

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL012722\
 Data File : VL038300.D
 Acq On : 27 Jan 2022 17:26
 Operator : SY/AP
 Sample : VL0127ABS01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0127ABS02

Quant Time: Jan 28 05:13:34 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL012422AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Jan 24 14:12:48 2022
 QLast Update : Mon Jan 24 14:12:48 2022
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	828039	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.15	114	2231008	10.00	ppbv	-0.03
55) Chlorobenzene-d5	12.06	117	2530656	10.00	ppbv	-0.03

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.39	95	1559025	8.12	ppbv	-0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	81.20%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	3.04	85	1769520	10.039	ppbv	98
3) Chlorodifluoromethane	2.98	51	1515767	9.195	ppbv	100
4) Chloromethane	3.13	50	509785	8.989	ppbv	99
5) Vinyl Chloride	3.25	62	529269	9.351	ppbv	97
6) Bromomethane	3.47	94	296613	9.693	ppbv	96
7) Chloroethane	3.55	64	185320	9.693	ppbv	98
8) Dichlorotetrafluoroethane	3.18	85	1256464	9.212	ppbv	97
9) Propene	3.01	41	514306	9.584	ppbv	99
10) Heptane	8.10	43	1300864	9.422	ppbv	99
11) Trichlorofluoromethane	3.94	101	1300955	9.474	ppbv	99
12) 1,1,2-Trichlorotrifluoroet	4.47	101	972556	9.369	ppbv	99
13) Ethanol	3.60	45	64403	11.180	ppbv	91
14) Bromoethene	3.73	108	400077	9.863	ppbv	99
15) Acetone	3.84	43	632619	8.667	ppbv	100
16) 1,3-Butadiene	3.32	39	508272	9.703	ppbv	99
17) tert-Butyl alcohol	4.28	59	805745	10.058	ppbv	97
18) 1,1-Dichloroethene	4.28	96	426095	9.440	ppbv	97
19) Isopropyl Alcohol	3.95	45	501067	10.973	ppbv #	97
20) Methylene Chloride	4.33	84	350541	8.257	ppbv	99
21) Allyl Chloride	4.40	41	649497	10.057	ppbv	99
22) trans-1,2-Dichloroethene	4.87	96	598146	12.824	ppbv	92
23) Vinyl Acetate	5.06	43	1463449	13.789	ppbv	98
24) 1,1-Dichloroethane	5.00	63	1228159	12.990	ppbv	99
25) Ethyl Acetate	5.66	43	2083837	10.196	ppbv	100
26) Hexane	5.67	57	948155	9.975	ppbv	99
27) Carbon Disulfide	4.54	76	1078231	9.695	ppbv	99
28) Methyl tert-Butyl Ether	5.02	73	1353595	13.727	ppbv	99
29) Chloroform	5.74	83	1525266	9.830	ppbv	99
30) Cyclohexane	7.11	84	787812	9.518	ppbv	99
31) cis-1,2-Dichloroethene	5.53	61	988434	11.920	ppbv	94
32) 1,1,1-Trichloroethane	6.49	97	1508820	9.736	ppbv	99
34) 2-Butanone	5.23	43	981010	13.446	ppbv	99
35) Carbon Tetrachloride	7.00	117	1555230	9.931	ppbv	99
36) Benzene	6.87	78	1985352	10.061	ppbv	99
37) 1,2-Dichloroethane	6.29	62	1140748	10.092	ppbv	98
38) Trichloroethene	7.82	130	725403	9.868	ppbv	98
39) 1,2-Dichloropropane	7.59	63	777082	9.713	ppbv	98
40) 1,4-Dioxane	7.81	88	227842	11.832	ppbv #	1
41) Tetrahydrofuran	6.03	42	501169	10.219	ppbv	98
42) Bromodichloromethane	7.77	83	1671707	9.969	ppbv	99
43) Methyl Methacrylate	7.99	69	743059	10.645	ppbv	98

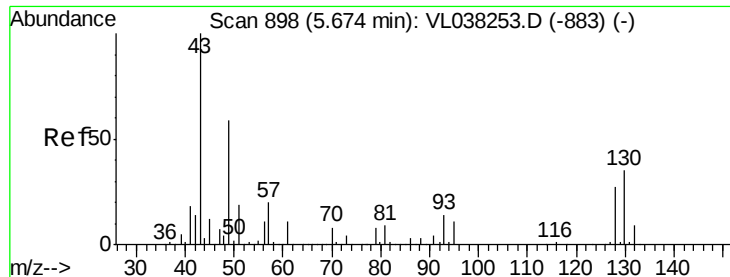
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL012722\
 Data File : VL038300.D
 Acq On : 27 Jan 2022 17:26
 Operator : SY/AP
 Sample : VL0127ABS01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0127ABS02

Quant Time: Jan 28 05:13:34 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL012422AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Jan 24 14:12:48 2022
 QLast Update : Mon Jan 24 14:12:48 2022
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,2,4-Trimethylpentane	7.85	57	3324619	9.560	ppbv	100
45) t-1,3-Dichloropropene	9.26	75	657706	11.597	ppbv	99
46) cis-1,3-Dichloropropene	8.68	75	828579	10.950	ppbv	99
47) 1,1,2-Trichloroethane	9.45	97	782342	9.952	ppbv	98
48) Dibromochloromethane	10.28	129	1364983	10.313	ppbv	99
49) Bromoform	13.01	173	1045776	10.960	ppbv	99
50) 4-Methyl-2-Pentanone	8.72	43	1315354	10.106	ppbv	99
51) 2-Hexanone	10.11	43	585081	10.207	ppbv	97
52) Tetrachloroethene	11.20	164	649554	9.550	ppbv	98
53) Toluene	9.78	91	2237374	10.243	ppbv	99
54) 1,2-Dibromoethane	10.58	107	1162383	10.400	ppbv	99
56) 1,1,1,2-Tetrachloroethane	12.10	131	878699	7.933	ppbv	99
57) Chlorobenzene	12.12	112	1605522	7.928	ppbv	98
58) Ethyl Benzene	12.68	91	2987770	8.033	ppbv	99
59) m/p-Xylene	12.97	91	2486441	7.836	ppbv #	34
60) o-Xylene	13.66	91	2344519	7.944	ppbv	99
61) Styrene	13.50	104	1230475	8.934	ppbv	99
62) Isopropylbenzene	14.64	105	3127472	7.949	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.65	83	1669511	7.645	ppbv	100
64) n-propylbenzene	15.54	120	792097	8.369	ppbv	99
65) tert-Butylbenzene	16.72	119	2656713	8.199	ppbv	100
66) Benzyl Chloride	16.96	91	150839	10.247	ppbv	100
67) sec-Butylbenzene	17.27	105	3692095	8.190	ppbv	100
69) p-Isopropyltoluene	17.63	119	2967969	8.604	ppbv	99
70) n-Butylbenzene	18.52	91	2966940	8.781	ppbv	99
71) 2-Chlorotoluene	15.43	91	2431173	8.343	ppbv	99
72) 4-Ethyltoluene	15.81	105	2692050	8.723	ppbv	99
73) 1,3,5-Trimethylbenzene	15.97	105	2352189	8.475	ppbv	100
74) 1,2,4-Trimethylbenzene	16.73	105	2422175	8.284	ppbv	95
75) 1,3-Dichlorobenzene	16.97	146	1343250	8.561	ppbv	99
76) 1,4-Dichlorobenzene	17.11	146	1303559	8.581	ppbv	99
77) 1,2-Dichlorobenzene	17.79	146	1230375	8.443	ppbv	99
78) Hexachloro-1,3-Butadiene	23.35	225	631982	6.237	ppbv	99
79) Naphthalene	22.17	128	1008091	7.374	ppbv	98
80) Naphthalene,2-methyl-	24.95	142	131652	8.855	ppbv	98
81) 1,2,4-Trichlorobenzene	21.89	180	545253	6.781	ppbv	95

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



#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.65 Instrument: MSVOA_1

Delta R.T.

Lab File: ClientSampleId:

Acq: 27 Jan 2022 17:20 VL0127ABS02

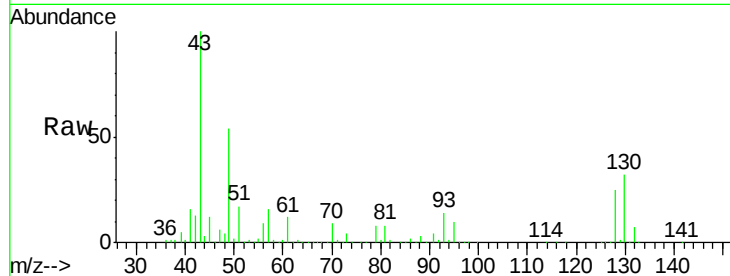
Tgt Ion: 49 Resp: 828039

Ion Ratio Lower Upper

49 100

128 49.8 24.5 73.5

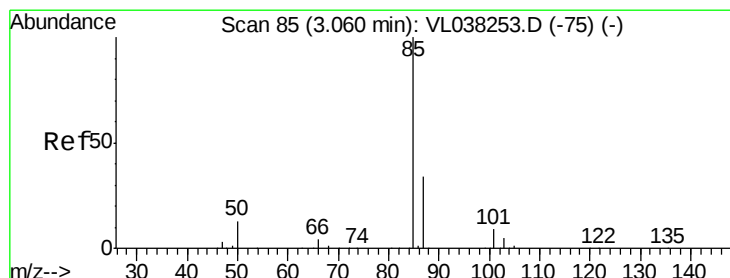
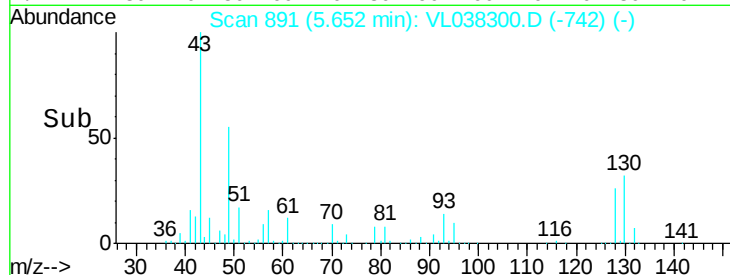
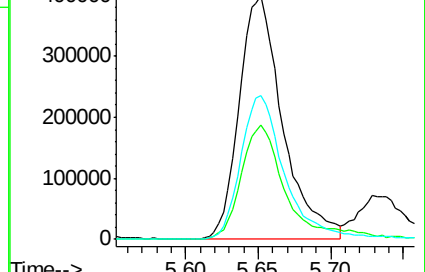
130 61.6 30.1 90.5



Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): VL0

Ion 130.00 (129.70 to 130.70): VL0



#2

Dichlorodifluoromethane

Concen: 10.039 ppbv

RT: 3.04 min Scan# 80

Delta R.T. -0.02 min

Lab File: VL038300.D

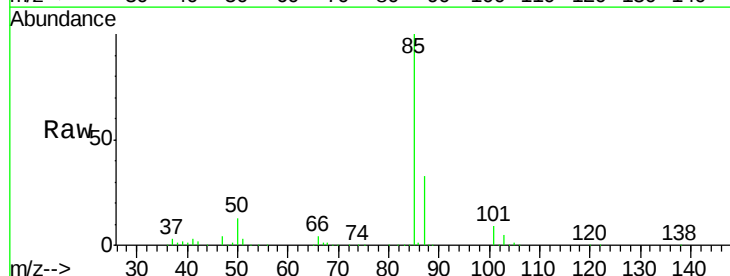
Acq: 27 Jan 2022 17:26

Tgt Ion: 85 Resp: 1769520

Ion Ratio Lower Upper

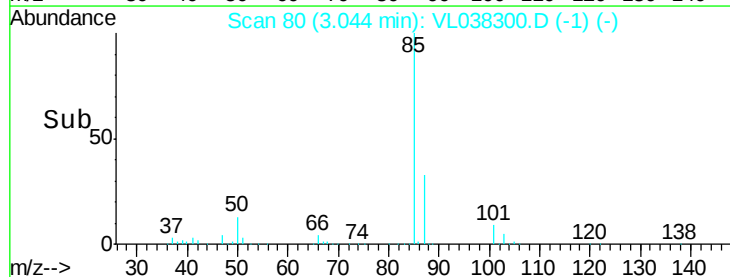
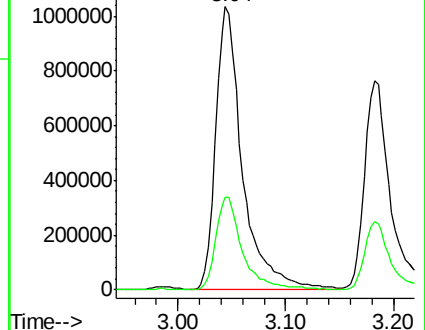
85 100

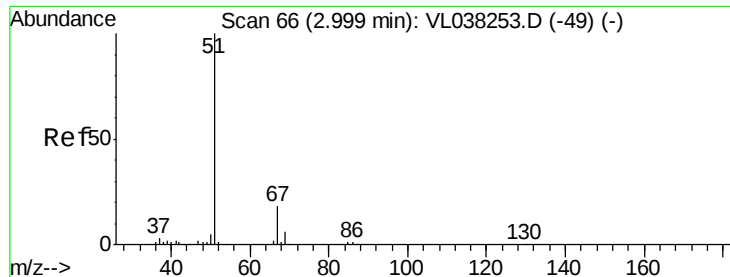
87 32.8 27.0 40.6



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0





#3

Chlorodifluoromethane

Concen: 9.195 ppbv

RT: 2.98 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

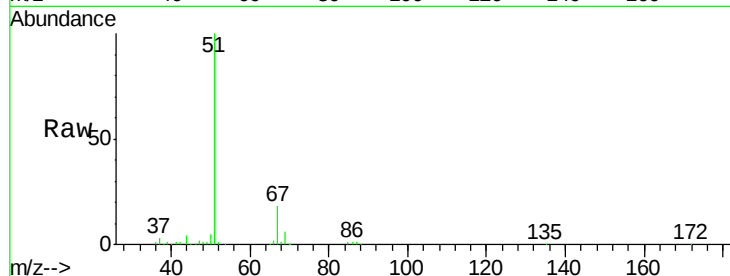
Acq: 27 Jan 2022 17:26 VL0127ABS02

Tgt Ion: 51 Resp: 1515767

Ion Ratio Lower Upper

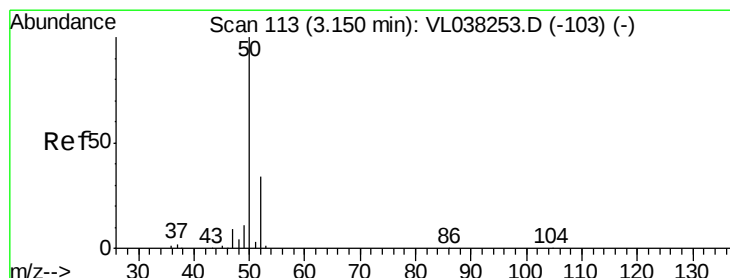
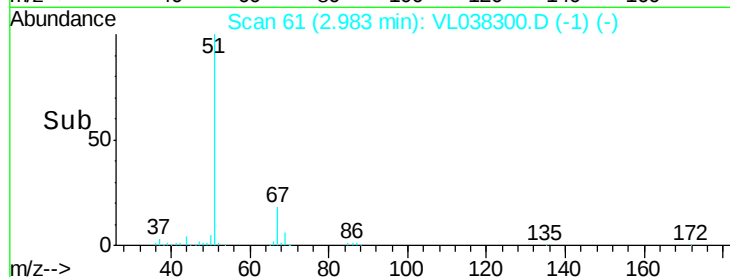
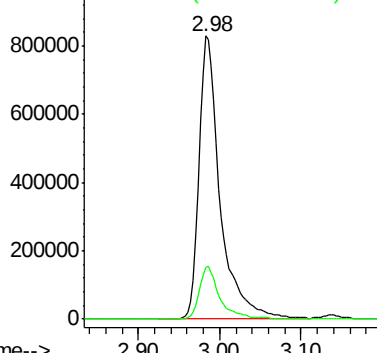
51 100

67 18.2 14.4 21.6



Abundance Ion 51.00 (50.70 to 51.70): VL0

Ion 67.00 (66.70 to 67.70): VL0



#4

Chloromethane

Concen: 8.989 ppbv

RT: 3.13 min Scan# 108

Delta R.T. -0.02 min

Lab File: VL038300.D

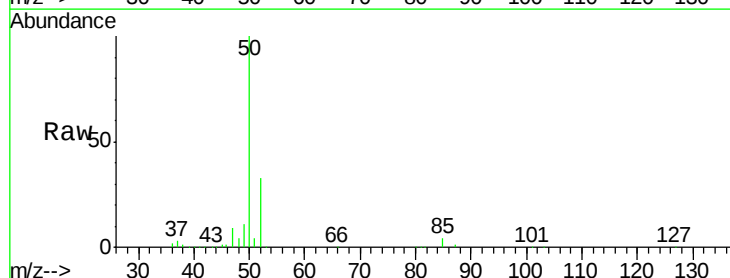
Acq: 27 Jan 2022 17:26

Tgt Ion: 50 Resp: 509785

Ion Ratio Lower Upper

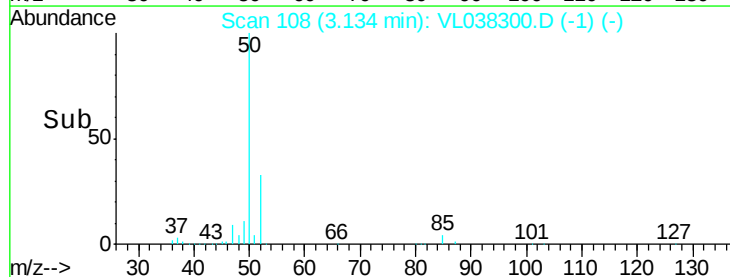
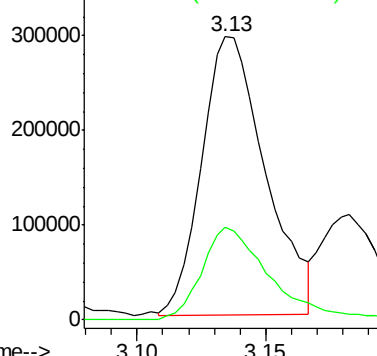
50 100

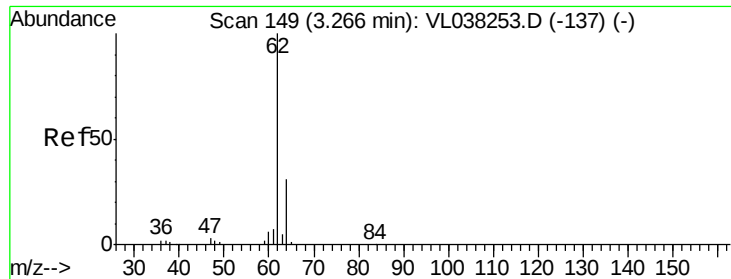
52 33.1 27.1 40.7



Abundance Ion 50.10 (49.80 to 50.80): VL0

Ion 52.10 (51.80 to 52.80): VL0





#5

Vinyl Chloride

Concen: 9.351 ppbv

RT: 3.25 Instrument: MSVOA_1

Delta R.T.

Lab File: ClientSampleId: VL0127ABS02

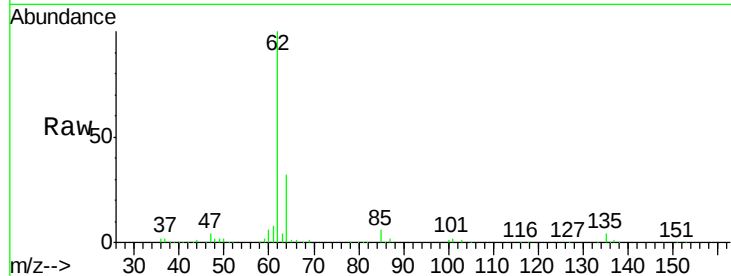
Acq: 27 Jan 2022 17:20

Tgt Ion: 62 Resp: 529269

Ion Ratio Lower Upper

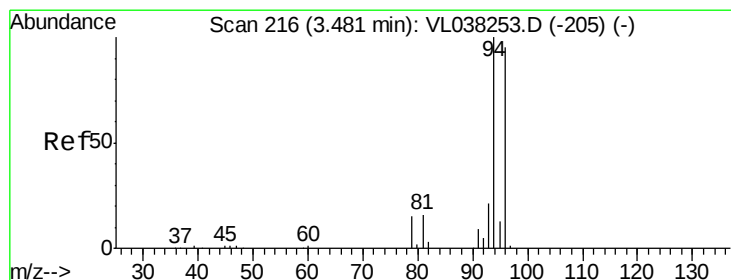
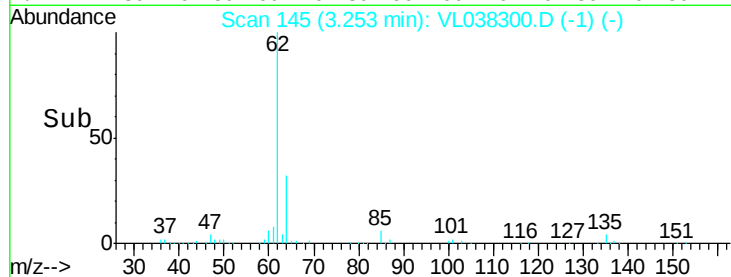
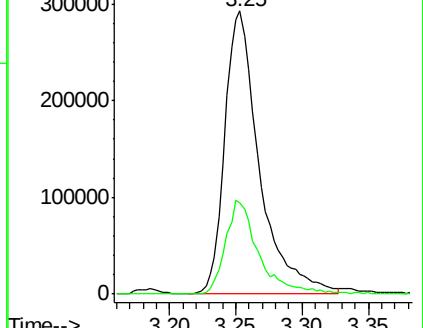
62 100

64 32.3 24.4 36.6



Abundance Ion 62.10 (61.80 to 62.80): VL0

Ion 64.10 (63.80 to 64.80): VL0



#6

Bromomethane

Concen: 9.693 ppbv

RT: 3.47 min Scan# 212

Delta R.T. -0.01 min

Lab File: VL038300.D

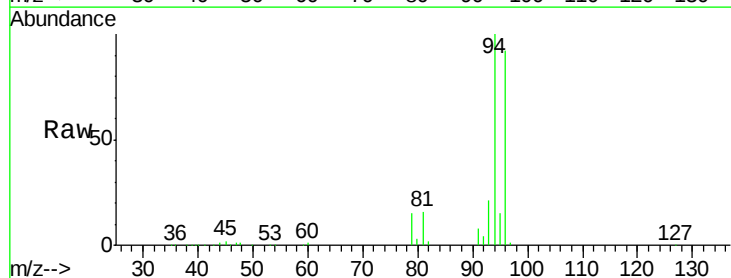
Acq: 27 Jan 2022 17:26

Tgt Ion: 94 Resp: 296613

Ion Ratio Lower Upper

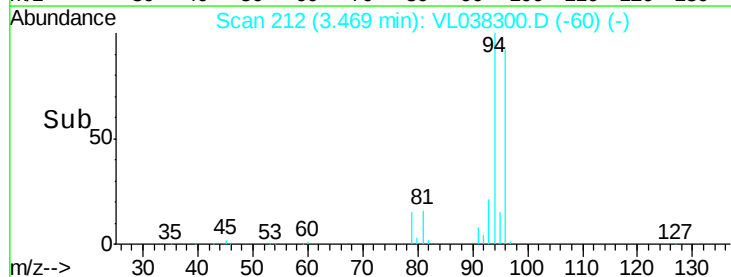
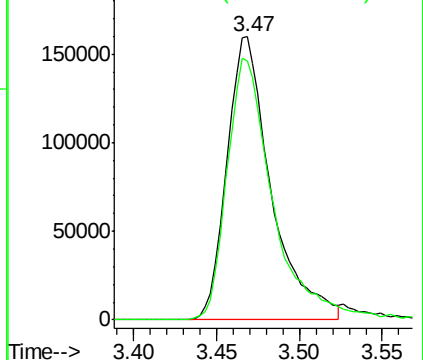
94 100

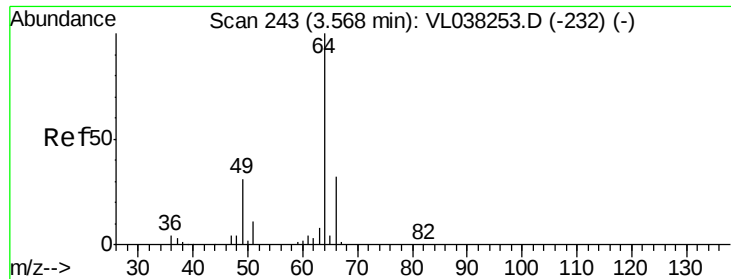
96 91.6 76.0 114.0



Abundance Ion 94.00 (93.70 to 94.70): VL0

Ion 96.00 (95.70 to 96.70): VL0





#7

Chloroethane

Concen: 9.693 ppbv

RT: 3.55 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

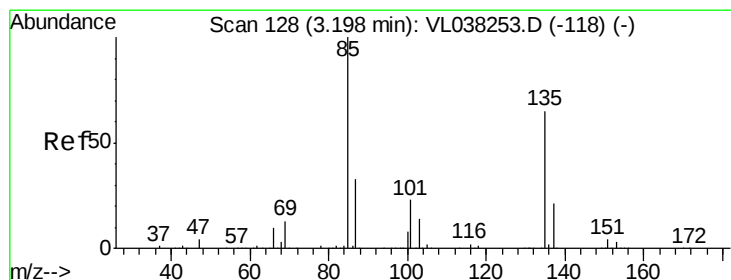
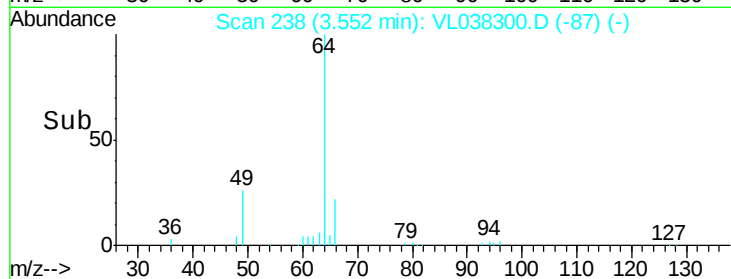
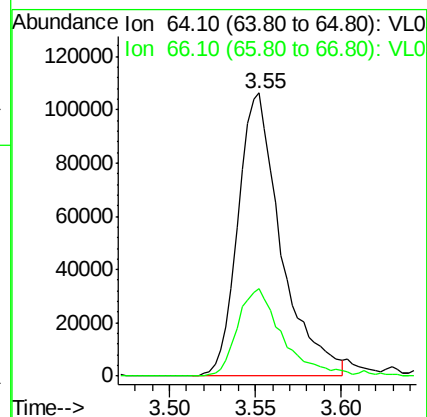
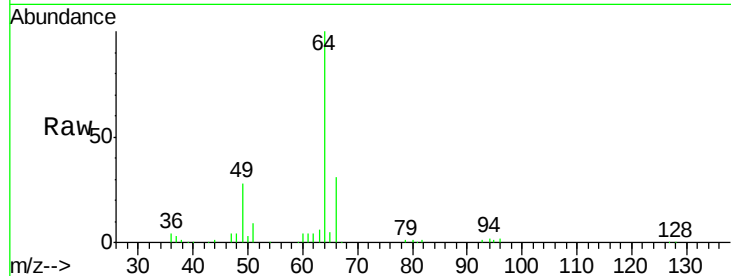
Acq: 27 Jan 2022 17:20 VL0127ABS02

