

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL030222\
 Data File : VL038506.D
 Acq On : 3 Mar 2022 6:32
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Mar 03 07:09:15 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL022222AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue 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	5.67	49	866753	10.00	ppbv	0.03
33) 1,4-Difluorobenzene	7.18	114	2035391	10.00	ppbv	0.03
55) Chlorobenzene-d5	12.09	117	2477889	10.00	ppbv	0.03

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.42	95	1731120	8.44	ppbv	0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	84.40%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	3.06	85	1841661	13.415	ppbv 98
3) Chlorodifluoromethane	3.00	51	1526147	9.971	ppbv 99
4) Chloromethane	3.15	50	516703	9.716	ppbv 100
5) Vinyl Chloride	3.27	62	522510	9.399	ppbv 97
6) Bromomethane	3.48	94	293698	10.015	ppbv 100
7) Chloroethane	3.56	64	187873	10.522	ppbv 99
8) Dichlorotetrafluoroethane	3.20	85	1310876	10.265	ppbv 100
9) Propene	3.02	41	486153	9.620	ppbv 99
10) Heptane	8.13	43	1316484	10.702	ppbv 99
11) Trichlorofluoromethane	3.96	101	1350754	10.277	ppbv 94
12) 1,1,2-Trichlorotrifluoroet	4.49	101	969598	10.062	ppbv 100
13) Ethanol	3.62	45	11822	2.344	ppbv # 31
14) Bromoethene	3.75	108	387037	10.082	ppbv 98
15) Acetone	3.86	43	667470	9.055	ppbv 100
16) 1,3-Butadiene	3.34	39	512367	10.407	ppbv 96
17) tert-Butyl alcohol	4.29	59	670189	9.114	ppbv 100
18) 1,1-Dichloroethene	4.30	96	426889	10.090	ppbv 97
19) Isopropyl Alcohol	3.97	45	348401	8.163	ppbv # 94
20) Methylene Chloride	4.35	84	347254	9.508	ppbv 97
21) Allyl Chloride	4.42	41	612943	9.846	ppbv 99
22) trans-1,2-Dichloroethene	4.89	96	436770	10.232	ppbv 99
23) Vinyl Acetate	5.08	43	937985	9.603	ppbv 99
24) 1,1-Dichloroethane	5.01	63	889099	10.124	ppbv 99
25) Ethyl Acetate	5.68	43	2059767	10.401	ppbv 99
26) Hexane	5.69	57	932910	10.403	ppbv 99
27) Carbon Disulfide	4.56	76	1052223	10.548	ppbv 99
28) Methyl tert-Butyl Ether	5.04	73	921024	10.083	ppbv 99
29) Chloroform	5.76	83	1542075	10.536	ppbv 98
30) Cyclohexane	7.14	84	771628	10.521	ppbv 99
31) cis-1,2-Dichloroethene	5.56	61	959441	11.043	ppbv 97
32) 1,1,1-Trichloroethane	6.52	97	1538508	10.452	ppbv 99
34) 2-Butanone	5.25	43	870218	13.594	ppbv 99
35) Carbon Tetrachloride	7.02	117	1584153	11.068	ppbv 98
36) Benzene	6.90	78	1915622	10.691	ppbv 97
37) 1,2-Dichloroethane	6.31	62	1166066	11.262	ppbv 99
38) Trichloroethene	7.84	130	680532	10.427	ppbv 98
39) 1,2-Dichloropropane	7.62	63	763690	10.700	ppbv 96
40) 1,4-Dioxane	7.83	88	167481	9.893	ppbv # 1
41) Tetrahydrofuran	6.06	42	481538	11.133	ppbv 99
42) Bromodichloromethane	7.80	83	1672641	11.187	ppbv 100
43) Methyl Methacrylate	8.01	69	718945	11.542	ppbv 100

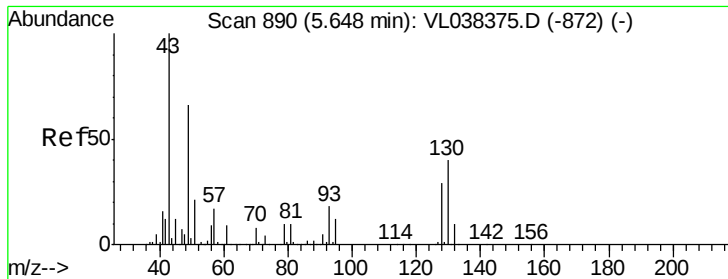
Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL030222\
 Data File : VL038506.D
 Acq On : 3 Mar 2022 6:32
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Quant Time: Mar 03 07:09:15 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL022222AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: 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)
44) 2,2,4-Trimethylpentane	7.87	57	3312112	10.754	ppbv	99
45) t-1,3-Dichloropropene	9.28	75	546007	10.968	ppbv	98
46) cis-1,3-Dichloropropene	8.71	75	695216	10.655	ppbv	98
47) 1,1,2-Trichloroethane	9.48	97	774918	10.913	ppbv	99
48) Dibromochloromethane	10.31	129	1339990	11.541	ppbv	100
49) Bromoform	13.04	173	1053632	12.294	ppbv	98
50) 4-Methyl-2-Pentanone	8.74	43	1337639	11.819	ppbv	100
51) 2-Hexanone	10.14	43	600013	11.841	ppbv #	99
52) Tetrachloroethene	11.23	164	609042	10.239	ppbv	97
53) Toluene	9.81	91	2159196	11.098	ppbv	100
54) 1,2-Dibromoethane	10.61	107	1126893	11.274	ppbv	100
56) 1,1,1,2-Tetrachloroethane	12.13	131	892947	8.646	ppbv	100
57) Chlorobenzene	12.15	112	1550120	8.108	ppbv	96
58) Ethyl Benzene	12.71	91	2959590	8.734	ppbv	99
59) m/p-Xylene	13.00	91	2817956	9.684	ppbv #	49
60) o-Xylene	13.70	91	2419423	8.795	ppbv	99
61) Styrene	13.53	104	1208619	9.526	ppbv	99
62) Isopropylbenzene	14.67	105	3185474	8.628	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.68	83	1791021	8.013	ppbv	99
64) n-propylbenzene	15.56	120	803801	8.793	ppbv	95
65) tert-Butylbenzene	16.74	119	2777583	8.686	ppbv	99
66) Benzyl Chloride	16.99	91	155283	8.986	ppbv	98
67) sec-Butylbenzene	17.29	105	3947532	8.712	ppbv	99
69) p-Isopropyltoluene	17.65	119	3178627	8.931	ppbv	98
70) n-Butylbenzene	18.55	91	3461666	9.399	ppbv	99
71) 2-Chlorotoluene	15.46	91	2497551	8.797	ppbv	99
72) 4-Ethyltoluene	15.84	105	2758062	9.100	ppbv	98
73) 1,3,5-Trimethylbenzene	16.00	105	2482050	9.017	ppbv	98
74) 1,2,4-Trimethylbenzene	16.76	105	2615206	8.999	ppbv	98
75) 1,3-Dichlorobenzene	17.00	146	1397217	8.584	ppbv	98
76) 1,4-Dichlorobenzene	17.14	146	698450	4.352	ppbv #	25
77) 1,2-Dichlorobenzene	17.82	146	1340443	8.555	ppbv	99
78) Hexachloro-1,3-Butadiene	23.38	225	465247	3.894	ppbv #	9
79) Naphthalene	22.19	128	1698781	10.789	ppbv	99
80) Naphthalene, 2-methyl-	24.97	142	250695	8.147	ppbv	97
81) 1,2,4-Trichlorobenzene	21.92	180	957022	10.053	ppbv	98

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



#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.67 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 3 Mar 2022 8:32

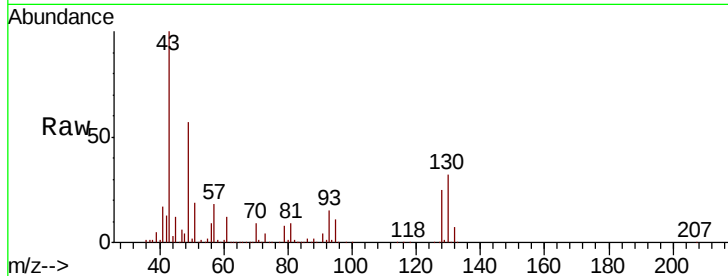
Tot Ion: 49 Resp: 866753

Ion Ratio Lower Upper

49 100

128 47.2 24.3 72.9

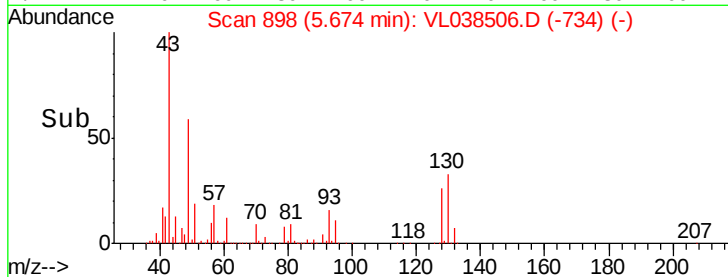
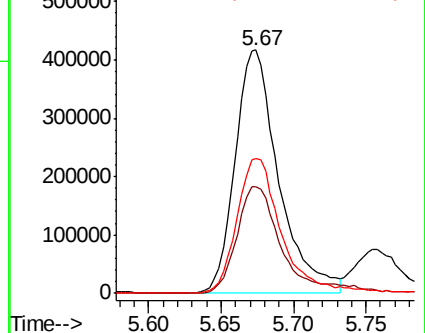
130 58.0 30.1 90.5



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: 13.415 ppbv

RT: 3.06 min Scan# 84

Delta R.T. 0.02 min

Lab File: VL038506.D

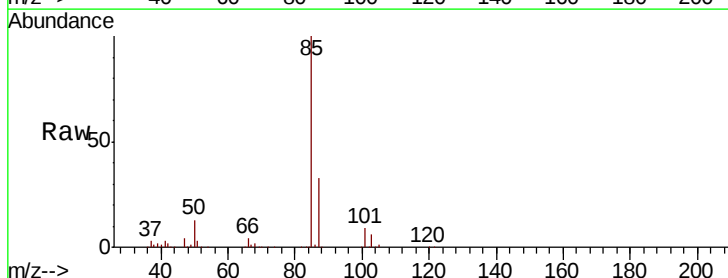
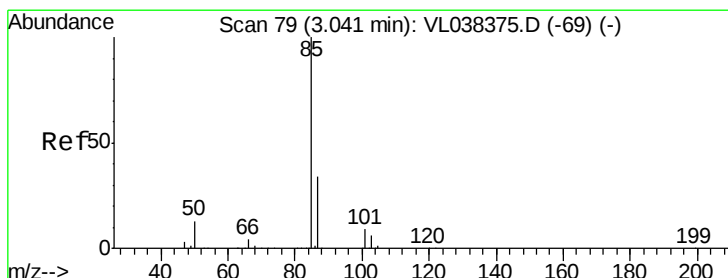
Acq: 3 Mar 2022 6:32

Tgt Ion: 85 Resp: 1841661

Ion Ratio Lower Upper

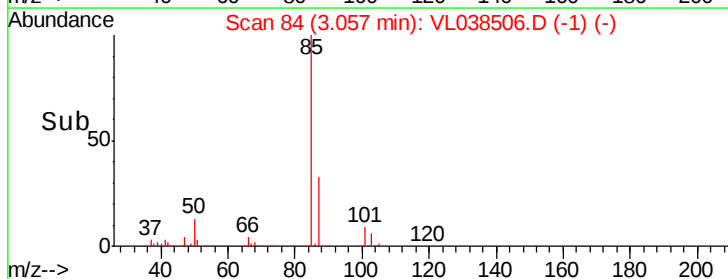
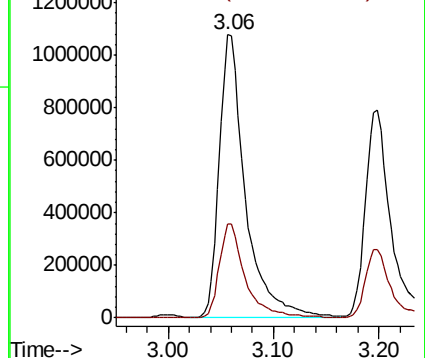
85 100

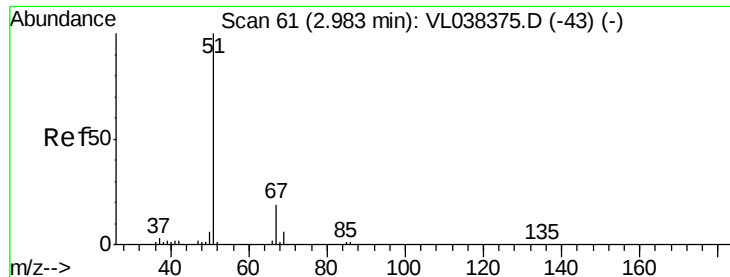
87 33.2 27.4 41.0



Abundance Ion 85.00 (84.70 to 85.70): VL0

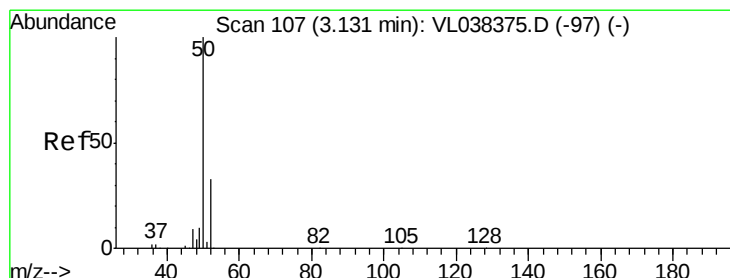
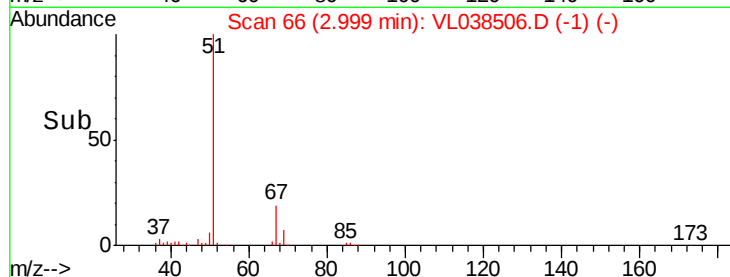
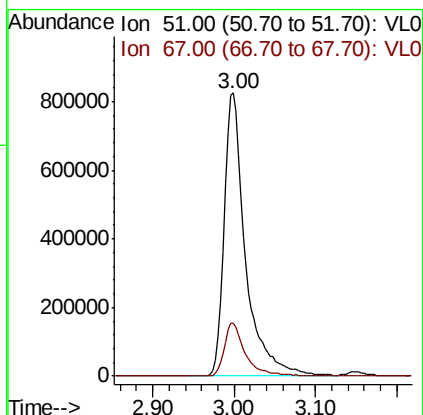
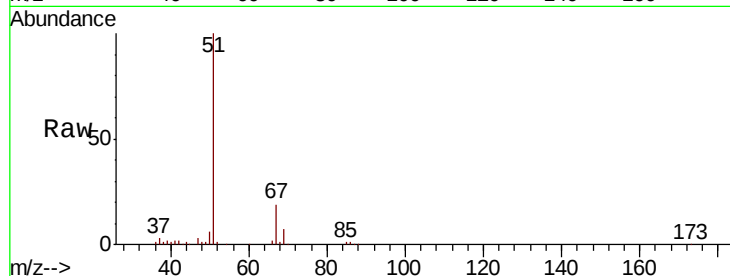
Ion 87.00 (86.70 to 87.70): VL0





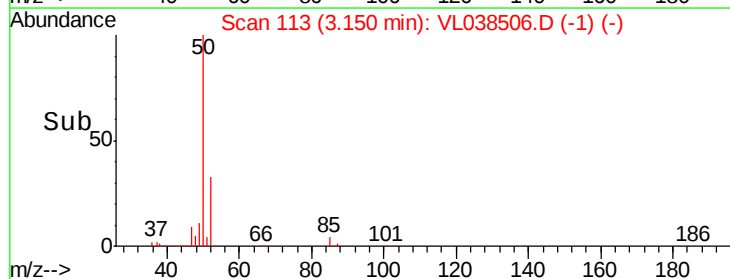
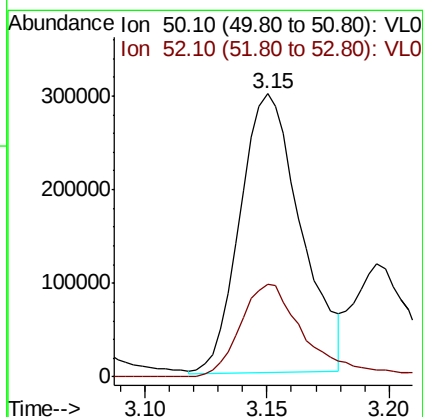
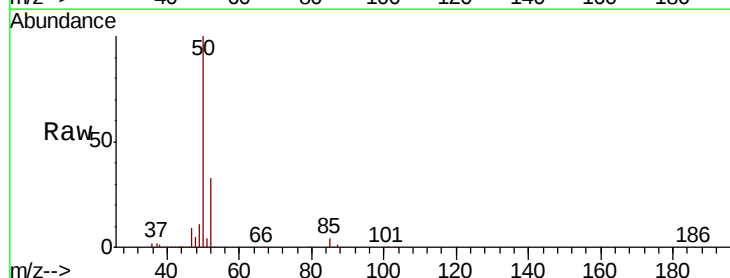
#3
Chlorodifluoromethane
Concen: 9.971 ppbv
RT: 3.00
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 3 Mar 2022 6:32

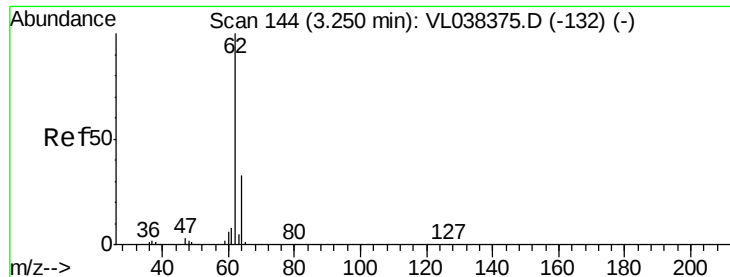
Tot Ion: 51 Resp: 1526147
Ion Ratio Lower Upper
51 100
67 18.7 14.7 22.1



#4
Chloromethane
Concen: 9.716 ppbv
RT: 3.15 min Scan# 113
Delta R.T. 0.02 min
Lab File: VL038506.D
Acq: 3 Mar 2022 6:32

Tgt Ion: 50 Resp: 516703
Ion Ratio Lower Upper
50 100
52 33.0 26.5 39.7





#5

Vinyl Chloride

Concen: 9.399 ppbv

RT: 3.27 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

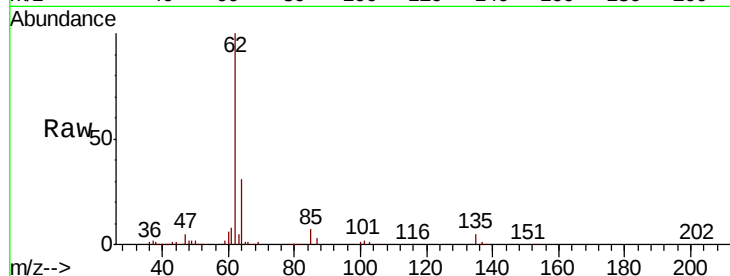
Acq: 3 Mar 2022 6:32

Tot Ion: 62 Resp: 522510

Ion Ratio Lower Upper

62 100

64 31.3 26.2 39.2



Abundance Ion 62.10 (61.80 to 62.80): VL0

Ion 64.10 (63.80 to 64.80): VL0

3.27

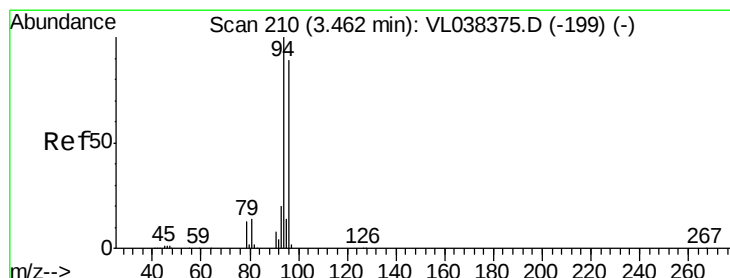
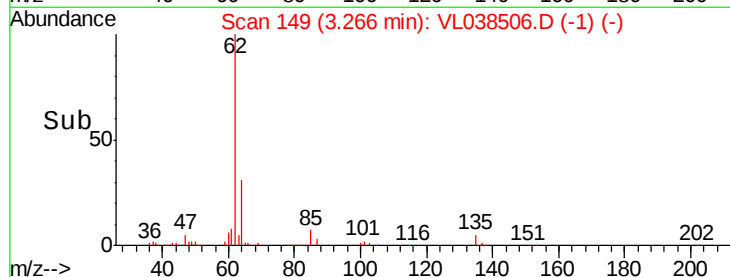
300000

200000

100000

0

Time--> 3.20 3.25 3.30



#6

Bromomethane

Concen: 10.015 ppbv

RT: 3.48 min Scan# 216

Delta R.T. 0.02 min

Lab File: VL038506.D

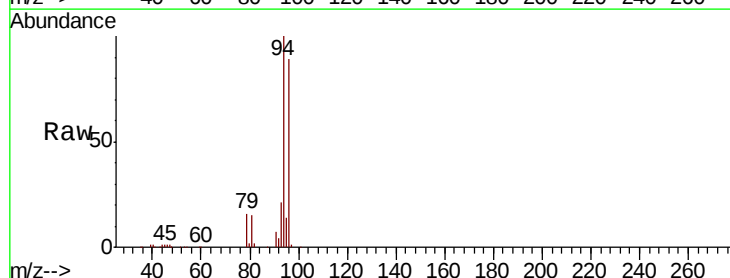
Acq: 3 Mar 2022 6:32

Tgt Ion: 94 Resp: 293698

Ion Ratio Lower Upper

94 100

96 88.9 71.0 106.6



Abundance Ion 94.00 (93.70 to 94.70): VL0

Ion 96.00 (95.70 to 96.70): VL0

3.48

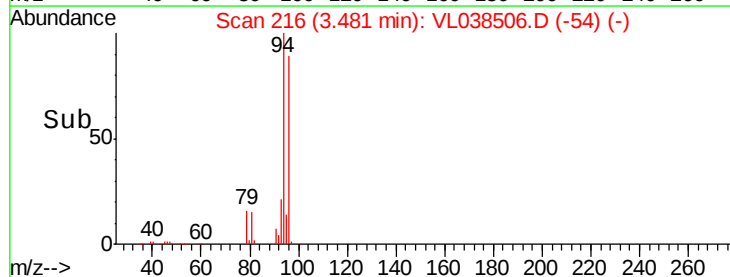
150000

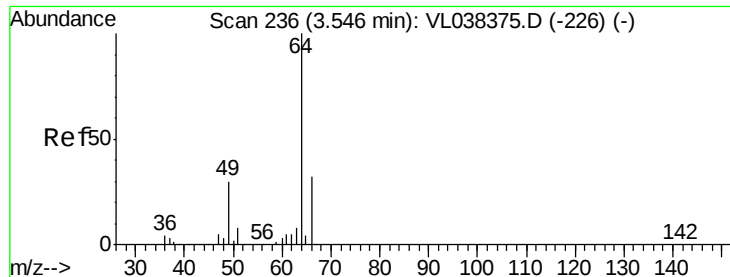
100000

50000

0

Time--> 3.40 3.45 3.50 3.55





#7

Chloroethane

Concen: 10.522 ppbv

RT: 3.56 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

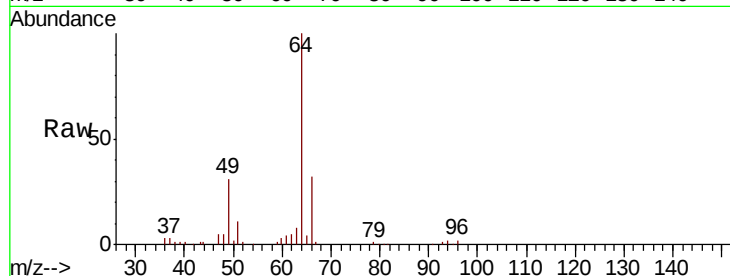
Acq: 3 Mar 2022 6:32

Tot Ion: 64 Resp: 187873

Ion Ratio Lower Upper

64 100

66 31.8 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

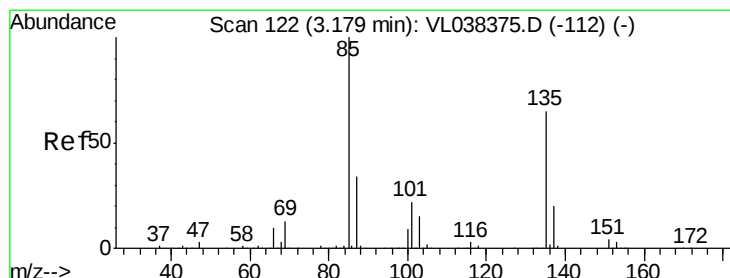
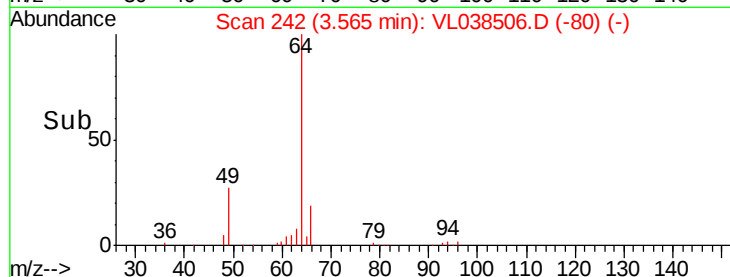
3.50

3.55

3.60

3.65

Time-->



#8

Dichlorotetrafluoroethane

Concen: 10.265 ppbv

RT: 3.20 min Scan# 128

Delta R.T. 0.02 min

Lab File: VL038506.D

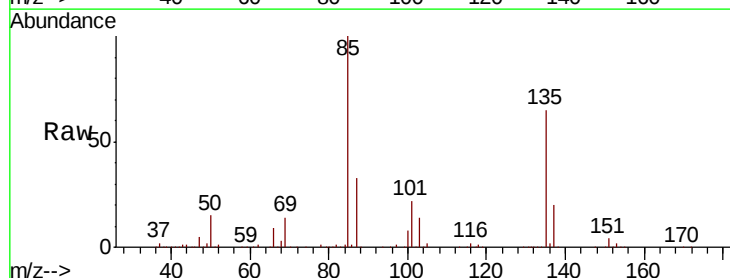
Acq: 3 Mar 2022 6:32

Tgt Ion: 85 Resp: 1310876

Ion Ratio Lower Upper

85 100

135 67.8 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

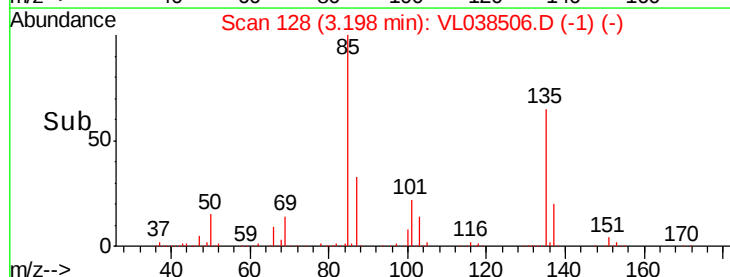
3.15

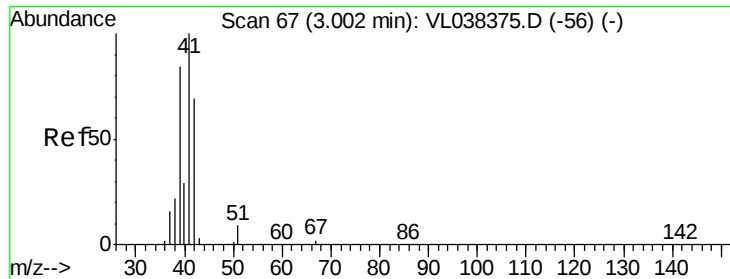
3.20

3.25

3.30

Time-->





#9

Propene

Concen: 9.620 ppbv

RT: 3.02 Instrument :

