

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL030322\
 Data File : VL038510.D
 Acq On : 3 Mar 2022 12:11
 Operator : SY/AP
 Sample : VL0303ABS01
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA L
 ClientSampleId :
 VL0303ABS01

Quant Time: Mar 04 04:32:37 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL022222AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue Feb 22 19:45:51 2022
 QLast Update : Tue Feb 22 19:45:51 2022
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	830449	10.00	ppbv	0.01
33) 1,4-Difluorobenzene	7.17	114	1981486	10.00	ppbv	0.02
55) Chlorobenzene-d5	12.07	117	2333573	10.00	ppbv	0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.40	95	1634665	8.47	ppbv	0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	84.70%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	3.05	85	1068246	8.121	ppbv 98
3) Chlorodifluoromethane	2.99	51	1505698	10.268	ppbv 99
4) Chloromethane	3.14	50	524036	10.285	ppbv 97
5) Vinyl Chloride	3.26	62	519179	9.747	ppbv 98
6) Bromomethane	3.47	94	296467	10.552	ppbv 98
7) Chloroethane	3.56	64	186073	10.876	ppbv 95
8) Dichlorotetrafluoroethane	3.19	85	1268726	10.370	ppbv 99
9) Propene	3.01	41	483523	9.987	ppbv 98
10) Heptane	8.11	43	1264001	10.725	ppbv 99
11) Trichlorofluoromethane	3.95	101	1312378	10.421	ppbv 97
12) 1,1,2-Trichlorotrifluoroet	4.48	101	951925	10.310	ppbv 99
13) Ethanol	3.60	45	44803	9.272	ppbv 96
14) Bromoethene	3.74	108	380777	10.352	ppbv 100
15) Acetone	3.85	43	649046	9.190	ppbv 99
16) 1,3-Butadiene	3.33	39	485247	10.287	ppbv 95
17) tert-Butyl alcohol	4.28	59	768838	10.912	ppbv 100
18) 1,1-Dichloroethene	4.29	96	413850	10.210	ppbv 99
19) Isopropyl Alcohol	3.96	45	420760	10.289	ppbv # 97
20) Methylene Chloride	4.34	84	324043	9.261	ppbv 95
21) Allyl Chloride	4.41	41	626074	10.496	ppbv 99
22) trans-1,2-Dichloroethene	4.88	96	436873	10.682	ppbv 96
23) Vinyl Acetate	5.07	43	999268	10.677	ppbv 99
24) 1,1-Dichloroethane	5.01	63	888530	10.560	ppbv 99
25) Ethyl Acetate	5.67	43	1983720	10.455	ppbv 100
26) Hexane	5.68	57	902843	10.508	ppbv 98
27) Carbon Disulfide	4.55	76	1054682	11.035	ppbv 99
28) Methyl tert-Butyl Ether	5.02	73	906764	10.361	ppbv 99
29) Chloroform	5.74	83	1494038	10.654	ppbv 99
30) Cyclohexane	7.12	84	760237	10.819	ppbv 97
31) cis-1,2-Dichloroethene	5.54	61	905307	10.875	ppbv 96
32) 1,1,1-Trichloroethane	6.50	97	1492733	10.585	ppbv 100
34) 2-Butanone	5.23	43	683795	10.972	ppbv 100
35) Carbon Tetrachloride	7.01	117	1542291	11.069	ppbv 99
36) Benzene	6.88	78	1855667	10.638	ppbv 99
37) 1,2-Dichloroethane	6.30	62	1125417	11.165	ppbv 99
38) Trichloroethene	7.83	130	650529	10.238	ppbv 99
39) 1,2-Dichloropropane	7.60	63	734871	10.577	ppbv 95
40) 1,4-Dioxane	7.82	88	172461	10.465	ppbv # 1
41) Tetrahydrofuran	6.04	42	447336	10.624	ppbv 99
42) Bromodichloromethane	7.78	83	1602504	11.009	ppbv 100
43) Methyl Methacrylate	8.01	69	683434	11.270	ppbv 100

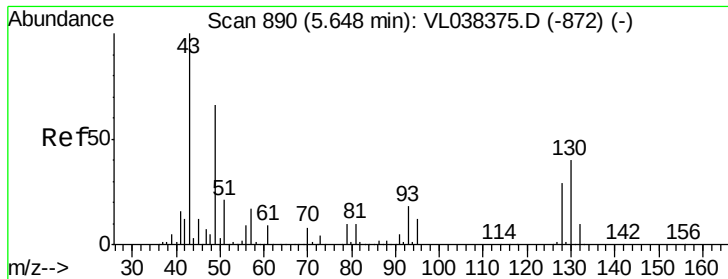
Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL030322\
 Data File : VL038510.D
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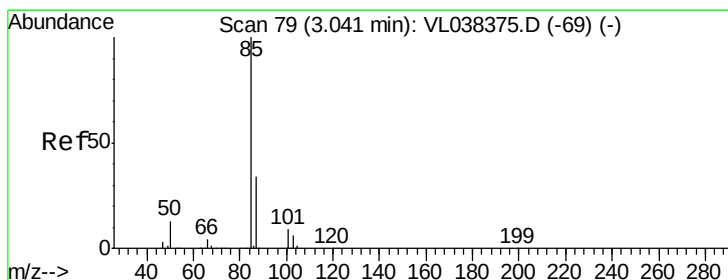
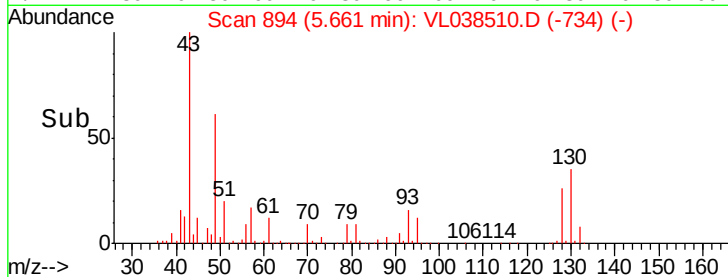
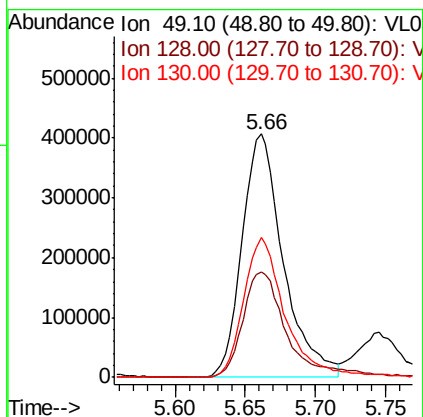
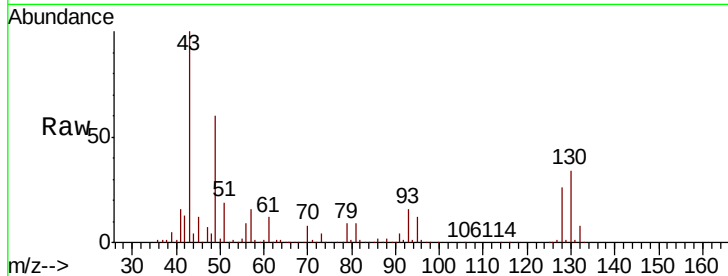
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,2,4-Trimethylpentane	7.86	57	3212505	10.715	ppbv	99
45) t-1,3-Dichloropropene	9.27	75	558115	11.516	ppbv	99
46) cis-1,3-Dichloropropene	8.69	75	714440	11.248	ppbv	97
47) 1,1,2-Trichloroethane	9.46	97	724449	10.480	ppbv	97
48) Dibromochloromethane	10.29	129	1209210	10.698	ppbv	99
49) Bromoform	13.03	173	811752	9.730	ppbv	98
50) 4-Methyl-2-Pentanone	8.74	43	1272627	11.550	ppbv	99
51) 2-Hexanone	10.13	43	549835	11.146	ppbv #	99
52) Tetrachloroethene	11.21	164	552961	9.549	ppbv	96
53) Toluene	9.80	91	2039550	10.769	ppbv	100
54) 1,2-Dibromoethane	10.60	107	1037599	10.663	ppbv	97
56) 1,1,1,2-Tetrachloroethane	12.12	131	796730	8.191	ppbv	96
57) Chlorobenzene	12.14	112	1372380	7.622	ppbv	98
58) Ethyl Benzene	12.70	91	2622611	8.219	ppbv	97
59) m/p-Xylene	12.99	91	2231878	8.144	ppbv #	36
60) o-Xylene	13.68	91	2054434	7.930	ppbv	100
61) Styrene	13.52	104	983818	8.233	ppbv	97
62) Isopropylbenzene	14.66	105	2647057	7.613	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.66	83	1383840	6.574	ppbv	100
64) n-propylbenzene	15.55	120	644038	7.481	ppbv	89
65) tert-Butylbenzene	16.73	119	2172192	7.213	ppbv	98
66) Benzyl Chloride	16.98	91	50456	3.100	ppbv #	68
67) sec-Butylbenzene	17.28	105	3044230	7.134	ppbv	99
69) p-Isopropyltoluene	17.64	119	2418402	7.215	ppbv	98
70) n-Butylbenzene	18.54	91	2583814	7.449	ppbv	99
71) 2-Chlorotoluene	15.44	91	1955481	7.314	ppbv	100
72) 4-Ethyltoluene	15.82	105	2183726	7.650	ppbv	99
73) 1,3,5-Trimethylbenzene	15.99	105	1895401	7.312	ppbv	97
74) 1,2,4-Trimethylbenzene	16.75	105	1990023	7.271	ppbv	99
75) 1,3-Dichlorobenzene	16.98	146	1049575	6.847	ppbv	99
76) 1,4-Dichlorobenzene	17.12	146	982257	6.498	ppbv	98
77) 1,2-Dichlorobenzene	17.80	146	978599	6.632	ppbv	99
78) Hexachloro-1,3-Butadiene	23.36	225	788785	7.010	ppbv	99
79) Naphthalene	22.18	128	1474659	9.945	ppbv	98
80) Naphthalene, 2-methyl-	24.96	142	213233	7.358	ppbv	97
81) 1,2,4-Trichlorobenzene	21.91	180	789162	8.802	ppbv	100

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



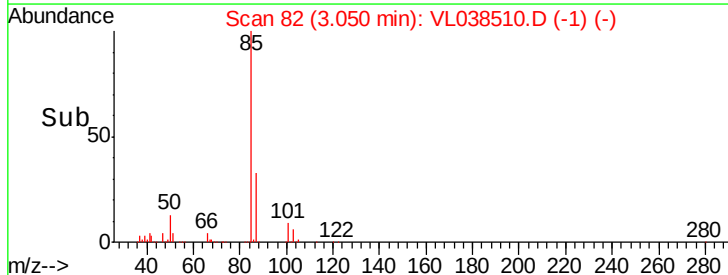
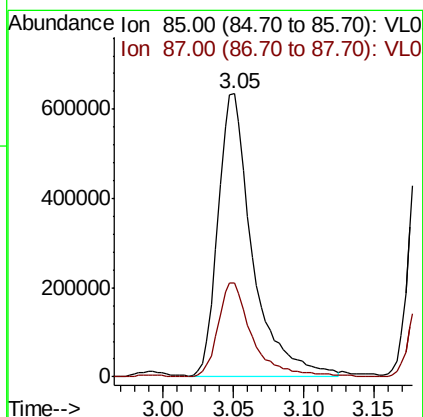
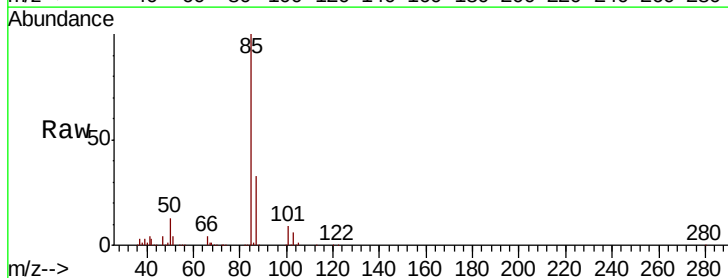
#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.66
 Instrument: MSVOA_1
 Delta R.T.:
 ClientSampleId:
 Lab File: VL0303ABS01
 Acq: 3 Mar 2022 12:11

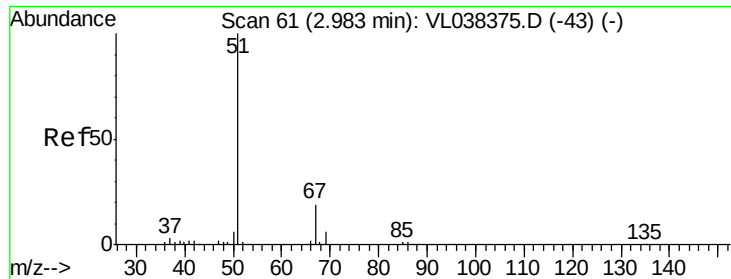
Tot Ion: 49 Resp: 830449
 Ion Ratio Lower Upper
 49 100
 128 47.5 24.3 72.9
 130 58.6 30.1 90.5



#2
 Dichlorodifluoromethane
 Concen: 8.121 ppbv
 RT: 3.05 min Scan# 82
 Delta R.T.: 0.01 min
 Lab File: VL038510.D
 Acq: 3 Mar 2022 12:11

Tgt Ion: 85 Resp: 1068246
 Ion Ratio Lower Upper
 85 100
 87 33.2 27.4 41.0





#3

Chlorodifluoromethane

Concen: 10.268 ppbv

RT: 2.99 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

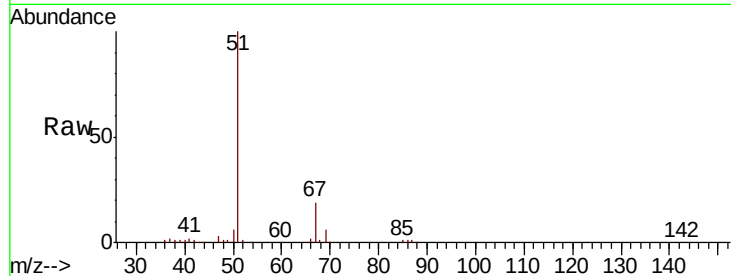
Acq: 3 Mar 2022 12:11 VL0303ABS01

Tot Ion: 51 Resp: 1505698

Ion Ratio Lower Upper

51 100

67 18.7 14.7 22.1



Abundance Ion 51.00 (50.70 to 51.70): VL0

Ion 67.00 (66.70 to 67.70): VL0

2.99

800000

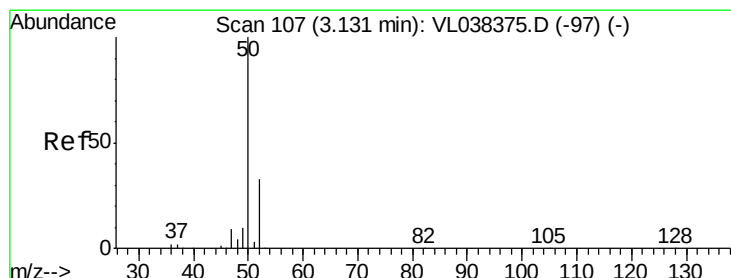
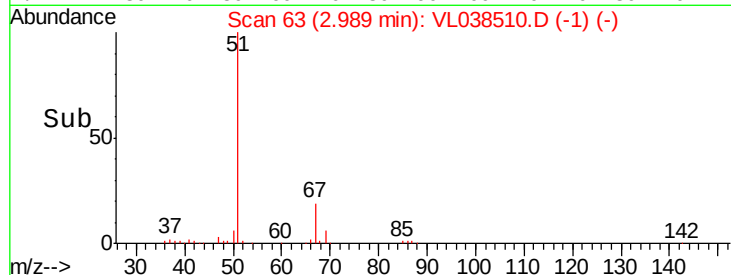
600000

400000

200000

0

Time-->



#4

Chloromethane

Concen: 10.285 ppbv

RT: 3.14 min Scan# 110

Delta R.T. 0.01 min

Lab File: VL038510.D

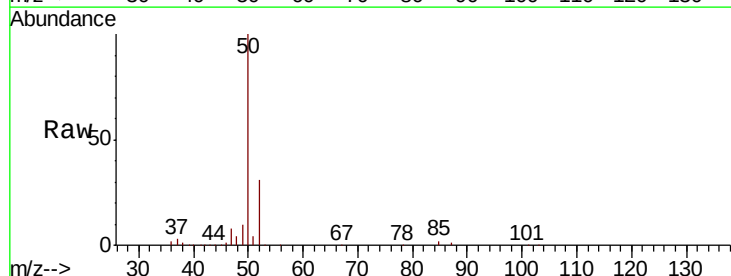
Acq: 3 Mar 2022 12:11

Tgt Ion: 50 Resp: 524036

Ion Ratio Lower Upper

50 100

52 31.5 26.5 39.7



Abundance Ion 50.10 (49.80 to 50.80): VL0

Ion 52.10 (51.80 to 52.80): VL0

3.14

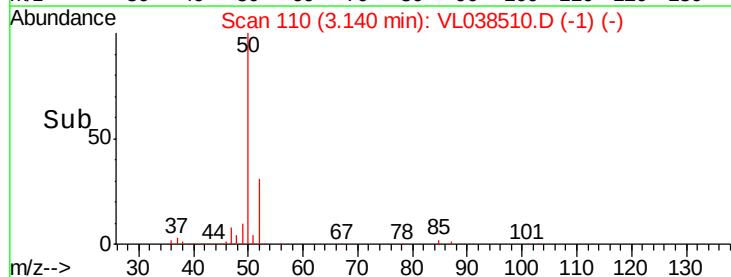
300000

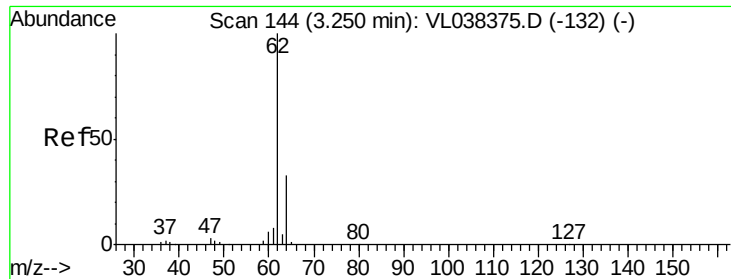
200000

100000

0

Time-->





#5

Vinyl Chloride

Concen: 9.747 ppbv

RT: 3.26 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

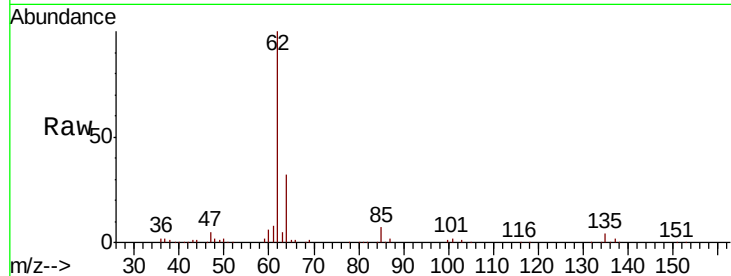
Acq: 3 Mar 2022 12:11 VL0303ABS01

Tot Ion: 62 Resp: 519179

Ion Ratio Lower Upper

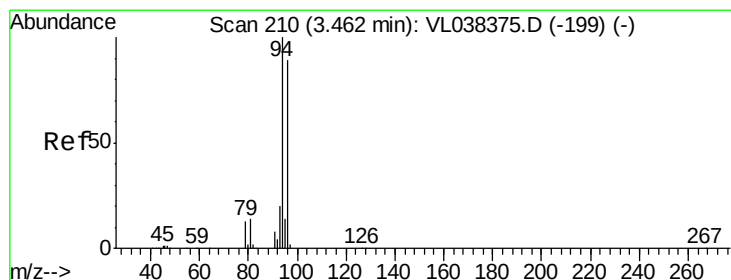
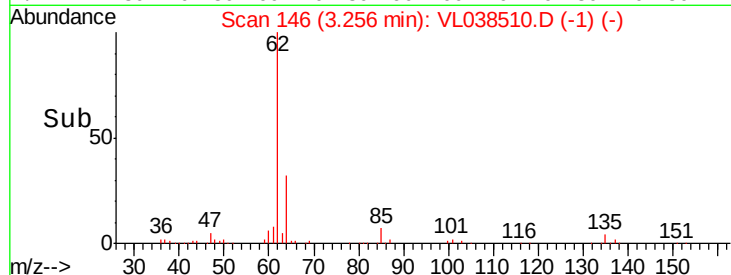
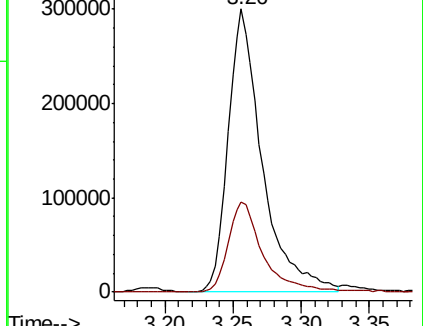
62 100

64 31.8 26.2 39.2



Abundance Ion 62.10 (61.80 to 62.80): VL0

Ion 64.10 (63.80 to 64.80): VL0



#6

Bromomethane

Concen: 10.552 ppbv

RT: 3.47 min Scan# 214

Delta R.T. 0.01 min

Lab File: VL038510.D

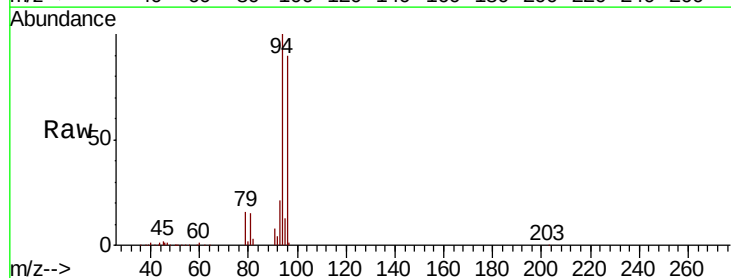
Acq: 3 Mar 2022 12:11

Tgt Ion: 94 Resp: 296467

Ion Ratio Lower Upper

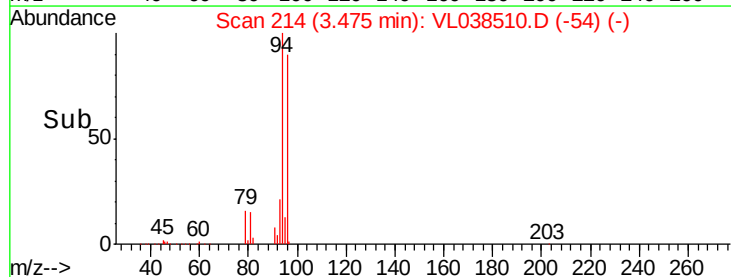
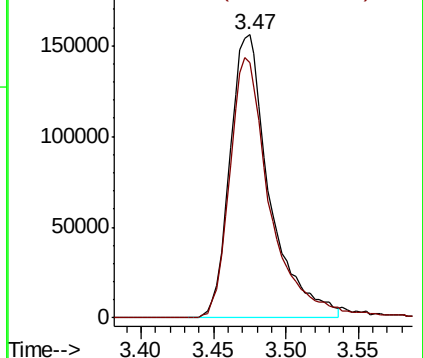
94 100

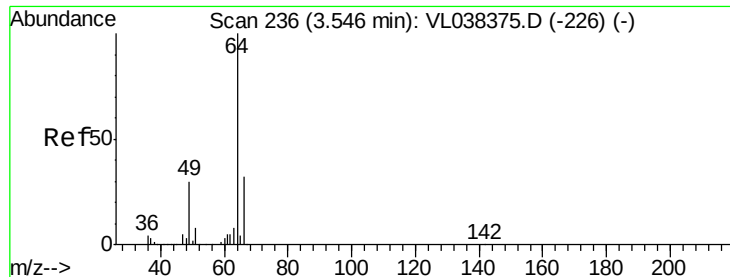
96 90.3 71.0 106.6



Abundance Ion 94.00 (93.70 to 94.70): VL0

Ion 96.00 (95.70 to 96.70): VL0





#7

Chloroethane

Concen: 10.876 ppbv

RT: 3.56 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: VL0303ABS01

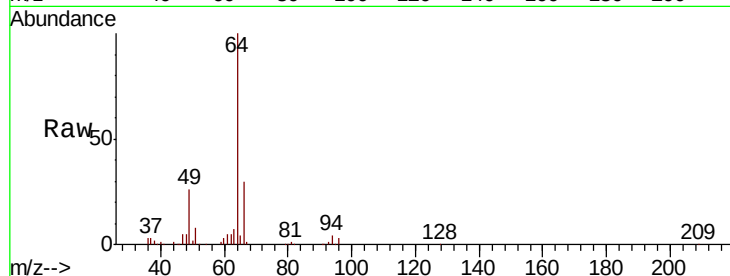
Acq: 3 Mar 2022 12:11

Tot Ion: 64 Resp: 186073

Ion Ratio Lower Upper

64 100

66 29.8 25.9 38.9



Abundance Ion 64.10 (63.80 to 64.80): VL0

Ion 66.10 (65.80 to 66.80): VL0

120000

100000

80000

60000

40000

20000

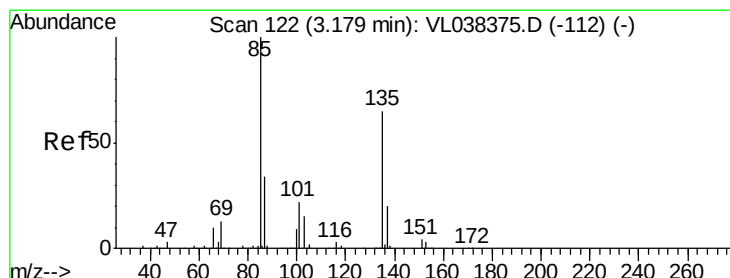
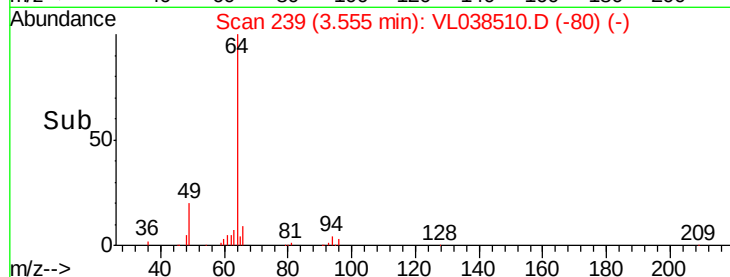
0

3.50

3.55

3.60

Time-->



#8

Dichlorotetrafluoroethane

Concen: 10.370 ppbv

RT: 3.19 min Scan# 124

Delta R.T. 0.01 min

Lab File: VL038510.D

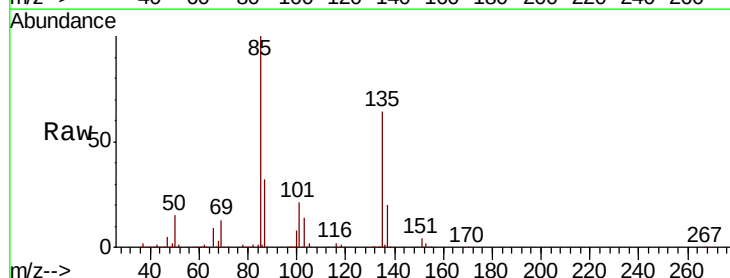
Acq: 3 Mar 2022 12:11

Tgt Ion: 85 Resp: 1268726

Ion Ratio Lower Upper

85 100

135 66.6 54.1 81.1



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 135.00 (134.70 to 135.70): V

800000

600000

400000

200000

0

3.10

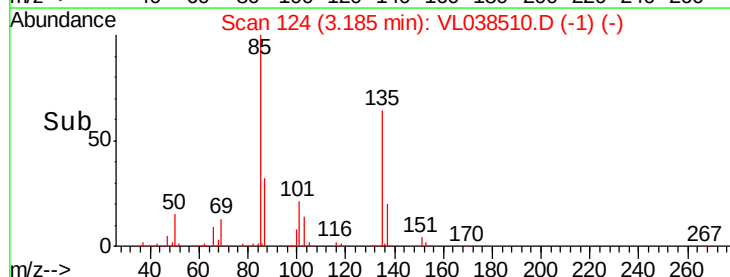
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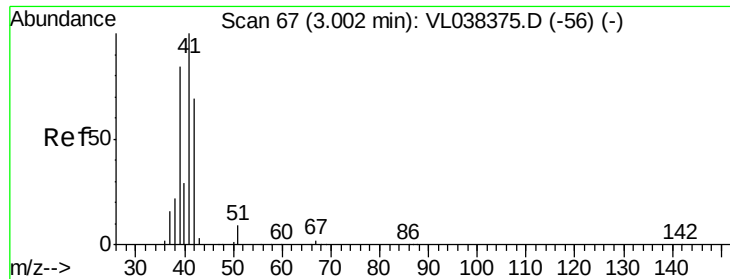
3.20