Tgt Ion: 64 Resp: 185320

Ion Ratio Lower Upper

64 100

66 30.8 25.8 38.6



#8

Dichlorotetrafluoroethane

Concen: 9.212 ppbv

RT: 3.18 min Scan# 123

Delta R.T. -0.02 min

Lab File: VL038300.D

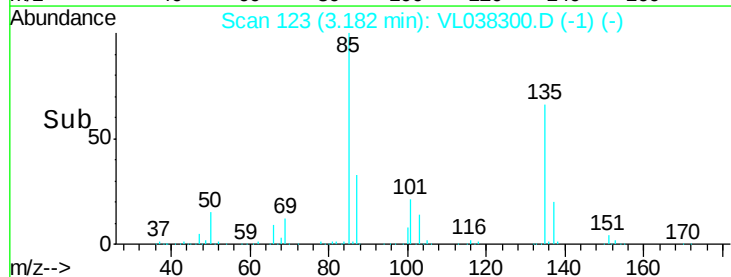
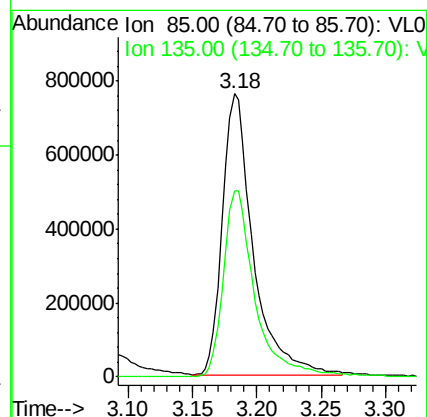
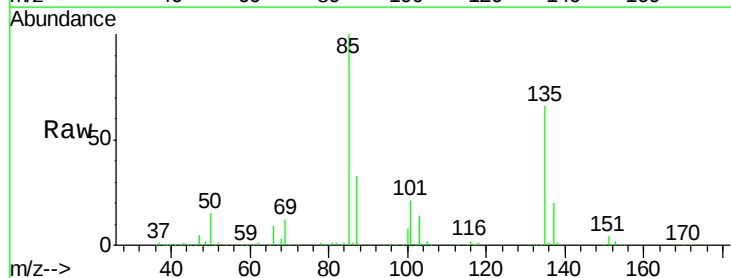
Acq: 27 Jan 2022 17:26

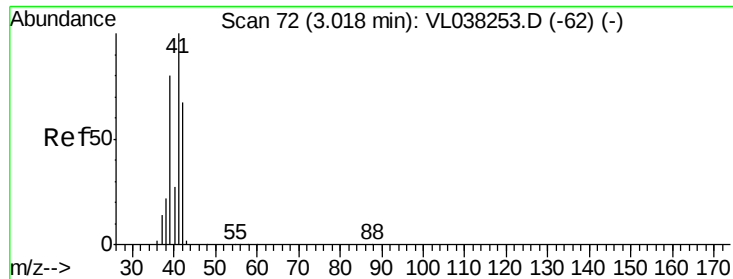
Tgt Ion: 85 Resp: 1256464

Ion Ratio Lower Upper

85 100

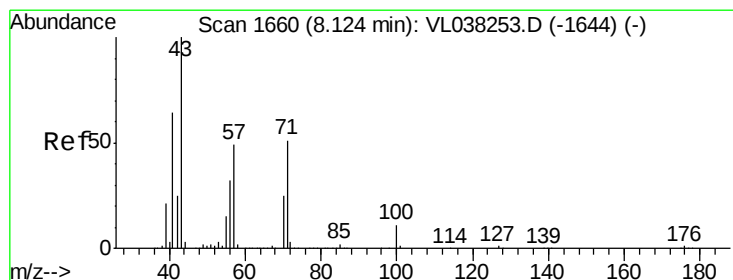
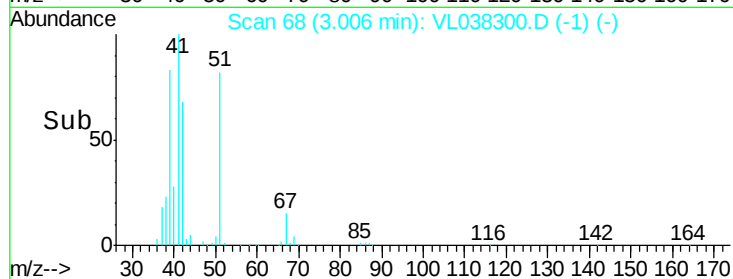
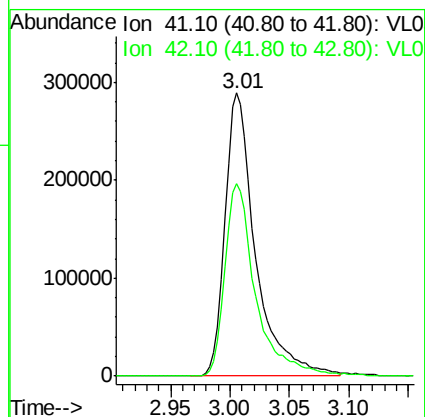
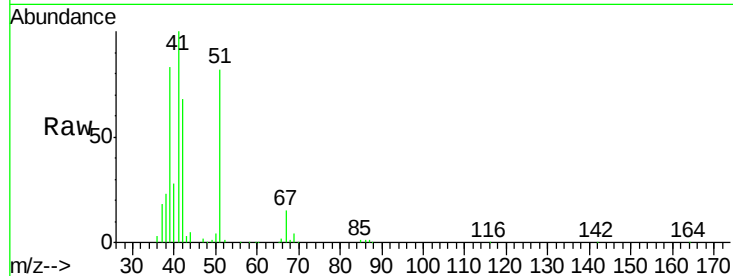
135 69.2 53.7 80.5





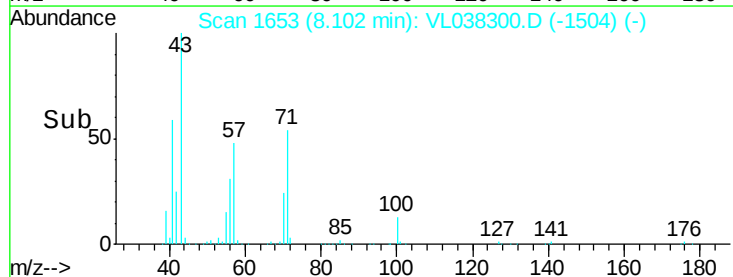
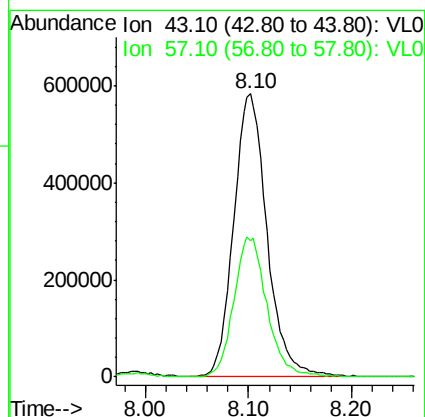
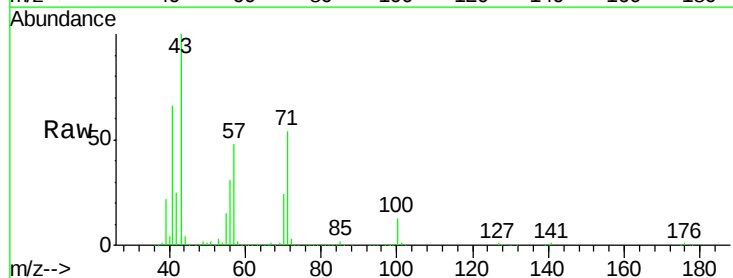
#9
 Propene
 Concen: 9.584 ppbv
 RT: 3.01
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VL0127ABS02
 Acq: 27 Jan 2022 17:26

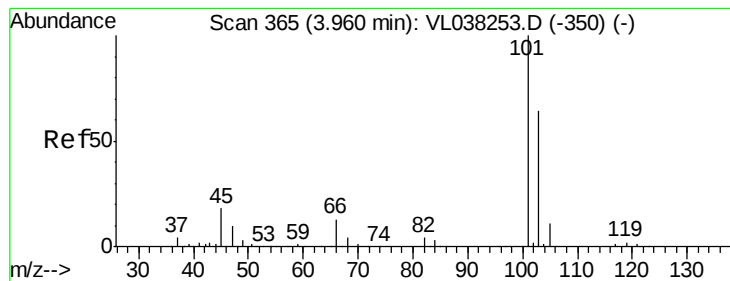
Tgt Ion: 41 Resp: 514306
 Ion Ratio Lower Upper
 41 100
 42 69.2 54.9 82.3



#10
 Heptane
 Concen: 9.422 ppbv
 RT: 8.10 min Scan# 1653
 Delta R.T. -0.02 min
 Lab File: VL038300.D
 Acq: 27 Jan 2022 17:26

Tgt Ion: 43 Resp: 1300864
 Ion Ratio Lower Upper
 43 100
 57 49.9 39.5 59.3





#11

Trichlorofluoromethane

Concen: 9.474 ppbv

RT: 3.94 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

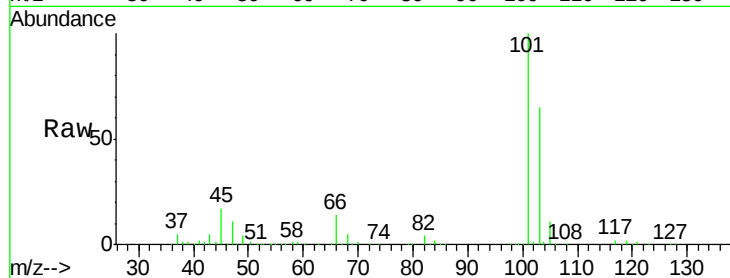
Acq: 27 Jan 2022 17:26 VL0127ABS02

Tgt Ion:101 Resp: 1300955

Ion Ratio Lower Upper

101 100

103 65.1 51.2 76.8



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V

3.94

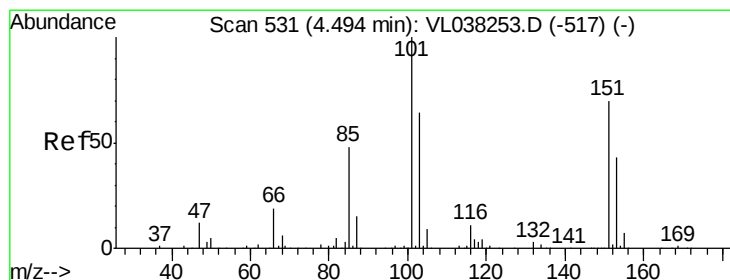
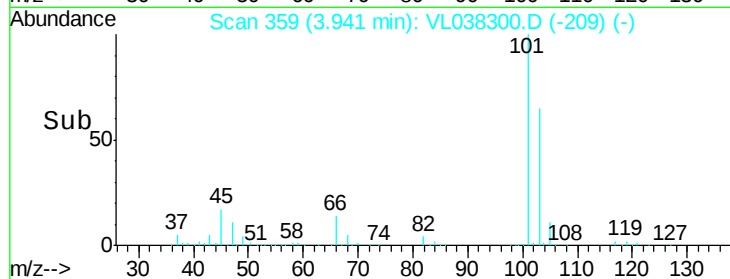
600000

400000

200000

0

Time-->



#12

1,1,2-Trichlorotrifluoroethane

Concen: 9.369 ppbv

RT: 4.47 min Scan# 524

Delta R.T. -0.02 min

Lab File: VL038300.D

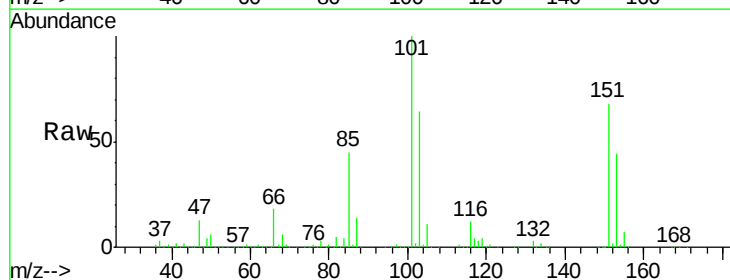
Acq: 27 Jan 2022 17:26

Tgt Ion:101 Resp: 972556

Ion Ratio Lower Upper

101 100

151 69.5 55.3 82.9



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 151.00 (150.70 to 151.70): V

4.47

500000

400000

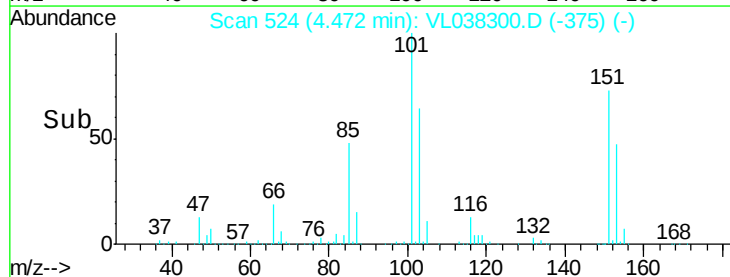
300000

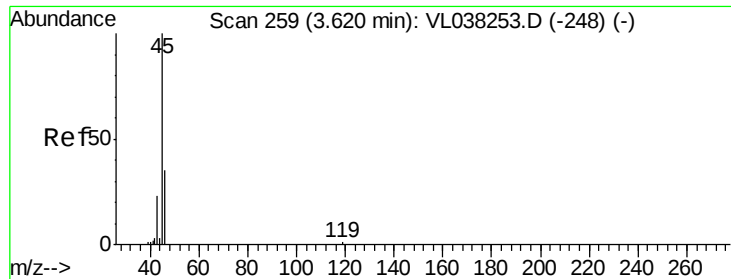
200000

100000

0

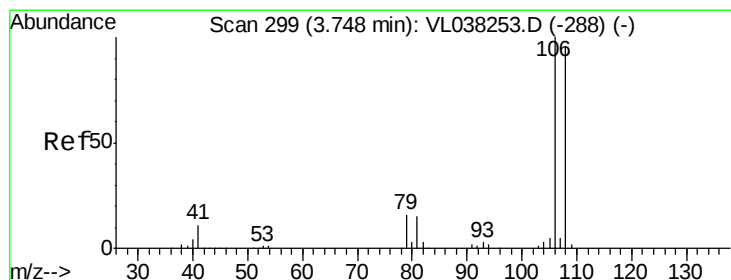
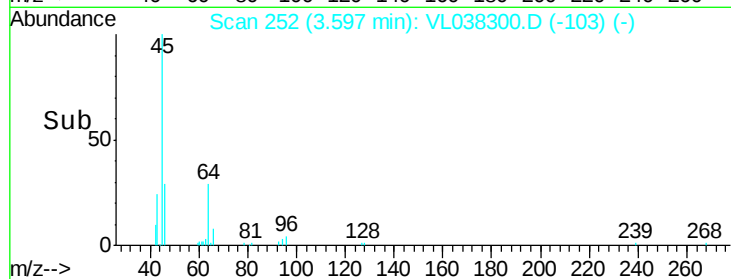
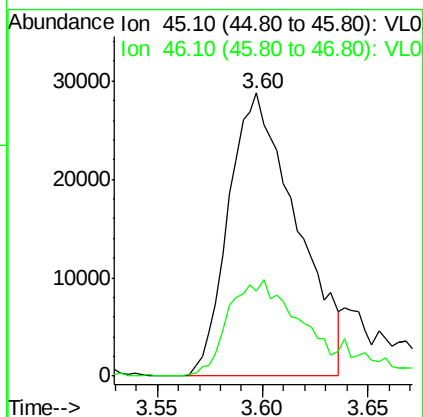
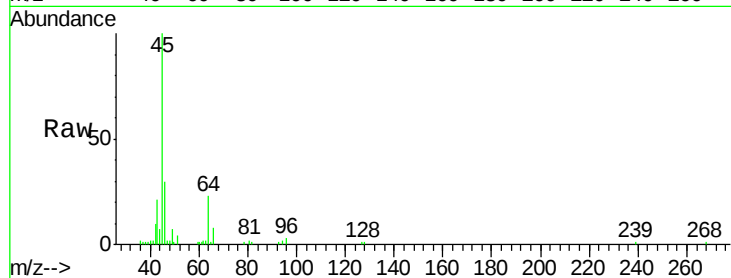
Time-->





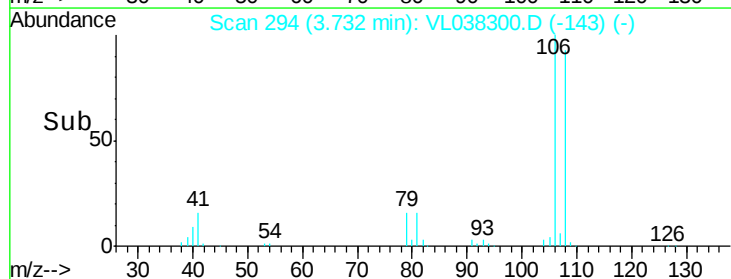
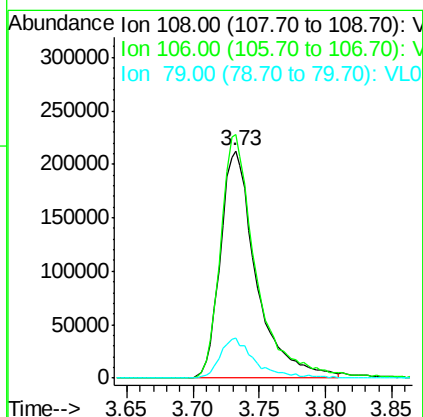
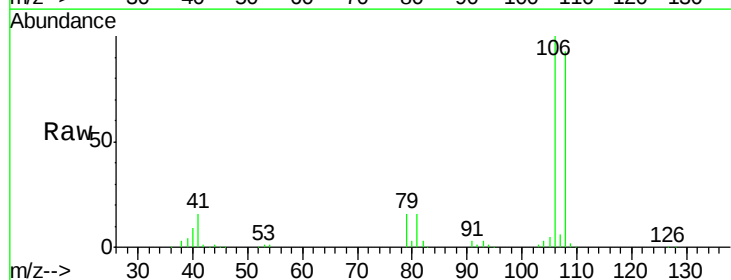
#13
Ethanol
Concen: 11.180 ppbv
RT: 3.60
Delta R.T. MSVOA_L
Lab File: ClientSampleId : VL0127ABS02
Acq: 27 Jan 2022 17:28

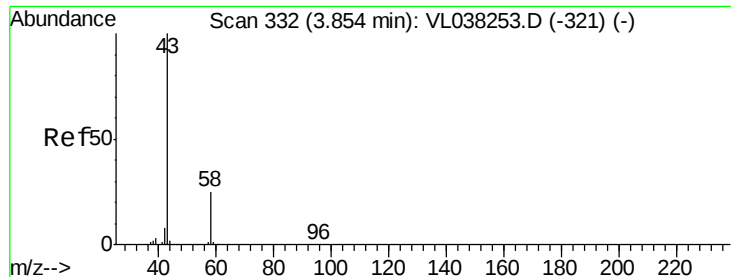
Tgt Ion: 45 Resp: 64403
Ion Ratio Lower Upper
45 100
46 43.8 15.4 61.6



#14
Bromoethene
Concen: 9.863 ppbv
RT: 3.73 min Scan# 294
Delta R.T. -0.02 min
Lab File: VL038300.D
Acq: 27 Jan 2022 17:26

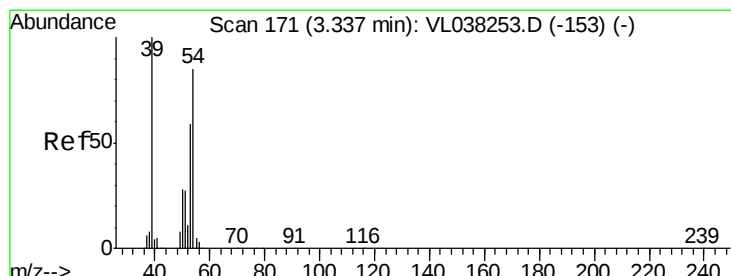
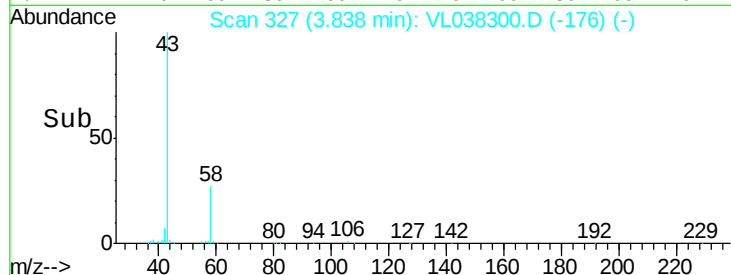
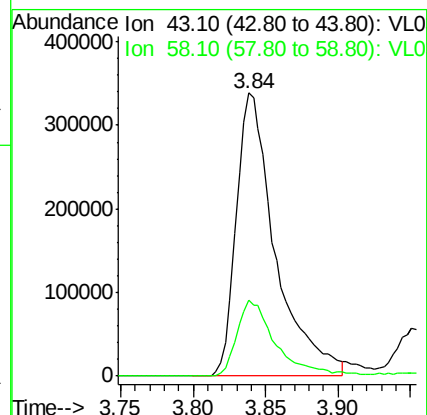
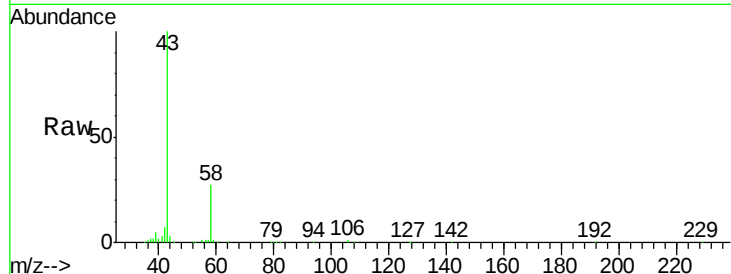
Tgt Ion: 108 Resp: 400077
Ion Ratio Lower Upper
108 100
106 107.2 86.4 129.6
79 17.7 14.1 21.1





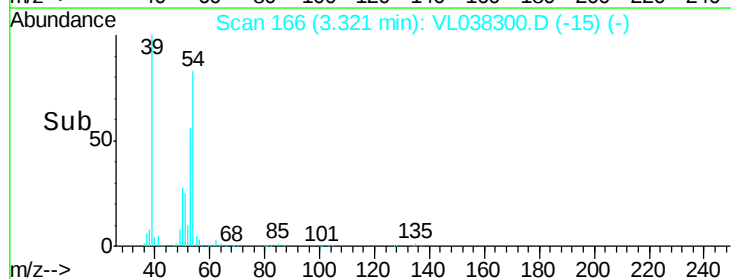
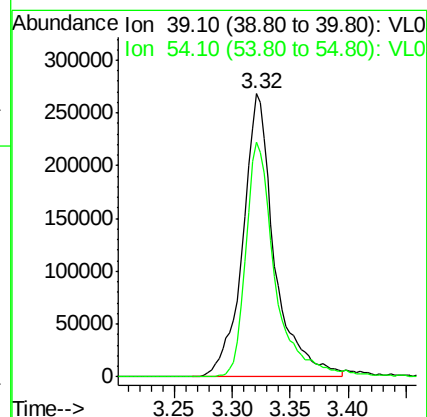
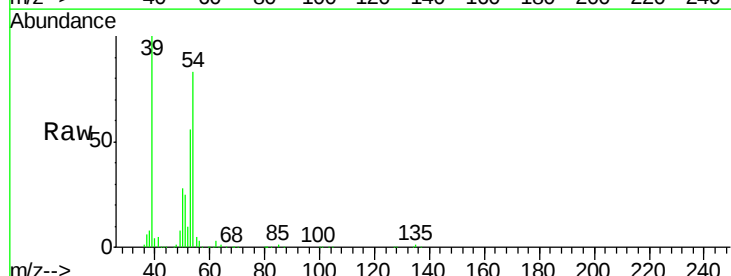
#15
Acetone
Concen: 8.667 ppbv
RT: 3.84
Delta R.T. MSVOA_L
Lab File: ClientSampleId : VL0127ABS02
Acq: 27 Jan 2022 17:26

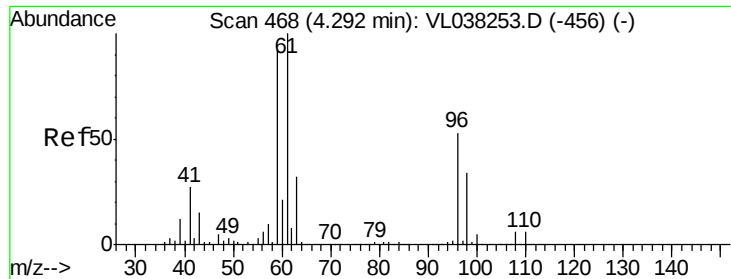
Tgt Ion: 43 Resp: 632619
Ion Ratio Lower Upper
43 100
58 26.9 21.5 32.3



#16
1,3-Butadiene
Concen: 9.703 ppbv
RT: 3.32 min Scan# 166
Delta R.T. -0.02 min
Lab File: VL038300.D
Acq: 27 Jan 2022 17:26

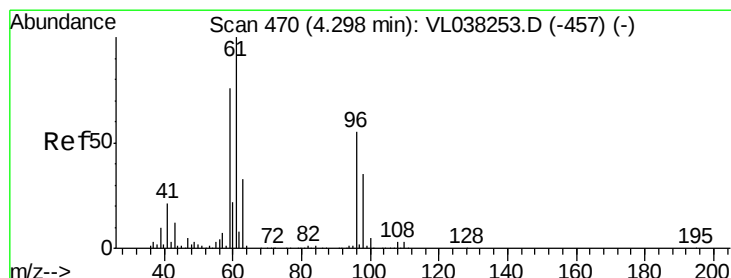
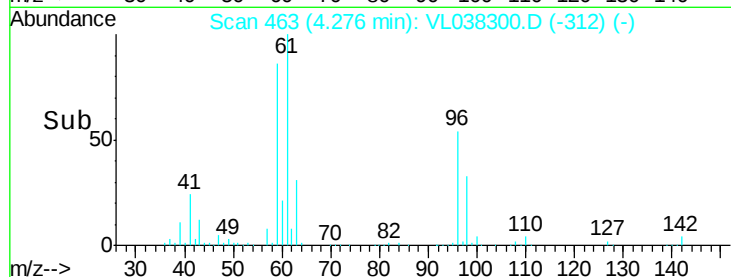
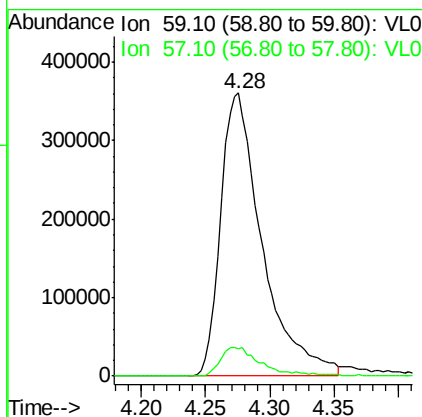
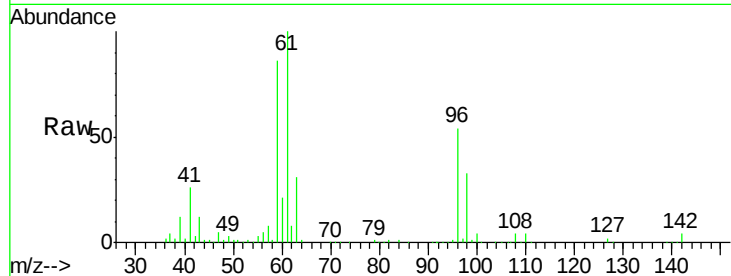
Tgt Ion: 39 Resp: 508272
Ion Ratio Lower Upper
39 100
54 77.7 62.6 94.0