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

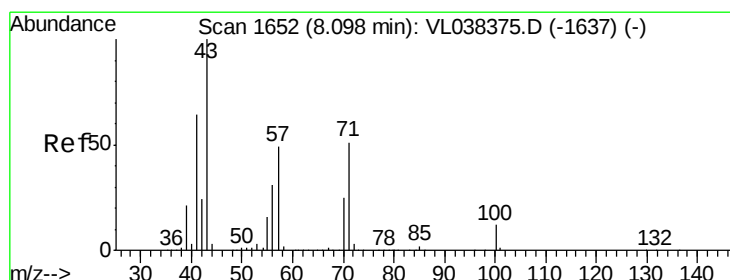
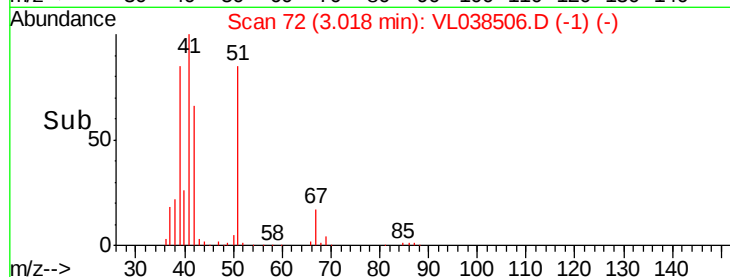
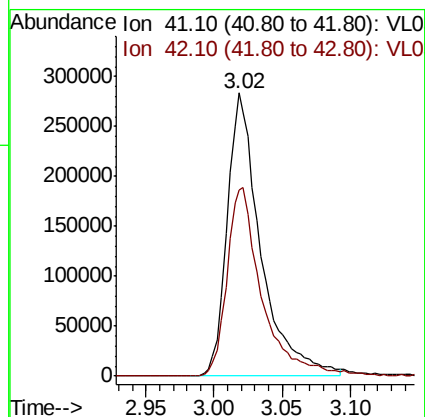
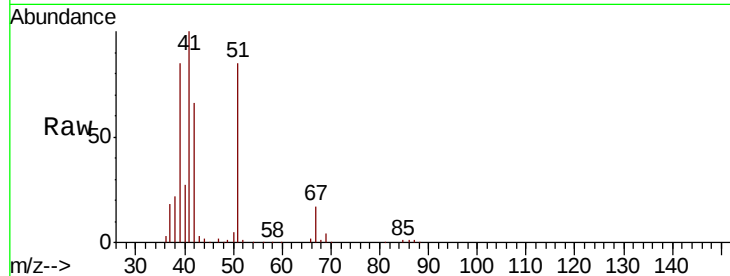
Acq: 3 Mar 2022 6:32

Tot Ion: 41 Resp: 486153

Ion Ratio Lower Upper

41 100

42 69.3 54.6 82.0



#10

Heptane

Concen: 10.702 ppbv

RT: 8.13 min Scan# 1661

Delta R.T. 0.03 min

Lab File: VL038506.D

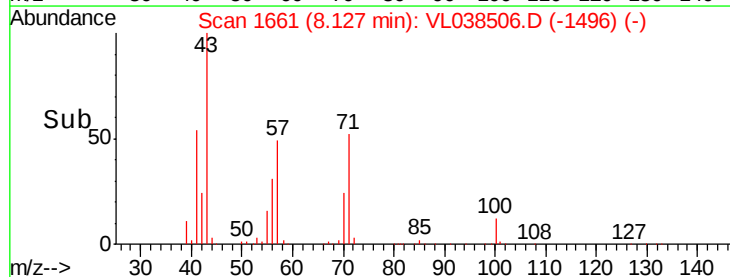
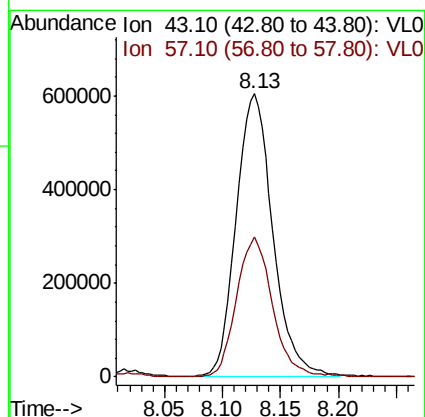
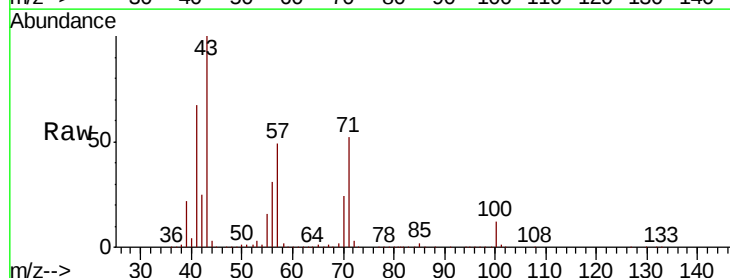
Acq: 3 Mar 2022 6:32

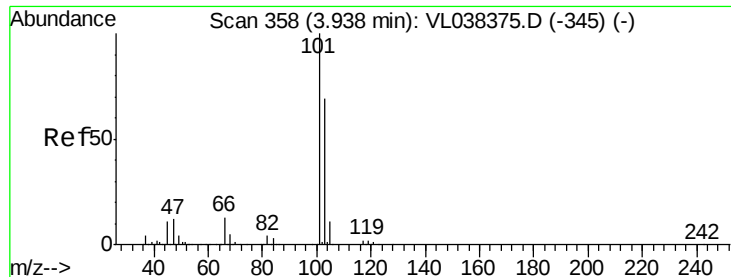
Tgt Ion: 43 Resp: 1316484

Ion Ratio Lower Upper

43 100

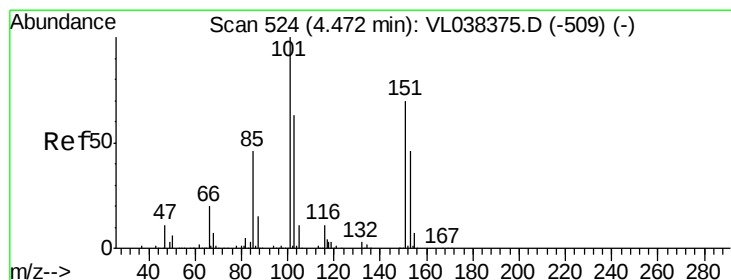
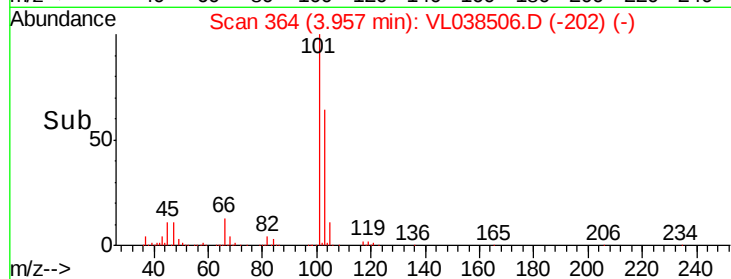
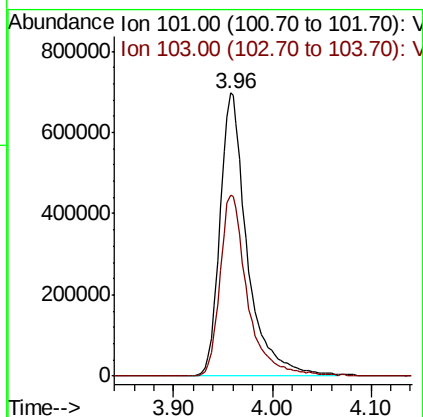
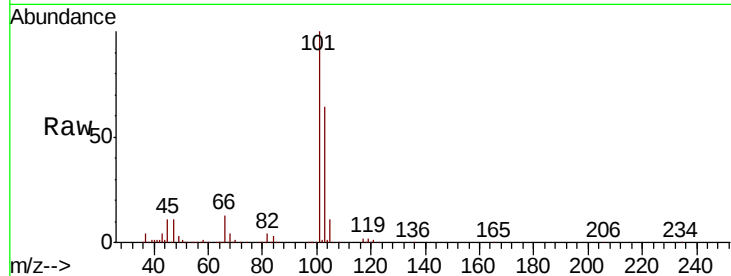
57 49.1 39.8 59.8





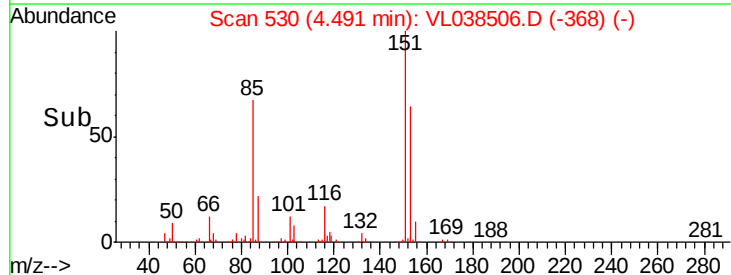
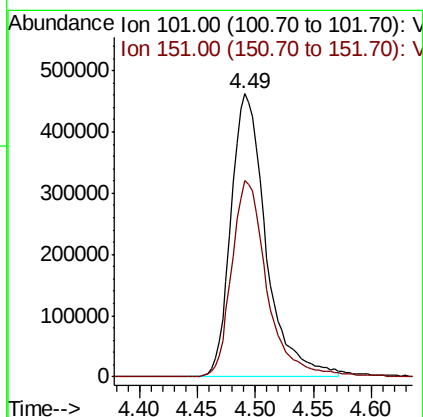
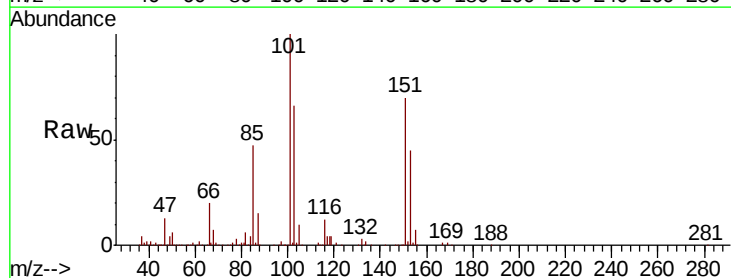
#11
 Trichlorofluoromethane
 Concen: 10.277 ppbv
 RT: 3.96
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 Acq: 3 Mar 2022 6:32

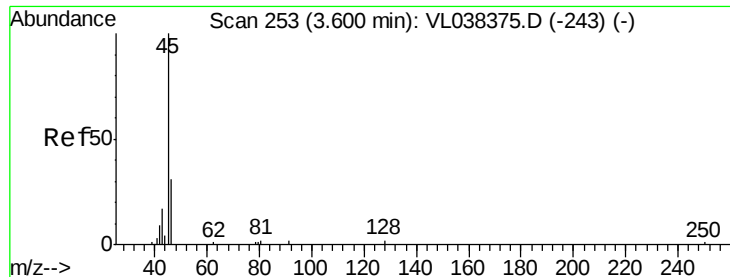
Tot Ion:101 Resp: 1350754
 Ion Ratio Lower Upper
 101 100
 103 64.1 55.0 82.4



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 10.062 ppbv
 RT: 4.49 min Scan# 530
 Delta R.T.: 0.02 min
 Lab File: VL038506.D
 Acq: 3 Mar 2022 6:32

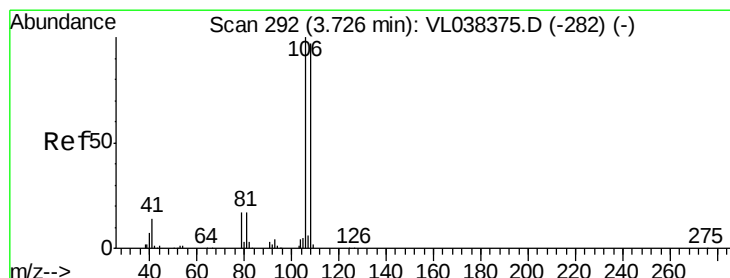
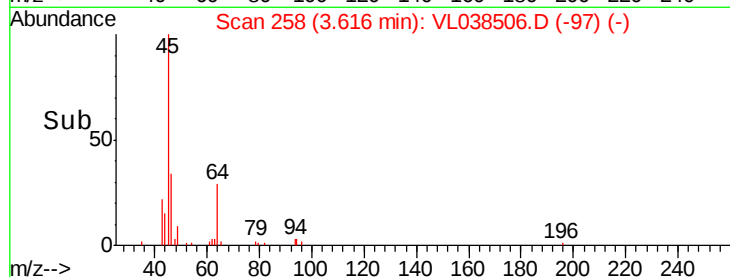
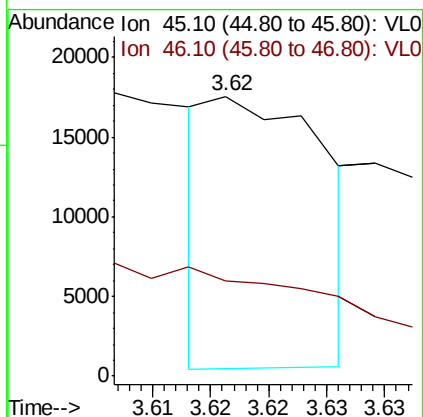
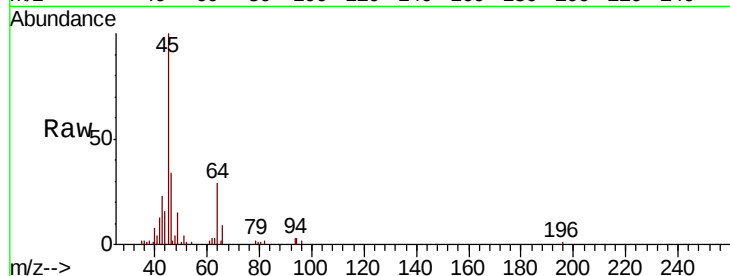
Tgt Ion:101 Resp: 969598
 Ion Ratio Lower Upper
 101 100
 151 70.3 55.9 83.9





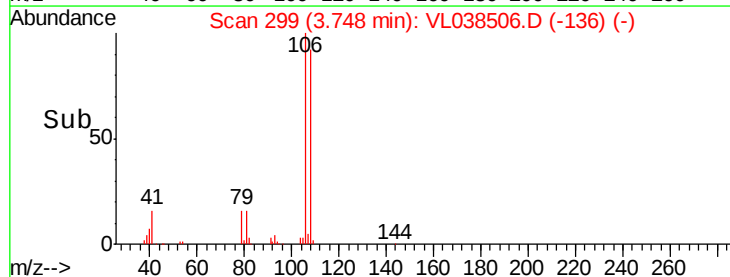
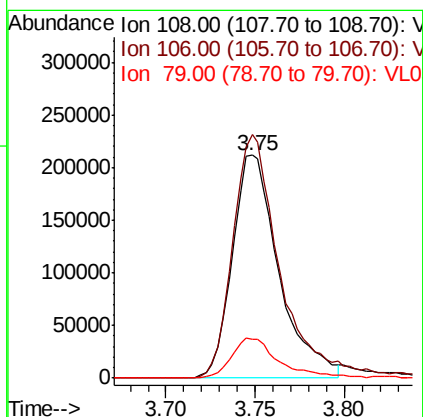
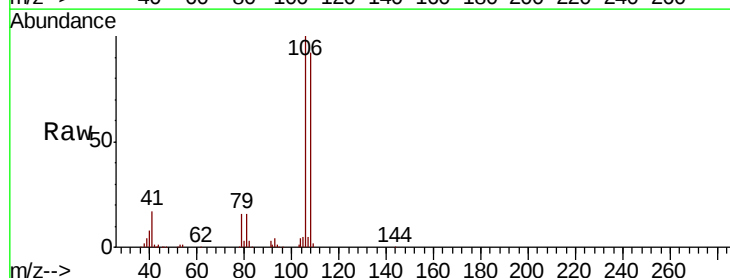
#13
Ethanol
Concen: 2.344 ppbv
RT: 3.62
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 3 Mar 2022 6:32

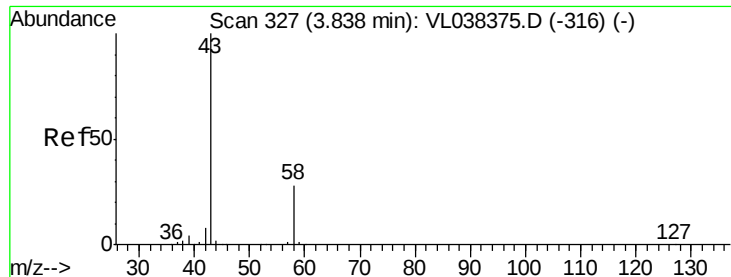
Tot Ion: 45 Resp: 11822
Ion Ratio Lower Upper
45 100
46 0.0 18.2 72.8#



#14
Bromoethene
Concen: 10.082 ppbv
RT: 3.75 min Scan# 299
Delta R.T. 0.02 min
Lab File: VL038506.D
Acq: 3 Mar 2022 6:32

Tgt Ion: 108 Resp: 387037
Ion Ratio Lower Upper
108 100
106 112.7 88.4 132.6
79 19.3 15.0 22.6





#15

Acetone

Concen: 9.055 ppbv

RT: 3.86 Instrument :

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

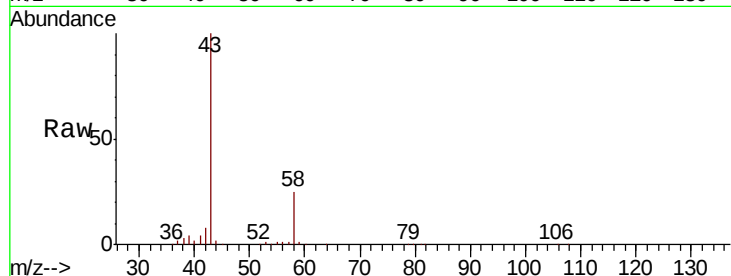
Acq: 3 Mar 2022 6:32

Tot Ion: 43 Resp: 667470

Ion Ratio Lower Upper

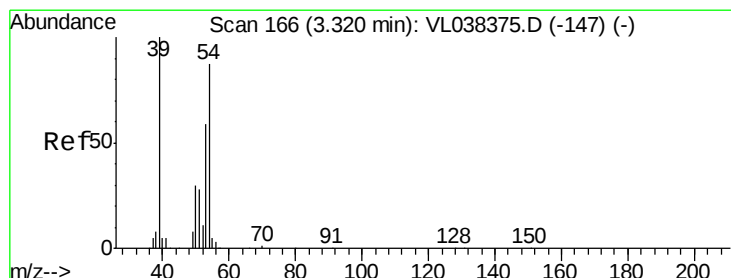
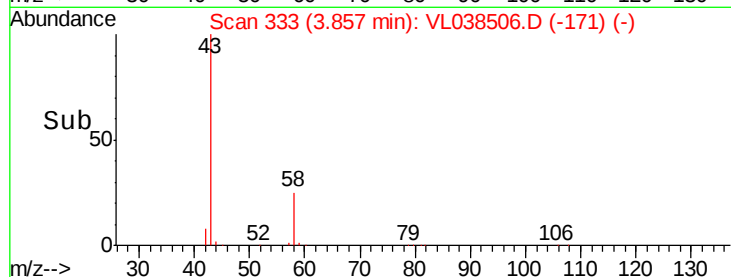
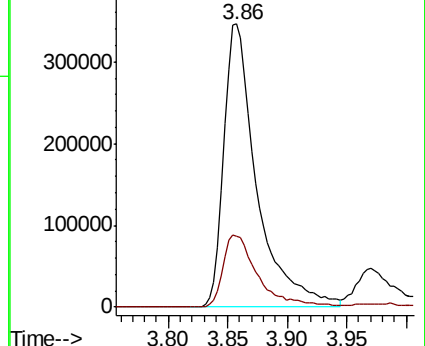
43 100

58 26.8 21.7 32.5



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0



#16

1,3-Butadiene

Concen: 10.407 ppbv

RT: 3.34 min Scan# 171

Delta R.T. 0.02 min

Lab File: VL038506.D

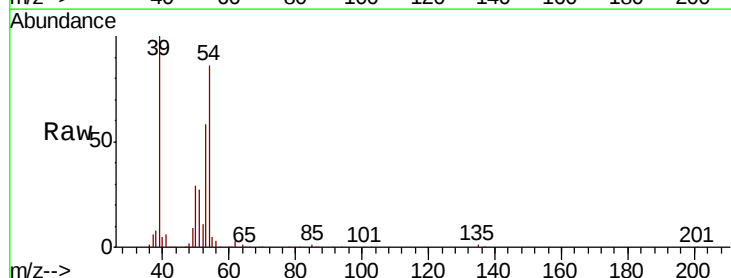
Acq: 3 Mar 2022 6:32

Tgt Ion: 39 Resp: 512367

Ion Ratio Lower Upper

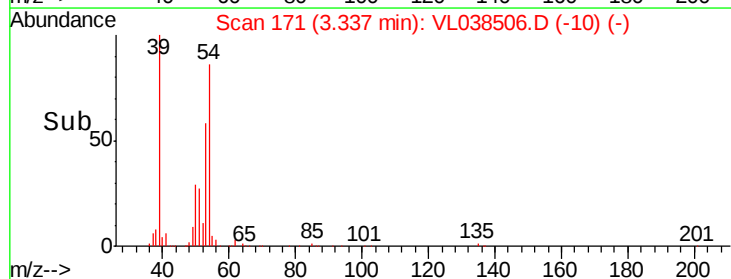
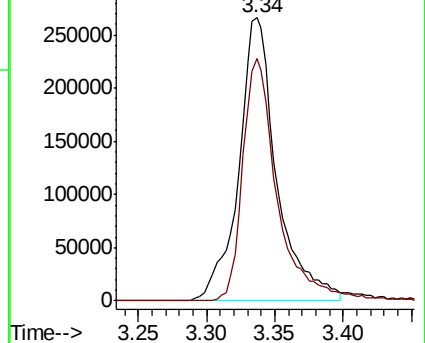
39 100

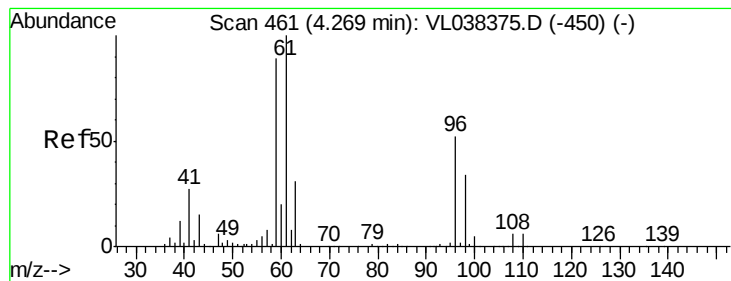
54 79.1 60.3 90.5



Abundance Ion 39.10 (38.80 to 39.80): VL0

Ion 54.10 (53.80 to 54.80): VL0





#17

tert-Butyl alcohol

Concen: 9.114 ppbv

RT: 4.29 Instrument:

Delta R.T. MSVOA.L

Lab File: ClientSampleId:

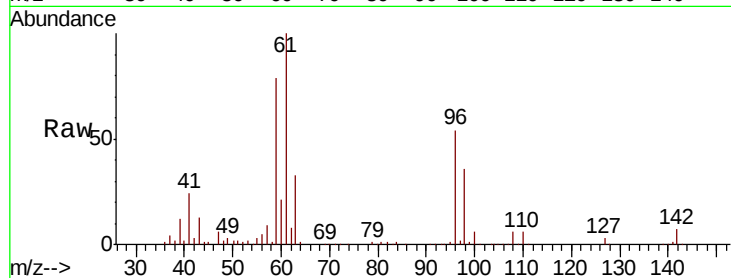
Acq: 3 Mar 2022 6:32

Tot Ion: 59 Resp: 670189

Ion Ratio Lower Upper

59 100

57 10.5 8.4 12.6



Abundance Ion 59.10 (58.80 to 59.80): VL0

Ion 57.10 (56.80 to 57.80): VL0

4.29

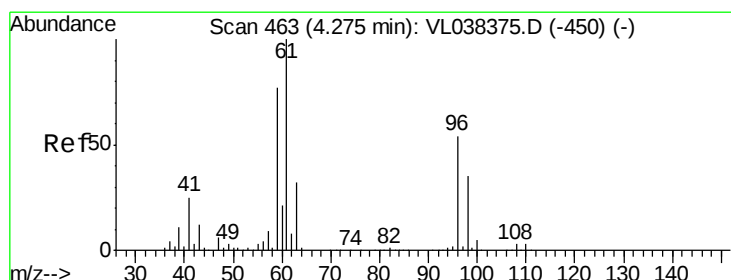
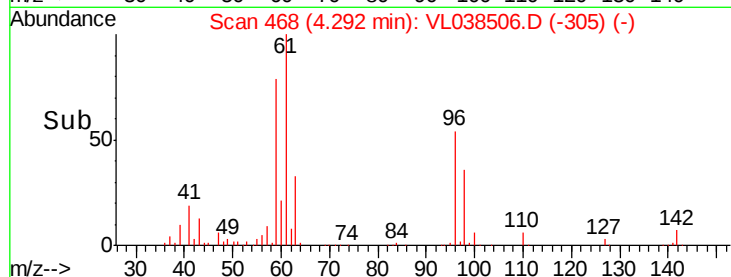
300000

200000

100000

0

Time--> 4.20 4.30 4.40



#18

1,1-Dichloroethene

Concen: 10.090 ppbv

RT: 4.30 min Scan# 470

Delta R.T. 0.02 min

Lab File: VL038506.D

Acq: 3 Mar 2022 6:32

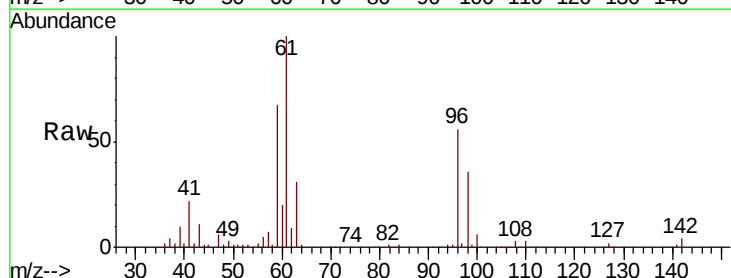
Tgt Ion: 96 Resp: 426889

Ion Ratio Lower Upper

96 100

61 179.1 146.8 220.2

98 65.3 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

4.30

500000

400000

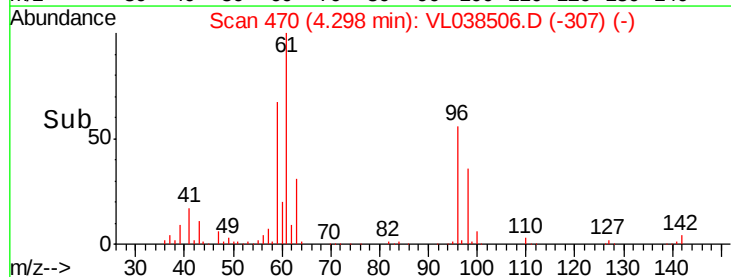
300000

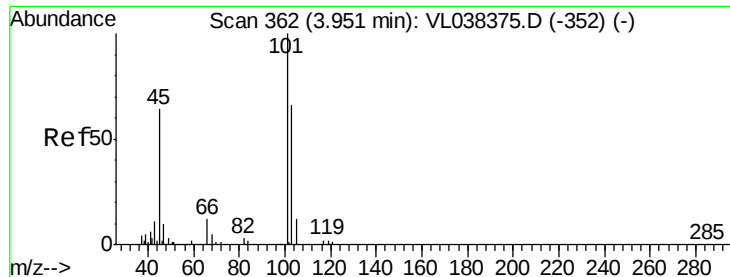
200000

100000

0

Time--> 4.25 4.30 4.35 4.40





#19

Isopropyl Alcohol

Concen: 8.163 ppbv

RT: 3.97 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

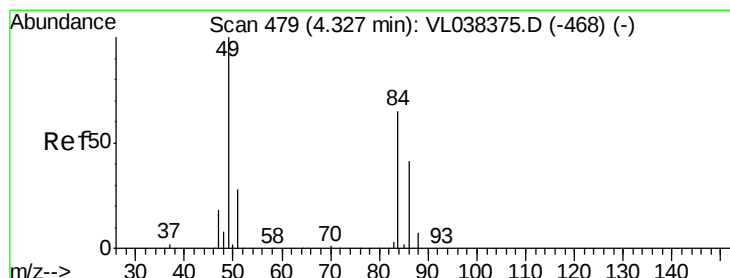
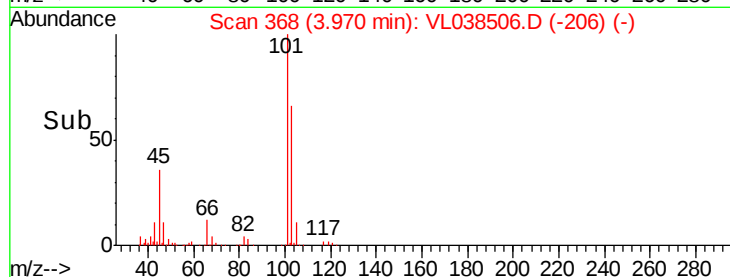
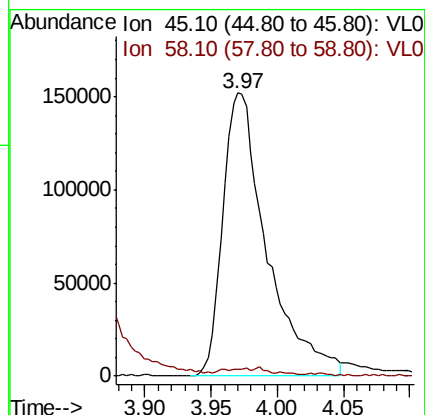
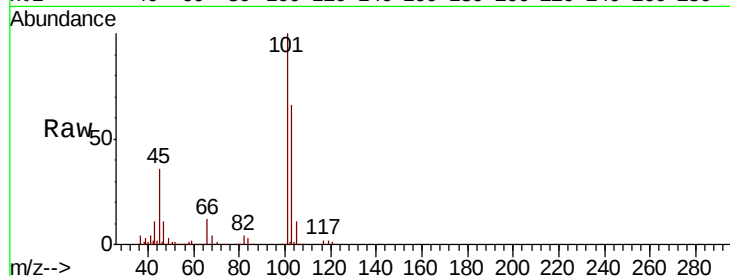
Acq: 3 Mar 2022 6:32