3.25

3.30

Time-->





#9

Propene

Concen: 9.987 ppbv

RT: 3.01 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: VL0303ABS01

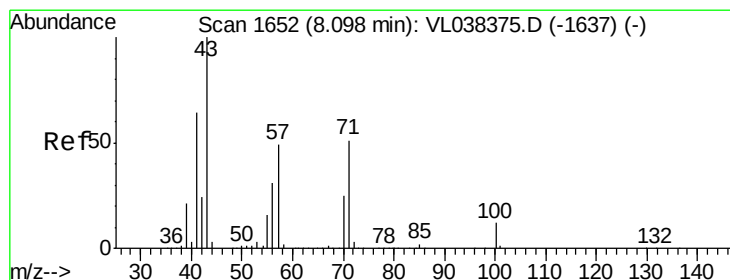
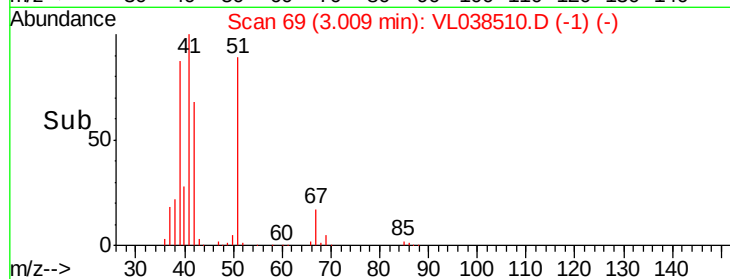
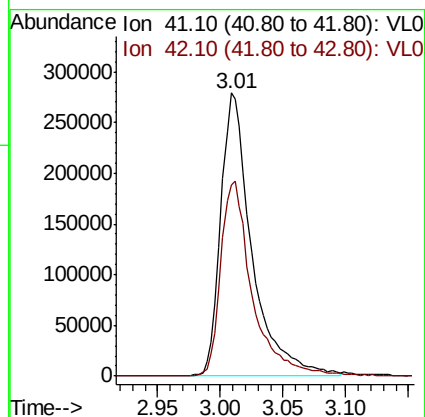
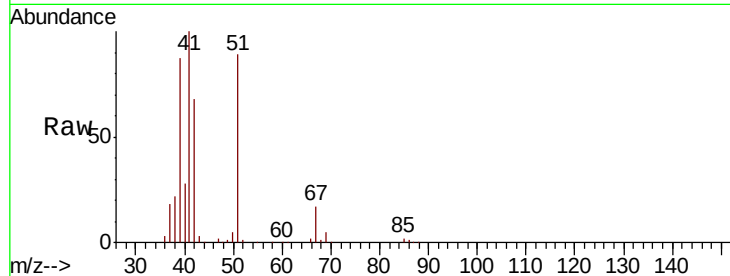
Acq: 3 Mar 2022 12:11

Tot Ion: 41 Resp: 483523

Ion Ratio Lower Upper

41 100

42 69.9 54.6 82.0



#10

Heptane

Concen: 10.725 ppbv

RT: 8.11 min Scan# 1657

Delta R.T. 0.02 min

Lab File: VL038510.D

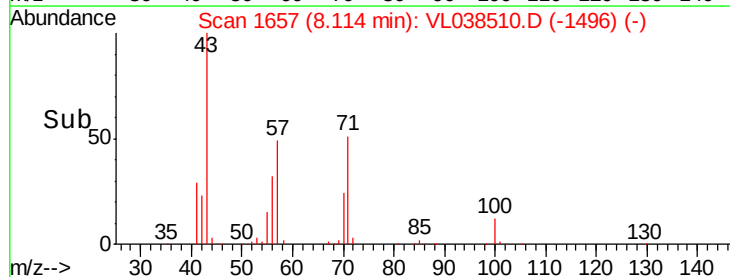
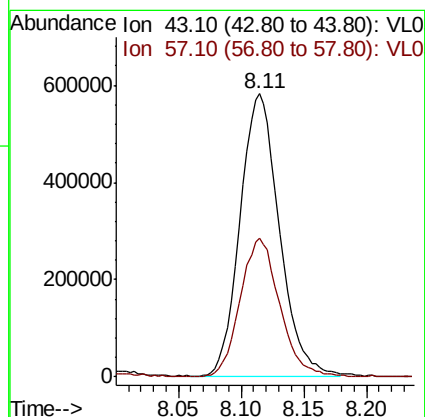
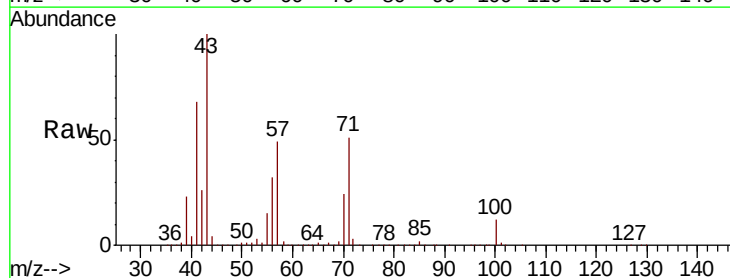
Acq: 3 Mar 2022 12:11

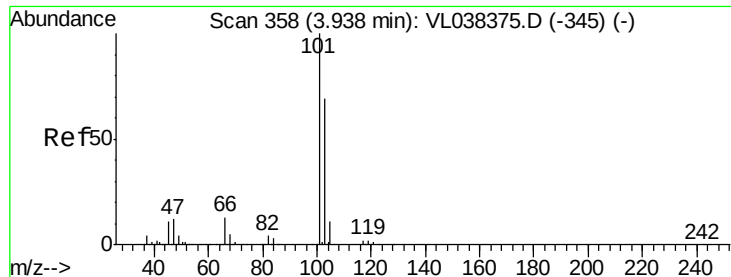
Tgt Ion: 43 Resp: 1264001

Ion Ratio Lower Upper

43 100

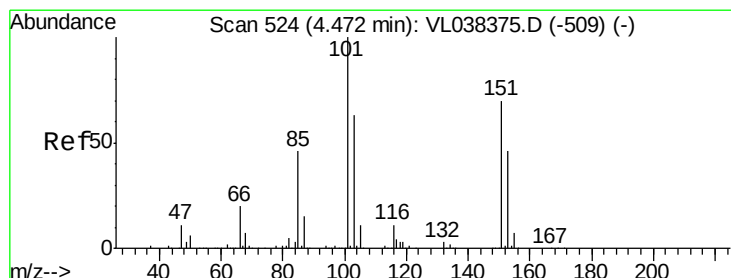
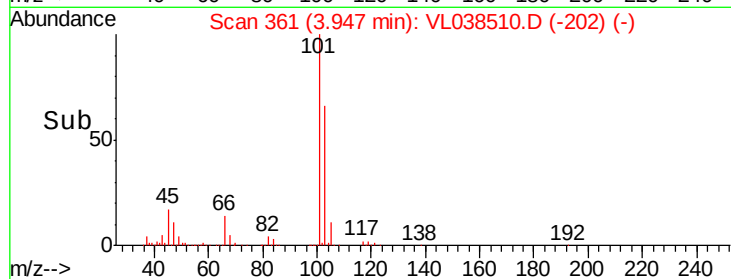
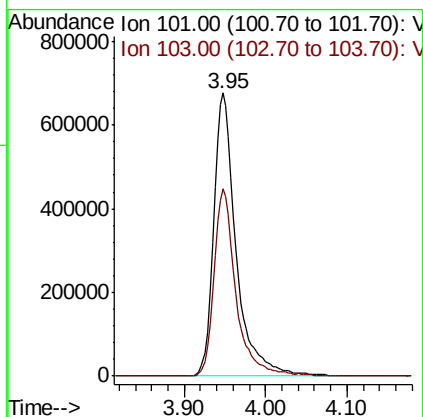
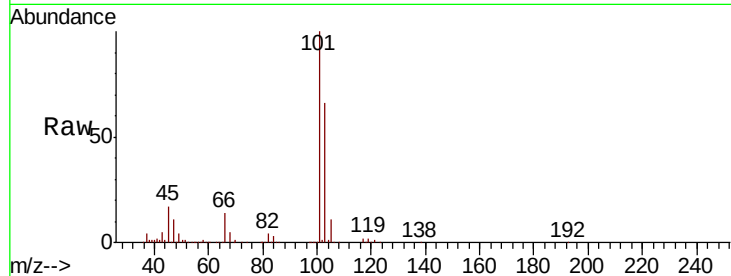
57 48.9 39.8 59.8





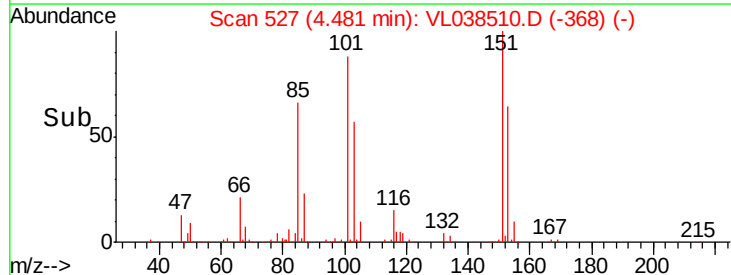
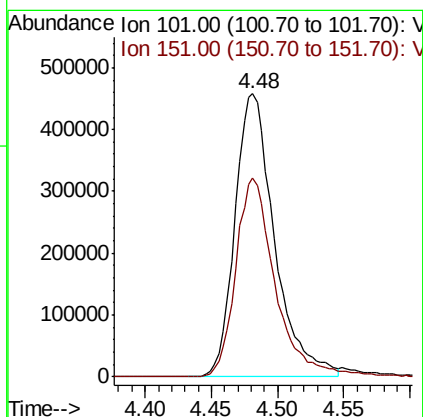
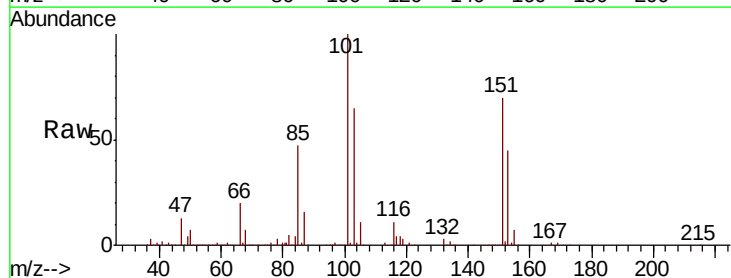
#11
 Trichlorofluoromethane
 Concen: 10.421 ppbv
 RT: 3.95
 Instrument: MSVOA_L
 Delta R.T.:
 Lab File: ClientSampleId:
 VL0303ABS01
 Acq: 3 Mar 2022 12:11

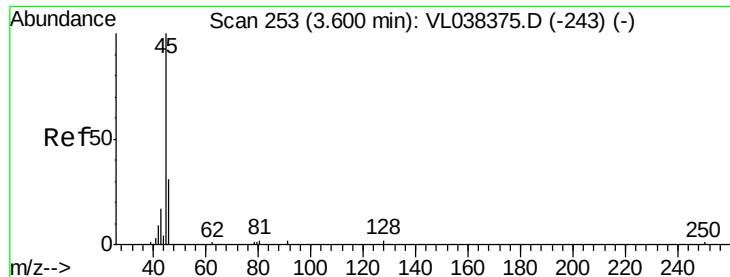
Tot Ion:101 Resp: 1312378
 Ion Ratio Lower Upper
 101 100
 103 66.2 55.0 82.4



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 10.310 ppbv
 RT: 4.48 min Scan# 527
 Delta R.T.: 0.01 min
 Lab File: VL038510.D
 Acq: 3 Mar 2022 12:11

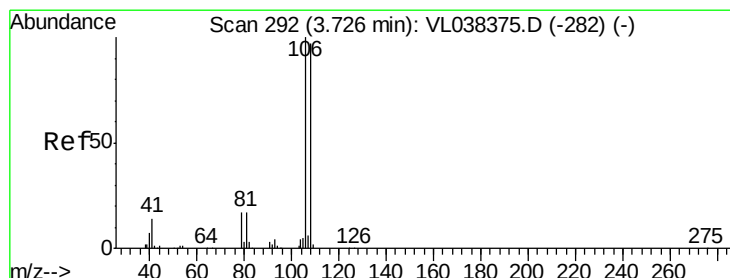
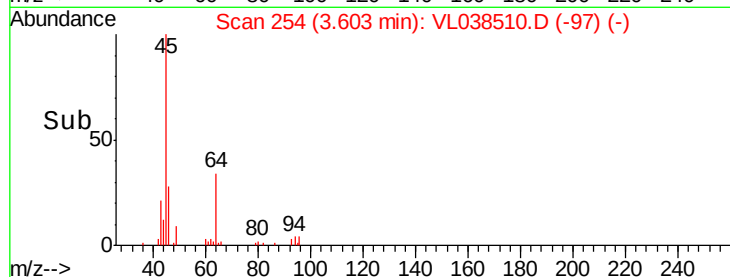
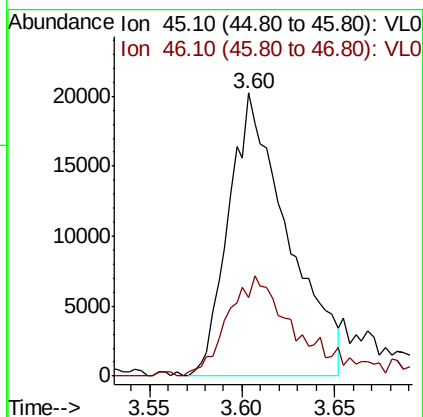
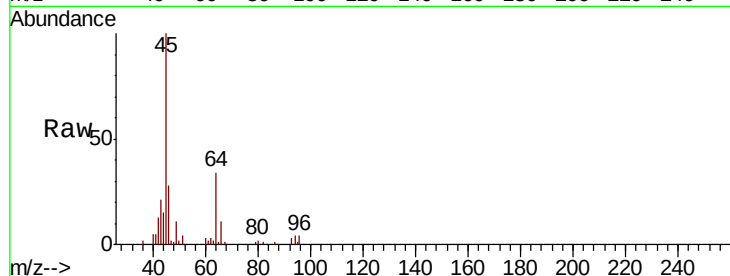
Tgt Ion:101 Resp: 951925
 Ion Ratio Lower Upper
 101 100
 151 70.7 55.9 83.9





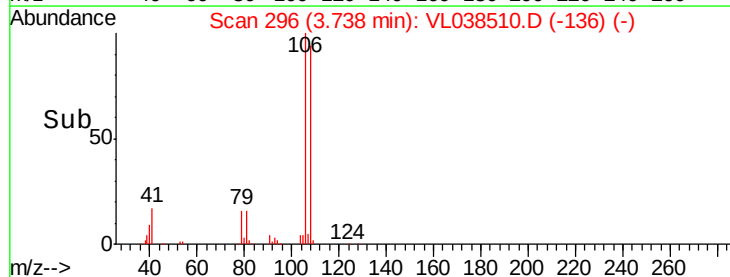
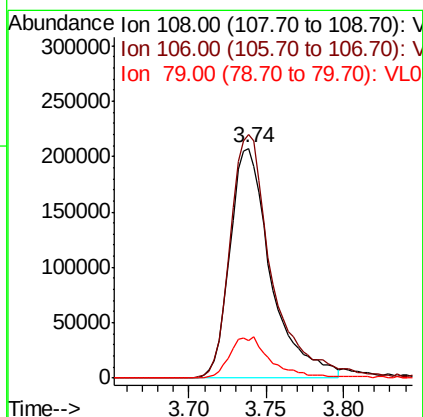
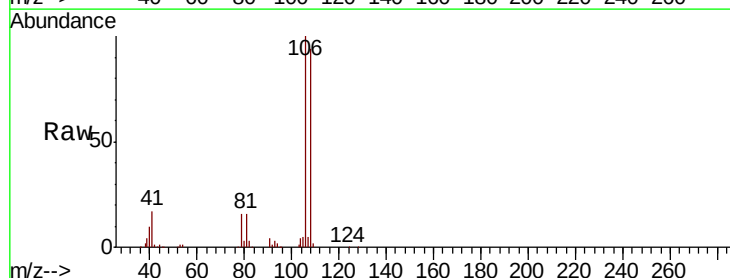
#13
 Ethanol
 Concen: 9.272 ppbv
 RT: 3.60
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VL0303ABS01
 Acq: 3 Mar 2022 12:11

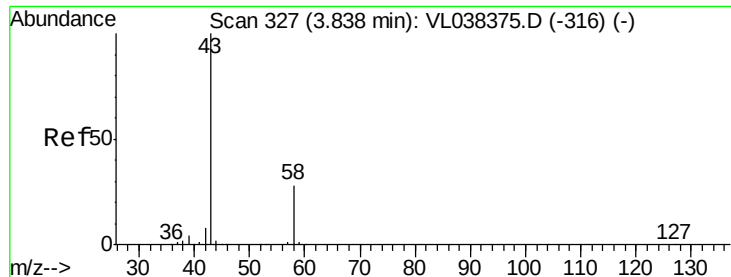
Tot Ion: 45 Resp: 44803
 Ion Ratio Lower Upper
 45 100
 46 42.8 18.2 72.8



#14
 Bromoethene
 Concen: 10.352 ppbv
 RT: 3.74 min Scan# 296
 Delta R.T. 0.01 min
 Lab File: VL038510.D
 Acq: 3 Mar 2022 12:11

Tgt Ion: 108 Resp: 380777
 Ion Ratio Lower Upper
 108 100
 106 110.4 88.4 132.6
 79 18.5 15.0 22.6





#15

Acetone

Concen: 9.190 ppbv

RT: 3.85 Instrument :

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

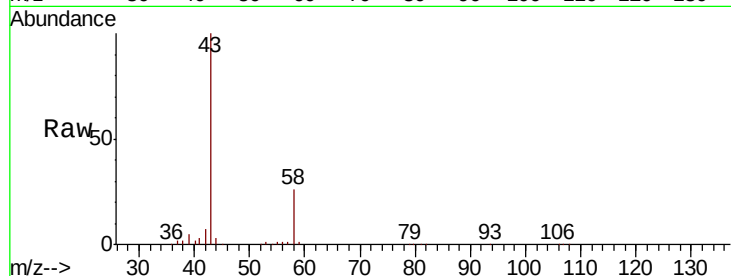
Acq: 3 Mar 2022 12:11 VL0303ABS01

Tot Ion: 43 Resp: 649046

Ion Ratio Lower Upper

43 100

58 27.4 21.7 32.5



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

400000

300000

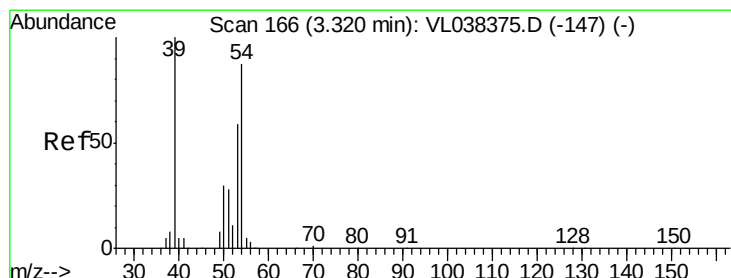
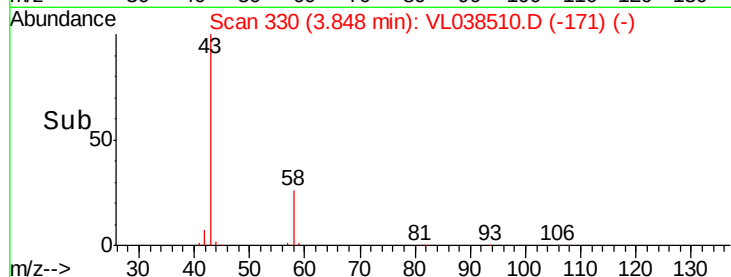
200000

100000

0

3.80 3.85 3.90 3.95

Time-->



#16

1,3-Butadiene

Concen: 10.287 ppbv

RT: 3.33 min Scan# 168

Delta R.T. 0.01 min

Lab File: VL038510.D

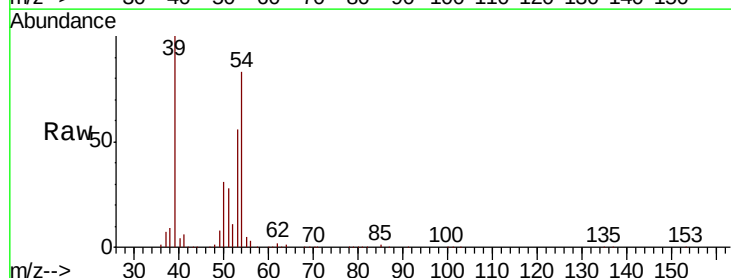
Acq: 3 Mar 2022 12:11

Tgt Ion: 39 Resp: 485247

Ion Ratio Lower Upper

39 100

54 80.1 60.3 90.5



Abundance Ion 39.10 (38.80 to 39.80): VL0

Ion 54.10 (53.80 to 54.80): VL0

300000

250000

200000

150000

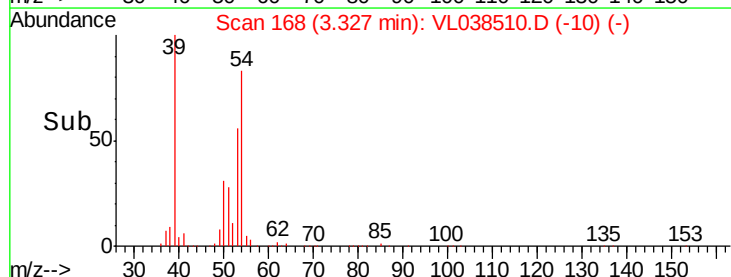
100000

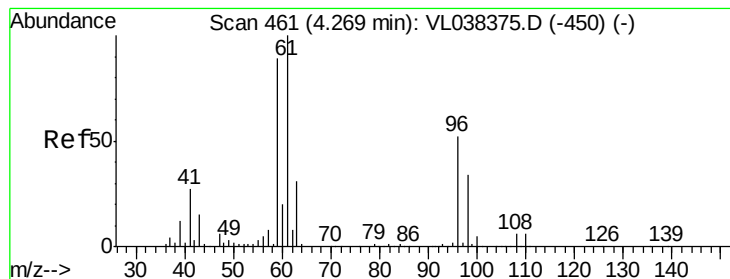
50000

0

3.25 3.30 3.35 3.40

Time-->





#17

tert-Butyl alcohol

Concen: 10.912 ppbv

RT: 4.28 Instrument: MSVOA_1

Delta R.T.

Lab File: ClientSampleId:

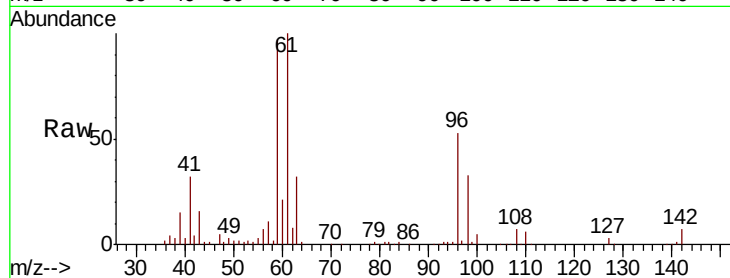
Acq: 3 Mar 2022 12:11

Tot Ion: 59 Resp: 768838

Ion Ratio Lower Upper

59 100

57 10.6 8.4 12.6



Abundance Ion 59.10 (58.80 to 59.80): VL0

Ion 57.10 (56.80 to 57.80): VL0

4.28

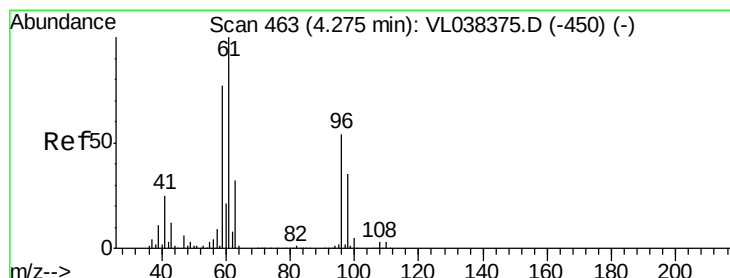
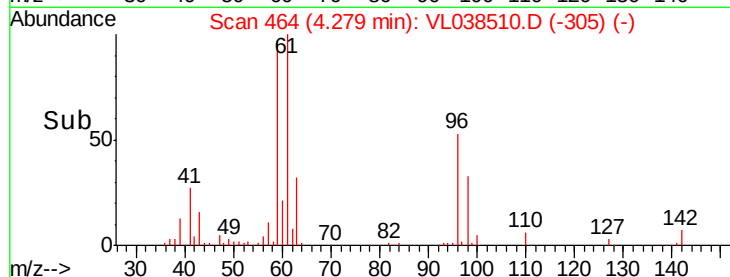
300000

200000

100000

0

Time-->



#18

1,1-Dichloroethene

Concen: 10.210 ppbv

RT: 4.29 min Scan# 466

Delta R.T. 0.01 min

Lab File: VL038510.D

Acq: 3 Mar 2022 12:11

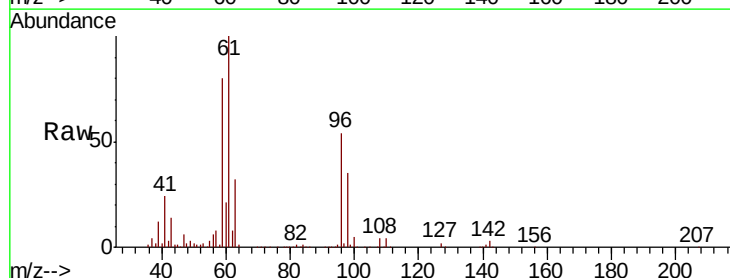
Tgt Ion: 96 Resp: 413850

Ion Ratio Lower Upper

96 100

61 185.2 146.8 220.2

98 64.3 51.5 77.3



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

4.29

500000

400000

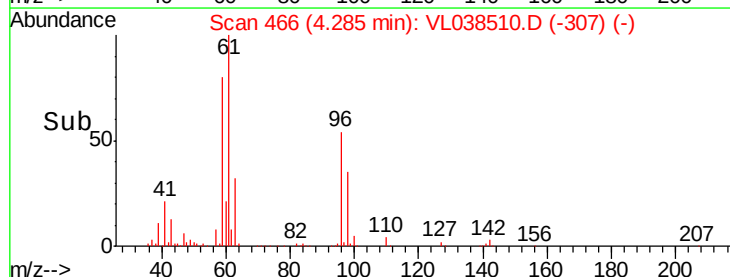
300000

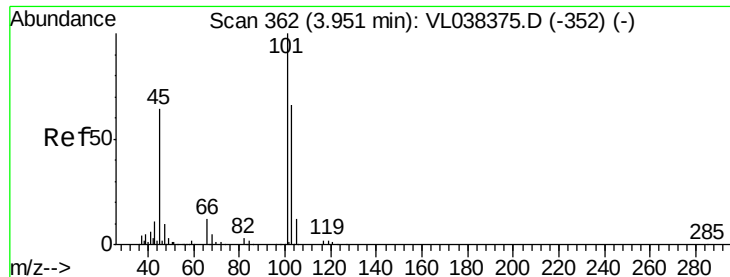
200000

100000

0

Time-->





#19

Isopropyl Alcohol

Concen: 10.289 ppbv

RT: 3.96 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

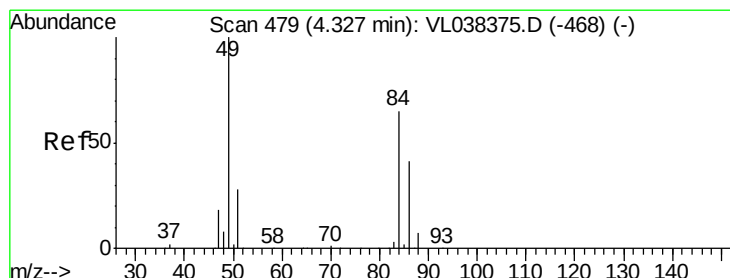
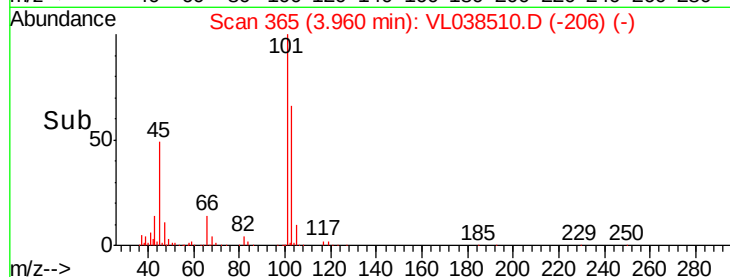
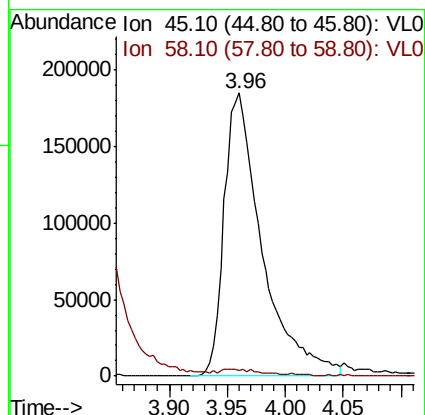
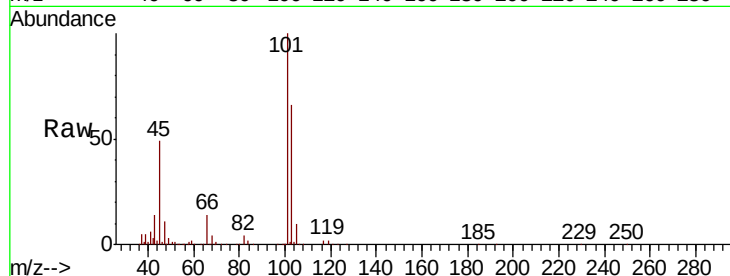
Acq: 3 Mar 2022 12:11 VL0303ABS01