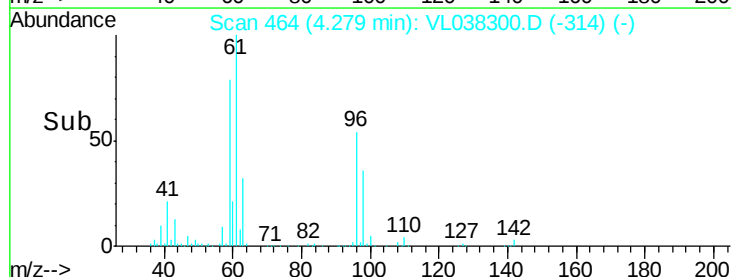
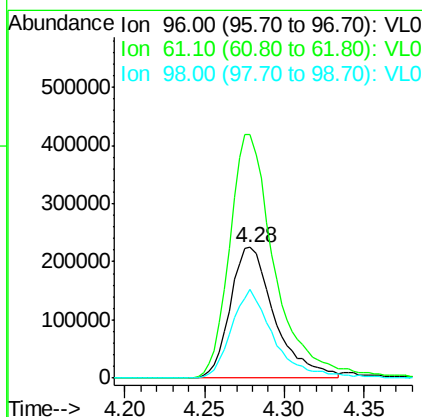
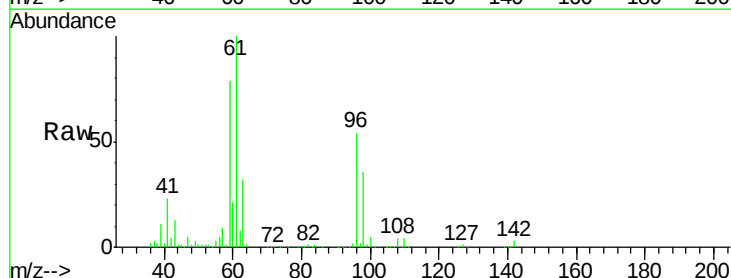
#17
 tert-Butyl alcohol
 Concen: 10.058 ppbv
 RT: 4.28
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId :
 VL0127ABS02
 Acq: 27 Jan 2022 17:28

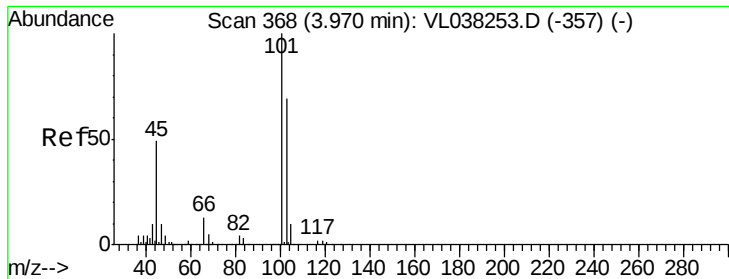
Tgt Ion: 59 Resp: 805745
 Ion Ratio Lower Upper
 59 100
 57 10.4 9.2 13.8



#18
 1,1-Dichloroethene
 Concen: 9.440 ppbv
 RT: 4.28 min Scan# 464
 Delta R.T. -0.02 min
 Lab File: VL038300.D
 Acq: 27 Jan 2022 17:26

Tgt Ion: 96 Resp: 426095
 Ion Ratio Lower Upper
 96 100
 61 186.5 146.5 219.7
 98 67.4 51.9 77.9





#19

Isopropyl Alcohol

Concen: 10.973 ppbv

RT: 3.95 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

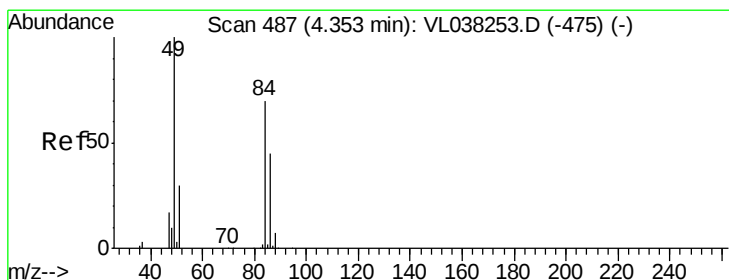
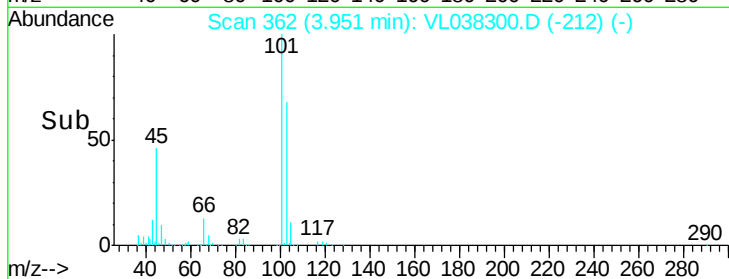
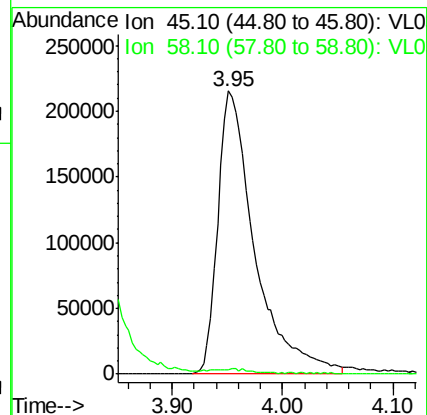
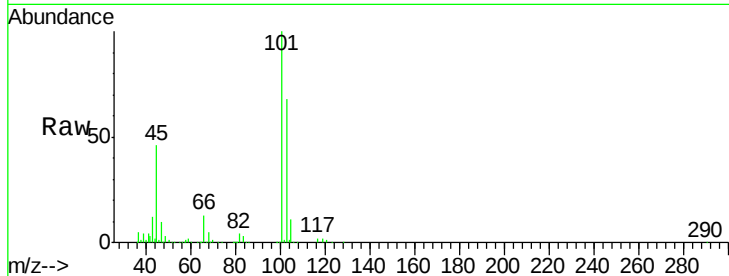
Acq: 27 Jan 2022 17:26 VL0127ABS02

Tgt Ion: 45 Resp: 501067

Ion Ratio Lower Upper

45 100

58 1.8 2.3 3.5#



#20

Methylene Chloride

Concen: 8.257 ppbv

RT: 4.33 min Scan# 480

Delta R.T. -0.02 min

Lab File: VL038300.D

Acq: 27 Jan 2022 17:26

Tgt Ion: 84 Resp: 350541

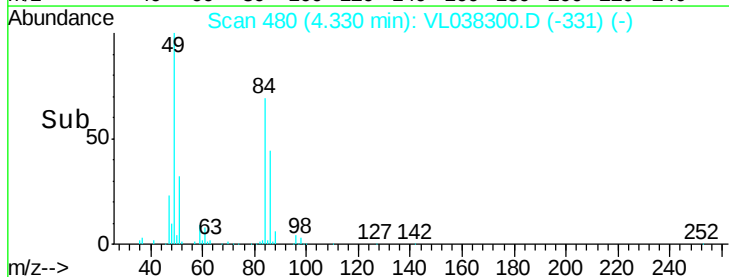
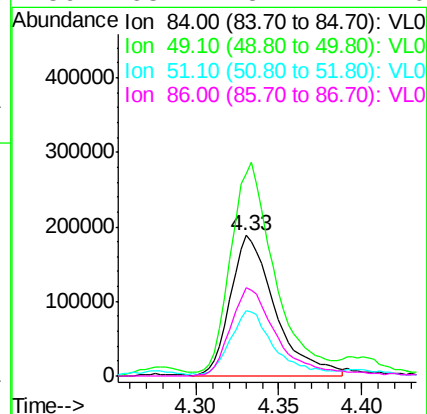
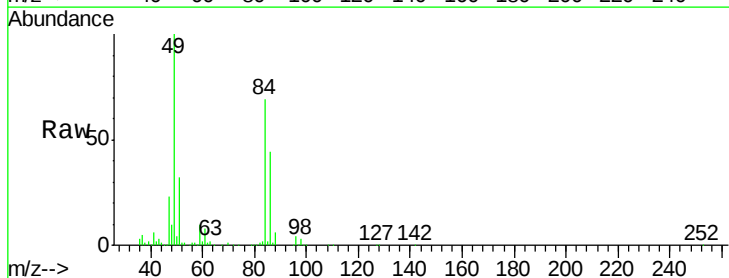
Ion Ratio Lower Upper

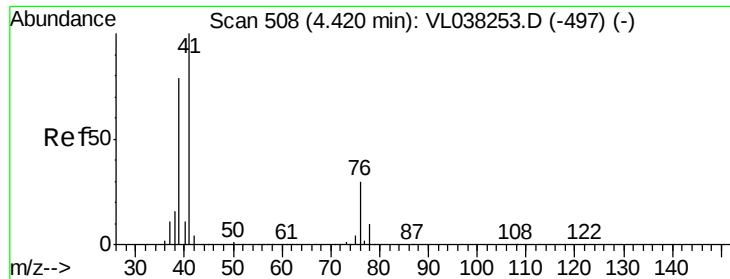
84 100

49 142.6 115.0 172.6

51 44.6 35.0 52.6

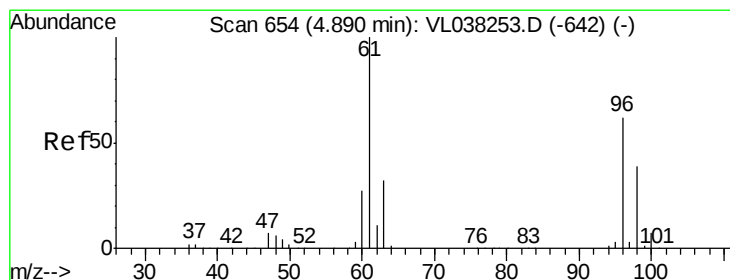
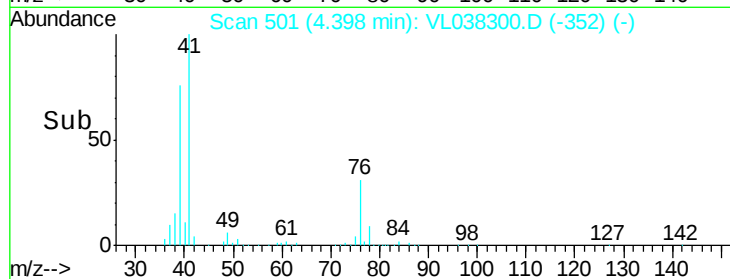
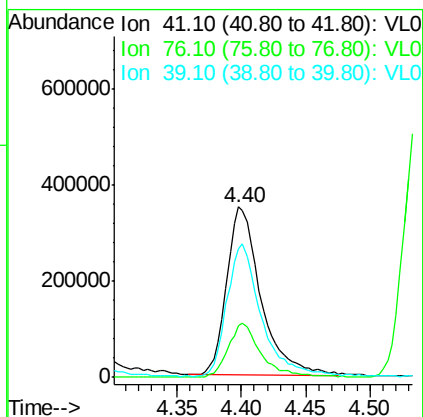
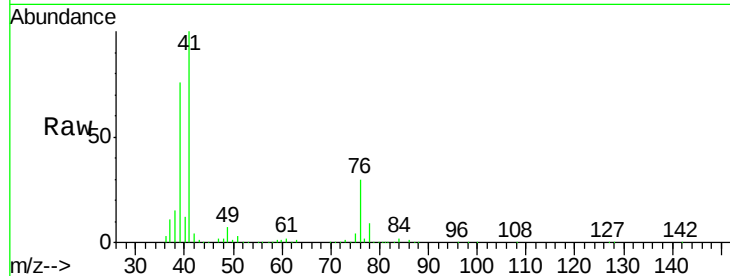
86 63.2 51.4 77.0





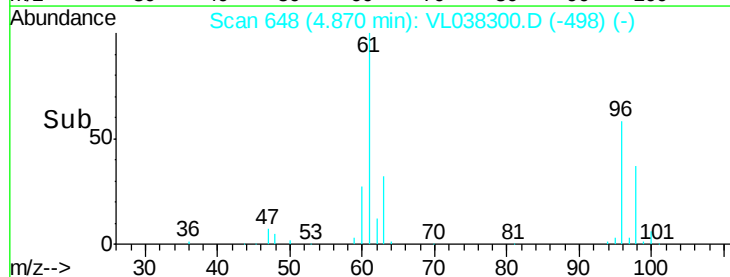
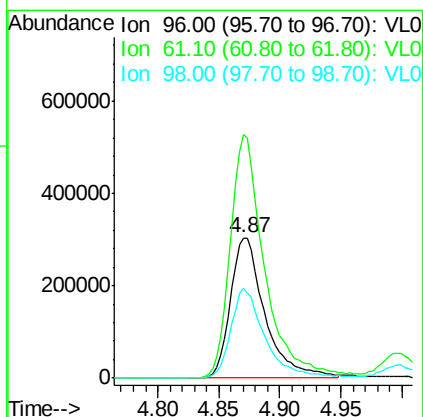
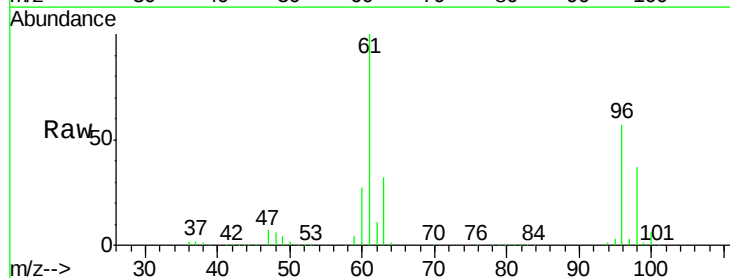
#21
 Allyl Chloride
 Concen: 10.057 ppbv
 RT: 4.40
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId : VL0127ABS02
 Acq: 27 Jan 2022 17:26

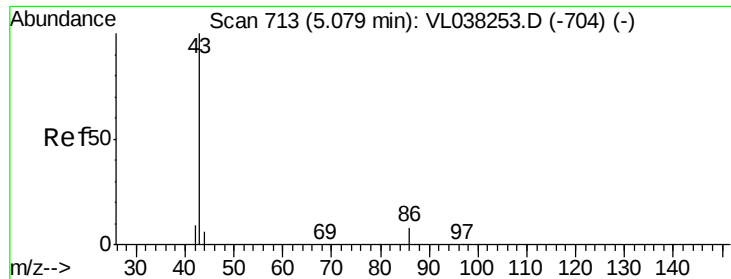
Tgt Ion: 41 Resp: 649497
 Ion Ratio Lower Upper
 41 100
 76 31.4 25.0 37.6
 39 79.8 63.0 94.6



#22
 trans-1,2-Dichloroethene
 Concen: 12.824 ppbv
 RT: 4.87 min Scan# 648
 Delta R.T.: -0.02 min
 Lab File: VL038300.D
 Acq: 27 Jan 2022 17:26

Tgt Ion: 96 Resp: 598146
 Ion Ratio Lower Upper
 96 100
 61 174.0 128.8 193.2
 98 64.6 49.8 74.8





#23

Vinyl Acetate

Concen: 13.789 ppbv

RT: 5.06

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 27 Jan 2022 17:26

Tgt Ion: 43 Resp: 1463449

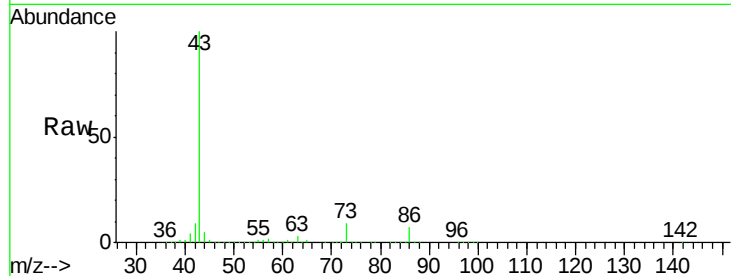
Ion Ratio Lower Upper

43 100

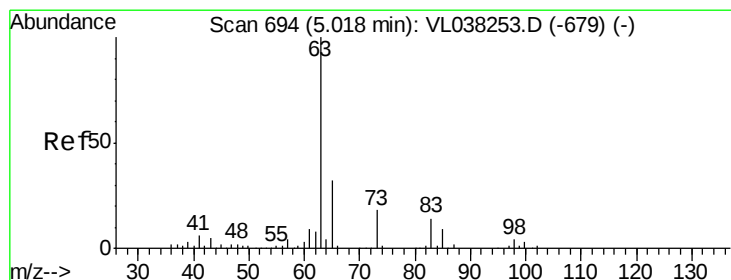
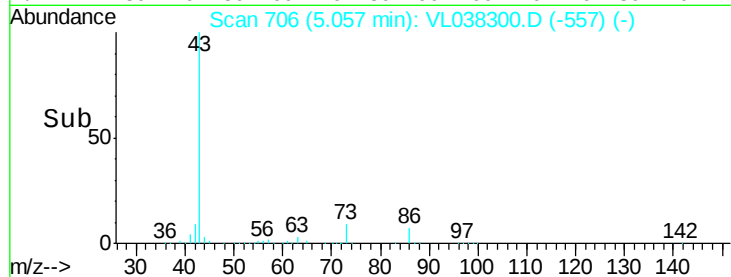
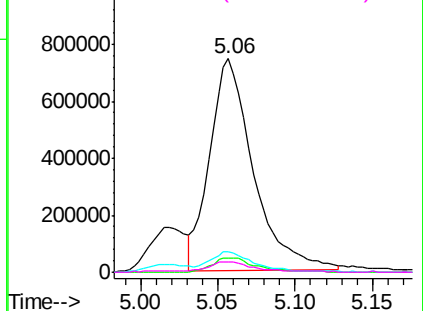
86 6.5 5.7 8.5

42 9.1 7.7 11.5

44 4.7 4.2 6.4



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: 12.990 ppbv

RT: 5.00 min Scan# 687

Delta R.T. -0.02 min

Lab File: VL038300.D

Acq: 27 Jan 2022 17:26

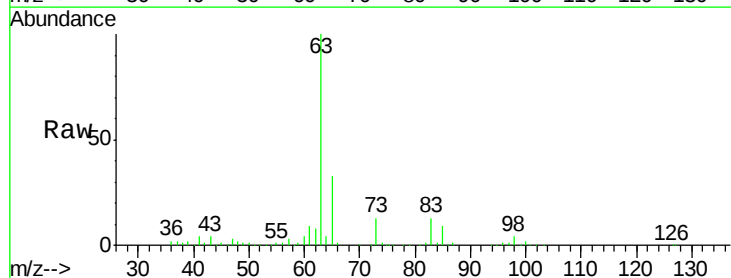
Tgt Ion: 63 Resp: 1228159

Ion Ratio Lower Upper

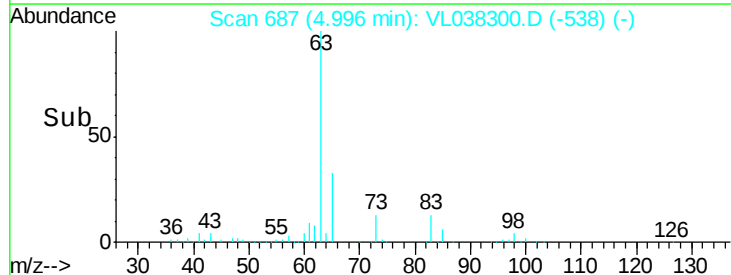
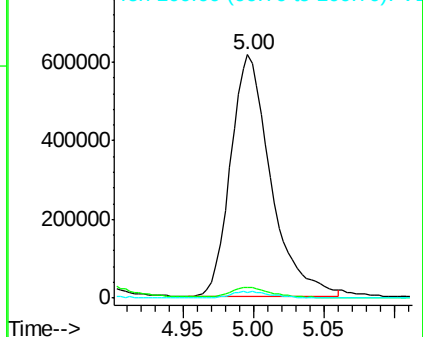
63 100

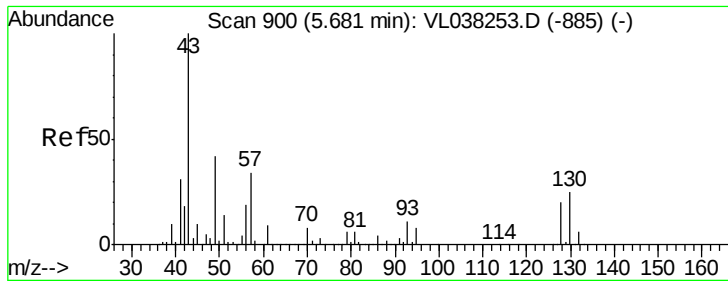
98 4.3 2.3 6.8

100 2.3 1.3 3.9



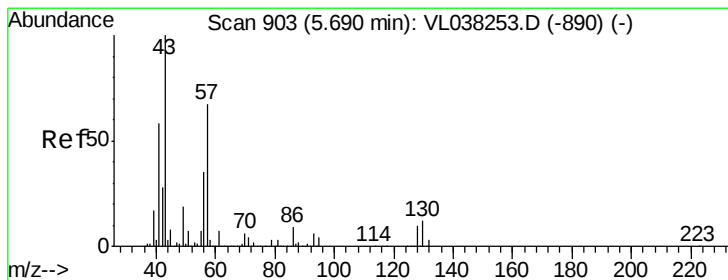
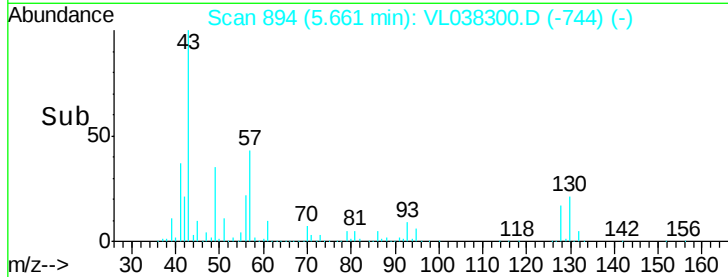
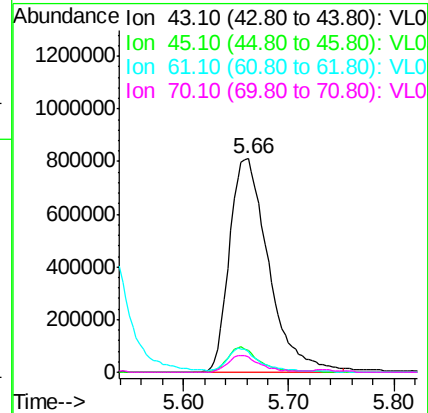
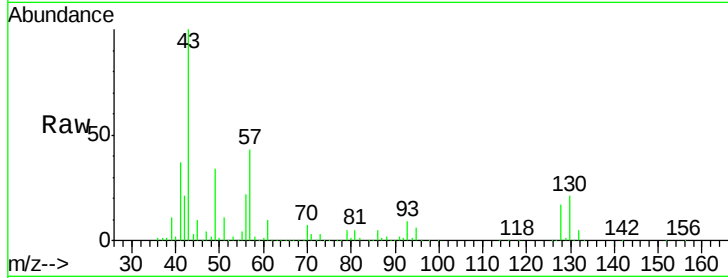
Abundance Ion 63.10 (62.80 to 63.80): VL0
Ion 98.00 (97.70 to 98.70): VL0
Ion 100.00 (99.70 to 100.70): VL0





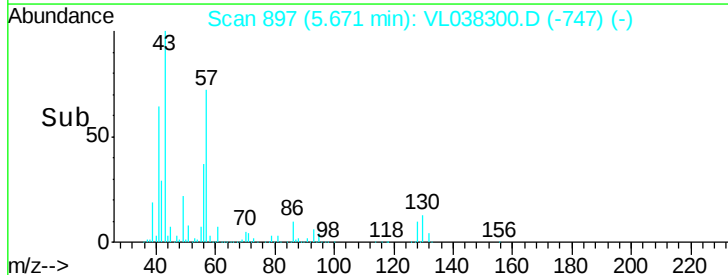
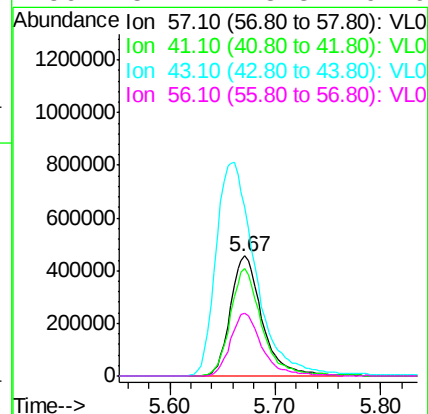
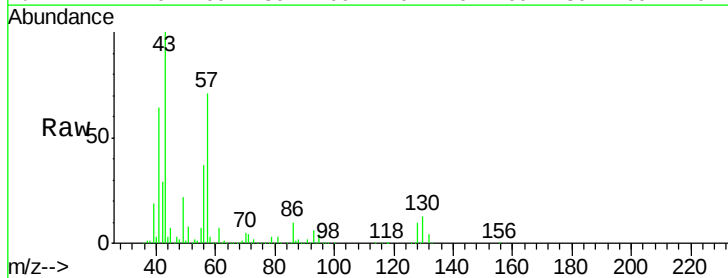
#25
Ethyl Acetate
Concen: 10.196 ppbv
RT: 5.66
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId : VL0127ABS02
Acq: 27 Jan 2022 17:26

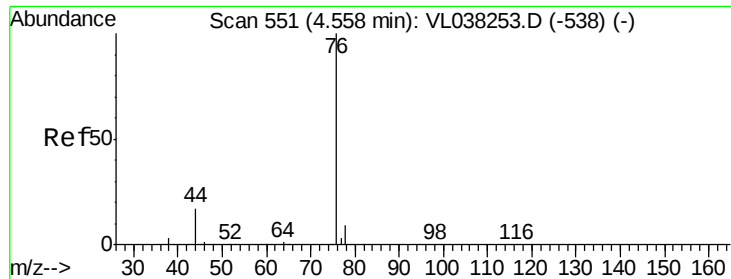
Tgt Ion:	43	Resp:	2083837
Ion	Ratio	Lower	Upper
43	100		
45	9.9	7.9	11.9
61	9.6	7.8	11.8
70	6.6	5.4	8.0



#26
Hexane
Concen: 9.975 ppbv
RT: 5.67 min Scan# 897
Delta R.T.: -0.02 min
Lab File: VL038300.D
Acq: 27 Jan 2022 17:26

Tgt Ion:	57	Resp:	948155
Ion	Ratio	Lower	Upper
57	100		
41	89.9	72.8	109.2
43	223.1	177.0	265.6
56	52.7	43.3	64.9

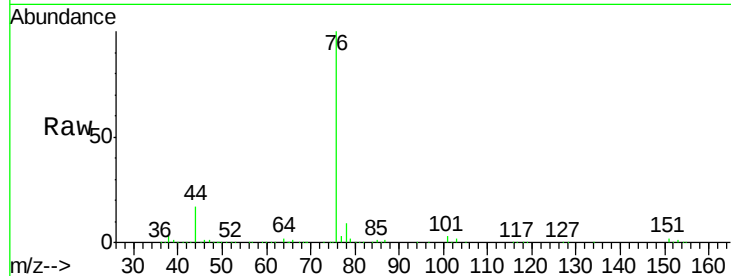




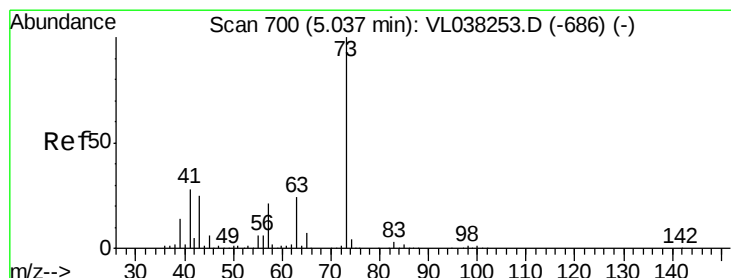
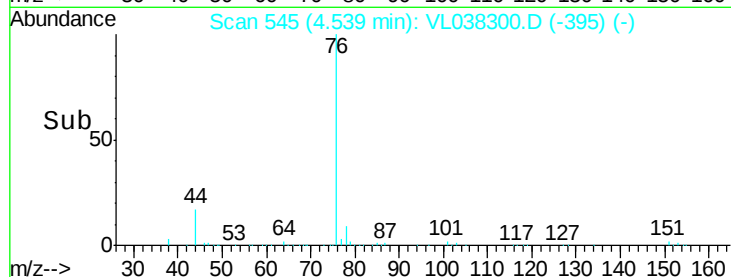
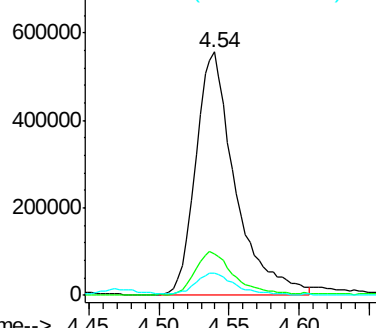
#27
Carbon Disulfide
Concen: 9.695 ppbv
RT: 4.54
Delta R.T. MSVOA_L
Lab File: ClientSampleId : VL0127ABS02
Acq: 27 Jan 2022 17:28