Tot Ion: 45 Resp: 348401

Ion Ratio Lower Upper

45 100

58 4.2 1.8 2.8#



#20

Methylene Chloride

Concen: 9.508 ppbv

RT: 4.35 min Scan# 486

Delta R.T. 0.02 min

Lab File: VL038506.D

Acq: 3 Mar 2022 6:32

Tgt Ion: 84 Resp: 347254

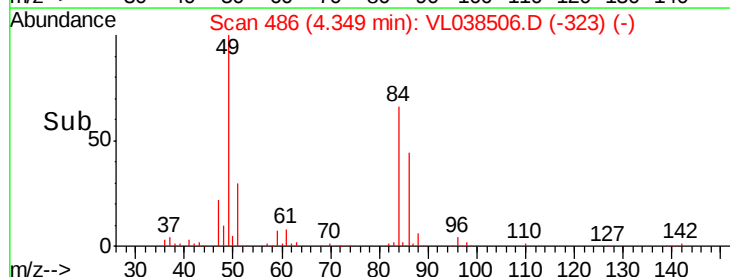
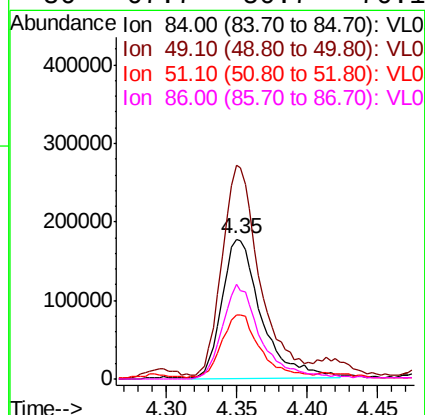
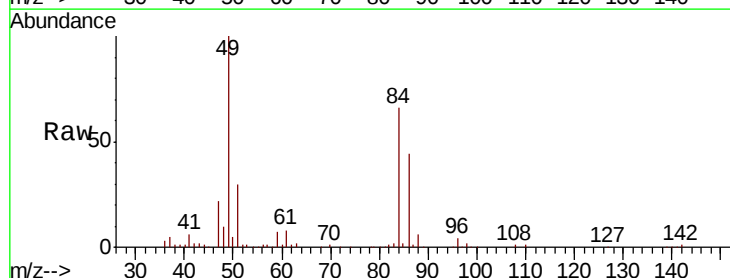
Ion Ratio Lower Upper

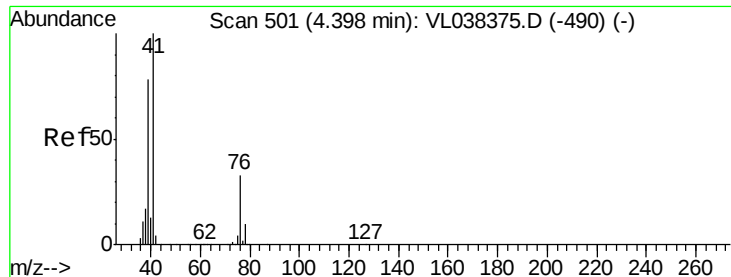
84 100

49 150.7 122.4 183.6

51 44.1 33.3 49.9

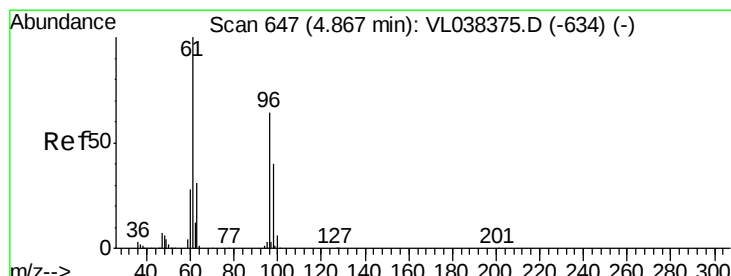
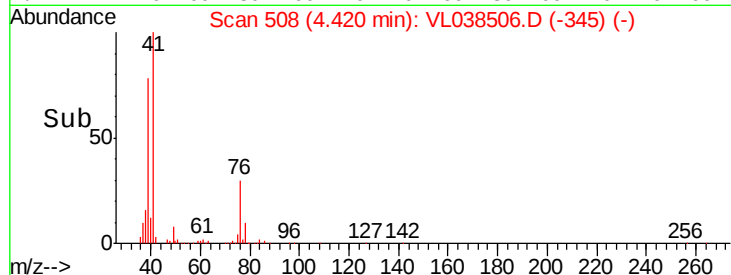
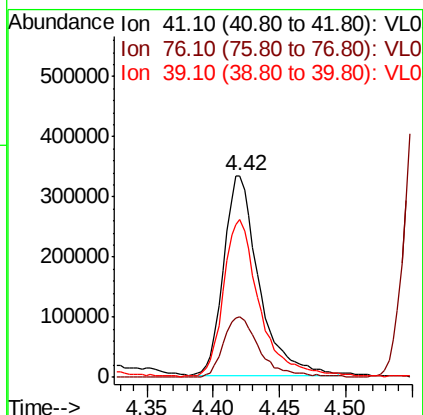
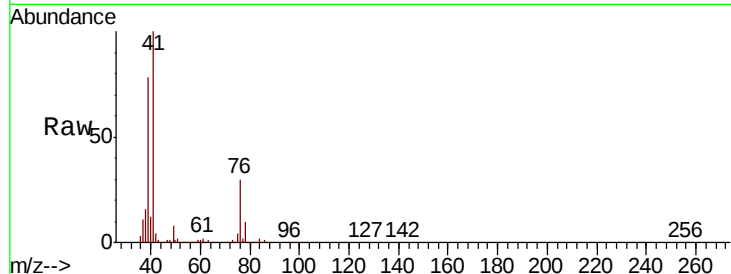
86 67.7 50.7 76.1





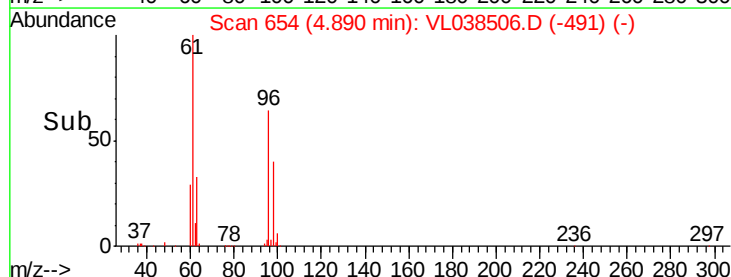
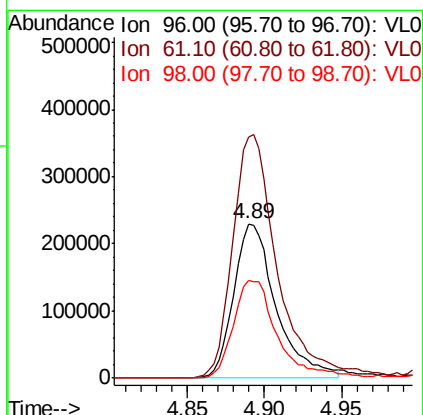
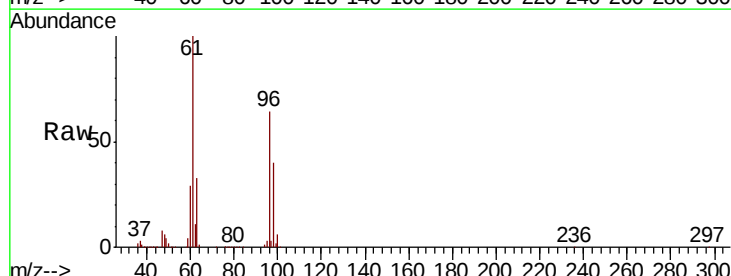
#21
 Allvl Chloride
 Concen: 9.846 ppbv
 RT: 4.42
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 3 Mar 2022 6:32

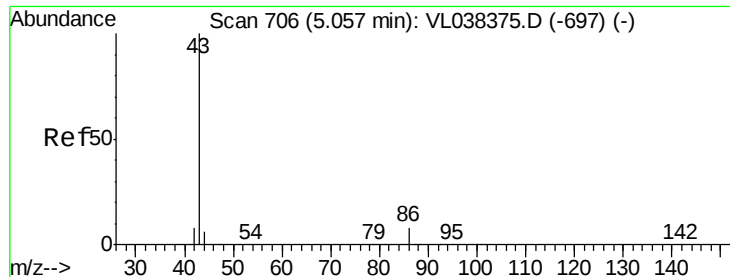
Tot Ion	Ratio	Lower	Upper
41	100		
76	31.7	25.4	38.0
39	80.0	63.0	94.6



#22
 trans-1,2-Dichloroethene
 Concen: 10.232 ppbv
 RT: 4.89 min Scan# 654
 Delta R.T. 0.02 min
 Lab File: VL038506.D
 Acq: 3 Mar 2022 6:32

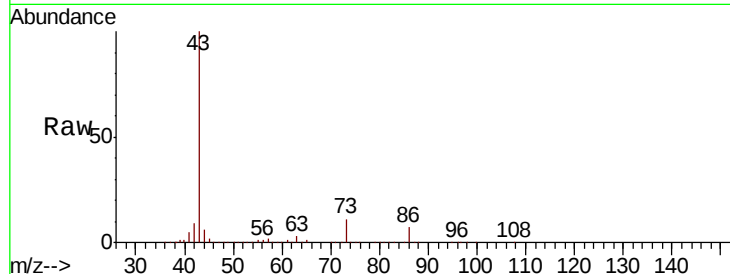
Tgt Ion	Ratio	Lower	Upper
96	100		
61	156.2	124.2	186.4
98	62.9	49.1	73.7



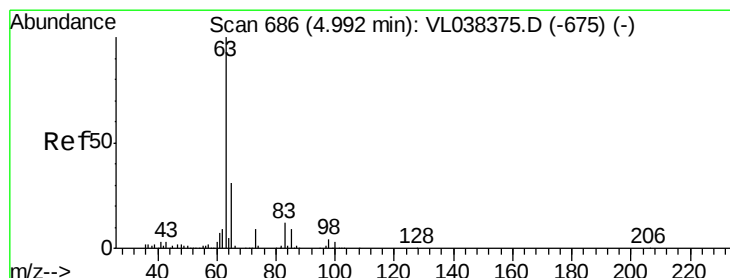
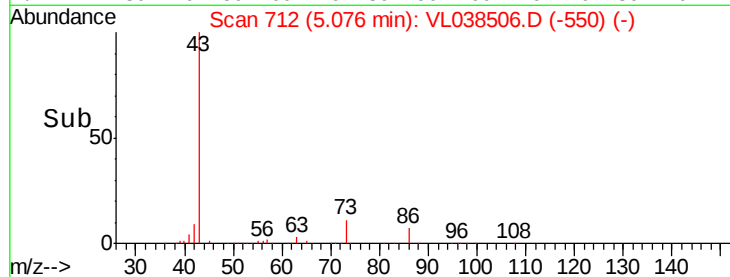
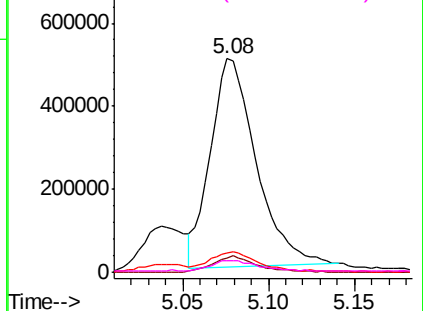


#23
 Vinyl Acetate
 Concen: 9.603 ppbv
 RT: 5.08
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 Acq: 3 Mar 2022 6:32

Tot Ion:	43	Resp:	937985
Ion	Ratio	Lower	Upper
43	100		
86	6.9	5.8	8.6
42	8.6	7.4	11.0
44	5.2	4.2	6.2

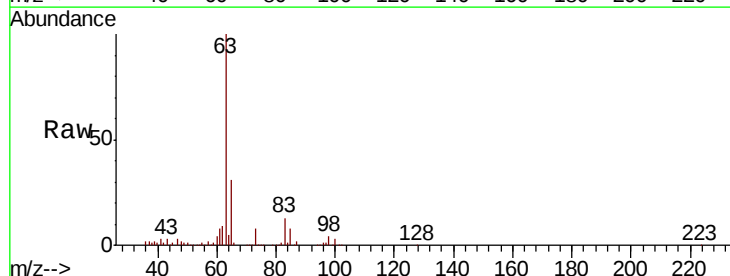


Abundance Ion 43.10 (42.80 to 43.80): VL0
 Ion 86.10 (85.80 to 86.80): VL0
 Ion 42.10 (41.80 to 42.80): VL0
 Ion 44.10 (43.80 to 44.80): VL0

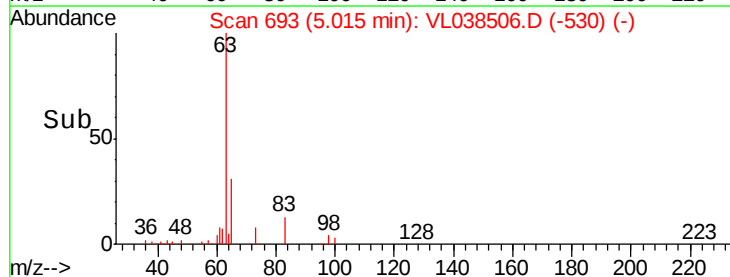
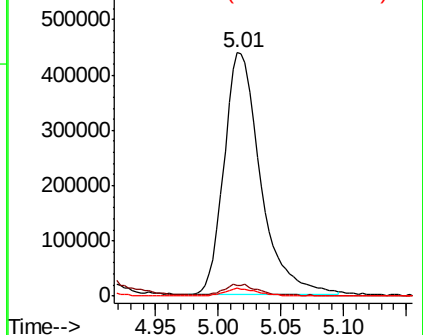


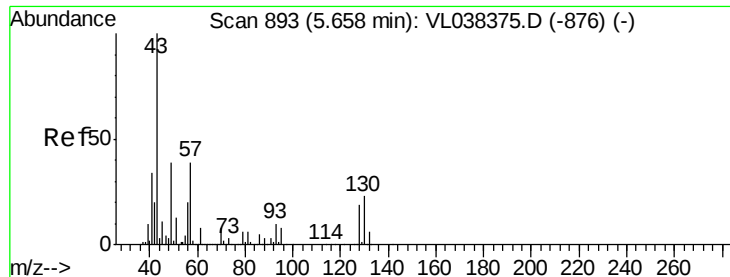
#24
 1,1-Dichloroethane
 Concen: 10.124 ppbv
 RT: 5.01 min Scan# 693
 Delta R.T.: 0.02 min
 Lab File: VL038506.D
 Acq: 3 Mar 2022 6:32

Tgt Ion:	63	Resp:	889099
Ion	Ratio	Lower	Upper
63	100		
98	4.2	2.1	6.5
100	3.1	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

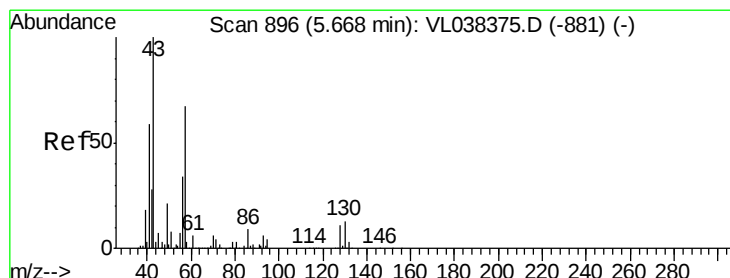
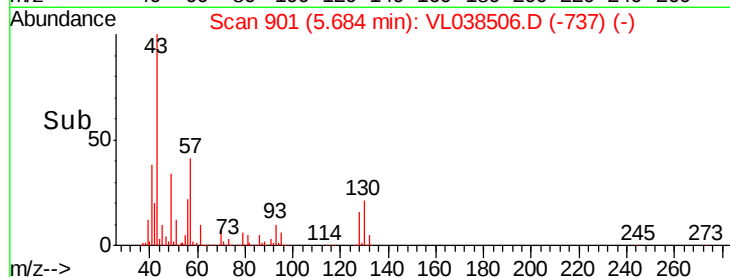
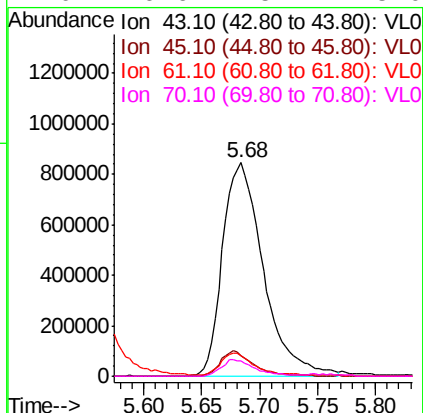
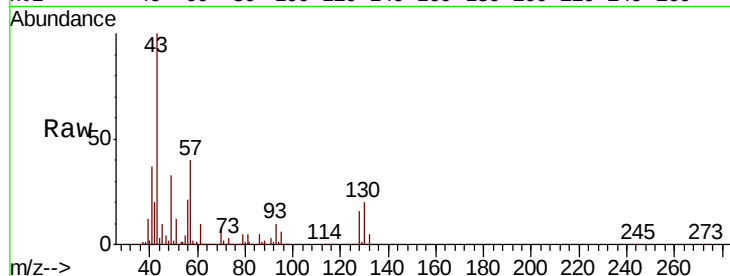




#25
Ethyl Acetate
Concen: 10.401 ppbv
RT: 5.68 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
Acq: 3 Mar 2022 8:32

Tot Ion: 43 Resp: 2059767

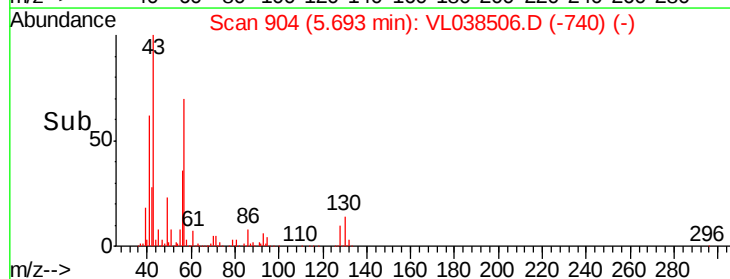
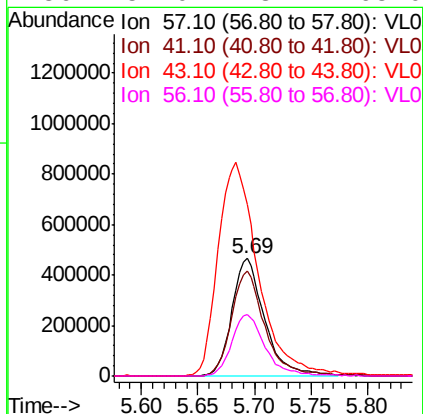
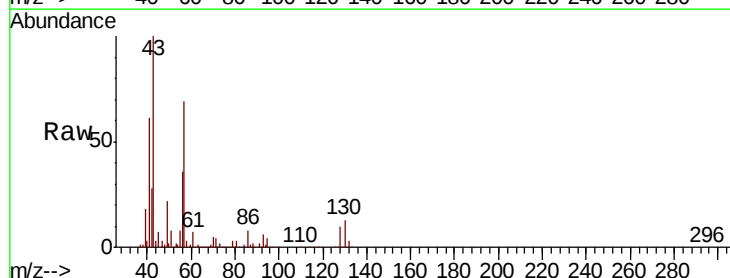
Ion	Ratio	Lower	Upper
43	100		
45	10.0	7.8	11.6
61	9.3	7.5	11.3
70	6.6	5.4	8.0

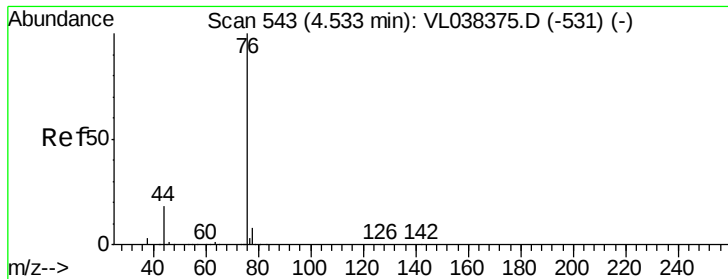


#26
Hexane
Concen: 10.403 ppbv
RT: 5.69 min Scan# 904
Delta R.T.: 0.03 min
Lab File: VL038506.D
Acq: 3 Mar 2022 6:32

Tgt Ion: 57 Resp: 932910

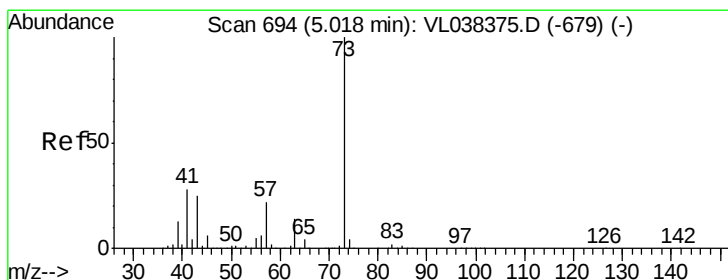
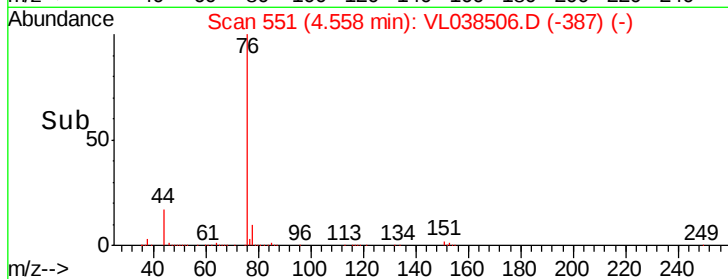
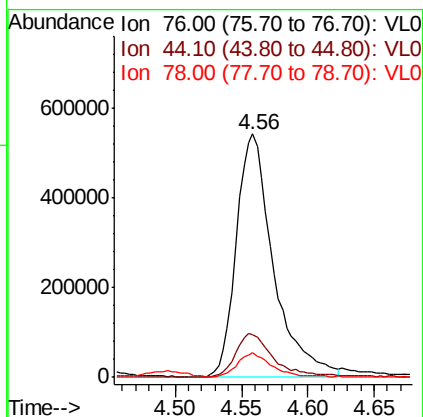
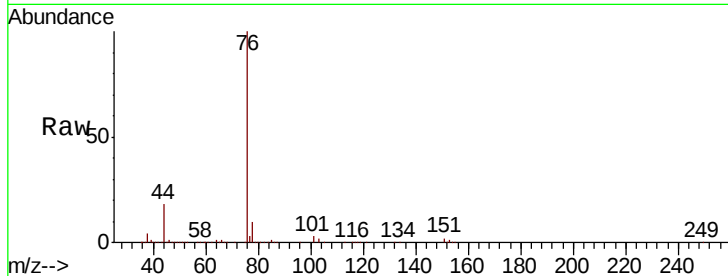
Ion	Ratio	Lower	Upper
57	100		
41	93.2	73.1	109.7
43	224.5	181.0	271.4
56	54.0	43.4	65.0





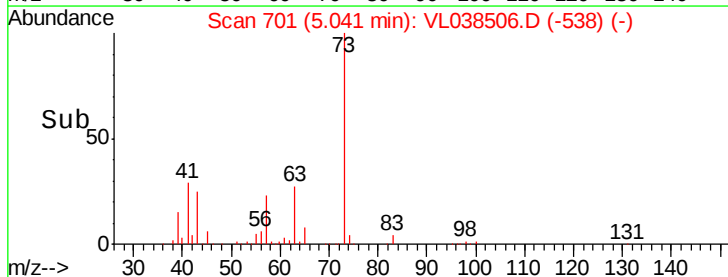
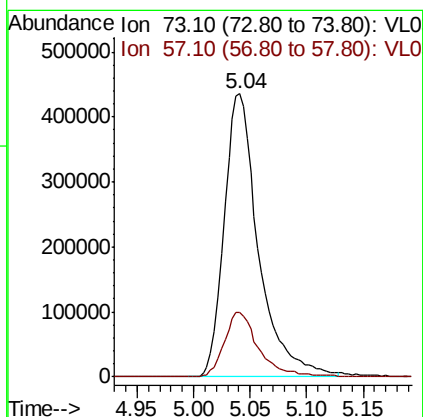
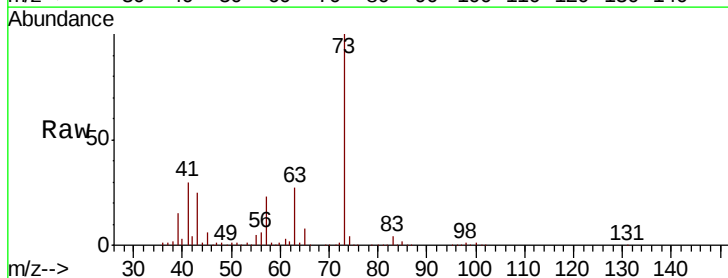
#27
 Carbon Disulfide
 Concen: 10.548 ppbv
 RT: 4.56 Instrument :
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 3 Mar 2022 6:32

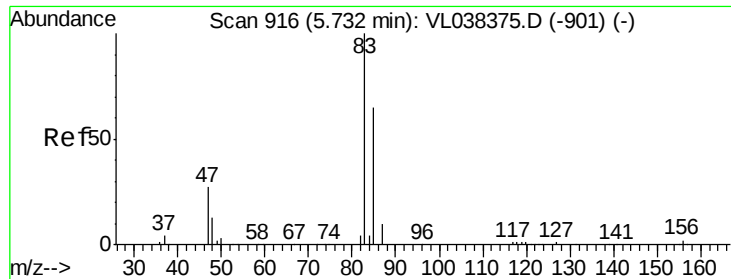
Tot Ion: 76 Resp: 1052223
 Ion Ratio Lower Upper
 76 100
 44 18.4 14.2 21.2
 78 10.1 7.8 11.6



#28
 Methyl tert-Butyl Ether
 Concen: 10.083 ppbv
 RT: 5.04 min Scan# 701
 Delta R.T. 0.02 min
 Lab File: VL038506.D
 Acq: 3 Mar 2022 6:32

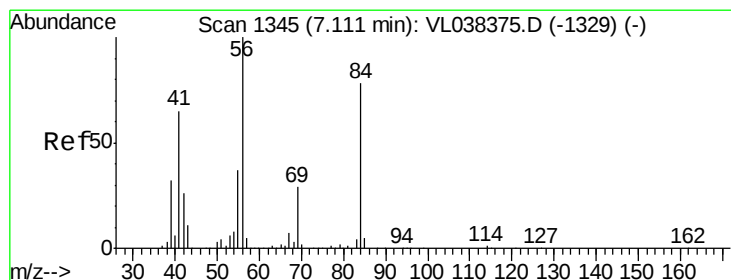
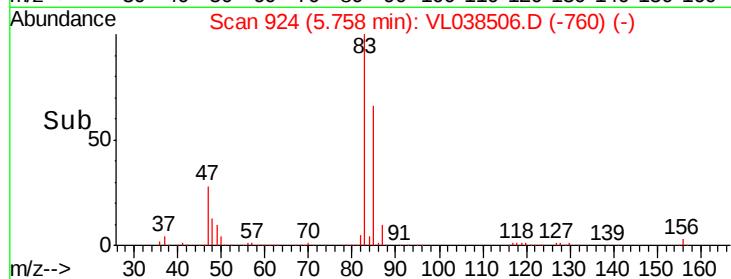
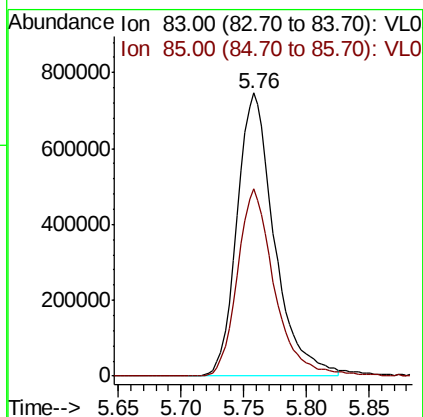
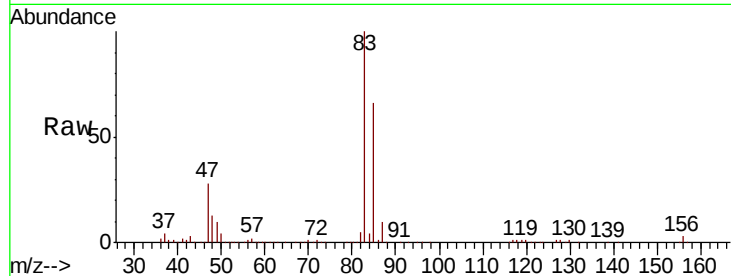
Tgt Ion: 73 Resp: 921024
 Ion Ratio Lower Upper
 73 100
 57 23.1 18.2 27.4