Tot Ion: 45 Resp: 420760

Ion Ratio Lower Upper

45 100

58 3.3 1.8 2.8#



#20

Methylene Chloride

Concen: 9.261 ppbv

RT: 4.34 min Scan# 483

Delta R.T. 0.01 min

Lab File: VL038510.D

Acq: 3 Mar 2022 12:11

Tgt Ion: 84 Resp: 324043

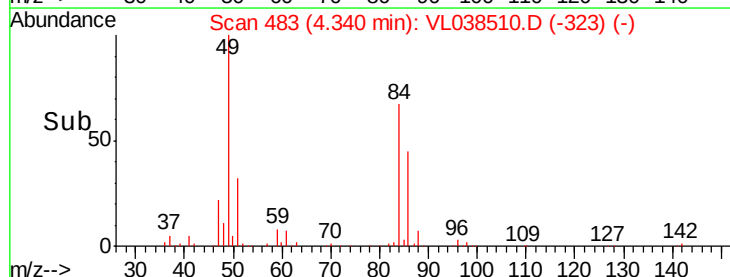
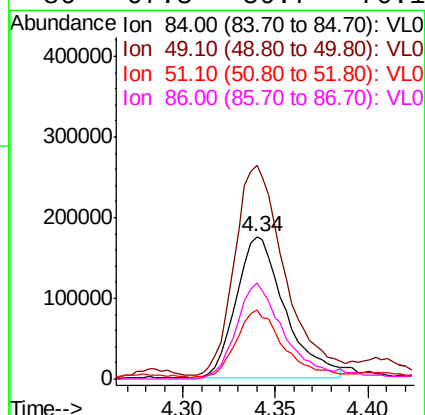
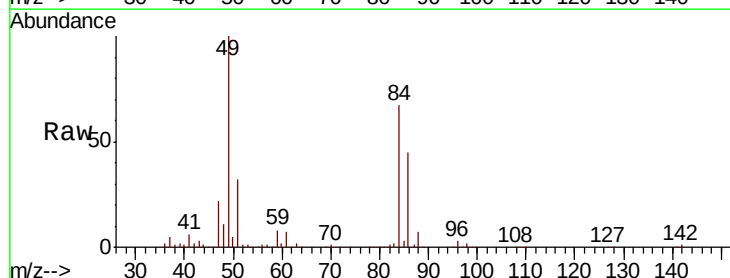
Ion Ratio Lower Upper

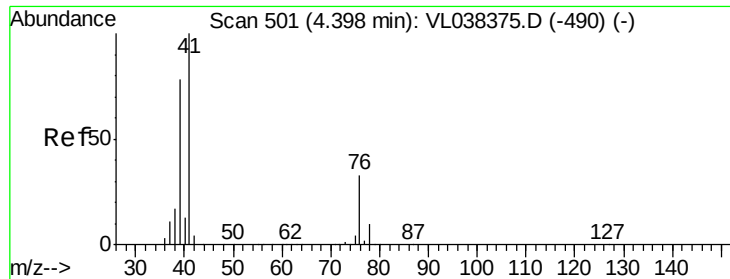
84 100

49 148.3 122.4 183.6

51 47.8 33.3 49.9

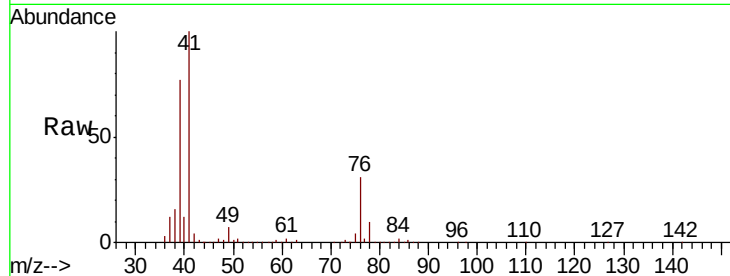
86 67.3 50.7 76.1



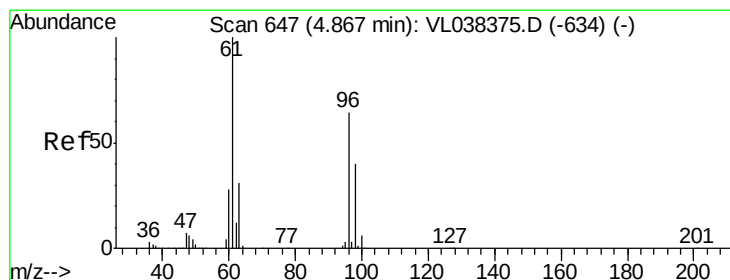
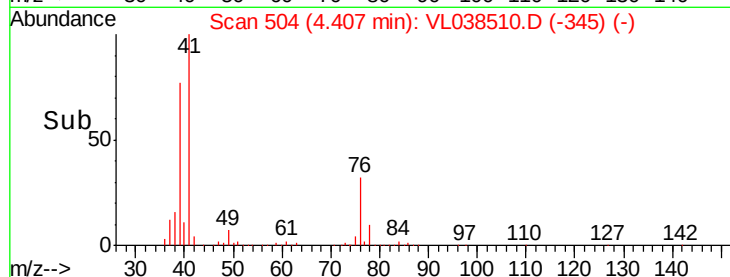
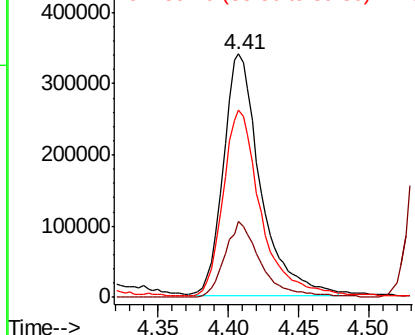


#21
 Allvl Chloride
 Concen: 10.496 ppbv
 RT: 4.41
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VL0303ABS01
 Acq: 3 Mar 2022 12:11

Tot Ion: 41 Resp: 626074
 Ion Ratio Lower Upper
 41 100
 76 30.8 25.4 38.0
 39 78.6 63.0 94.6

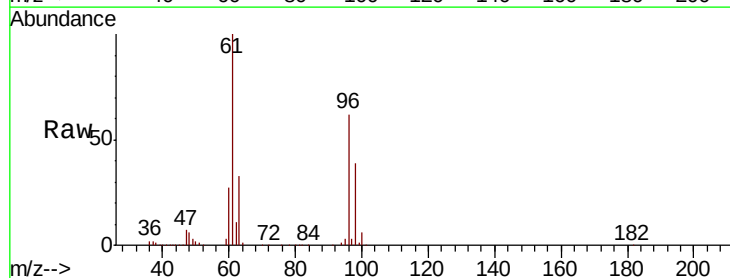


Abundance Ion 41.10 (40.80 to 41.80): VL0
 Ion 76.10 (75.80 to 76.80): VL0
 Ion 39.10 (38.80 to 39.80): VL0

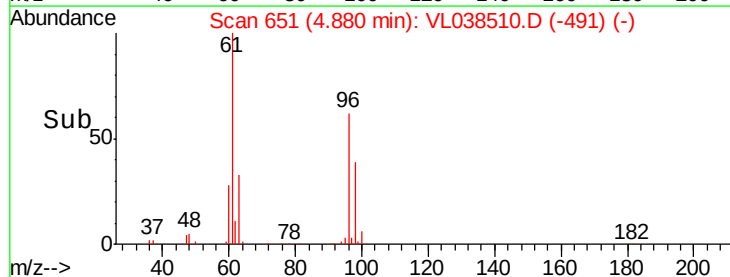
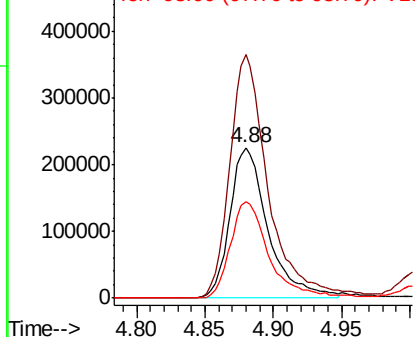


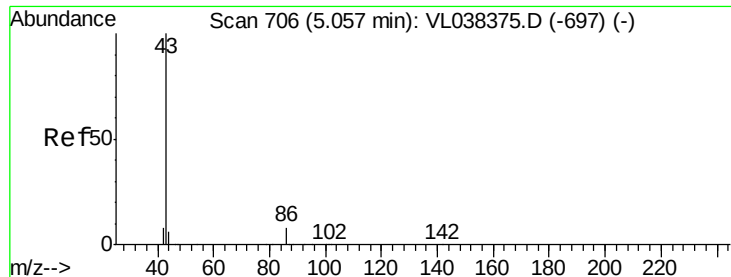
#22
 trans-1,2-Dichloroethene
 Concen: 10.682 ppbv
 RT: 4.88 min Scan# 651
 Delta R.T. 0.01 min
 Lab File: VL038510.D
 Acq: 3 Mar 2022 12:11

Tgt Ion: 96 Resp: 436873
 Ion Ratio Lower Upper
 96 100
 61 161.5 124.2 186.4
 98 63.7 49.1 73.7



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: 10.677 ppbv

RT: 5.07 Instrument: MSVOA_1

Delta R.T.

Lab File: ClientSampleId:

Acq: 3 Mar 2022 12:11 VL0303ABS01

Tot Ion: 43 Resp: 999268

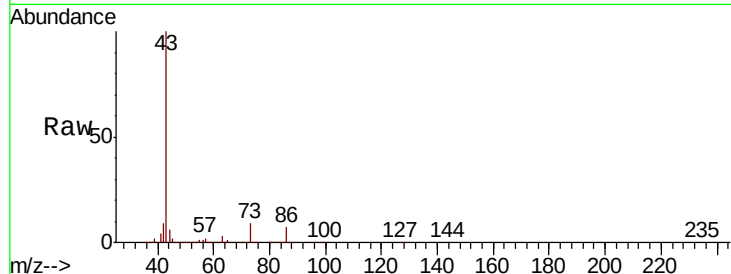
Ion Ratio Lower Upper

43 100

86 6.8 5.8 8.6

42 9.2 7.4 11.0

44 6.0 4.2 6.2

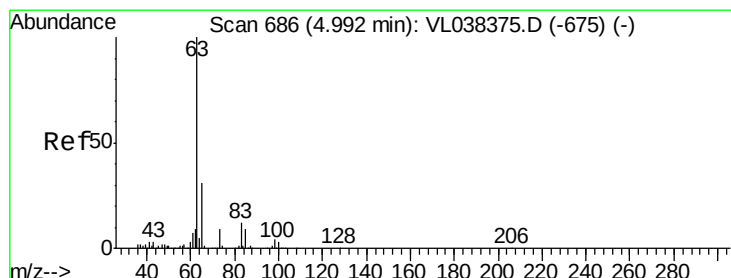
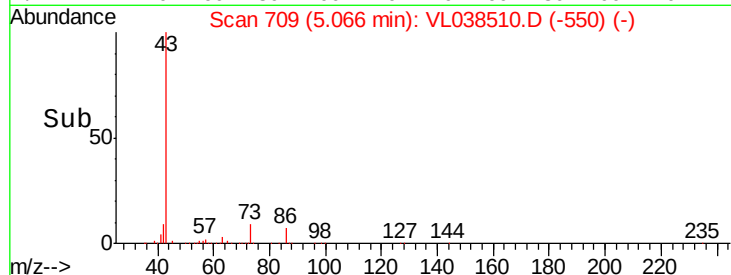
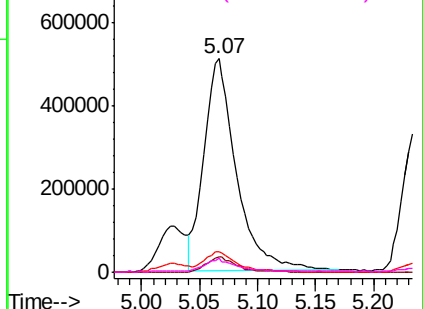


Abundance Ion 43.10 (42.80 to 43.80): VL0

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: 10.560 ppbv

RT: 5.01 min Scan# 690

Delta R.T. 0.01 min

Lab File: VL038510.D

Acq: 3 Mar 2022 12:11

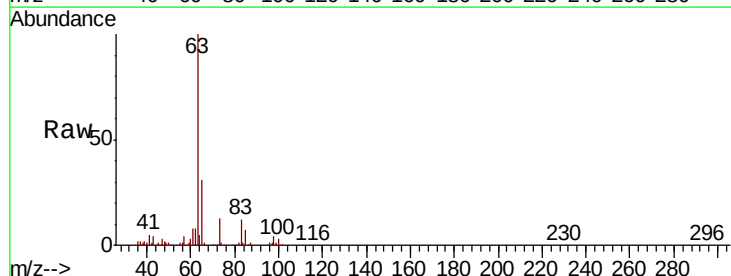
Tgt Ion: 63 Resp: 888530

Ion Ratio Lower Upper

63 100

98 4.0 2.1 6.5

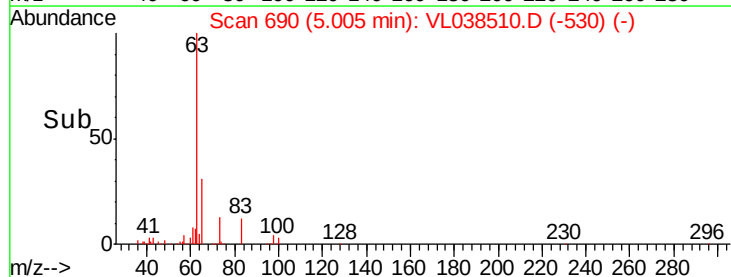
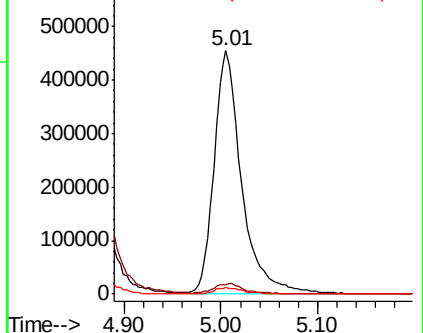
100 2.9 1.4 4.2

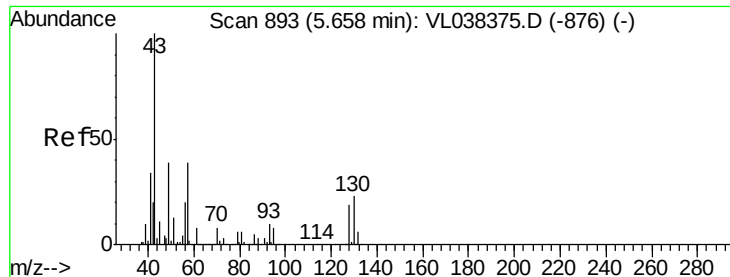


Abundance Ion 63.10 (62.80 to 63.80): VL0

Ion 98.00 (97.70 to 98.70): VL0

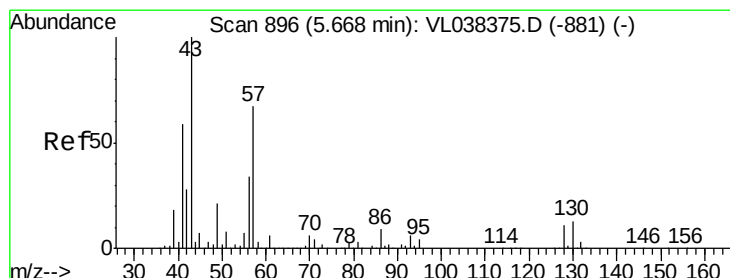
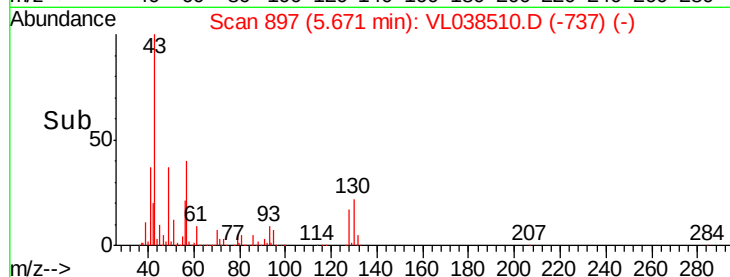
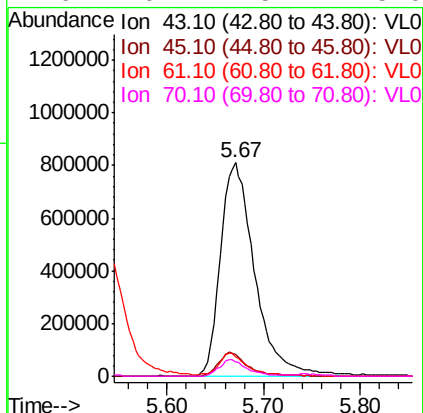
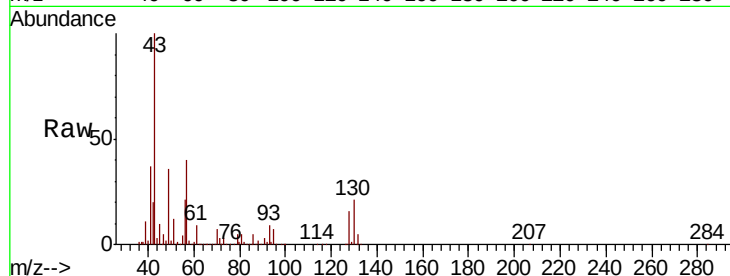
Ion 100.00 (99.70 to 100.70): VL0





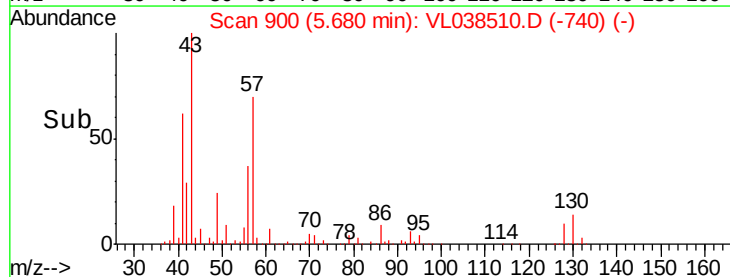
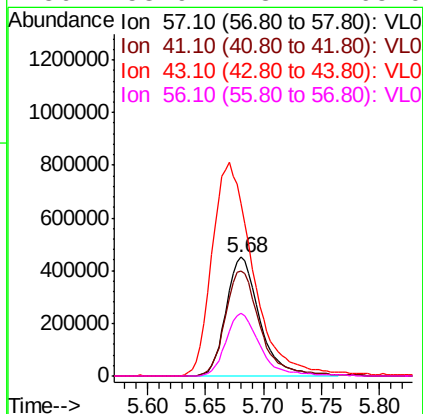
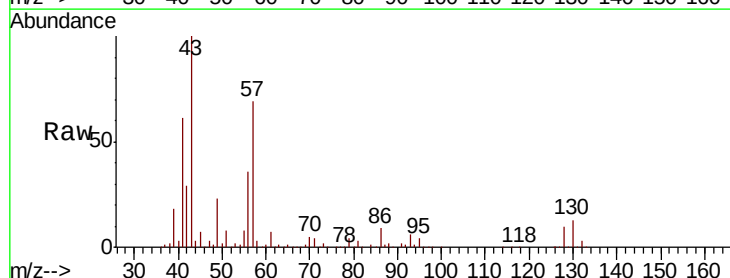
#25
Ethyl Acetate
Concen: 10.455 ppbv
RT: 5.67 min
Delta R.T. MSVOA_1
Lab File: ClientSampleId : VL0303ABS01
Acq: 3 Mar 2022 12:11

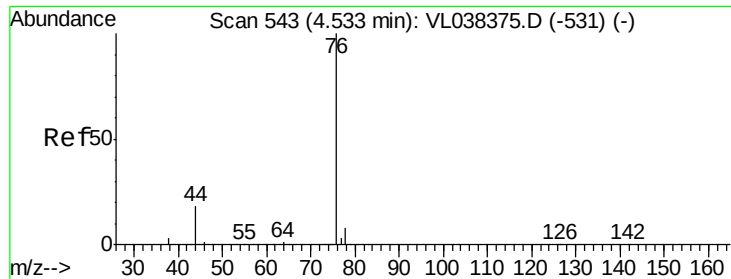
Tot Ion:	43	Resp:	1983720
Ion	Ratio	Lower	Upper
43	100		
45	9.6	7.8	11.6
61	9.3	7.5	11.3
70	6.4	5.4	8.0



#26
Hexane
Concen: 10.508 ppbv
RT: 5.68 min Scan# 900
Delta R.T. 0.01 min
Lab File: VL038510.D
Acq: 3 Mar 2022 12:11

Tgt Ion:	57	Resp:	902843
Ion	Ratio	Lower	Upper
57	100		
41	92.6	73.1	109.7
43	222.0	181.0	271.4
56	53.9	43.4	65.0

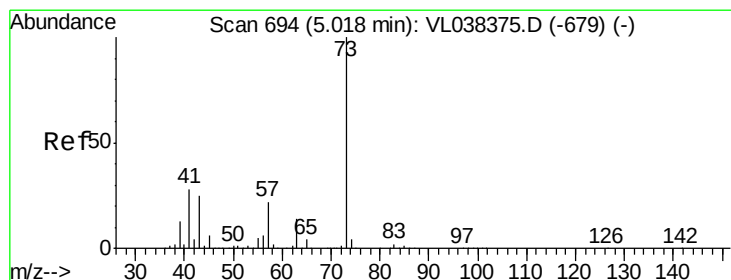
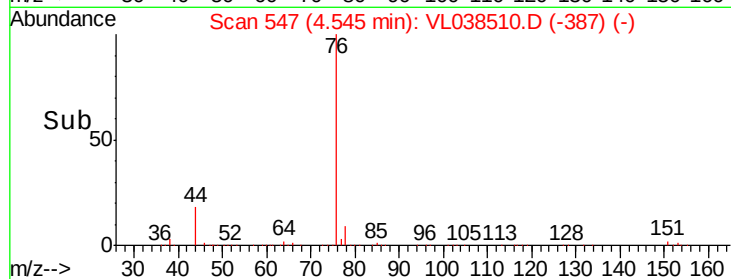
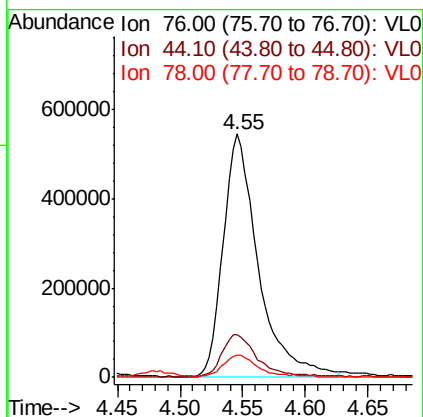
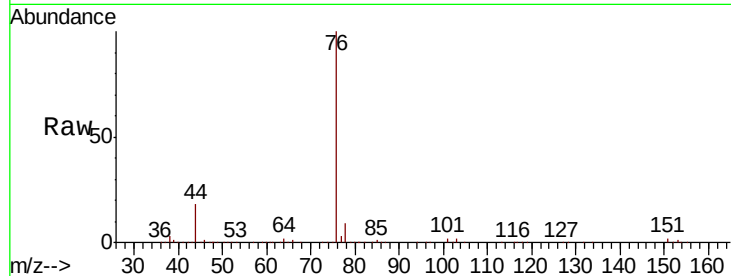




#27
Carbon Disulfide
Concen: 11.035 ppbv
RT: 4.55
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 3 Mar 2022 12:11

Tot Ion: 76 Resp: 1054682

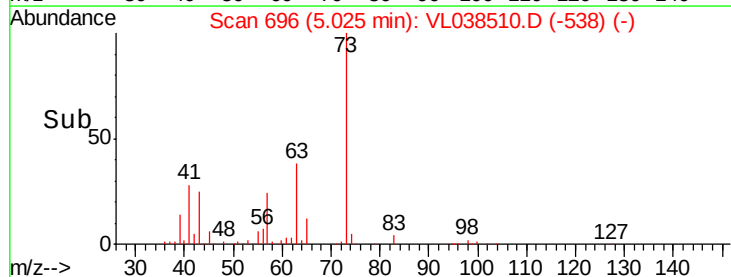
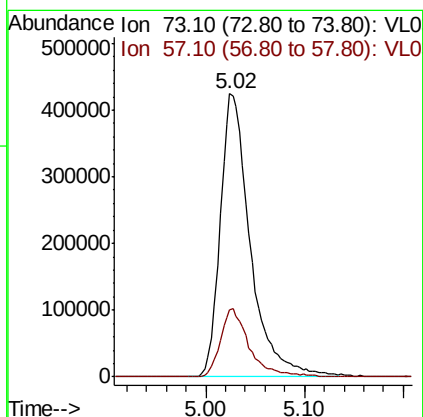
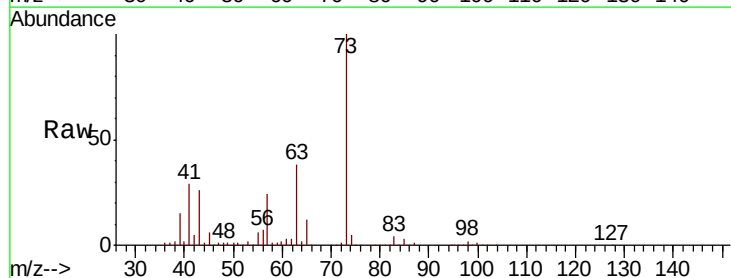
Ion	Ratio	Lower	Upper
76	100		
44	18.4	14.2	21.2
78	9.7	7.8	11.6

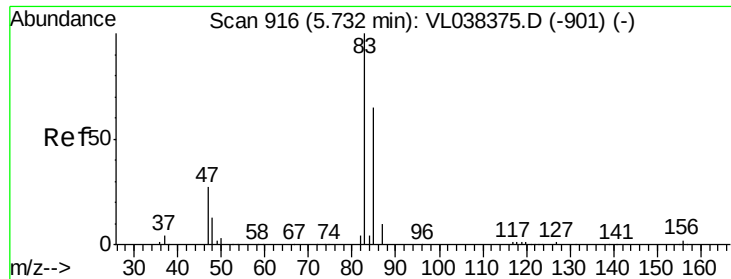


#28
Methyl tert-Butyl Ether
Concen: 10.361 ppbv
RT: 5.02 min Scan# 696
Delta R.T. 0.01 min
Lab File: VL038510.D
Acq: 3 Mar 2022 12:11

Tgt Ion: 73 Resp: 906764

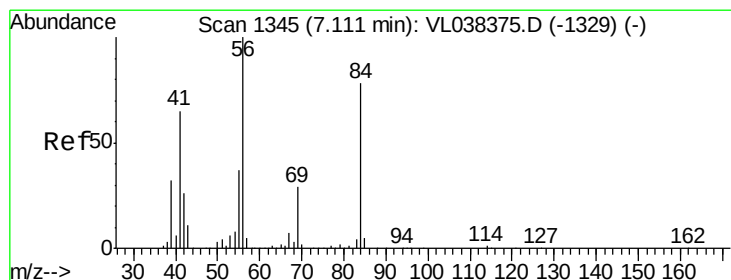
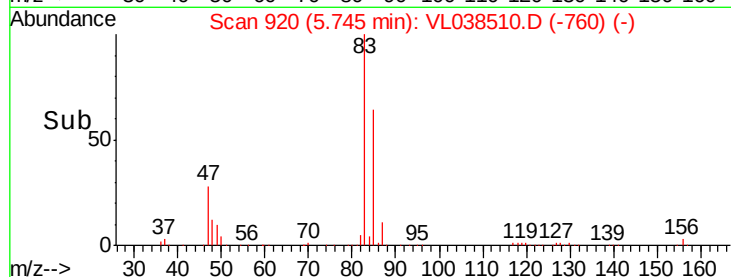
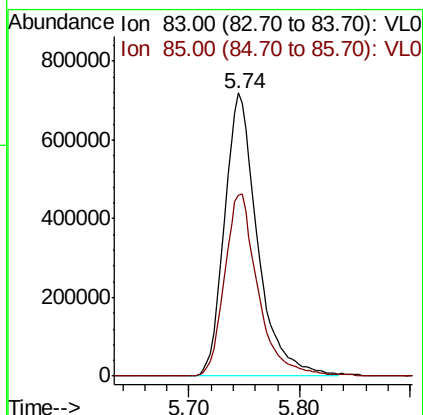
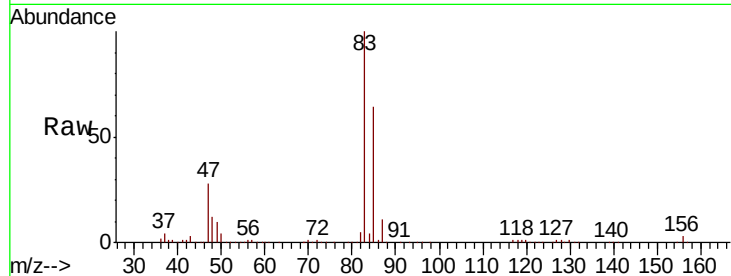
Ion	Ratio	Lower	Upper
73	100		
57	23.3	18.2	27.4





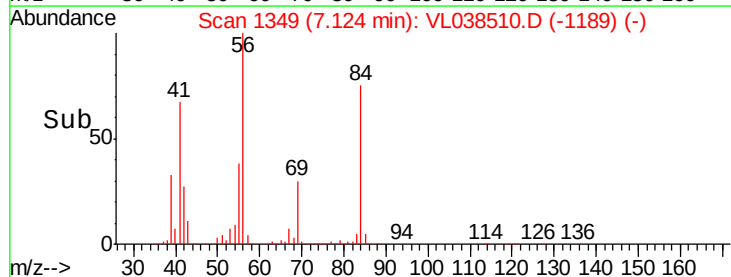
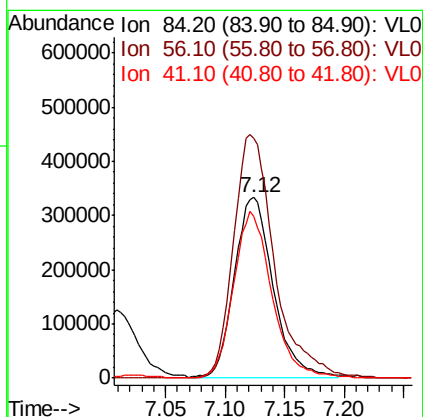
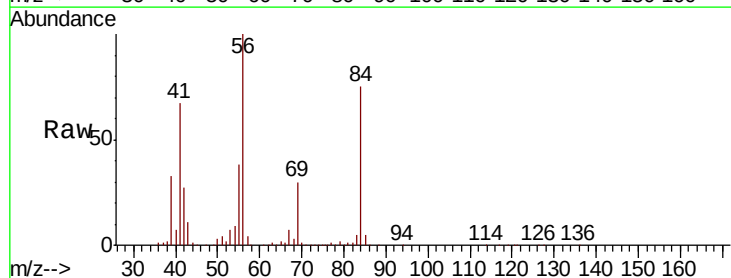
#29
Chloroform
Concen: 10.654 ppbv
RT: 5.74
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId : VL0303ABS01
Acq: 3 Mar 2022 12:11