Tgt Ion: 76 Resp: 1078231

Ion	Ratio	Lower	Upper
76	100		
44	19.2	14.8	22.2
78	9.9	7.9	11.9



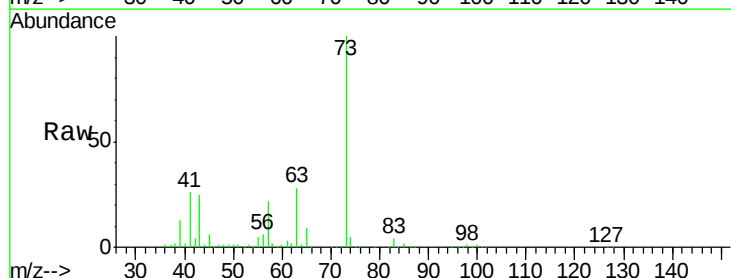
Abundance Ion 76.00 (75.70 to 76.70): VL0
Ion 44.10 (43.80 to 44.80): VL0
Ion 78.00 (77.70 to 78.70): VL0



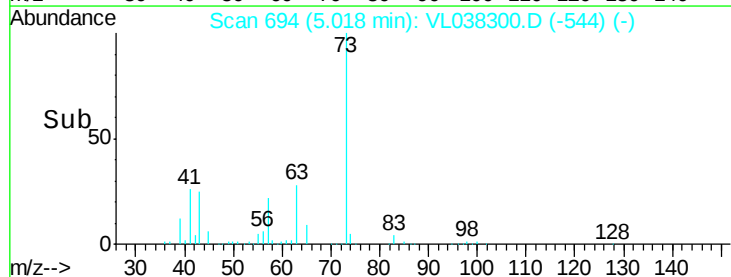
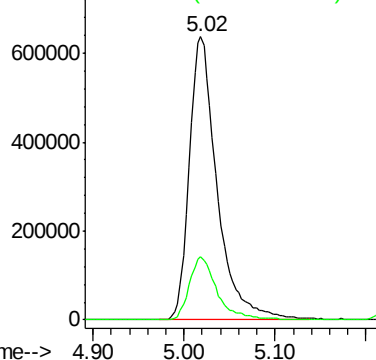
#28
Methyl tert-Butyl Ether
Concen: 13.727 ppbv
RT: 5.02 min Scan# 694
Delta R.T. -0.02 min
Lab File: VL038300.D
Acq: 27 Jan 2022 17:26

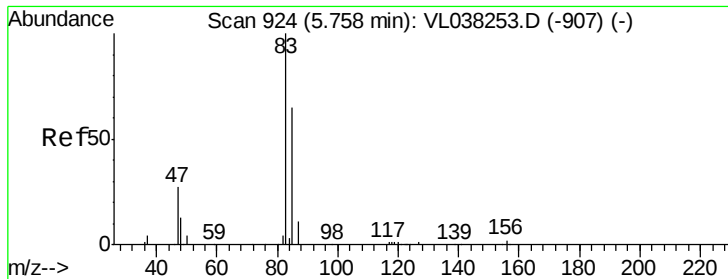
Tgt Ion: 73 Resp: 1353595

Ion	Ratio	Lower	Upper
73	100		
57	22.5	18.2	27.4



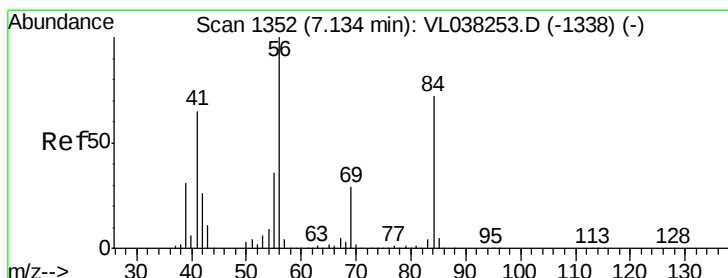
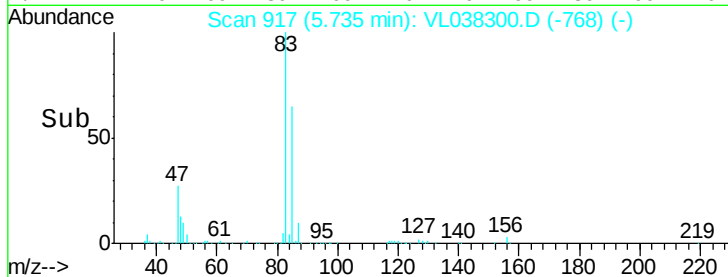
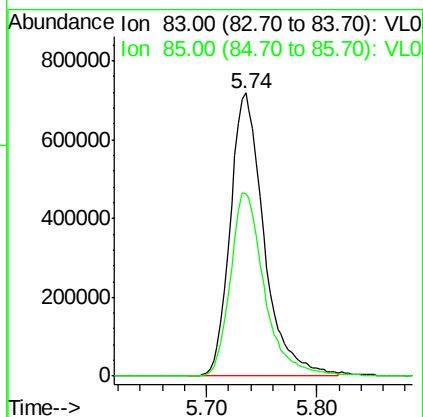
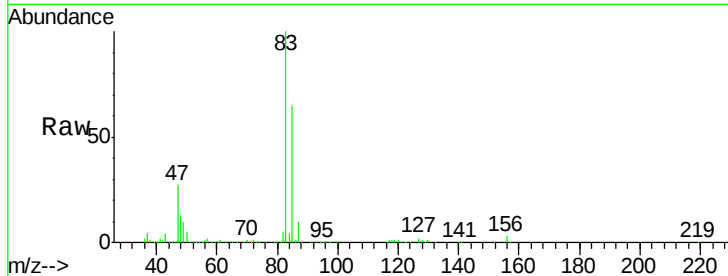
Abundance Ion 73.10 (72.80 to 73.80): VL0
Ion 57.10 (56.80 to 57.80): VL0





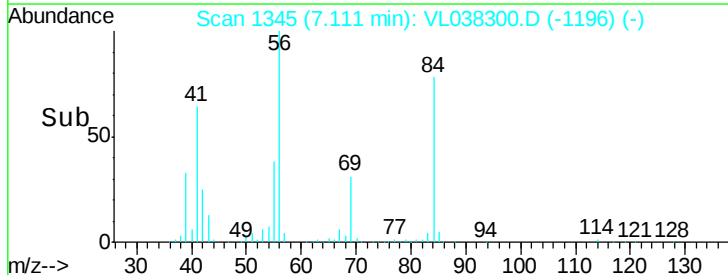
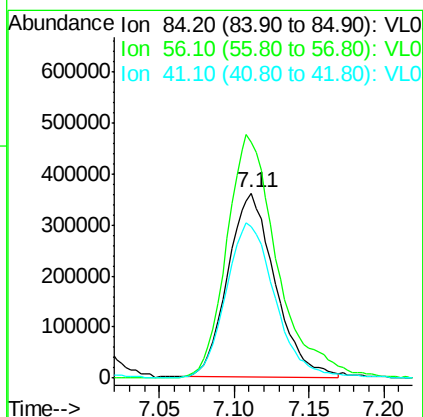
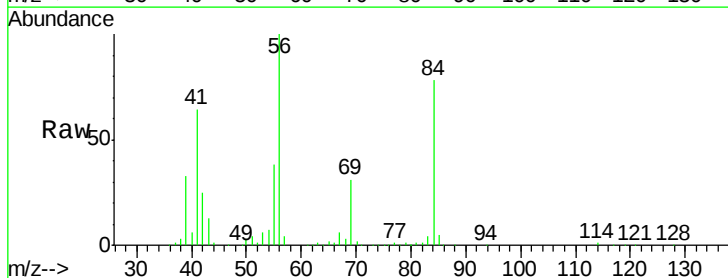
#29
Chloroform
Concen: 9.830 ppbv
RT: 5.74
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId : VL0127ABS02
Acq: 27 Jan 2022 17:26

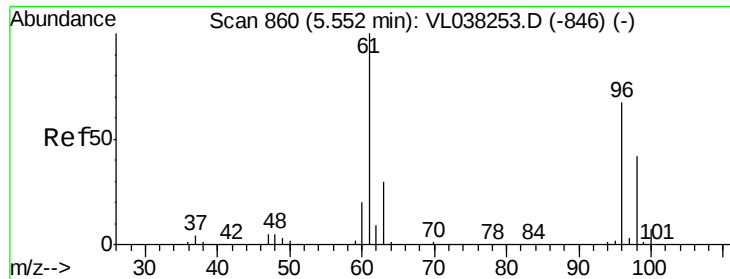
Tgt Ion: 83 Resp: 1525266
Ion Ratio Lower Upper
83 100
85 64.3 51.9 77.9



#30
Cyclohexane
Concen: 9.518 ppbv
RT: 7.11 min Scan# 1345
Delta R.T.: -0.02 min
Lab File: VL038300.D
Acq: 27 Jan 2022 17:26

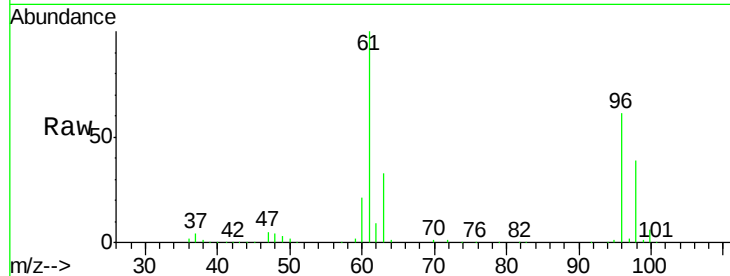
Tgt Ion: 84 Resp: 787812
Ion Ratio Lower Upper
84 100
56 143.6 112.7 169.1
41 88.9 71.1 106.7



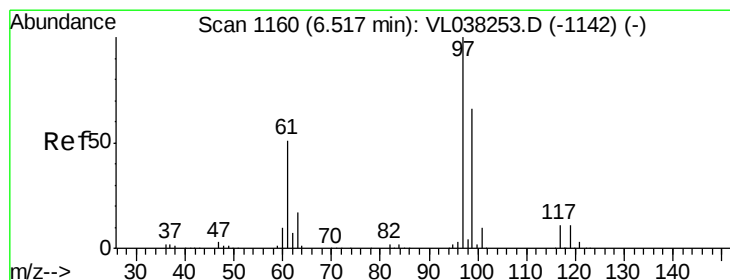
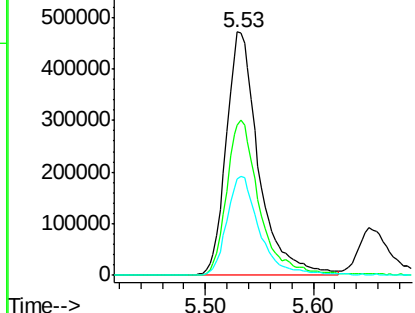
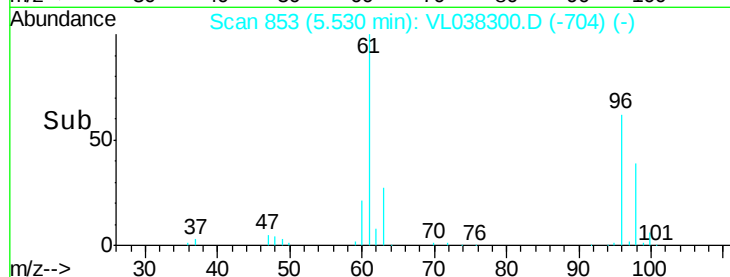


#31
 cis-1,2-Dichloroethene
 Concen: 11.920 ppbv
 RT: 5.53
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VL0127ABS02
 Acq: 27 Jan 2022 17:20

Tgt Ion: 61 Resp: 988434
 Ion Ratio Lower Upper
 61 100
 96 61.4 53.3 79.9
 98 39.4 33.7 50.5

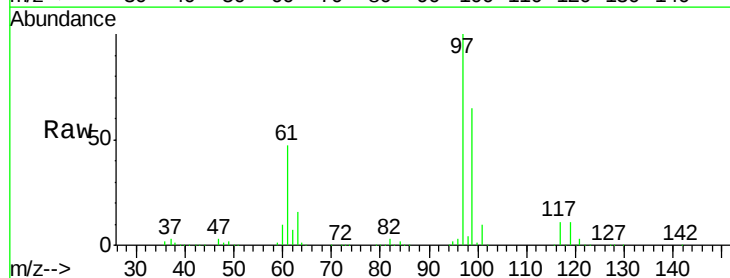


Abundance Ion 61.10 (60.80 to 61.80): VL0
 Ion 96.00 (95.70 to 96.70): VL0
 Ion 98.00 (97.70 to 98.70): VL0

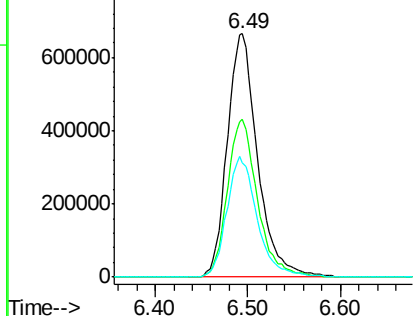
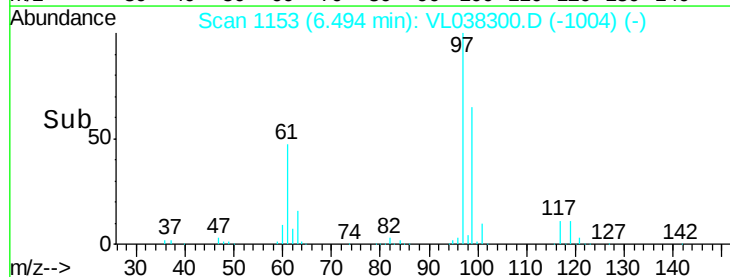


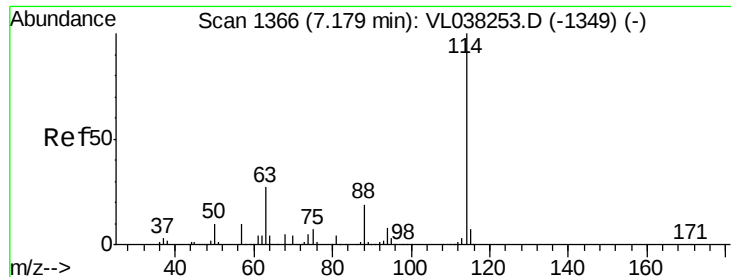
#32
 1,1,1-Trichloroethane
 Concen: 9.736 ppbv
 RT: 6.49 min Scan# 1153
 Delta R.T. -0.02 min
 Lab File: VL038300.D
 Acq: 27 Jan 2022 17:26

Tgt Ion: 97 Resp: 1508820
 Ion Ratio Lower Upper
 97 100
 99 64.7 51.5 77.3
 61 49.9 40.5 60.7



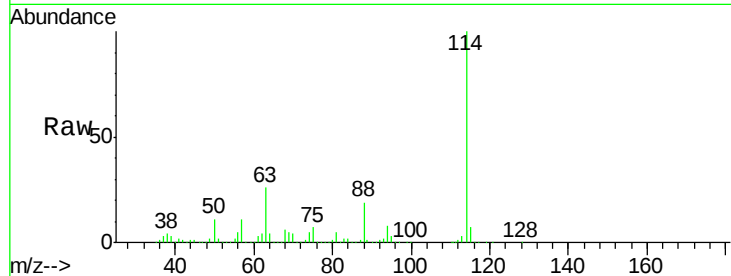
Abundance Ion 97.00 (96.70 to 97.70): VL0
 Ion 99.00 (98.70 to 99.70): VL0
 Ion 61.10 (60.80 to 61.80): VL0



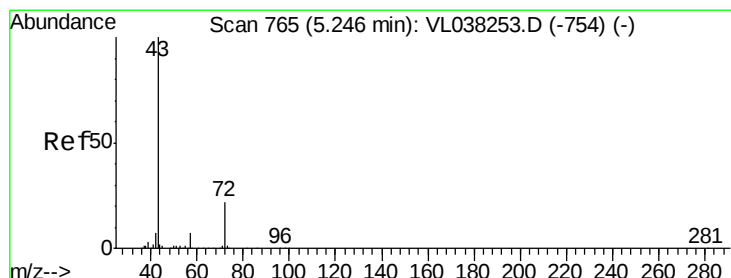
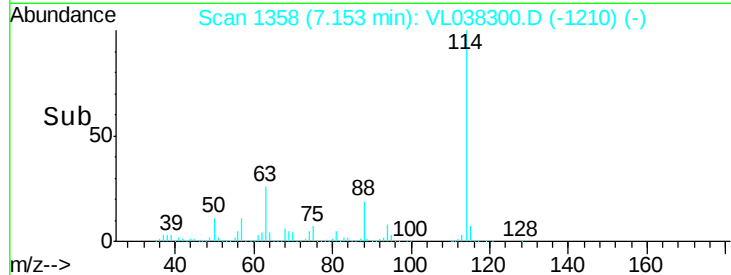
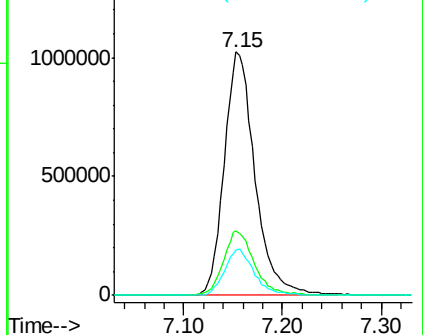


#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.15
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VL0127ABS02
 Acq: 27 Jan 2022 17:20

Tgt Ion: 114 Resp: 2231008
 Ion Ratio Lower Upper
 114 100
 63 26.8 22.0 33.0
 88 18.4 15.0 22.6

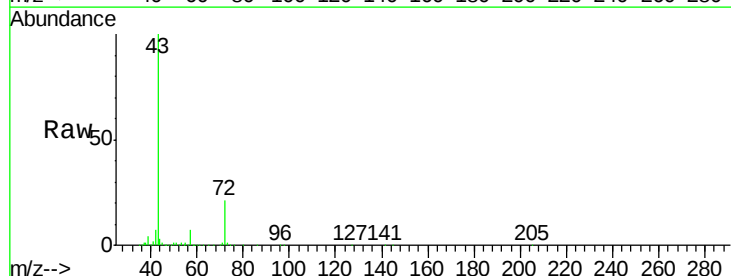


Abundance Ion 114.10 (113.80 to 114.80): V
 Ion 63.10 (62.80 to 63.80): VL0
 Ion 88.10 (87.80 to 88.80): VL0

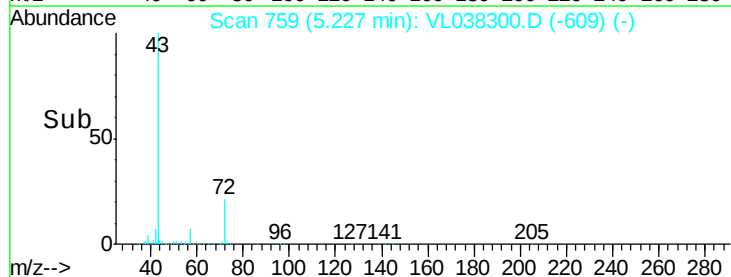
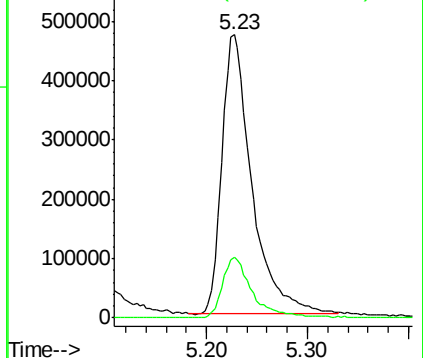


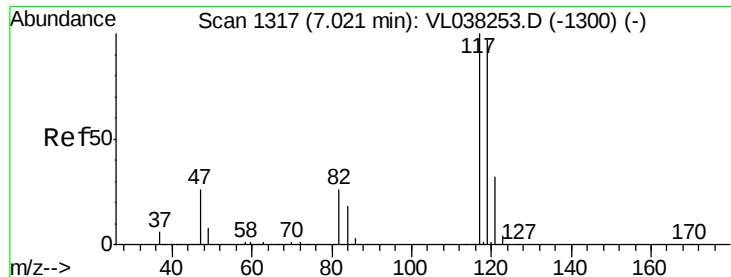
#34
 2-Butanone
 Concen: 13.446 ppbv
 RT: 5.23 min Scan# 759
 Delta R.T. -0.02 min
 Lab File: VL038300.D
 Acq: 27 Jan 2022 17:26

Tgt Ion: 43 Resp: 981010
 Ion Ratio Lower Upper
 43 100
 72 21.9 18.1 27.1



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





#35

Carbon Tetrachloride

Concen: 9.931 ppbv

RT: 7.00 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

Acq: 27 Jan 2022 17:26 VL0127ABS02

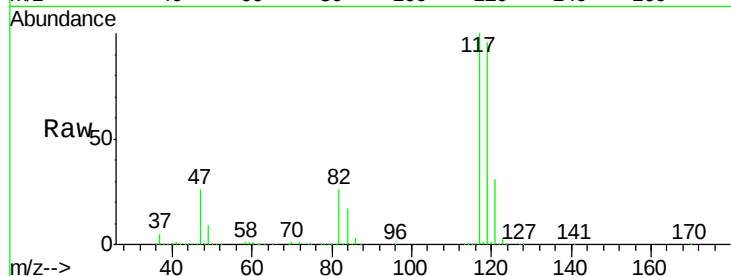
Tgt Ion:117 Resp: 1555230

Ion Ratio Lower Upper

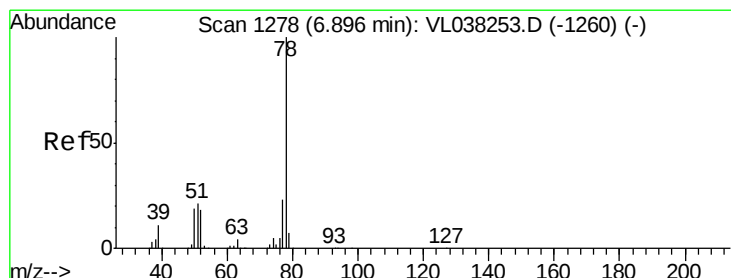
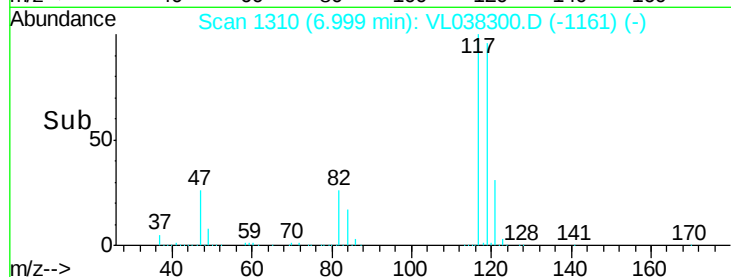
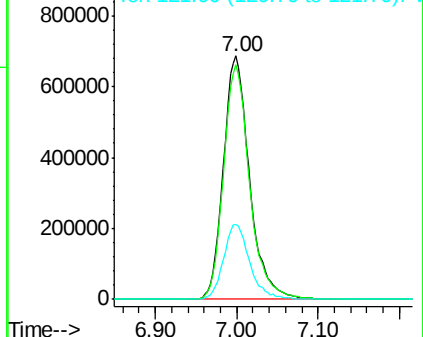
117 100

119 96.3 77.9 116.9

121 30.8 25.4 38.2



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: 10.061 ppbv

RT: 6.87 min Scan# 1271

Delta R.T. -0.02 min

Lab File: VL038300.D

Acq: 27 Jan 2022 17:26

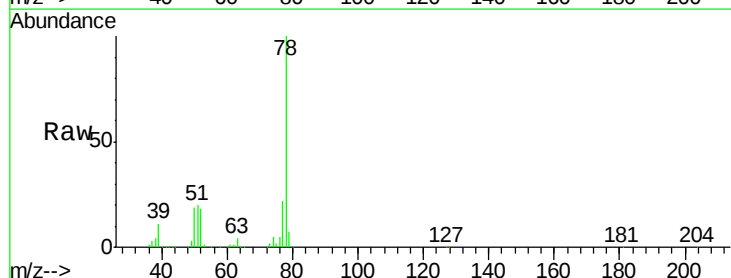
Tgt Ion: 78 Resp: 1985352

Ion Ratio Lower Upper

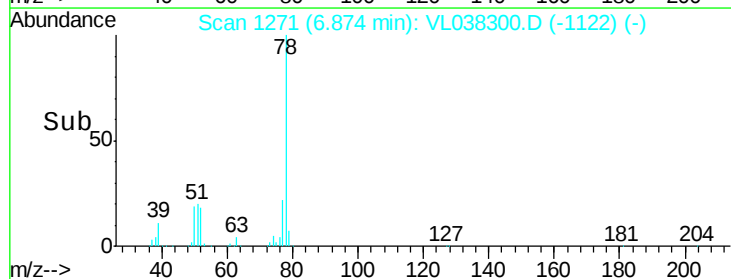
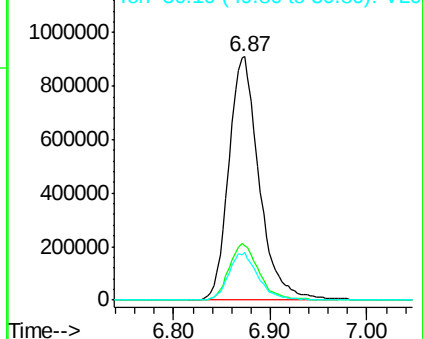
78 100