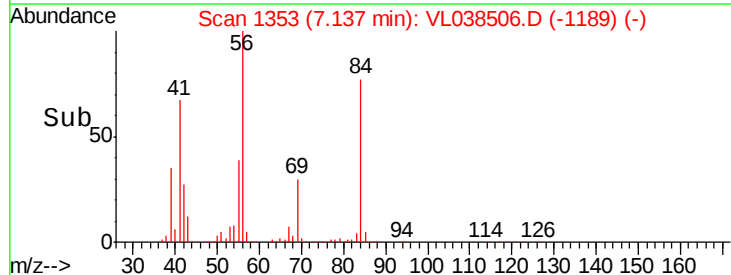
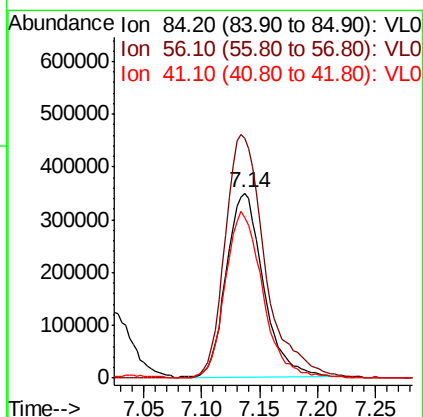
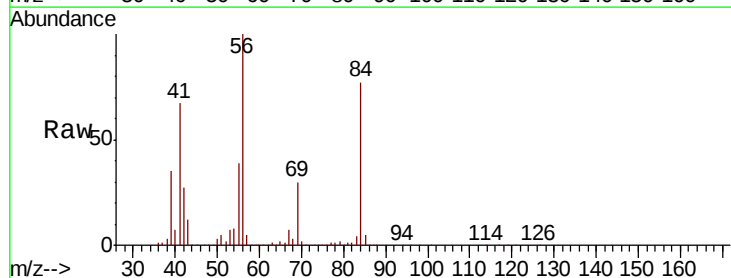
#29
Chloroform
Concen: 10.536 ppbv
RT: 5.76
Instrument: MSVOA_L
Delta R.T.:
Lab File: ClientSampleId:
Acq: 3 Mar 2022 6:32

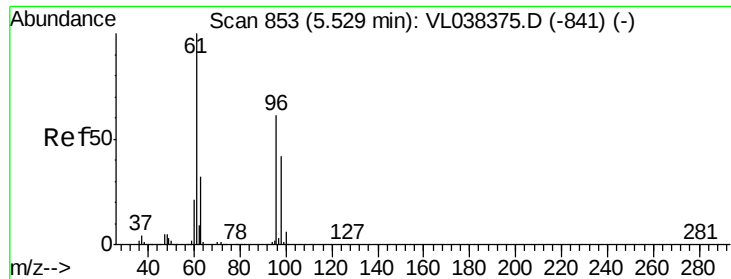
Tot Ion: 83 Resp: 1542075
Ion Ratio Lower Upper
83 100
85 66.0 51.6 77.4



#30
Cyclohexane
Concen: 10.521 ppbv
RT: 7.14 min Scan# 1353
Delta R.T.: 0.03 min
Lab File: VL038506.D
Acq: 3 Mar 2022 6:32

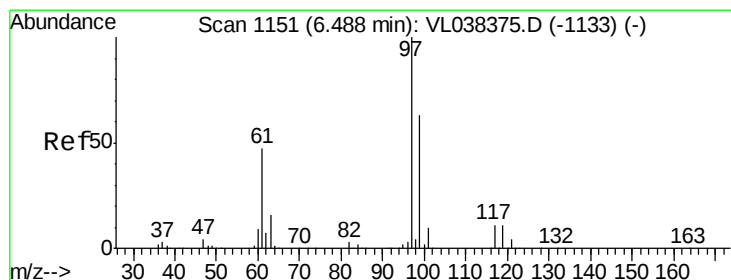
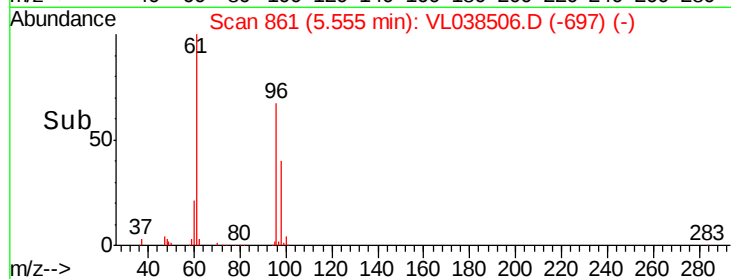
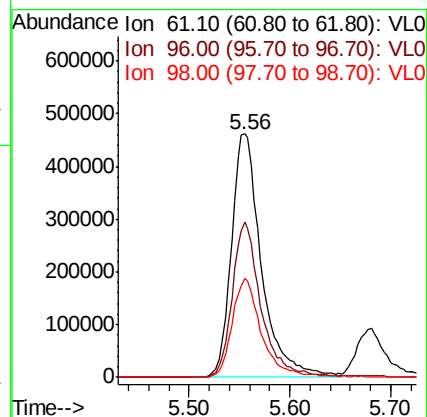
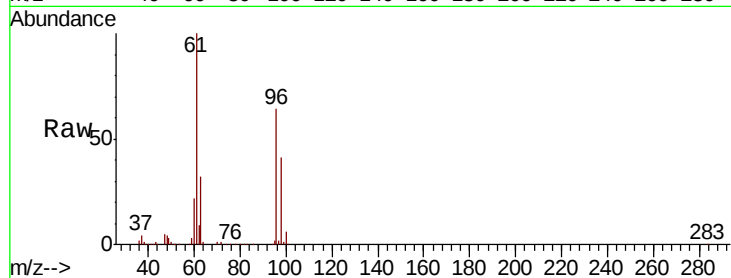
Tgt Ion: 84 Resp: 771628
Ion Ratio Lower Upper
84 100
56 143.7 116.2 174.4
41 91.9 74.3 111.5





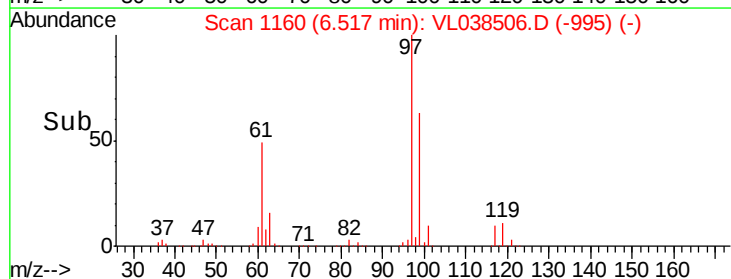
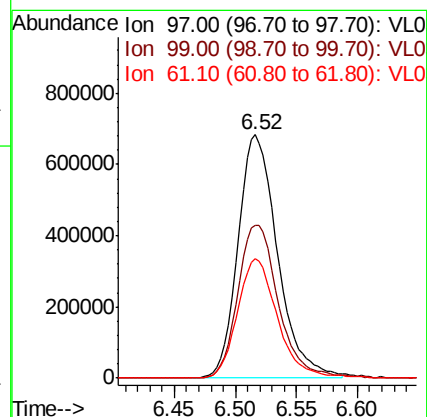
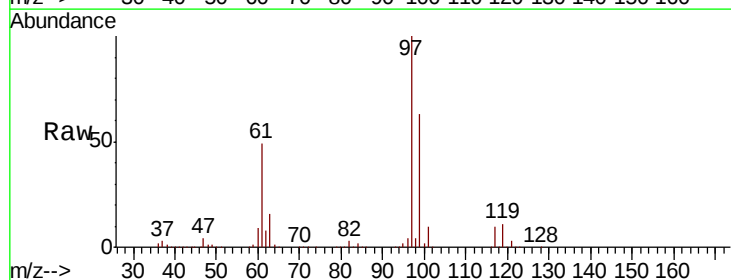
#31
 cis-1,2-Dichloroethene
 Concen: 11.043 ppbv
 RT: 5.56 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 3 Mar 2022 6:32

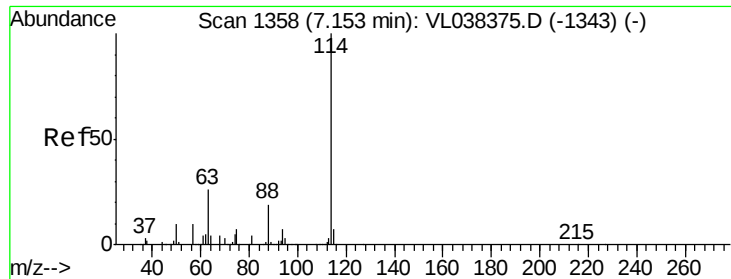
Tot Ion	61	Resp	959441
Ion Ratio	Lower	Upper	
61	100		
96	63.7	48.6	73.0
98	40.7	33.2	49.8



#32
 1,1,1-Trichloroethane
 Concen: 10.452 ppbv
 RT: 6.52 min Scan# 1160
 Delta R.T. 0.03 min
 Lab File: VL038506.D
 Acq: 3 Mar 2022 6:32

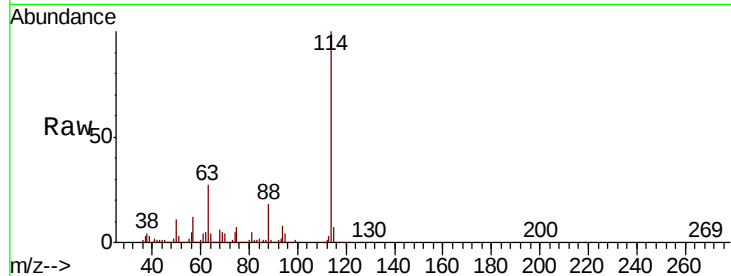
Tgt Ion	97	Resp	1538508
Ion Ratio	Lower	Upper	
97	100		
99	64.5	51.9	77.9
61	50.0	40.5	60.7



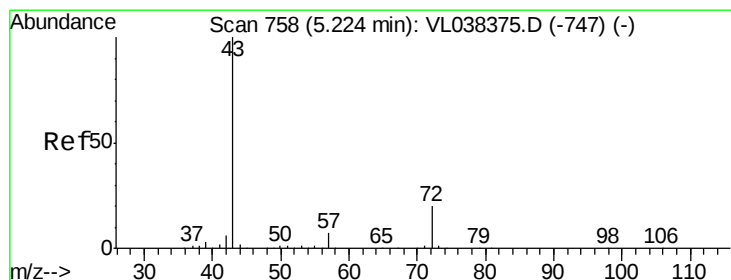
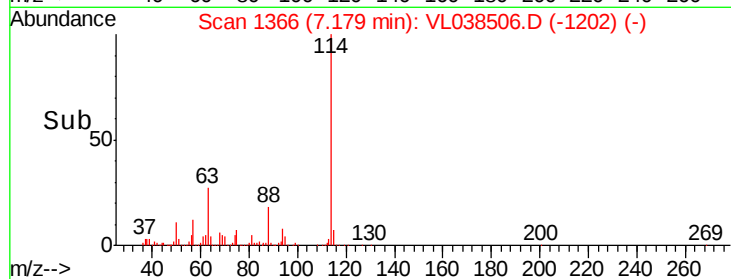
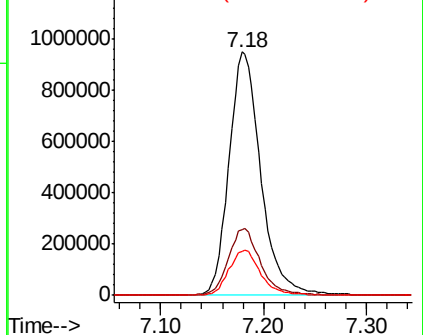


#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.18 min
 Instrument: MSVOA_L
 Delta R.T.:
 Lab File: ClientSampleId:
 Acq: 3 Mar 2022 6:32

Tot Ion:114 Resp: 2035391
 Ion Ratio Lower Upper
 114 100
 63 28.3 22.2 33.2
 88 18.8 15.2 22.8

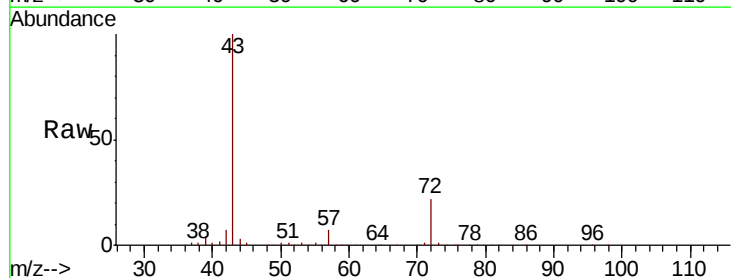


Abundance Ion 114.10 (113.80 to 114.80): VL0
 Ion 63.10 (62.80 to 63.80): VL0
 Ion 88.10 (87.80 to 88.80): VL0

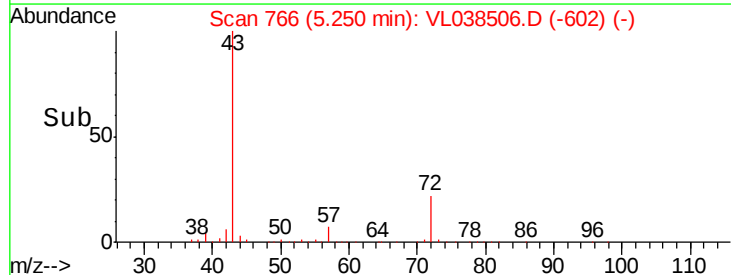
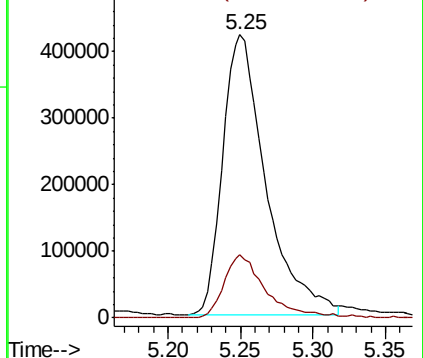


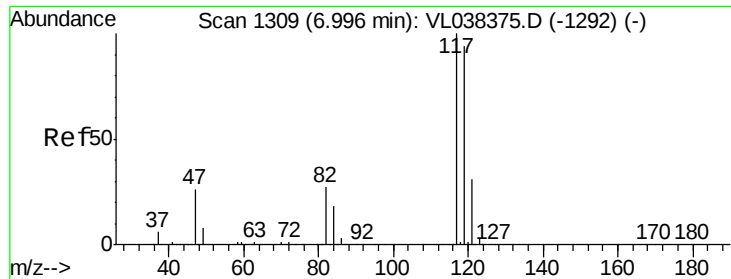
#34
 2-Butanone
 Concen: 13.594 ppbv
 RT: 5.25 min Scan# 766
 Delta R.T.: 0.03 min
 Lab File: VL038506.D
 Acq: 3 Mar 2022 6:32

Tgt Ion: 43 Resp: 870218
 Ion Ratio Lower Upper
 43 100
 72 22.4 17.4 26.2



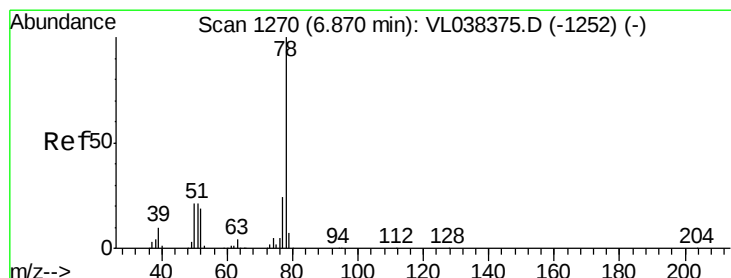
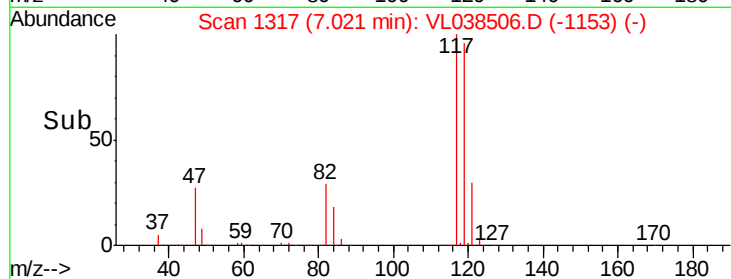
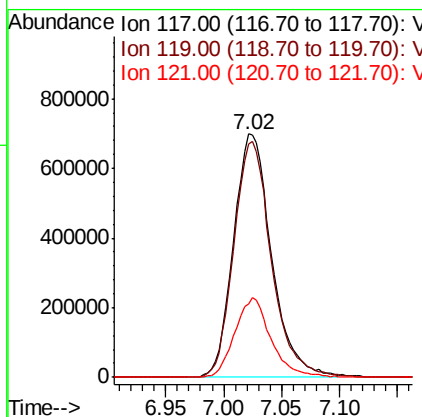
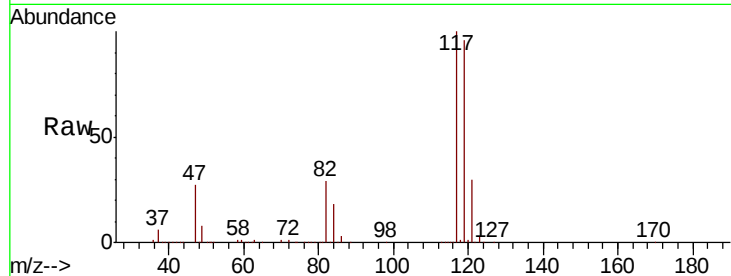
Abundance Ion 43.10 (42.80 to 43.80): VL0
 Ion 72.10 (71.80 to 72.80): VL0





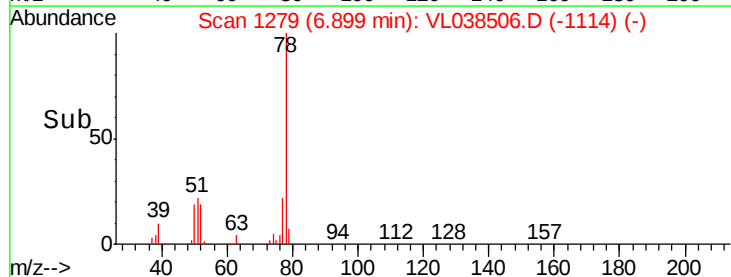
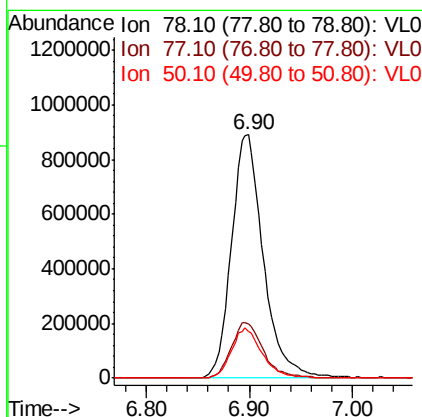
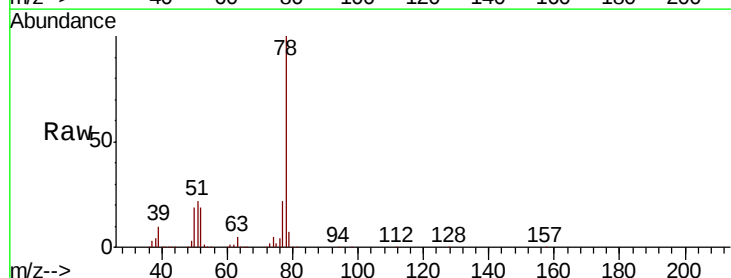
#35
 Carbon Tetrachloride
 Concen: 11.068 ppbv
 RT: 7.02
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 3 Mar 2022 6:32

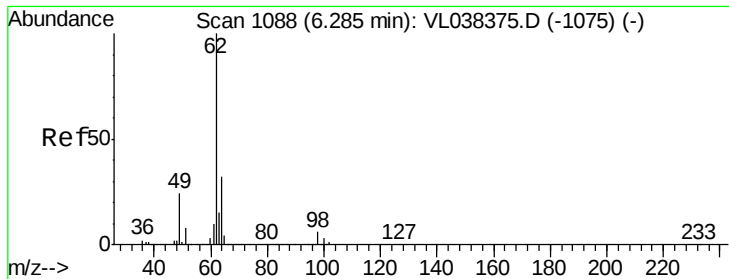
Tot Ion:117 Resp: 1584153
 Ion Ratio Lower Upper
 117 100
 119 95.8 74.9 112.3
 121 30.2 24.8 37.2



#36
 Benzene
 Concen: 10.691 ppbv
 RT: 6.90 min Scan# 1279
 Delta R.T. 0.03 min
 Lab File: VL038506.D
 Acq: 3 Mar 2022 6:32

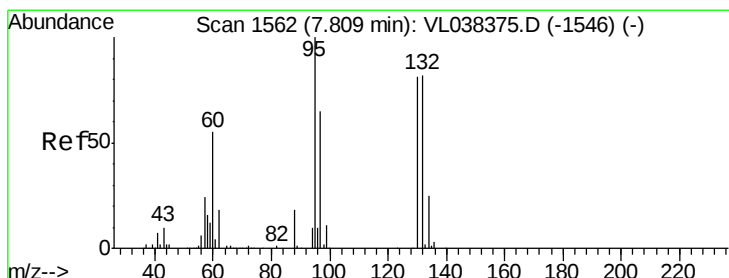
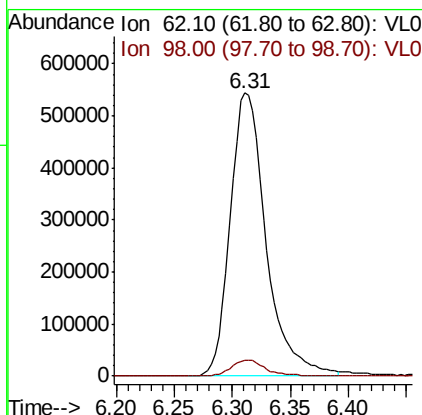
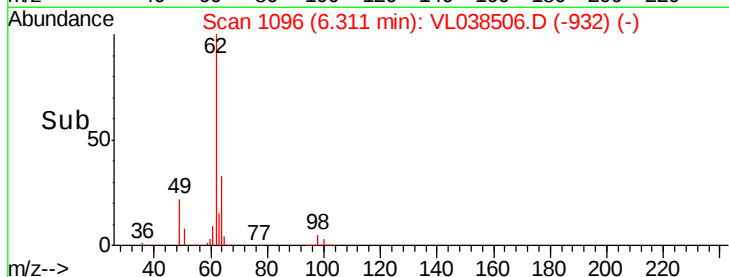
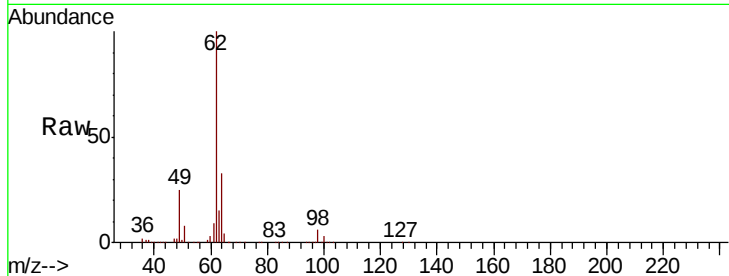
Tgt Ion: 78 Resp: 1915622
 Ion Ratio Lower Upper
 78 100
 77 22.1 19.0 28.6
 50 19.2 16.6 24.8





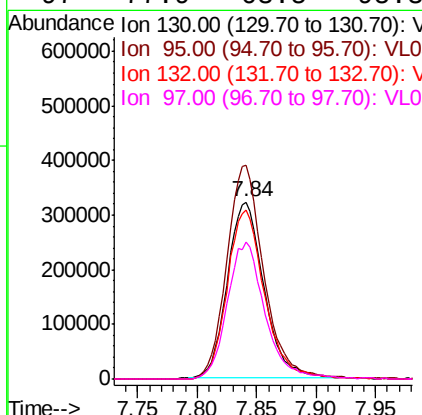
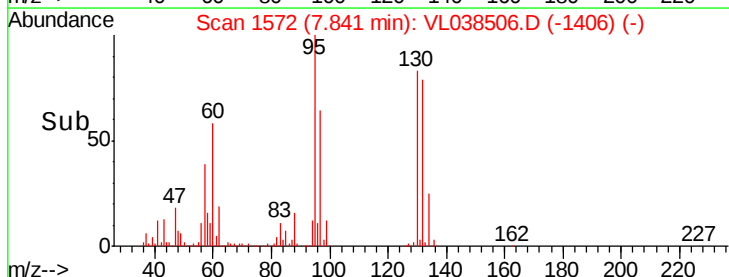
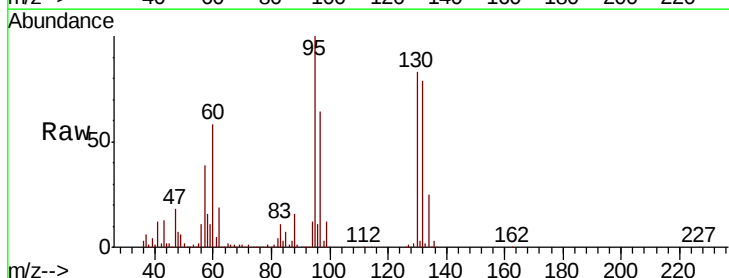
#37
 1,2-Dichloroethane
 Concen: 11.262 ppbv
 RT: 6.31 Instrument :
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 3 Mar 2022 6:32

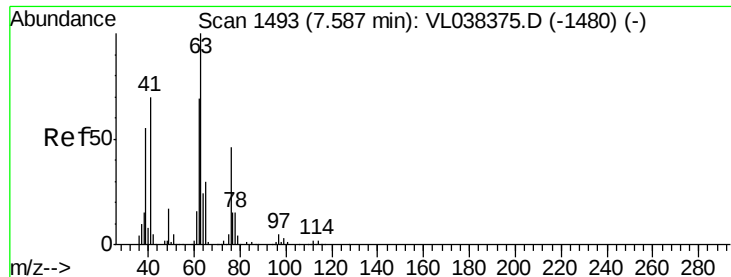
Tot Ion: 62 Resp: 1166066
 Ion Ratio Lower Upper
 62 100
 98 5.6 4.6 7.0



#38
 Trichloroethene
 Concen: 10.427 ppbv
 RT: 7.84 min Scan# 1572
 Delta R.T. 0.03 min
 Lab File: VL038506.D
 Acq: 3 Mar 2022 6:32

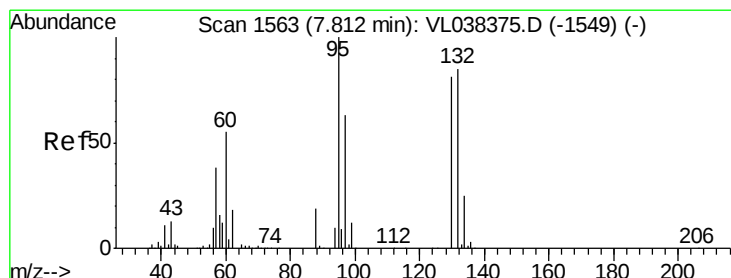
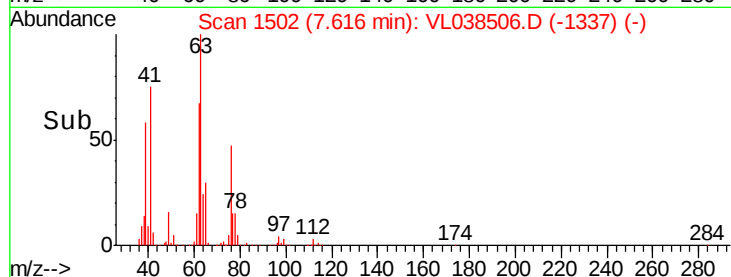
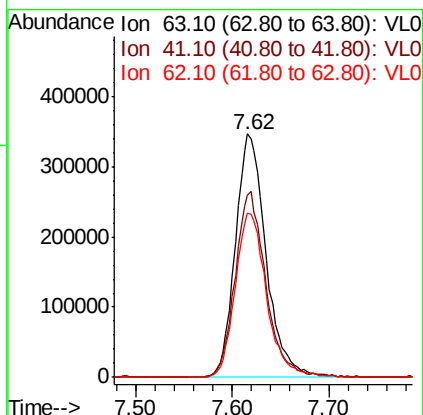
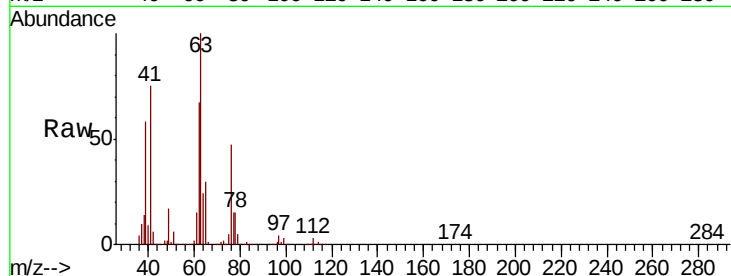
Tgt Ion:130 Resp: 680532
 Ion Ratio Lower Upper
 130 100
 95 121.5 98.1 147.1
 132 96.3 80.3 120.5
 97 77.9 63.5 95.3