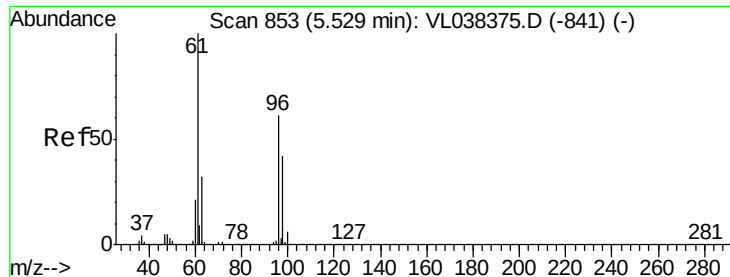
Tot Ion: 83 Resp: 1494038
Ion Ratio Lower Upper
83 100
85 63.6 51.6 77.4



#30
Cyclohexane
Concen: 10.819 ppbv
RT: 7.12 min Scan# 1349
Delta R.T.: 0.01 min
Lab File: VL038510.D
Acq: 3 Mar 2022 12:11

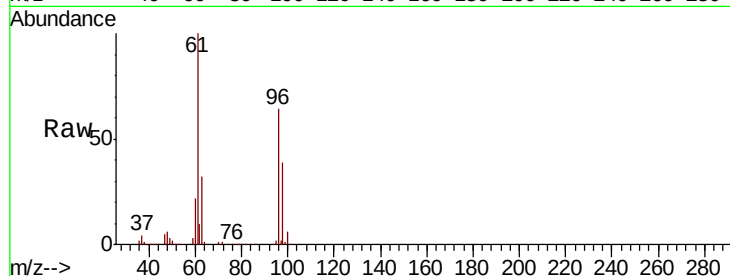
Tgt Ion: 84 Resp: 760237
Ion Ratio Lower Upper
84 100
56 142.1 116.2 174.4
41 90.0 74.3 111.5



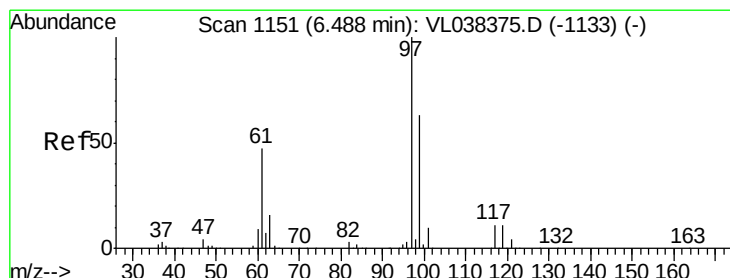
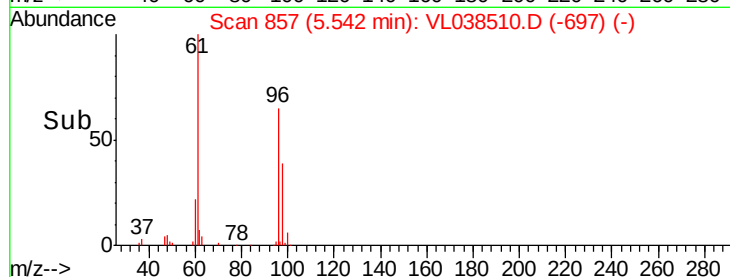
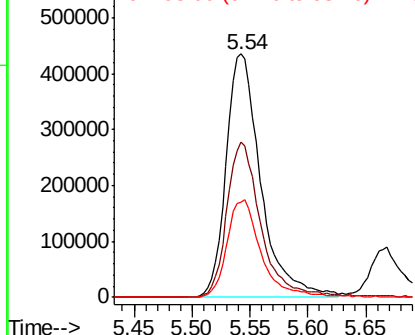


#31
 cis-1,2-Dichloroethene
 Concen: 10.875 ppbv
 RT: 5.54
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VL0303ABS01
 Acq: 3 Mar 2022 12:11

Tot Ion:	61	Resp:	905307
Ion	Ratio	Lower	Upper
61	100		
96	64.0	48.6	73.0
98	39.2	33.2	49.8

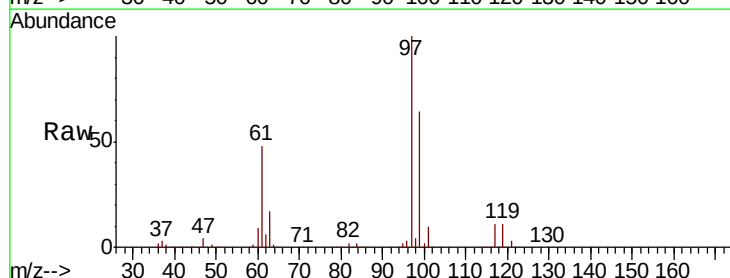


Abundance Ion 61.10 (60.80 to 61.80): VL0
 Ion 96.00 (95.70 to 96.70): VL0
 Ion 98.00 (97.70 to 98.70): VL0

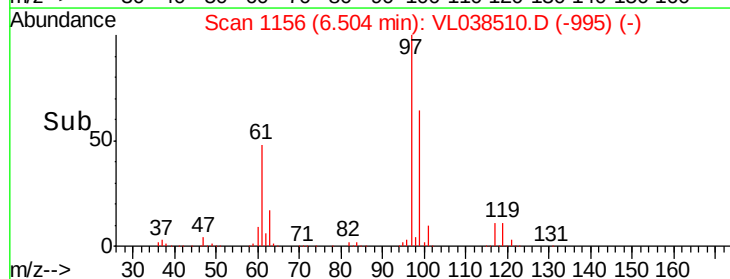
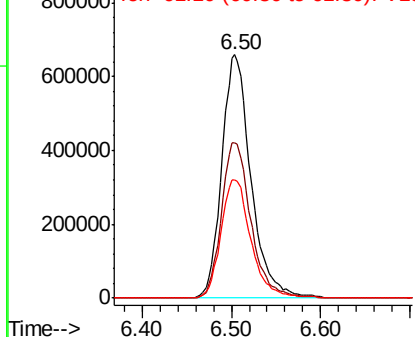


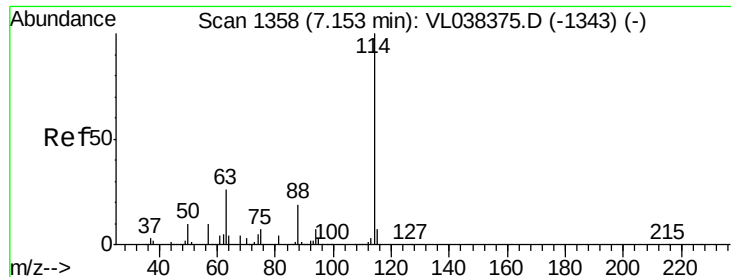
#32
 1,1,1-Trichloroethane
 Concen: 10.585 ppbv
 RT: 6.50 min Scan# 1156
 Delta R.T. 0.02 min
 Lab File: VL038510.D
 Acq: 3 Mar 2022 12:11

Tgt Ion:	97	Resp:	1492733
Ion	Ratio	Lower	Upper
97	100		
99	64.5	51.9	77.9
61	50.2	40.5	60.7



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





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.17 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 3 Mar 2022 12:11 VL0303ABS01

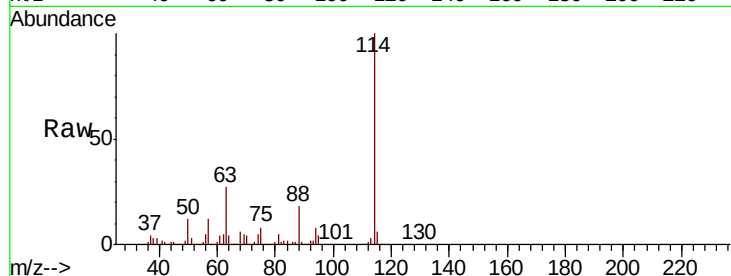
Tot Ion:114 Resp: 1981486

Ion Ratio Lower Upper

114 100

63 28.3 22.2 33.2

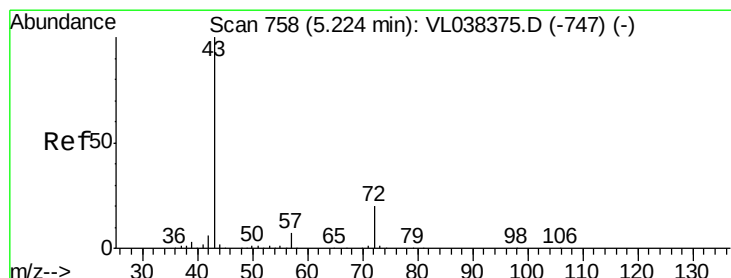
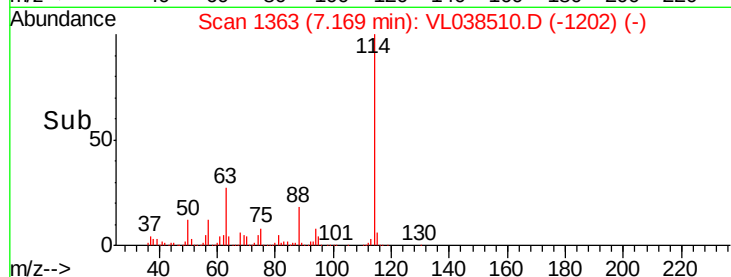
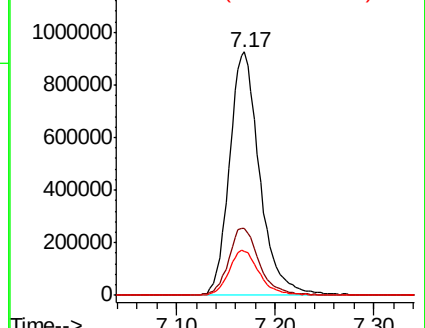
88 18.7 15.2 22.8



Abundance Ion 114.10 (113.80 to 114.80): VL0

Ion 63.10 (62.80 to 63.80): VL0

Ion 88.10 (87.80 to 88.80): VL0



#34

2-Butanone

Concen: 10.972 ppbv

RT: 5.23 min Scan# 761

Delta R.T. 0.01 min

Lab File: VL038510.D

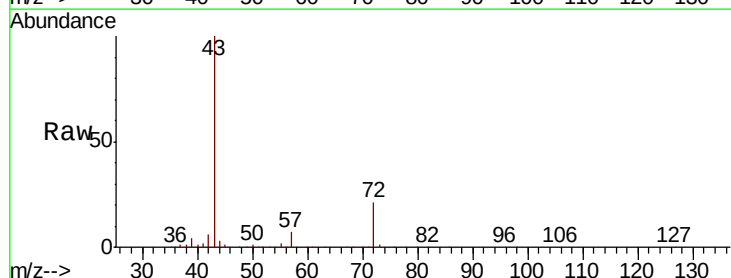
Acq: 3 Mar 2022 12:11

Tgt Ion: 43 Resp: 683795

Ion Ratio Lower Upper

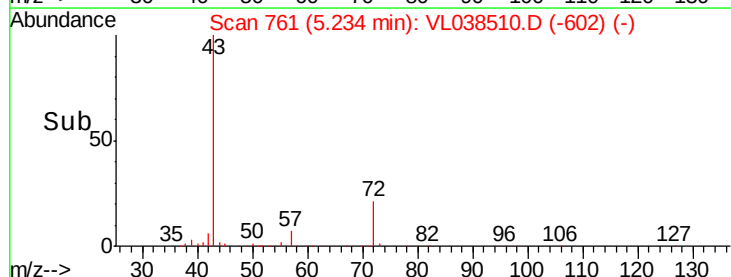
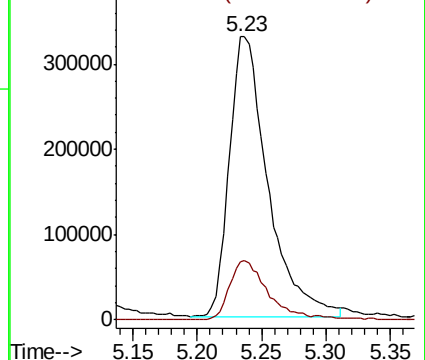
43 100

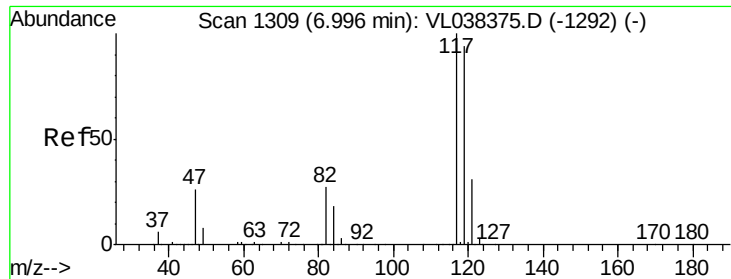
72 21.8 17.4 26.2



Abundance Ion 43.10 (42.80 to 43.80): VL0

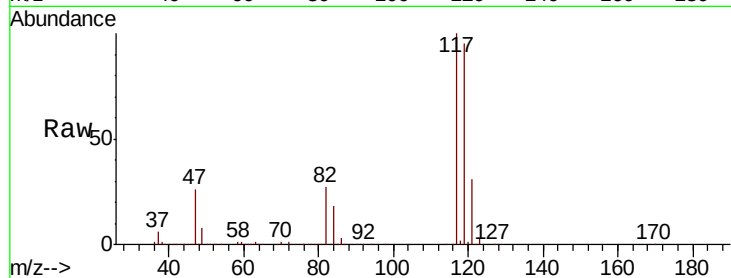
Ion 72.10 (71.80 to 72.80): VL0



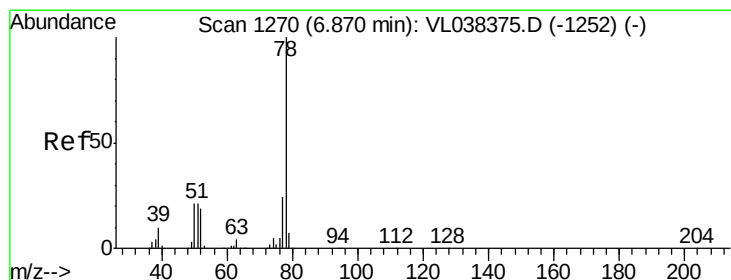
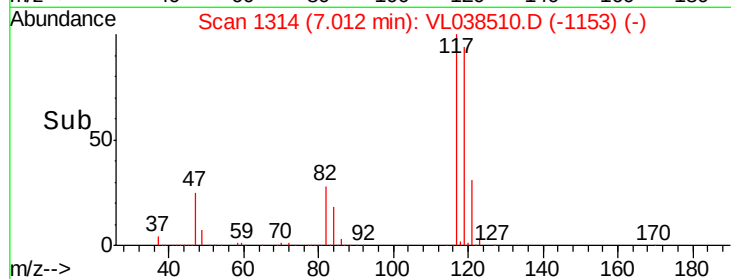
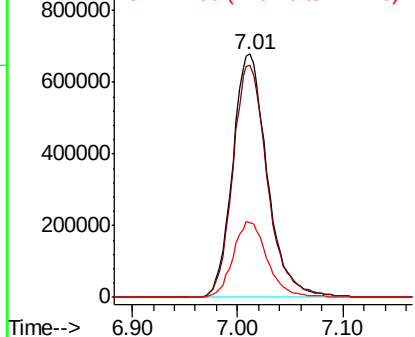


#35
Carbon Tetrachloride
Concen: 11.069 ppbv
RT: 7.01
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 3 Mar 2022 12:11

Tot Ion:117 Resp: 1542291
Ion Ratio Lower Upper
117 100
119 95.1 74.9 112.3
121 30.8 24.8 37.2

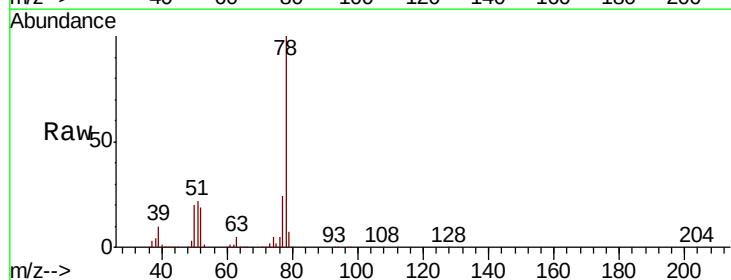


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 119.00 (118.70 to 119.70): V
Ion 121.00 (120.70 to 121.70): V

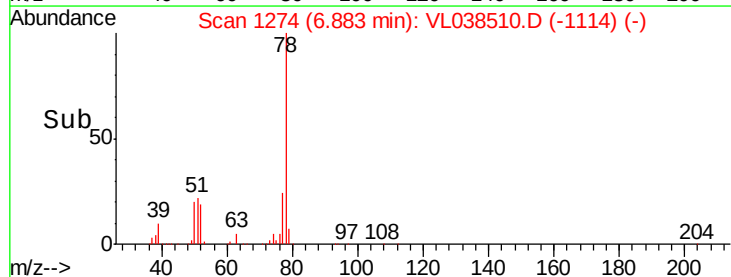
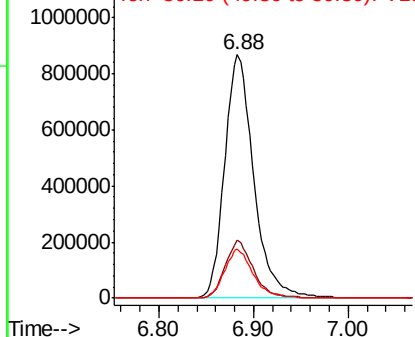


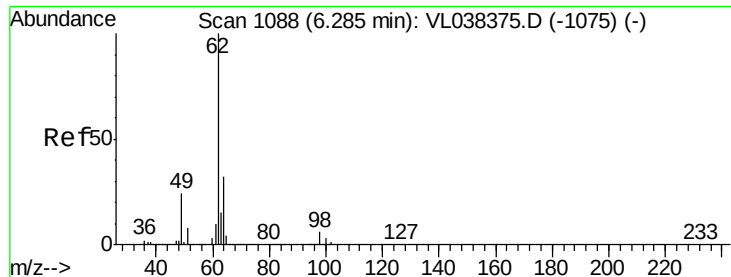
#36
Benzene
Concen: 10.638 ppbv
RT: 6.88 min Scan# 1274
Delta R.T. 0.01 min
Lab File: VL038510.D
Acq: 3 Mar 2022 12:11

Tgt Ion: 78 Resp: 1855667
Ion Ratio Lower Upper
78 100
77 23.7 19.0 28.6
50 20.0 16.6 24.8



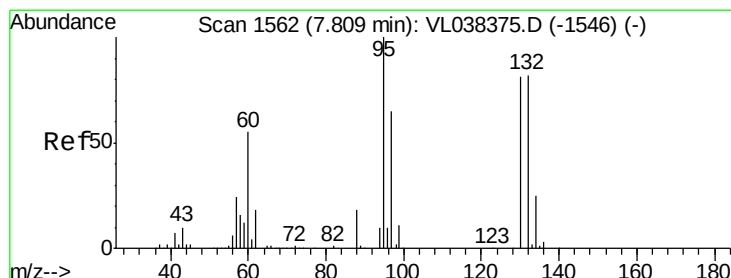
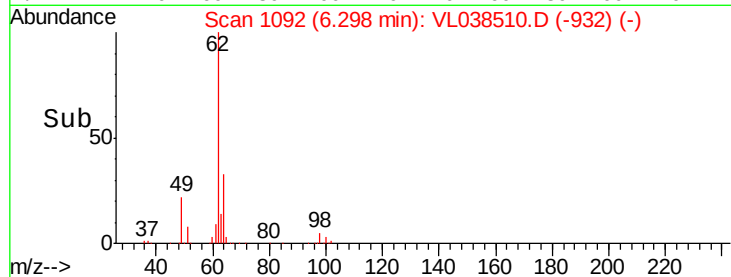
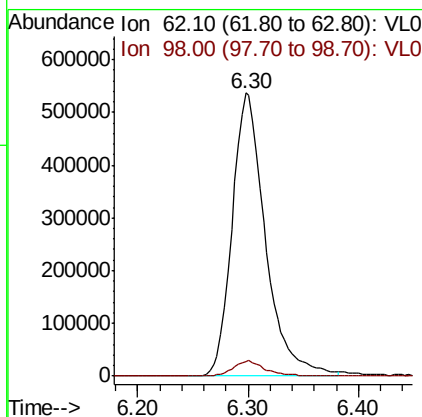
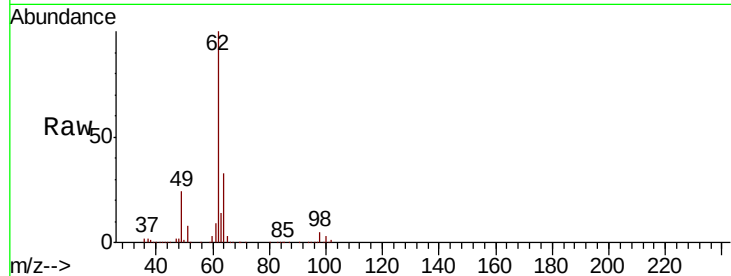
Abundance Ion 78.10 (77.80 to 78.80): VL0
Ion 77.10 (76.80 to 77.80): VL0
Ion 50.10 (49.80 to 50.80): VL0





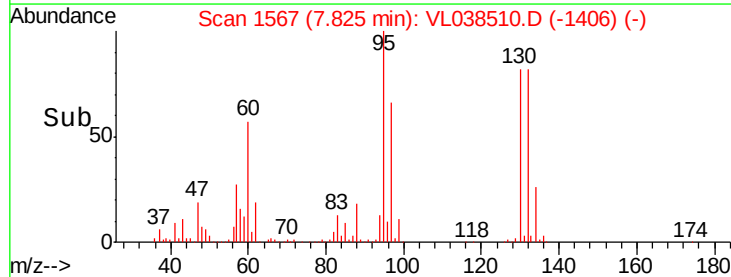
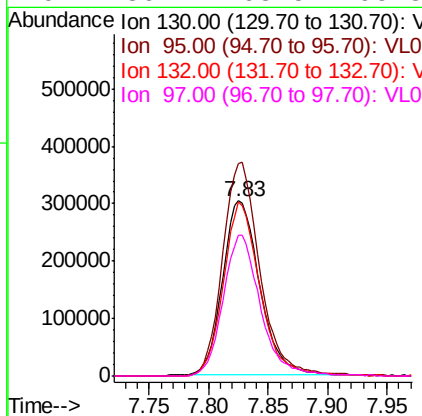
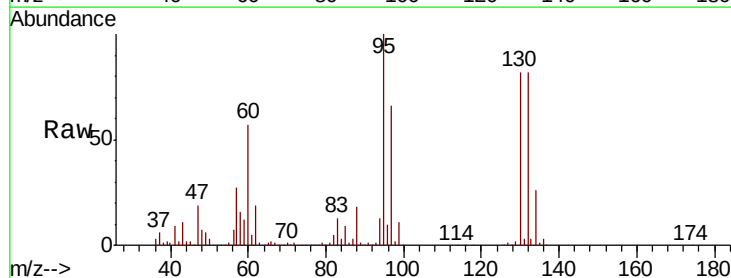
#37
 1,2-Dichloroethane
 Concen: 11.165 ppbv
 RT: 6.30
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VL0303ABS01
 Acq: 3 Mar 2022 12:11

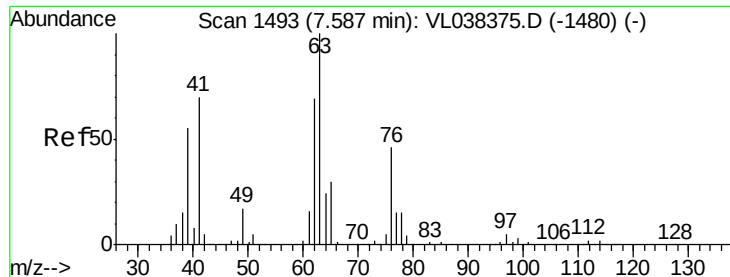
Tot Ion: 62 Resp: 1125417
 Ion Ratio Lower Upper
 62 100
 98 5.4 4.6 7.0



#38
 Trichloroethene
 Concen: 10.238 ppbv
 RT: 7.83 min Scan# 1567
 Delta R.T. 0.02 min
 Lab File: VL038510.D
 Acq: 3 Mar 2022 12:11

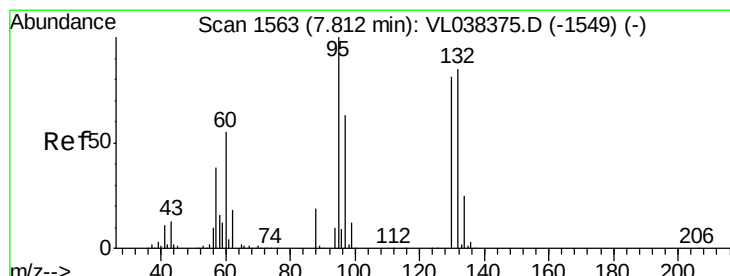
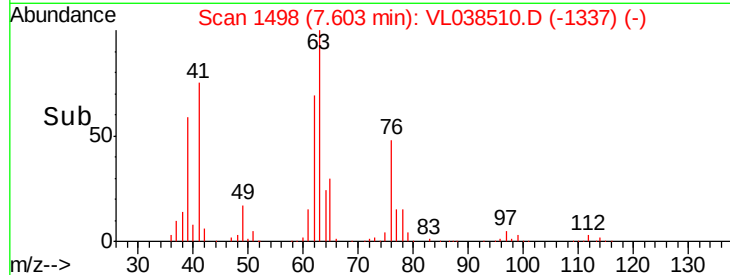
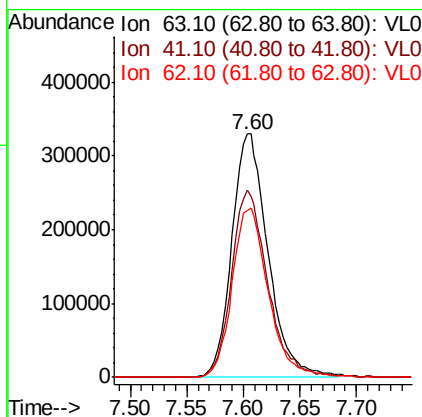
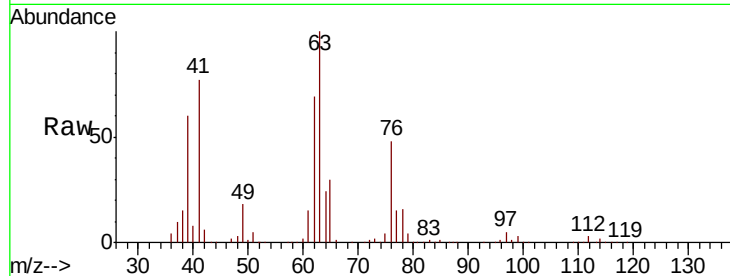
Tgt Ion:130 Resp: 650529
 Ion Ratio Lower Upper
 130 100
 95 121.6 98.1 147.1
 132 99.5 80.3 120.5
 97 80.7 63.5 95.3





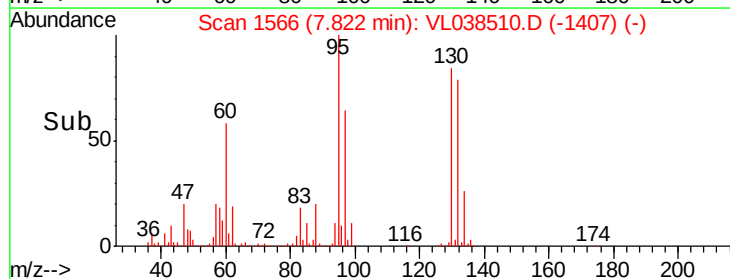
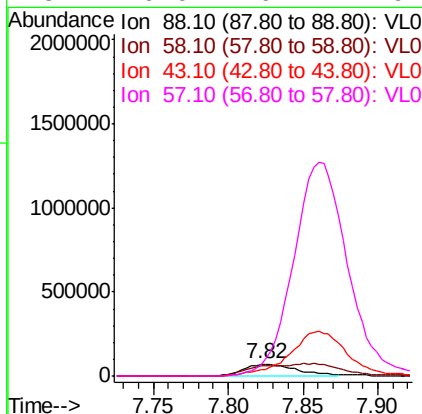
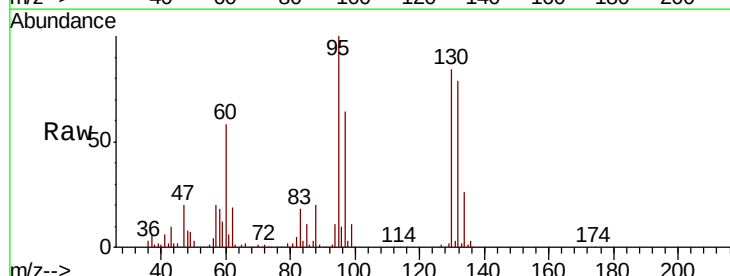
#39
 1,2-Dichloropropane
 Concen: 10.577 ppbv
 RT: 7.60
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VL0303ABS01
 Acq: 3 Mar 2022 12:11

