

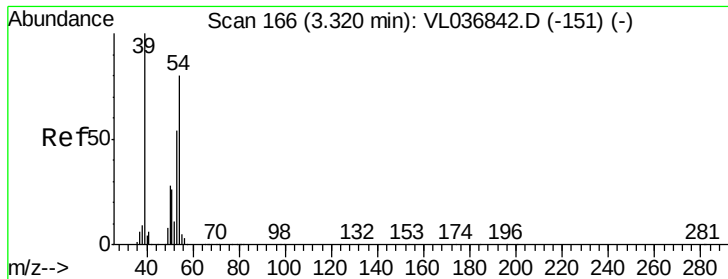
Delta R.T. 0.02 min

Lab File: VL036845.D

Acq: 27 Apr 2021 3:20

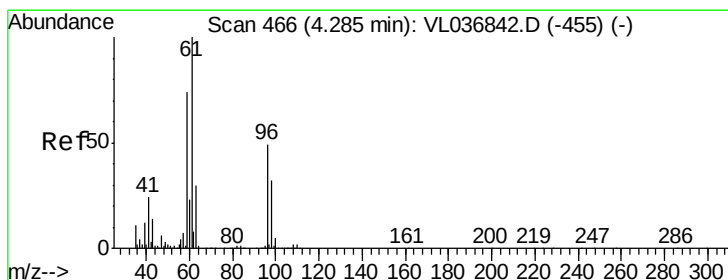
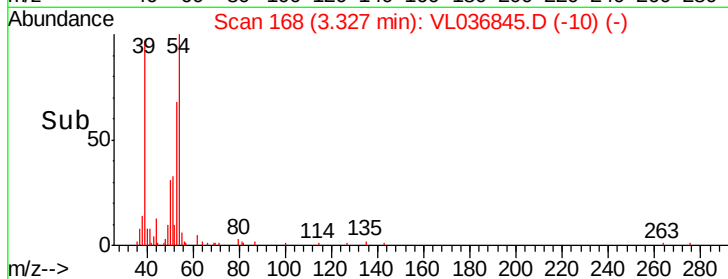
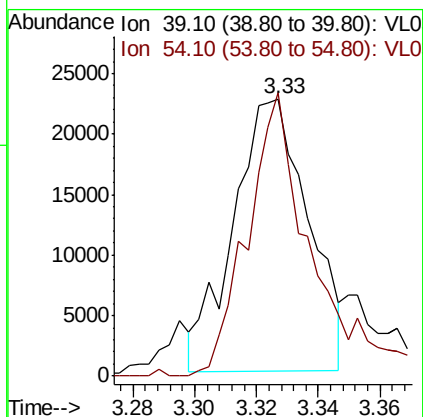
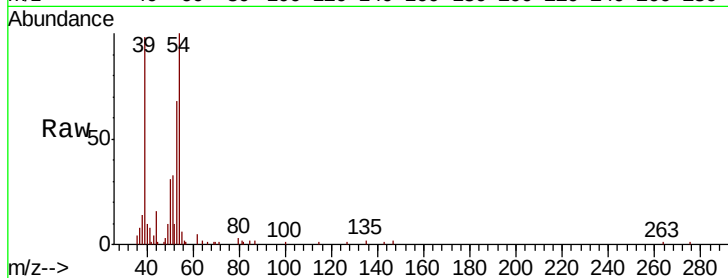
Tgt Ion:	43	Resp:	72713
Ion	Ratio	Lower	Upper
43	100		
58	44.1	21.7	32.5#





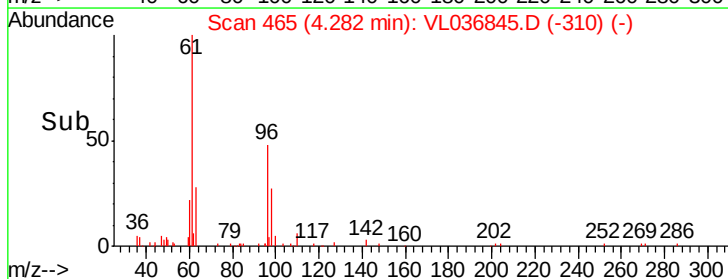
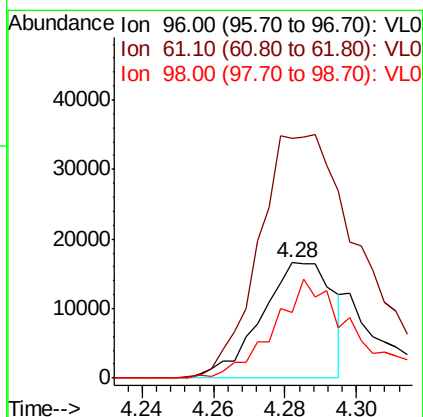
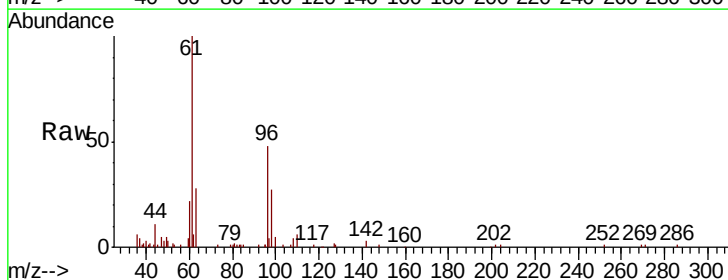
#16
 1,3-Butadiene
 Concen: 0.351 ppbv
 RT: 3.33
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 27 Apr 2021 3:20

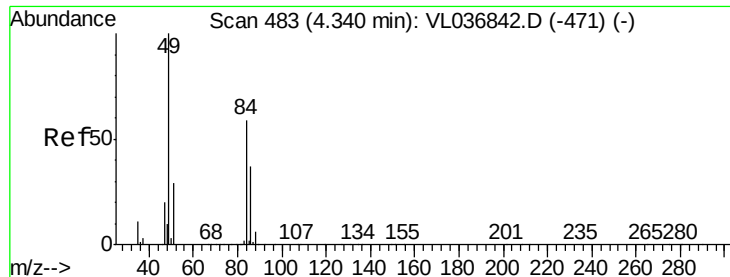
Tot Ion: 39 Resp: 37908
 Ion Ratio Lower Upper
 39 100
 54 91.7 59.6 89.4#



#18
 1,1-Dichloroethene
 Concen: 0.312 ppbv
 RT: 4.28 min Scan# 465
 Delta R.T. -0.00 min
 Lab File: VL036845.D
 Acq: 27 Apr 2021 3:20

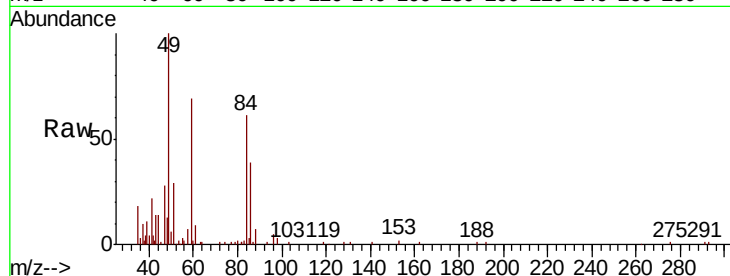
Tgt Ion: 96 Resp: 23102
 Ion Ratio Lower Upper
 96 100
 61 206.5 162.2 243.2
 98 56.5 51.8 77.6



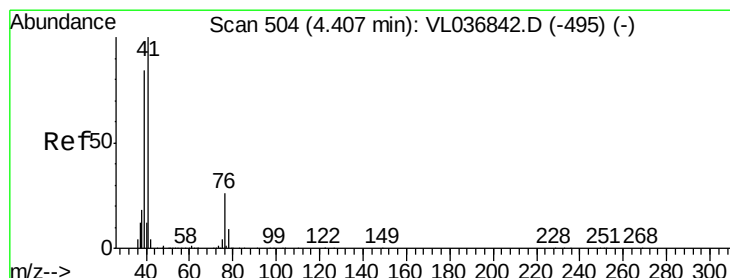
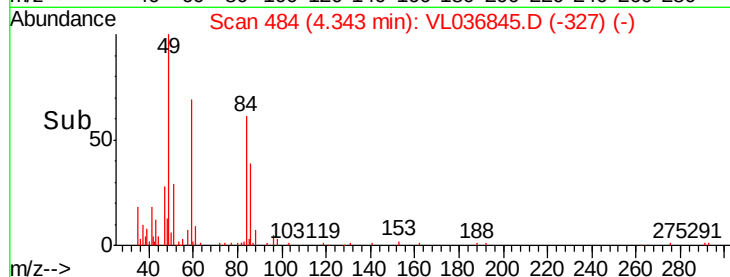
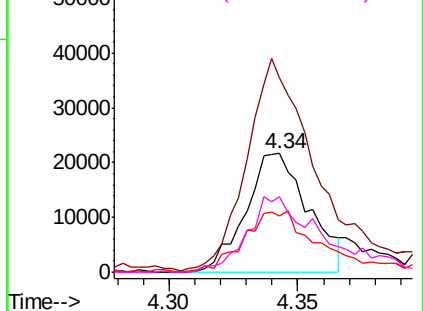


#20
Methylene Chloride
Concen: 0.510 ppbv
RT: 4.34 Instrument: MSVOA_1
Delta R.T. ClientSampleId:
Lab File:
Acq: 27 Apr 2021 3:20

Tot Ion:	84	Resp:	36822
Ion	Ratio	Lower	Upper
84	100		
49	160.3	135.4	203.0
51	46.4	39.3	58.9
86	63.6	50.2	75.2

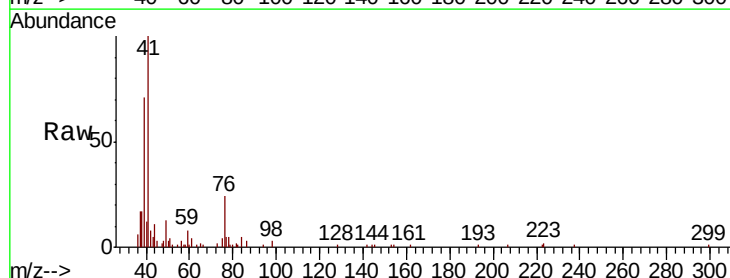


Abundance Ion 84.00 (83.70 to 84.70): VL0
Ion 49.10 (48.80 to 49.80): VL0
Ion 51.10 (50.80 to 51.80): VL0
Ion 86.00 (85.70 to 86.70): VL0

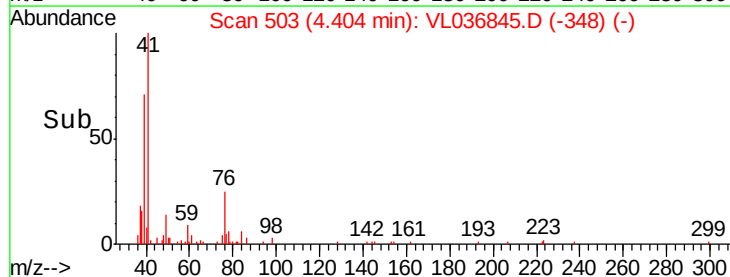
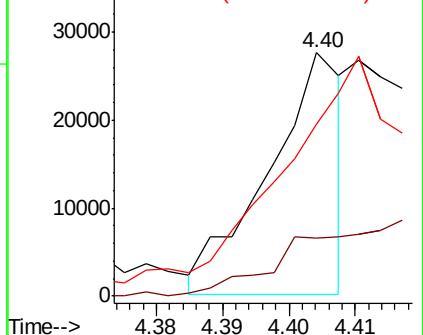


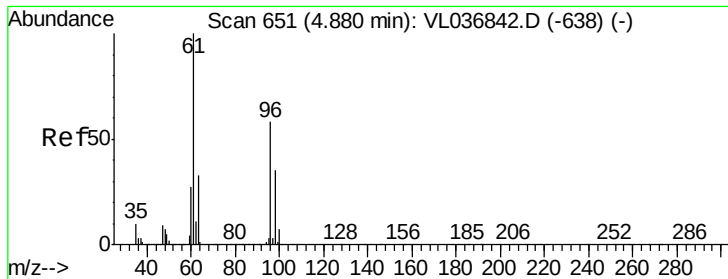
#21
Allyl Chloride
Concen: 0.173 ppbv
RT: 4.40 min Scan# 503
Delta R.T. -0.00 min
Lab File: VL036845.D
Acq: 27 Apr 2021 3:20

Tgt Ion:	41	Resp:	21265
Ion	Ratio	Lower	Upper
41	100		
76	0.0	22.4	33.6#
39	0.0	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: 0.449 ppbv

RT: 4.88 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 27 Apr 2021 3:20

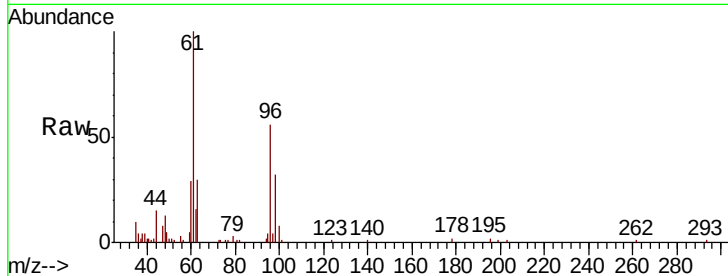
Tot Ion: 96 Resp: 31287

Ion Ratio Lower Upper

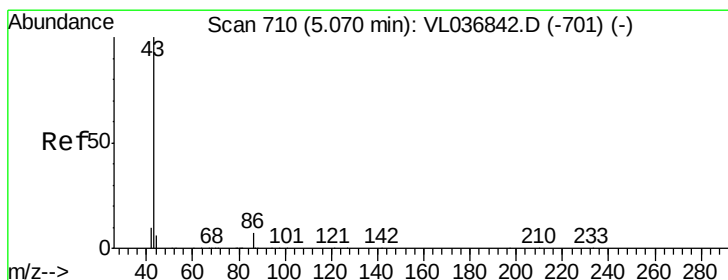
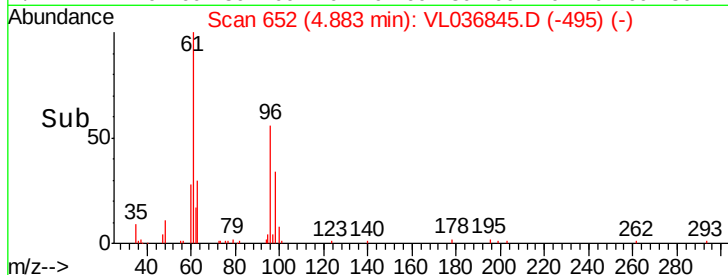
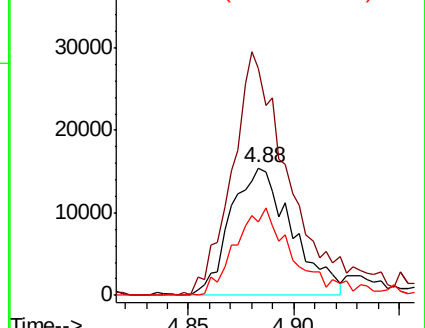
96 100

61 178.3 138.6 207.8

98 55.9 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: 0.325 ppbv

RT: 5.08 min Scan# 714

Delta R.T. 0.01 min

Lab File: VL036845.D

Acq: 27 Apr 2021 3:20

Tgt Ion: 43 Resp: 85089

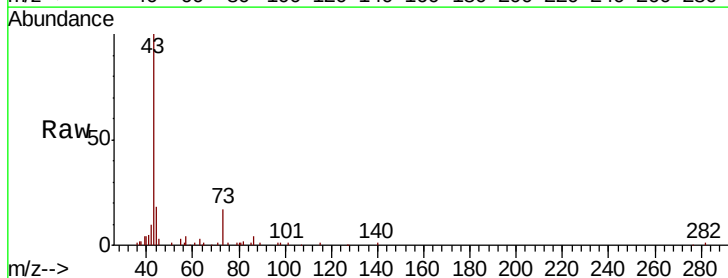
Ion Ratio Lower Upper

43 100

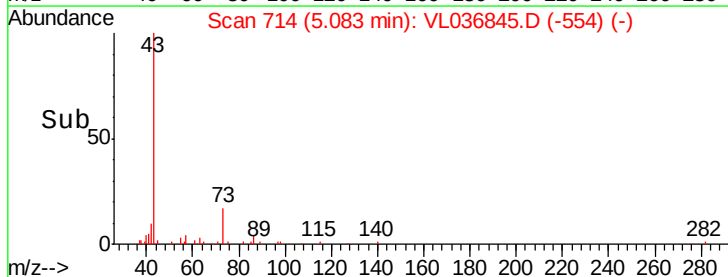
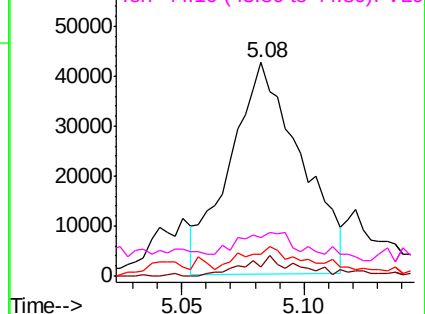
86 5.6 5.3 7.9

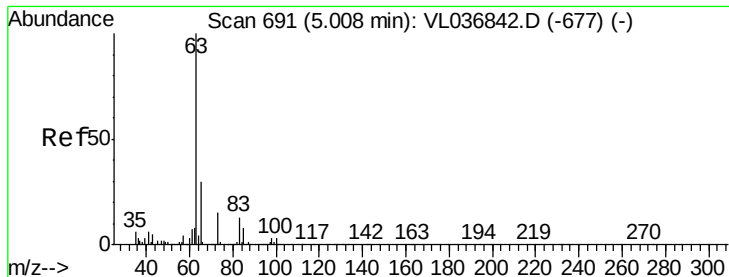
42 9.4 8.7 13.1

44 10.6 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: 0.402 ppbv

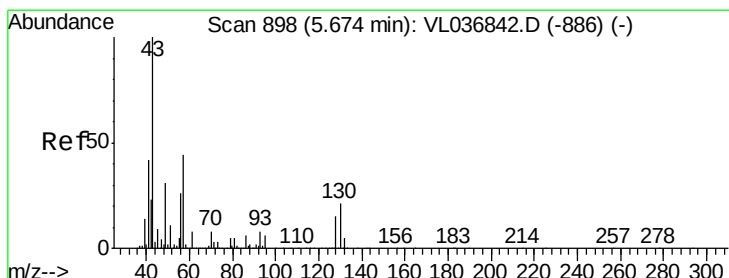
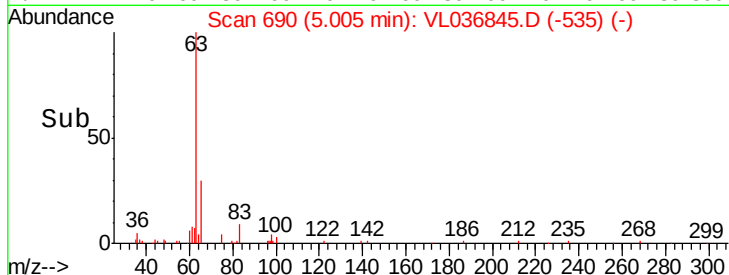
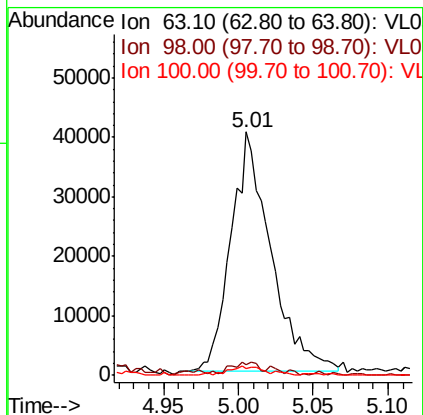
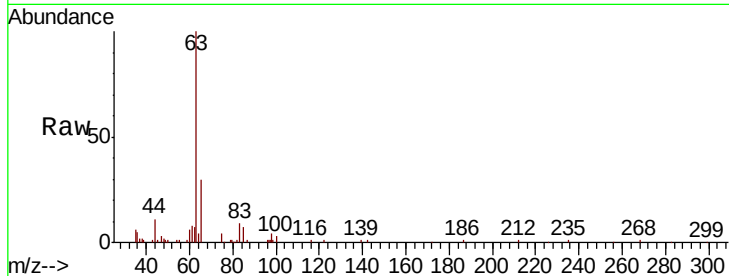
RT: 5.01 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 27 Apr 2021 3:20

Tot Ion:	63	Resp:	74929
Ion	Ratio	Lower	Upper
63	100		
98	4.8	1.7	5.1
100	3.1	1.3	3.8