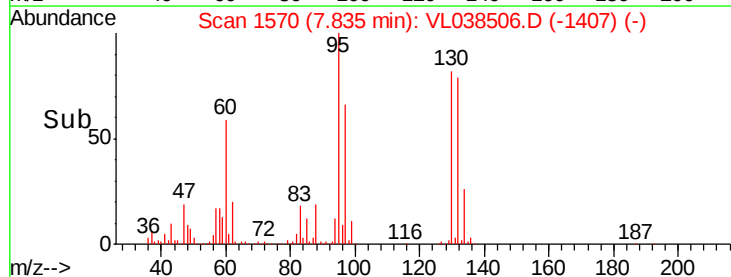
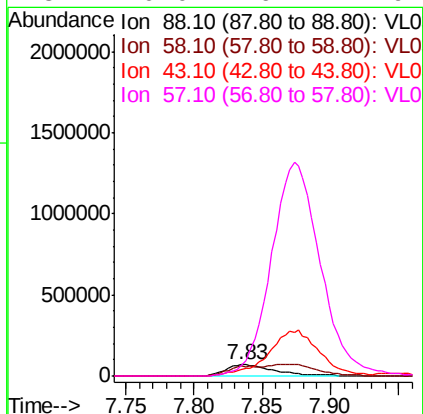
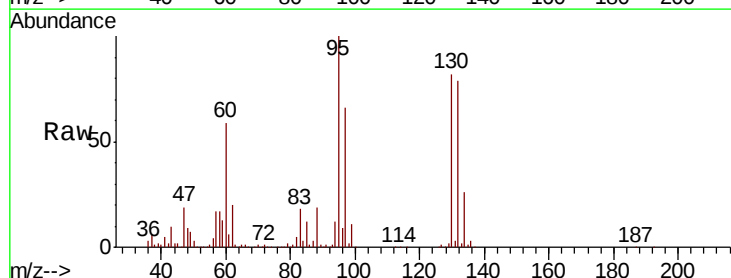
#39
 1,2-Dichloropropane
 Concen: 10.700 ppbv
 RT: 7.62
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 3 Mar 2022 6:32

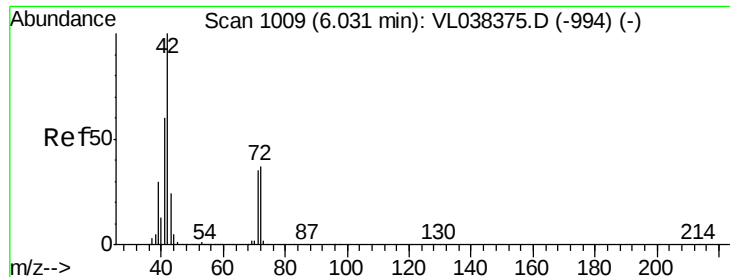
Tot Ion	63	Resp	763690
Ion Ratio	Lower	Upper	
63	100		
41	74.7	56.1	84.1
62	67.2	55.5	83.3



#40
 1,4-Dioxane
 Concen: 9.893 ppbv
 RT: 7.83 min Scan# 1570
 Delta R.T. 0.02 min
 Lab File: VL038506.D
 Acq: 3 Mar 2022 6:32

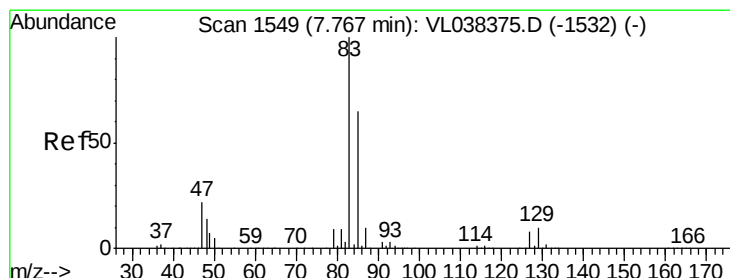
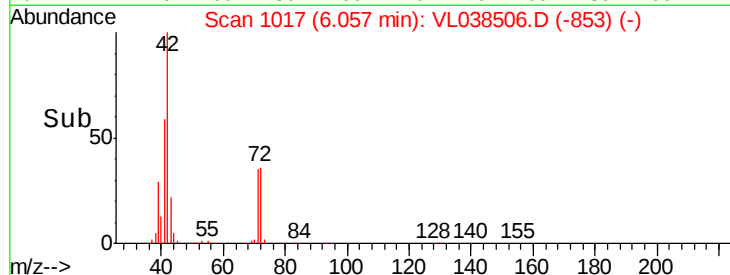
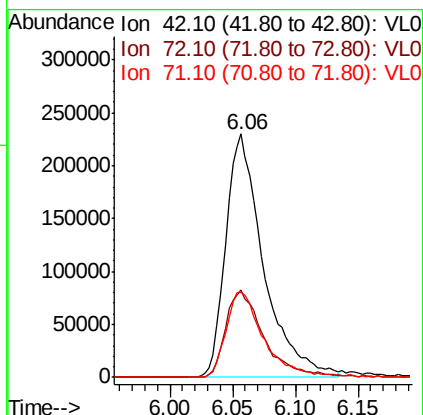
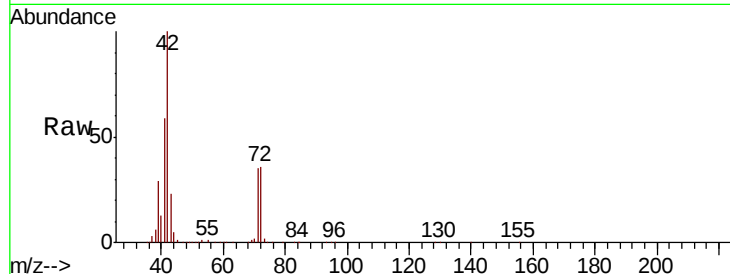
Tgt Ion	88	Resp	167481
Ion Ratio	Lower	Upper	
88	100		
58	0.0	133.2	199.8#
43	0.0	330.6	496.0#
57	0.0	1462.7	2194.1#





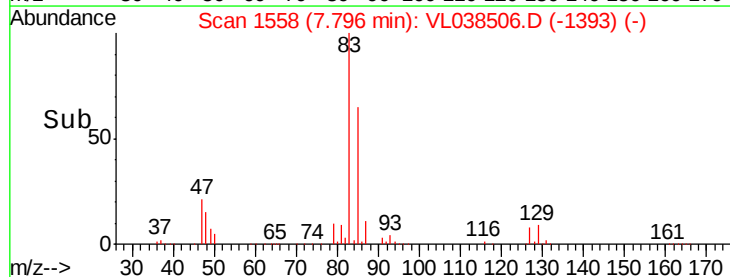
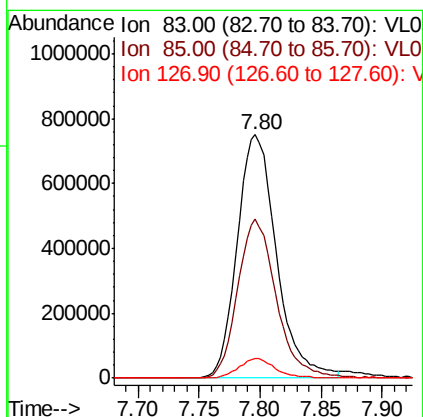
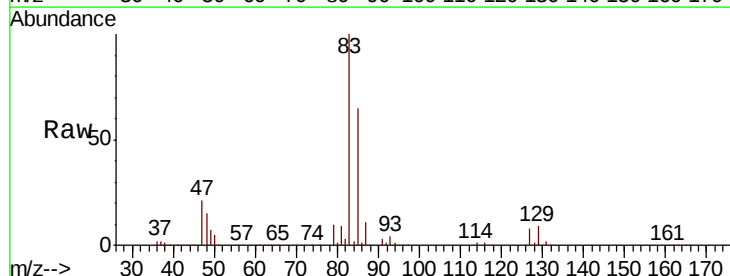
#41
Tetrahydrofuran
Concen: 11.133 ppbv
RT: 6.06
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
Acq: 3 Mar 2022 6:32

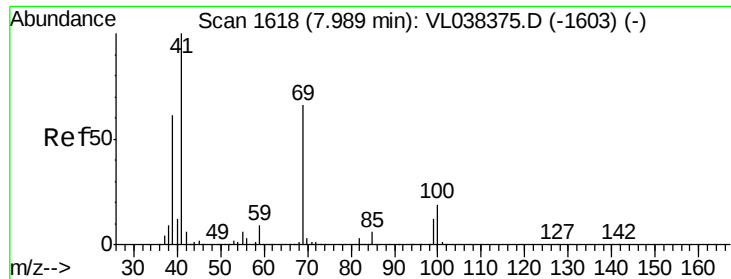
Tot Ion	Ratio	Lower	Upper
42	100		
72	36.4	29.9	44.9
71	35.4	28.6	42.8



#42
Bromodichloromethane
Concen: 11.187 ppbv
RT: 7.80 min Scan# 1558
Delta R.T.: 0.03 min
Lab File: VL038506.D
Acq: 3 Mar 2022 6:32

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.4	52.2	78.4
127	8.0	6.2	9.4





#43

Methyl Methacrylate

Concen: 11.542 ppbv

RT: 8.01 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 3 Mar 2022 8:32

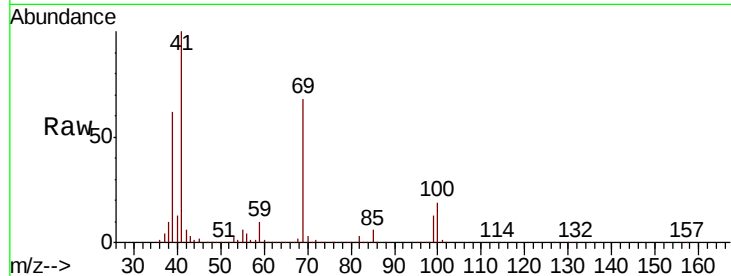
Tot Ion: 69 Resp: 718945

Ion Ratio Lower Upper

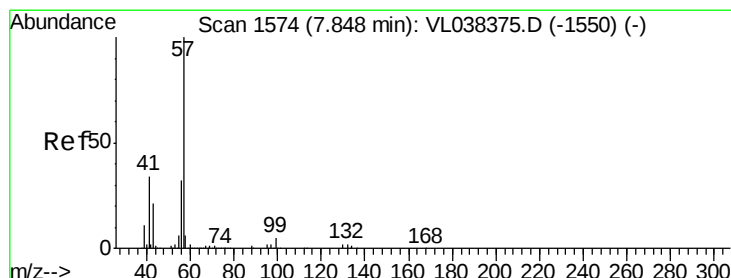
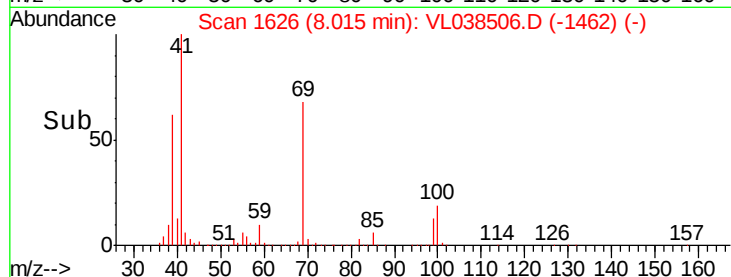
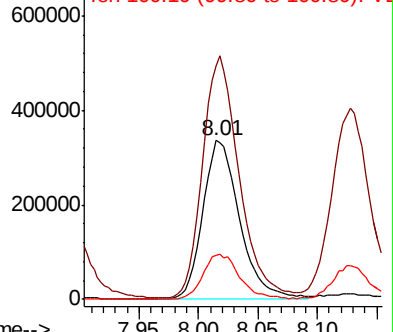
69 100

41 153.5 122.9 184.3

100 28.5 23.6 35.4



Abundance Ion 69.10 (68.80 to 69.80): VL0
Ion 41.10 (40.80 to 41.80): VL0
Ion 100.10 (99.80 to 100.80): VL0



#44

2,2,4-Trimethylpentane

Concen: 10.754 ppbv

RT: 7.87 min Scan# 1582

Delta R.T. 0.03 min

Lab File: VL038506.D

Acq: 3 Mar 2022 6:32

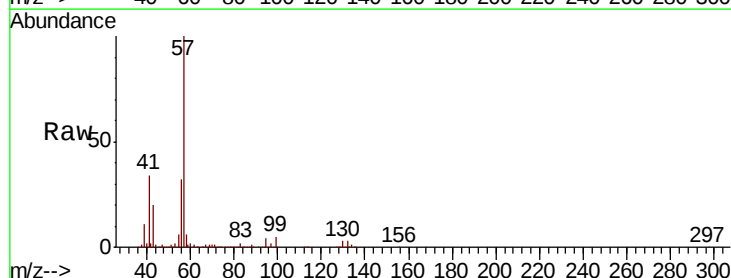
Tgt Ion: 57 Resp: 3312112

Ion Ratio Lower Upper

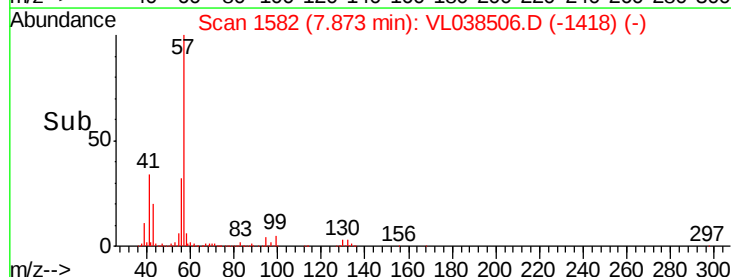
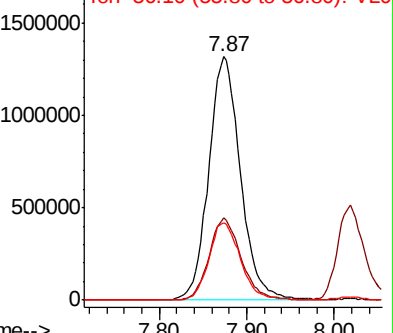
57 100

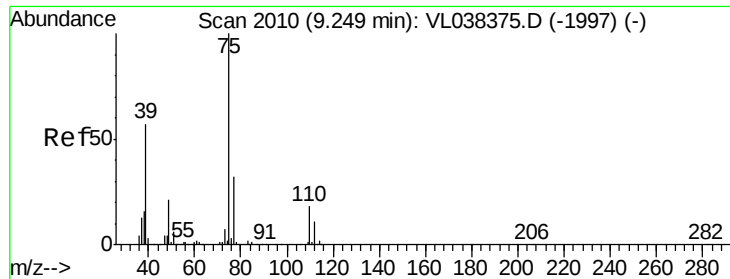
41 34.0 26.6 39.8

56 31.6 25.0 37.6



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





#45

t-1,3-Dichloropropene

Concen: 10.968 ppbv

RT: 9.28 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

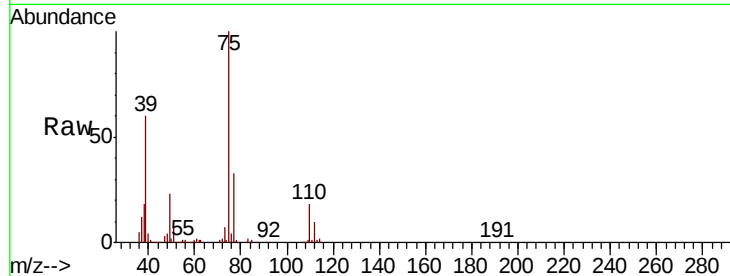
Acq: 3 Mar 2022 8:32

Tot Ion: 75 Resp: 546007

Ion Ratio Lower Upper

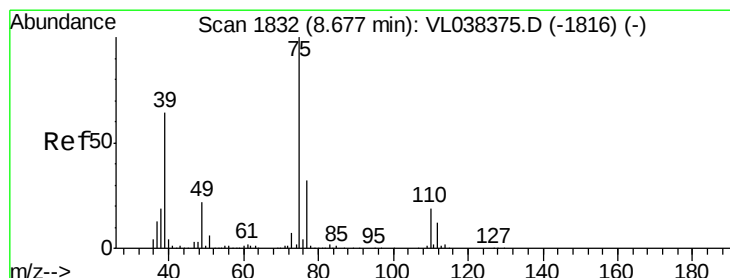
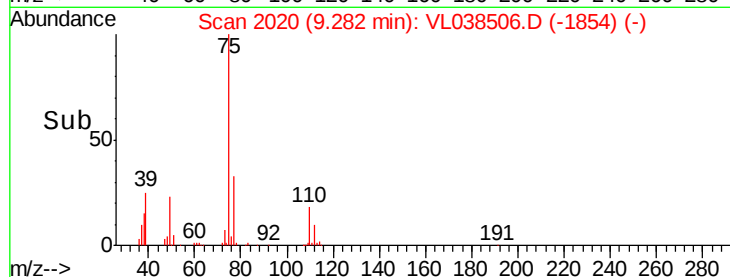
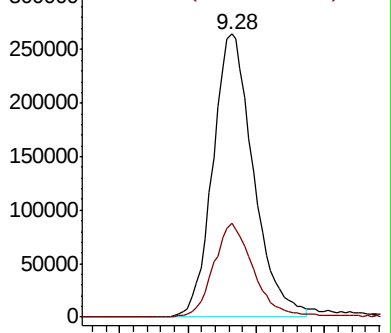
75 100

77 33.0 25.4 38.0



Abundance Ion 75.10 (74.80 to 75.80): VL0

Ion 77.10 (76.80 to 77.80): VL0



#46

cis-1,3-Dichloropropene

Concen: 10.655 ppbv

RT: 8.71 min Scan# 1841

Delta R.T. 0.03 min

Lab File: VL038506.D

Acq: 3 Mar 2022 6:32

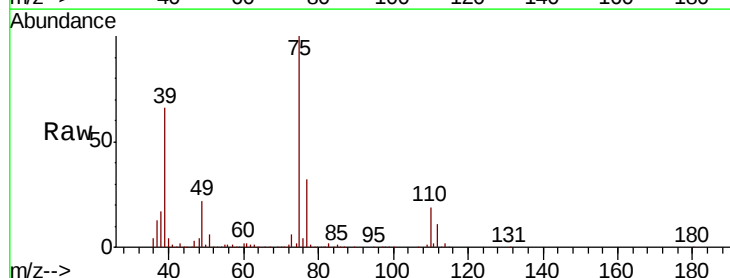
Tgt Ion: 75 Resp: 695216

Ion Ratio Lower Upper

75 100

39 66.3 51.4 77.2

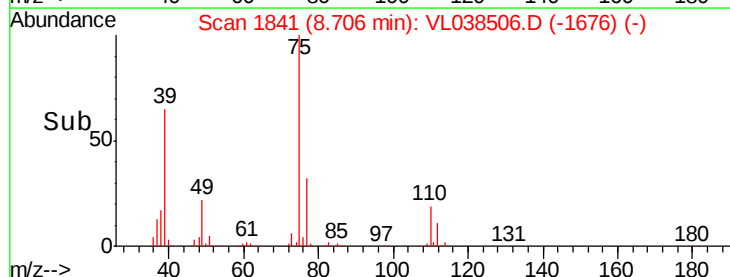
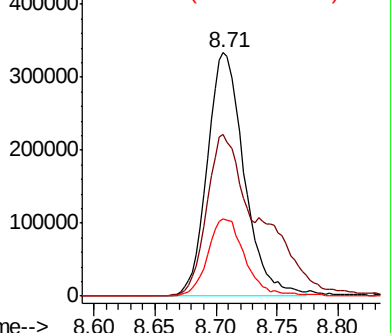
77 31.8 25.4 38.2

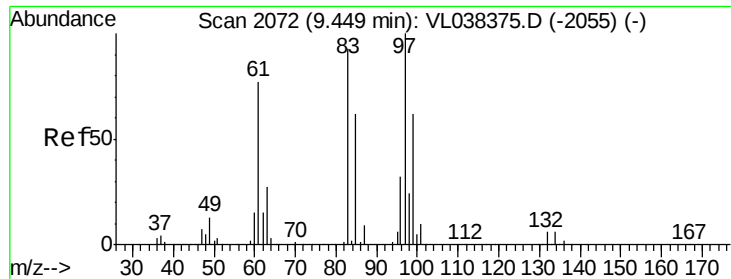


Abundance Ion 75.00 (74.70 to 75.70): VL0

Ion 39.00 (38.70 to 39.70): VL0

Ion 77.00 (76.70 to 77.70): VL0





#47

1,1,2-Trichloroethane

Concen: 10.913 ppbv

RT: 9.48 Instrument:

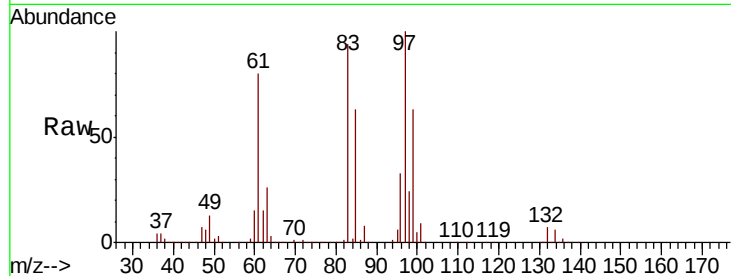
Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 3 Mar 2022 8:32

Tot Ion: 97 Resp: 774918

Ion	Ratio	Lower	Upper
97	100		
83	94.2	74.2	111.4
85	62.6	49.8	74.8
99	63.1	49.5	74.3

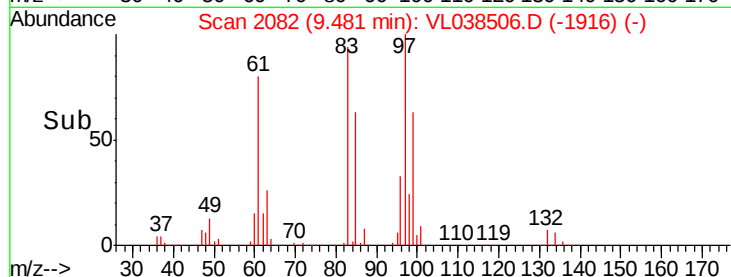


Abundance Ion 97.00 (96.70 to 97.70): VL0

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



Abundance

9.48

500000

400000

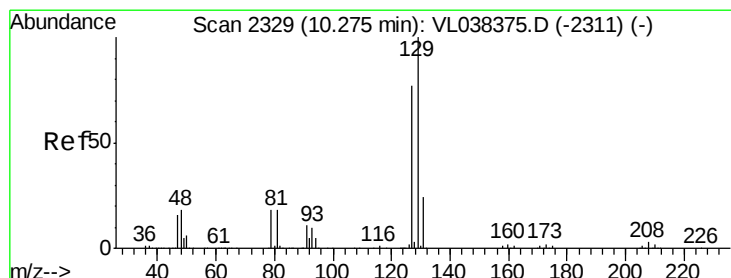
300000

200000

100000

0

Time-->



#48

Dibromochloromethane

Concen: 11.541 ppbv

RT: 10.31 min Scan# 2339

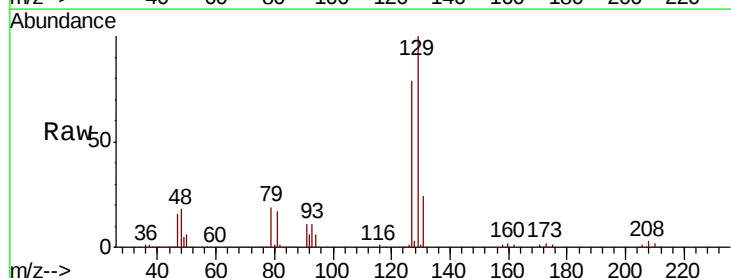
Delta R.T. 0.03 min

Lab File: VL038506.D

Acq: 3 Mar 2022 6:32

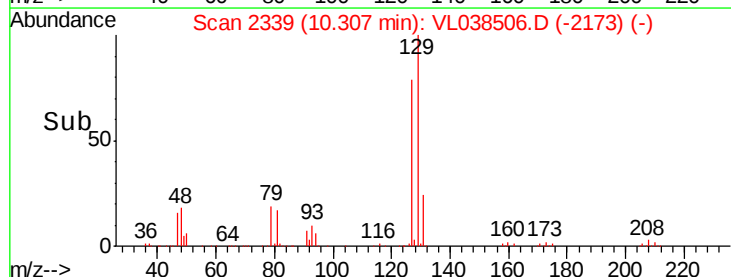
Tgt Ion:129 Resp: 1339990

Ion	Ratio	Lower	Upper
129	100		
127	78.5	39.4	118.1



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



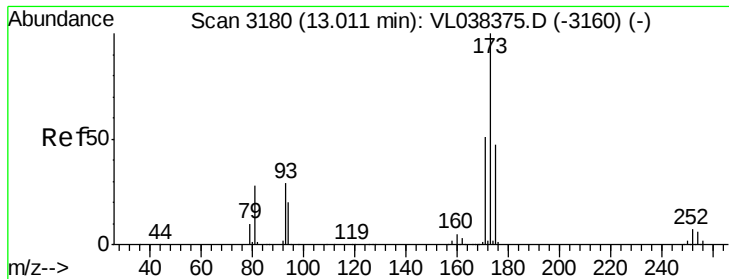
600000

400000

200000

0

Time-->



#49

Bromoform

Concen: 12.294 ppbv

RT: 13.04

Delta R.T. MSVOA_L

Lab File:

Acq: 3 Mar 2022 8:32

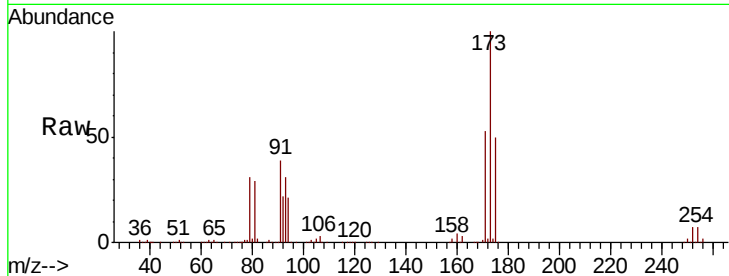
Tot Ion:173 Resp: 1053632

Ion Ratio Lower Upper

173 100

175 48.9 40.2 60.2

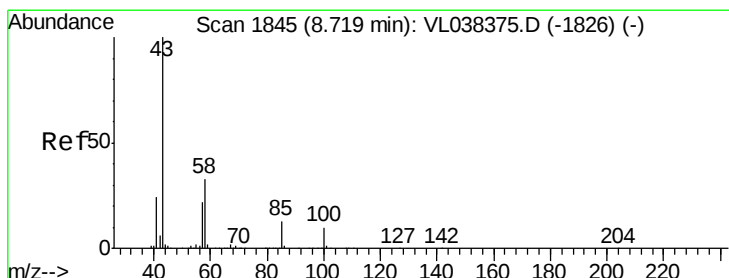
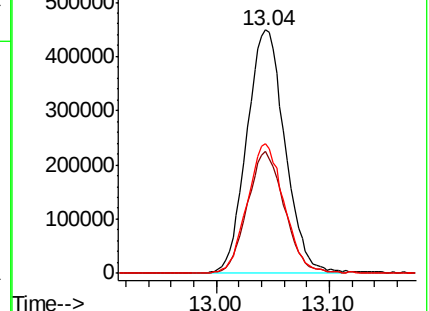
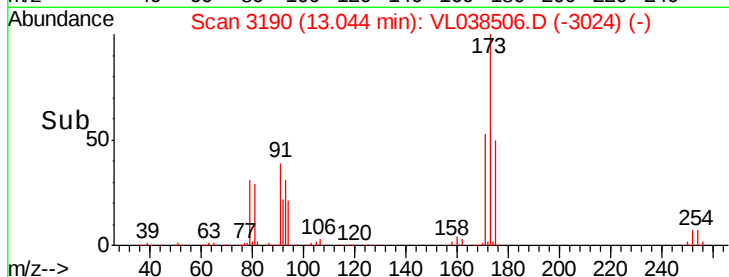
171 52.0 42.7 64.1



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: 11.819 ppbv

RT: 8.74 min Scan# 1853

Delta R.T. 0.03 min

Lab File: VL038506.D

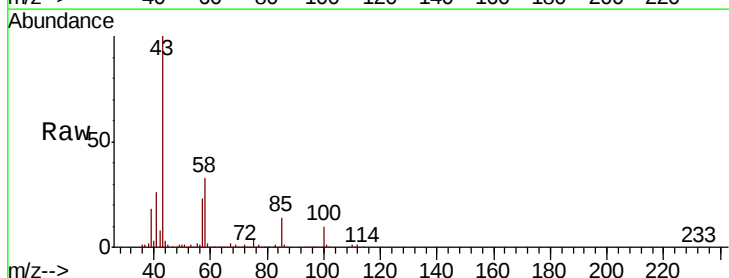
Acq: 3 Mar 2022 6:32

Tgt Ion: 43 Resp: 1337639

Ion Ratio Lower Upper

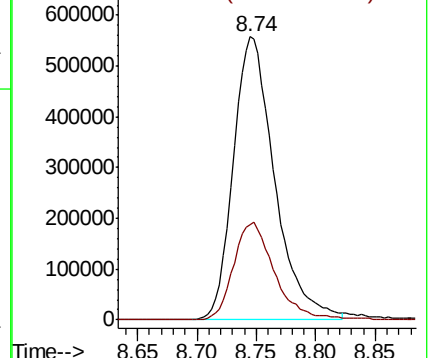
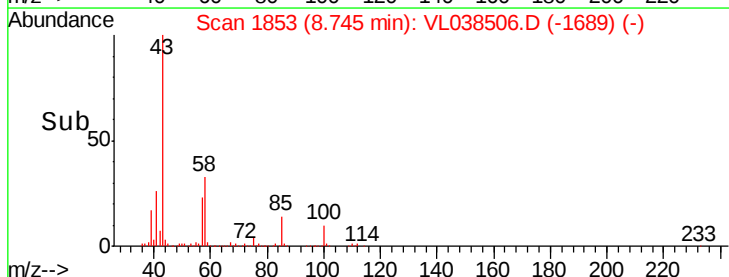
43 100