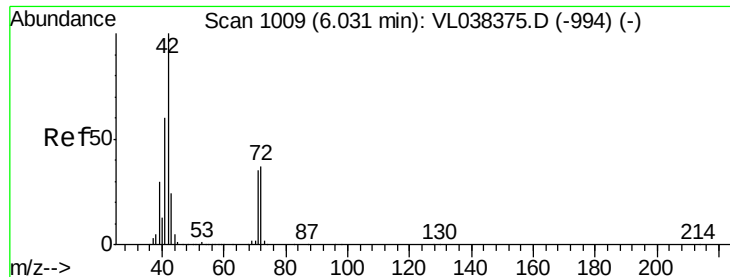
Tot Ion: 63 Resp: 734871
 Ion Ratio Lower Upper
 63 100
 41 76.7 56.1 84.1
 62 68.5 55.5 83.3



#40
 1,4-Dioxane
 Concen: 10.465 ppbv
 RT: 7.82 min Scan# 1566
 Delta R.T. 0.01 min
 Lab File: VL038510.D
 Acq: 3 Mar 2022 12:11

Tgt Ion: 88 Resp: 172461
 Ion Ratio Lower Upper
 88 100
 58 0.0 133.2 199.8#
 43 0.0 330.6 496.0#
 57 0.0 1462.7 2194.1#

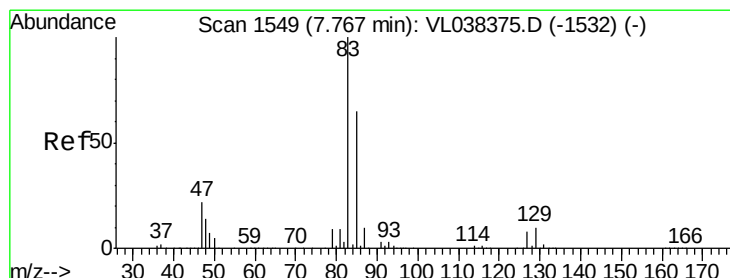
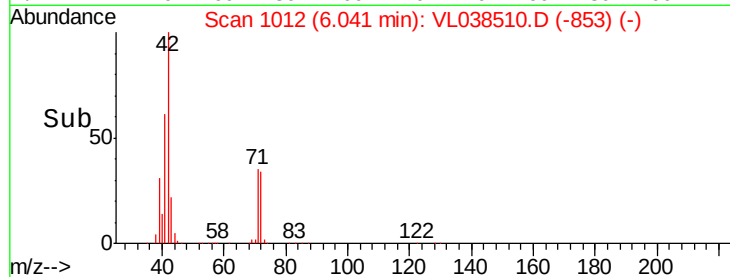
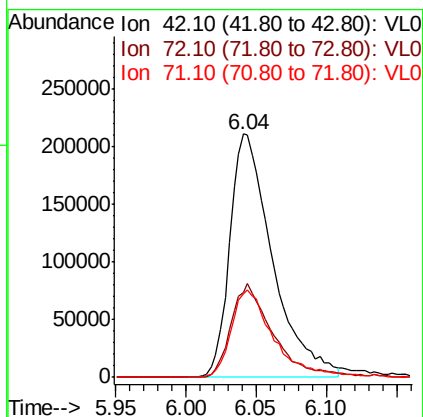
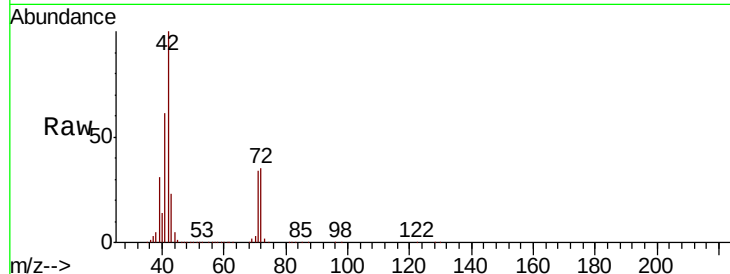




#41
Tetrahydrofuran
Concen: 10.624 ppbv
RT: 6.04
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
Acq: 3 Mar 2022 12:11

Tot Ion: 42 Resp: 447336

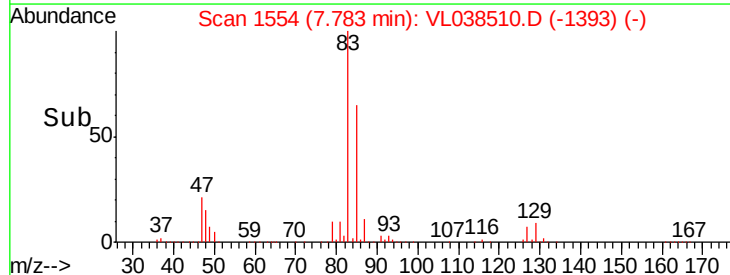
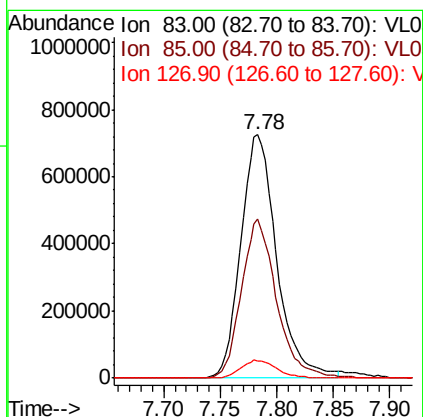
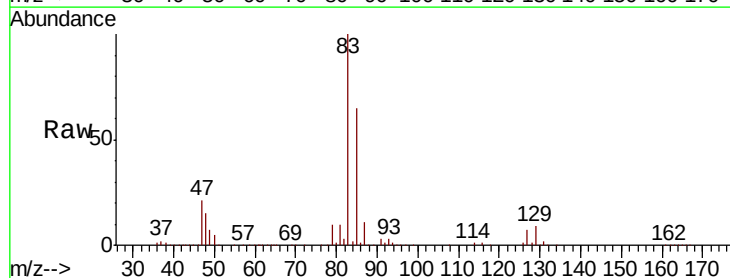
Ion	Ratio	Lower	Upper
42	100		
72	38.1	29.9	44.9
71	36.3	28.6	42.8

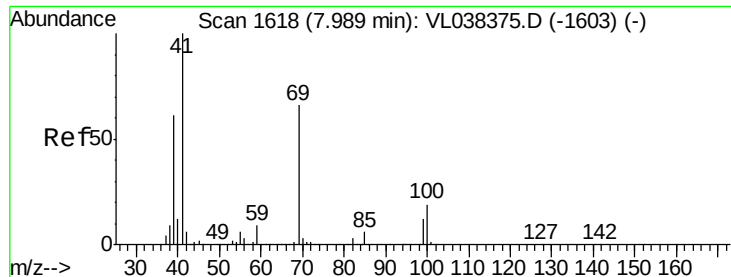


#42
Bromodichloromethane
Concen: 11.009 ppbv
RT: 7.78 min Scan# 1554
Delta R.T.: 0.02 min
Lab File: VL038510.D
Acq: 3 Mar 2022 12:11

Tgt Ion: 83 Resp: 1602504

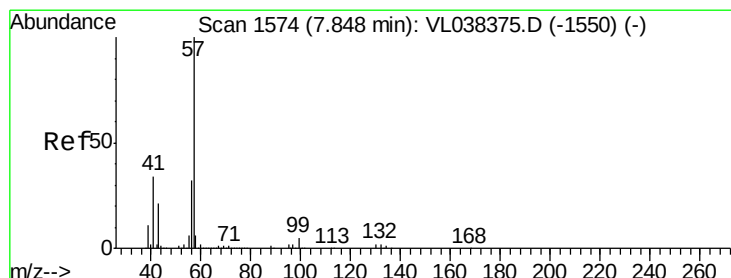
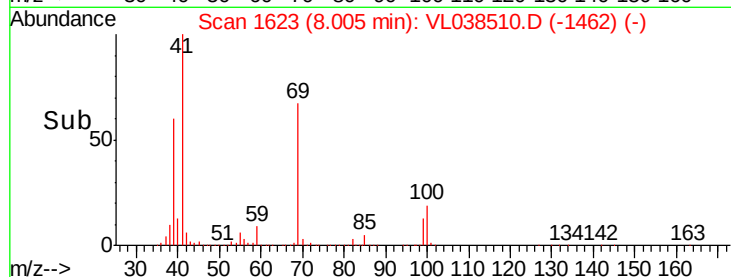
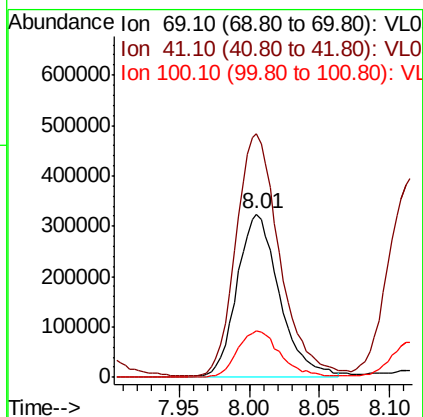
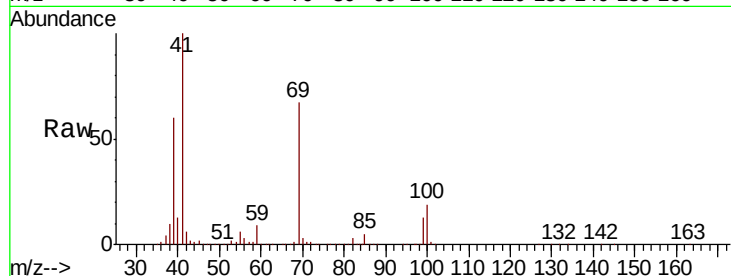
Ion	Ratio	Lower	Upper
83	100		
85	65.4	52.2	78.4
127	7.2	6.2	9.4





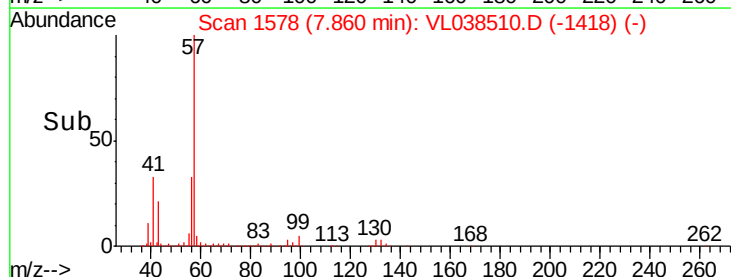
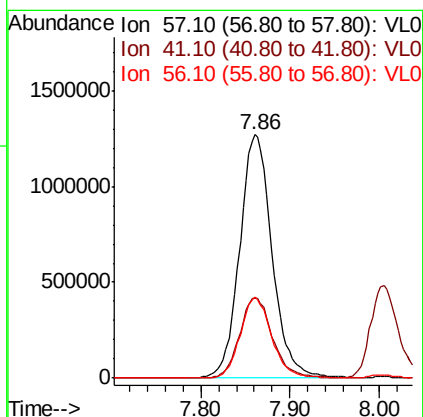
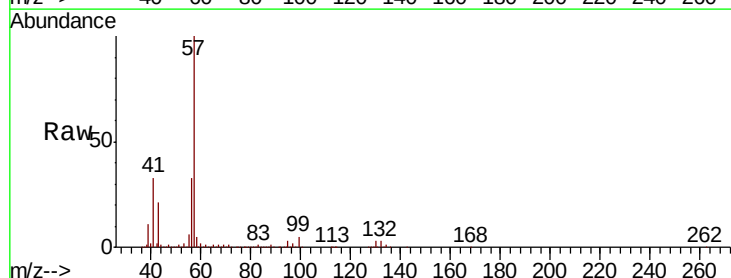
#43
Methyl Methacrylate
Concen: 11.270 ppbv
RT: 8.01
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
Acq: 3 Mar 2022 12:11

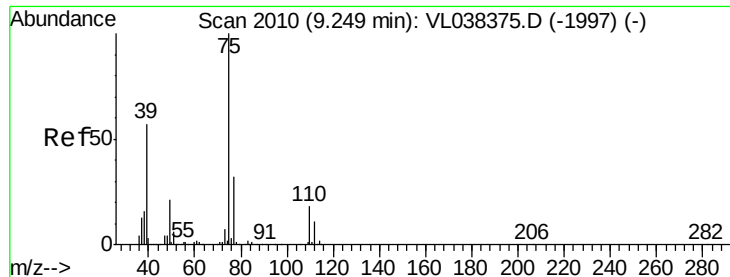
Tot Ion: 69 Resp: 683434
Ion Ratio Lower Upper
69 100
41 153.3 122.9 184.3
100 29.2 23.6 35.4



#44
2,2,4-Trimethylpentane
Concen: 10.715 ppbv
RT: 7.86 min Scan# 1578
Delta R.T.: 0.01 min
Lab File: VL038510.D
Acq: 3 Mar 2022 12:11

Tgt Ion: 57 Resp: 3212505
Ion Ratio Lower Upper
57 100
41 33.7 26.6 39.8
56 32.2 25.0 37.6





#45

t-1,3-Dichloropropene

Concen: 11.516 ppbv

RT: 9.27 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

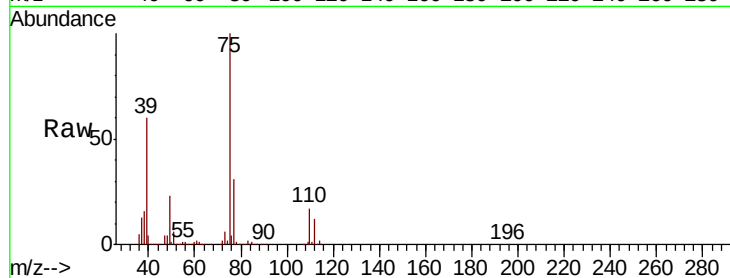
Acq: 3 Mar 2022 12:11 VL0303ABS01

Tot Ion: 75 Resp: 558115

Ion Ratio Lower Upper

75 100

77 31.2 25.4 38.0



Abundance Ion 75.10 (74.80 to 75.80): VL0

Ion 77.10 (76.80 to 77.80): VL0

9.27

250000

200000

150000

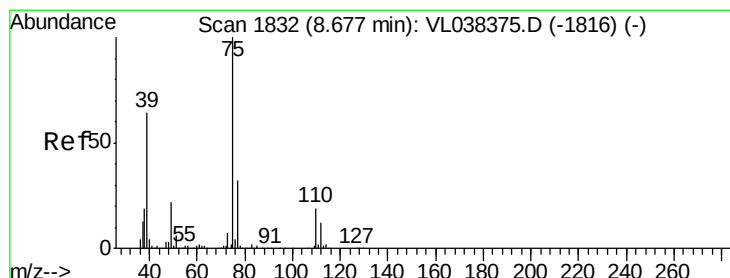
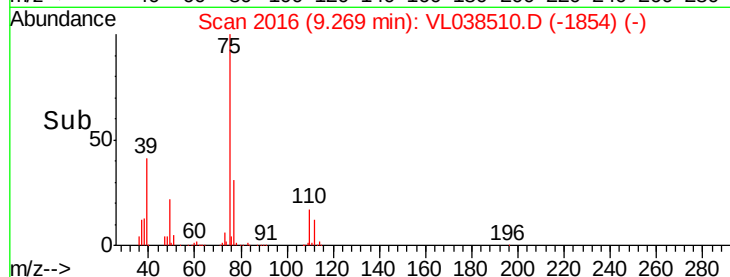
100000

50000

0

Time-->

9.20 9.25 9.30 9.35



#46

cis-1,3-Dichloropropene

Concen: 11.248 ppbv

RT: 8.69 min Scan# 1837

Delta R.T. 0.02 min

Lab File: VL038510.D

Acq: 3 Mar 2022 12:11

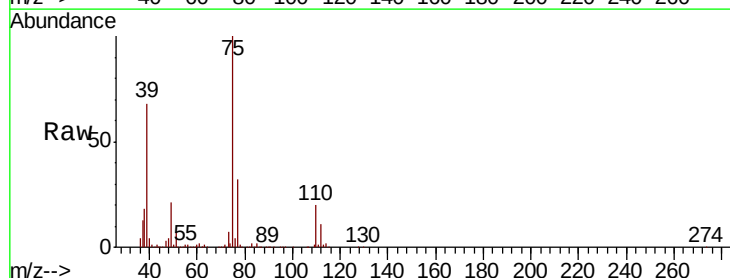
Tgt Ion: 75 Resp: 714440

Ion Ratio Lower Upper

75 100

39 67.7 51.4 77.2

77 31.6 25.4 38.2



Abundance Ion 75.00 (74.70 to 75.70): VL0

Ion 39.00 (38.70 to 39.70): VL0

Ion 77.00 (76.70 to 77.70): VL0

8.69

400000

300000

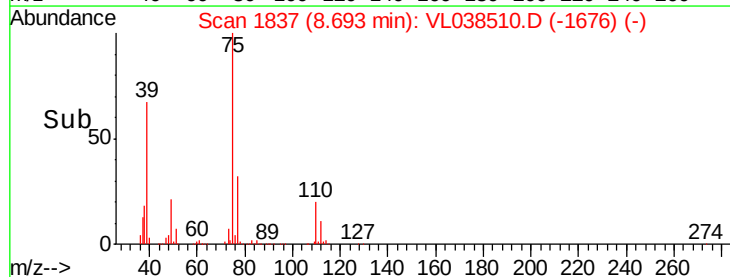
200000

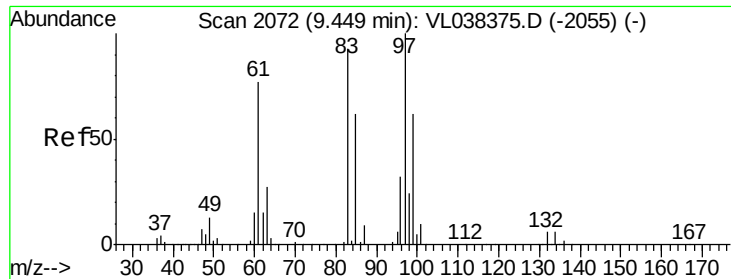
100000

0

Time-->

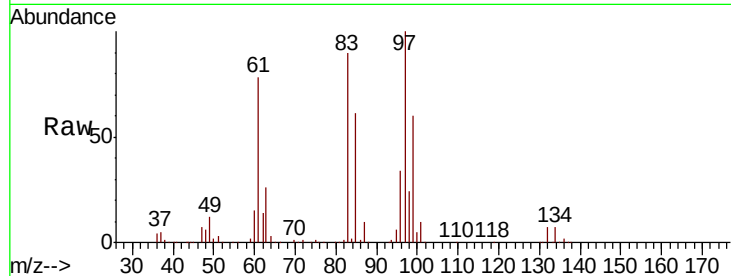
8.60 8.65 8.70 8.75





#47
 1,1,2-Trichloroethane
 Concen: 10.480 ppbv
 RT: 9.46
 Instrument: MSVOA_L
 Delta R.T.:
 ClientSampleId:
 Lab File: VL0303ABS01
 Acq: 3 Mar 2022 12:11

Tot Ion:	97	Resp:	724449
Ion	Ratio	Lower	Upper
97	100		
83	89.7	74.2	111.4
85	61.0	49.8	74.8
99	60.0	49.5	74.3



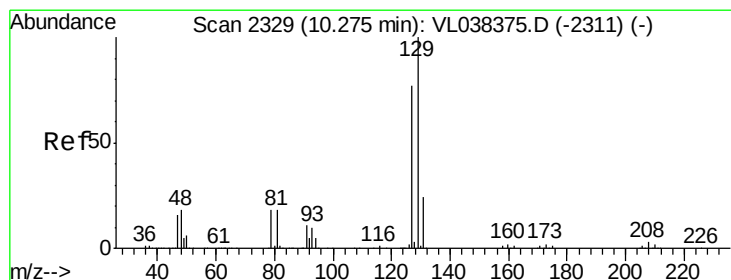
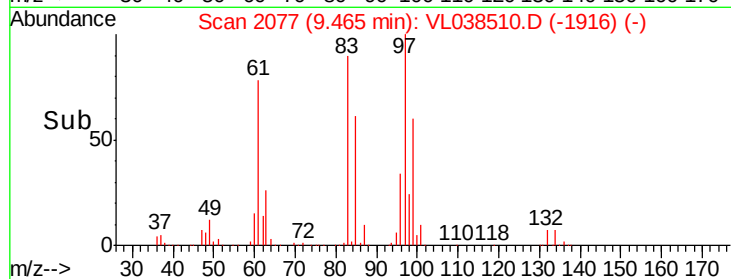
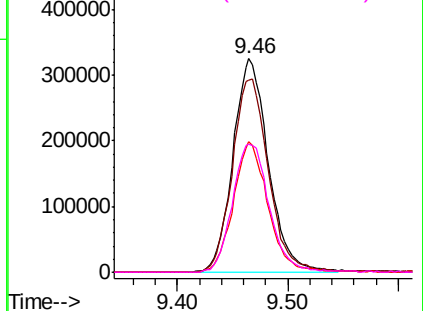
Abundance

Ion 97.00 (96.70 to 97.70): VL0

Ion 83.00 (82.70 to 83.70): VL0

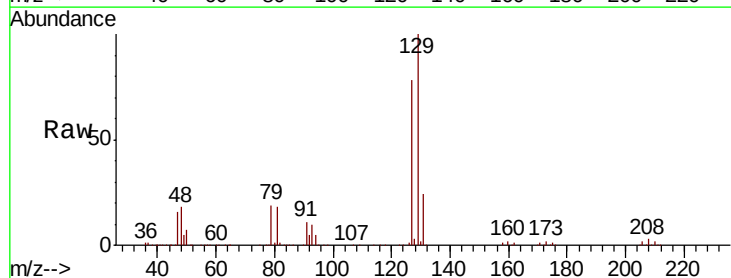
Ion 85.00 (84.70 to 85.70): VL0

Ion 99.00 (98.70 to 99.70): VL0



#48
 Dibromochloromethane
 Concen: 10.698 ppbv
 RT: 10.29 min Scan# 2335
 Delta R.T.: 0.02 min
 Lab File: VL038510.D
 Acq: 3 Mar 2022 12:11

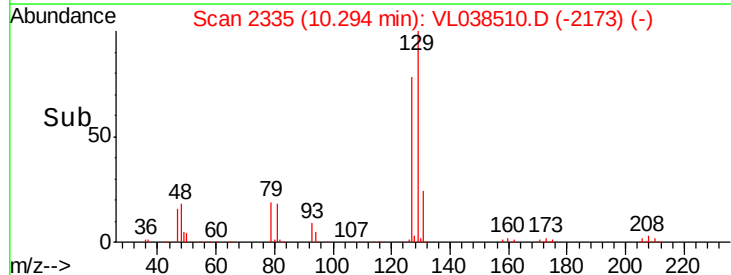
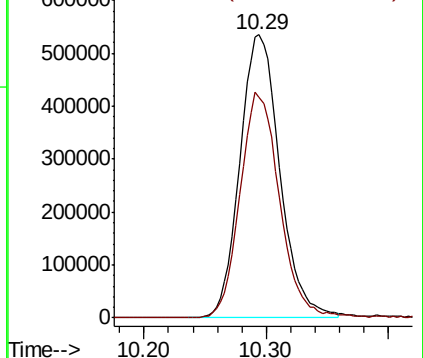
Tgt Ion:	129	Resp:	1209210
Ion	Ratio	Lower	Upper
129	100		
127	79.7	39.4	118.1

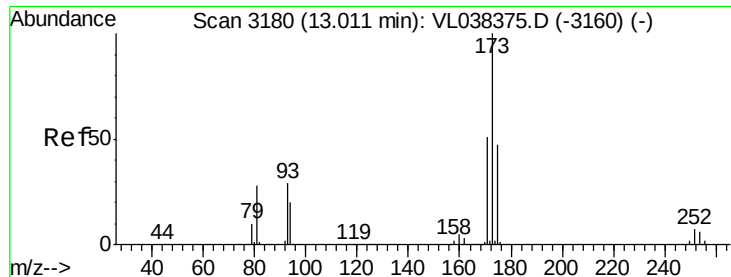


Abundance

Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V





#49

Bromoform

Concen: 9.730 ppbv

RT: 13.03

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 3 Mar 2022 12:11

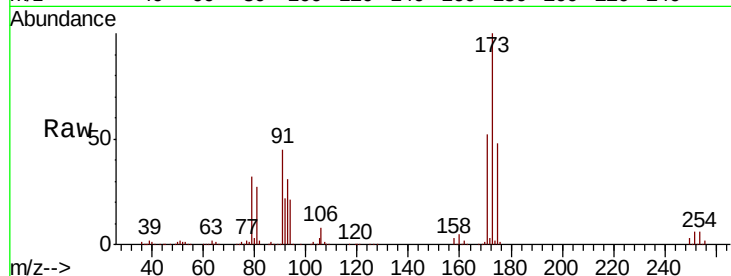
Tot Ion:173 Resp: 811752

Ion Ratio Lower Upper

173 100

175 51.1 40.2 60.2

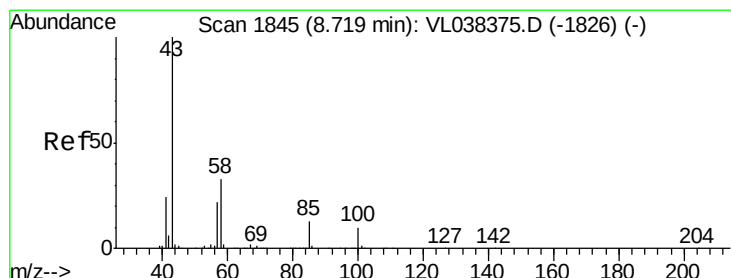
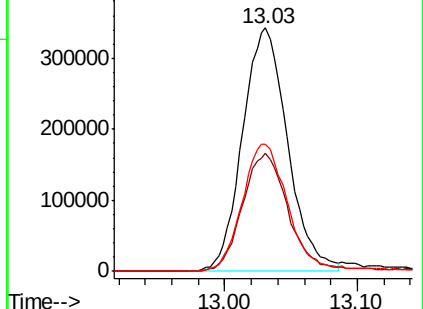
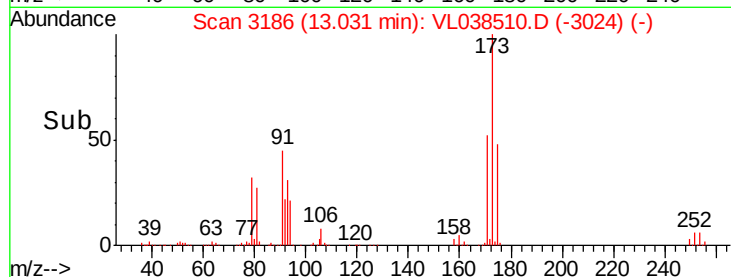
171 55.2 42.7 64.1



Abundance Ion 172.90 (172.60 to 173.60): V

Ion 174.90 (174.60 to 175.60): V

Ion 170.90 (170.60 to 171.60): V



#50

4-Methyl-2-Pentanone

Concen: 11.550 ppbv

RT: 8.74 min Scan# 1850

Delta R.T. 0.02 min

Lab File: VL038510.D

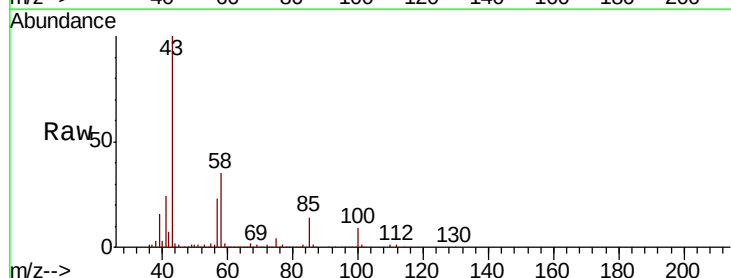
Acq: 3 Mar 2022 12:11

Tgt Ion: 43 Resp: 1272627

Ion Ratio Lower Upper

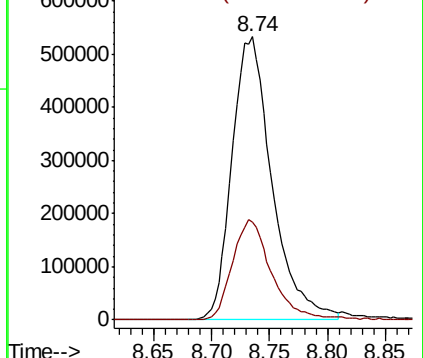
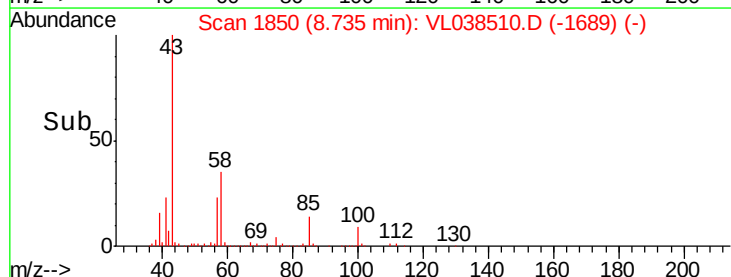
43 100