#25

Ethyl Acetate

Concen: 0.473 ppbv

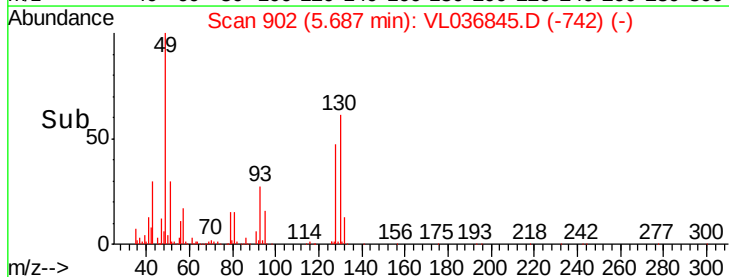
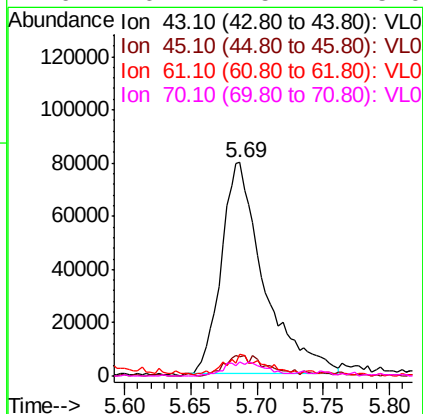
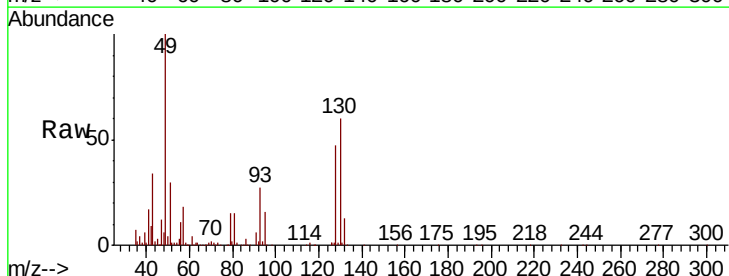
RT: 5.69 min Scan# 902

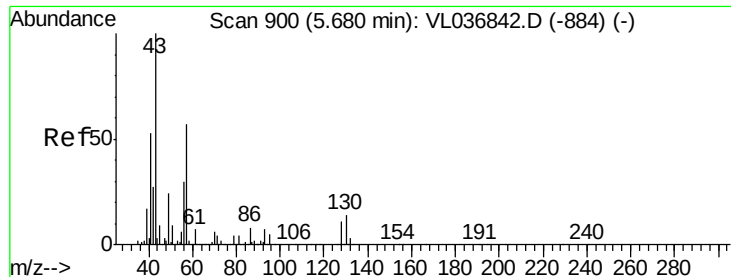
Delta R.T. 0.01 min

Lab File: VL036845.D

Acq: 27 Apr 2021 3:20

Tgt Ion:	43	Resp:	177711
Ion	Ratio	Lower	Upper
43	100		
45	10.2	7.8	11.6
61	8.6	7.6	11.4
70	6.4	5.4	8.0





#26

Hexane

Concen: 0.493 ppbv

RT: 5.68 Instrument:

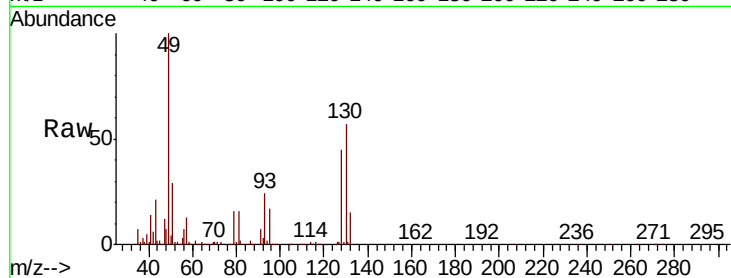
Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 27 Apr 2021 3:20

Tot Ion: 57 Resp: 85288

Ion	Ratio	Lower	Upper
57	100		
41	108.4	77.7	116.5
43	222.3	180.5	270.7
56	62.6	44.6	66.8

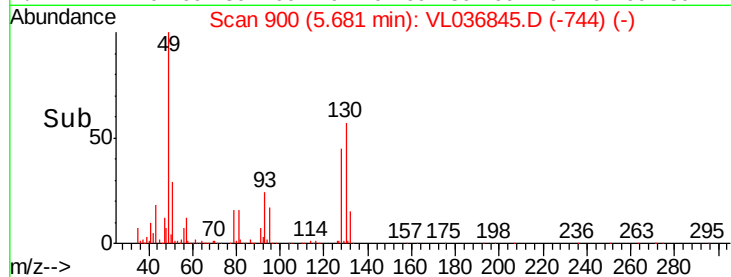


Abundance Ion 57.10 (56.80 to 57.80): VL0

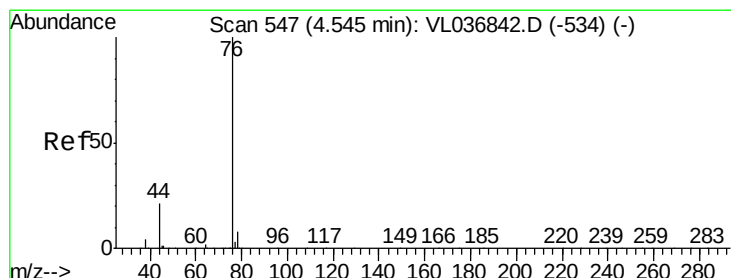
Ion 41.10 (40.80 to 41.80): VL0

Ion 43.10 (42.80 to 43.80): VL0

Ion 56.10 (55.80 to 56.80): VL0



Time-->



#27

Carbon Disulfide

Concen: 0.308 ppbv

RT: 4.55 min Scan# 547

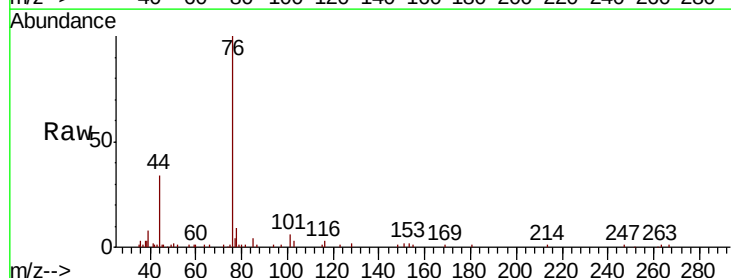
Delta R.T. 0.00 min

Lab File: VL036845.D

Acq: 27 Apr 2021 3:20

Tgt Ion: 76 Resp: 52188

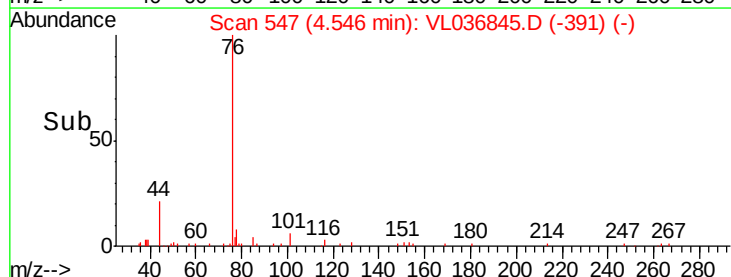
Ion	Ratio	Lower	Upper
76	100		
44	43.1	16.9	25.3#
78	15.4	7.9	11.9#



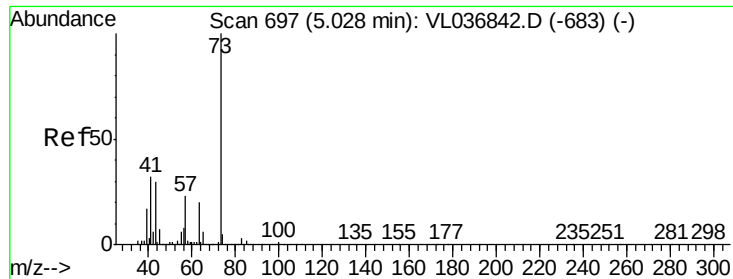
Abundance Ion 76.00 (75.70 to 76.70): VL0

Ion 44.10 (43.80 to 44.80): VL0

Ion 78.00 (77.70 to 78.70): VL0

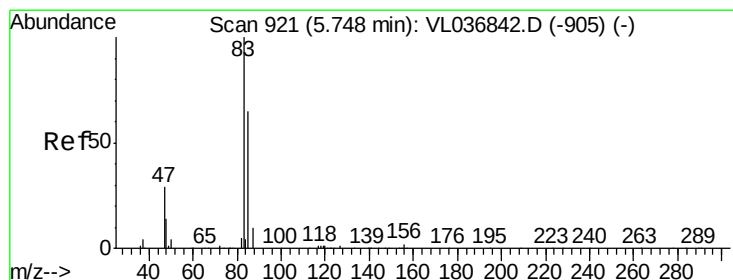
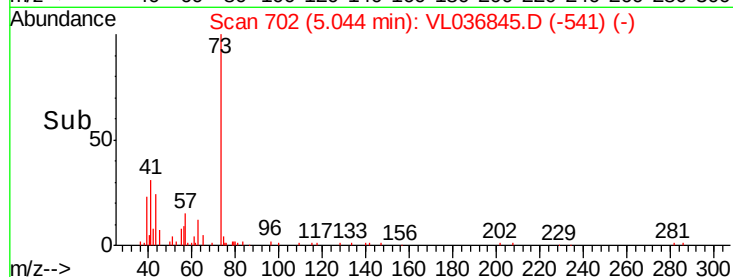
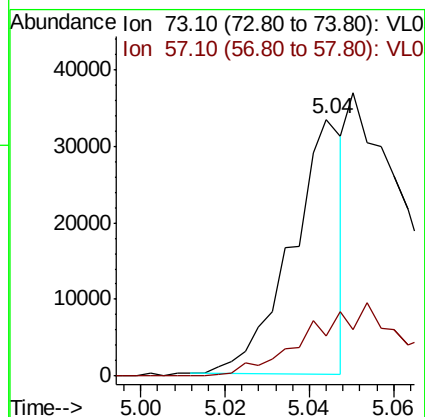
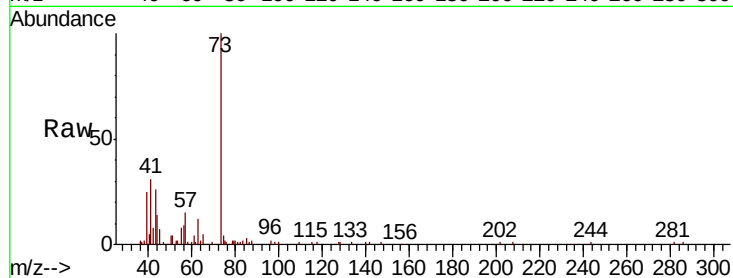


Time-->



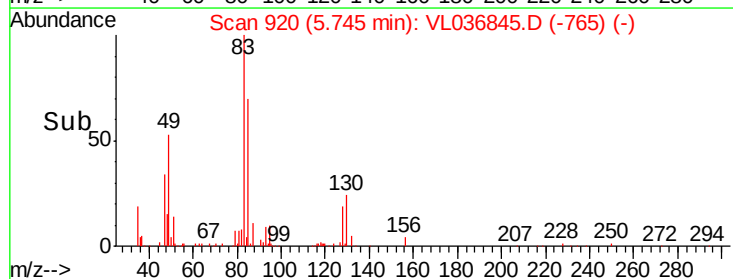
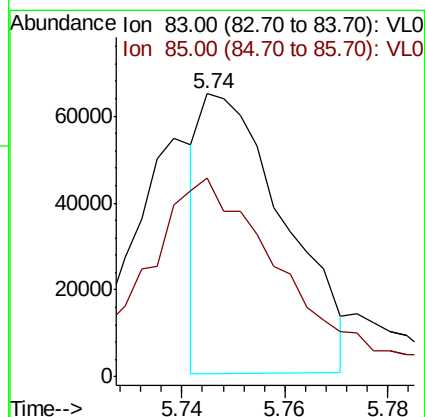
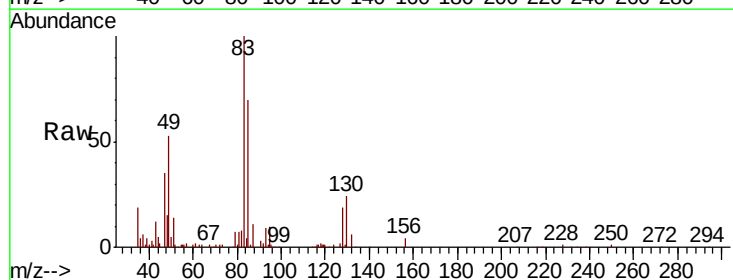
#28
Methyl tert-Butyl Ether
Concen: 0.143 ppbv
RT: 5.04 Instrument :
Delta R.T. MSVOA_1
Lab File: ClientSampleId :
Acq: 27 Apr 2021 3:20

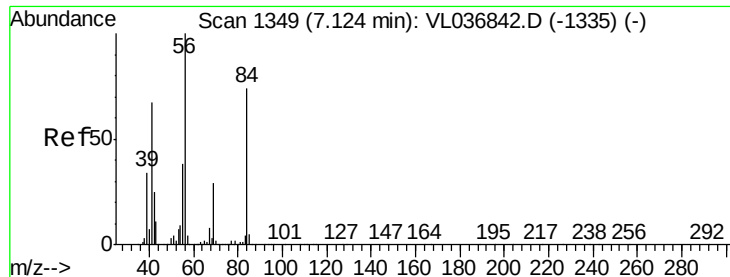
Tot Ion: 73 Resp: 28002
Ion Ratio Lower Upper
73 100
57 0.0 19.0 28.6#



#29
Chloroform
Concen: 0.259 ppbv
RT: 5.74 min Scan# 920
Delta R.T. -0.00 min
Lab File: VL036845.D
Acq: 27 Apr 2021 3:20

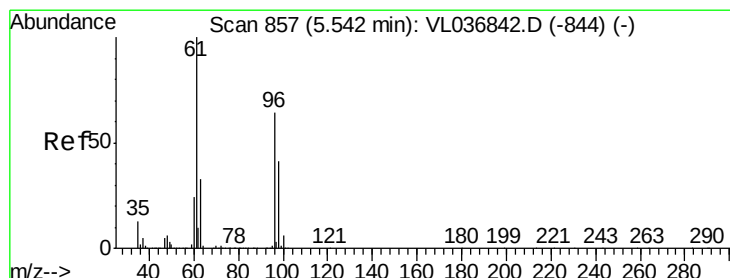
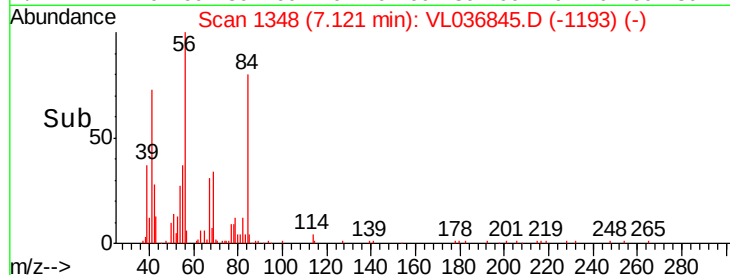
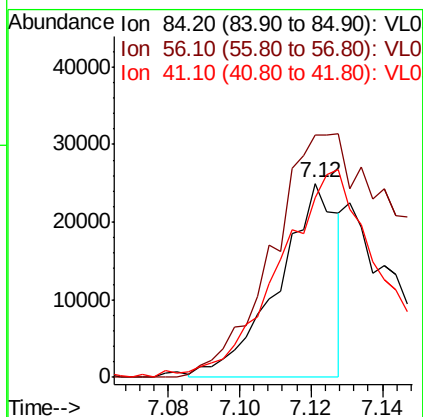
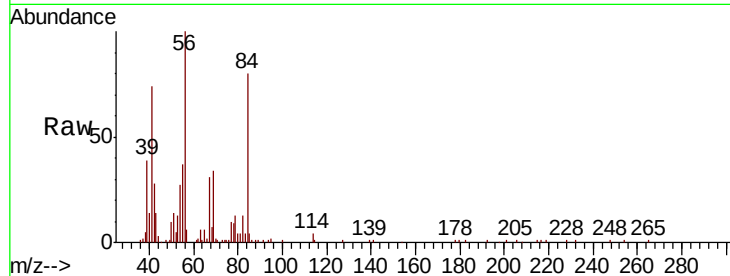
Tgt Ion: 83 Resp: 72477
Ion Ratio Lower Upper
83 100
85 69.2 52.2 78.4





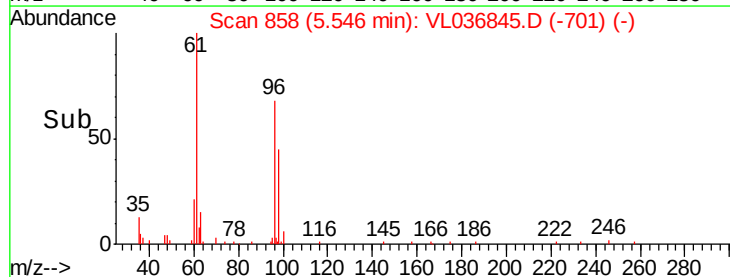
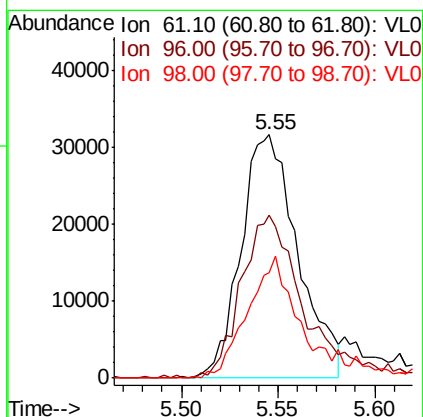
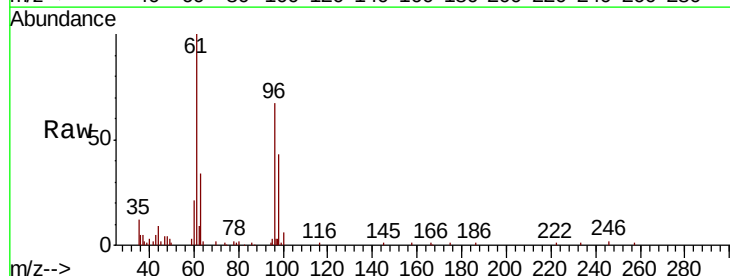
#30
Cyclohexane
Concen: 0.202 ppbv
RT: 7.12 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
Acq: 27 Apr 2021 3:20

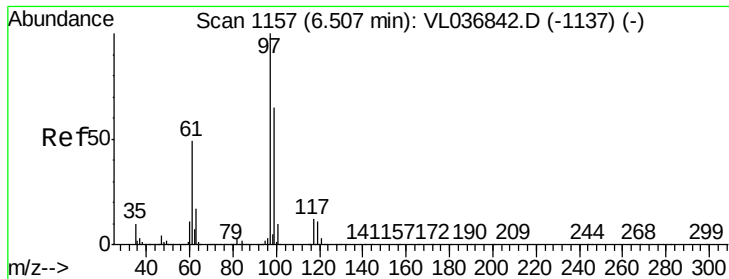
Tot Ion	Ratio	Lower	Upper
84	100		
56	0.0	115.8	173.6#
41	0.0	74.6	111.8#



#31
cis-1,2-Dichloroethene
Concen: 0.389 ppbv
RT: 5.55 min Scan# 858
Delta R.T.: 0.00 min
Lab File: VL036845.D
Acq: 27 Apr 2021 3:20

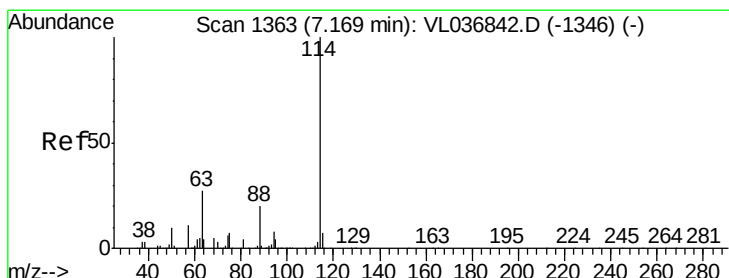
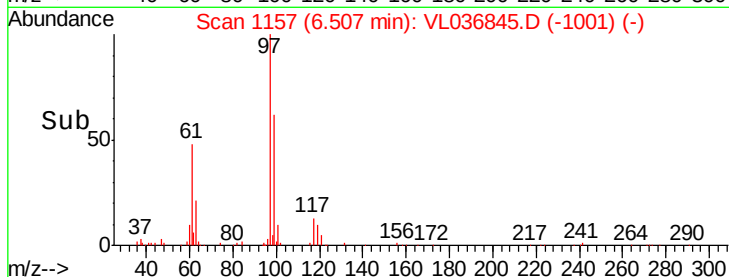
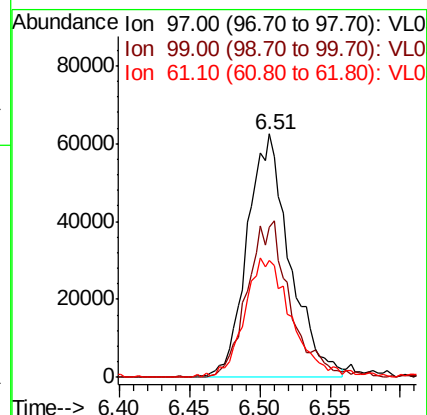
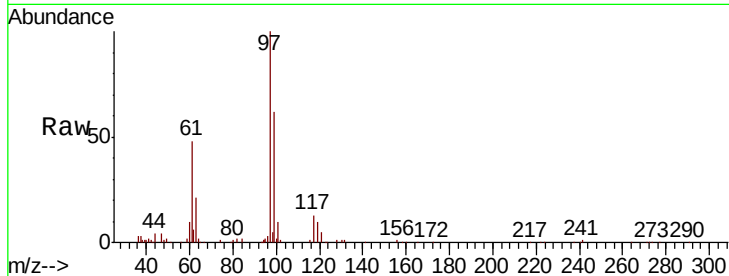
Tgt Ion	Ratio	Lower	Upper
61	100		
96	69.6	51.0	76.6
98	43.2	32.7	49.1