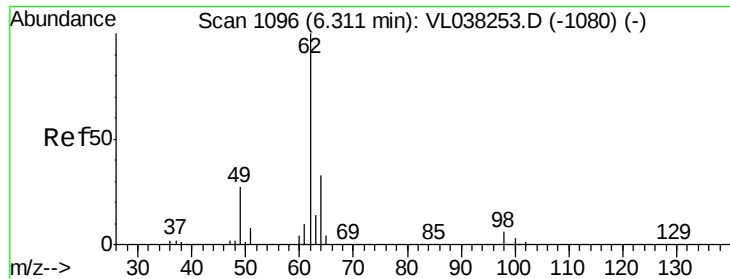
77 22.3 18.2 27.2

50 19.4 15.1 22.7



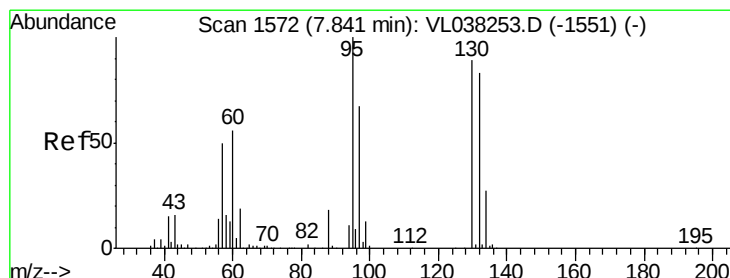
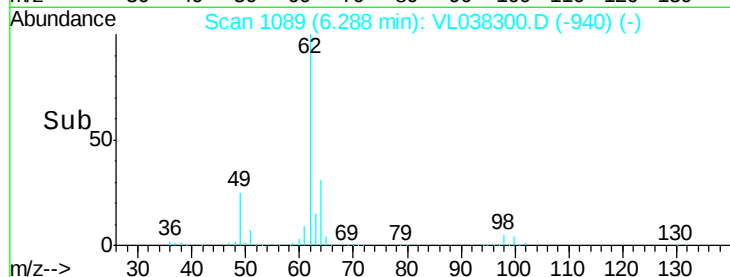
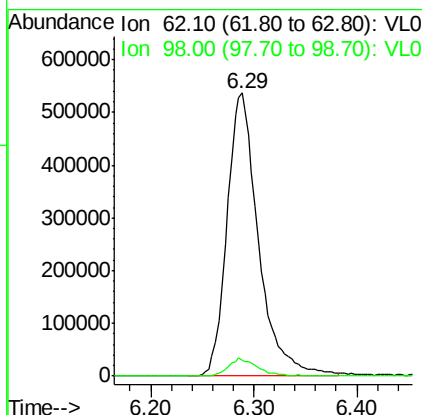
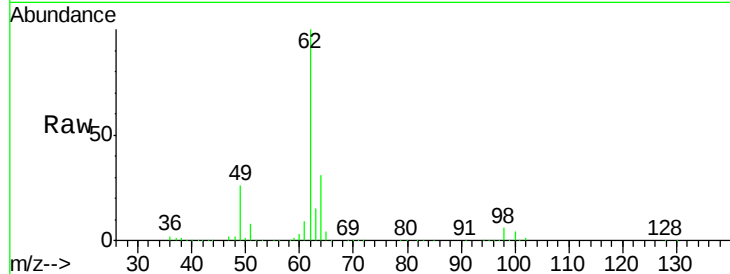
Abundance Ion 78.10 (77.80 to 78.80): VL0
Ion 77.10 (76.80 to 77.80): VL0
Ion 50.10 (49.80 to 50.80): VL0





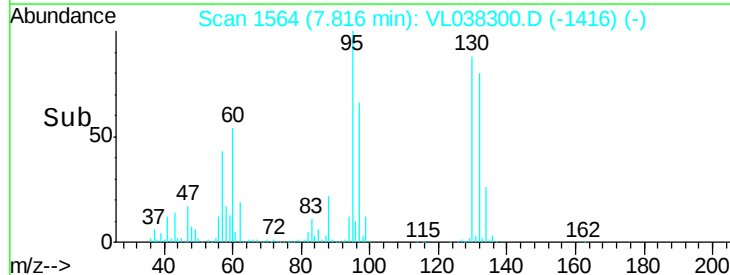
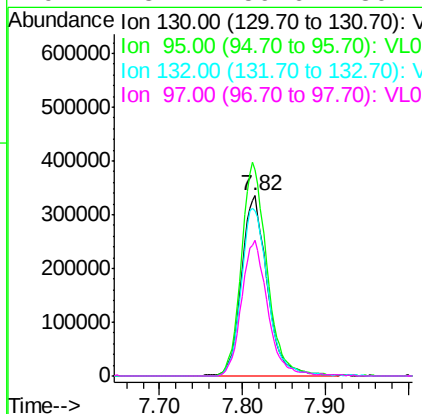
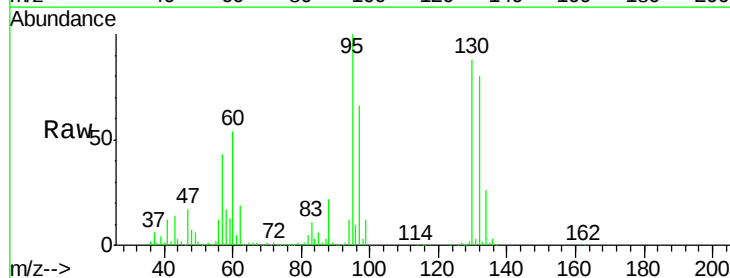
#37
 1,2-Dichloroethane
 Concen: 10.092 ppbv
 RT: 6.29
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VL0127ABS02
 Acq: 27 Jan 2022 17:28

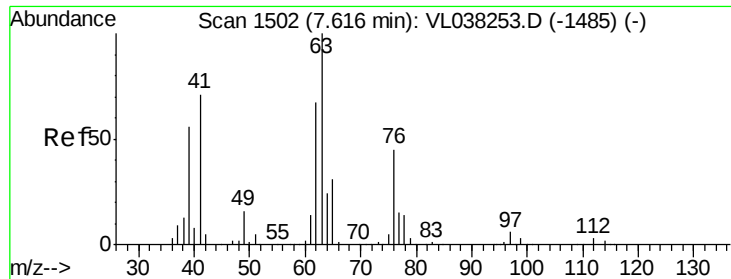
Tgt Ion: 62 Resp: 1140748
 Ion Ratio Lower Upper
 62 100
 98 6.1 4.5 6.7



#38
 Trichloroethene
 Concen: 9.868 ppbv
 RT: 7.82 min Scan# 1564
 Delta R.T. -0.03 min
 Lab File: VL038300.D
 Acq: 27 Jan 2022 17:26

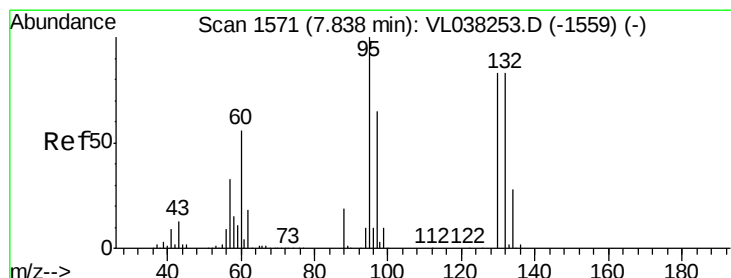
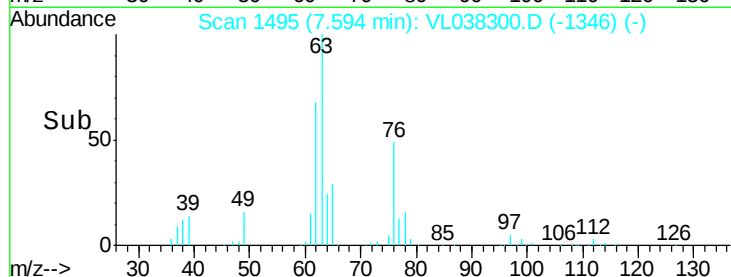
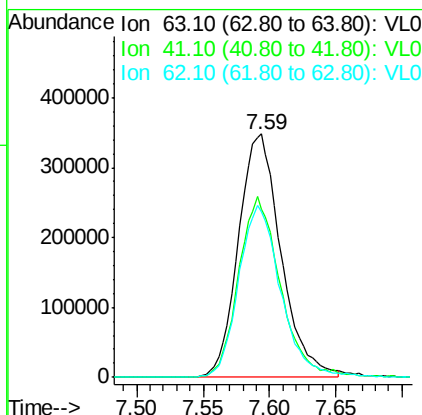
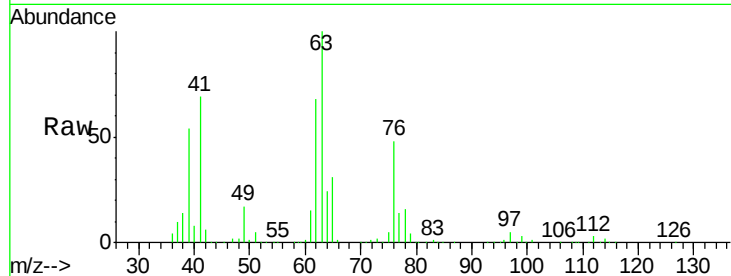
Tgt Ion: 130 Resp: 725403
 Ion Ratio Lower Upper
 130 100
 95 114.1 89.4 134.2
 132 91.8 74.6 111.8
 97 75.1 59.6 89.4





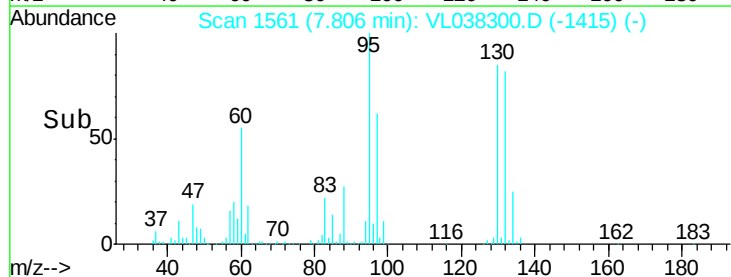
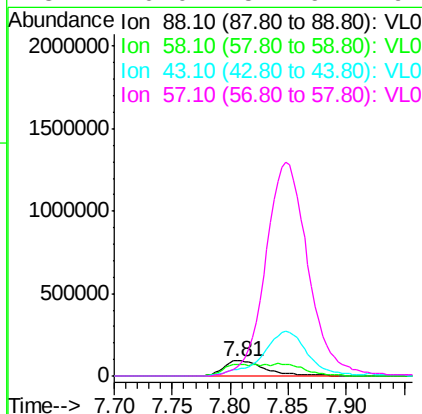
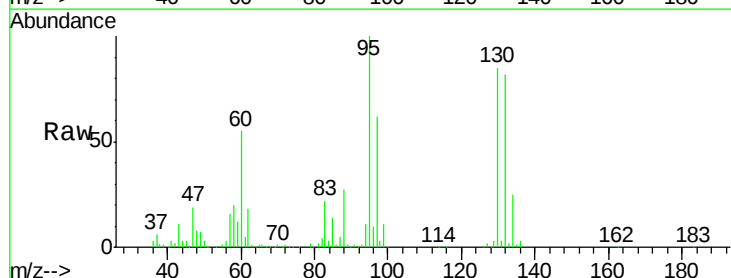
#39
 1,2-Dichloropropane
 Concen: 9.713 ppbv
 RT: 7.59
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId : VL0127ABS02
 Acq: 27 Jan 2022 17:20

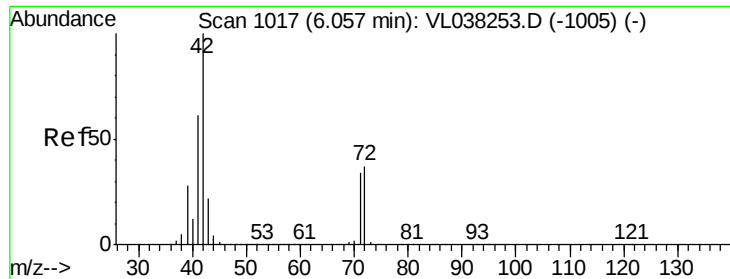
Tgt Ion: 63 Resp: 777082
 Ion Ratio Lower Upper
 63 100
 41 68.8 56.6 85.0
 62 67.9 53.9 80.9



#40
 1,4-Dioxane
 Concen: 11.832 ppbv
 RT: 7.81 min Scan# 1561
 Delta R.T. -0.03 min
 Lab File: VL038300.D
 Acq: 27 Jan 2022 17:26

Tgt Ion: 88 Resp: 227842
 Ion Ratio Lower Upper
 88 100
 58 58.6 138.6 208.0#
 43 0.0 346.9 520.3#
 57 0.0 1527.9 2291.9#





#41

Tetrahydrofuran

Concen: 10.219 ppbv

RT: 6.03 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 27 Jan 2022 17:26 VL0127ABS02

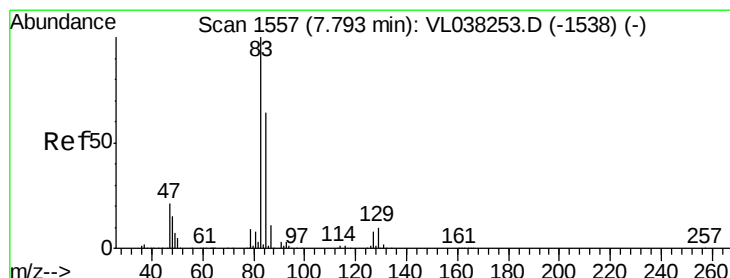
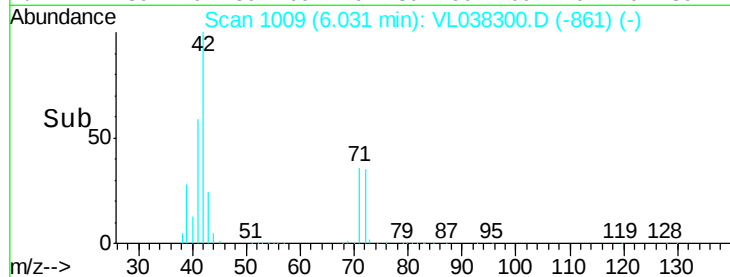
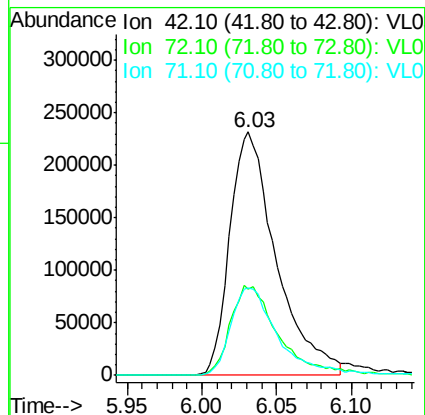
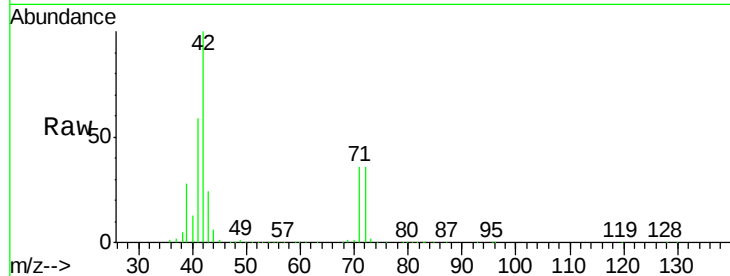
Tgt Ion: 42 Resp: 501169

Ion Ratio Lower Upper

42 100

72 39.0 29.7 44.5

71 37.5 29.4 44.2



#42

Bromodichloromethane

Concen: 9.969 ppbv

RT: 7.77 min Scan# 1549

Delta R.T. -0.03 min

Lab File: VL038300.D

Acq: 27 Jan 2022 17:26

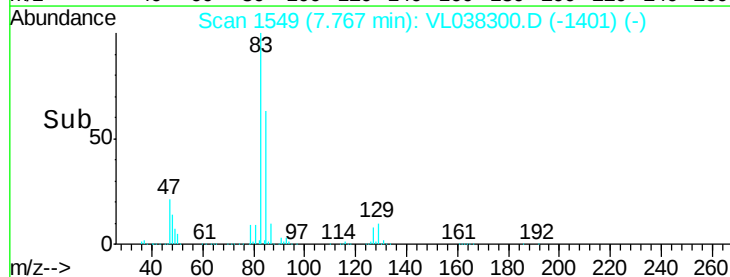
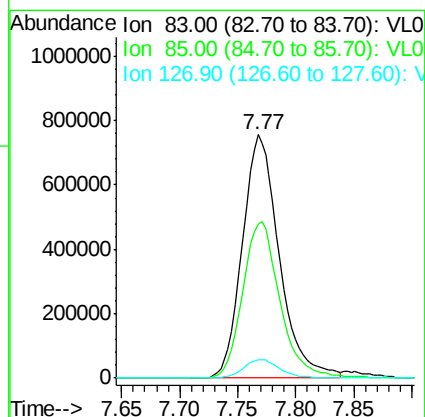
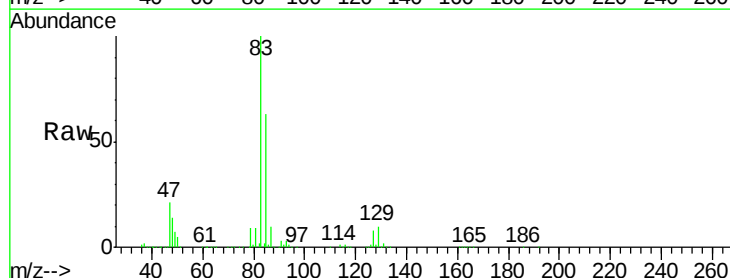
Tgt Ion: 83 Resp: 1671707

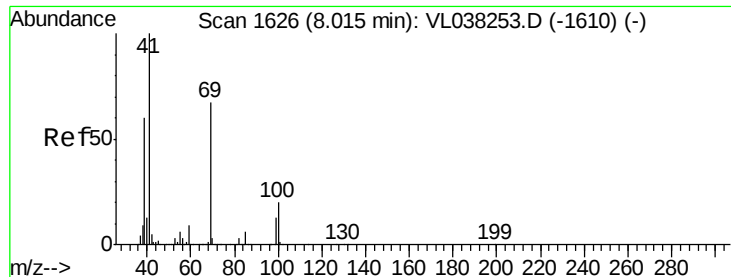
Ion Ratio Lower Upper

83 100

85 63.1 51.5 77.3

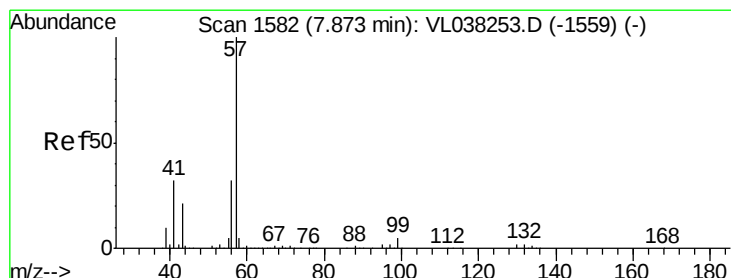
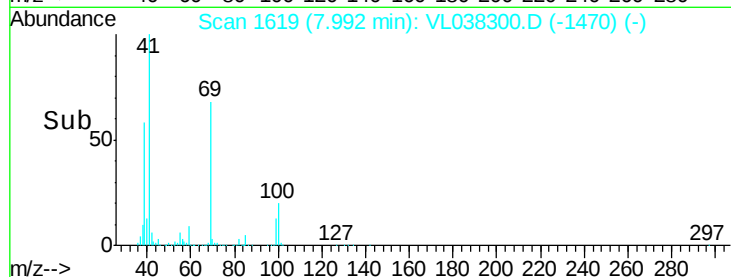
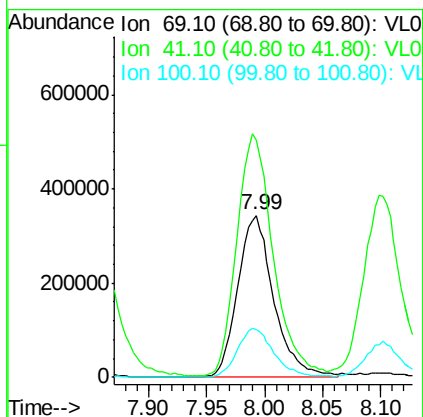
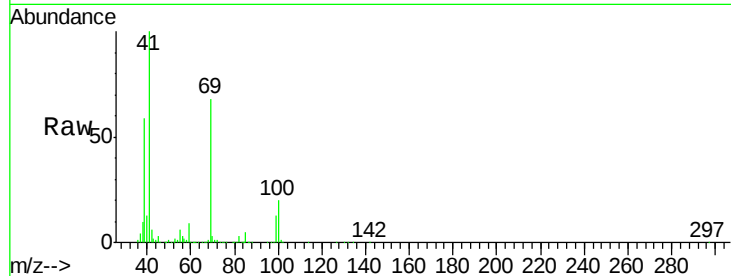
127 7.7 6.2 9.4





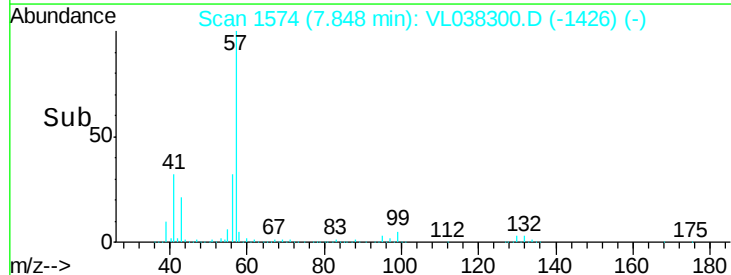
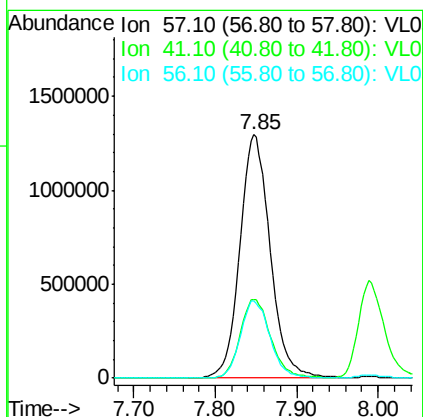
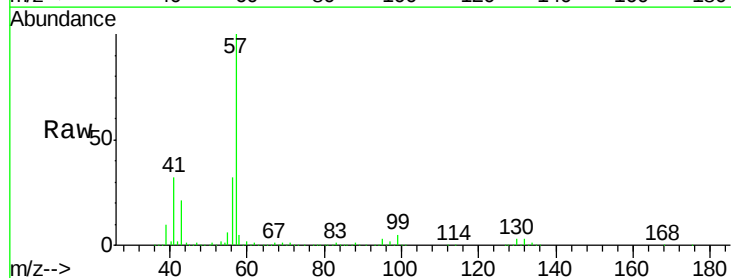
#43
Methyl Methacrylate
Concen: 10.645 ppbv
RT: 7.99
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId : VL0127ABS02
Acq: 27 Jan 2022 17:26

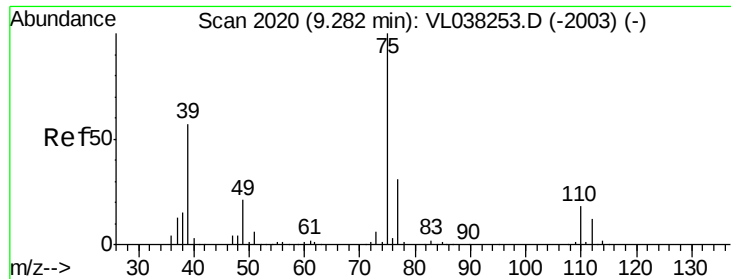
Tgt Ion: 69 Resp: 743059
Ion Ratio Lower Upper
69 100
41 153.2 120.9 181.3
100 30.7 23.4 35.0



#44
2,2,4-Trimethylpentane
Concen: 9.560 ppbv
RT: 7.85 min Scan# 1574
Delta R.T.: -0.03 min
Lab File: VL038300.D
Acq: 27 Jan 2022 17:26

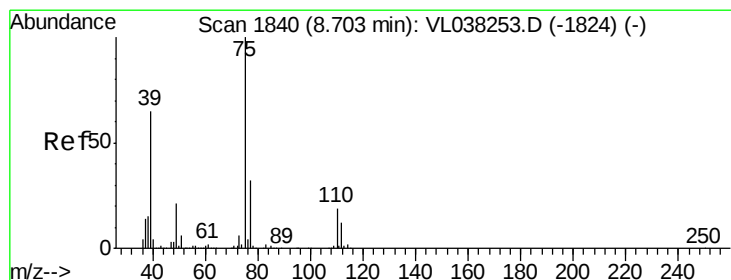
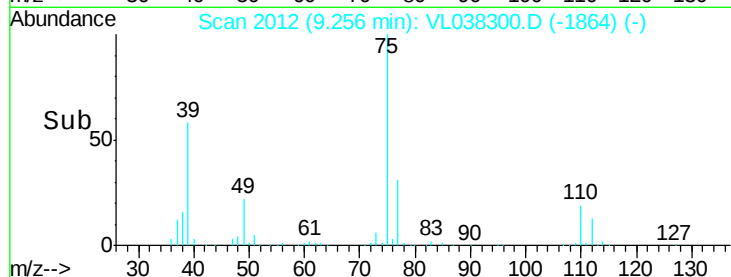
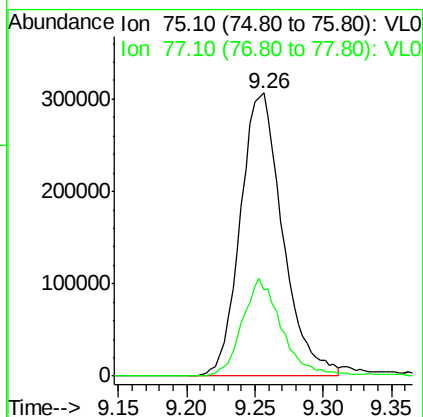
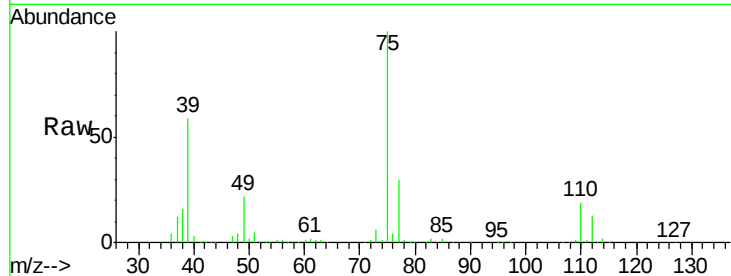
Tgt Ion: 57 Resp: 3324619
Ion Ratio Lower Upper
57 100
41 32.9 26.3 39.5
56 31.1 25.2 37.8





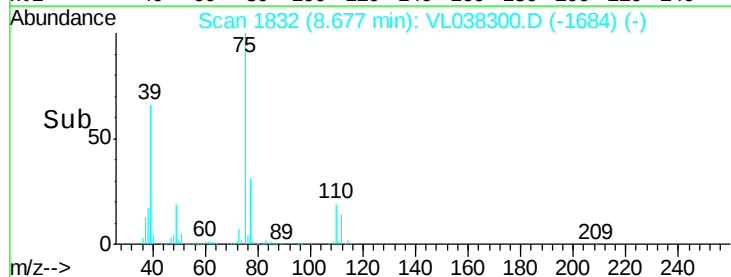
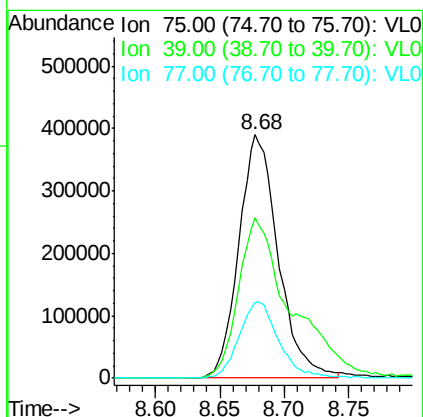
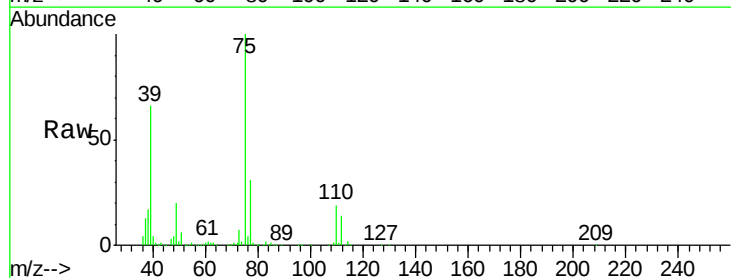
#45
t-1,3-Dichloropropene
Concen: 11.597 ppbv
RT: 9.26
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
VL0127ABS02
Acq: 27 Jan 2022 17:26