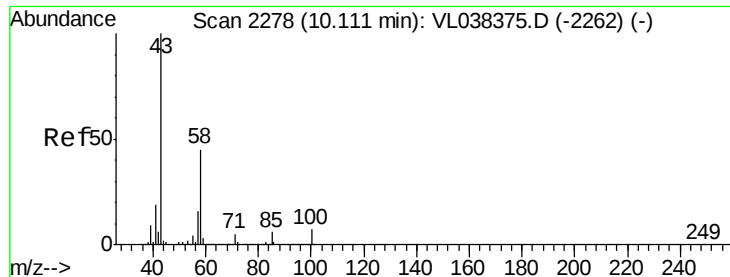
58 34.6 27.7 41.5



Abundance Ion 43.10 (42.80 to 43.80): VL0

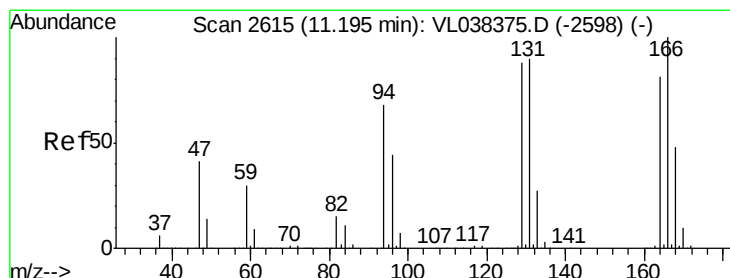
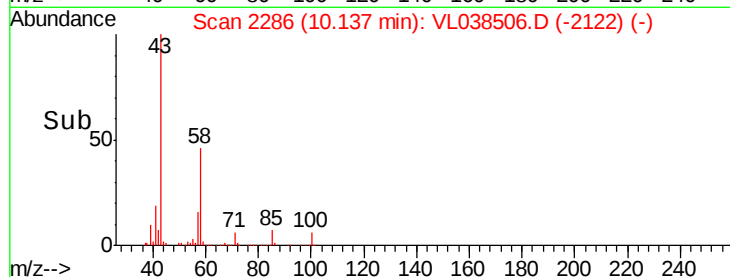
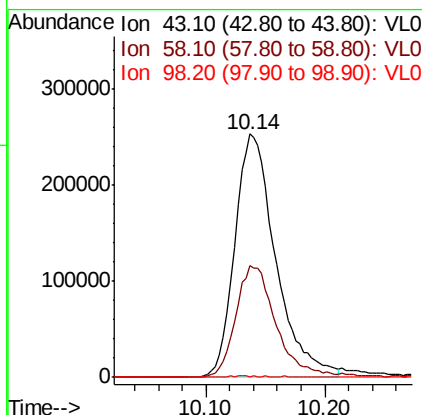
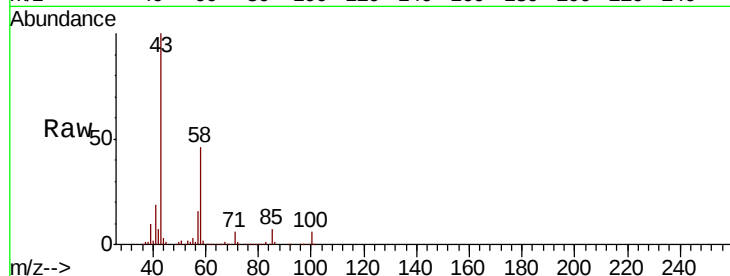
Ion 58.10 (57.80 to 58.80): VL0





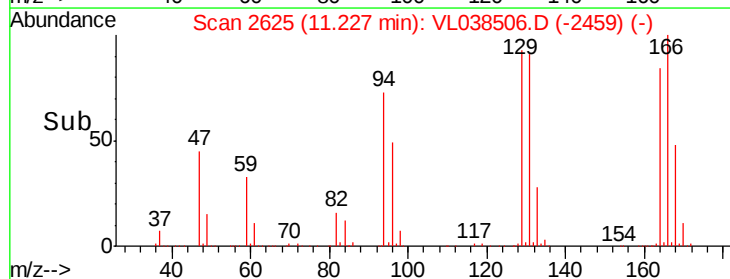
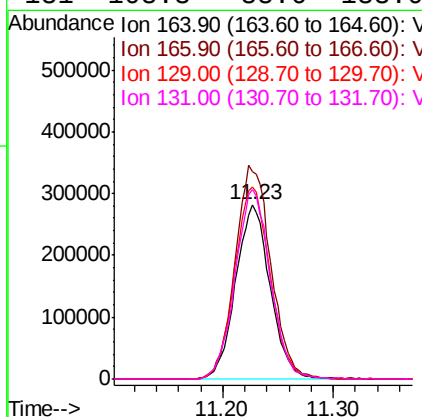
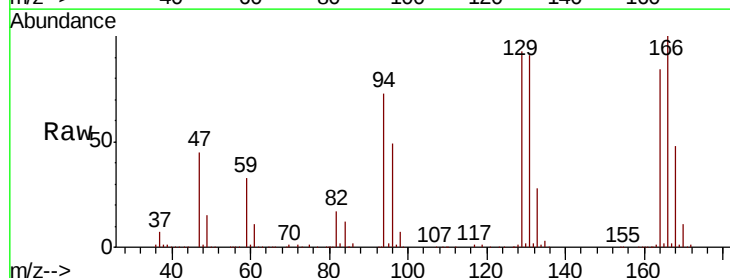
#51
2-Hexanone
Concen: 11.841 ppbv
RT: 10.14 min
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 3 Mar 2022 8:32

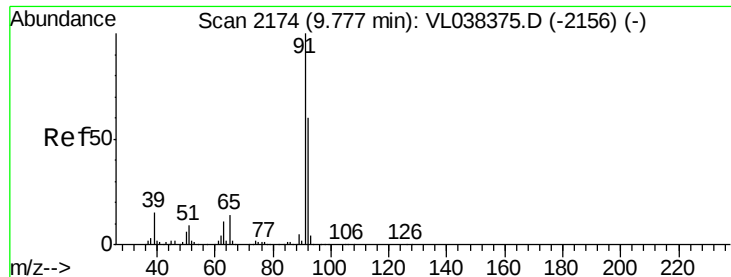
Tot Ion	43	Resp	600013
Ion Ratio	100		
Lower	37.4		
Upper	56.0		
98	0.5	0.1	0.1#



#52
Tetrachloroethene
Concen: 10.239 ppbv
RT: 11.23 min Scan# 2625
Delta R.T. 0.03 min
Lab File: VL038506.D
Acq: 3 Mar 2022 6:32

Tgt Ion	164	Resp	609042
Ion Ratio <td>100</td> <td></td> <td></td>	100		
Lower <td>98.6</td> <td></td> <td></td>	98.6		
Upper <td>148.0</td> <td></td> <td></td>	148.0		
166	119.1	86.9	130.3
129	110.4	88.6	133.0
131	108.3		





#53

Toluene

Concen: 11.098 ppbv

RT: 9.81 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

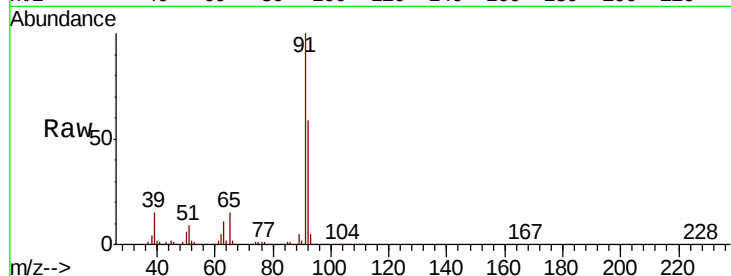
Acq: 3 Mar 2022 6:32

Tot Ion: 91 Resp: 2159196

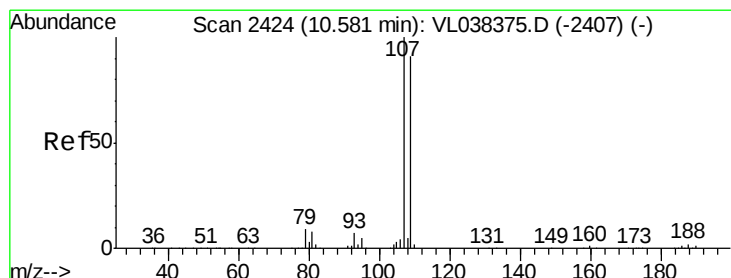
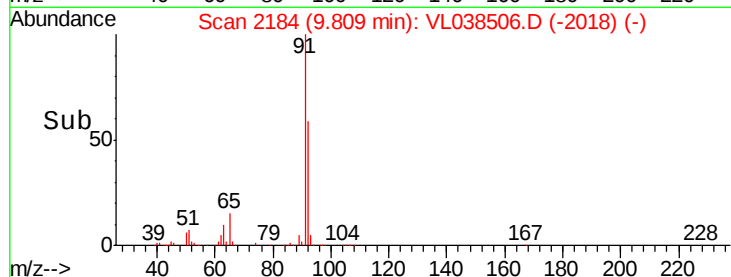
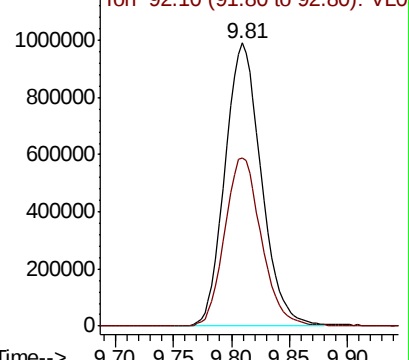
Ion Ratio Lower Upper

91 100

92 60.3 48.2 72.4



Abundance Ion 91.10 (90.80 to 91.80): VL0



#54

1,2-Dibromoethane

Concen: 11.274 ppbv

RT: 10.61 min Scan# 2434

Delta R.T. 0.03 min

Lab File: VL038506.D

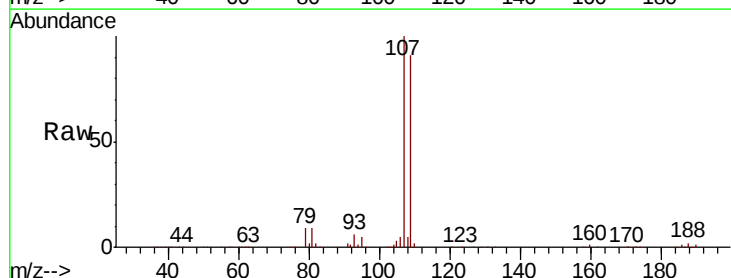
Acq: 3 Mar 2022 6:32

Tgt Ion: 107 Resp: 1126893

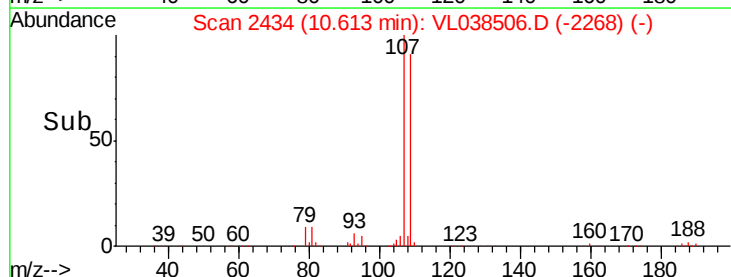
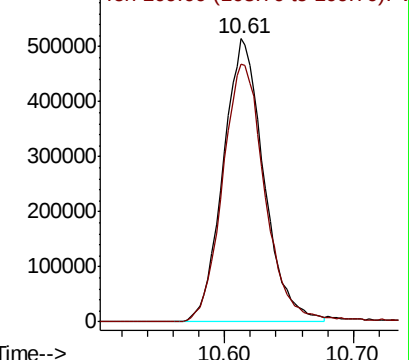
Ion Ratio Lower Upper

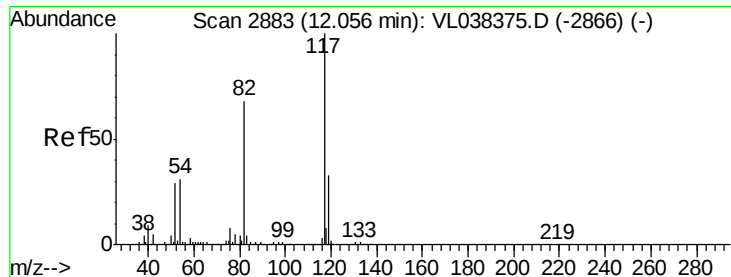
107 100

109 91.0 73.0 109.6



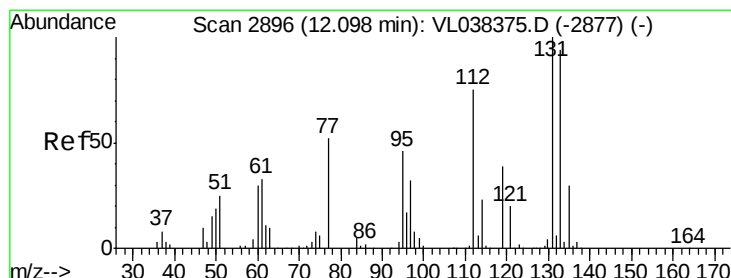
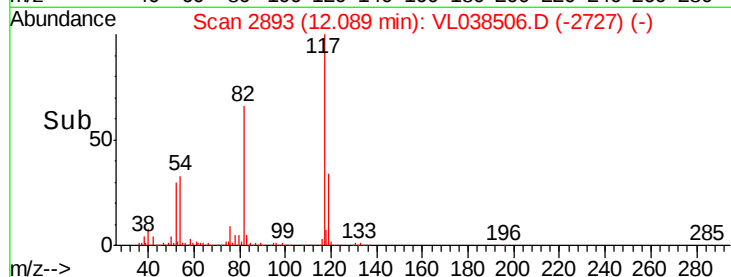
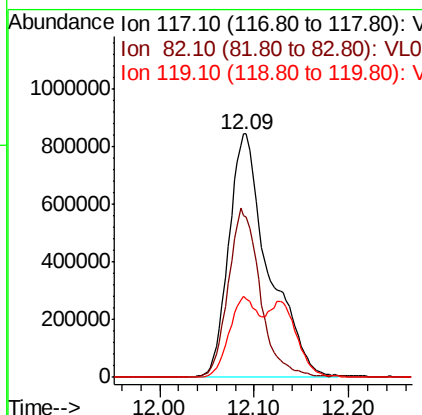
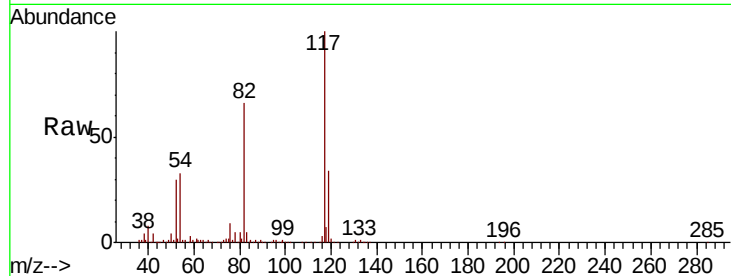
Abundance Ion 107.00 (106.70 to 107.70): V





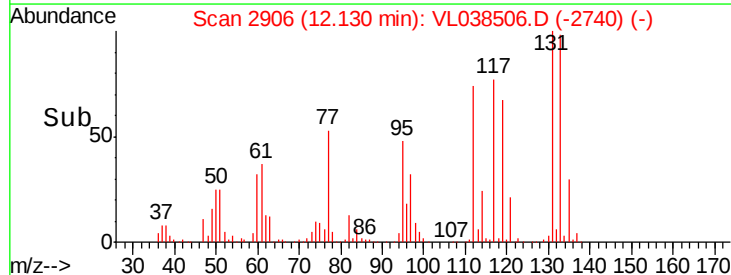
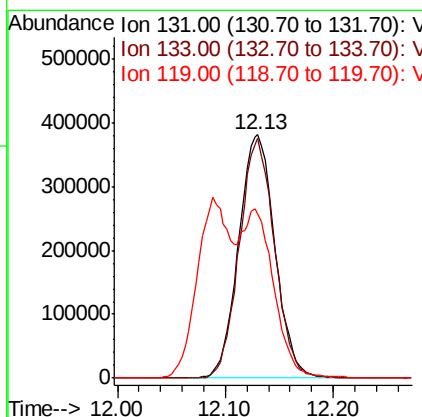
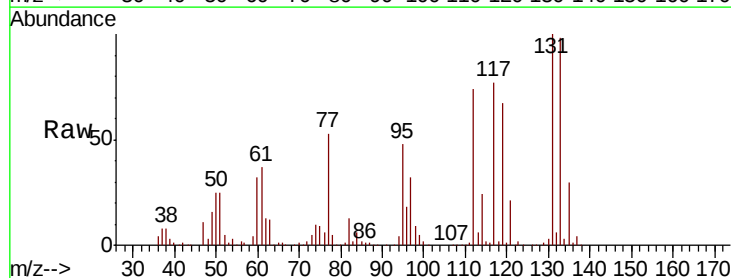
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.09 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
Acq: 3 Mar 2022 6:32

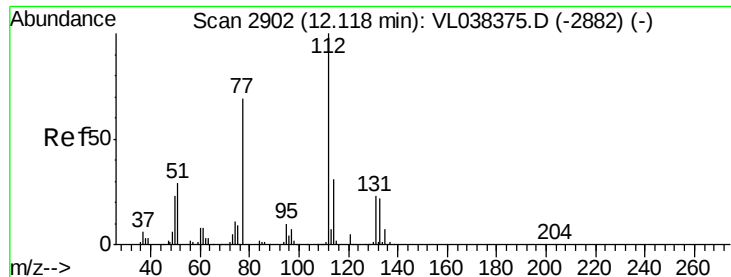
Tot Ion:117 Resp: 2477889
Ion Ratio Lower Upper
117 100
82 55.9 54.9 82.3
119 24.1 46.1 69.1#



#56
1,1,1,2-Tetrachloroethane
Concen: 8.646 ppbv
RT: 12.13 min Scan# 2906
Delta R.T.: 0.03 min
Lab File: VL038506.D
Acq: 3 Mar 2022 6:32

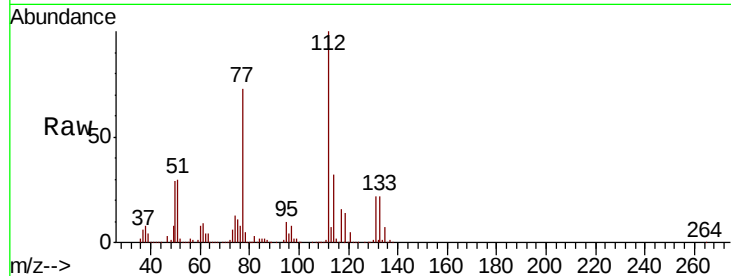
Tgt Ion:131 Resp: 892947
Ion Ratio Lower Upper
131 100
133 95.8 77.3 115.9
119 60.8 48.6 73.0



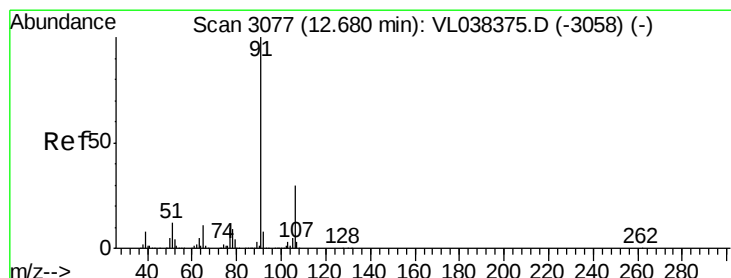
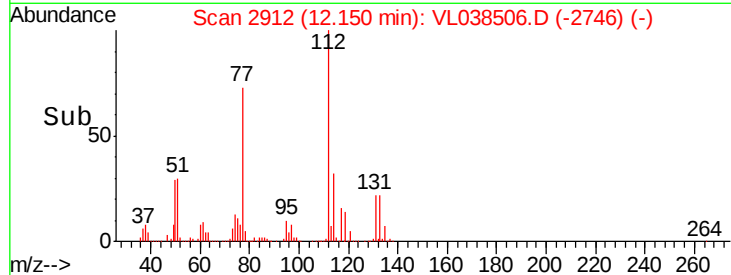
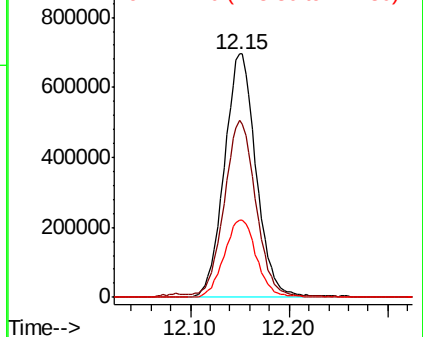


#57
Chlorobenzene
Concen: 8.108 ppbv
RT: 12.15 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
Acq: 3 Mar 2022 6:32

Tot Ion: 112 Resp: 1550120
Ion Ratio Lower Upper
112 100
77 72.7 55.2 82.8
114 31.7 27.9 34.1

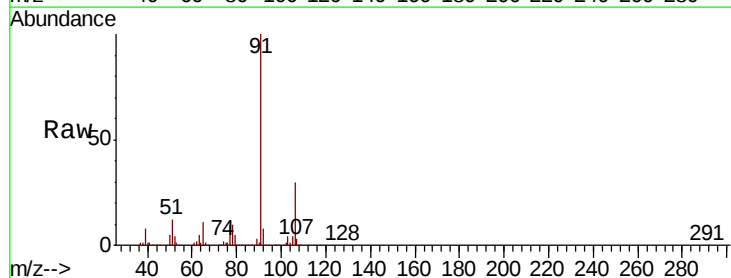


Abundance Ion 112.10 (111.80 to 112.80): V
Ion 77.10 (76.80 to 77.80): VL0
Ion 114.10 (113.80 to 114.80): V

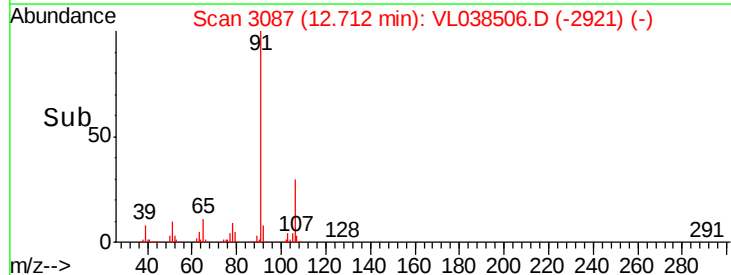
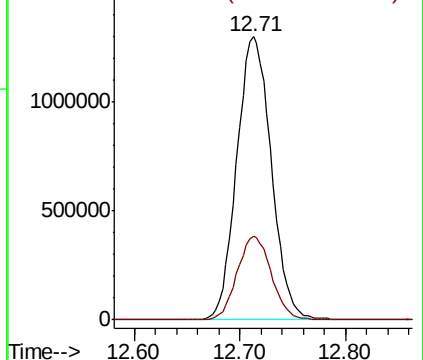


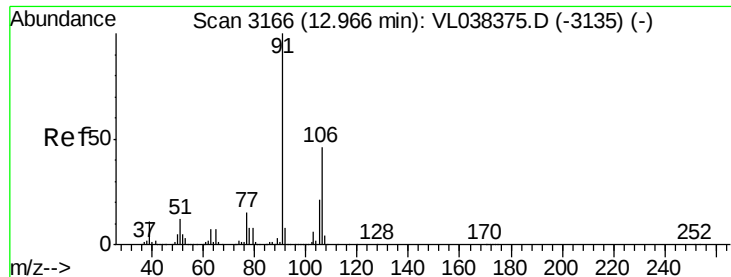
#58
Ethyl Benzene
Concen: 8.734 ppbv
RT: 12.71 min Scan# 3087
Delta R.T. 0.03 min
Lab File: VL038506.D
Acq: 3 Mar 2022 6:32

Tgt Ion: 91 Resp: 2959590
Ion Ratio Lower Upper
91 100
106 29.7 24.0 36.0



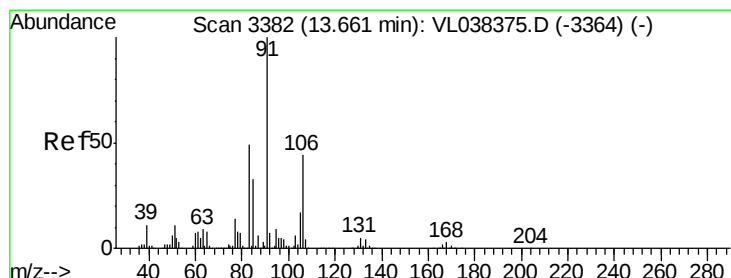
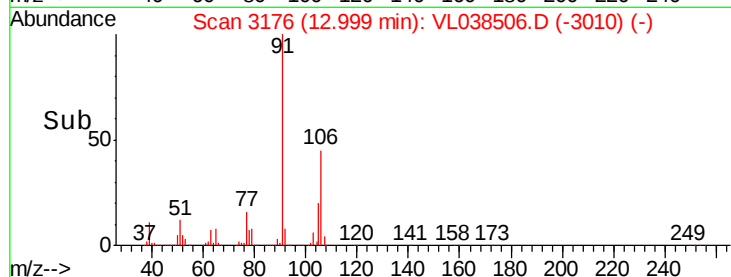
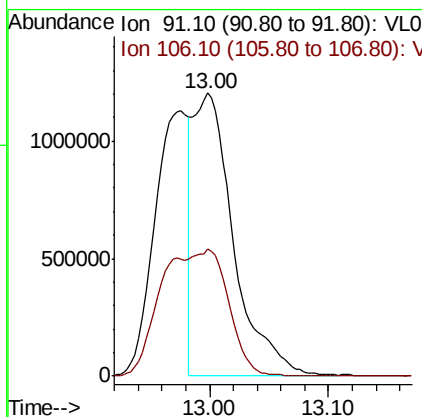
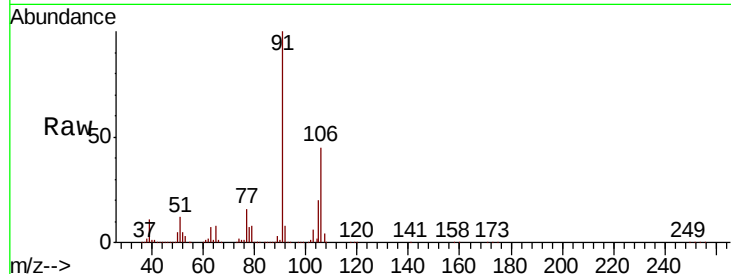
Abundance Ion 91.10 (90.80 to 91.80): VL0
Ion 106.10 (105.80 to 106.80): V





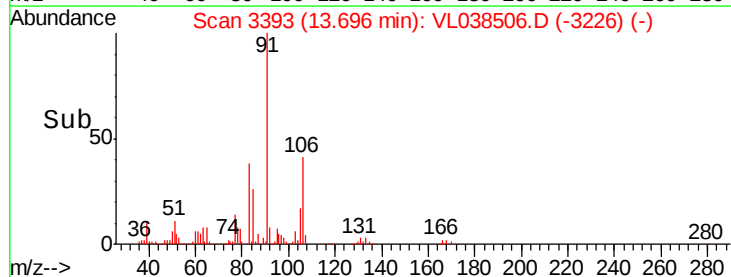
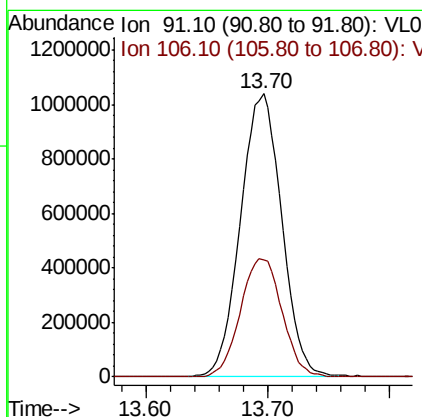
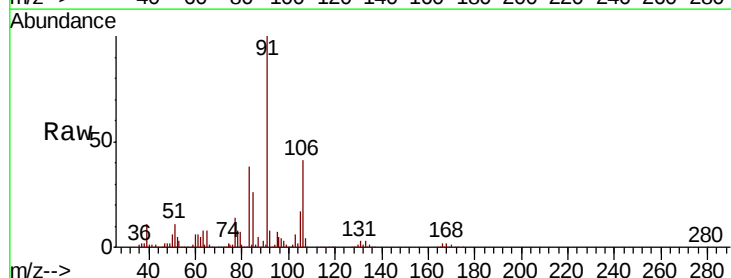
#59
m/p-Xylene
Concen: 9.684 ppbv
RT: 13.00
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 3 Mar 2022 6:32