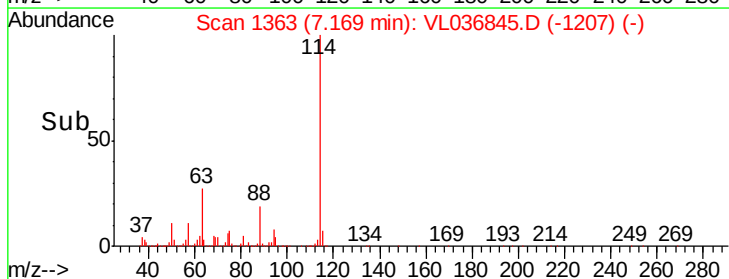
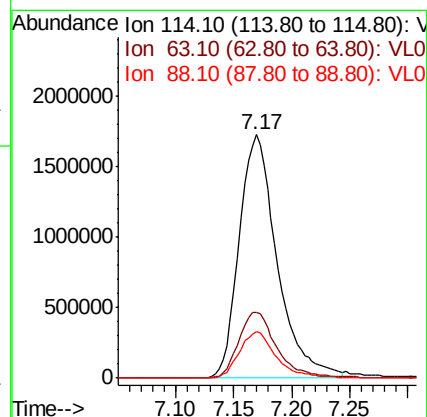
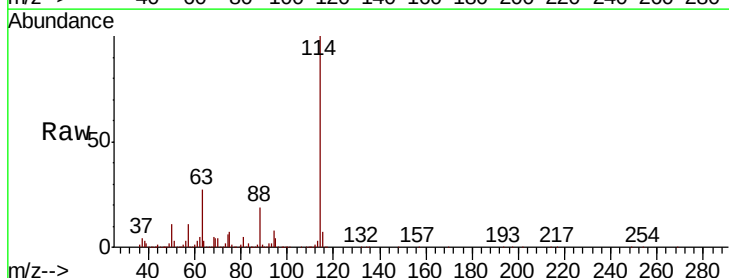
#32
 1,1,1-Trichloroethane
 Concen: 0.471 ppbv
 RT: 6.51 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId :
 Acq: 27 Apr 2021 3:20

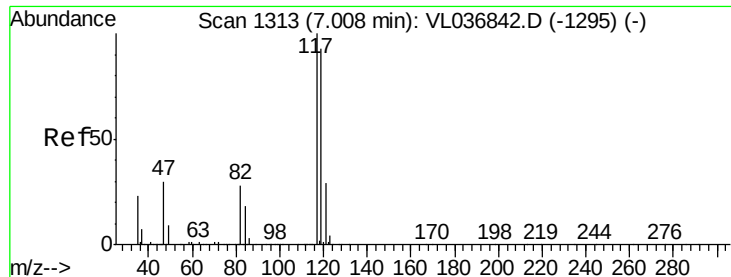
Tot Ion	97	Resp	132480
Ion Ratio	Lower	Upper	
97	100		
99	65.6	51.8	77.6
61	54.5	40.8	61.2



#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.17 min Scan# 1363
 Delta R.T.: 0.00 min
 Lab File: VL036845.D
 Acq: 27 Apr 2021 3:20

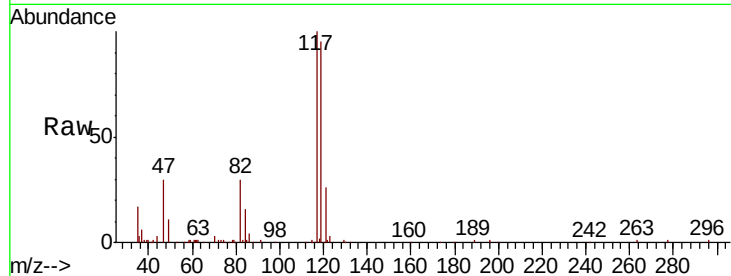
Tgt Ion	114	Resp	3923728
Ion Ratio	Lower	Upper	
114	100		
63	27.7	21.9	32.9
88	18.9	15.1	22.7





#35
 Carbon Tetrachloride
 Concen: 0.439 ppbv
 RT: 7.01 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId :
 Acq: 27 Apr 2021 3:20

Tot Ion	Ratio	Lower	Upper
117	100		
119	95.1	74.6	111.8
121	26.6	23.3	34.9

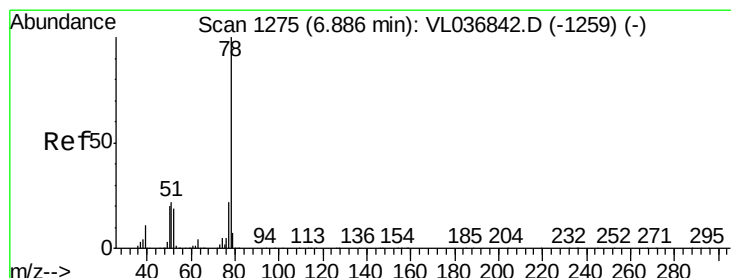
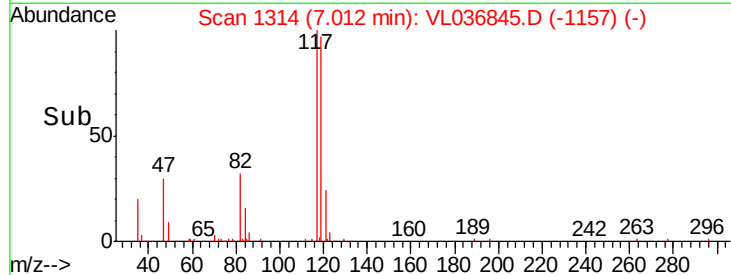
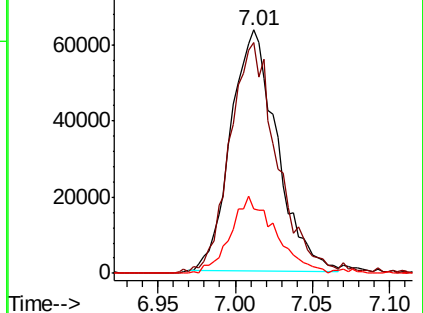


Abundance

Ion 117.00 (116.70 to 117.70): V

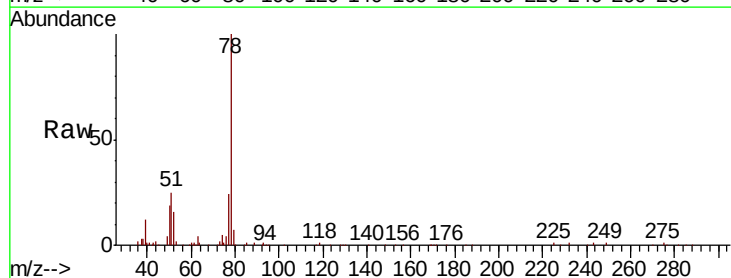
Ion 119.00 (118.70 to 119.70): V

Ion 121.00 (120.70 to 121.70): V



#36
 Benzene
 Concen: 0.237 ppbv
 RT: 6.89 min Scan# 1275
 Delta R.T.: 0.00 min
 Lab File: VL036845.D
 Acq: 27 Apr 2021 3:20

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.0	17.6	26.4
50	19.2	16.3	24.5

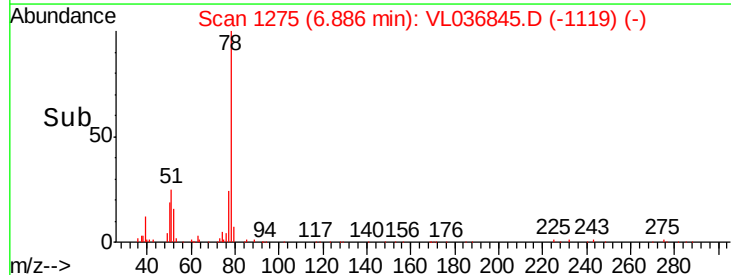
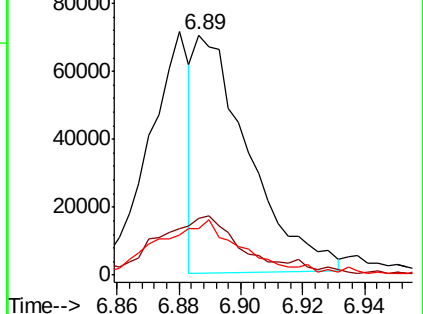


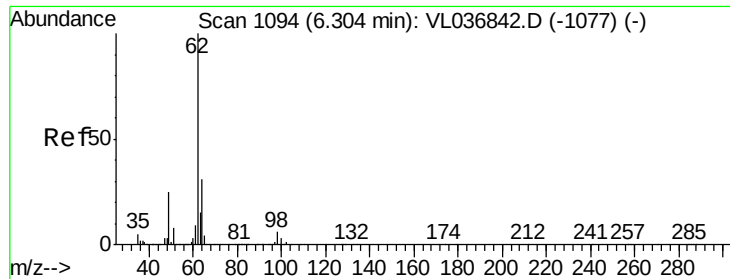
Abundance

Ion 78.10 (77.80 to 78.80): VL0

Ion 77.10 (76.80 to 77.80): VL0

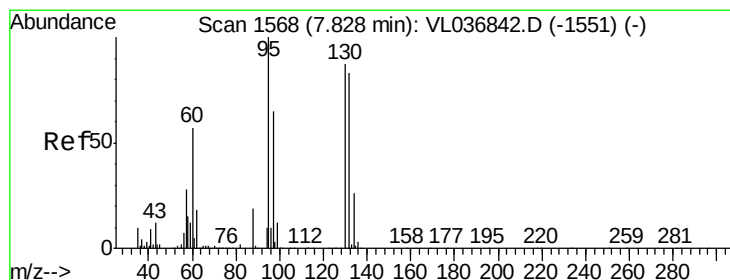
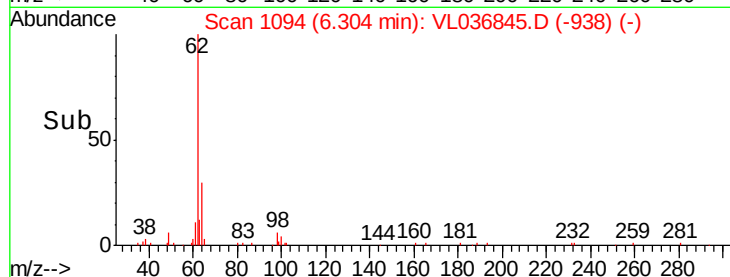
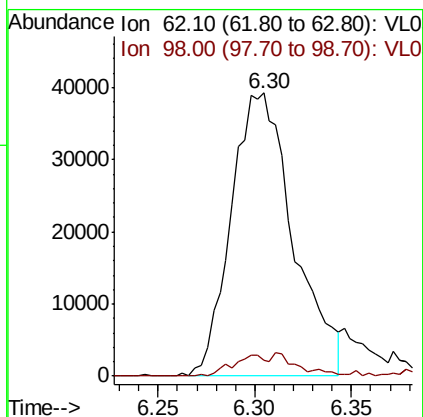
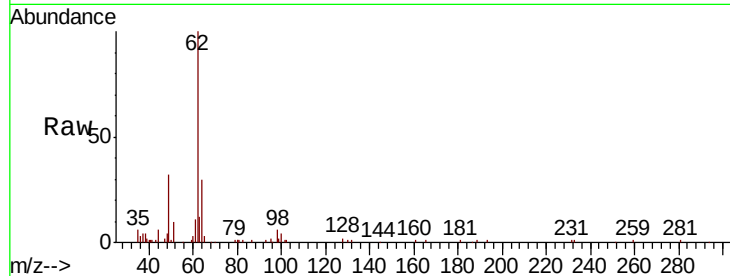
Ion 50.10 (49.80 to 50.80): VL0





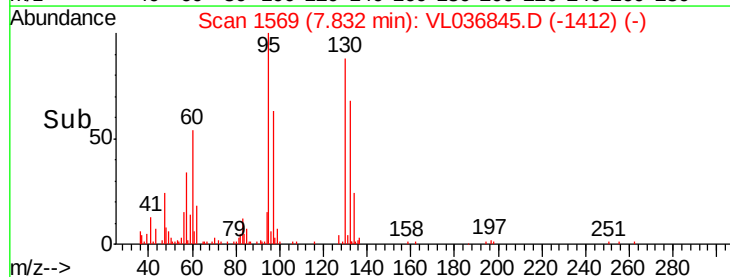
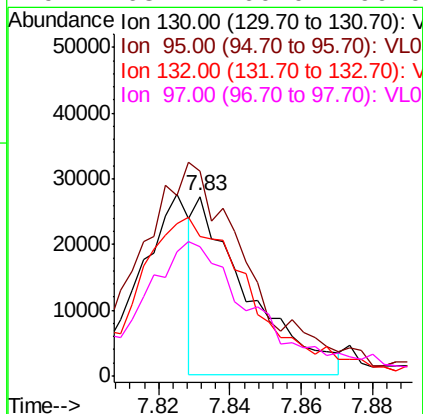
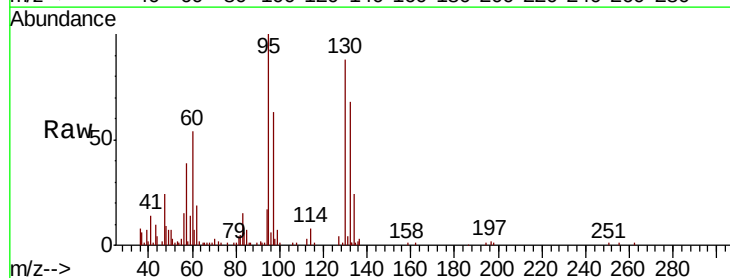
#37
 1,2-Dichloroethane
 Concen: 0.420 ppbv
 RT: 6.30
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 Acq: 27 Apr 2021 3:20

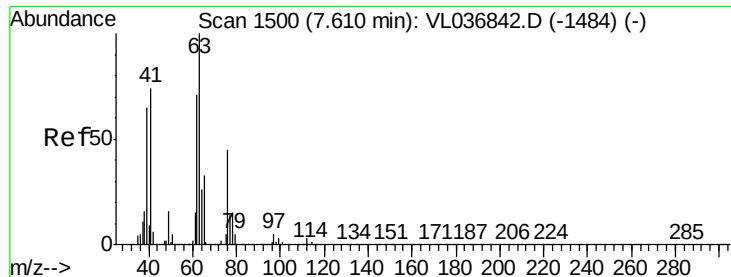
Tot Ion	Ratio	Lower	Upper
62	100		
98	7.8	4.8	7.2#



#38
 Trichloroethene
 Concen: 0.199 ppbv
 RT: 7.83 min Scan# 1569
 Delta R.T.: 0.00 min
 Lab File: VL036845.D
 Acq: 27 Apr 2021 3:20

Tgt Ion	Ratio	Lower	Upper
130	100		
95	114.9	92.3	138.5
132	80.0	76.8	115.2
97	68.1	60.0	90.0





#39

1,2-Dichloropropane

Concen: 0.476 ppbv

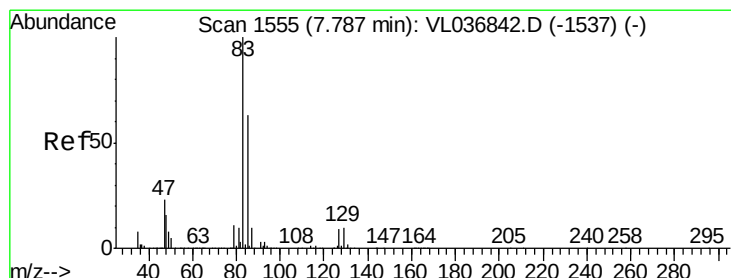
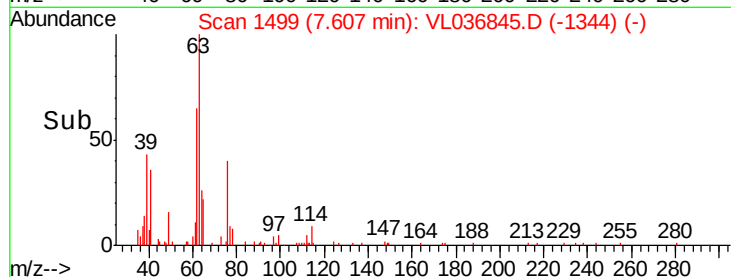
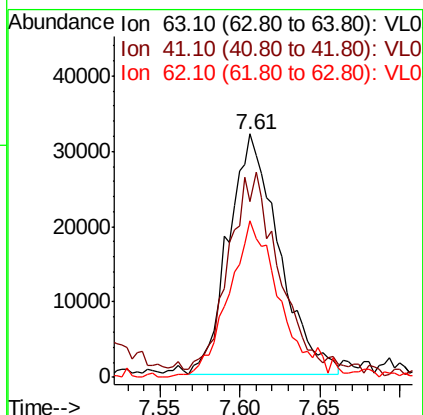
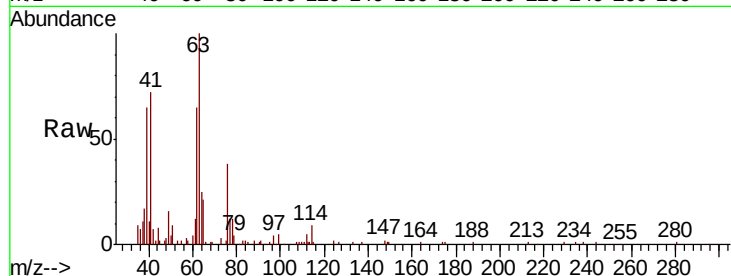
RT: 7.61 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 27 Apr 2021 3:20

Tot Ion:	63	Resp:	68781
Ion	Ratio	Lower	Upper
63	100		
41	69.3	59.1	88.7
62	64.0	56.9	85.3



#42

Bromodichloromethane

Concen: 0.424 ppbv

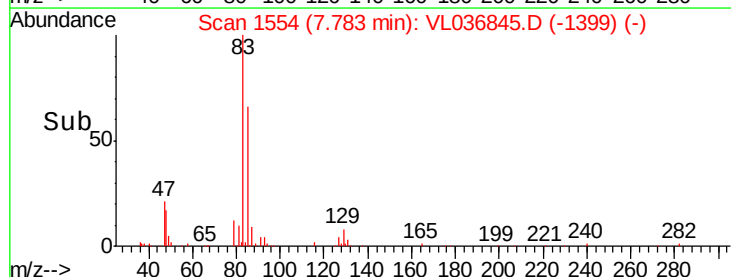
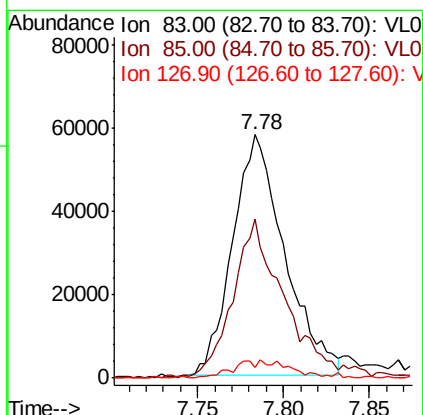
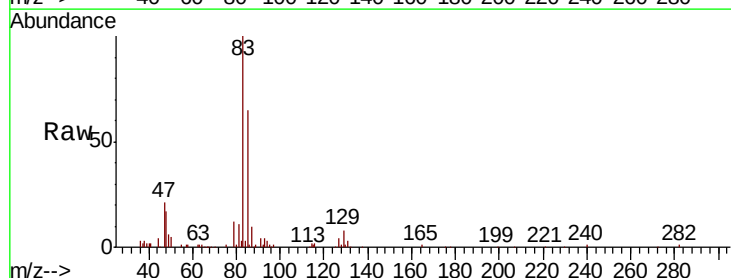
RT: 7.78 min Scan# 1554