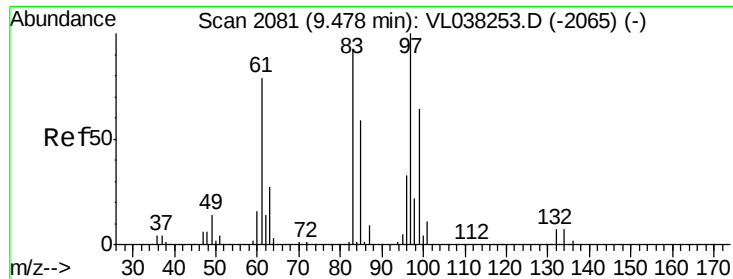
Tgt Ion: 75 Resp: 657706
Ion Ratio Lower Upper
75 100
77 30.5 24.9 37.3



#46
cis-1,3-Dichloropropene
Concen: 10.950 ppbv
RT: 8.68 min Scan# 1832
Delta R.T. -0.03 min
Lab File: VL038300.D
Acq: 27 Jan 2022 17:26

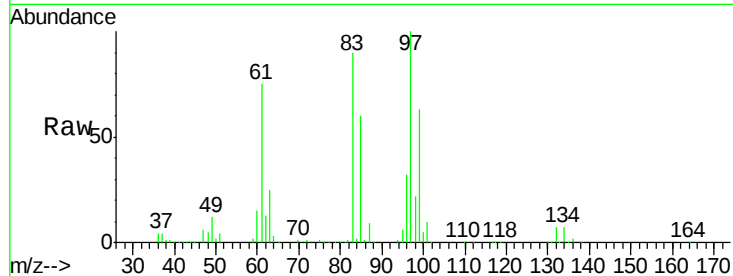
Tgt Ion: 75 Resp: 828579
Ion Ratio Lower Upper
75 100
39 65.9 52.3 78.5
77 31.3 25.4 38.0



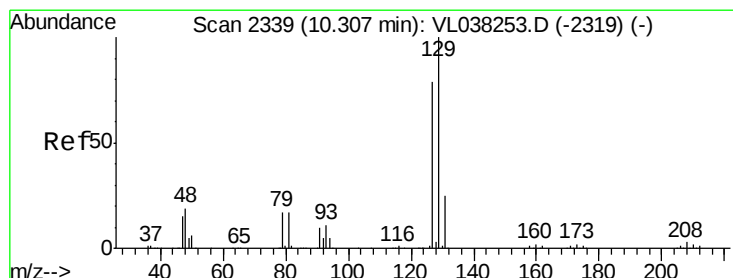
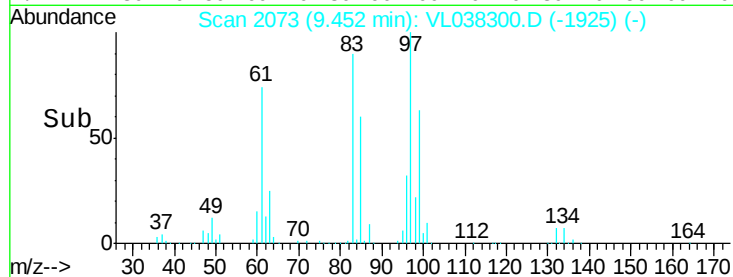
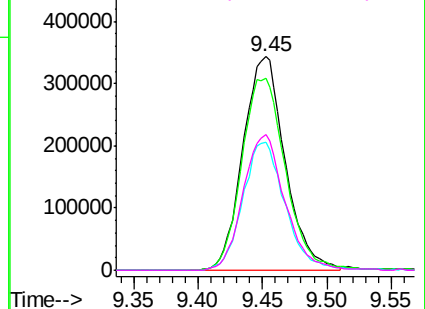


#47
 1,1,2-Trichloroethane
 Concen: 9.952 ppbv
 RT: 9.45
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VL0127ABS02
 Acq: 27 Jan 2022 17:26

Tgt Ion:	97	Resp:	782342
Ion	Ratio	Lower	Upper
97	100		
83	89.7	74.3	111.5
85	59.7	47.5	71.3
99	63.3	51.1	76.7

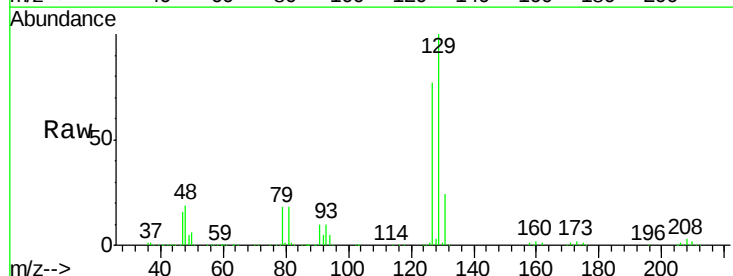


Abundance Ion 97.00 (96.70 to 97.70): VL0
 Ion 83.00 (82.70 to 83.70): VL0
 Ion 85.00 (84.70 to 85.70): VL0
 Ion 99.00 (98.70 to 99.70): VL0

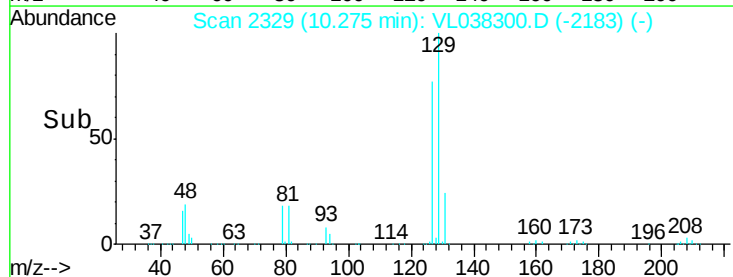
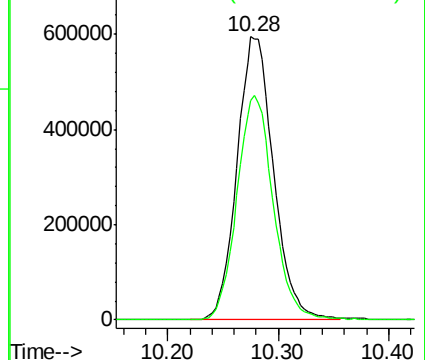


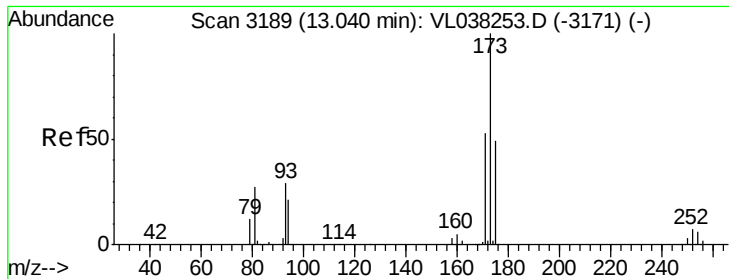
#48
 Dibromochloromethane
 Concen: 10.313 ppbv
 RT: 10.28 min Scan# 2329
 Delta R.T. -0.03 min
 Lab File: VL038300.D
 Acq: 27 Jan 2022 17:26

Tgt Ion:	129	Resp:	1364983
Ion	Ratio	Lower	Upper
129	100		
127	79.0	39.1	117.3



Abundance Ion 129.00 (128.70 to 129.70): V
 Ion 127.00 (126.70 to 127.70): V





#49

Bromoform

Concen: 10.960 ppbv

RT: 13.01

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

VL0127ABS02

Acq: 27 Jan 2022 17:26

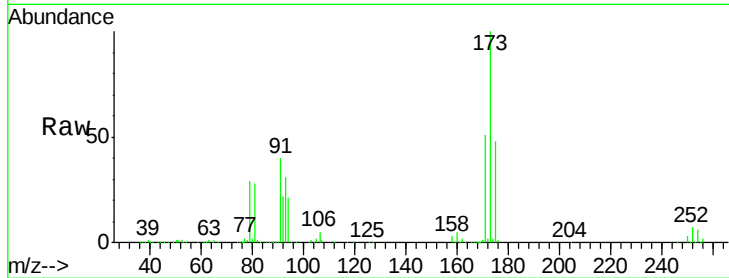
Tgt Ion: 173 Resp: 1045776

Ion Ratio Lower Upper

173 100

175 49.0 39.7 59.5

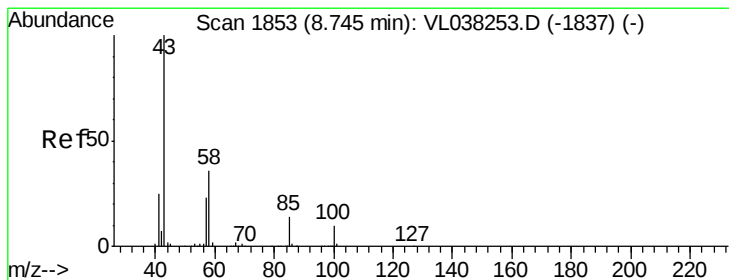
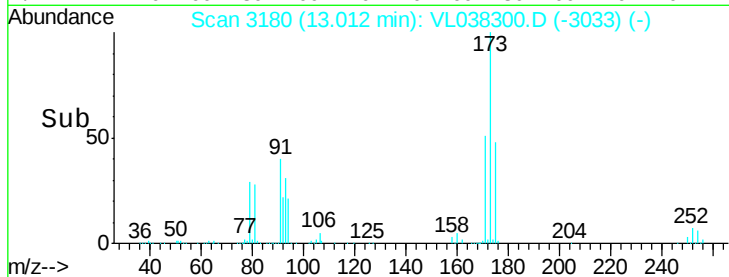
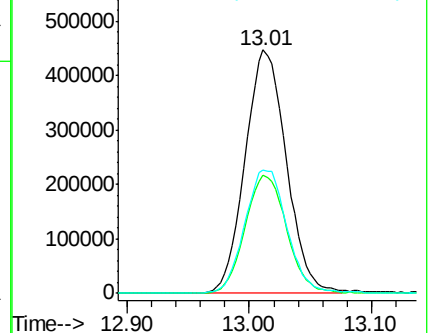
171 52.0 42.1 63.1



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: 10.106 ppbv

RT: 8.72 min Scan# 1845

Delta R.T. -0.03 min

Lab File: VL038300.D

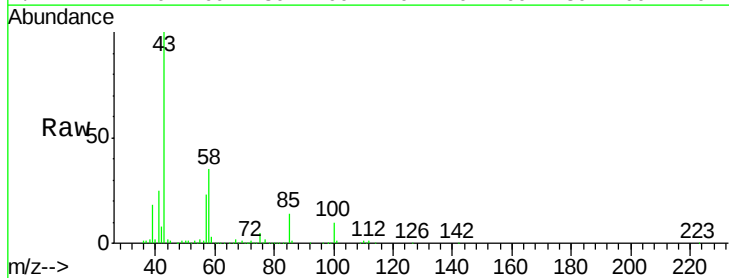
Acq: 27 Jan 2022 17:26

Tgt Ion: 43 Resp: 1315354

Ion Ratio Lower Upper

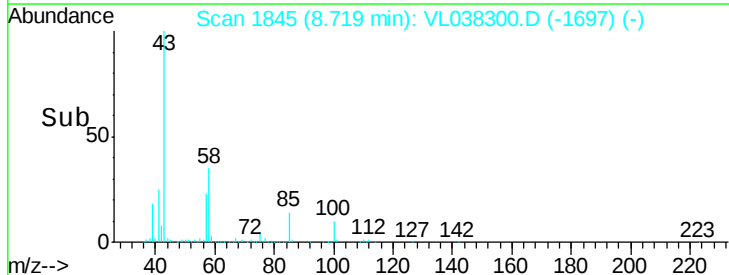
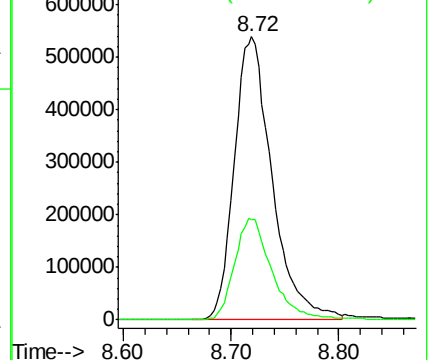
43 100

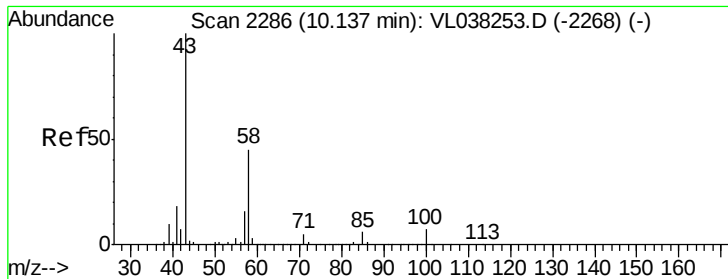
58 35.8 28.2 42.4



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0





#51

2-Hexanone

Concen: 10.207 ppbv

RT: 10.11

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

VL0127ABS02

Acq: 27 Jan 2022 17:20

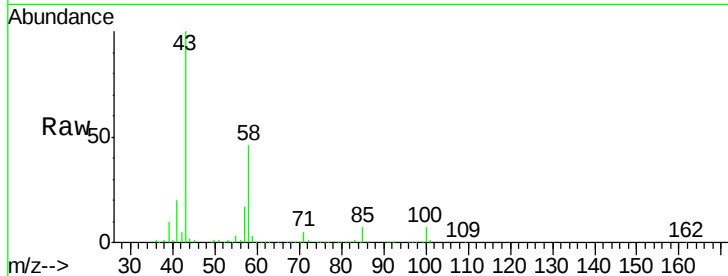
Tgt Ion: 43 Resp: 585081

Ion Ratio Lower Upper

43 100

58 48.5 37.0 55.4

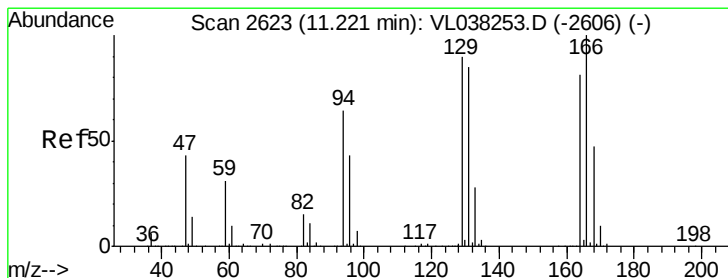
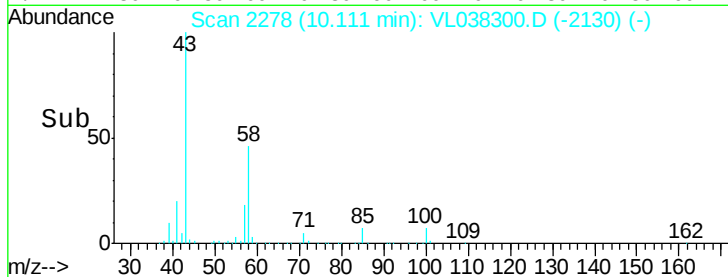
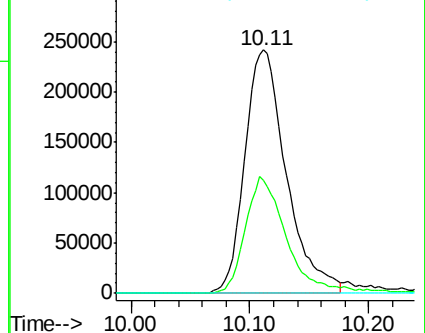
98 0.2 0.2 0.2



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

Ion 98.20 (97.90 to 98.90): VL0



#52

Tetrachloroethene

Concen: 9.550 ppbv

RT: 11.20 min Scan# 2616

Delta R.T. -0.02 min

Lab File: VL038300.D

Acq: 27 Jan 2022 17:26

Tgt Ion: 164 Resp: 649554

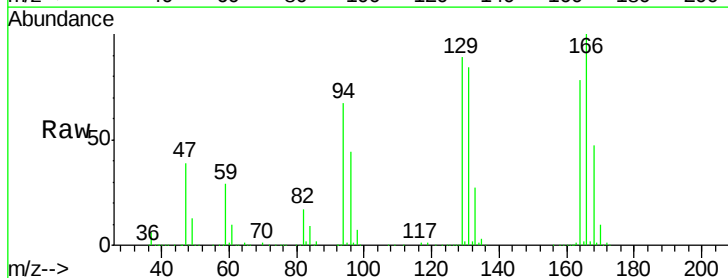
Ion Ratio Lower Upper

164 100

166 127.4 98.8 148.2

129 112.9 89.2 133.8

131 106.5 83.6 125.4

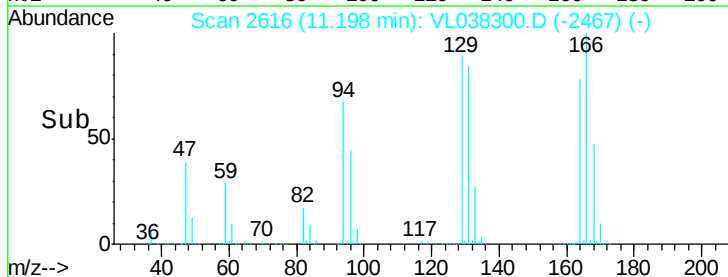
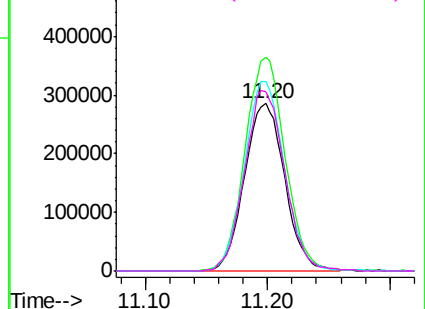


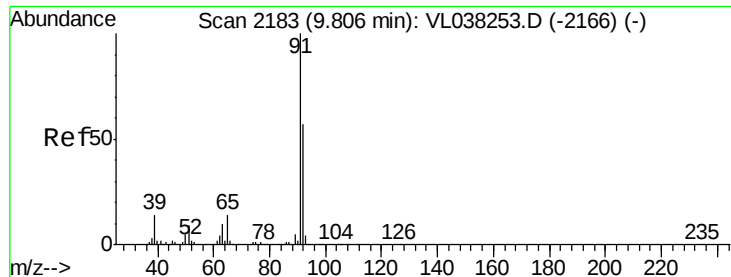
Abundance Ion 163.90 (163.60 to 164.60): V

Ion 165.90 (165.60 to 166.60): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V





#53

Toluene

Concen: 10.243 ppbv

RT: 9.78 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

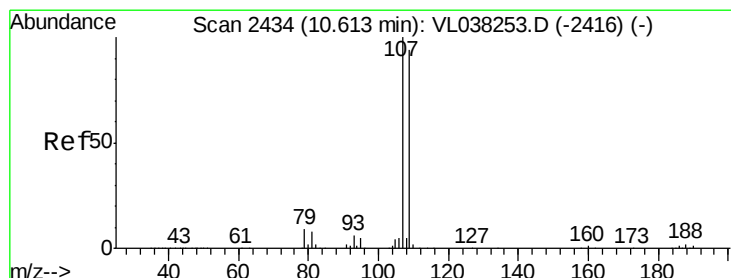
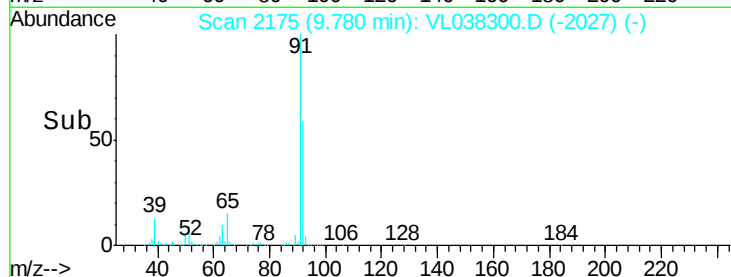
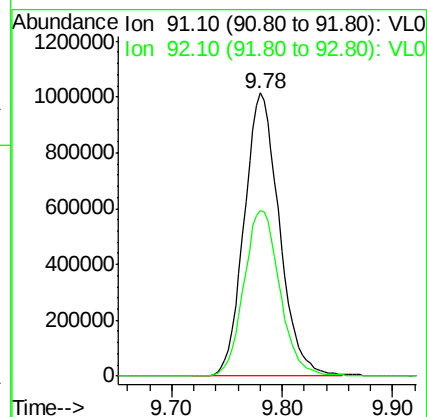
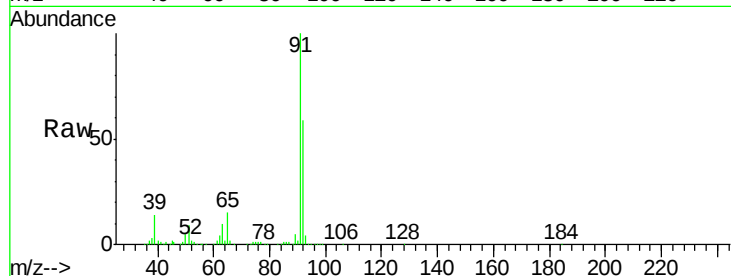
Acq: 27 Jan 2022 17:20 VL0127ABS02

Tgt Ion: 91 Resp: 2237374

Ion Ratio Lower Upper

91 100

92 60.1 47.4 71.0



#54

1,2-Dibromoethane

Concen: 10.400 ppbv

RT: 10.58 min Scan# 2425

Delta R.T. -0.03 min

Lab File: VL038300.D

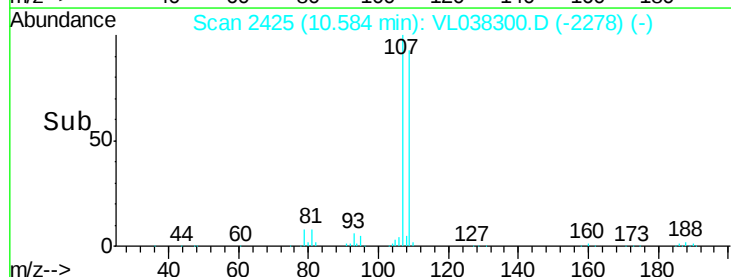
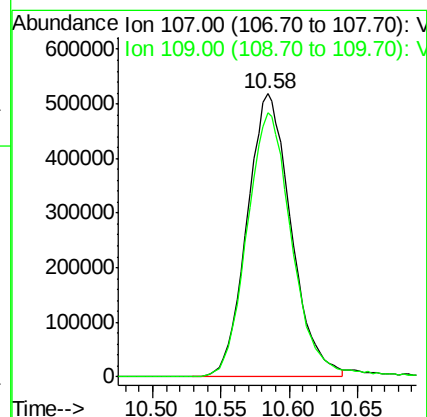
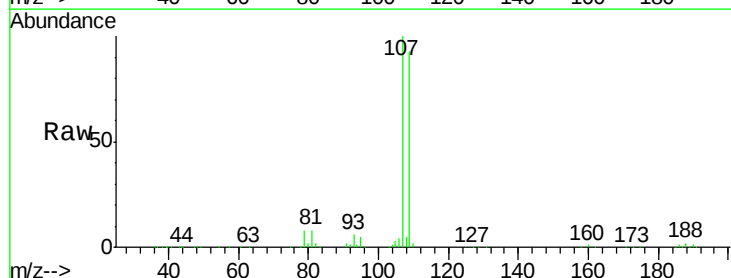
Acq: 27 Jan 2022 17:26

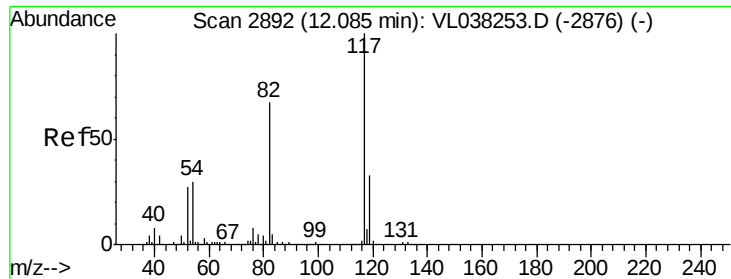
Tgt Ion: 107 Resp: 1162383

Ion Ratio Lower Upper

107 100

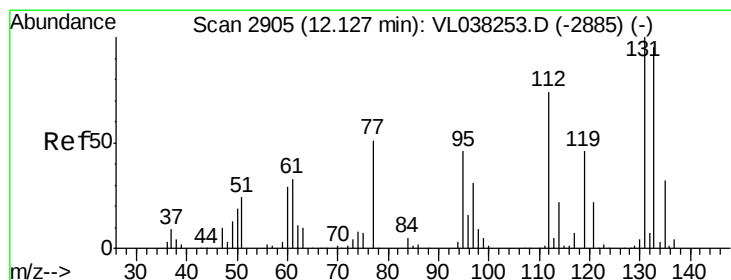
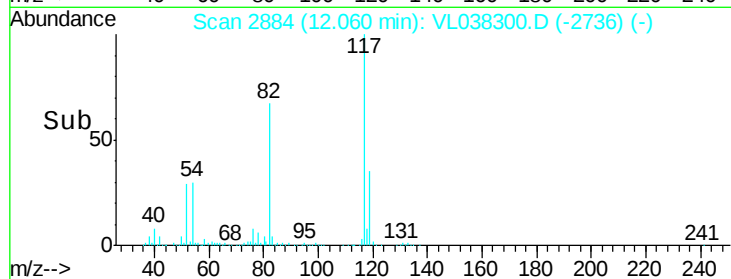
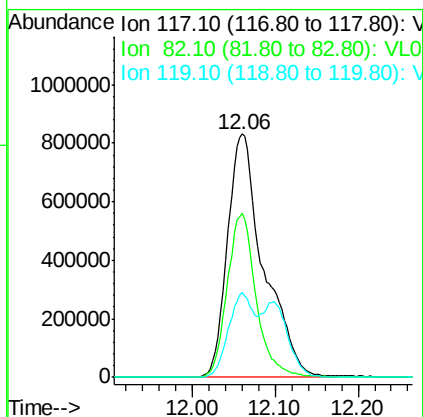
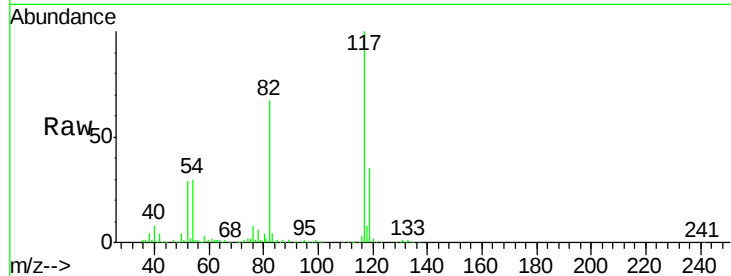
109 93.3 75.4 113.0





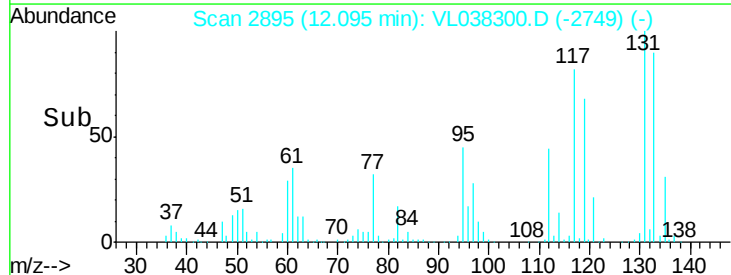
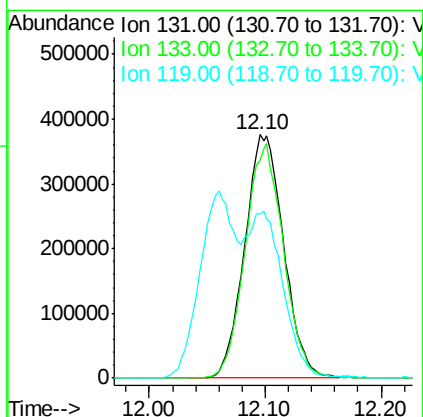
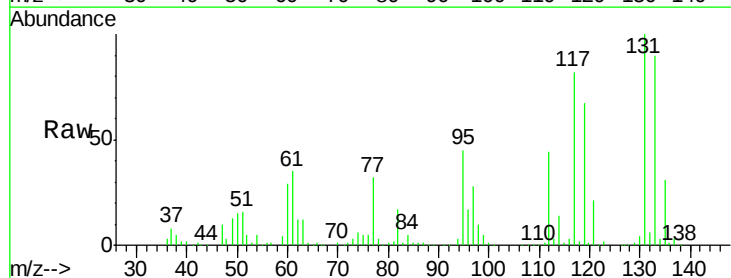
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.06 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId : VL0127ABS02
Acq: 27 Jan 2022 17:20