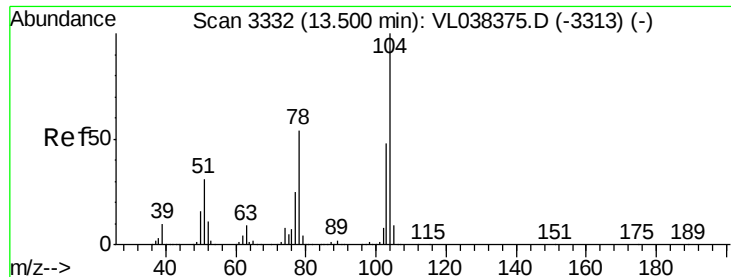
Tot Ion: 91 Resp: 2817956
Ion Ratio Lower Upper
91 100
106 75.5 34.4 51.6#



#60
o-Xylene
Concen: 8.795 ppbv
RT: 13.70 min Scan# 3393
Delta R.T. 0.04 min
Lab File: VL038506.D
Acq: 3 Mar 2022 6:32

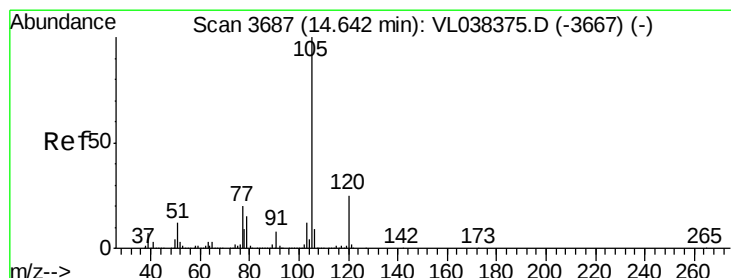
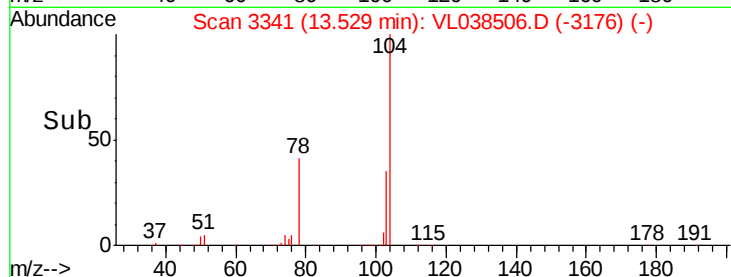
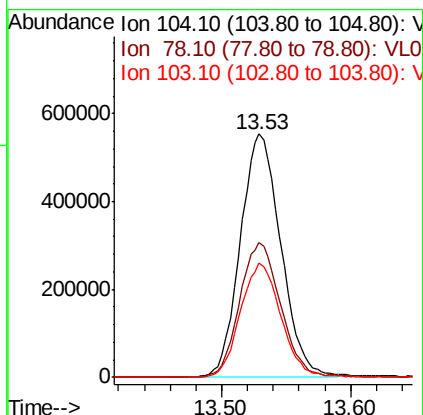
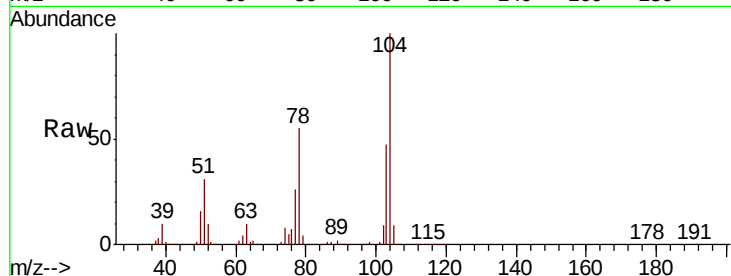
Tgt Ion: 91 Resp: 2419423
Ion Ratio Lower Upper
91 100
106 42.8 21.9 65.5





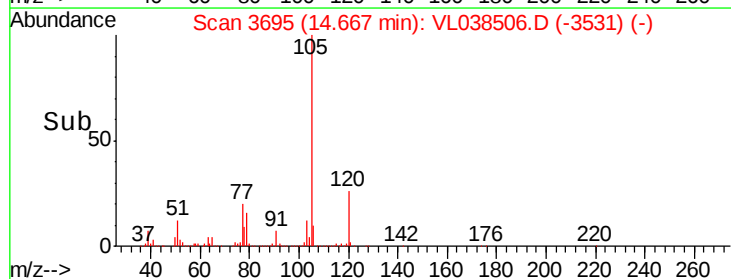
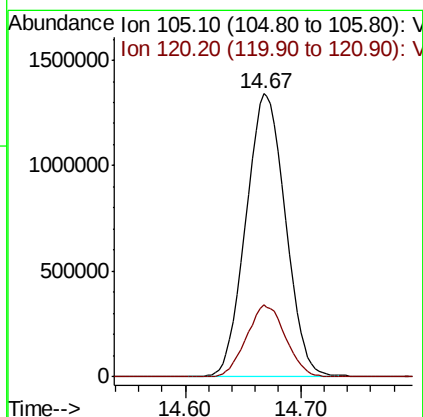
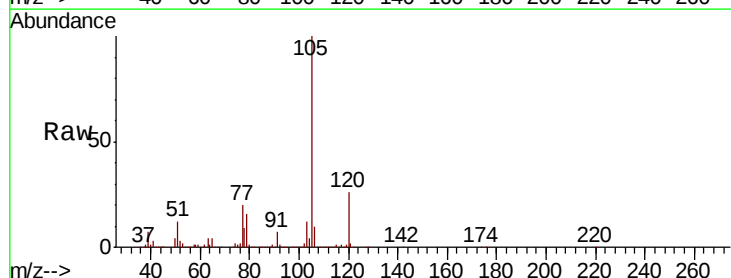
#61
Stvrene
Concen: 9.526 ppbv
RT: 13.53 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
Acq: 3 Mar 2022 6:32

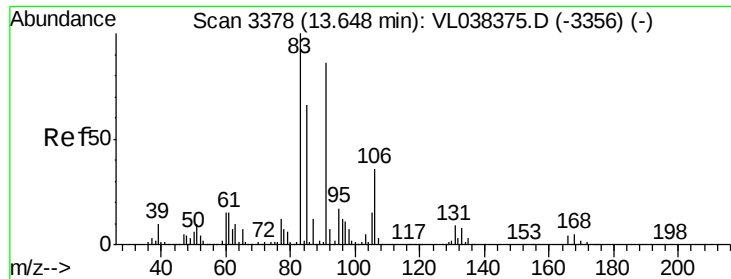
Tot Ion:104 Resp: 1208619
Ion Ratio Lower Upper
104 100
78 56.4 44.2 66.4
103 47.1 38.4 57.6



#62
Isopropylbenzene
Concen: 8.628 ppbv
RT: 14.67 min Scan# 3695
Delta R.T.: 0.03 min
Lab File: VL038506.D
Acq: 3 Mar 2022 6:32

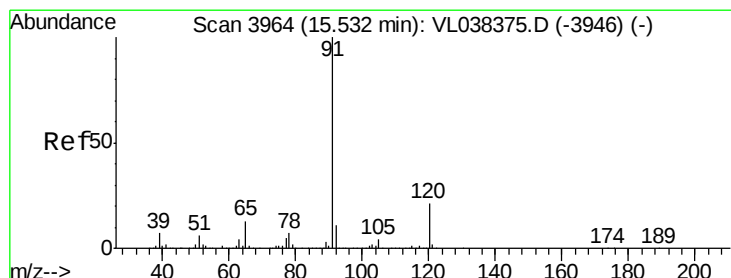
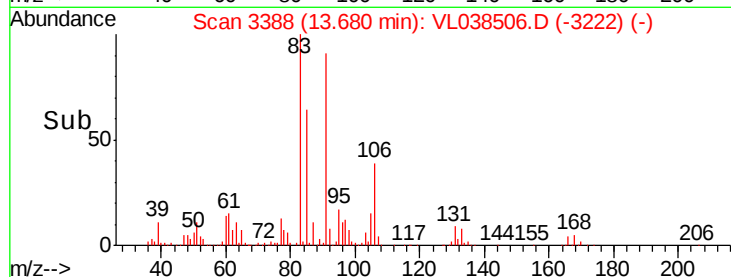
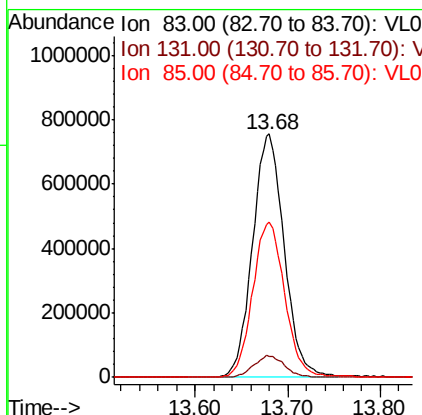
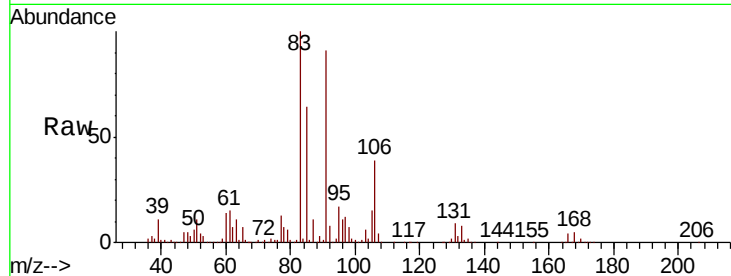
Tgt Ion:105 Resp: 3185474
Ion Ratio Lower Upper
105 100
120 25.1 20.6 30.8





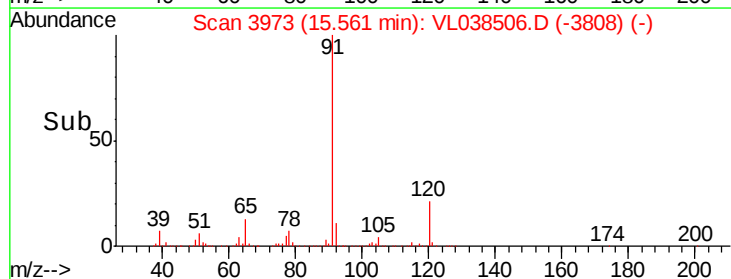
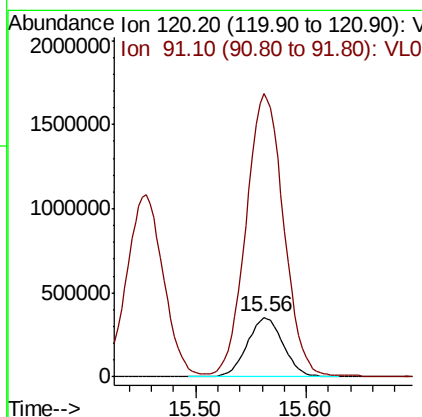
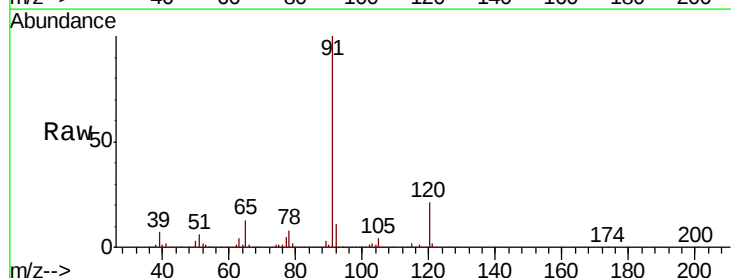
#63
 1,1,2,2-Tetrachloroethane
 Concen: 8.013 ppbv
 RT: 13.68 min
 Delta R.T. 0.03 min
 Lab File: VL038506.D
 Acq: 3 Mar 2022 6:32

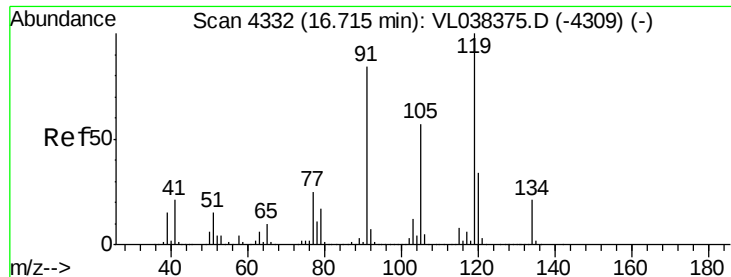
Tot Ion: 83 Resp: 1791021
 Ion Ratio Lower Upper
 83 100
 131 8.8 4.5 13.7
 85 65.1 33.0 99.0



#64
 n-propylbenzene
 Concen: 8.793 ppbv
 RT: 15.56 min Scan# 3973
 Delta R.T. 0.03 min
 Lab File: VL038506.D
 Acq: 3 Mar 2022 6:32

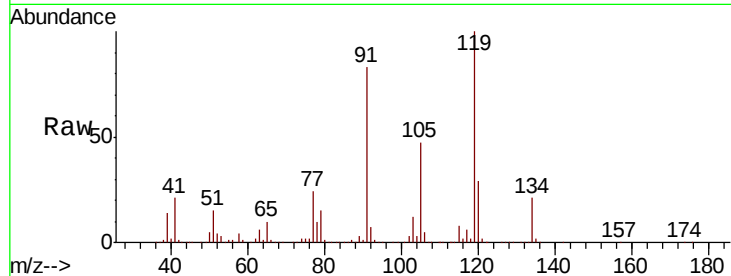
Tgt Ion: 120 Resp: 803801
 Ion Ratio Lower Upper
 120 100
 91 497.8 388.1 582.1



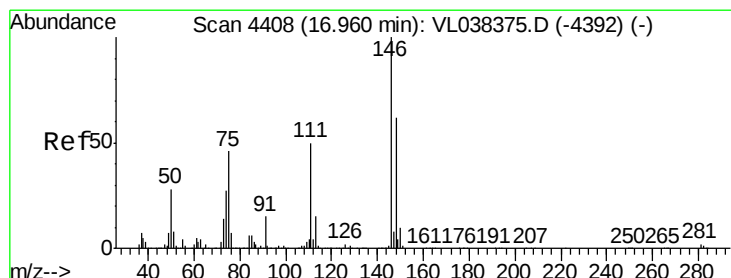
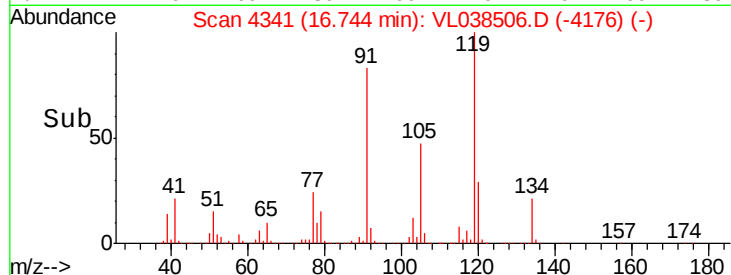
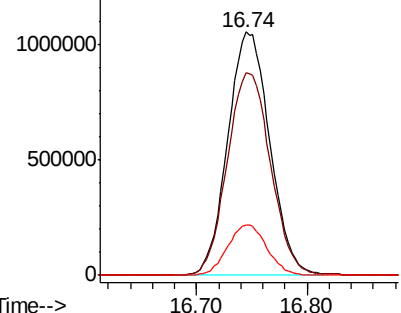


#65
tert-Butylbenzene
Concen: 8.686 ppbv
RT: 16.74 min
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 3 Mar 2022 6:32

Tot Ion: 119 Resp: 2777583
Ion Ratio Lower Upper
119 100
91 86.3 68.0 102.0
134 19.5 15.8 23.8

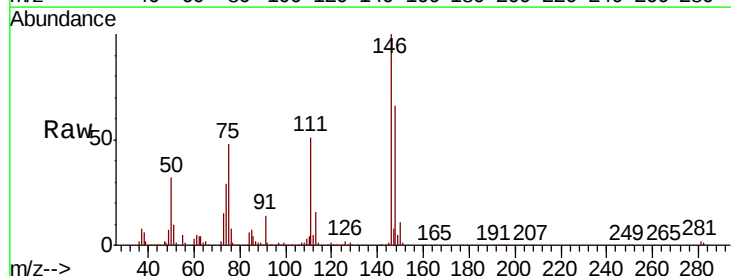


Abundance Ion 119.20 (118.90 to 119.90): V
Ion 91.10 (90.80 to 91.80): VL0
Ion 134.20 (133.90 to 134.90): V

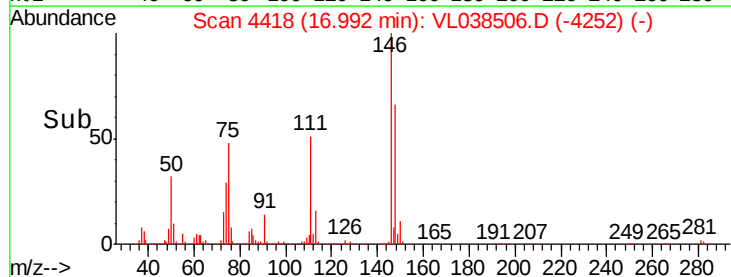
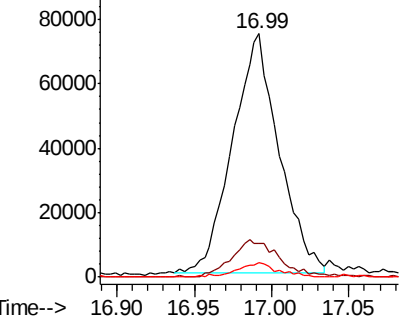


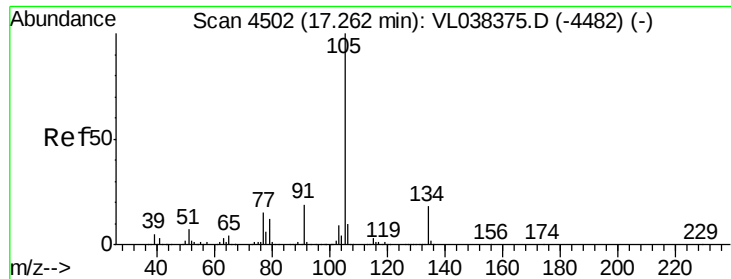
#66
Benzyl Chloride
Concen: 8.986 ppbv
RT: 16.99 min Scan# 4418
Delta R.T. 0.03 min
Lab File: VL038506.D
Acq: 3 Mar 2022 6:32

Tgt Ion: 91 Resp: 155283
Ion Ratio Lower Upper
91 100
126 16.4 12.3 18.5
128 5.6 4.2 6.4



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





#67

sec-Butylbenzene

Concen: 8.712 ppbv

RT: 17.29

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

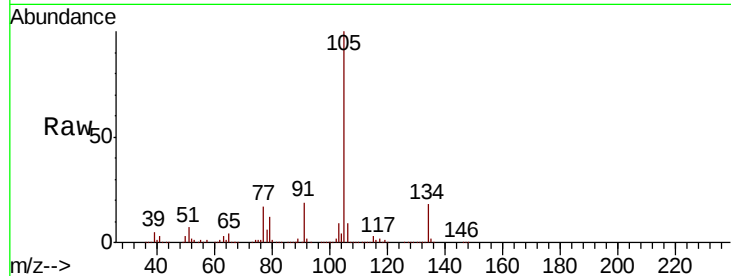
Acq: 3 Mar 2022 6:32

Tot Ion: 105 Resp: 3947532

Ion Ratio Lower Upper

105 100

134 17.7 14.6 21.8



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 134.20 (133.90 to 134.90): V

17.29

1500000

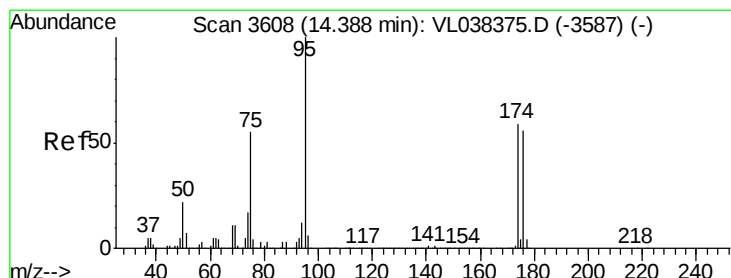
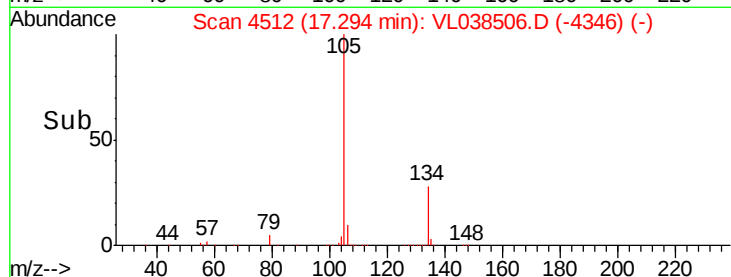
1000000

500000

0

Time-->

17.20 17.30 17.40



#68

1-Bromo-4-Fluorobenzene

Concen: 8.444 ppbv

RT: 14.42 min Scan# 3618

Delta R.T. 0.03 min

Lab File: VL038506.D

Acq: 3 Mar 2022 6:32

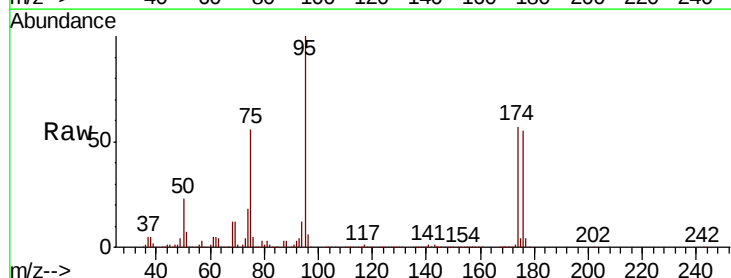
Tgt Ion: 95 Resp: 1731120

Ion Ratio Lower Upper

95 100

174 57.2 49.0 73.4

175 4.3 3.6 5.4



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

1000000

800000

600000

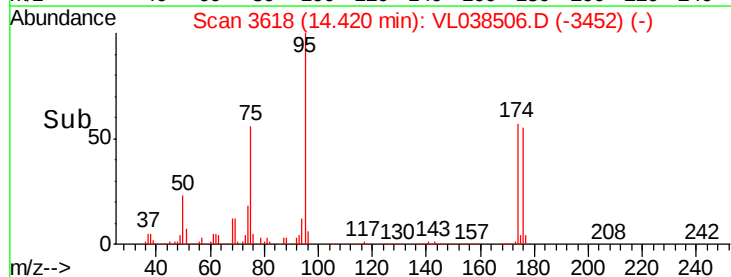
400000

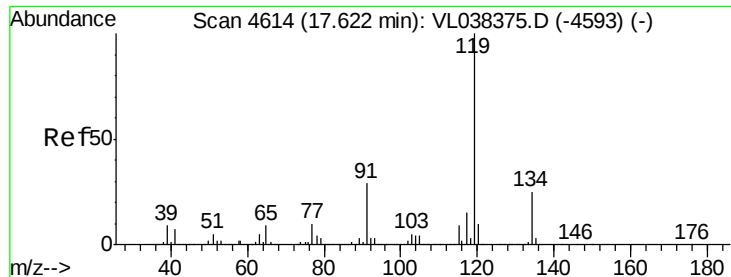
200000

0

Time-->

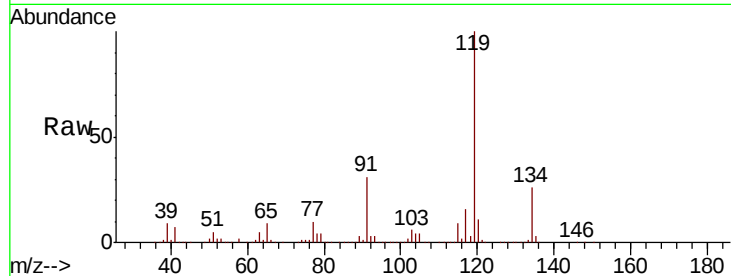
14.30 14.40 14.50



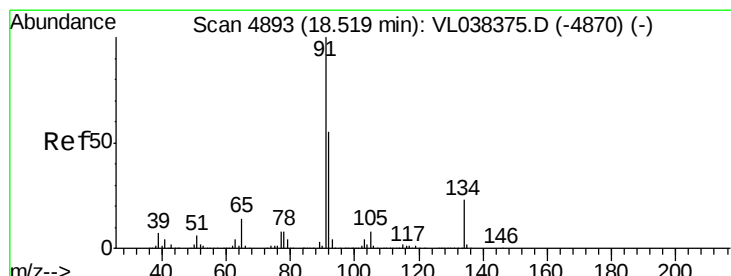
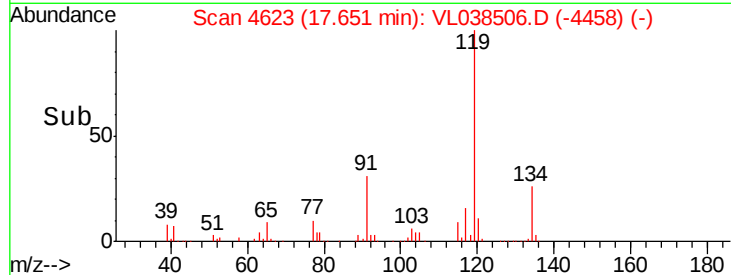
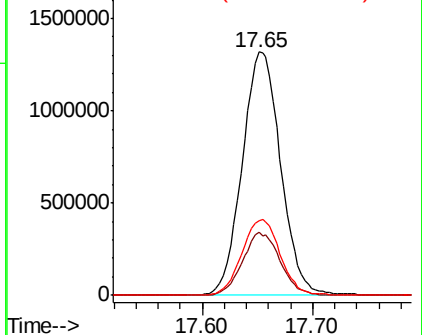


#69
 p-Isopropyltoluene
 Concen: 8.931 ppbv
 RT: 17.65 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 3 Mar 2022 8:32

Tot Ion: 119 Resp: 3178627
 Ion Ratio Lower Upper
 119 100
 134 25.5 20.4 30.6
 91 31.3 23.8 35.8

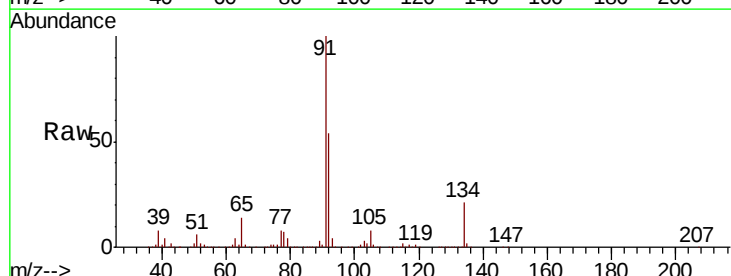


Abundance Ion 119.10 (118.80 to 119.80): V
 Ion 134.20 (133.90 to 134.90): V
 Ion 91.10 (90.80 to 91.80): V

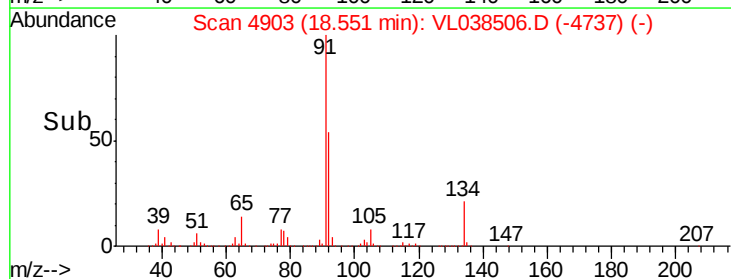
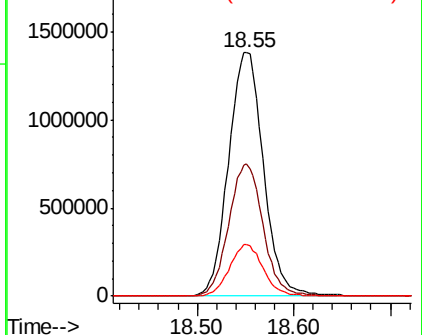


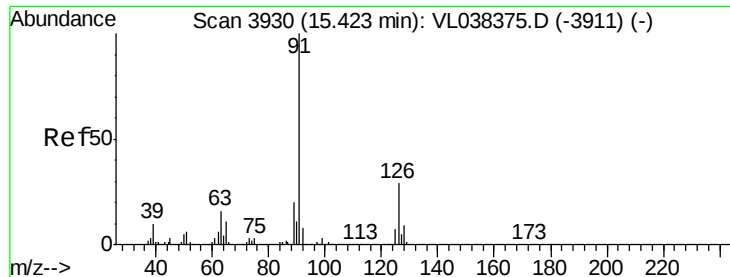
#70
 n-Butylbenzene
 Concen: 9.399 ppbv
 RT: 18.55 min Scan# 4903
 Delta R.T. 0.03 min
 Lab File: VL038506.D
 Acq: 3 Mar 2022 6:32