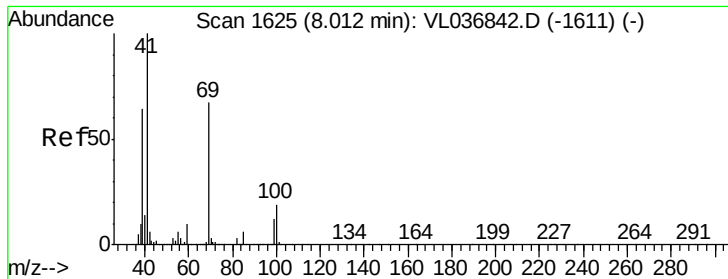
Delta R.T. -0.00 min

Lab File: VL036845.D

Acq: 27 Apr 2021 3:20

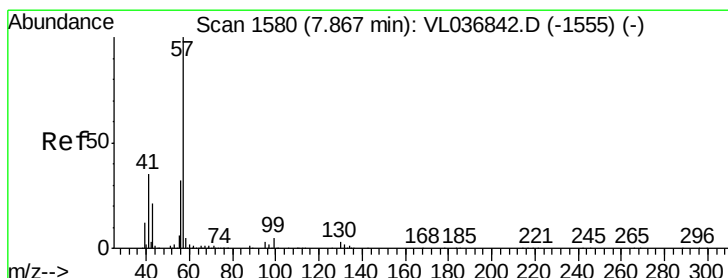
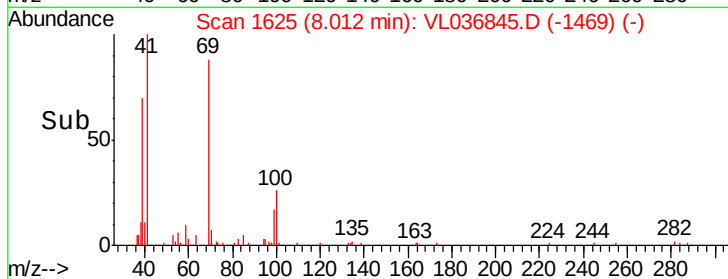
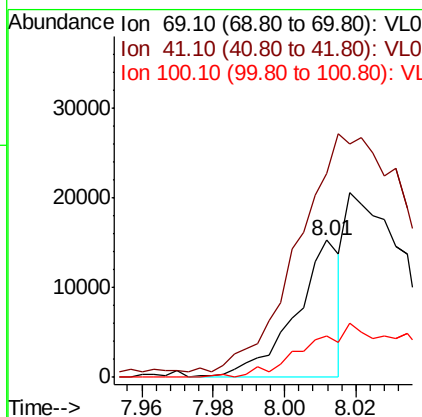
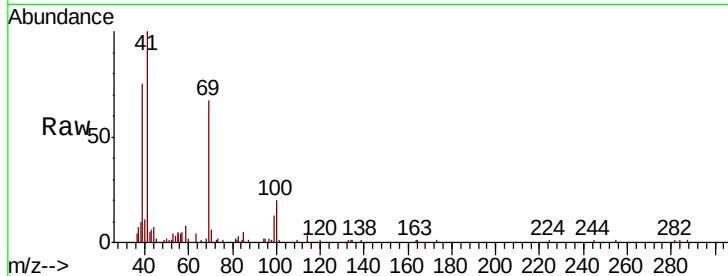
Tgt Ion:	83	Resp:	121078
Ion	Ratio	Lower	Upper
83	100		
85	65.8	50.4	75.6
127	4.2	6.9	10.3#





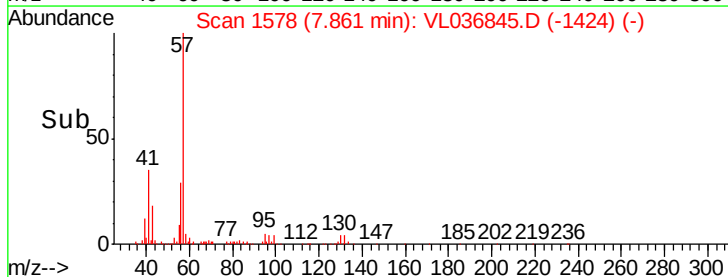
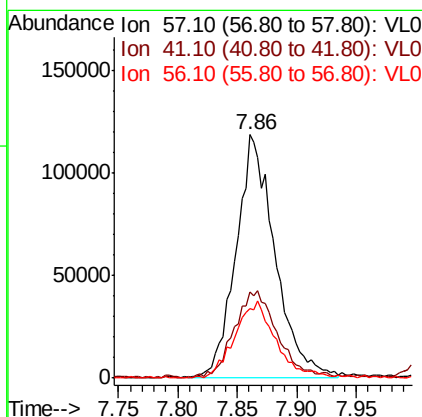
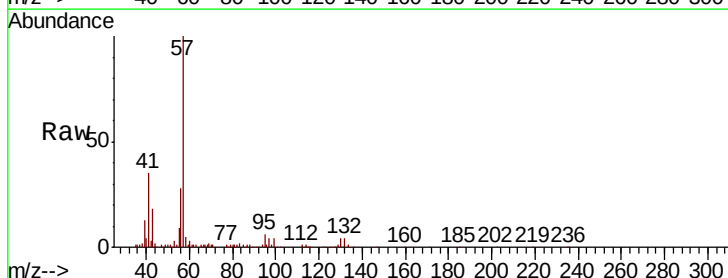
#43
Methyl Methacrylate
Concen: 0.112 ppbv
RT: 8.01 Instrument :
Delta R.T. MSVOA_1
Lab File: ClientSampleId :
Acq: 27 Apr 2021 3:20

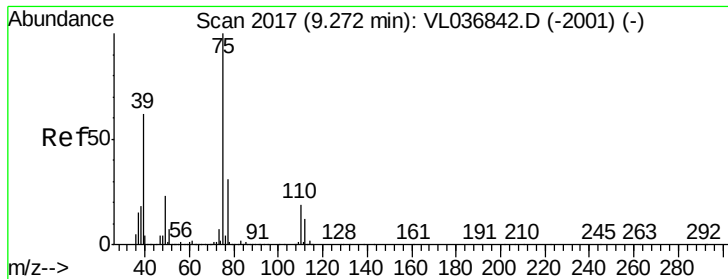
Tot Ion	Ratio	Lower	Upper
69	100		
41	0.0	125.0	187.4#
100	0.0	25.4	38.2#



#44
2,2,4-Trimethylpentane
Concen: 0.423 ppbv
RT: 7.86 min Scan# 1578
Delta R.T. -0.01 min
Lab File: VL036845.D
Acq: 27 Apr 2021 3:20

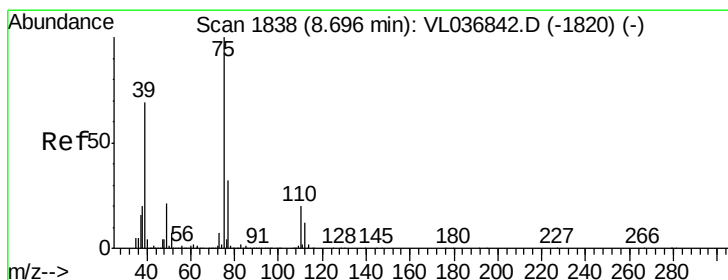
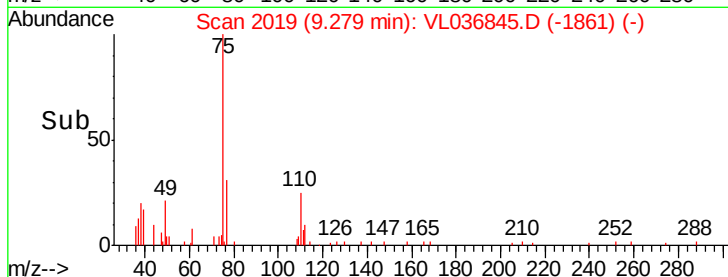
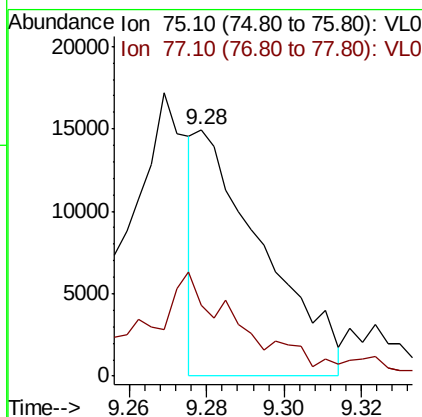
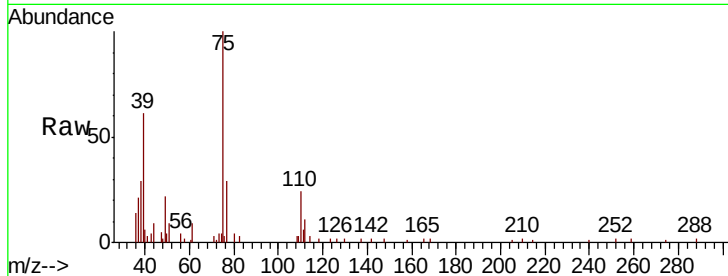
Tgt Ion	Ratio	Lower	Upper
57	100		
41	40.1	28.3	42.5
56	34.1	25.9	38.9





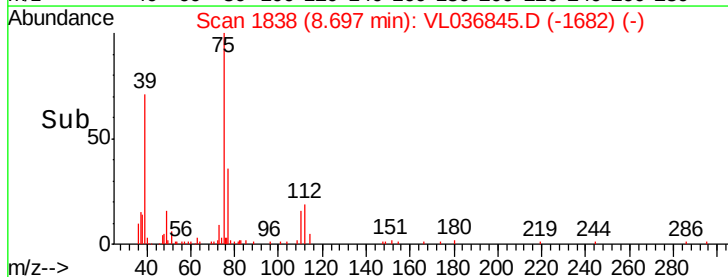
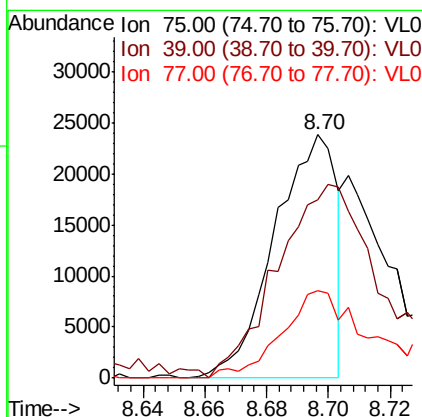
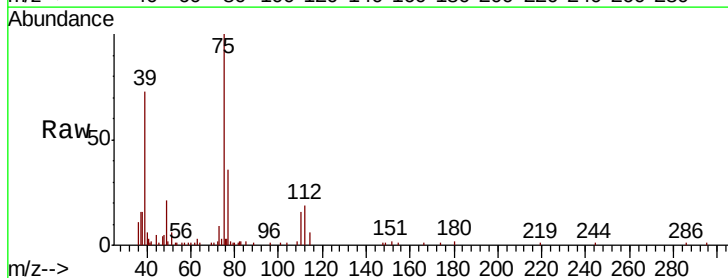
#45
t-1,3-Dichloropropene
Concen: 0.131 ppbv
RT: 9.28 Instrument :
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 27 Apr 2021 3:20

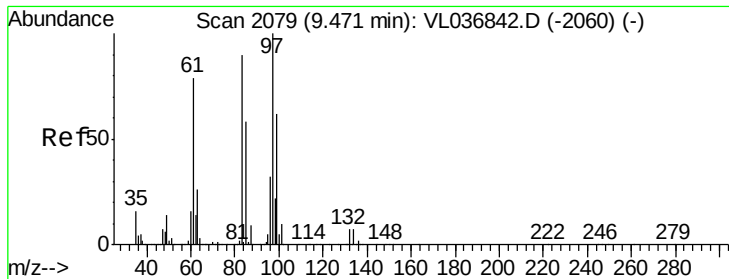
Tot Ion: 75 Resp: 17871
Ion Ratio Lower Upper
75 100
77 27.7 24.6 37.0



#46
cis-1,3-Dichloropropene
Concen: 0.191 ppbv
RT: 8.70 min Scan# 1838
Delta R.T. 0.00 min
Lab File: VL036845.D
Acq: 27 Apr 2021 3:20

Tgt Ion: 75 Resp: 33129
Ion Ratio Lower Upper
75 100
39 69.9 55.4 83.0
77 35.9 25.2 37.8





#47

1,1,2-Trichloroethane

Concen: 0.449 ppbv

RT: 9.47 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 27 Apr 2021 3:20

Tot Ion: 97 Resp: 66285

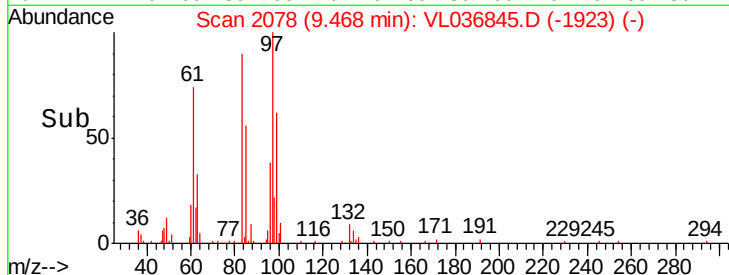
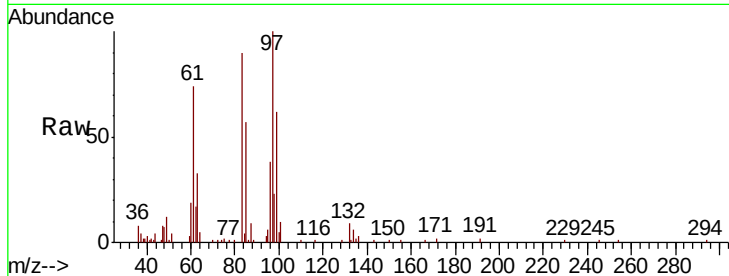
Ion Ratio Lower Upper

97 100

83 88.4 71.9 107.9

85 56.8 46.5 69.7

99 62.3 49.8 74.8

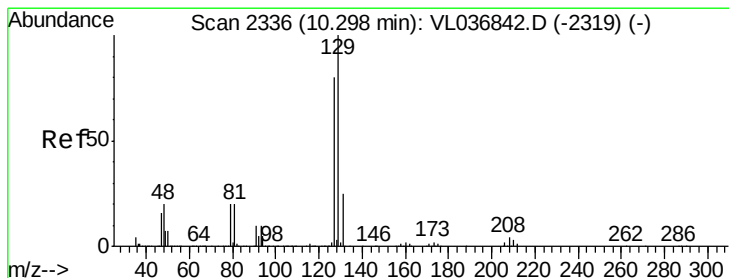
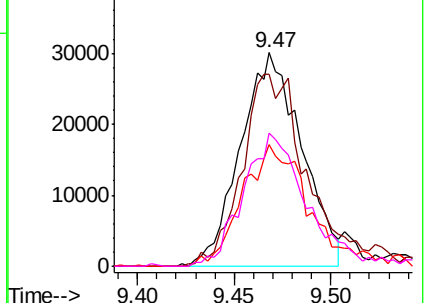


Abundance Ion 97.00 (96.70 to 97.70): VL0

Ion 83.00 (82.70 to 83.70): VL0

Ion 85.00 (84.70 to 85.70): VL0

Ion 99.00 (98.70 to 99.70): VL0



#48

Dibromochloromethane

Concen: 0.167 ppbv

RT: 10.30 min Scan# 2337

Delta R.T. 0.00 min

Lab File: VL036845.D

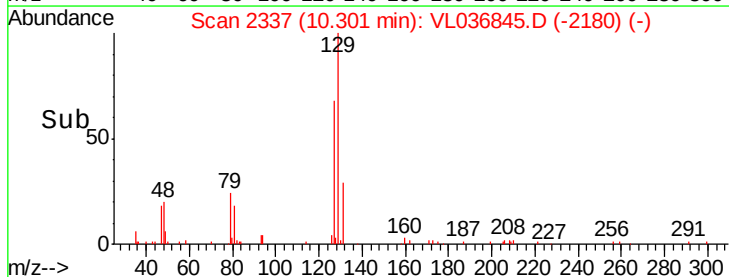
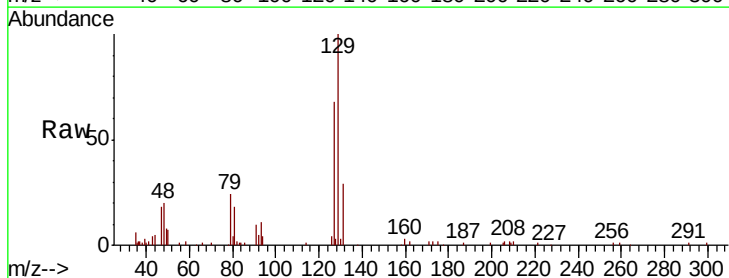
Acq: 27 Apr 2021 3:20

Tgt Ion: 129 Resp: 37403

Ion Ratio Lower Upper

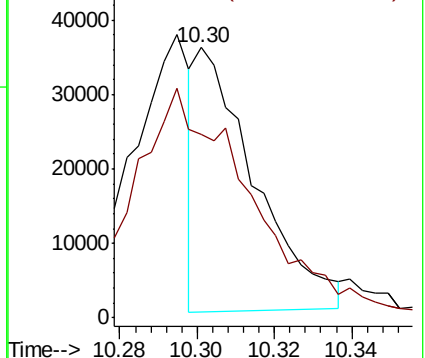
129 100

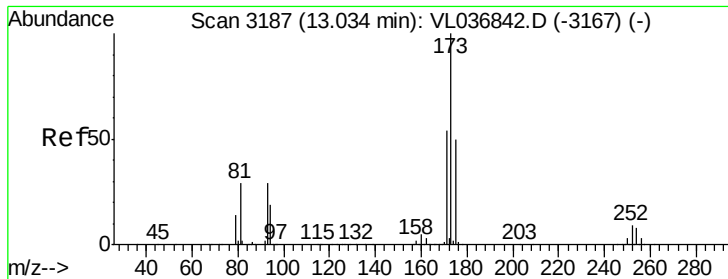
127 0.0 40.2 120.5#



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V





#49

Bromoform

Concen: 0.363 ppbv

RT: 13.03

Delta R.T. MSVOA_L

Lab File:

Acq: 27 Apr 2021 3:20

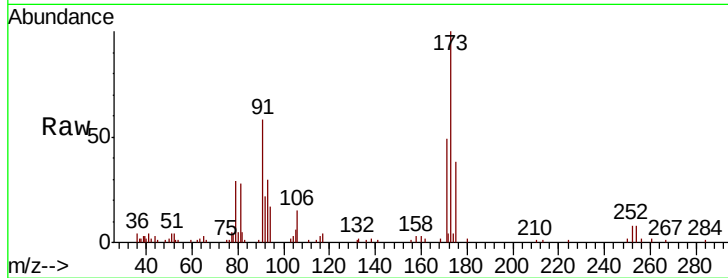
Tot Ion: 173 Resp: 65502

Ion Ratio Lower Upper

173 100

175 52.8 39.8 59.8

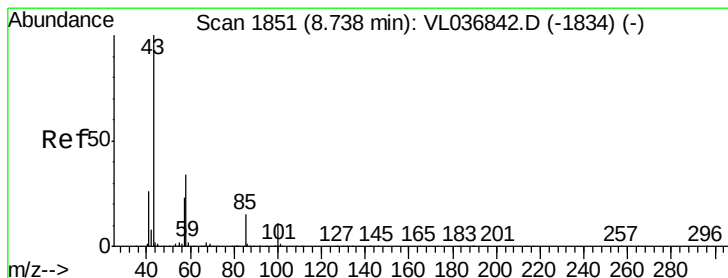
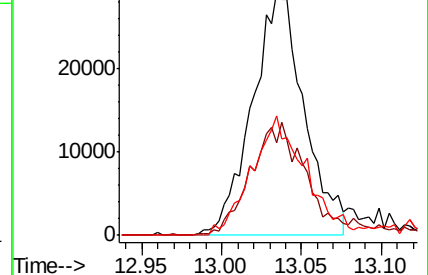
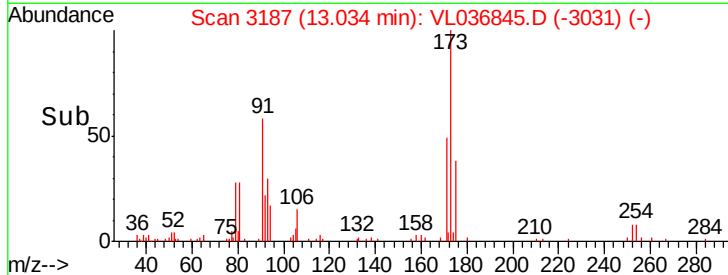
171 51.0 42.2 63.4



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: 0.192 ppbv

RT: 8.77 min Scan# 1861

Delta R.T. 0.03 min

Lab File: VL036845.D

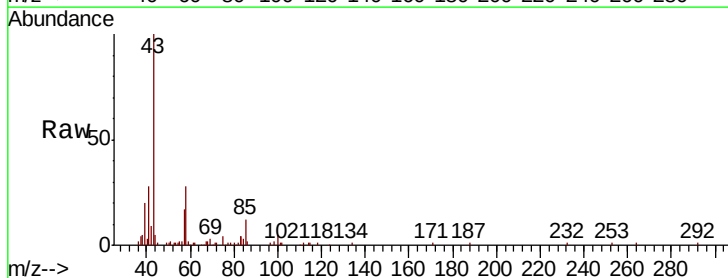
Acq: 27 Apr 2021 3:20

Tgt Ion: 43 Resp: 52093

Ion Ratio Lower Upper

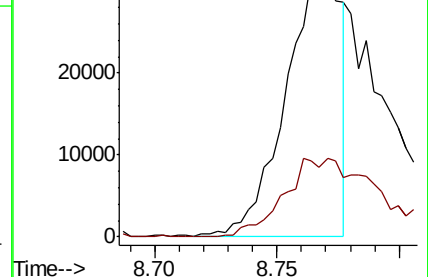
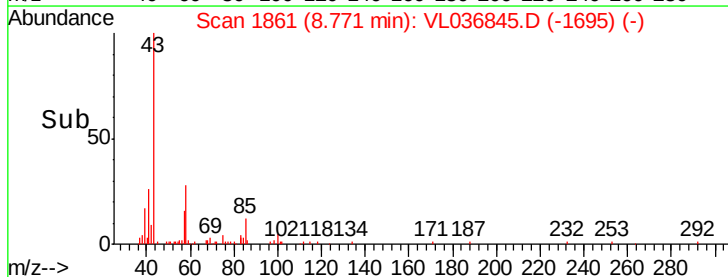
43 100