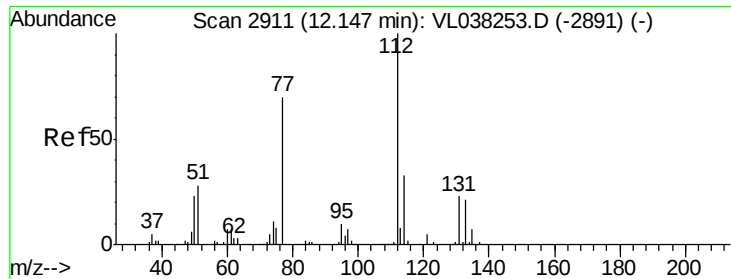
Tgt Ion:117 Resp: 2530656
Ion Ratio Lower Upper
117 100
82 53.7 54.4 81.6#
119 23.3 45.9 68.9#



#56
1,1,1,2-Tetrachloroethane
Concen: 7.933 ppbv
RT: 12.10 min Scan# 2895
Delta R.T.: -0.03 min
Lab File: VL038300.D
Acq: 27 Jan 2022 17:26

Tgt Ion:131 Resp: 878699
Ion Ratio Lower Upper
131 100
133 94.9 76.0 114.0
119 68.6 53.0 79.4





#57

Chlorobenzene

Concen: 7.928 ppbv

RT: 12.12

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 27 Jan 2022 17:26

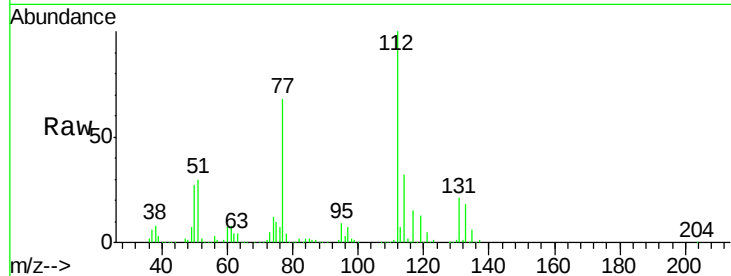
Tgt Ion: 112 Resp: 1605522

Ion Ratio Lower Upper

112 100

77 67.2 55.9 83.9

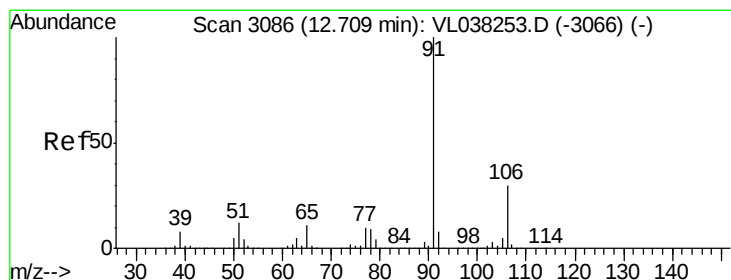
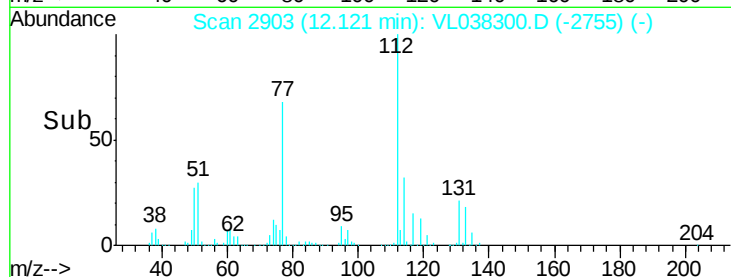
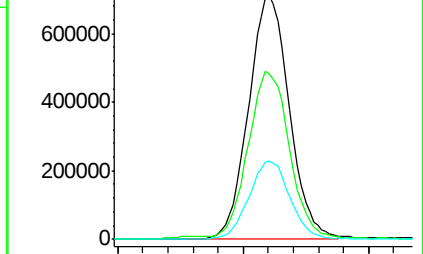
114 32.4 29.3 35.9



Abundance Ion 112.10 (111.80 to 112.80): V

Ion 77.10 (76.80 to 77.80): VL0

Ion 114.10 (113.80 to 114.80): V



#58

Ethyl Benzene

Concen: 8.033 ppbv

RT: 12.68 min Scan# 3078

Delta R.T. -0.03 min

Lab File: VL038300.D

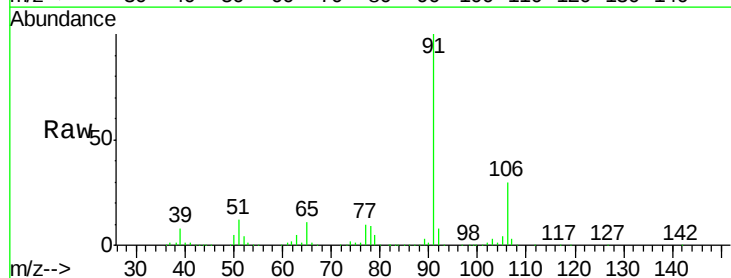
Acq: 27 Jan 2022 17:26

Tgt Ion: 91 Resp: 2987770

Ion Ratio Lower Upper

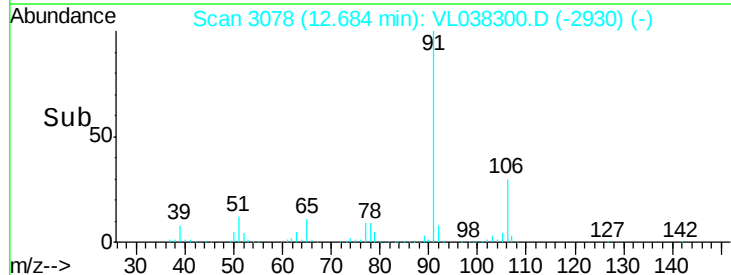
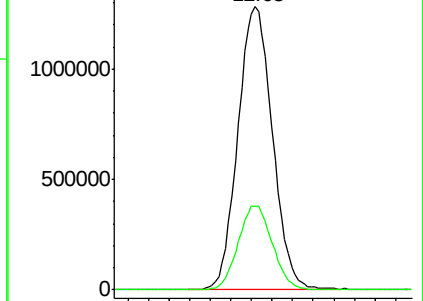
91 100

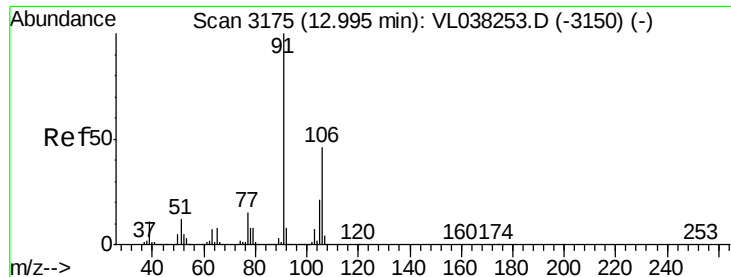
106 29.7 24.1 36.1



Abundance Ion 91.10 (90.80 to 91.80): VL0

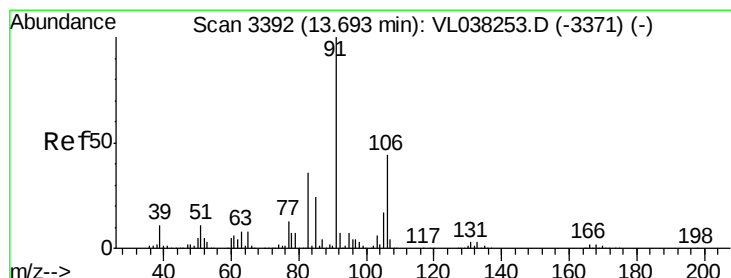
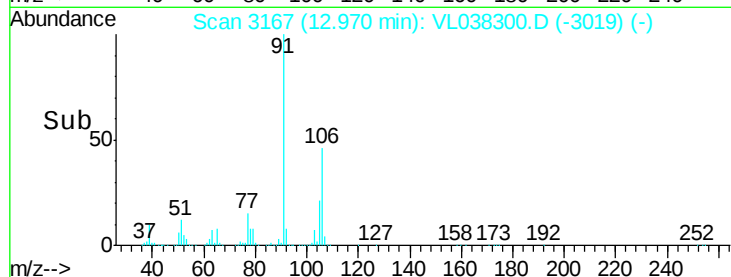
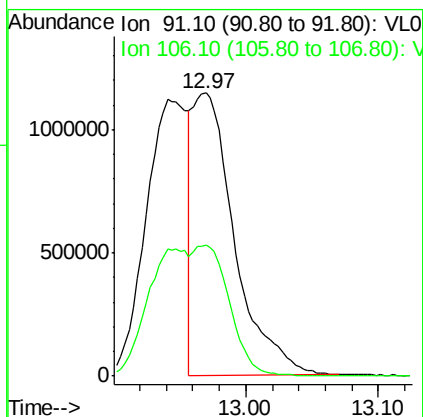
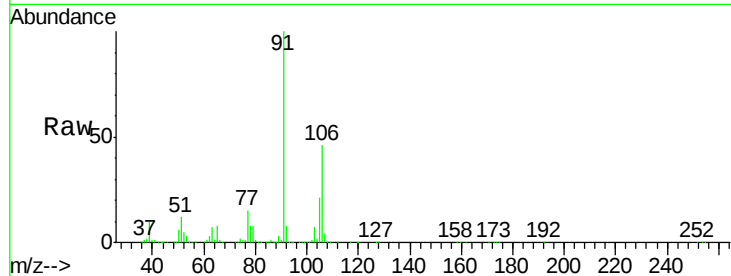
Ion 106.10 (105.80 to 106.80): V





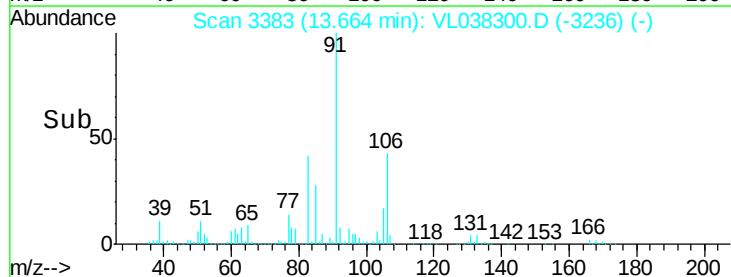
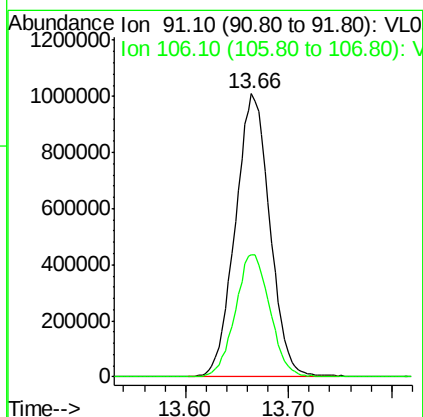
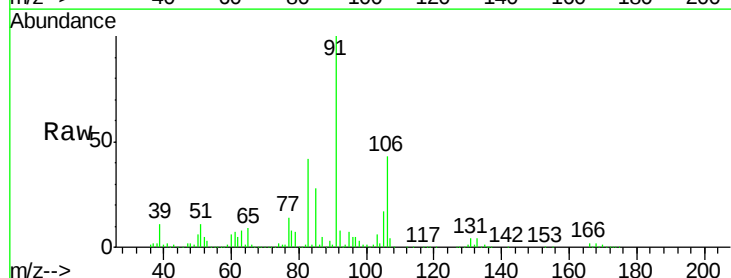
#59
m/p-Xylene
Concen: 7.836 ppbv
RT: 12.97
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
VL0127ABS02
Acq: 27 Jan 2022 17:26

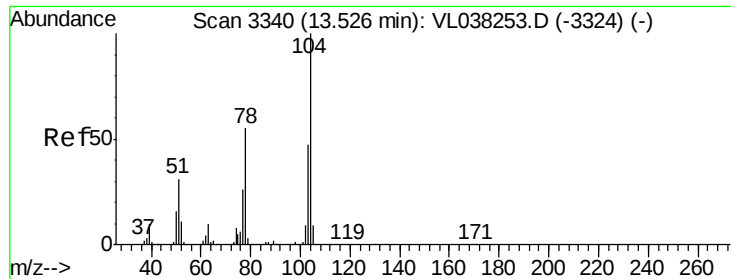
Tgt Ion: 91 Resp: 2486441
Ion Ratio Lower Upper
91 100
106 85.8 34.8 52.2#



#60
o-Xylene
Concen: 7.944 ppbv
RT: 13.66 min Scan# 3383
Delta R.T.: -0.03 min
Lab File: VL038300.D
Acq: 27 Jan 2022 17:26

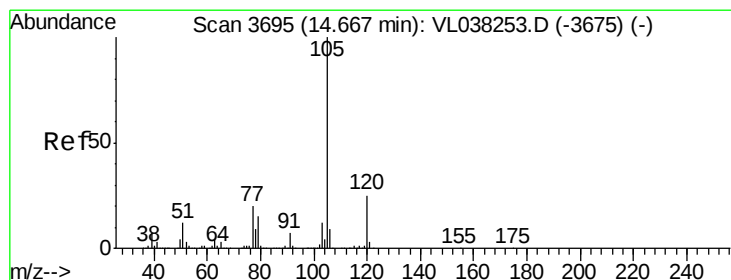
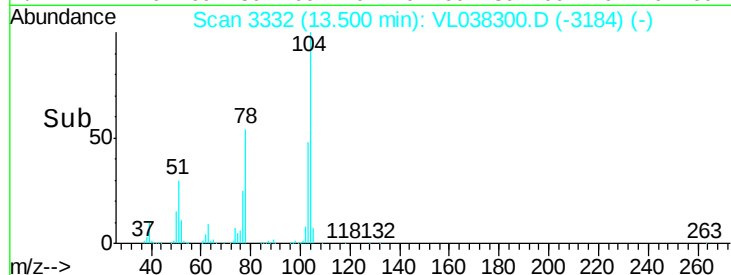
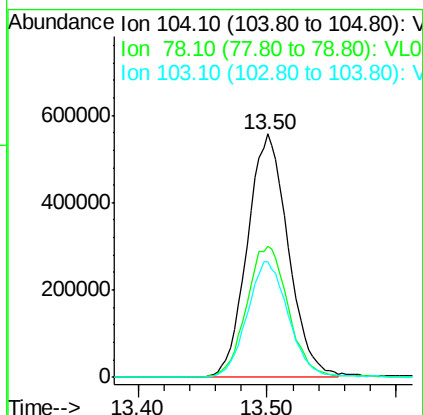
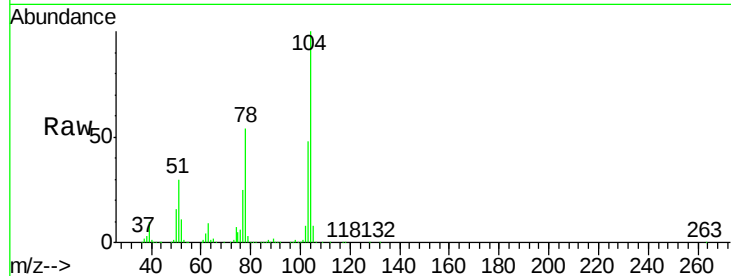
Tgt Ion: 91 Resp: 2344519
Ion Ratio Lower Upper
91 100
106 43.7 22.2 66.6





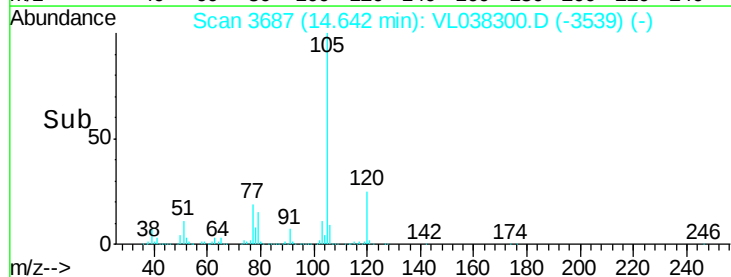
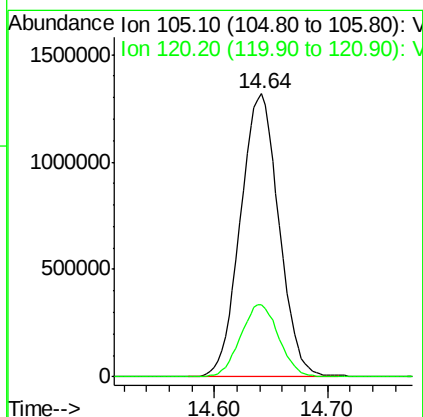
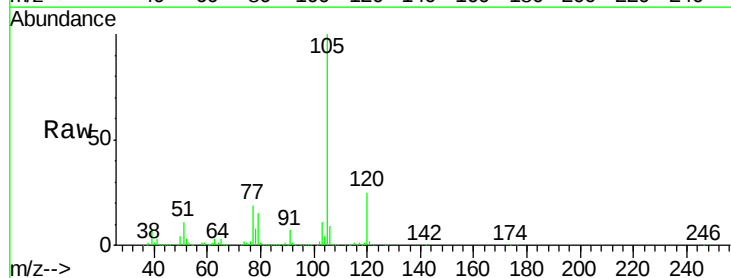
#61
Styrene
Concen: 8.934 ppbv
RT: 13.50
Delta R.T. MSVOA_L
Lab File: ClientSampleId : VL0127ABS02
Acq: 27 Jan 2022 17:26

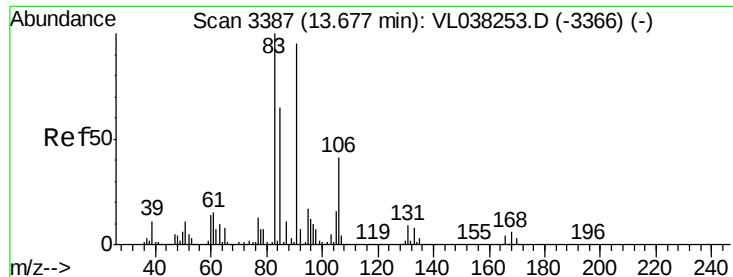
Tgt Ion:104 Resp: 1230475
Ion Ratio Lower Upper
104 100
78 55.6 44.2 66.4
103 48.2 38.2 57.4



#62
Isopropylbenzene
Concen: 7.949 ppbv
RT: 14.64 min Scan# 3687
Delta R.T. -0.03 min
Lab File: VL038300.D
Acq: 27 Jan 2022 17:26

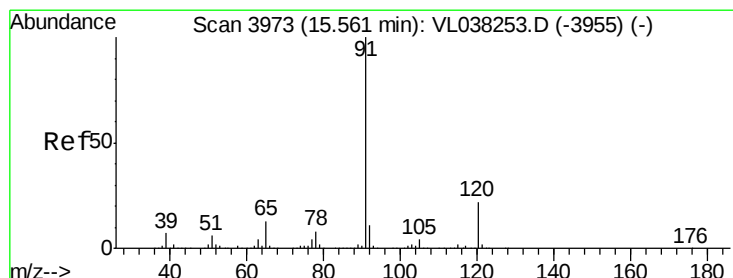
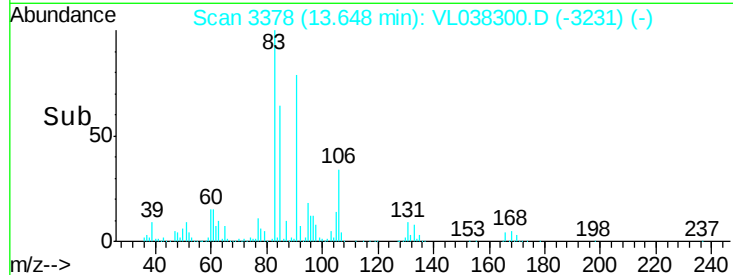
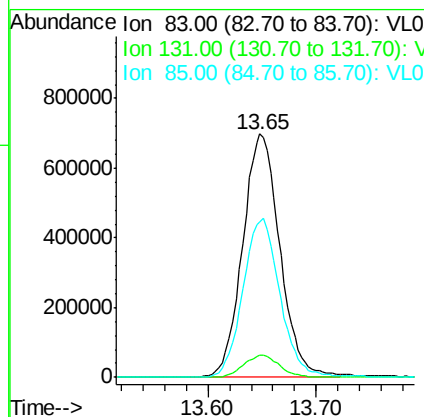
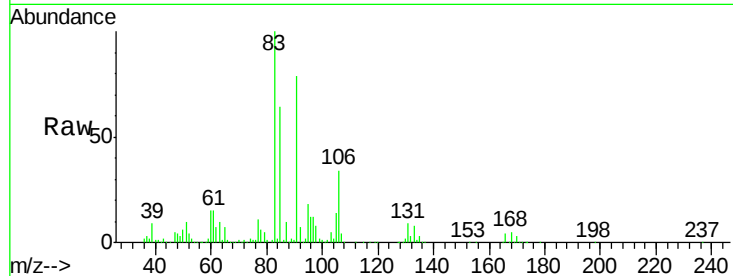
Tgt Ion:105 Resp: 3127472
Ion Ratio Lower Upper
105 100
120 25.4 20.5 30.7





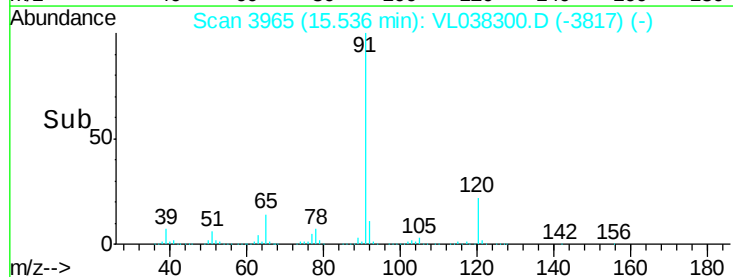
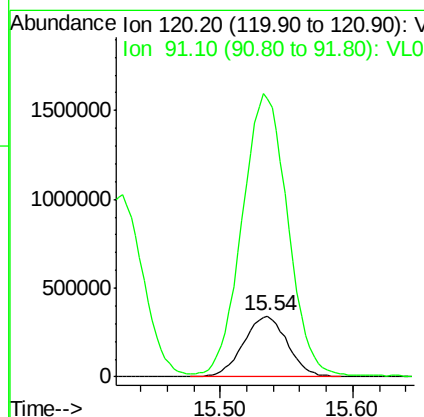
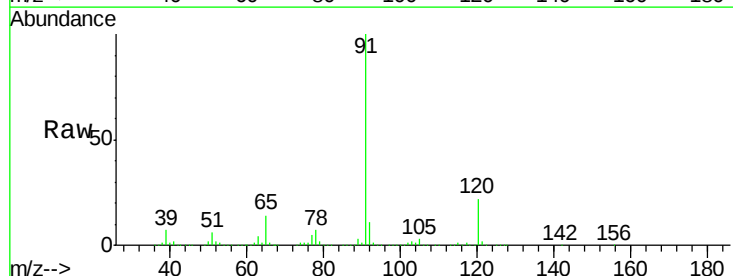
#63
 1,1,2,2-Tetrachloroethane
 Concen: 7.645 ppbv
 RT: 13.65
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId : VL0127ABS02
 Acq: 27 Jan 2022 17:26

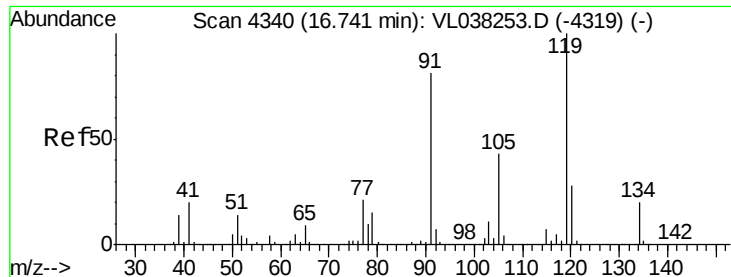
Tgt Ion: 83 Resp: 1669511
 Ion Ratio Lower Upper
 83 100
 131 9.0 4.5 13.5
 85 65.7 32.8 98.4



#64
 n-propylbenzene
 Concen: 8.369 ppbv
 RT: 15.54 min Scan# 3965
 Delta R.T. -0.03 min
 Lab File: VL038300.D
 Acq: 27 Jan 2022 17:26

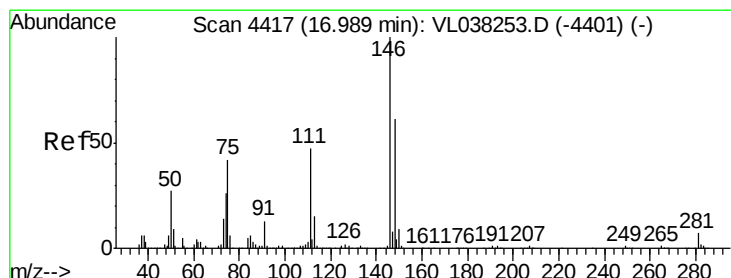
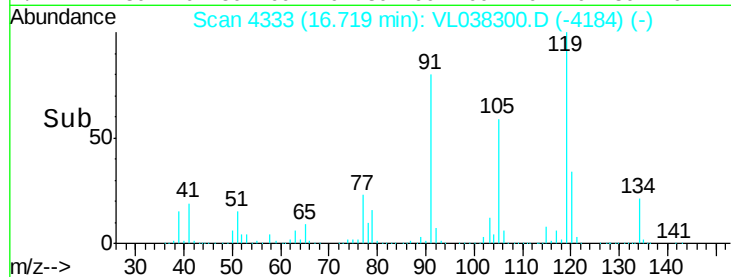
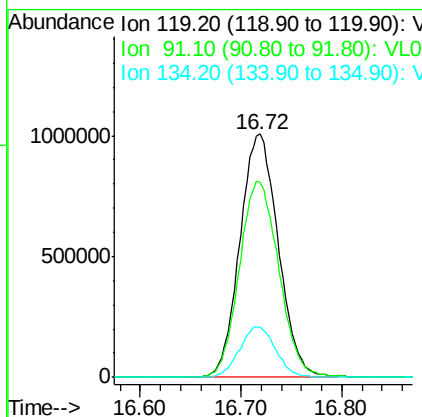
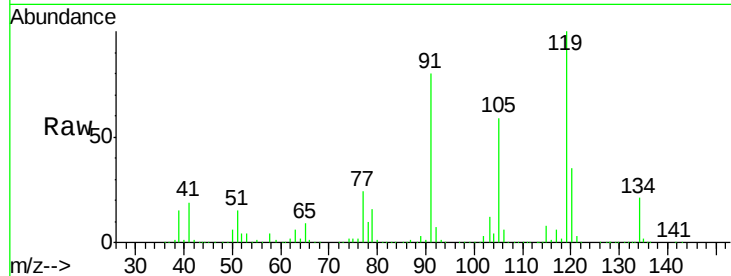
Tgt Ion: 120 Resp: 792097
 Ion Ratio Lower Upper
 120 100
 91 485.4 390.8 586.2