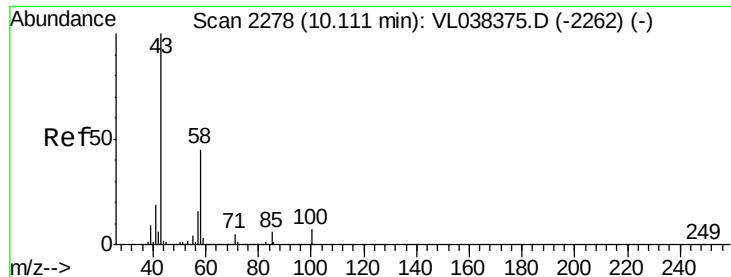
58 35.1 27.7 41.5



Abundance Ion 43.10 (42.80 to 43.80): VL0

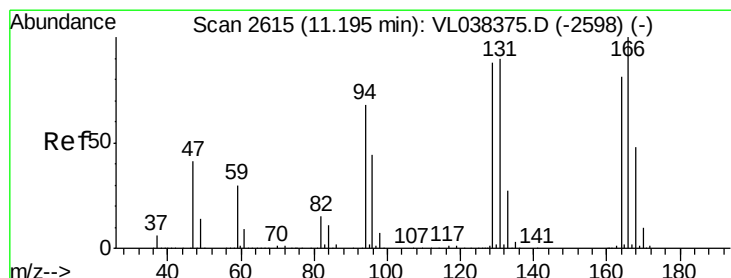
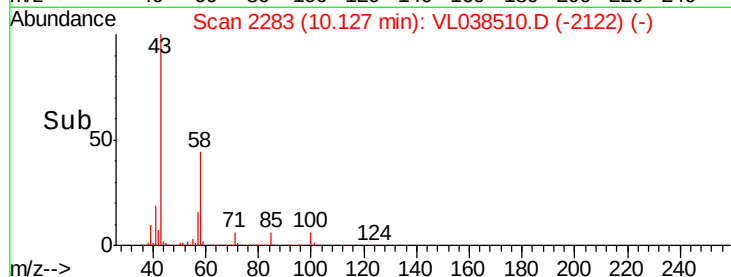
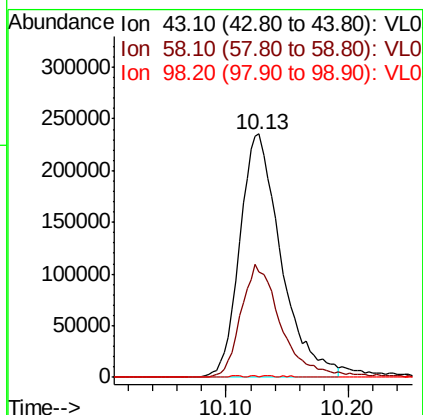
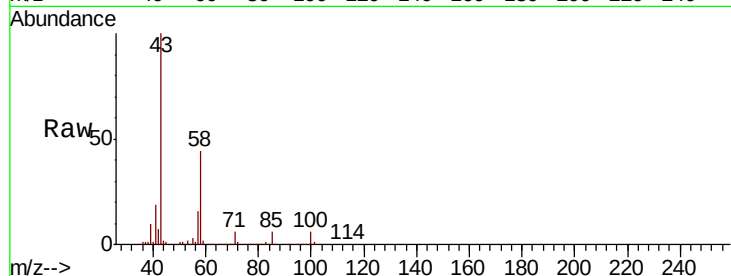
Ion 58.10 (57.80 to 58.80): VL0





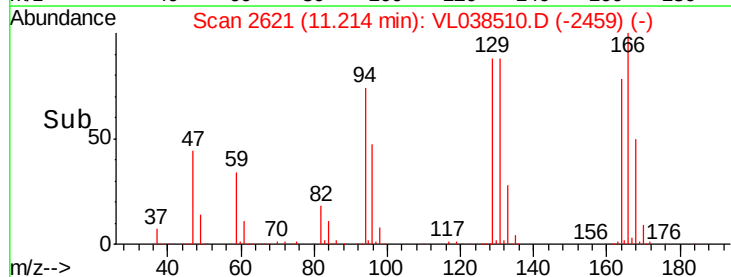
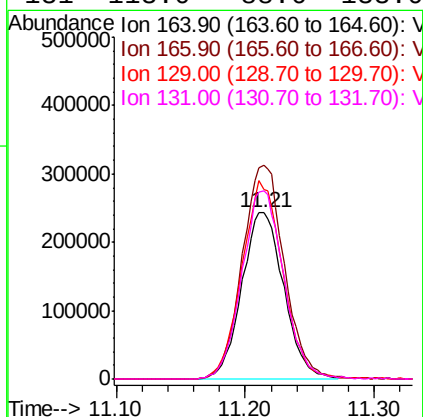
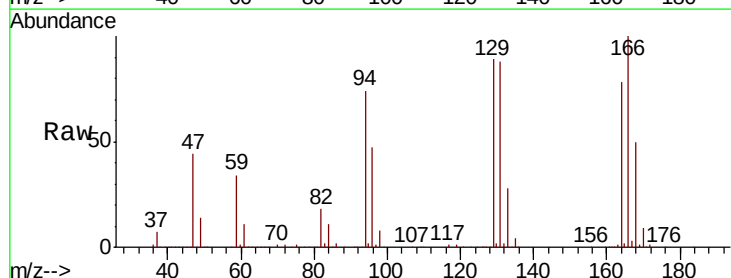
#51
2-Hexanone
Concen: 11.146 ppbv
RT: 10.13
Instrument: MSVOA_L
Delta R.T.:
Lab File: ClientSampleId : VL0303ABS01
Acq: 3 Mar 2022 12:11

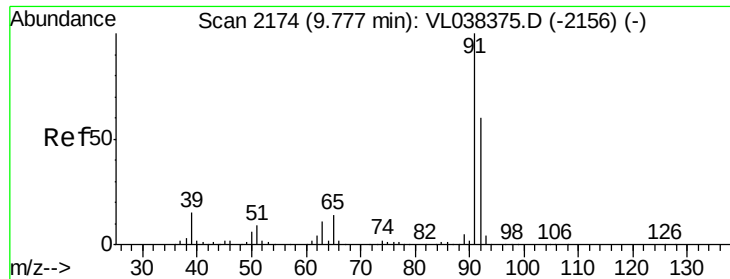
Tot Ion: 43 Resp: 549835
Ion Ratio Lower Upper
43 100
58 46.0 37.4 56.0
98 0.6 0.1 0.1#



#52
Tetrachloroethene
Concen: 9.549 ppbv
RT: 11.21 min Scan# 2621
Delta R.T. 0.02 min
Lab File: VL038510.D
Acq: 3 Mar 2022 12:11

Tgt Ion: 164 Resp: 552961
Ion Ratio Lower Upper
164 100
166 128.4 98.6 148.0
129 113.6 86.9 130.3
131 113.0 88.6 133.0





#53

Toluene

Concen: 10.769 ppbv

RT: 9.80 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

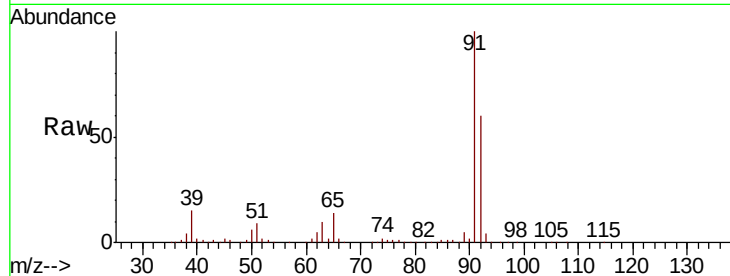
Acq: 3 Mar 2022 12:11 VL0303ABS01

Tot Ion: 91 Resp: 2039550

Ion Ratio Lower Upper

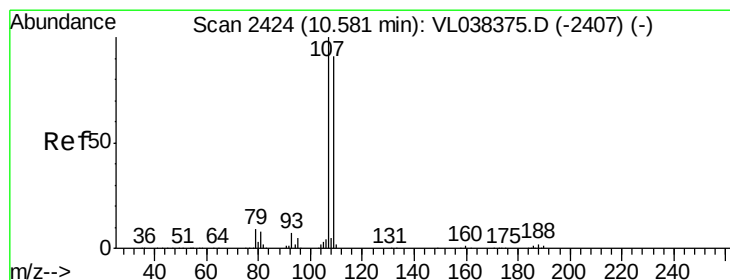
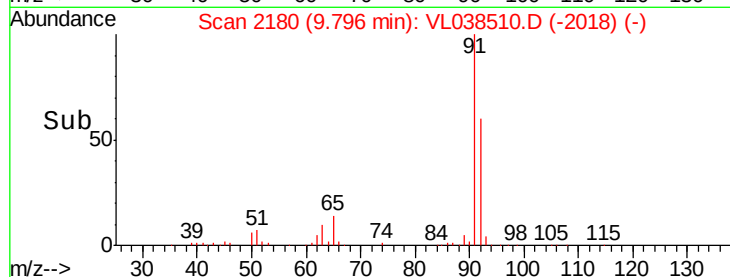
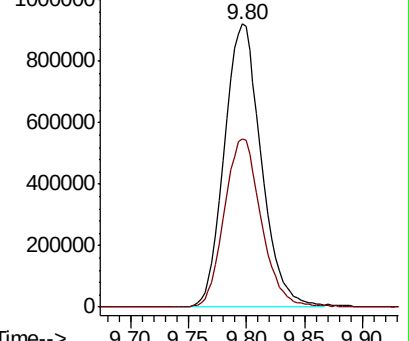
91 100

92 60.0 48.2 72.4



Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 92.10 (91.80 to 92.80): VL0



#54

1,2-Dibromoethane

Concen: 10.663 ppbv

RT: 10.60 min Scan# 2430

Delta R.T. 0.02 min

Lab File: VL038510.D

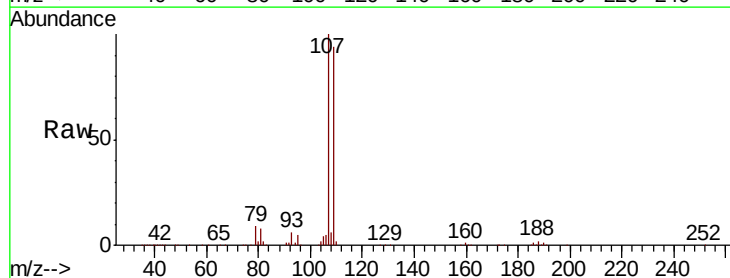
Acq: 3 Mar 2022 12:11

Tgt Ion: 107 Resp: 1037599

Ion Ratio Lower Upper

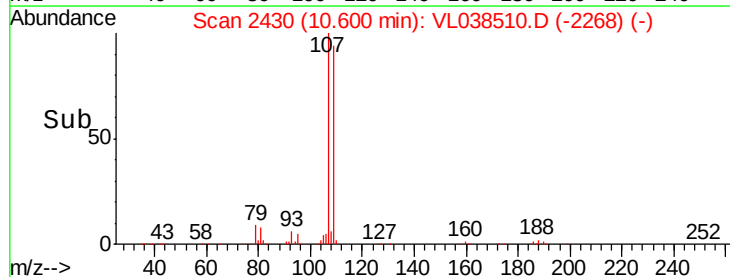
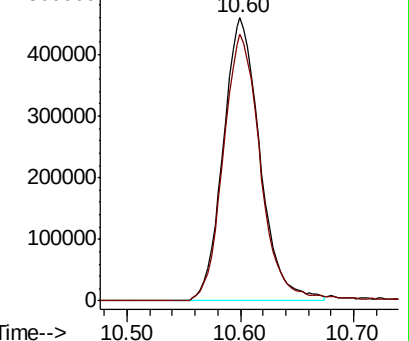
107 100

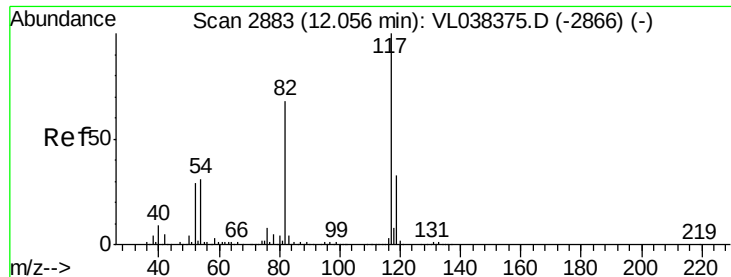
109 94.4 73.0 109.6



Abundance Ion 107.00 (106.70 to 107.70): V

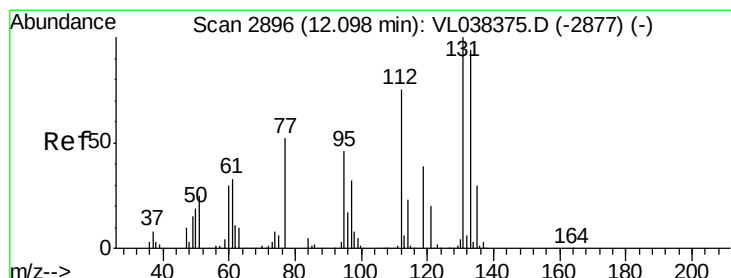
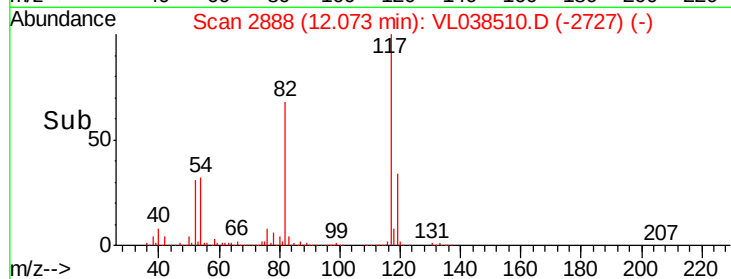
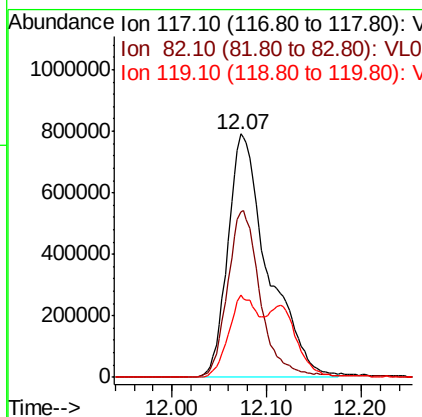
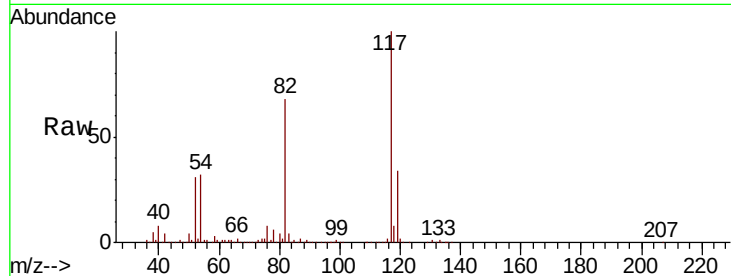
Ion 109.00 (108.70 to 109.70): V





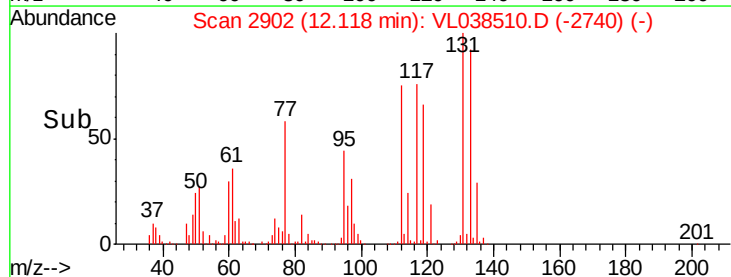
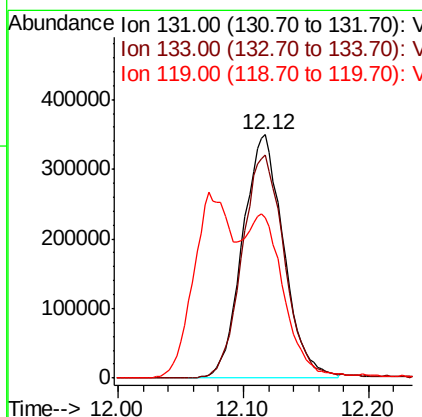
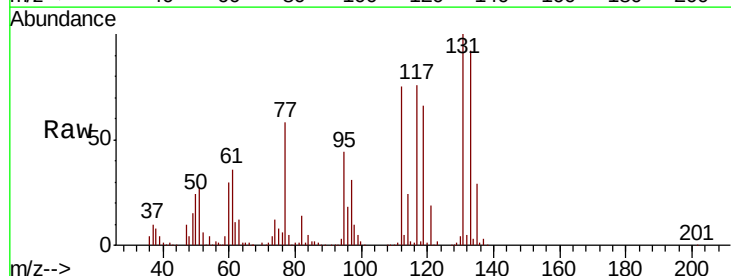
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.07 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
VL0303ABS01
Acq: 3 Mar 2022 12:11

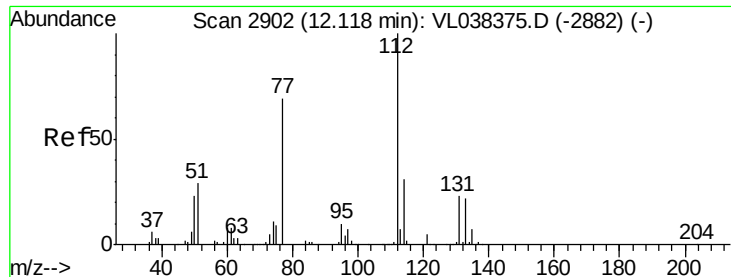
Tot Ion:117 Resp: 2333573
Ion Ratio Lower Upper
117 100
82 57.3 54.9 82.3
119 24.5 46.1 69.1#



#56
1,1,1,2-Tetrachloroethane
Concen: 8.191 ppbv
RT: 12.12 min Scan# 2902
Delta R.T. 0.02 min
Lab File: VL038510.D
Acq: 3 Mar 2022 12:11

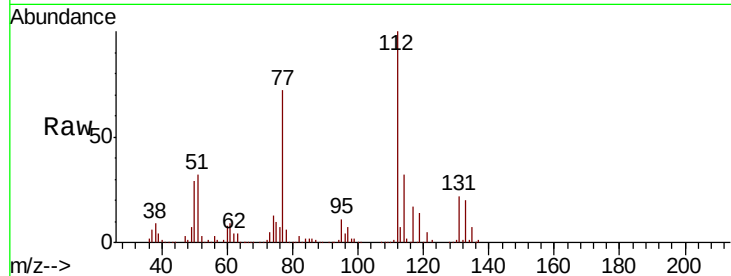
Tgt Ion:131 Resp: 796730
Ion Ratio Lower Upper
131 100
133 95.8 77.3 115.9
119 67.3 48.6 73.0



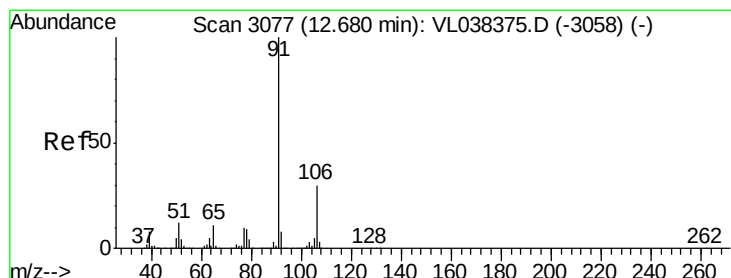
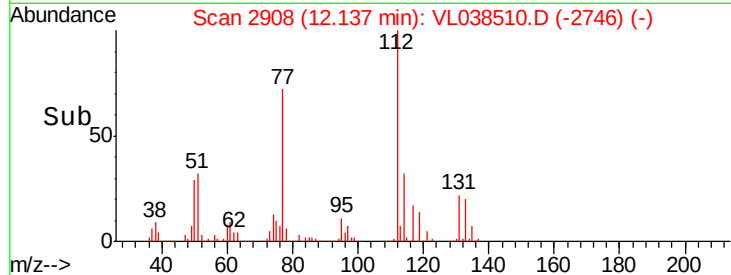
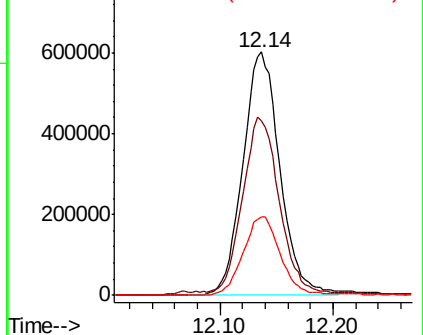


#57
Chlorobenzene
Concen: 7.622 ppbv
RT: 12.14 min
Instrument: MSVOA_1
Delta R.T.: 0.02 min
Lab File: VL0303ABS01
ClientSampleId:
Acq: 3 Mar 2022 12:11

Tot Ion: 112 Resp: 1372380
Ion Ratio Lower Upper
112 100
77 70.5 55.2 82.8
114 32.3 27.9 34.1

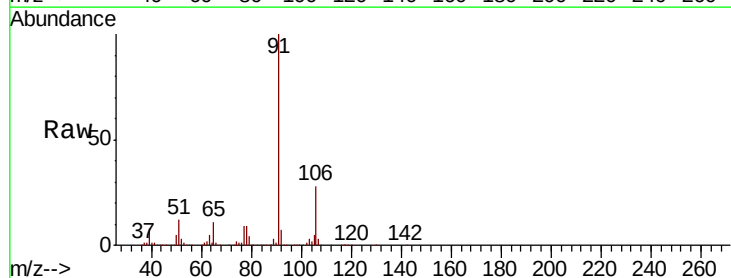


Abundance Ion 112.10 (111.80 to 112.80): V
Ion 77.10 (76.80 to 77.80): VL0
Ion 114.10 (113.80 to 114.80): V

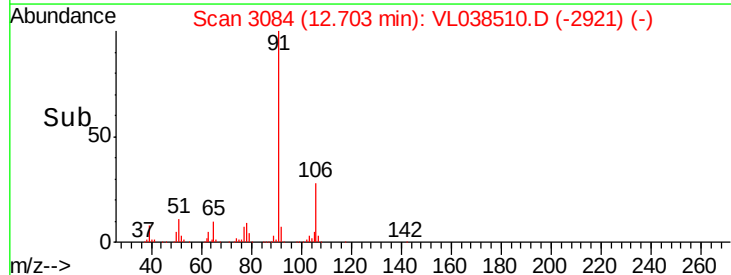
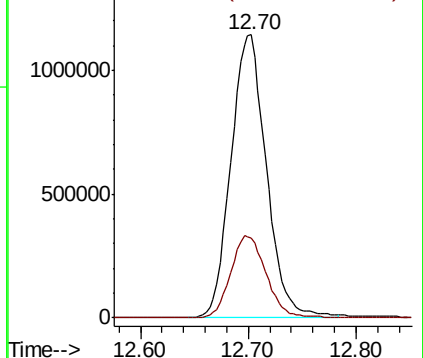


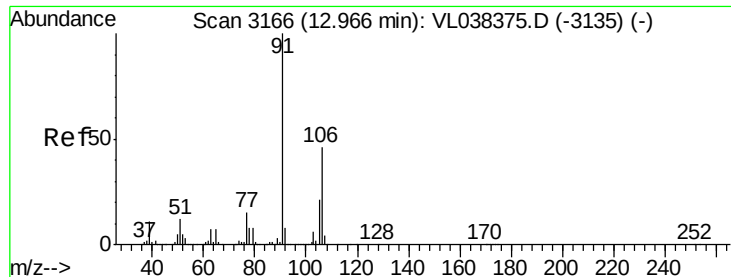
#58
Ethyl Benzene
Concen: 8.219 ppbv
RT: 12.70 min Scan# 3084
Delta R.T.: 0.02 min
Lab File: VL038510.D
Acq: 3 Mar 2022 12:11

Tgt Ion: 91 Resp: 2622611
Ion Ratio Lower Upper
91 100
106 28.1 24.0 36.0



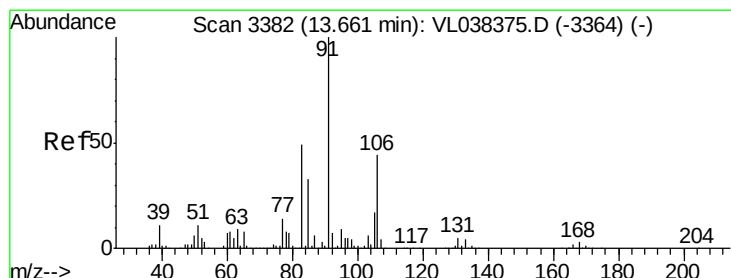
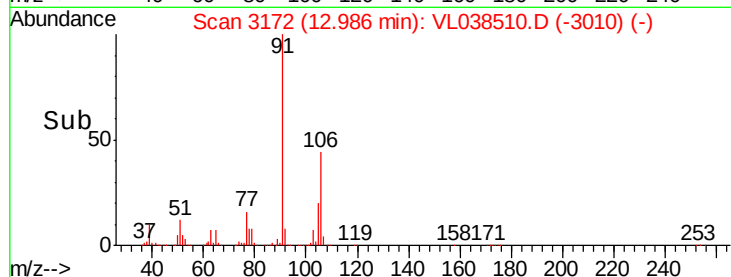
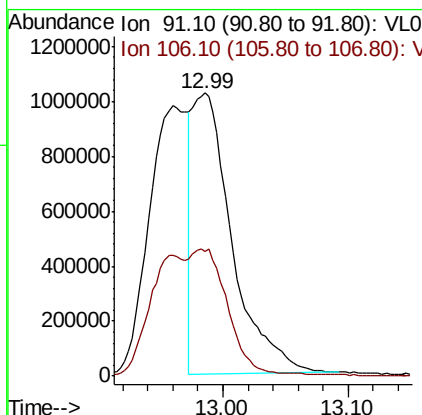
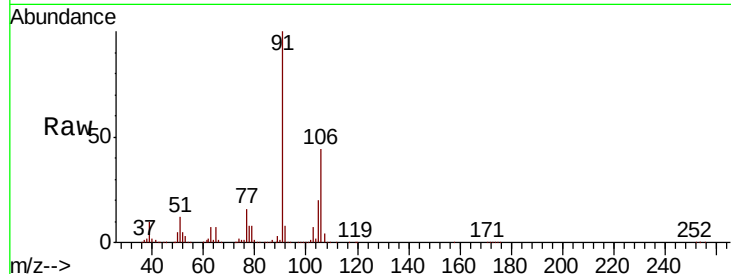
Abundance Ion 91.10 (90.80 to 91.80): VL0
Ion 106.10 (105.80 to 106.80): V





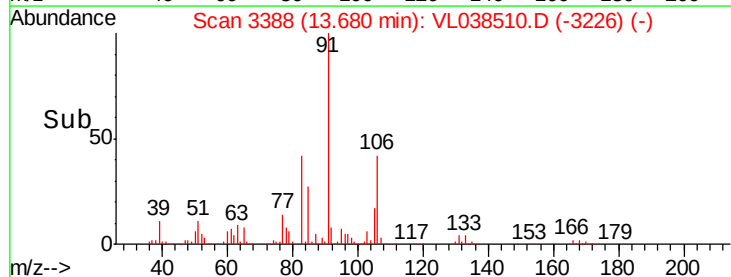
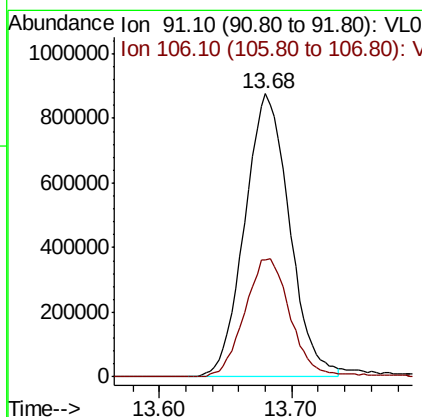
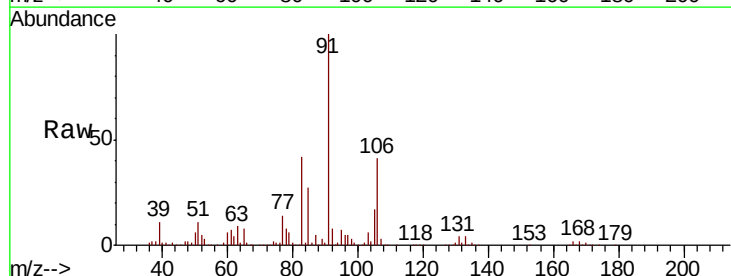
#59
m/p-Xylene
Concen: 8.144 ppbv
RT: 12.99
Delta R.T. MSVOA_L
Lab File: ClientSampleId : VL0303ABS01
Acq: 3 Mar 2022 12:11

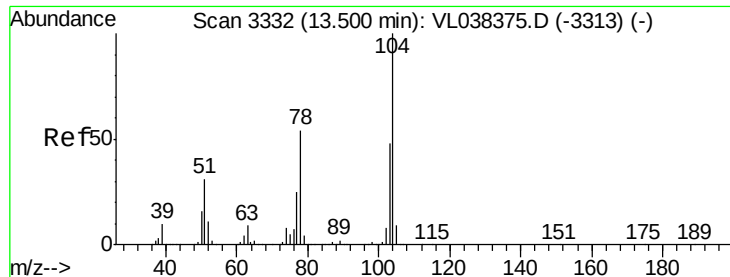
Tot Ion: 91 Resp: 2231878
Ion Ratio Lower Upper
91 100
106 84.1 34.4 51.6#



#60
o-Xylene
Concen: 7.930 ppbv
RT: 13.68 min Scan# 3388
Delta R.T. 0.02 min
Lab File: VL038510.D
Acq: 3 Mar 2022 12:11