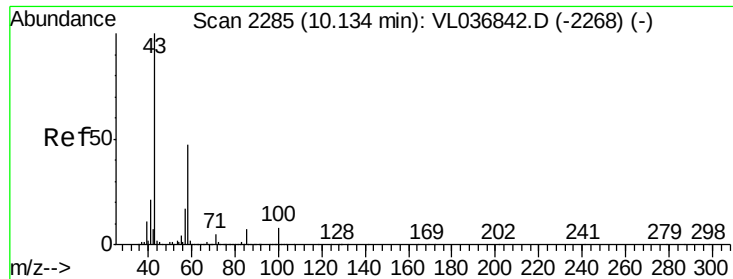
58 56.6 27.8 41.8#



Abundance Ion 43.10 (42.80 to 43.80): VL0

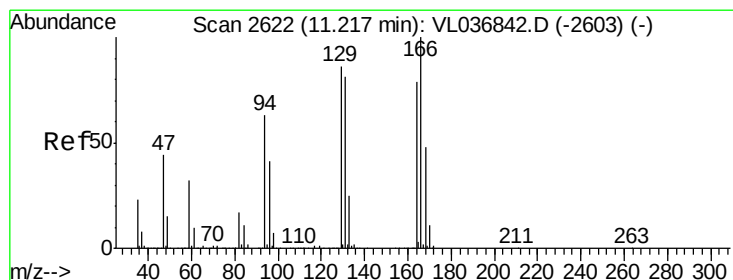
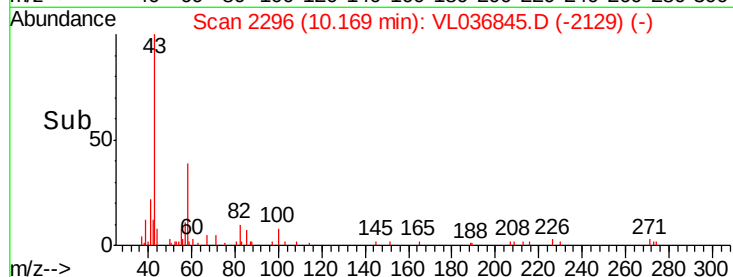
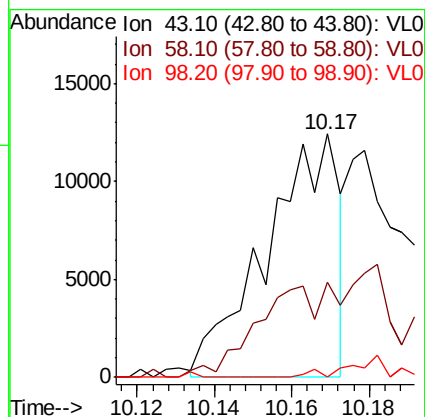
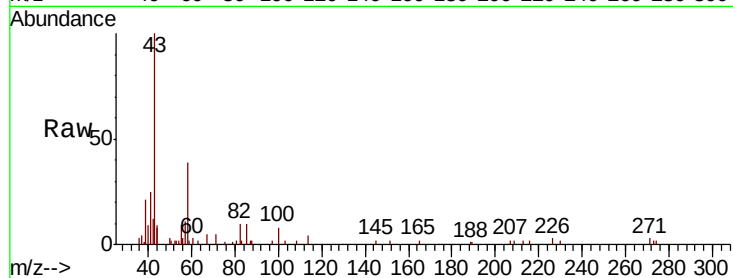
Ion 58.10 (57.80 to 58.80): VL0





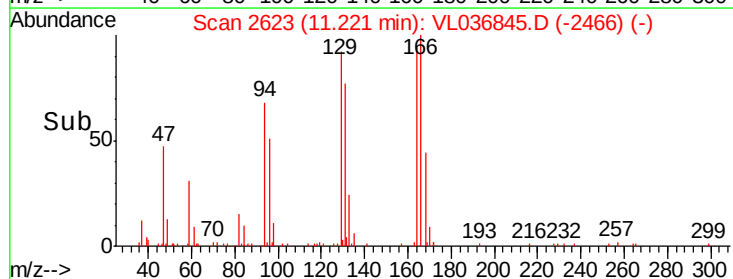
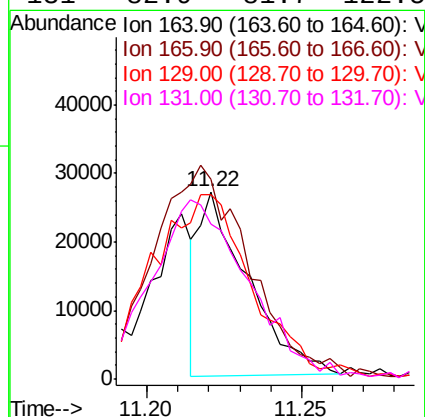
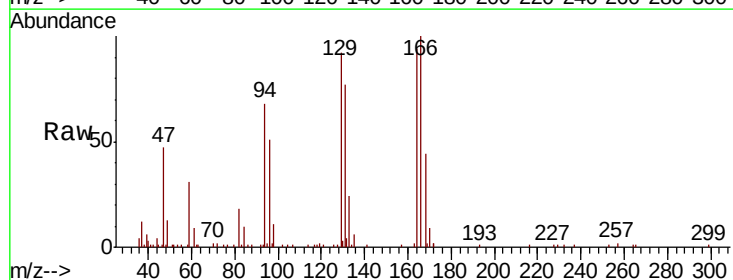
#51
2-Hexanone
Concen: 0.119 ppbv
RT: 10.17 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
Acq: 27 Apr 2021 3:20

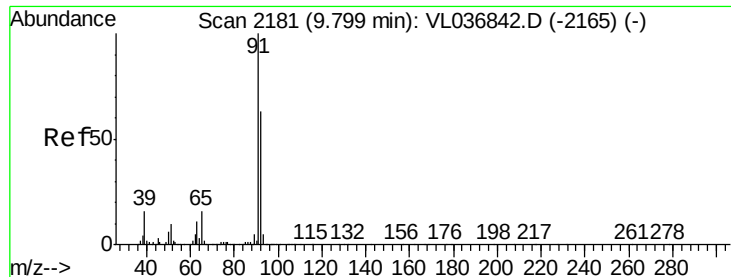
Tot Ion	Ratio	Lower	Upper
43	100		
58	0.0	36.8	55.2#
98	0.6	0.3	0.5#



#52
Tetrachloroethene
Concen: 0.223 ppbv
RT: 11.22 min Scan# 2623
Delta R.T.: 0.00 min
Lab File: VL036845.D
Acq: 27 Apr 2021 3:20

Tgt Ion	Ratio	Lower	Upper
164	100		
166	103.4	100.9	151.3
129	93.6	87.0	130.4
131	82.9	81.7	122.5





#53

Toluene

Concen: 0.374 ppbv

RT: 9.80 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

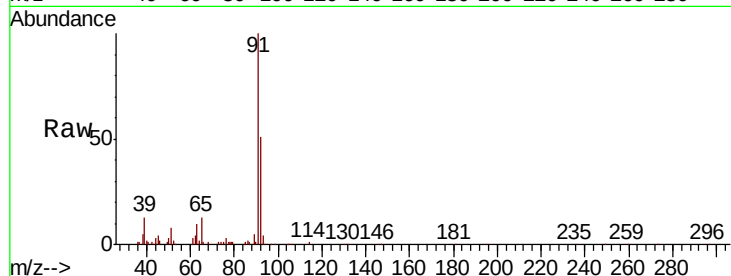
Acq: 27 Apr 2021 3:20

Tot Ion: 91 Resp: 142181

Ion Ratio Lower Upper

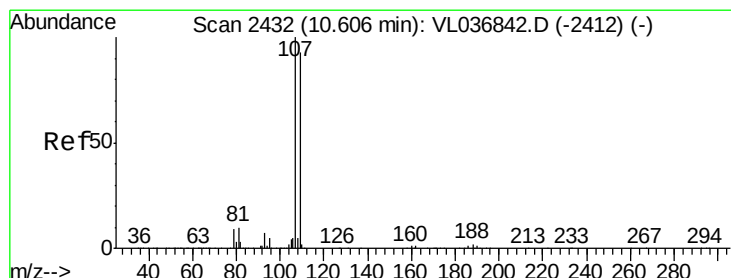
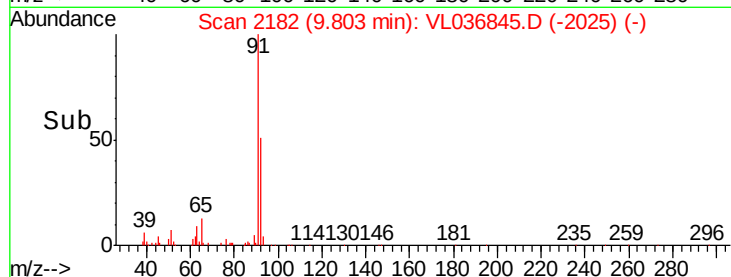
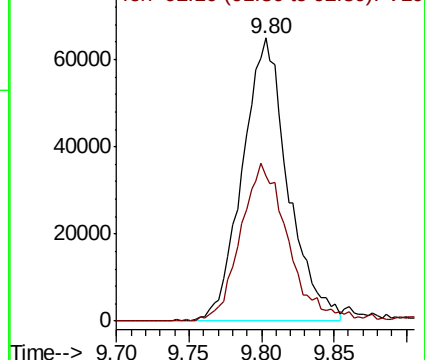
91 100

92 59.6 49.1 73.7



Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 92.10 (91.80 to 92.80): VL0



#54

1,2-Dibromoethane

Concen: 0.376 ppbv

RT: 10.60 min Scan# 2431

Delta R.T. -0.00 min

Lab File: VL036845.D

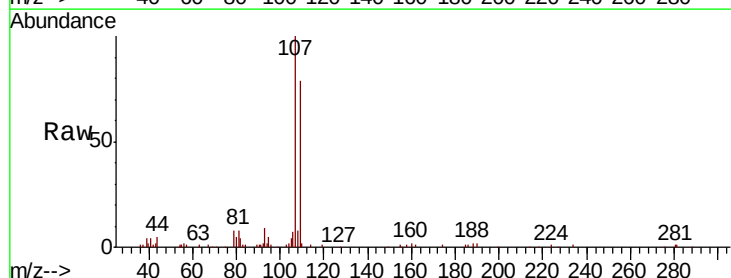
Acq: 27 Apr 2021 3:20

Tgt Ion: 107 Resp: 77984

Ion Ratio Lower Upper

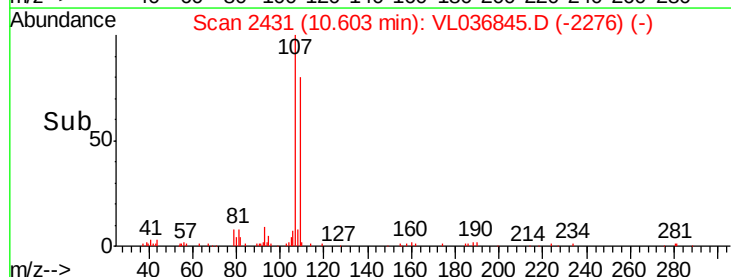
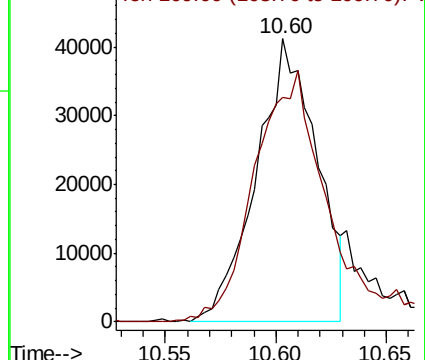
107 100

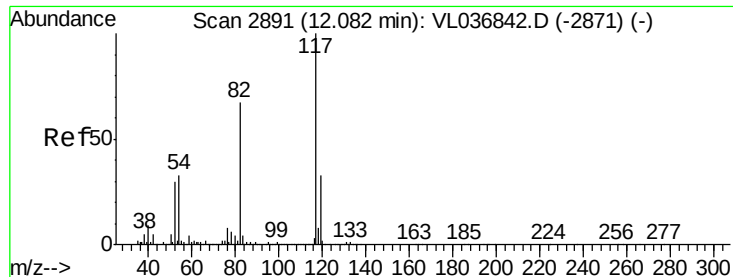
109 77.3 74.7 112.1



Abundance Ion 107.00 (106.70 to 107.70): V

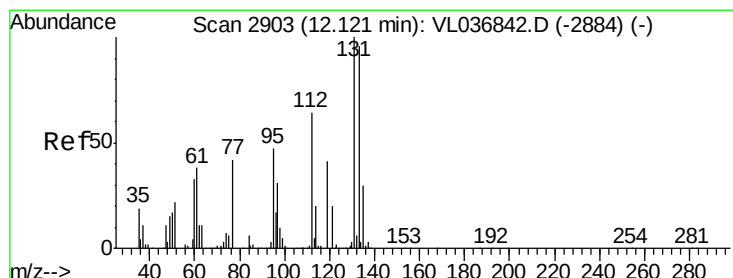
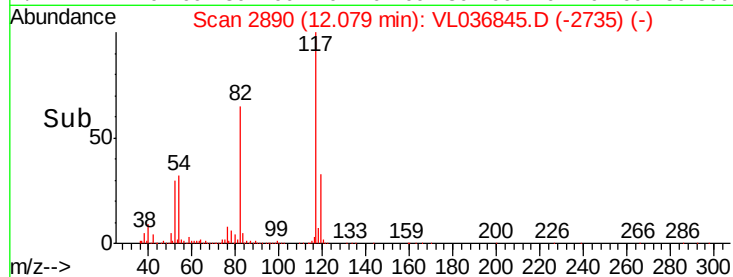
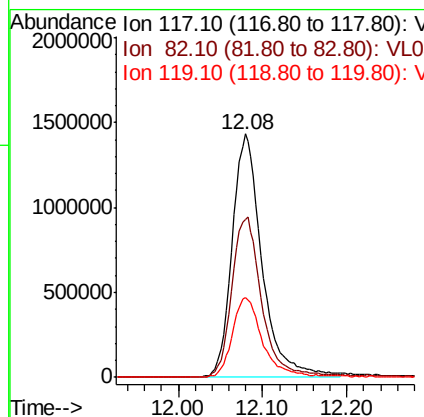
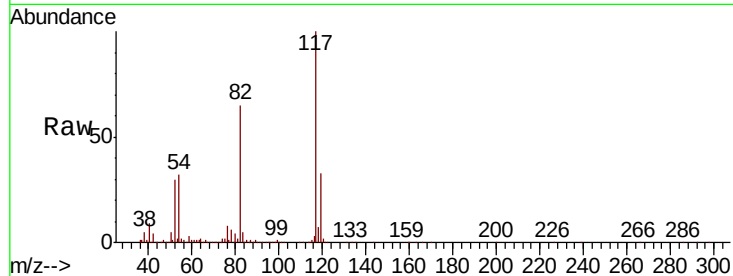
Ion 109.00 (108.70 to 109.70): V





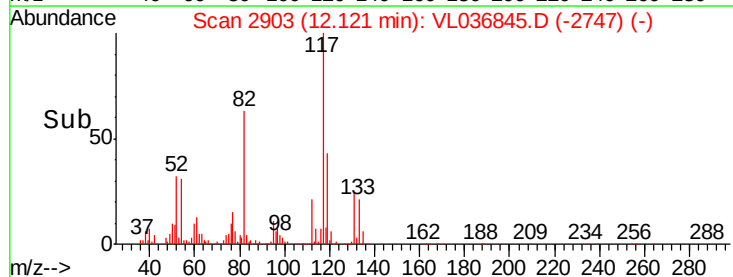
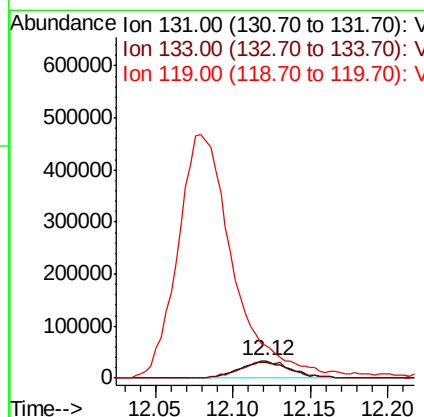
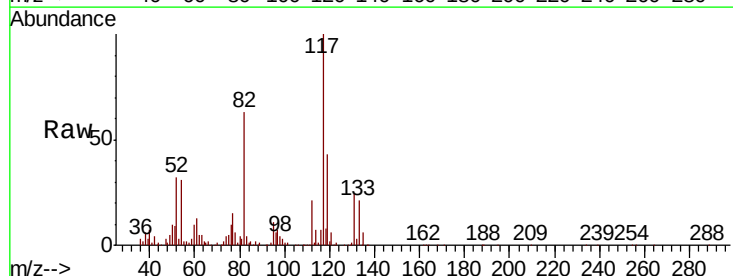
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.08 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
Acq: 27 Apr 2021 3:20

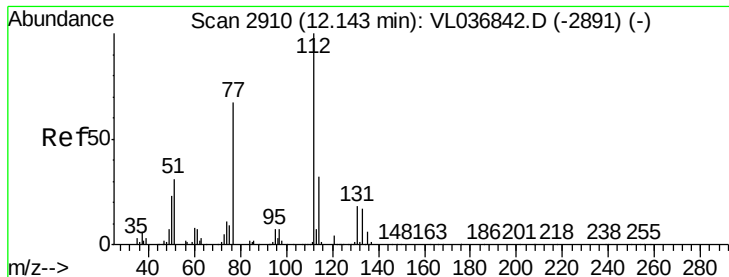
Tot Ion:117 Resp: 3535123
Ion Ratio Lower Upper
117 100
82 67.6 53.4 80.2
119 33.8 44.9 67.3#



#56
1,1,1,2-Tetrachloroethane
Concen: 0.472 ppbv
RT: 12.12 min Scan# 2903
Delta R.T.: 0.00 min
Lab File: VL036845.D
Acq: 27 Apr 2021 3:20

Tgt Ion:131 Resp: 74086
Ion Ratio Lower Upper
131 100
133 102.3 76.2 114.4
119 1629.8 114.6 171.8#





#57

Chlorobenzene

Concen: 0.470 ppbv

RT: 12.14 min

Delta R.T. MSVOA_L

Lab File:

Acq: 27 Apr 2021 3:20

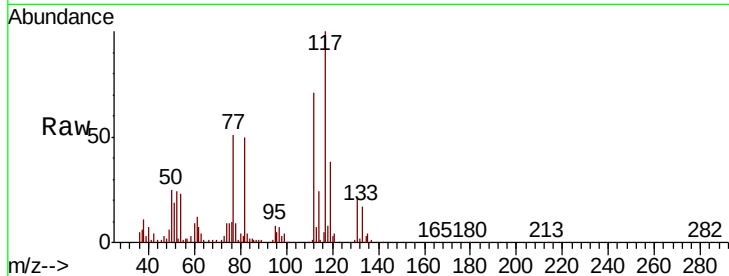
Tot Ion: 112 Resp: 139544

Ion Ratio Lower Upper

112 100

77 64.4 54.2 81.4

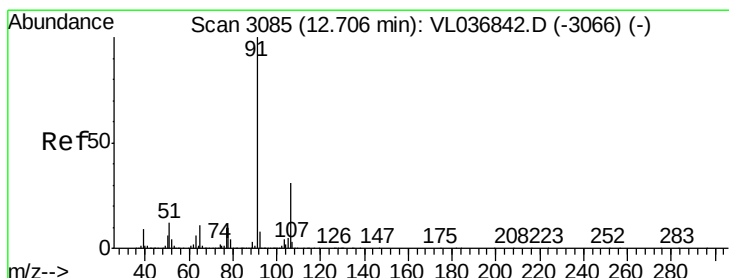
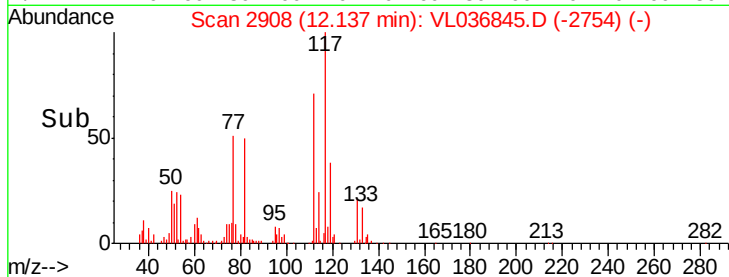
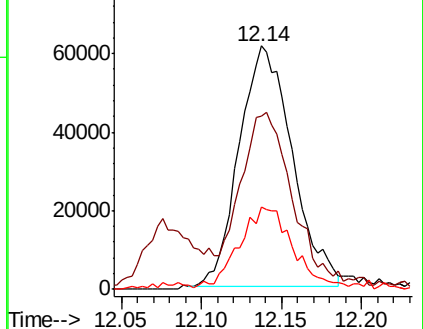
114 32.5 28.5 34.9