Tgt Ion: 91 Resp: 3461666
 Ion Ratio Lower Upper
 91 100
 92 53.8 43.1 64.7
 134 20.5 17.4 26.0



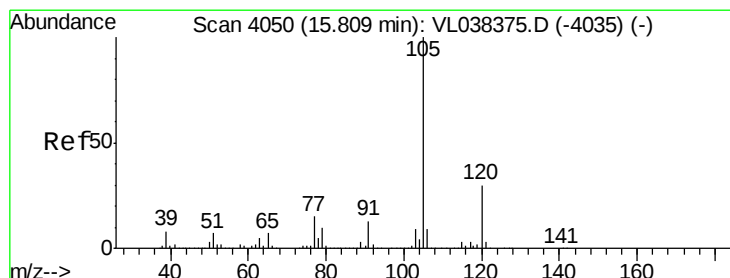
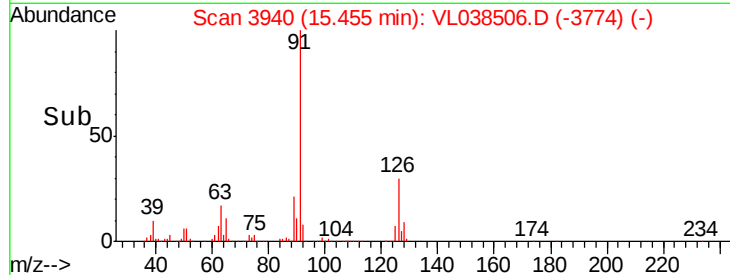
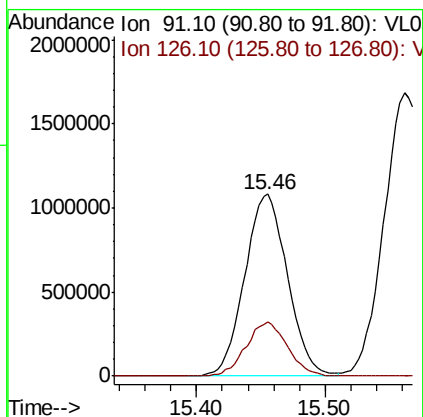
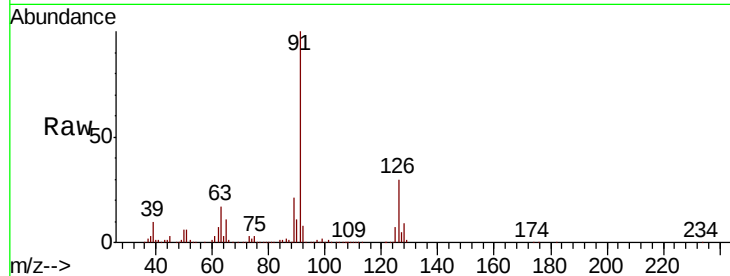
Abundance Ion 91.10 (90.80 to 91.80): VL0
 Ion 92.10 (91.80 to 92.80): VL0
 Ion 134.20 (133.90 to 134.90): V





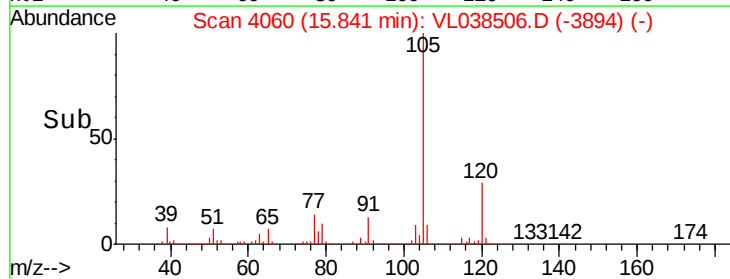
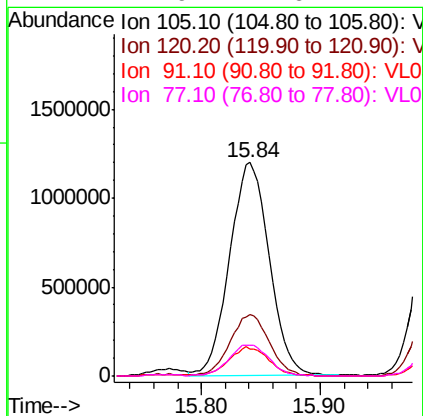
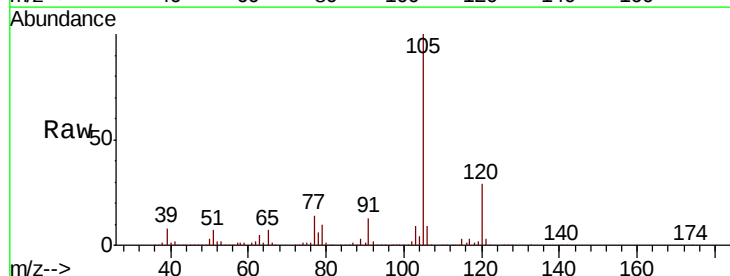
#71
 2-Chlorotoluene
 Concen: 8.797 ppbv
 RT: 15.46 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId:
 Acq: 3 Mar 2022 6:32

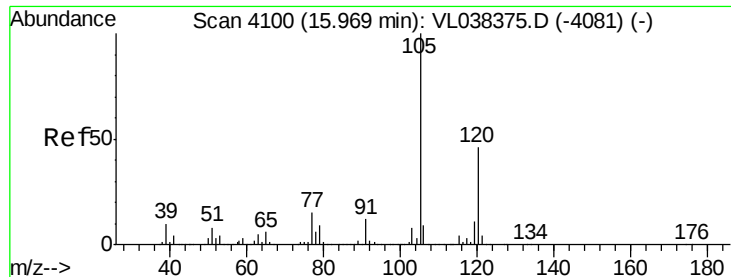
Tot Ion: 91 Resp: 2497551
 Ion Ratio Lower Upper
 91 100
 126 29.0 11.9 47.7



#72
 4-Ethyltoluene
 Concen: 9.100 ppbv
 RT: 15.84 min Scan# 4060
 Delta R.T. 0.03 min
 Lab File: VL038506.D
 Acq: 3 Mar 2022 6:32

Tgt Ion: 105 Resp: 2758062
 Ion Ratio Lower Upper
 105 100
 120 28.6 23.4 35.2
 91 14.2 10.4 15.6
 77 14.9 11.6 17.4





#73

1,3,5-Trimethylbenzene

Concen: 9.017 ppbv

RT: 16.00

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

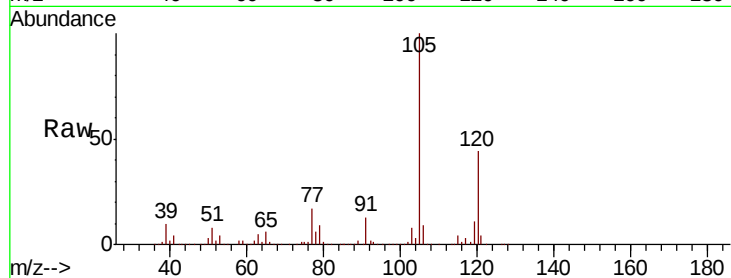
Acq: 3 Mar 2022 6:32

Tot Ion:105 Resp: 2482050

Ion Ratio Lower Upper

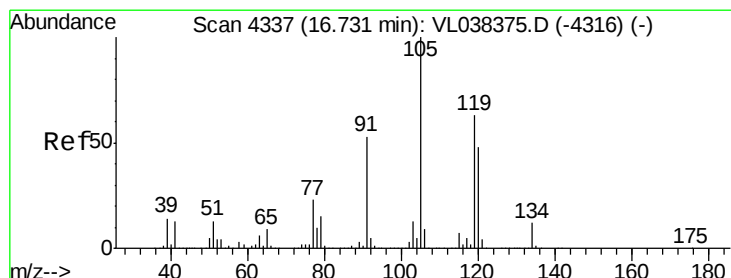
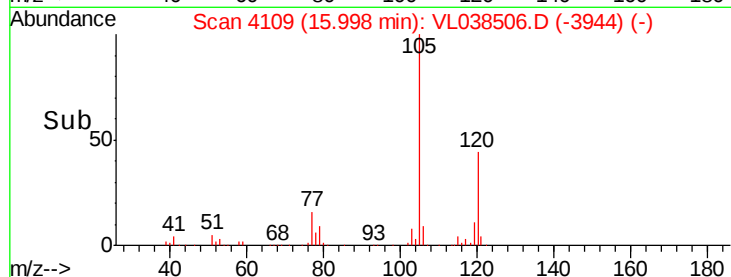
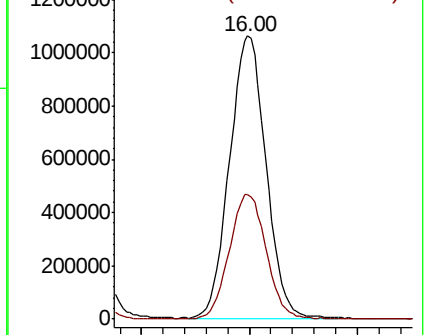
105 100

120 44.2 36.6 55.0



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V



#74

1,2,4-Trimethylbenzene

Concen: 8.999 ppbv

RT: 16.76 min Scan# 4347

Delta R.T. 0.03 min

Lab File: VL038506.D

Acq: 3 Mar 2022 6:32

Tgt Ion:105 Resp: 2615206

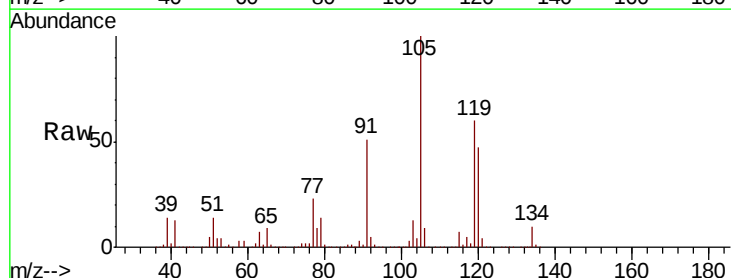
Ion Ratio Lower Upper

105 100

120 47.4 38.2 57.4

91 51.0 42.7 64.1

77 23.0 18.5 27.7

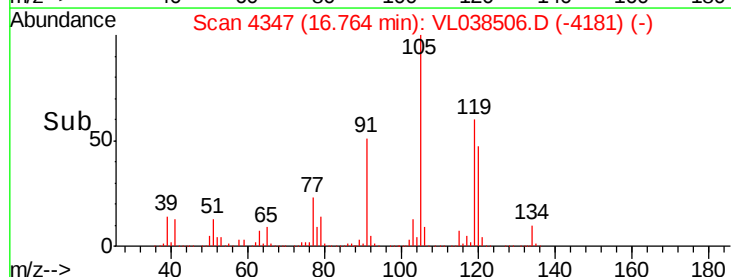
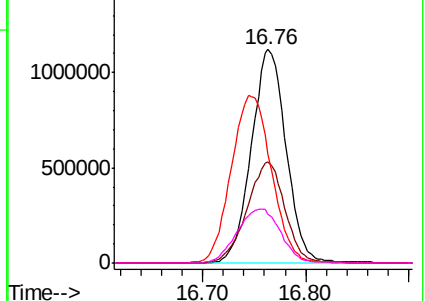


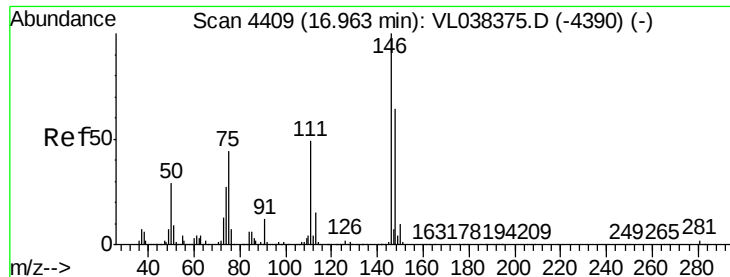
Abundance Ion 105.10 (104.80 to 105.80): V

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

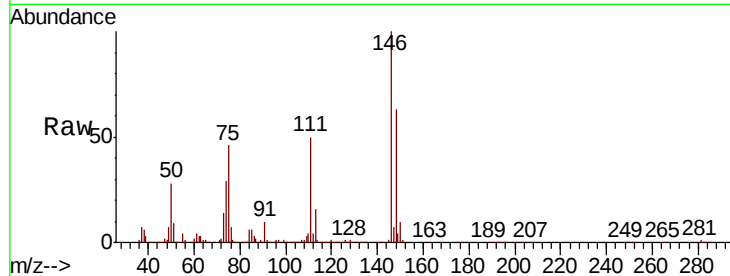




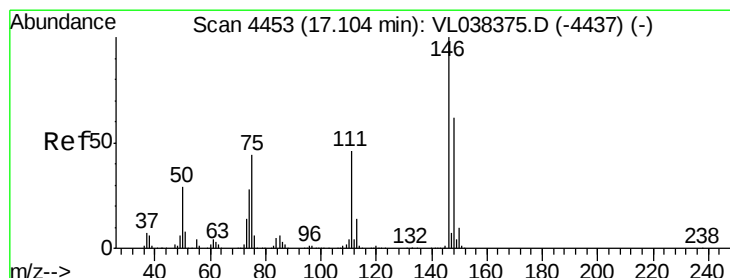
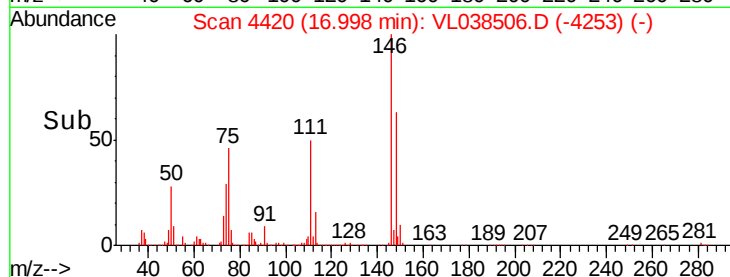
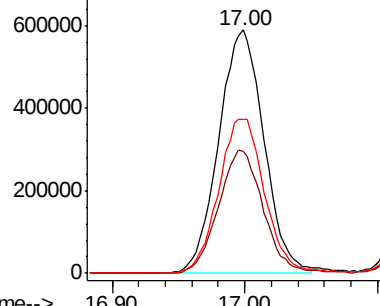
#75
 1,3-Dichlorobenzene
 Concen: 8.584 ppbv
 RT: 17.00 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 3 Mar 2022 0:32

Tot Ion:146 Resp: 1397217

Ion	Ratio	Lower	Upper
146	100		
111	50.1	24.3	72.9
148	64.8	32.0	96.0



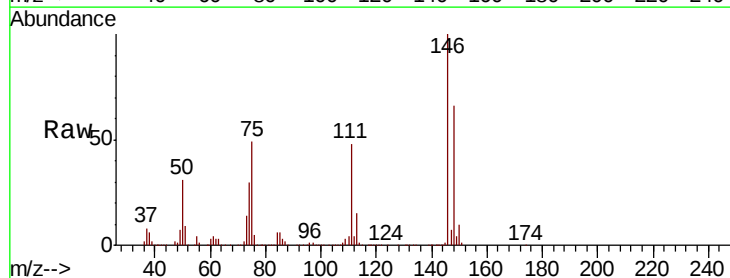
Abundance Ion 146.00 (145.70 to 146.70): V
 Ion 111.10 (110.80 to 111.80): V
 Ion 148.00 (147.70 to 148.70): V



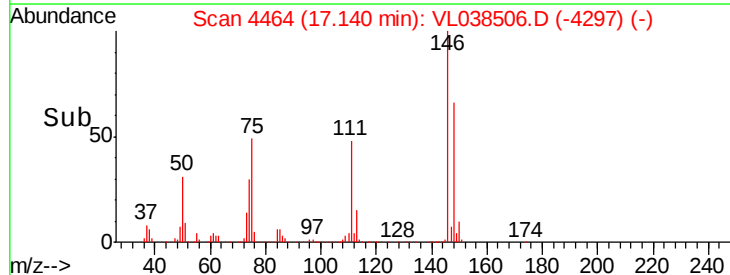
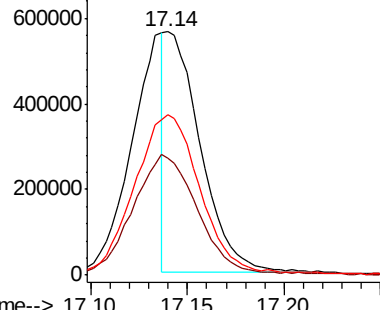
#76
 1,4-Dichlorobenzene
 Concen: 4.352 ppbv
 RT: 17.14 min Scan# 4464
 Delta R.T. 0.04 min
 Lab File: VL038506.D
 Acq: 3 Mar 2022 6:32

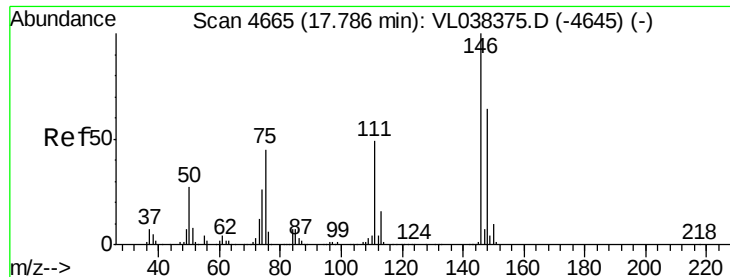
Tgt Ion:146 Resp: 698450

Ion	Ratio	Lower	Upper
146	100		
111	95.3	24.1	72.2#
148	128.7	32.8	98.4#



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





#77

1,2-Dichlorobenzene

Concen: 8.555 ppbv

RT: 17.82

Delta R.T. MSVOA_L

Lab File:

Acq: 3 Mar 2022 6:32

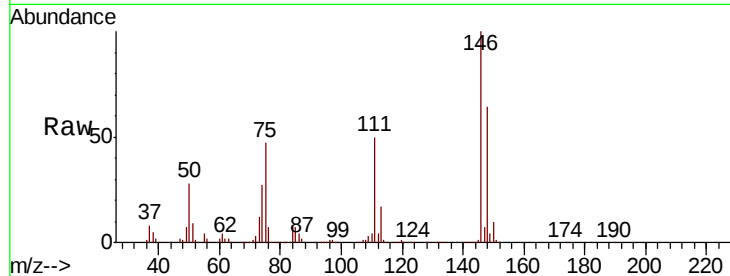
Tot Ion:146 Resp: 1340443

Ion Ratio Lower Upper

146 100

111 51.7 25.6 76.6

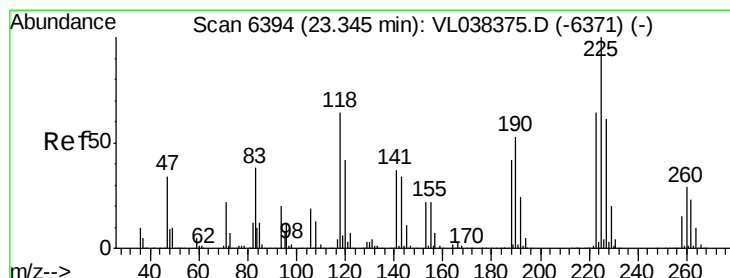
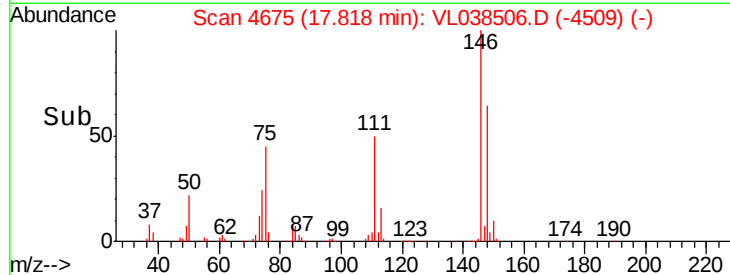
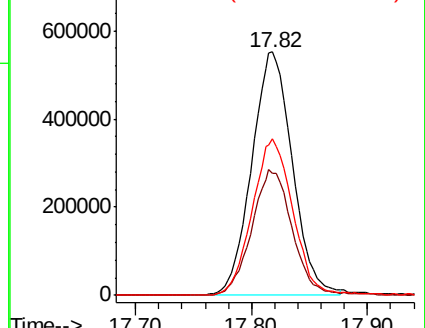
148 64.5 32.4 97.2



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: 3.894 ppbv

RT: 23.38 min Scan# 6404

Delta R.T. 0.03 min

Lab File: VL038506.D

Acq: 3 Mar 2022 6:32

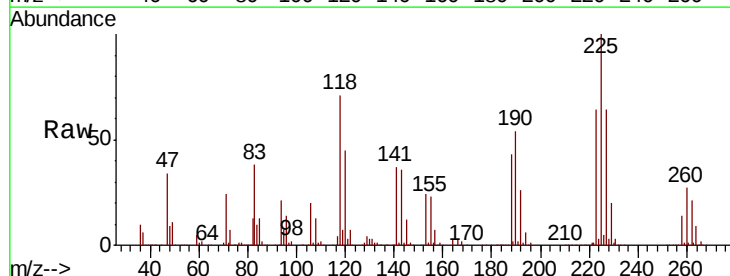
Tgt Ion:225 Resp: 465247

Ion Ratio Lower Upper

225 100

223 138.0 52.0 78.0#

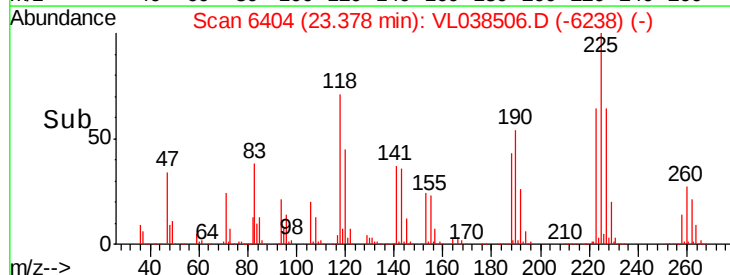
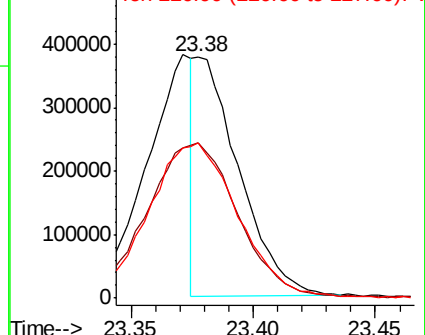
227 134.9 51.6 77.4#

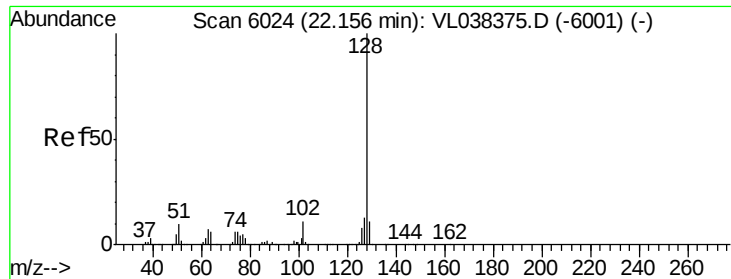


Abundance Ion 224.90 (224.60 to 225.60): V

Ion 222.90 (222.60 to 223.60): V

Ion 226.90 (226.60 to 227.60): V

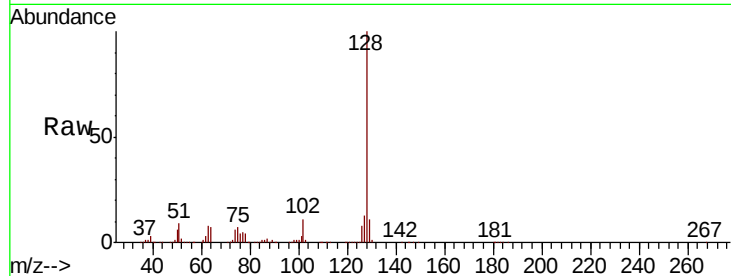




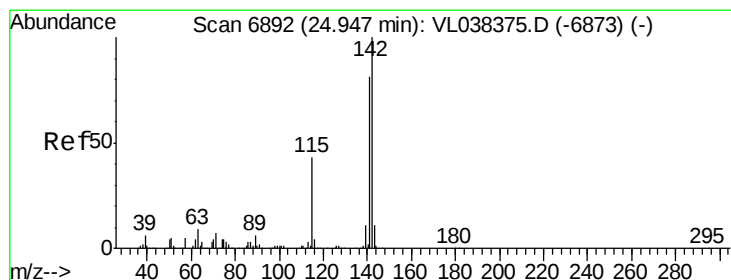
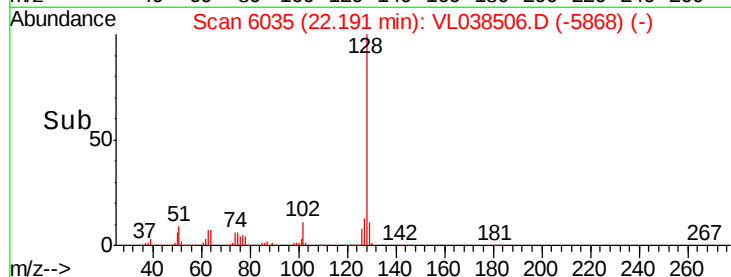
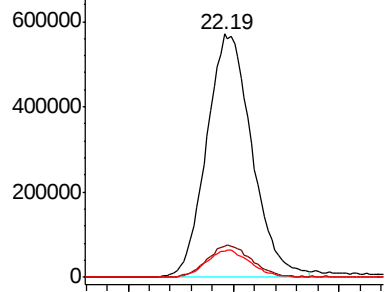
#79
Naphthalene
Concen: 10.789 ppbv
RT: 22.19 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
Acq: 3 Mar 2022 6:32

Tot Ion:128 Resp: 1698781

Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.7	16.1
129	10.9	8.8	13.2



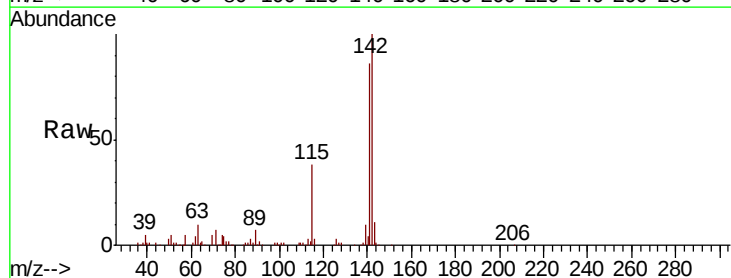
Abundance Ion 128.10 (127.80 to 128.80): V
Ion 127.10 (126.80 to 127.80): V
Ion 129.10 (128.80 to 129.80): V



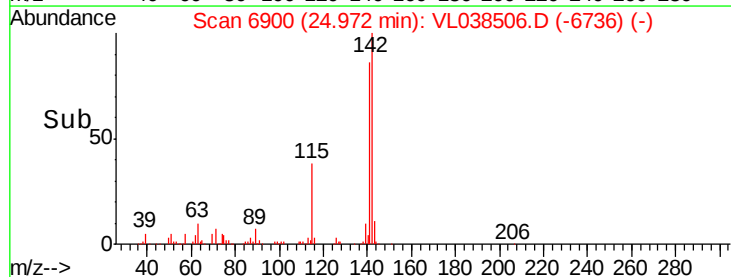
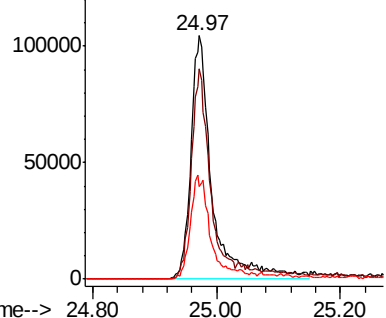
#80
Naphthalene, 2-methyl-
Concen: 8.147 ppbv
RT: 24.97 min Scan# 6900
Delta R.T.: 0.03 min
Lab File: VL038506.D
Acq: 3 Mar 2022 6:32

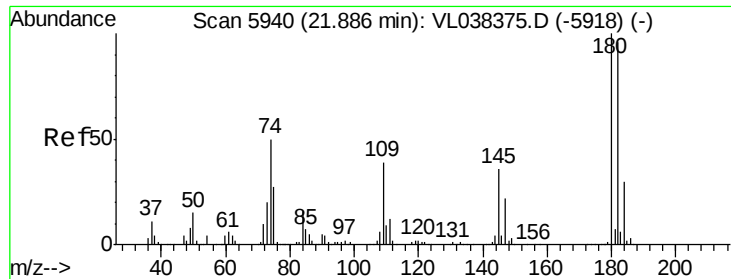
Tgt Ion:142 Resp: 250695

Ion	Ratio	Lower	Upper
142	100		
141	84.2	69.8	104.6
115	40.3	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: 10.053 ppbv
 RT: 21.92
 Delta R.T: MSVOA_L
 Lab File: ClientSampleId :
 Acq: 3 Mar 2022 8:32

Tot Ion:	180	Resp:	957022
Ion Ratio	Lower	Upper	
180	100		
182	98.6	77.4	116.2
184	30.4	24.9	37.3