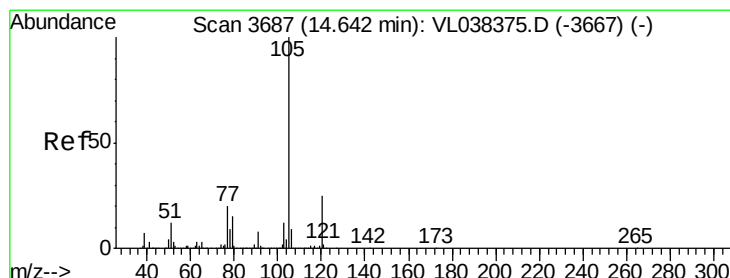
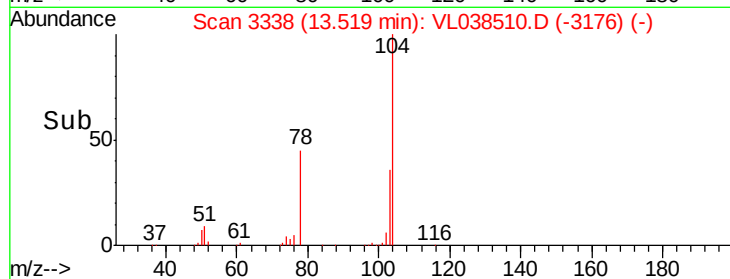
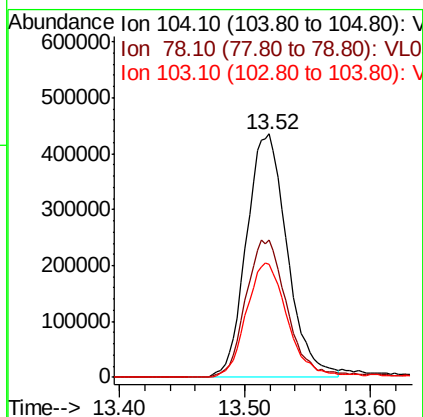
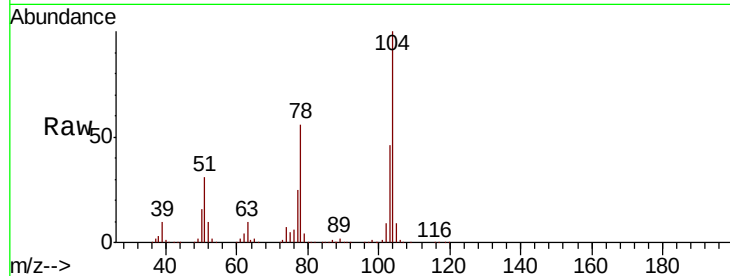
Tgt Ion: 91 Resp: 2054434
Ion Ratio Lower Upper
91 100
106 43.4 21.9 65.5





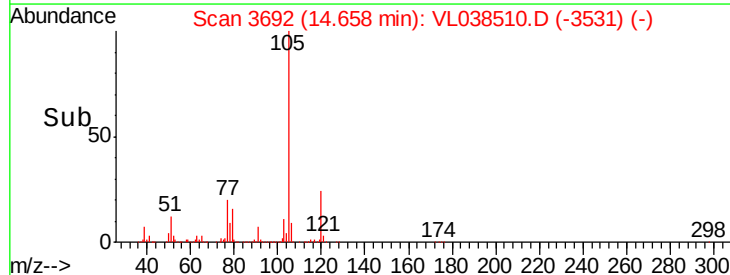
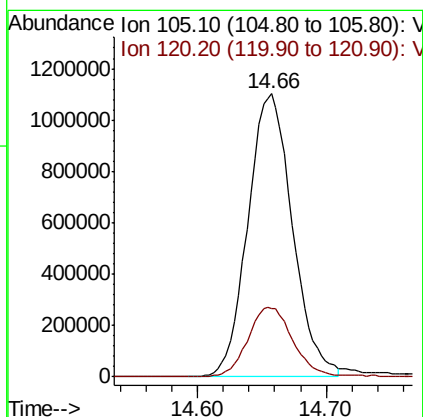
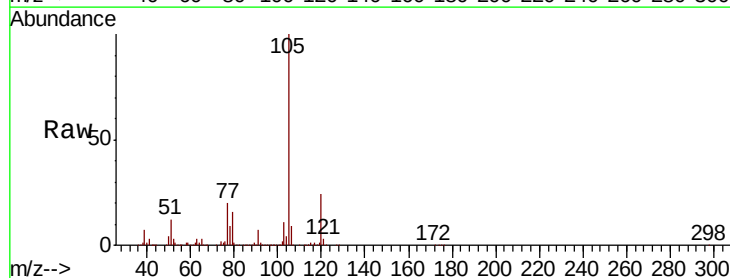
#61
Stvrene
Concen: 8.233 ppbv
RT: 13.52
Delta R.T. MSVOA_L
Lab File: ClientSampleId : VL0303ABS01
Acq: 3 Mar 2022 12:11

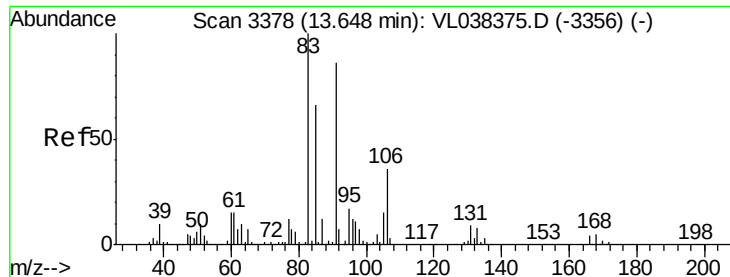
Tot Ion	Ratio	Lower	Upper
104	100		
78	58.4	44.2	66.4
103	48.4	38.4	57.6



#62
Isopropylbenzene
Concen: 7.613 ppbv
RT: 14.66 min Scan# 3692
Delta R.T. 0.02 min
Lab File: VL038510.D
Acq: 3 Mar 2022 12:11

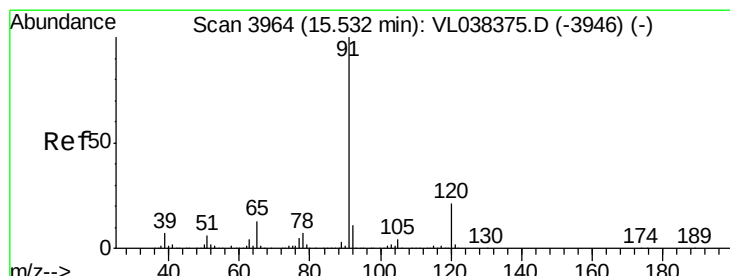
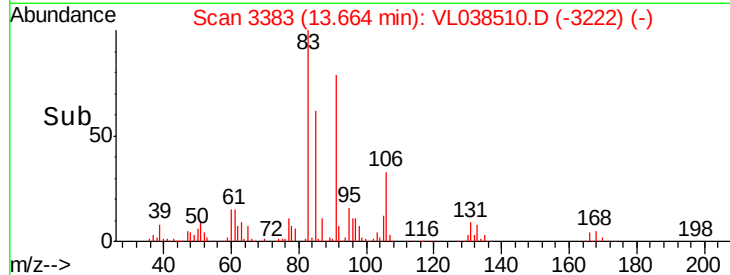
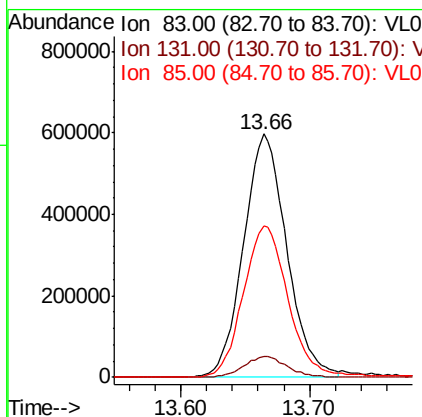
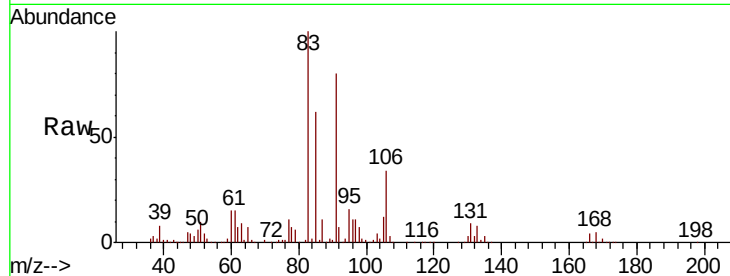
Tgt Ion	Ratio	Lower	Upper
105	100		
120	25.4	20.6	30.8





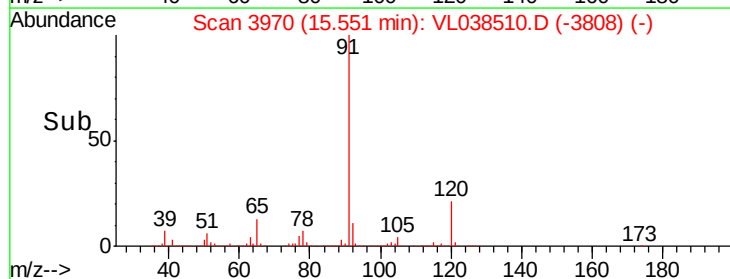
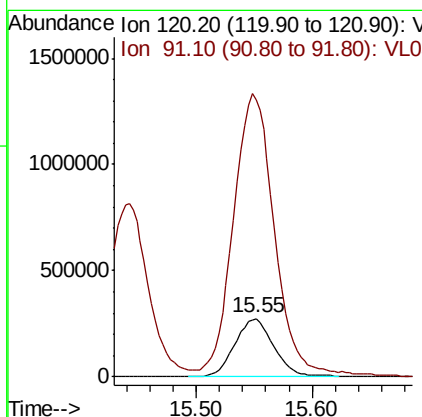
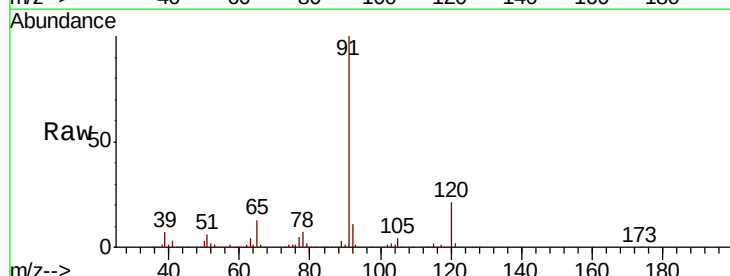
#63
 1,1,2,2-Tetrachloroethane
 Concen: 6.574 ppbv
 RT: 13.66 min
 Delta R.T. 0.02 min
 Lab File: VL0303ABS01
 Acq: 3 Mar 2022 12:11

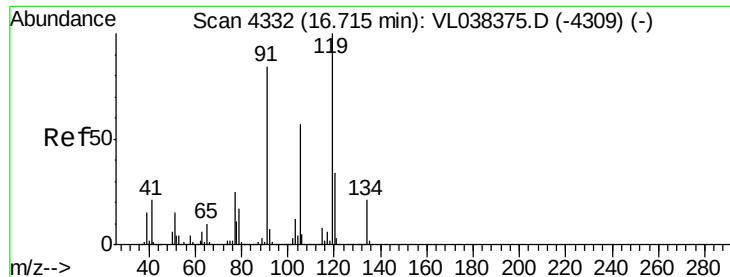
Tot Ion: 83 Resp: 1383840
 Ion Ratio Lower Upper
 83 100
 131 8.8 4.5 13.7
 85 66.1 33.0 99.0



#64
 n-propylbenzene
 Concen: 7.481 ppbv
 RT: 15.55 min Scan# 3970
 Delta R.T. 0.02 min
 Lab File: VL038510.D
 Acq: 3 Mar 2022 12:11

Tgt Ion: 120 Resp: 644038
 Ion Ratio Lower Upper
 120 100
 91 514.3 388.1 582.1

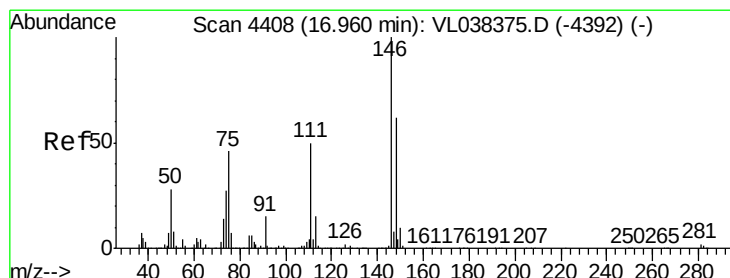
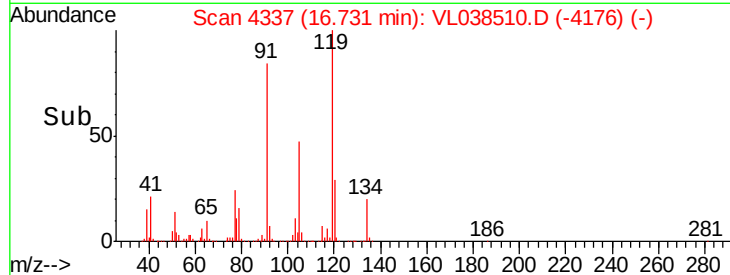
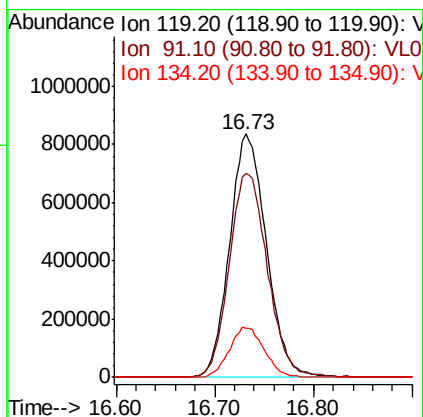
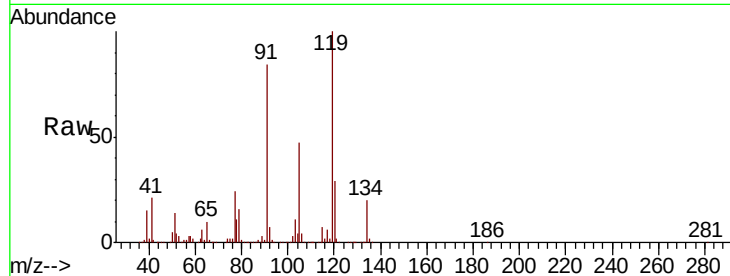




#65
 tert-Butylbenzene
 Concen: 7.213 ppbv
 RT: 16.73 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId : VL0303ABS01
 Acq: 3 Mar 2022 12:11

Tot Ion: 119 Resp: 2172192

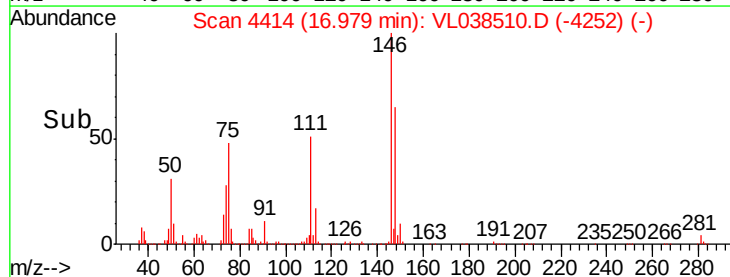
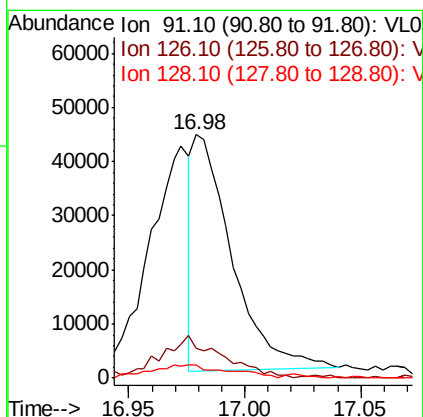
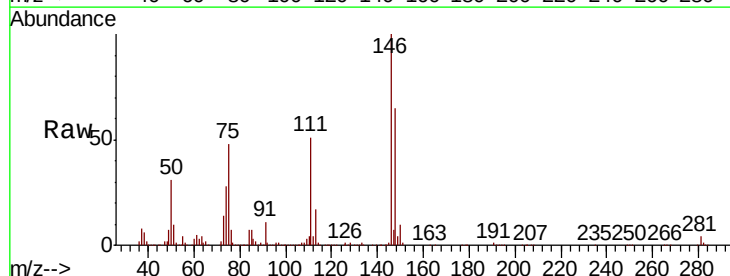
Ion	Ratio	Lower	Upper
119	100		
91	87.3	68.0	102.0
134	19.6	15.8	23.8

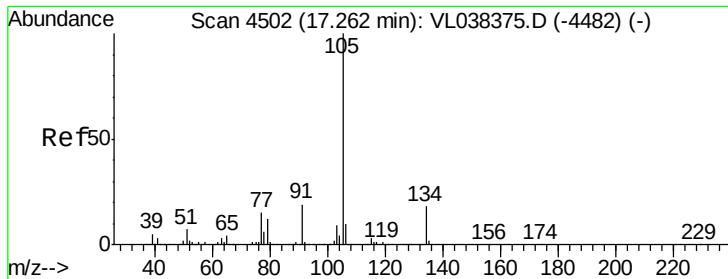


#66
 Benzyl Chloride
 Concen: 3.100 ppbv
 RT: 16.98 min Scan# 4414
 Delta R.T. 0.02 min
 Lab File: VL038510.D
 Acq: 3 Mar 2022 12:11

Tgt Ion: 91 Resp: 50456

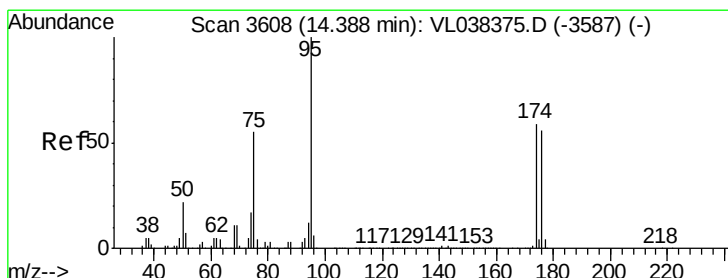
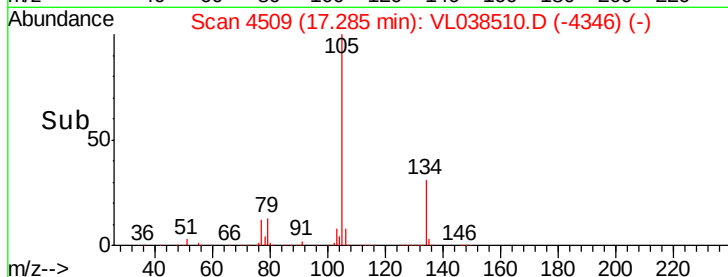
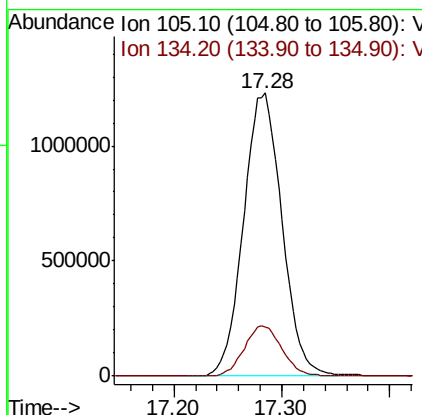
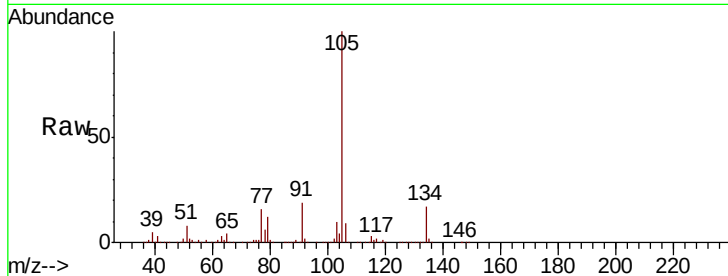
Ion	Ratio	Lower	Upper
91	100		
126	30.0	12.3	18.5#
128	12.8	4.2	6.4#





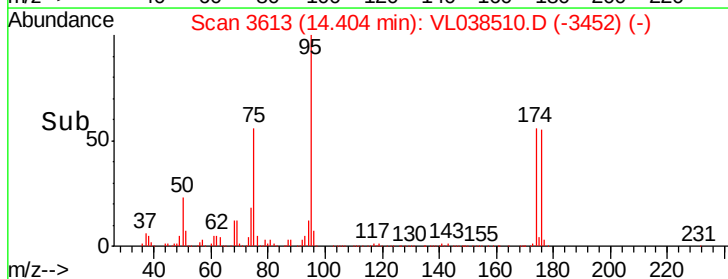
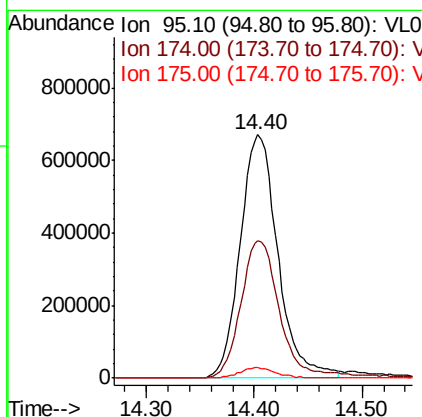
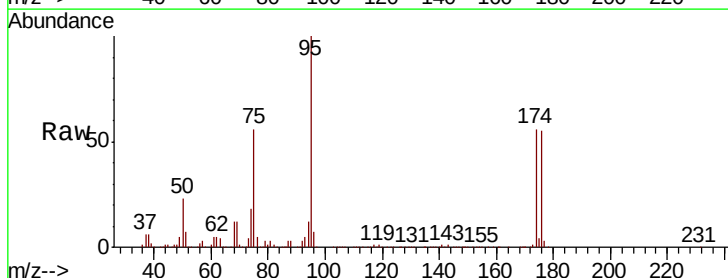
#67
 sec-Butylbenzene
 Concen: 7.134 ppbv
 RT: 17.28
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 VL0303ABS01
 Acq: 3 Mar 2022 12:11

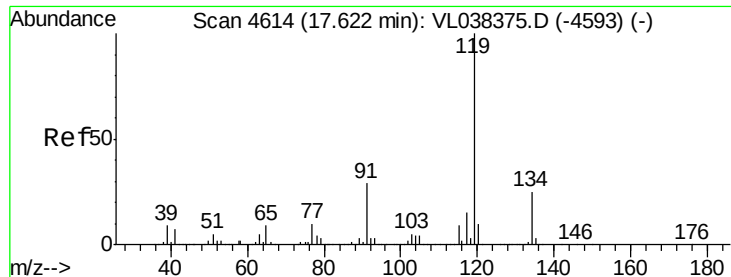
Tot Ion: 105 Resp: 3044230
 Ion Ratio Lower Upper
 105 100
 134 17.7 14.6 21.8



#68
 1-Bromo-4-Fluorobenzene
 Concen: 8.466 ppbv
 RT: 14.40 min Scan# 3613
 Delta R.T.: 0.02 min
 Lab File: VL038510.D
 Acq: 3 Mar 2022 12:11

Tgt Ion: 95 Resp: 1634665
 Ion Ratio Lower Upper
 95 100
 174 59.4 49.0 73.4
 175 4.3 3.6 5.4

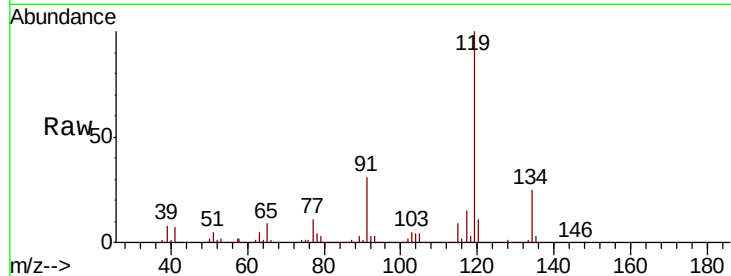




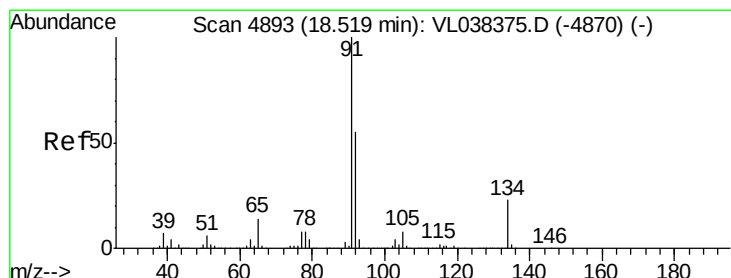
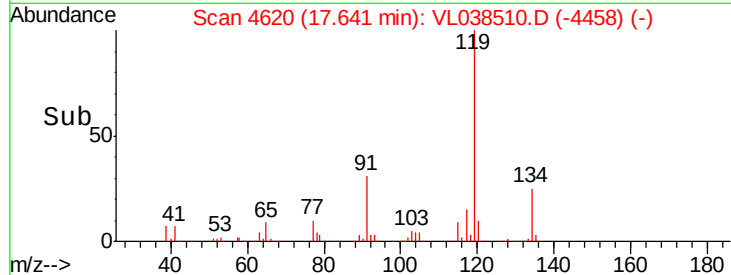
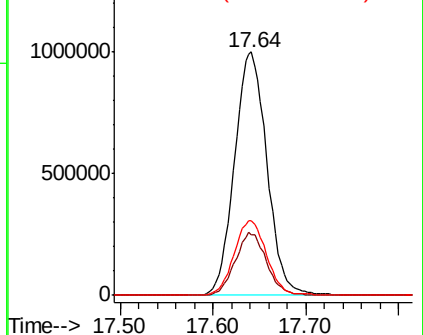
#69
 p-Isopropyltoluene
 Concen: 7.215 ppbv
 RT: 17.64 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId : VL0303ABS01
 Acq: 3 Mar 2022 12:11

Tot Ion: 119 Resp: 2418402

Ion	Ratio	Lower	Upper
119	100		
134	24.8	20.4	30.6
91	30.9	23.8	35.8



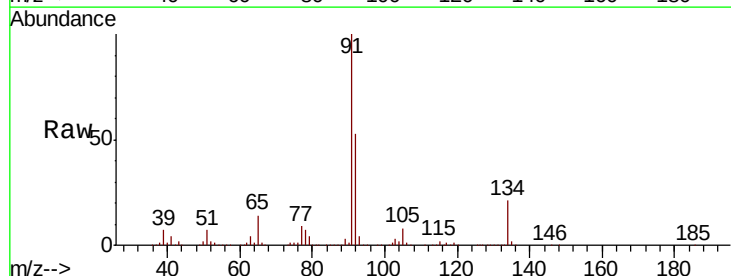
Abundance Ion 119.10 (118.80 to 119.80): VL038375.D (-4593) (-)
 Ion 134.20 (133.90 to 134.90): VL038375.D (-4593) (-)
 Ion 91.10 (90.80 to 91.80): VL038375.D (-4593) (-)



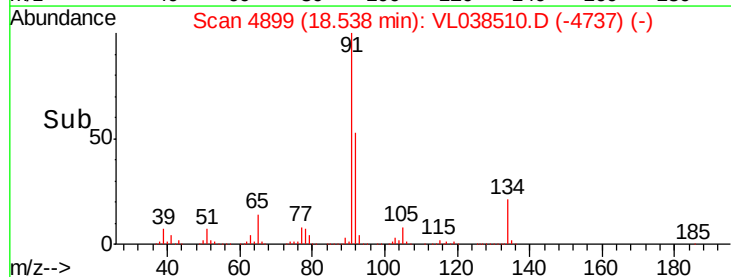
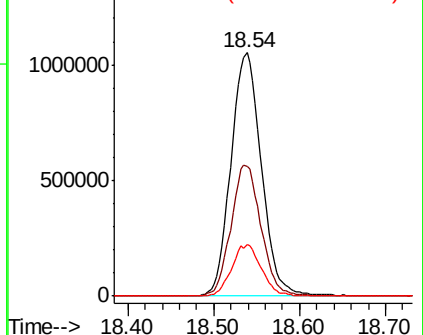
#70
 n-Butylbenzene
 Concen: 7.449 ppbv
 RT: 18.54 min Scan# 4899
 Delta R.T. 0.02 min
 Lab File: VL038510.D
 Acq: 3 Mar 2022 12:11