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: 0.365 ppbv

RT: 12.71 min Scan# 3085

Delta R.T. 0.00 min

Lab File: VL036845.D

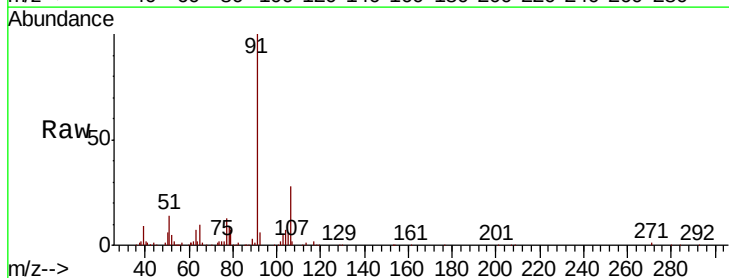
Acq: 27 Apr 2021 3:20

Tgt Ion: 91 Resp: 184205

Ion Ratio Lower Upper

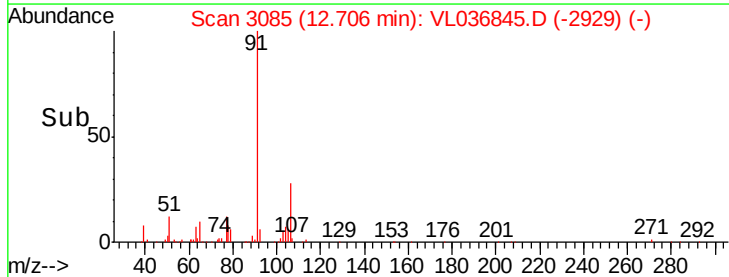
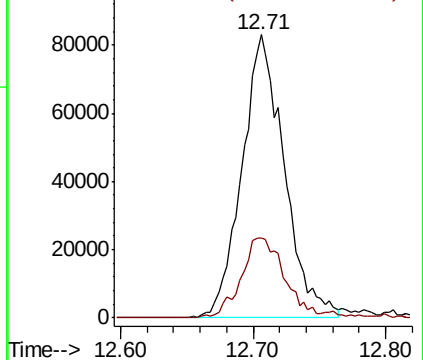
91 100

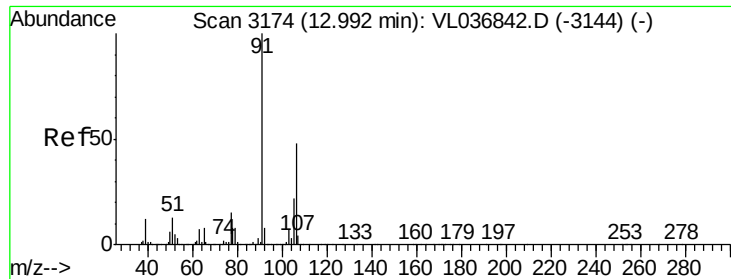
106 28.2 25.1 37.7



Abundance Ion 91.10 (90.80 to 91.80): VL0

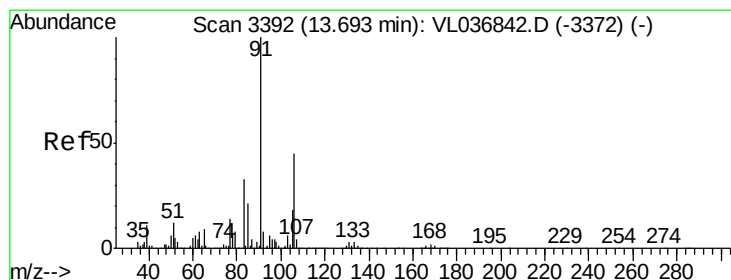
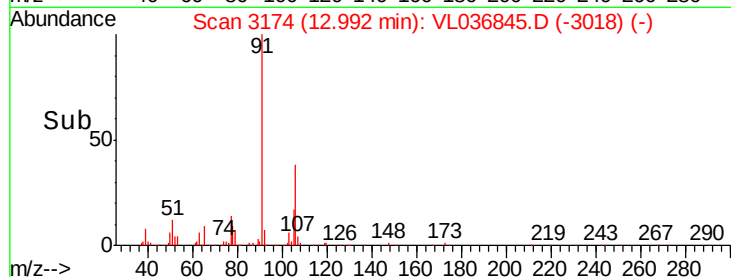
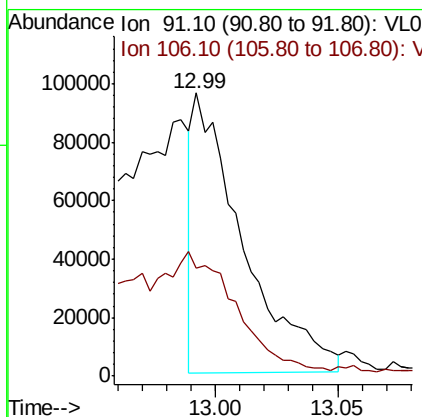
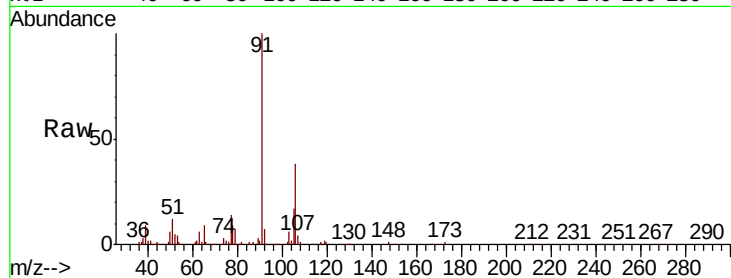
Ion 106.10 (105.80 to 106.80): V





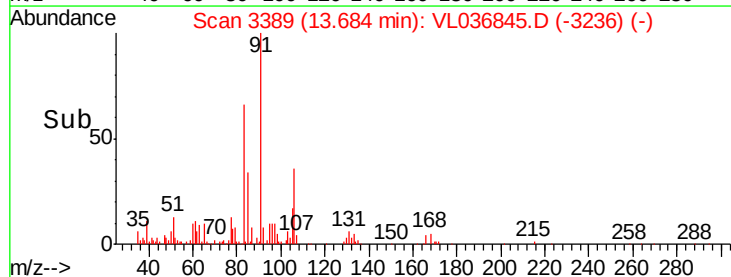
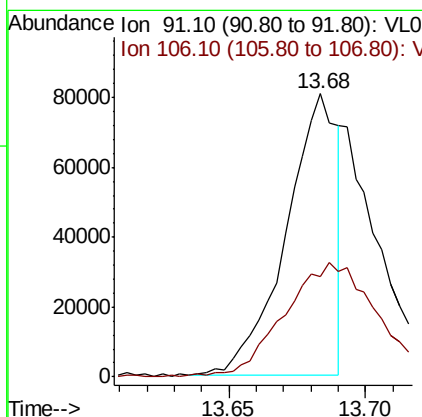
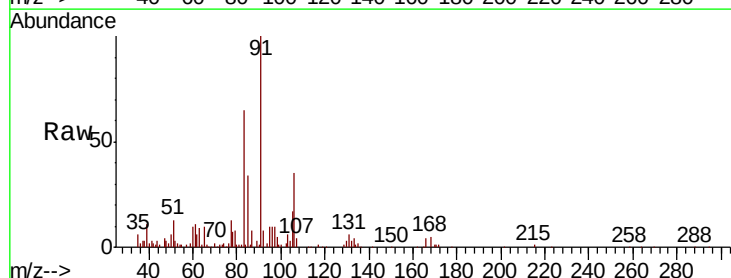
#59
m/p-Xylene
Concen: 0.303 ppbv
RT: 12.99 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
Acq: 27 Apr 2021 3:20

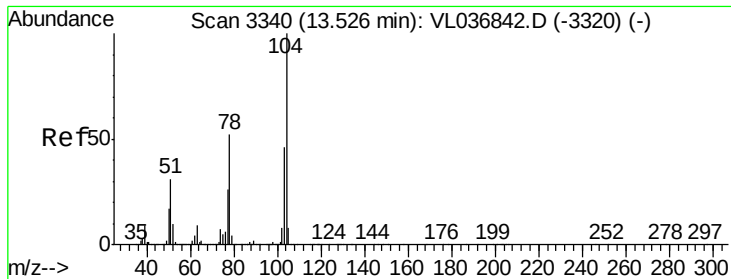
Tot Ion: 91 Resp: 133432
Ion Ratio Lower Upper
91 100
106 110.9 35.7 53.5#



#60
o-Xylene
Concen: 0.247 ppbv
RT: 13.68 min Scan# 3389
Delta R.T. -0.01 min
Lab File: VL036845.D
Acq: 27 Apr 2021 3:20

Tgt Ion: 91 Resp: 105398
Ion Ratio Lower Upper
91 100
106 77.7 22.6 67.8#





#61

Stvrene

Concen: 0.130 ppbv

RT: 13.53

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 27 Apr 2021 3:20

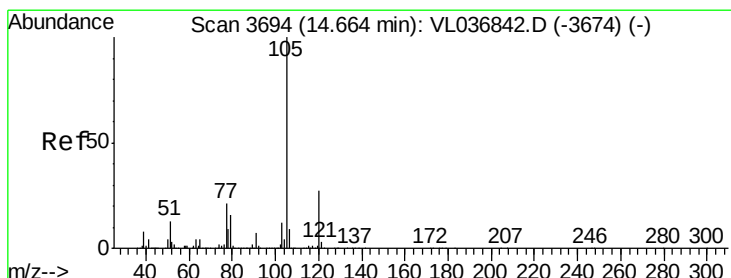
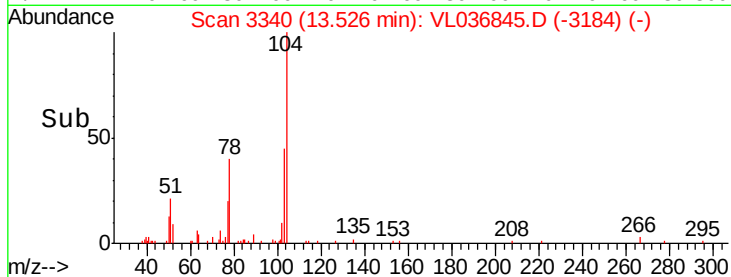
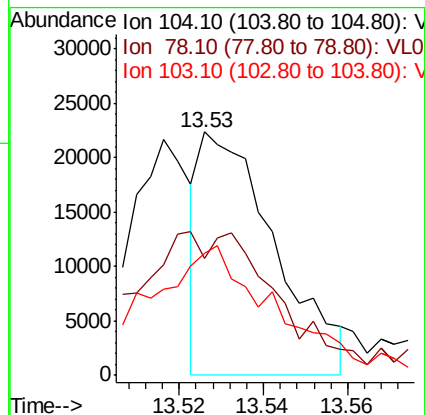
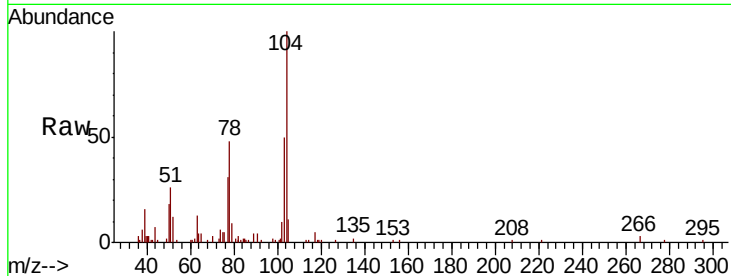
Tot Ion:104 Resp: 27706

Ion Ratio Lower Upper

104 100

78 121.6 42.6 64.0#

103 105.3 38.1 57.1#



#62

Isopropylbenzene

Concen: 0.440 ppbv

RT: 14.66 min Scan# 3694

Delta R.T. 0.00 min

Lab File: VL036845.D

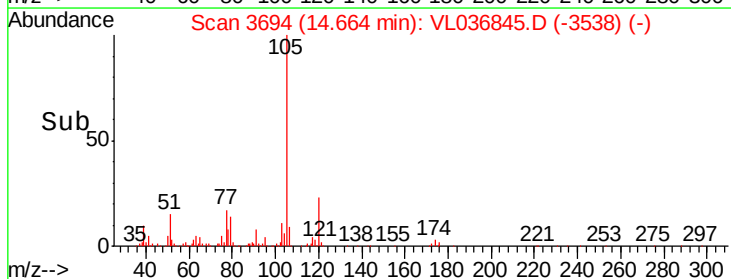
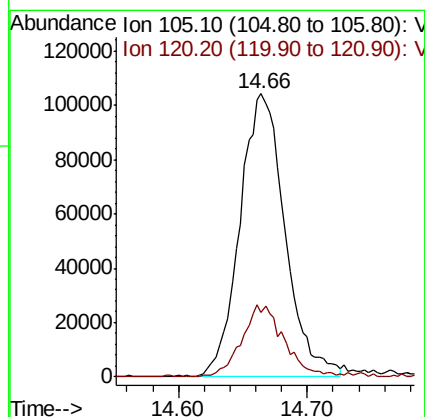
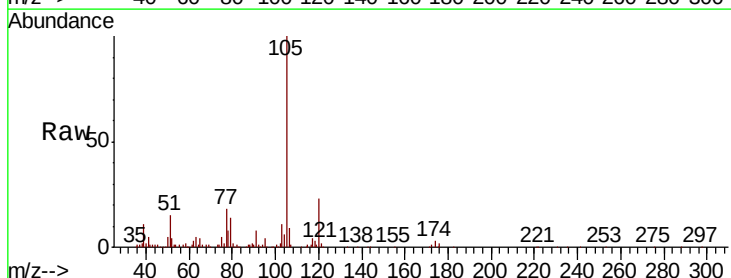
Acq: 27 Apr 2021 3:20

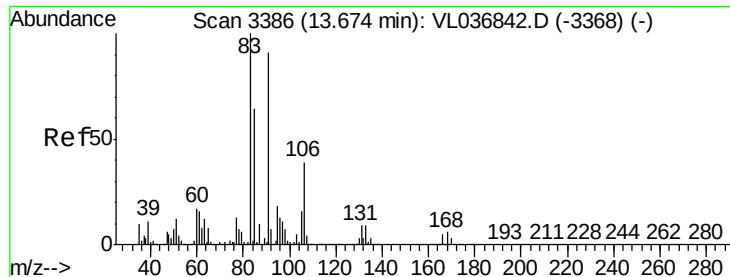
Tgt Ion:105 Resp: 252352

Ion Ratio Lower Upper

105 100

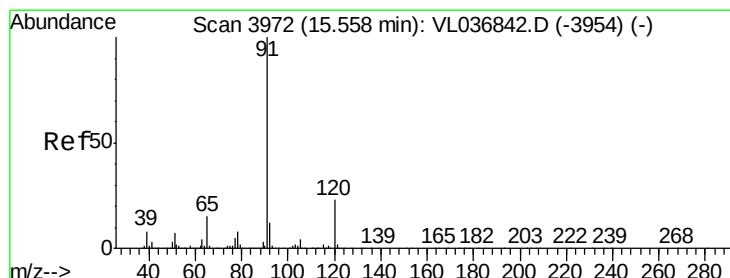
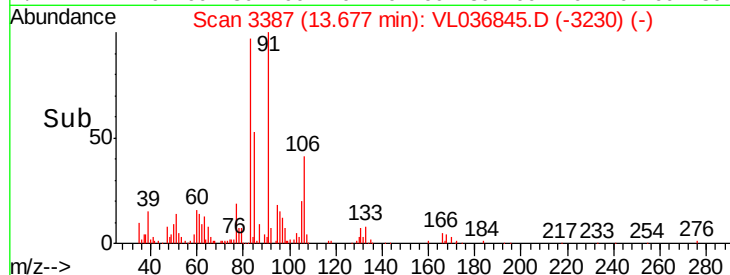
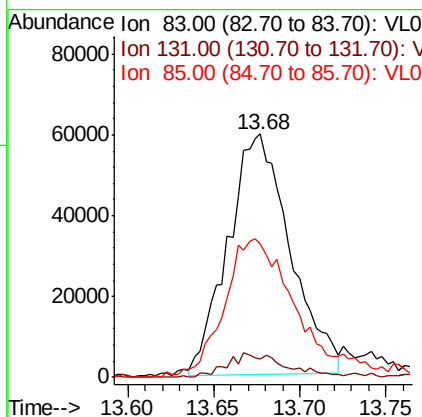
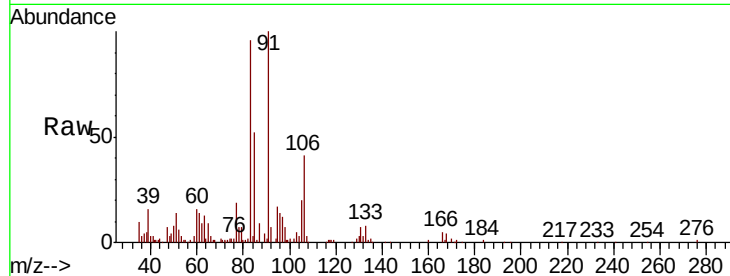
120 24.4 21.1 31.7





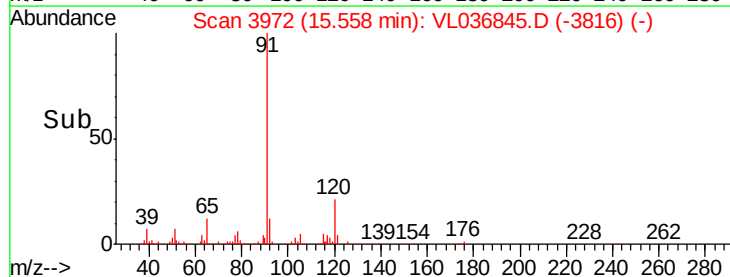
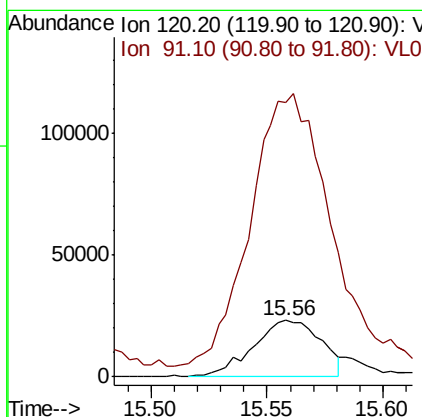
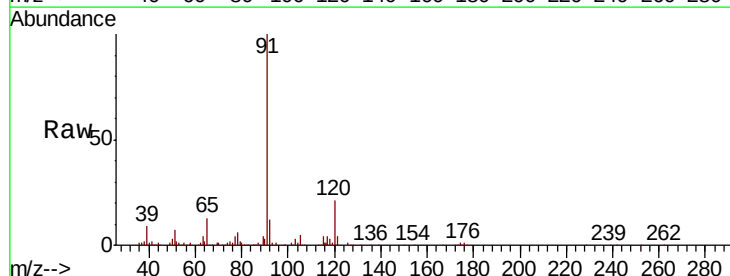
#63
 1,1,2,2-Tetrachloroethane
 Concen: 0.456 ppbv
 RT: 13.68 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 27 Apr 2021 3:20

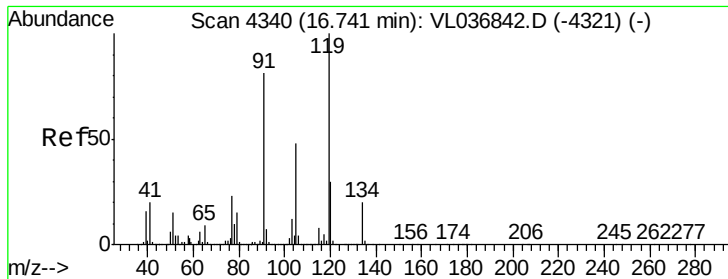
Tot Ion	83	Resp	149687
Ion Ratio	Lower	Upper	
83	100		
131	10.3	4.8	14.3
85	69.7	32.8	98.4



#64
 n-propylbenzene
 Concen: 0.336 ppbv
 RT: 15.56 min Scan# 3972
 Delta R.T. 0.00 min
 Lab File: VL036845.D
 Acq: 27 Apr 2021 3:20

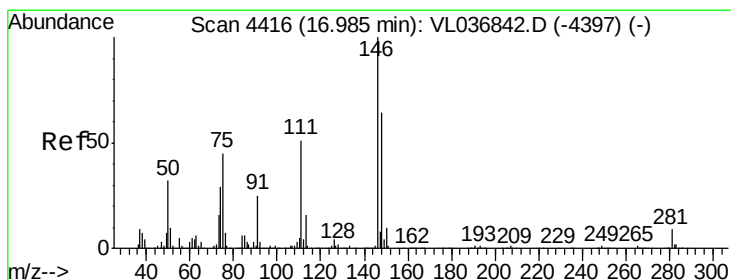
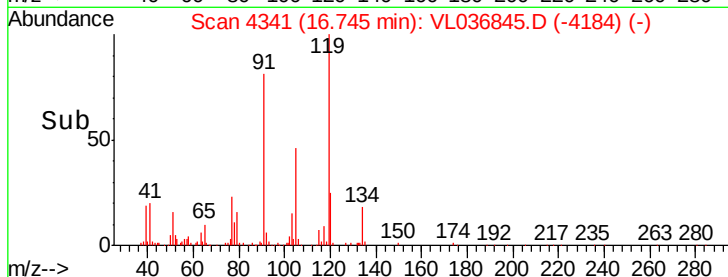
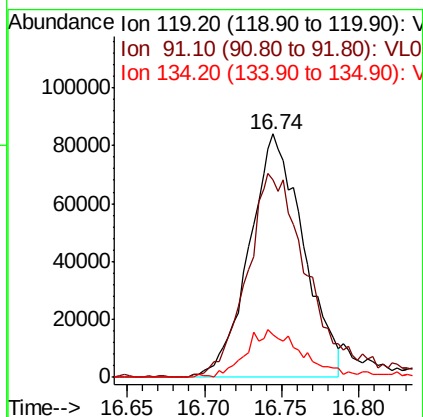
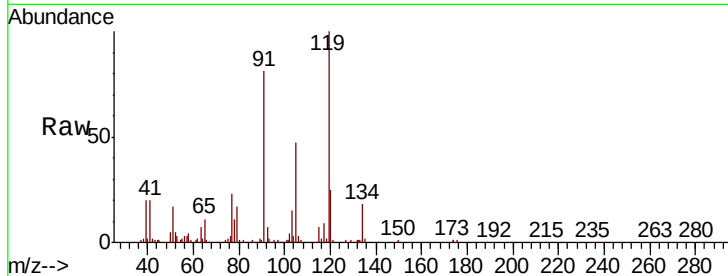
Tgt Ion	120	Resp	47244
Ion Ratio	Lower	Upper	
120	100		
91	670.3	378.6	567.8#





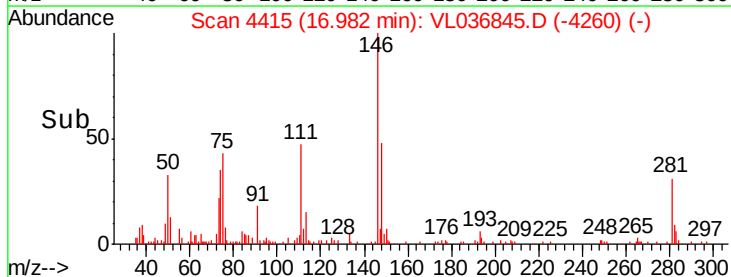
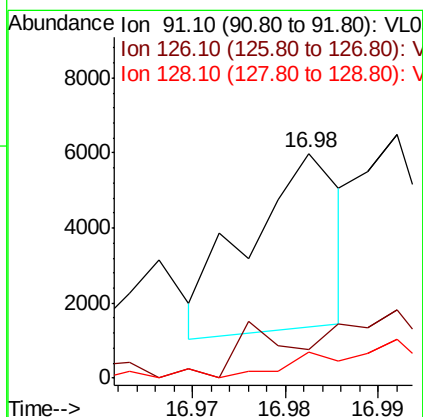
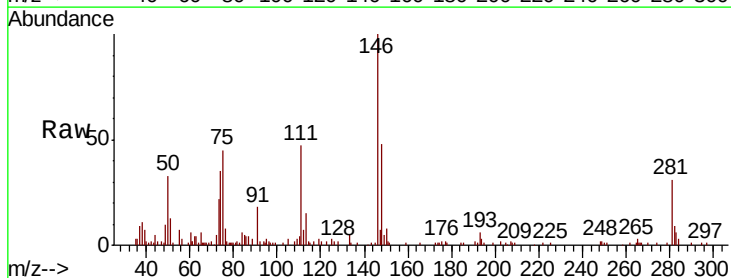
#65
 tert-Butylbenzene
 Concen: 0.404 ppbv
 RT: 16.74 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 27 Apr 2021 3:20

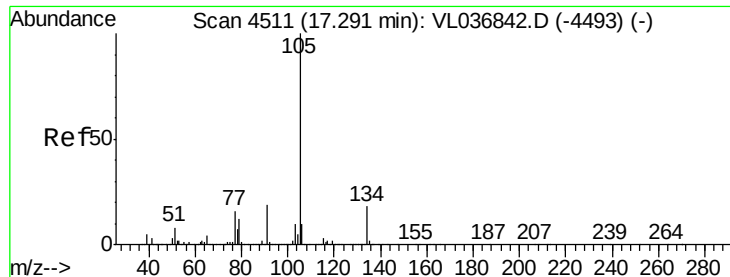
Tot Ion:	119	Resp:	202523
Ion	Ratio	Lower	Upper
119	100		
91	99.9	66.9	100.3
134	21.8	15.7	23.5



#66
 Benzyl Chloride
 Concen: 0.060 ppbv
 RT: 16.98 min Scan# 4415
 Delta R.T. -0.00 min
 Lab File: VL036845.D
 Acq: 27 Apr 2021 3:20

Tgt Ion:	91	Resp:	3222
Ion	Ratio	Lower	Upper
91	100		
126	0.0	14.1	21.1#
128	0.0	4.8	7.2#





#67

sec-Butylbenzene

Concen: 0.398 ppbv

RT: 17.29 min

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

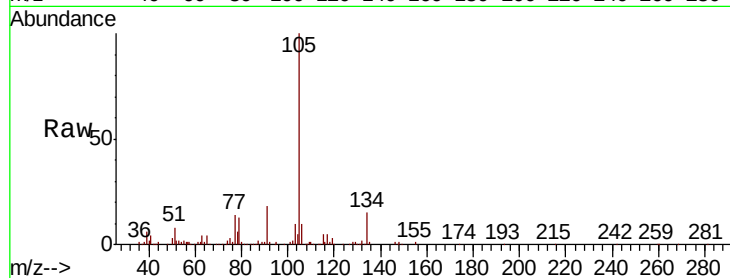
Acq: 27 Apr 2021 3:20

Tot Ion: 105 Resp: 281196

Ion Ratio Lower Upper

105 100

134 16.7 14.8 22.2



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 134.20 (133.90 to 134.90): V

17.29

120000

100000

80000

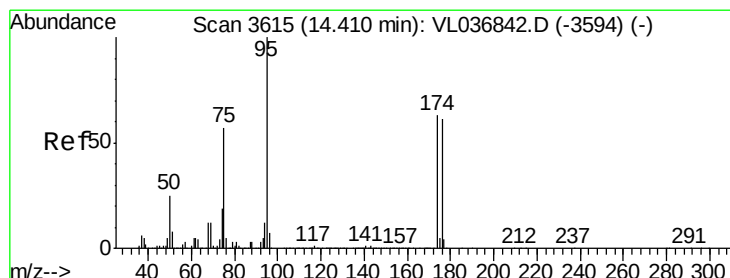
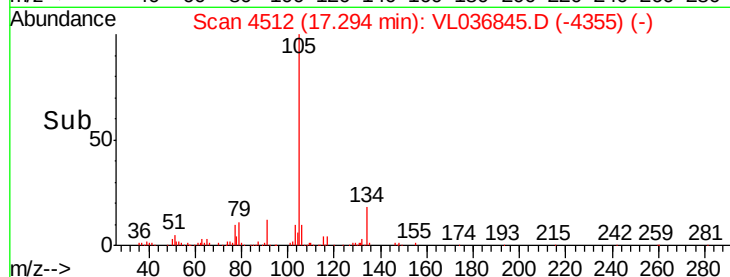
60000

40000

20000

0

Time-->



#68

1-Bromo-4-Fluorobenzene

Concen: 10.034 ppbv

RT: 14.41 min Scan# 3615

Delta R.T. 0.00 min

Lab File: VL036845.D

Acq: 27 Apr 2021 3:20

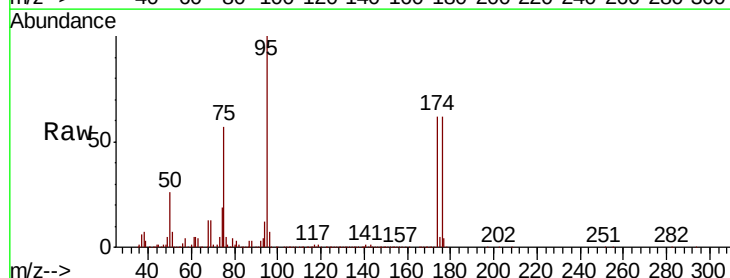
Tgt Ion: 95 Resp: 2813136

Ion Ratio Lower Upper

95 100

174 66.0 52.4 78.6

175 4.6 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

14.41

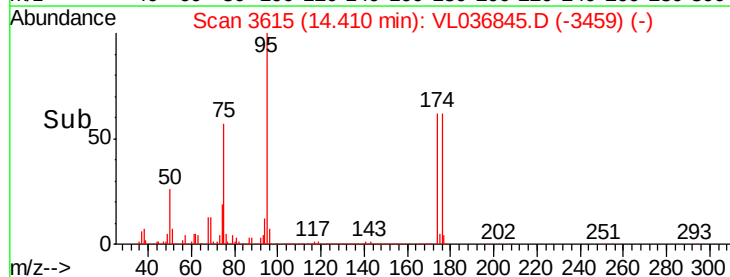
1500000

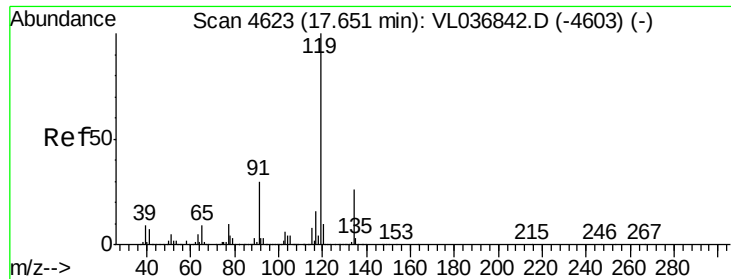
1000000

500000

0

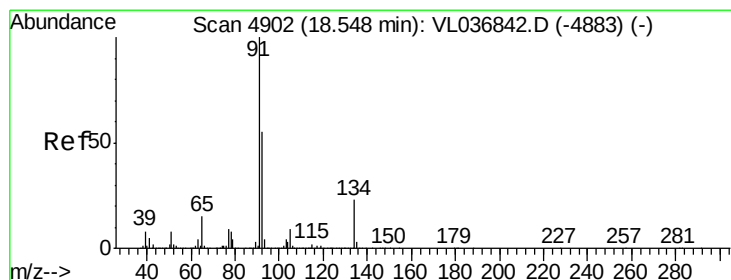
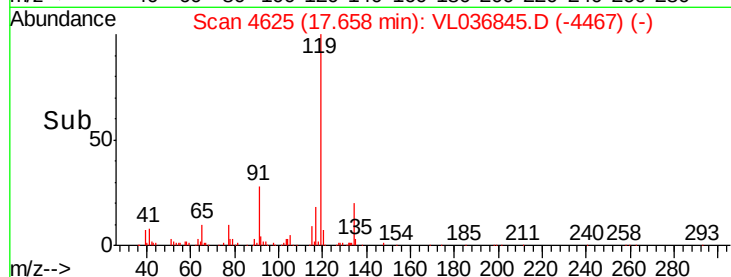
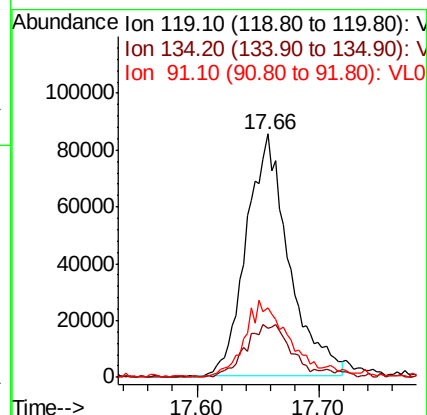
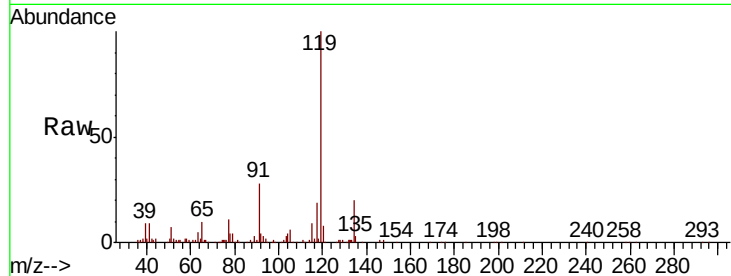
Time-->





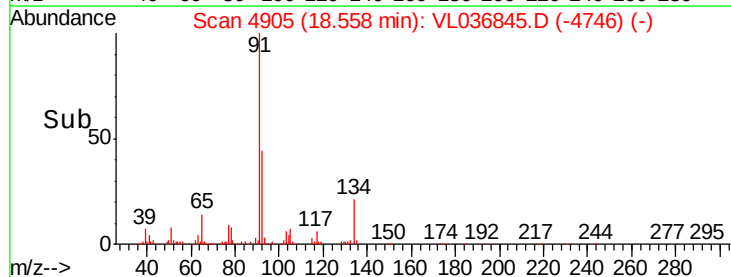
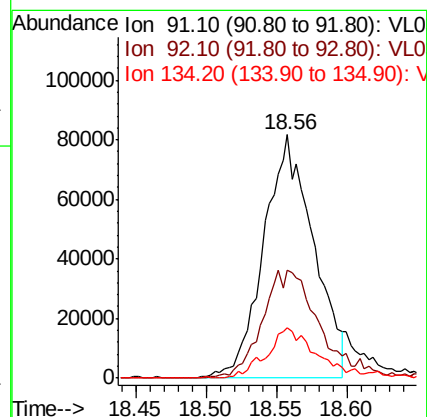
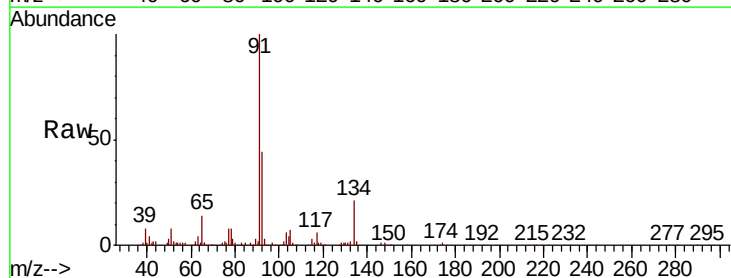
#69
 p-Isopropyltoluene
 Concen: 0.374 ppbv
 RT: 17.66 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 Acq: 27 Apr 2021 3:20

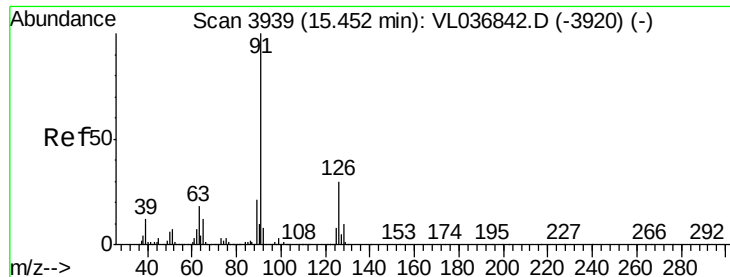
Tot Ion:	119	Resp:	206941
Ion	Ratio	Lower	Upper
119	100		
134	25.2	20.6	30.8
91	35.2	24.4	36.6



#70
 n-Butylbenzene
 Concen: 0.350 ppbv
 RT: 18.56 min Scan# 4905
 Delta R.T.: 0.01 min
 Lab File: VL036845.D
 Acq: 27 Apr 2021 3:20

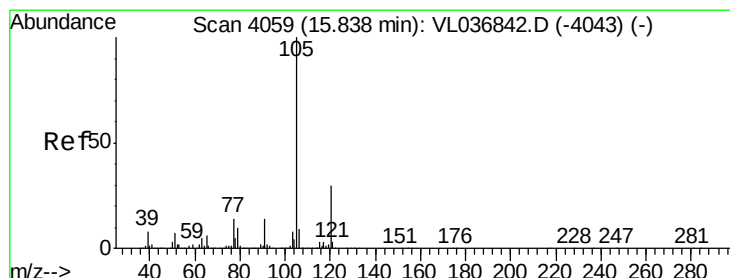
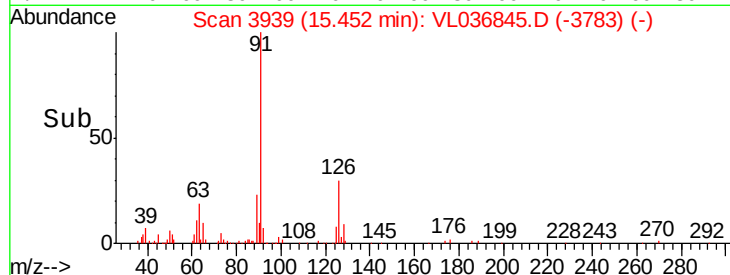
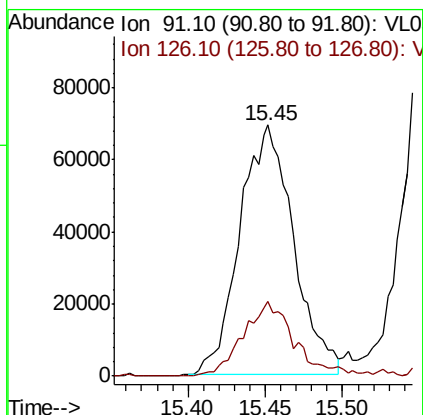
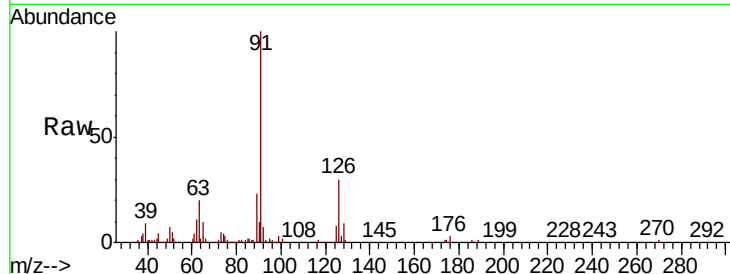
Tgt Ion:	91	Resp:	200597
Ion	Ratio	Lower	Upper
91	100		
92	51.5	43.6	65.4
134	22.4	18.2	27.4





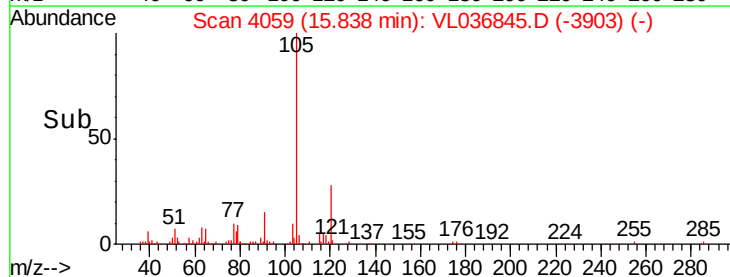
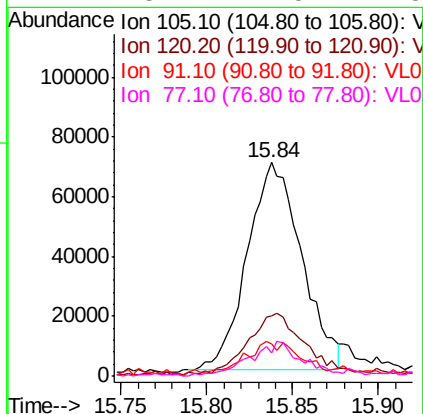
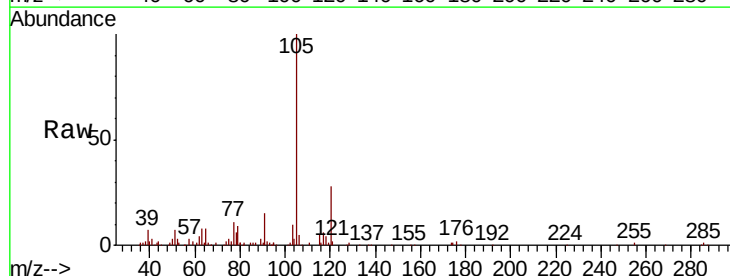
#71
 2-Chlorotoluene
 Concen: 0.388 ppbv
 RT: 15.45 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 Acq: 27 Apr 2021 3:20

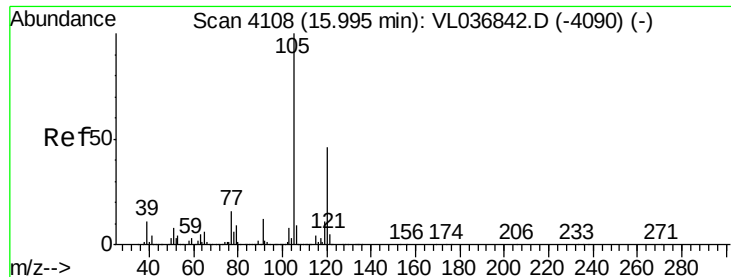
Tot Ion: 91 Resp: 167057
 Ion Ratio Lower Upper
 91 100
 126 28.7 12.3 49.3



#72
 4-Ethyltoluene
 Concen: 0.324 ppbv
 RT: 15.84 min Scan# 4059
 Delta R.T. 0.00 min
 Lab File: VL036845.D
 Acq: 27 Apr 2021 3:20

Tgt Ion:105 Resp: 152422
 Ion Ratio Lower Upper
 105 100
 120 34.8 23.8 35.6
 91 21.0 10.7 16.1#
 77 18.4 11.5 17.3#