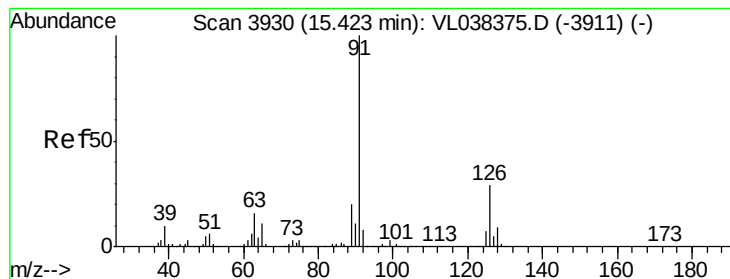
Tgt Ion: 91 Resp: 2583814

Ion	Ratio	Lower	Upper
91	100		
92	53.4	43.1	64.7
134	20.8	17.4	26.0



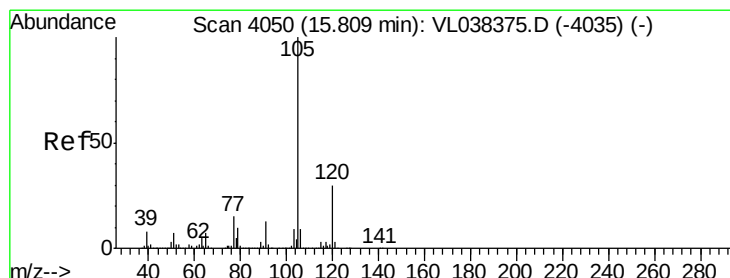
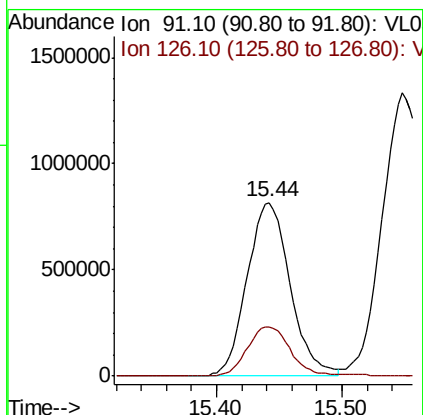
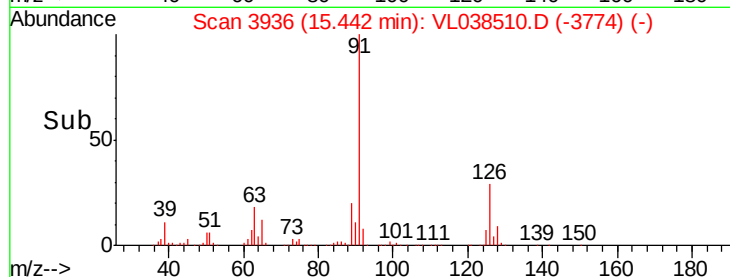
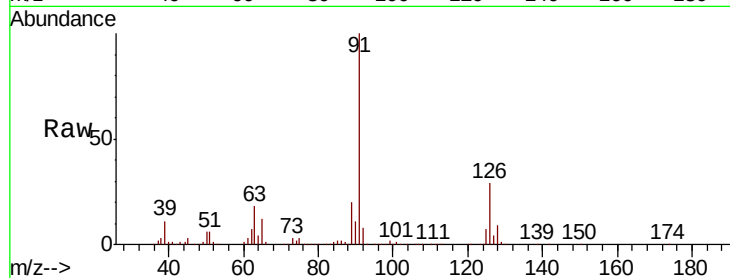
Abundance Ion 91.10 (90.80 to 91.80): VL038375.D (-4870) (-)
 Ion 92.10 (91.80 to 92.80): VL038375.D (-4870) (-)
 Ion 134.20 (133.90 to 134.90): VL038375.D (-4870) (-)





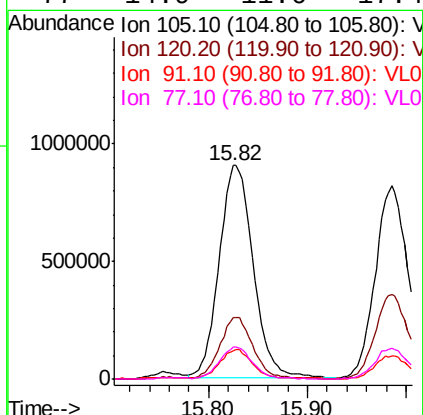
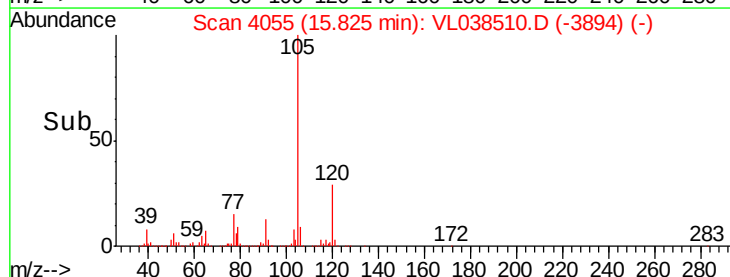
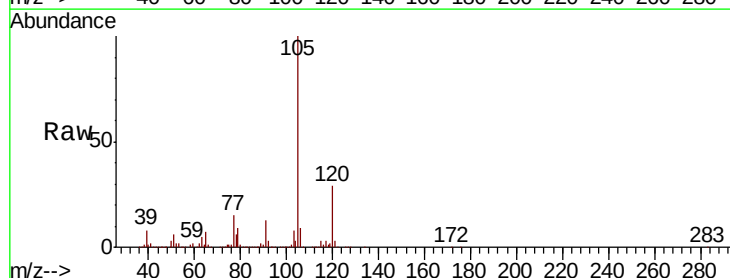
#71
 2-Chlorotoluene
 Concen: 7.314 ppbv
 RT: 15.44 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VL0303ABS01
 Acq: 3 Mar 2022 12:11

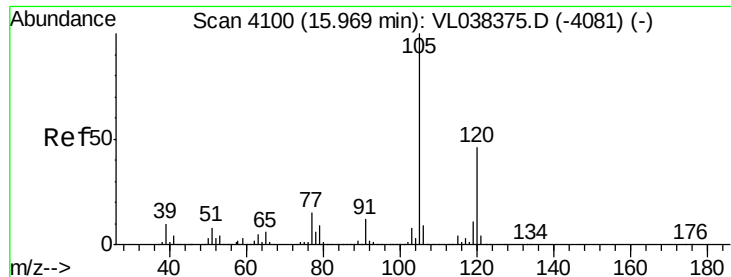
Tot Ion: 91 Resp: 1955481
 Ion Ratio Lower Upper
 91 100
 126 29.6 11.9 47.7



#72
 4-Ethyltoluene
 Concen: 7.650 ppbv
 RT: 15.82 min Scan# 4055
 Delta R.T. 0.02 min
 Lab File: VL038510.D
 Acq: 3 Mar 2022 12:11

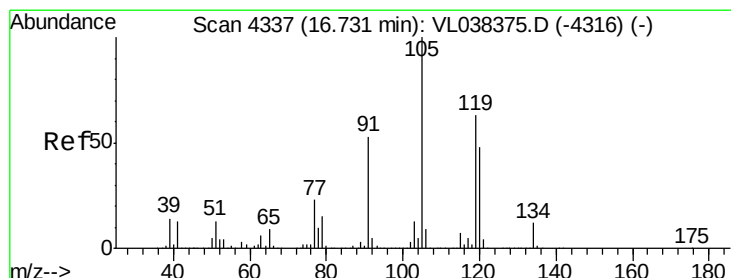
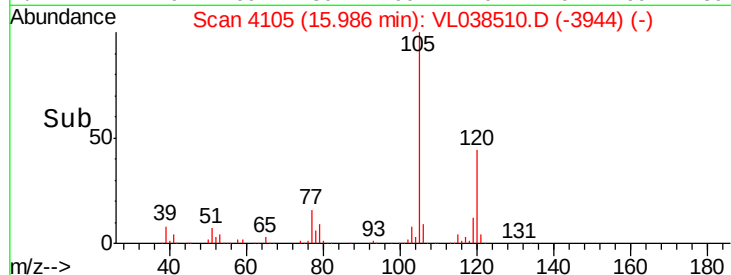
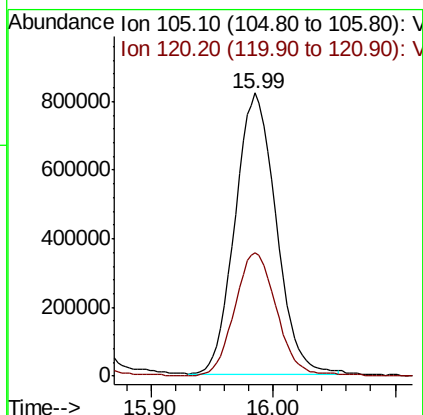
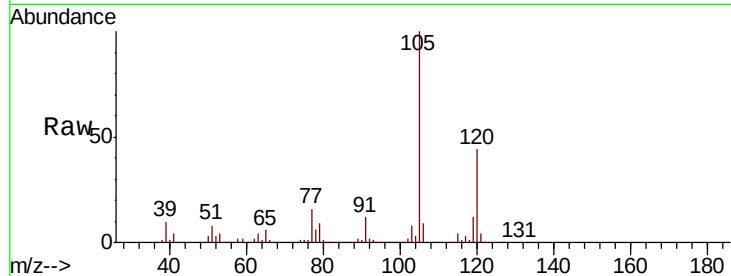
Tgt Ion:105 Resp: 2183726
 Ion Ratio Lower Upper
 105 100
 120 28.5 23.4 35.2
 91 13.2 10.4 15.6
 77 14.9 11.6 17.4





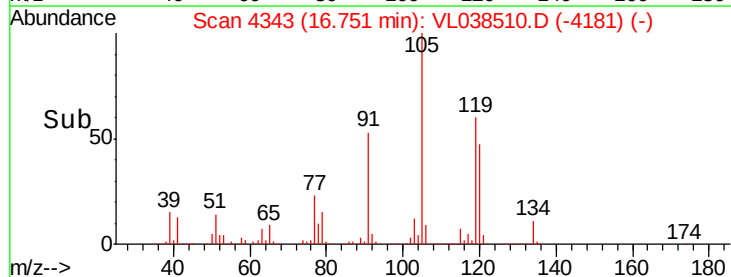
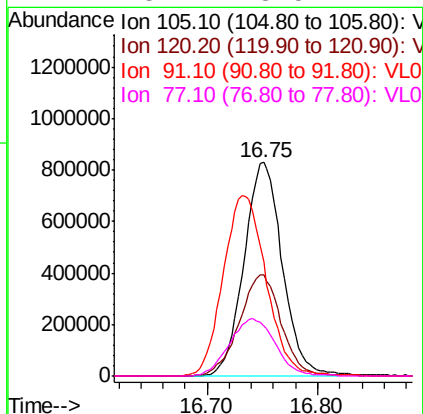
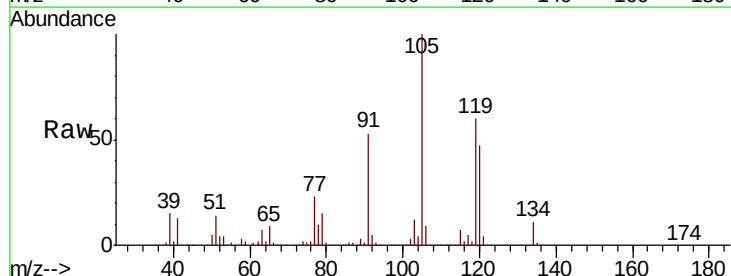
#73
 1,3,5-Trimethylbenzene
 Concen: 7.312 ppbv
 RT: 15.99 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId : VL0303ABS01
 Acq: 3 Mar 2022 12:11

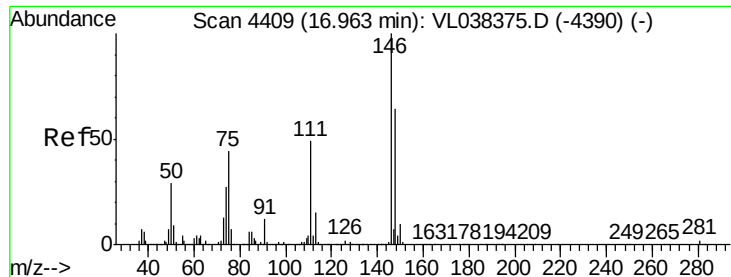
Tot Ion:105 Resp: 1895401
 Ion Ratio Lower Upper
 105 100
 120 43.9 36.6 55.0



#74
 1,2,4-Trimethylbenzene
 Concen: 7.271 ppbv
 RT: 16.75 min Scan# 4343
 Delta R.T.: 0.02 min
 Lab File: VL038510.D
 Acq: 3 Mar 2022 12:11

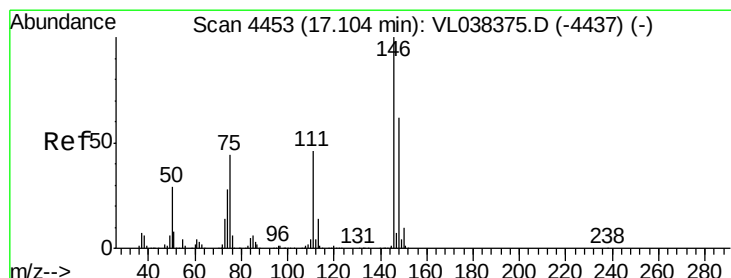
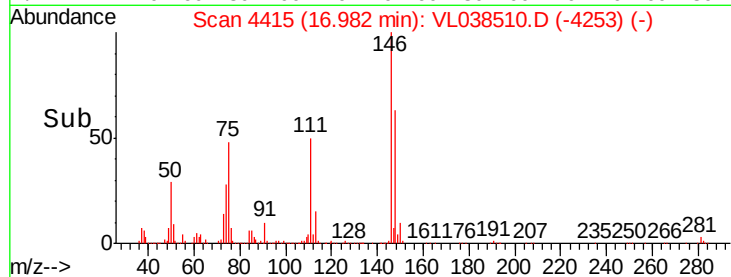
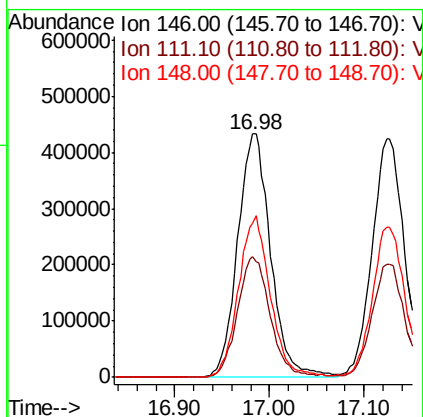
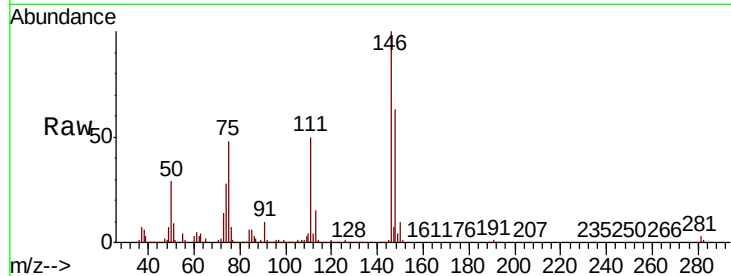
Tgt Ion:105 Resp: 1990023
 Ion Ratio Lower Upper
 105 100
 120 47.1 38.2 57.4
 91 52.9 42.7 64.1
 77 23.2 18.5 27.7





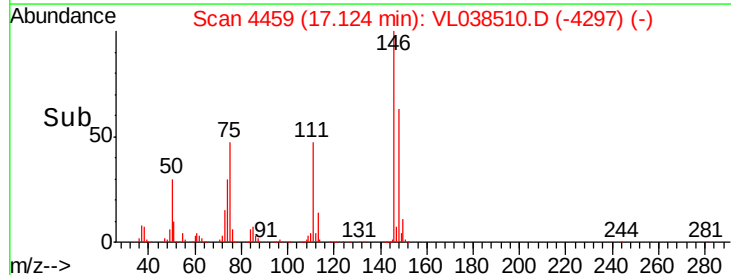
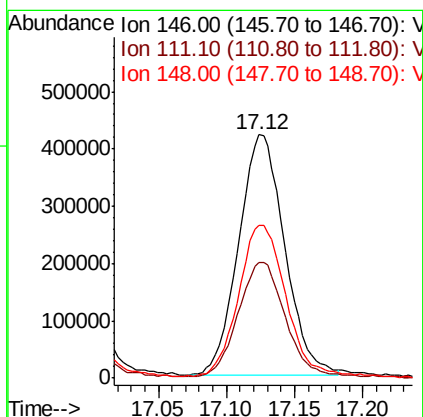
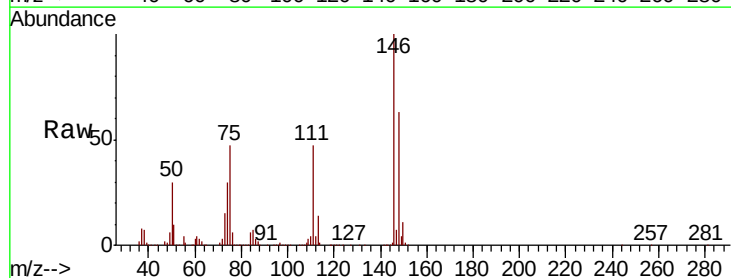
#75
 1,3-Dichlorobenzene
 Concen: 6.847 ppbv
 RT: 16.98
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId : VL0303ABS01
 Acq: 3 Mar 2022 12:11

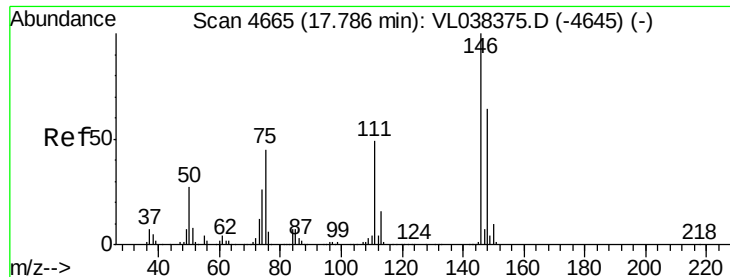
Tot Ion:146 Resp: 1049575
 Ion Ratio Lower Upper
 146 100
 111 49.5 24.3 72.9
 148 63.9 32.0 96.0



#76
 1,4-Dichlorobenzene
 Concen: 6.498 ppbv
 RT: 17.12 min Scan# 4459
 Delta R.T. 0.02 min
 Lab File: VL038510.D
 Acq: 3 Mar 2022 12:11

Tgt Ion:146 Resp: 982257
 Ion Ratio Lower Upper
 146 100
 111 49.8 24.1 72.2
 148 67.1 32.8 98.4





#77

1,2-Dichlorobenzene

Concen: 6.632 ppbv

RT: 17.80 min

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 3 Mar 2022 12:11

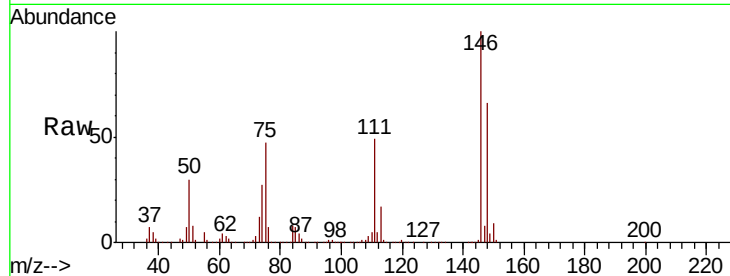
Tot Ion:146 Resp: 978599

Ion Ratio Lower Upper

146 100

111 51.8 25.6 76.6

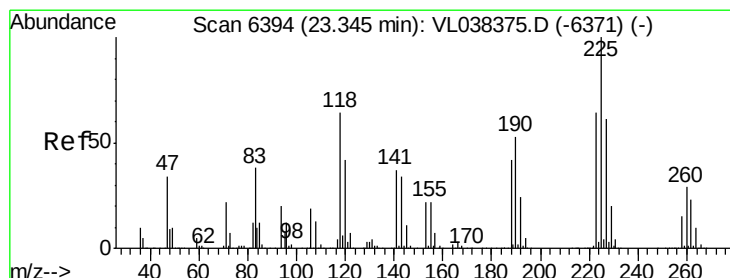
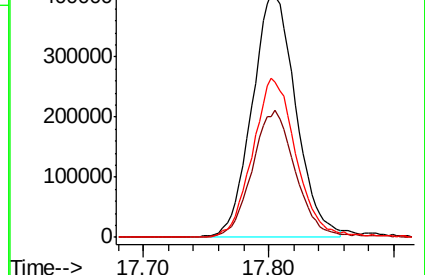
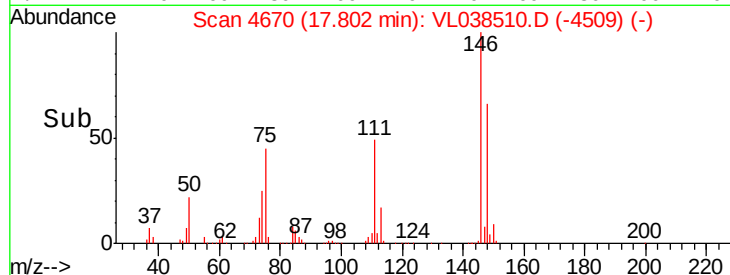
148 65.4 32.4 97.2



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: 7.010 ppbv

RT: 23.36 min Scan# 6399

Delta R.T. 0.02 min

Lab File: VL038510.D

Acq: 3 Mar 2022 12:11

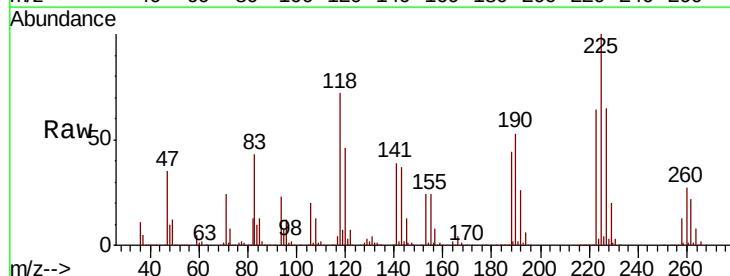
Tgt Ion:225 Resp: 788785

Ion Ratio Lower Upper

225 100

223 64.3 52.0 78.0

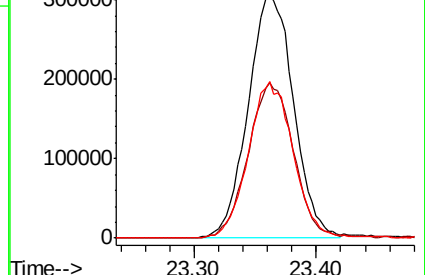
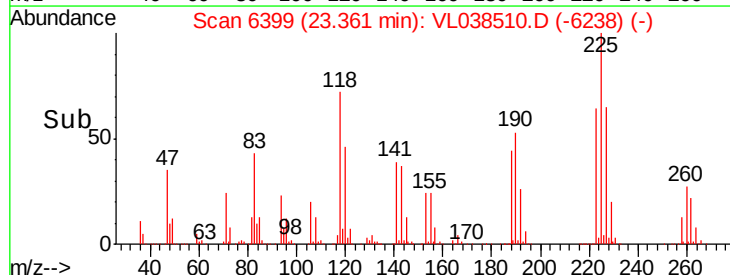
227 64.0 51.6 77.4

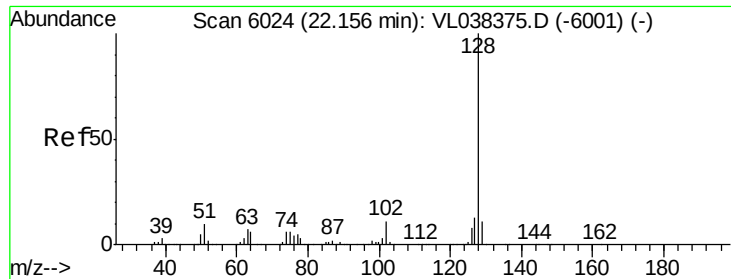


Abundance Ion 224.90 (224.60 to 225.60): V

Ion 222.90 (222.60 to 223.60): V

Ion 226.90 (226.60 to 227.60): V

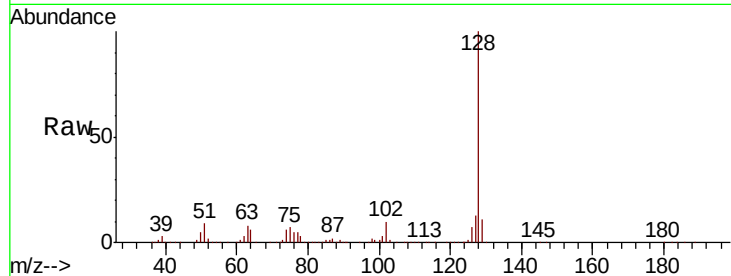




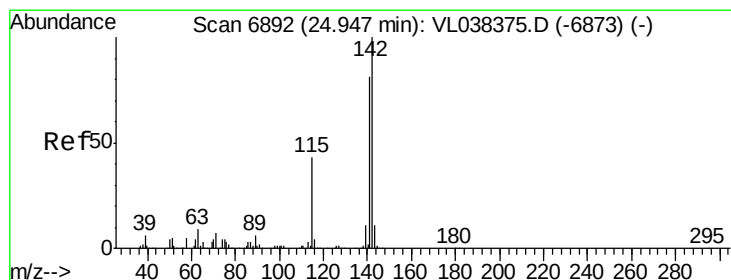
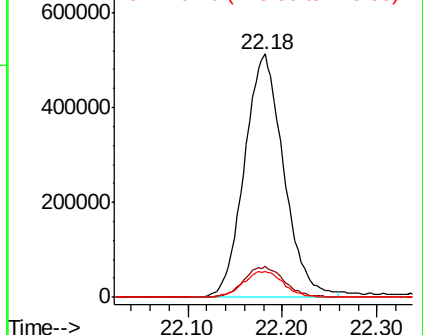
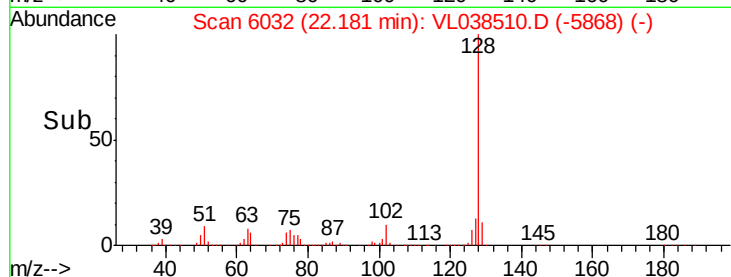
#79
Naphthalene
Concen: 9.945 ppbv
RT: 22.18 min
Delta R.T. MSVOA_L
Lab File: ClientSampleId : VL0303ABS01
Acq: 3 Mar 2022 12:11

Tot Ion:128 Resp: 1474659

Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.7	16.1
129	10.5	8.8	13.2



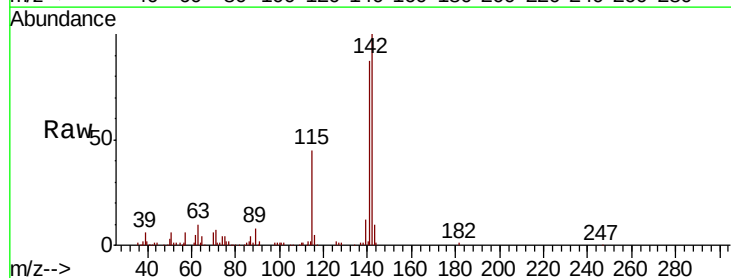
Abundance Ion 128.10 (127.80 to 128.80): V
Ion 127.10 (126.80 to 127.80): V
Ion 129.10 (128.80 to 129.80): V



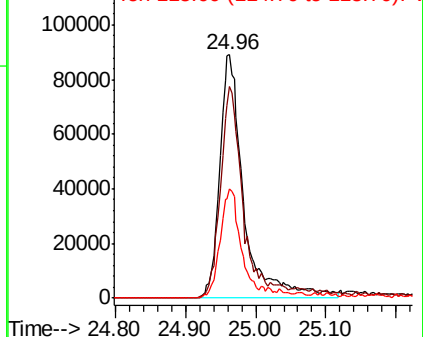
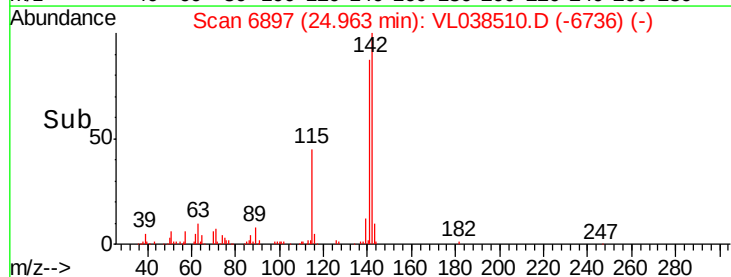
#80
Naphthalene, 2-methyl-
Concen: 7.358 ppbv
RT: 24.96 min Scan# 6897
Delta R.T. 0.02 min
Lab File: VL038510.D
Acq: 3 Mar 2022 12:11

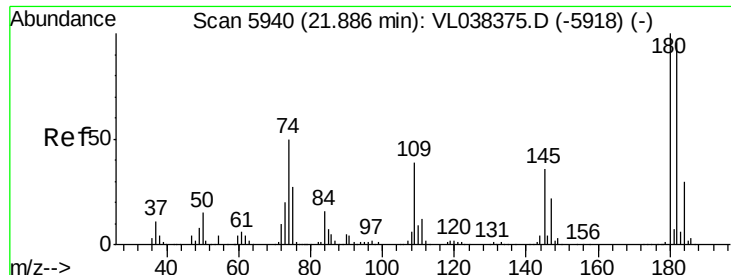
Tgt Ion:142 Resp: 213233

Ion	Ratio	Lower	Upper
142	100		
141	85.2	69.8	104.6
115	44.1	33.0	49.6



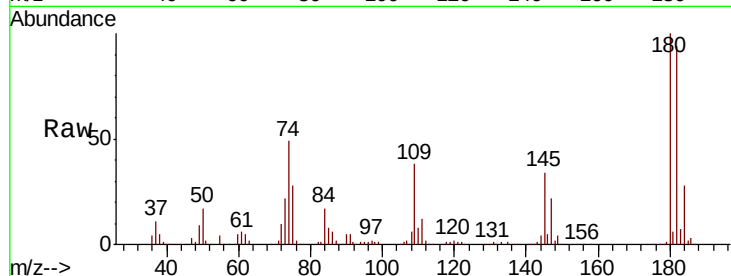
Abundance Ion 142.00 (141.70 to 142.70): V
Ion 141.00 (140.70 to 141.70): V
Ion 115.00 (114.70 to 115.70): V





#81
 1,2,4-Trichlorobenzene
 Concen: 8.802 ppbv
 RT: 21.91
 Delta R.T: MSVOA_L
 Lab File: ClientSampleId :
 VL0303ABS01
 Acq: 3 Mar 2022 12.11

Tot Ion	Ratio	Lower	Upper
180	100		
182	97.2	77.4	116.2
184	30.8	24.9	37.3



Abundance

Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 184.00 (183.70 to 184.70): V