#73

1,3,5-Trimethylbenzene

Concen: 0.194 ppbv

RT: 15.99 min

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

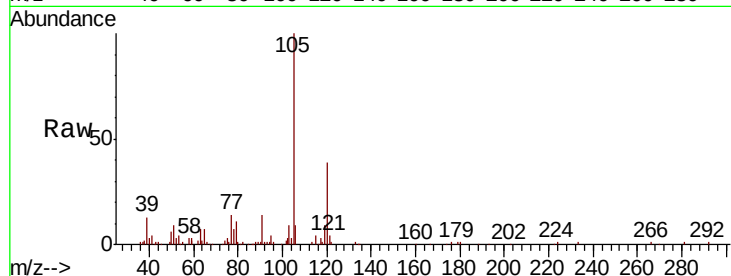
Acq: 27 Apr 2021 3:20

Tot Ion:105 Resp: 84917

Ion Ratio Lower Upper

105 100

120 37.7 36.8 55.2



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V

15.99

60000

40000

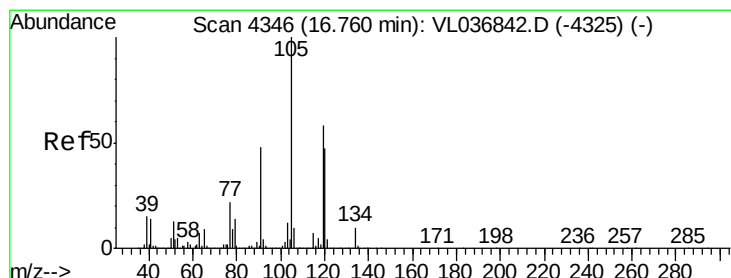
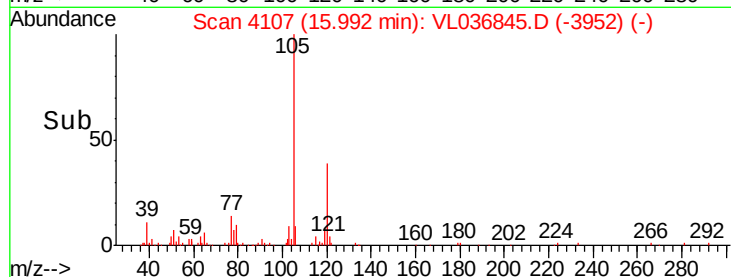
20000

0

15.95

16.00

Time-->



#74

1,2,4-Trimethylbenzene

Concen: 0.383 ppbv

RT: 16.76 min Scan# 4345

Delta R.T. -0.00 min

Lab File: VL036845.D

Acq: 27 Apr 2021 3:20

Tgt Ion:105 Resp: 180224

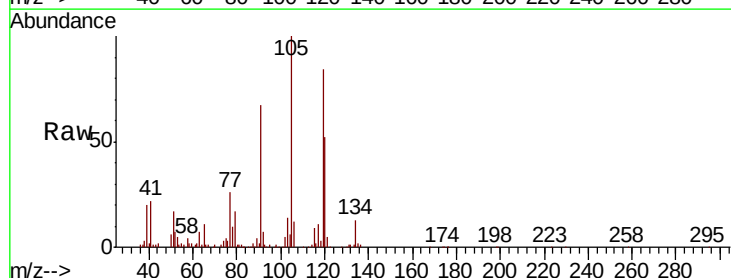
Ion Ratio Lower Upper

105 100

120 49.3 37.6 56.4

91 58.3 39.0 58.4

77 22.2 17.4 26.0



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V

Ion 91.10 (90.80 to 91.80): VL0

Ion 77.10 (76.80 to 77.80): VL0

120000

100000

80000

60000

40000

20000

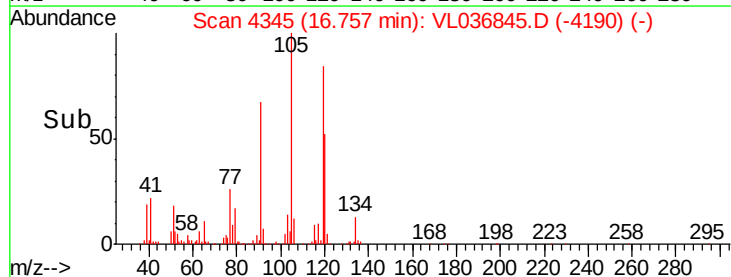
0

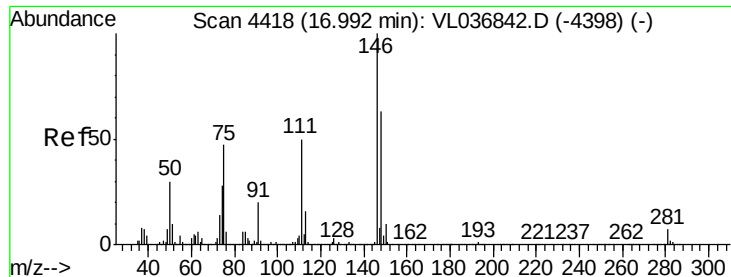
16.70

16.75

16.80

Time-->





#75

1,3-Dichlorobenzene

Concen: 0.268 ppbv

RT: 16.99

Delta R.T. MSVOA_L

Lab File:

Acq: 27 Apr 2021 3:20

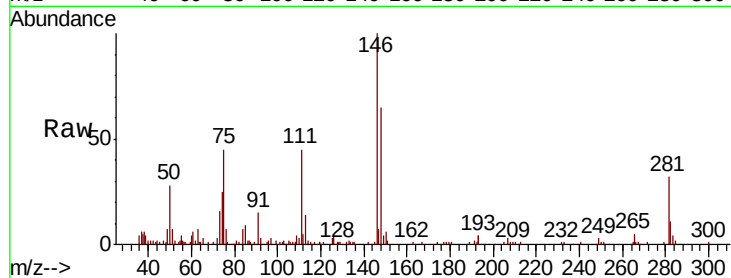
Tot Ion:146 Resp: 71239

Ion Ratio Lower Upper

146 100

111 82.4 24.2 72.6#

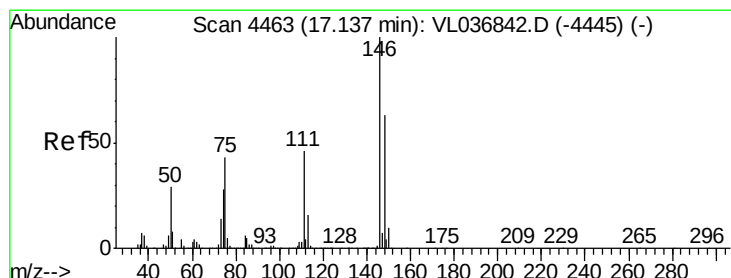
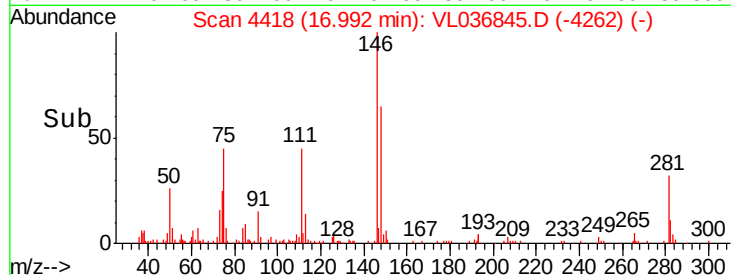
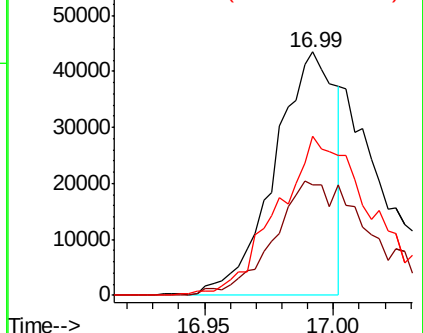
148 112.8 32.1 96.3#



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: 0.331 ppbv

RT: 17.14 min Scan# 4463

Delta R.T. 0.00 min

Lab File: VL036845.D

Acq: 27 Apr 2021 3:20

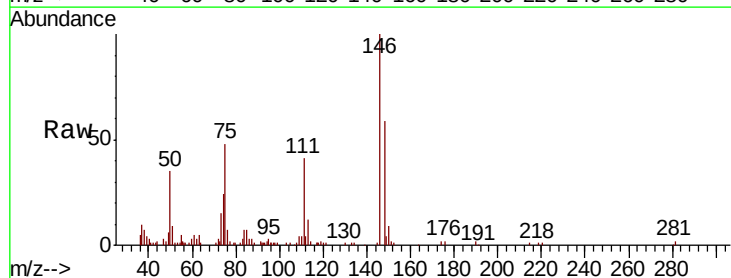
Tgt Ion:146 Resp: 87235

Ion Ratio Lower Upper

146 100

111 67.9 24.0 72.0

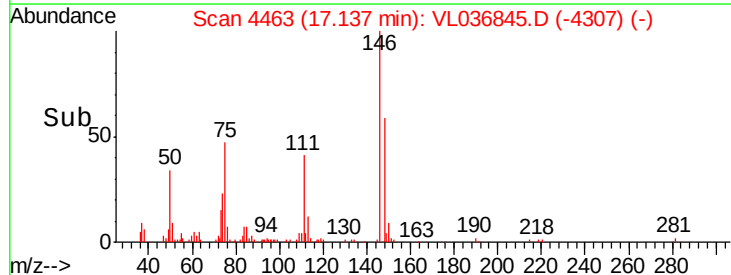
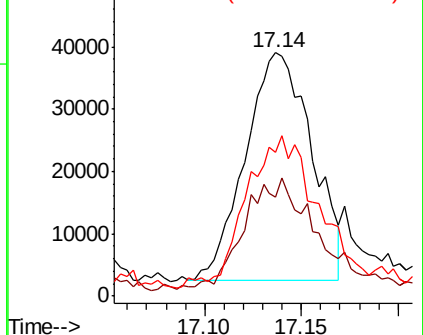
148 90.5 32.8 98.3

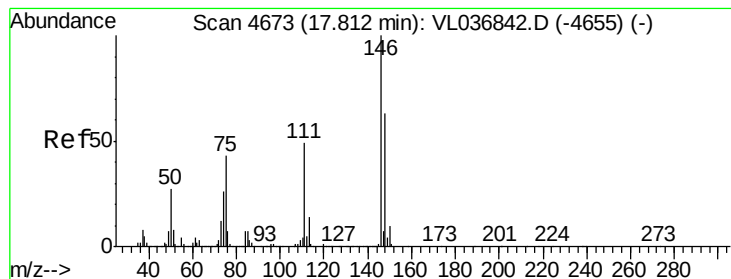


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.10 (110.80 to 111.80): V

Ion 148.00 (147.70 to 148.70): V





#77

1,2-Dichlorobenzene

Concen: 0.416 ppbv

RT: 17.82 min

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 27 Apr 2021 3:20

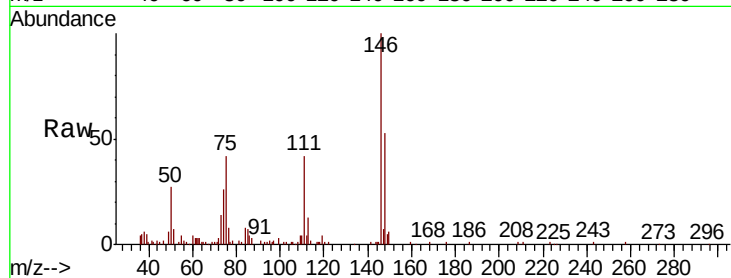
Tot Ion:146 Resp: 104188

Ion Ratio Lower Upper

146 100

111 59.0 25.1 75.2

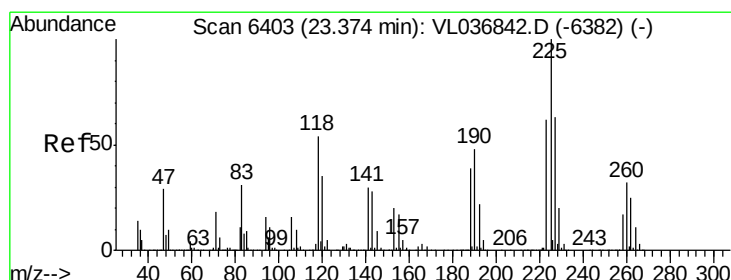
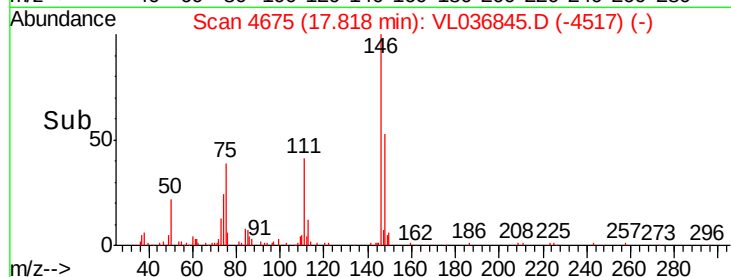
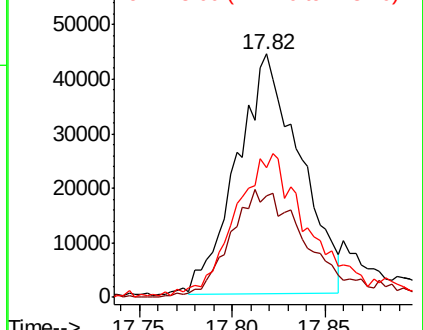
148 73.6 32.0 96.2



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.10 (110.80 to 111.80): V

Ion 148.00 (147.70 to 148.70): V



#78

Hexachloro-1,3-Butadiene

Concen: 0.496 ppbv

RT: 23.37 min Scan# 6403

Delta R.T. 0.00 min

Lab File: VL036845.D

Acq: 27 Apr 2021 3:20

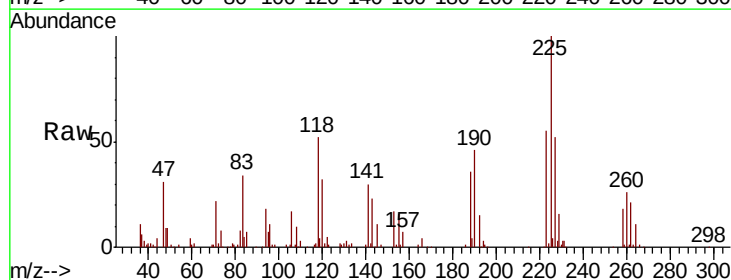
Tgt Ion:225 Resp: 111117

Ion Ratio Lower Upper

225 100

223 68.2 51.0 76.6

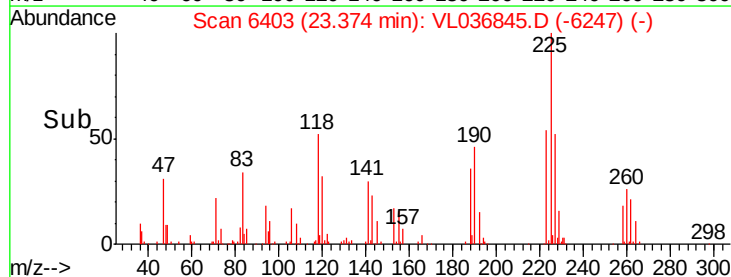
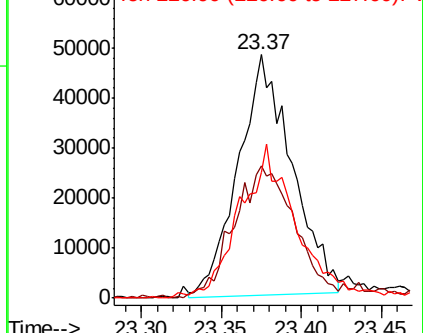
227 68.5 51.9 77.9

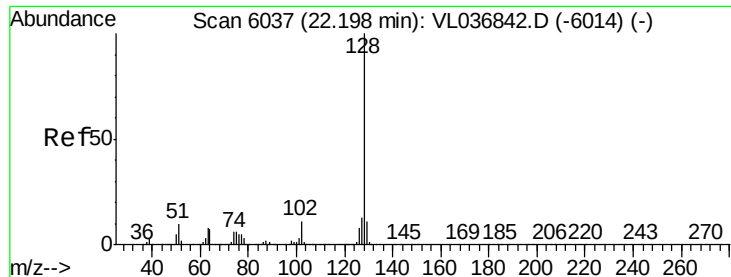


Abundance Ion 224.90 (224.60 to 225.60): V

Ion 222.90 (222.60 to 223.60): V

Ion 226.90 (226.60 to 227.60): V





#79

Naphthalene

Concen: 0.097 ppbv

RT: 22.21

Delta R.T. MSVOA_L

Lab File:

Acq: 27 Apr 2021 3:20

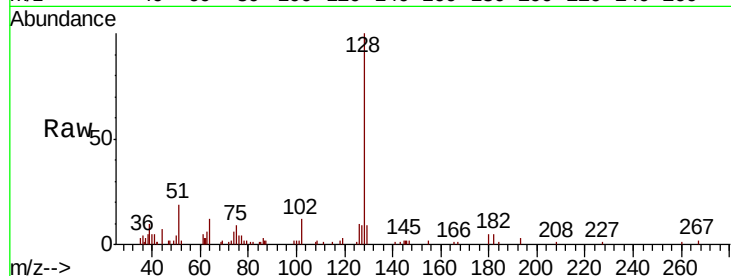
Tot Ion:128 Resp: 26148

Ion Ratio Lower Upper

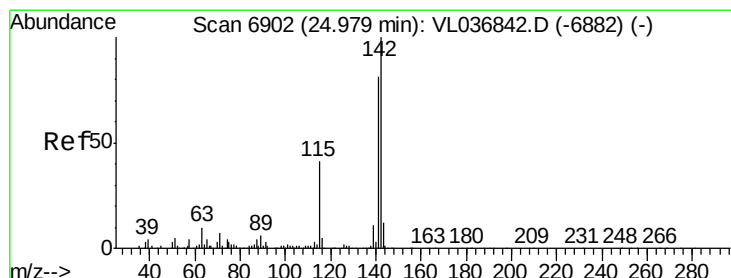
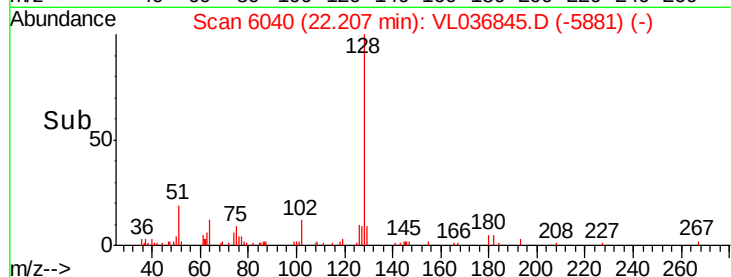
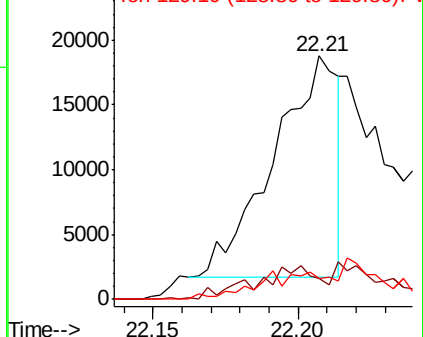
128 100

127 8.8 10.6 15.8#

129 9.5 9.0 13.4



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



#80

Naphthalene, 2-methyl-

Concen: 0.070 ppbv

RT: 25.12 min Scan# 6945

Delta R.T. 0.14 min

Lab File: VL036845.D

Acq: 27 Apr 2021 3:20

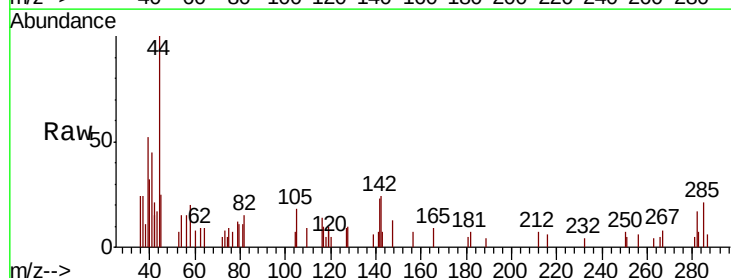
Tgt Ion:142 Resp: 3202

Ion Ratio Lower Upper

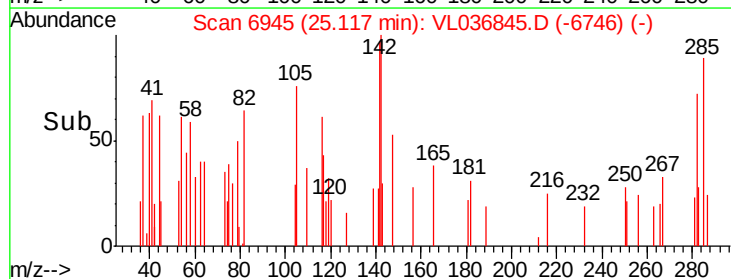
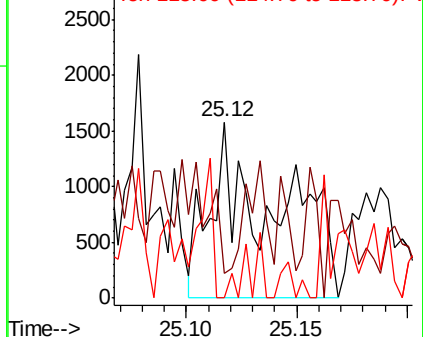
142 100

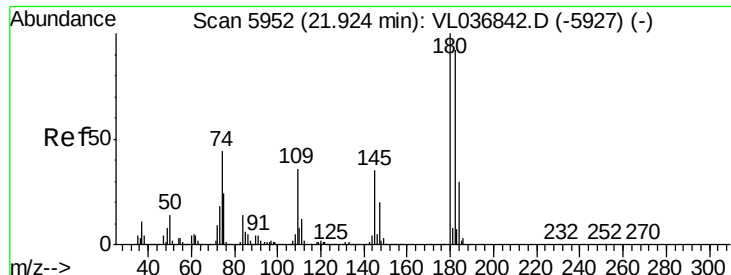
141 98.3 67.8 101.8

115 37.9 32.1 48.1



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





#81
 1,2,4-Trichlorobenzene
 Concen: 0.047 ppbv
 RT: 21.91
 Delta R.T: MSVOA_L
 Lab File: ClientSampleId :
 Acq: 27 Apr 2021 3:20

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