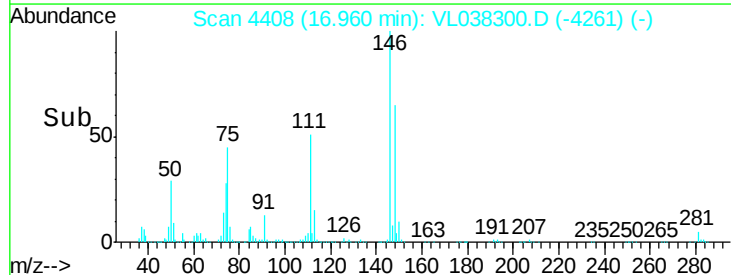
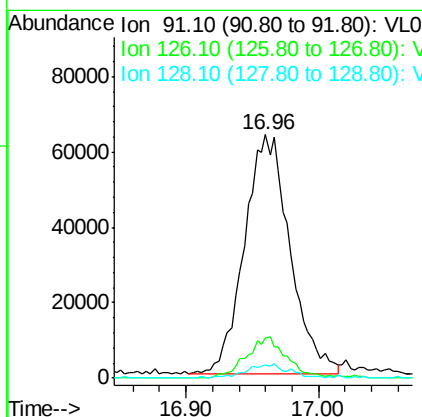
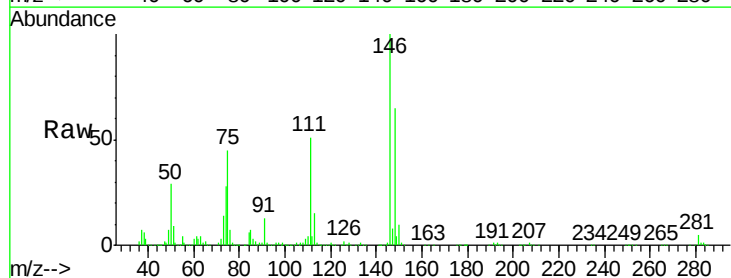
#65
 tert-Butylbenzene
 Concen: 8.199 ppbv
 RT: 16.72
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId : VL0127ABS02
 Acq: 27 Jan 2022 17:20

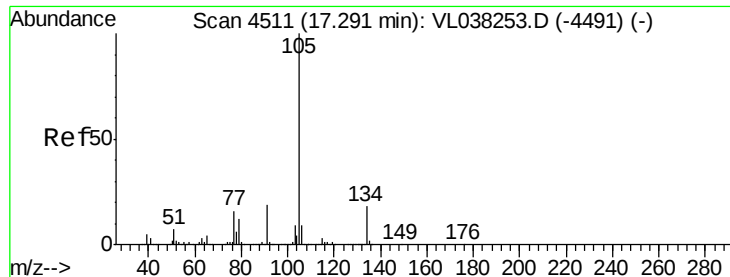
Tgt Ion: 119 Resp: 2656713
 Ion Ratio Lower Upper
 119 100
 91 83.0 66.6 100.0
 134 19.6 15.8 23.6



#66
 Benzyl Chloride
 Concen: 10.247 ppbv
 RT: 16.96 min Scan# 4408
 Delta R.T. -0.03 min
 Lab File: VL038300.D
 Acq: 27 Jan 2022 17:26

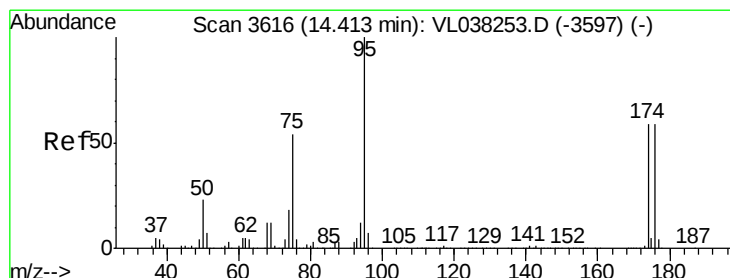
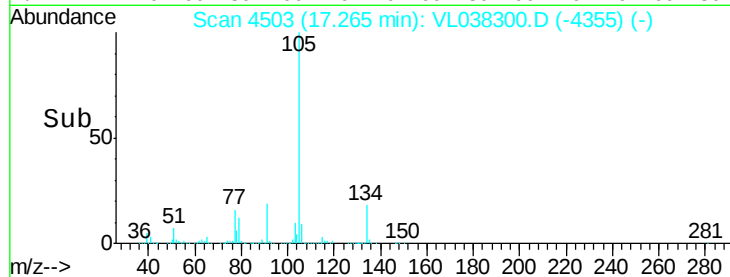
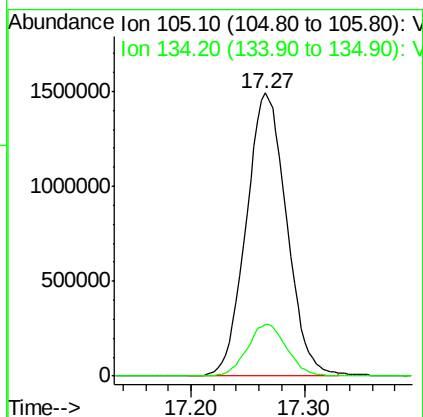
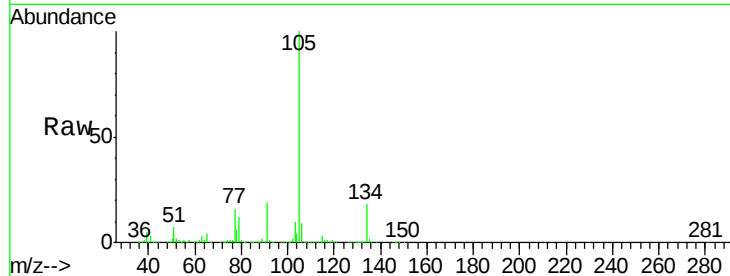
Tgt Ion: 91 Resp: 150839
 Ion Ratio Lower Upper
 91 100
 126 15.8 12.6 18.8
 128 5.6 4.3 6.5





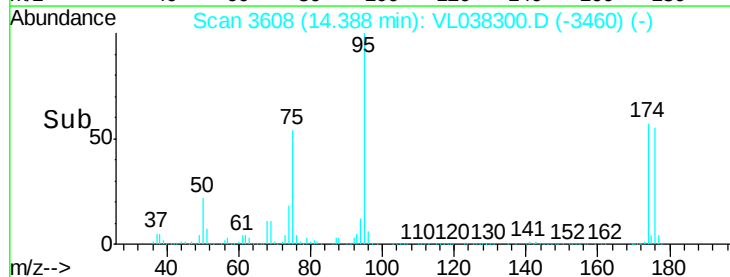
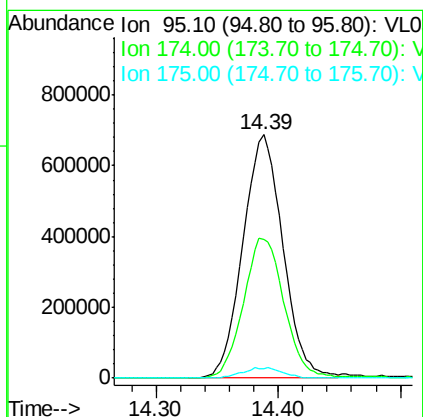
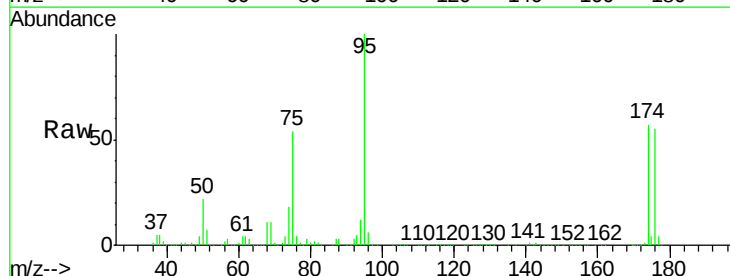
#67
 sec-Butylbenzene
 Concen: 8.190 ppbv
 RT: 17.27
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId : VL0127ABS02
 Acq: 27 Jan 2022 17:28

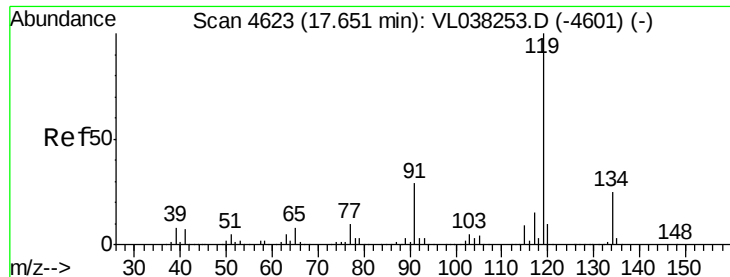
Tgt Ion: 105 Resp: 3692095
 Ion Ratio Lower Upper
 105 100
 134 17.9 14.3 21.5



#68
 1-Bromo-4-Fluorobenzene
 Concen: 8.117 ppbv
 RT: 14.39 min Scan# 3608
 Delta R.T. -0.03 min
 Lab File: VL038300.D
 Acq: 27 Jan 2022 17:26

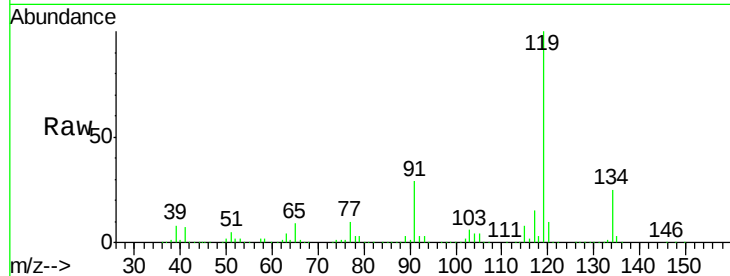
Tgt Ion: 95 Resp: 1559025
 Ion Ratio Lower Upper
 95 100
 174 59.5 48.3 72.5
 175 4.4 3.5 5.3



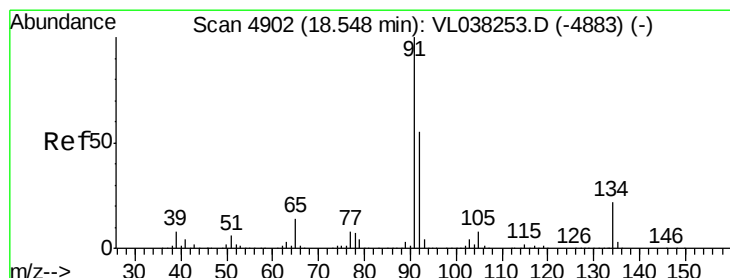
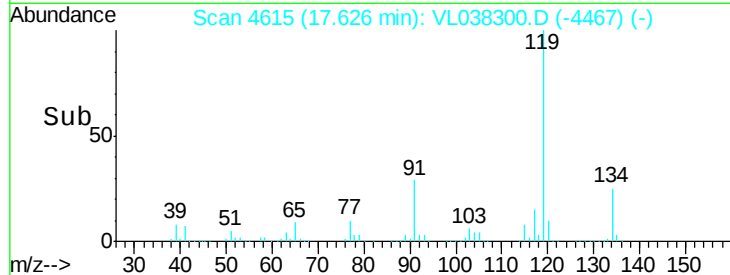
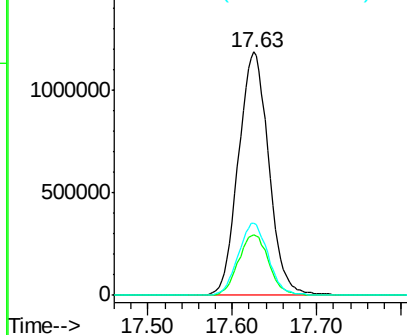


#69
 p-Isopropyltoluene
 Concen: 8.604 ppbv
 RT: 17.63 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId : VL0127ABS02
 Acq: 27 Jan 2022 17:26

Tgt Ion: 119 Resp: 2967969
 Ion Ratio Lower Upper
 119 100
 134 25.0 20.2 30.2
 91 29.5 23.2 34.8

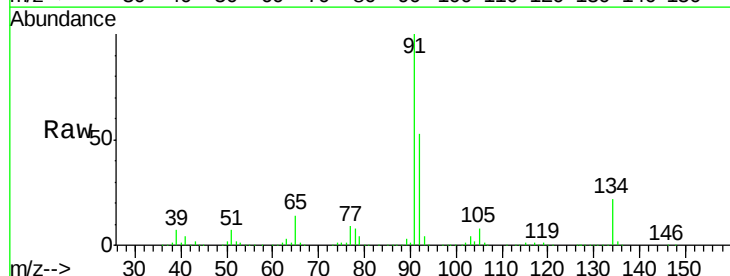


Abundance Ion 119.10 (118.80 to 119.80): V
 Ion 134.20 (133.90 to 134.90): V
 Ion 91.10 (90.80 to 91.80): V

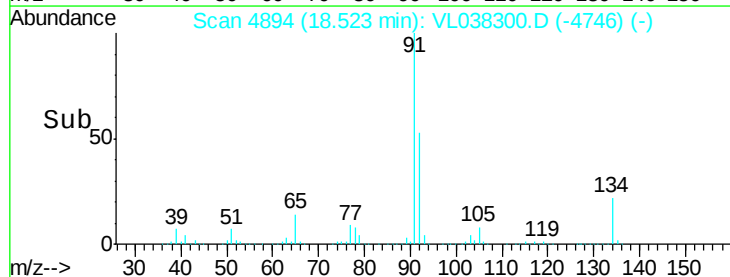
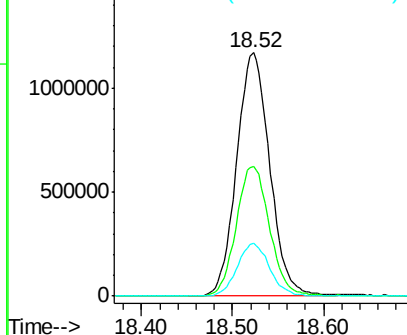


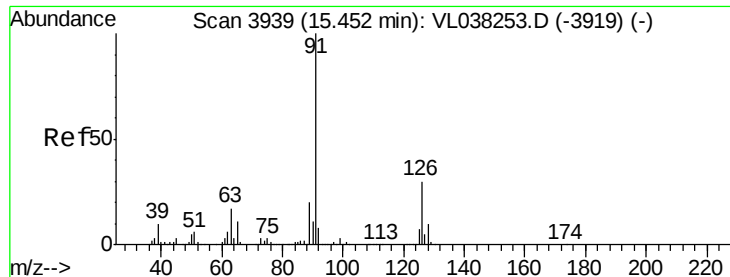
#70
 n-Butylbenzene
 Concen: 8.781 ppbv
 RT: 18.52 min Scan# 4894
 Delta R.T. -0.03 min
 Lab File: VL038300.D
 Acq: 27 Jan 2022 17:26

Tgt Ion: 91 Resp: 2966940
 Ion Ratio Lower Upper
 91 100
 92 53.7 43.4 65.0
 134 21.4 17.3 25.9



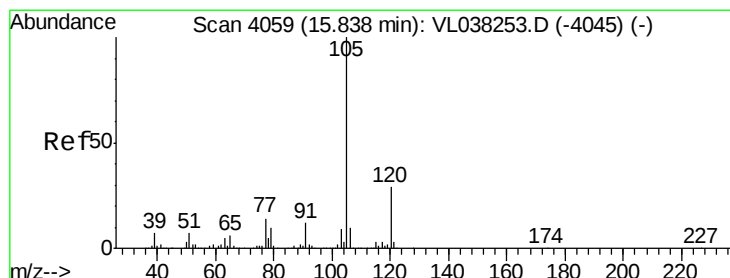
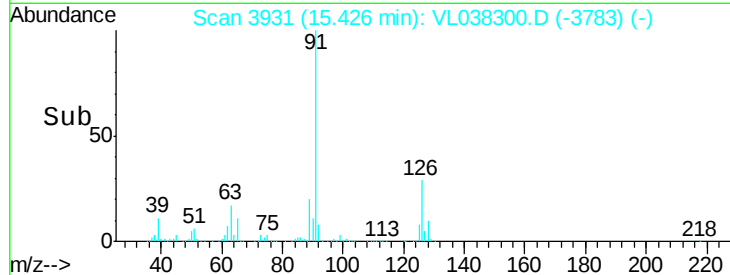
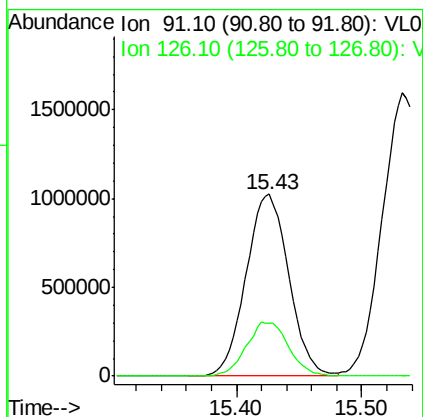
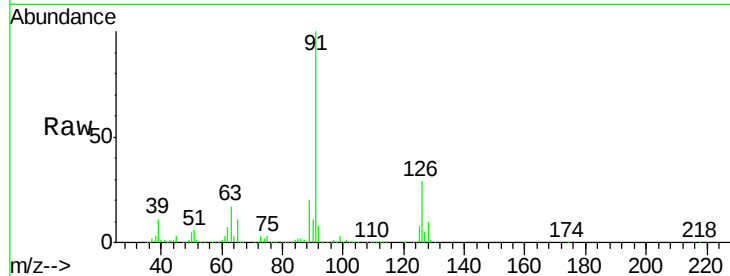
Abundance Ion 91.10 (90.80 to 91.80): VL0
 Ion 92.10 (91.80 to 92.80): VL0
 Ion 134.20 (133.90 to 134.90): V





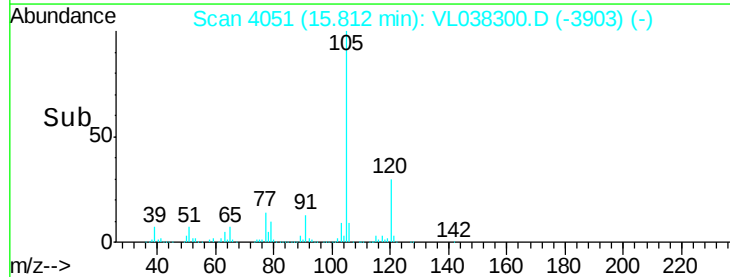
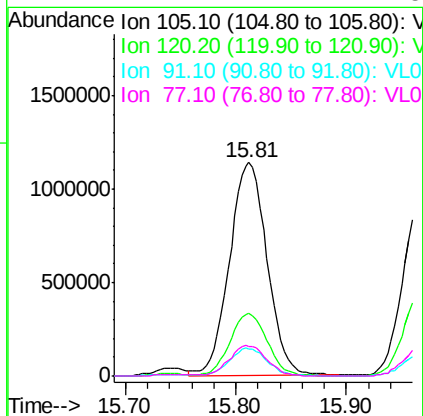
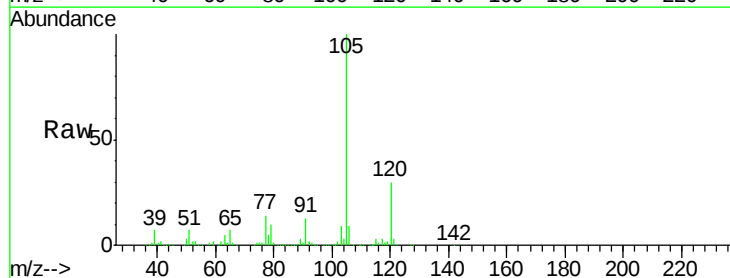
#71
 2-Chlorotoluene
 Concen: 8.343 ppbv
 RT: 15.43 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId : VL0127ABS02
 Acq: 27 Jan 2022 17:26

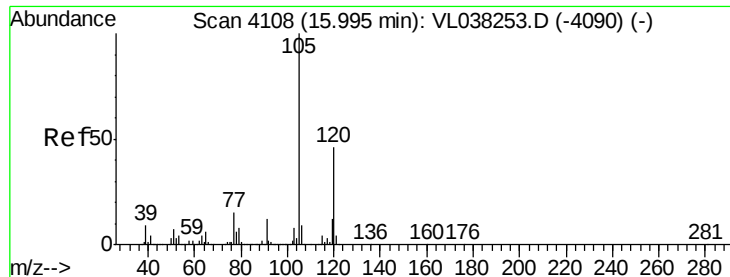
Tgt Ion: 91 Resp: 2431173
 Ion Ratio Lower Upper
 91 100
 126 29.6 12.1 48.5



#72
 4-Ethyltoluene
 Concen: 8.723 ppbv
 RT: 15.81 min Scan# 4051
 Delta R.T. -0.03 min
 Lab File: VL038300.D
 Acq: 27 Jan 2022 17:26

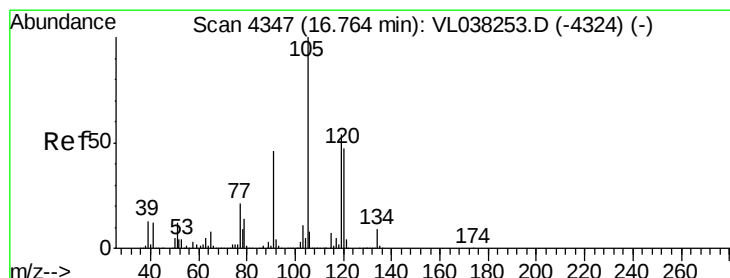
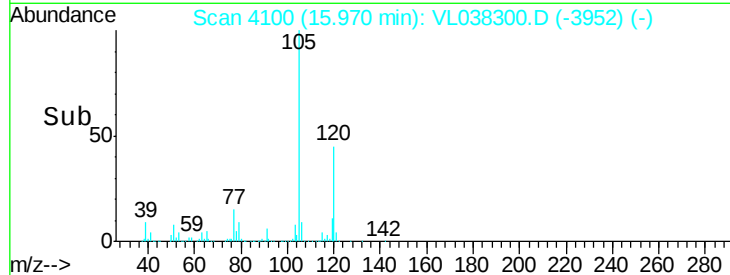
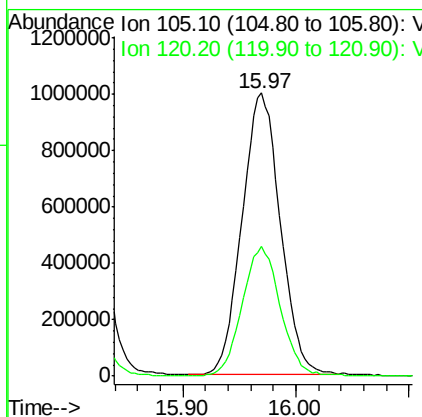
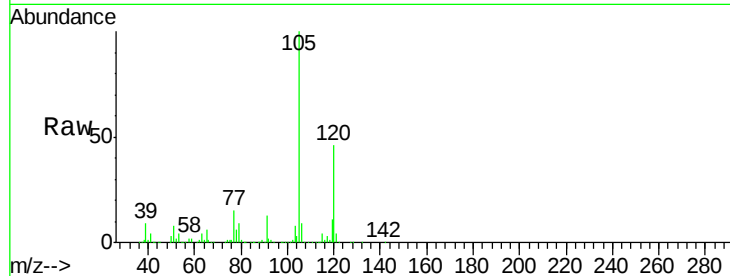
Tgt Ion: 105 Resp: 2692050
 Ion Ratio Lower Upper
 105 100
 120 29.3 23.8 35.8
 91 13.0 10.2 15.4
 77 14.4 11.7 17.5





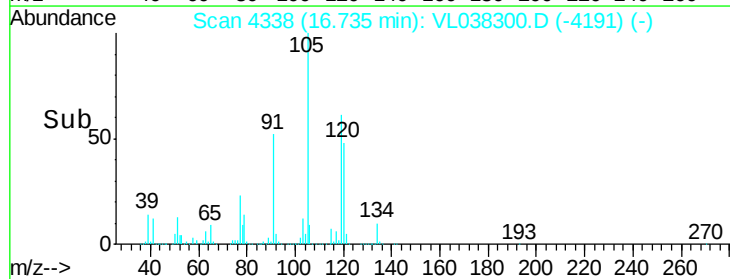
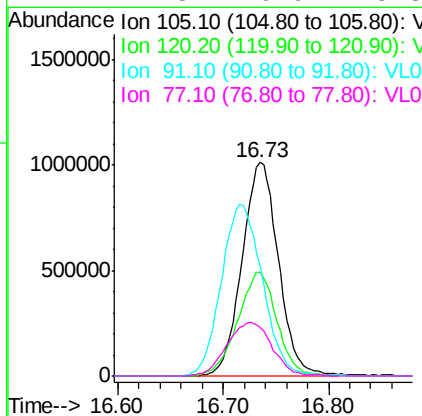
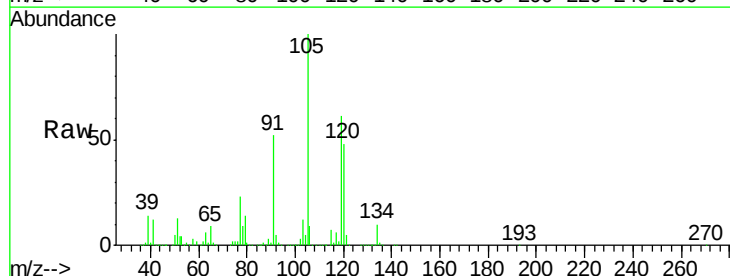
#73
 1,3,5-Trimethylbenzene
 Concen: 8.475 ppbv
 RT: 15.97 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId : VL0127ABS02
 Acq: 27 Jan 2022 17:26

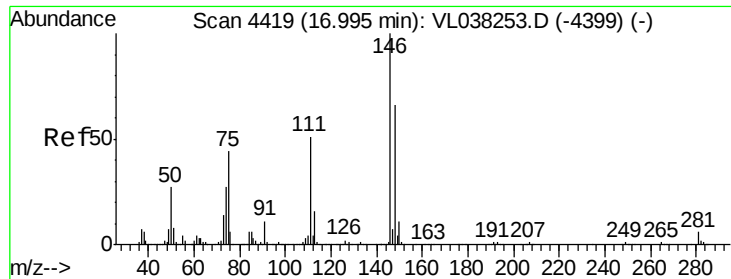
Tgt Ion:105 Resp: 2352189
 Ion Ratio Lower Upper
 105 100
 120 46.1 36.6 55.0



#74
 1,2,4-Trimethylbenzene
 Concen: 8.284 ppbv
 RT: 16.73 min Scan# 4338
 Delta R.T. -0.03 min
 Lab File: VL038300.D
 Acq: 27 Jan 2022 17:26

Tgt Ion:105 Resp: 2422175
 Ion Ratio Lower Upper
 105 100
 120 48.2 37.2 55.8
 91 51.3 36.6 55.0
 77 22.8 16.9 25.3





#75

1,3-Dichlorobenzene

Concen: 8.561 ppbv

RT: 16.97

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 27 Jan 2022 17:20

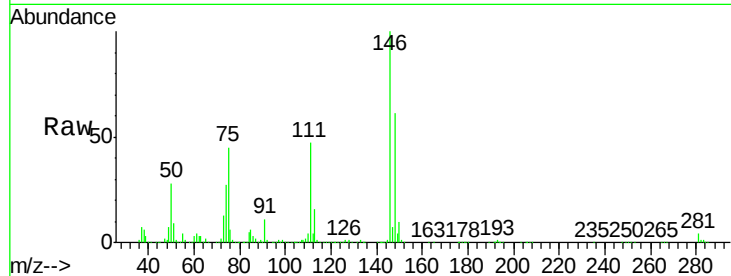
Tgt Ion:146 Resp: 1343250

Ion Ratio Lower Upper

146 100

111 48.7 24.1 72.4

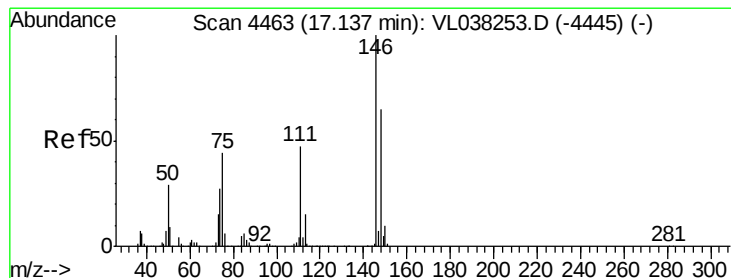
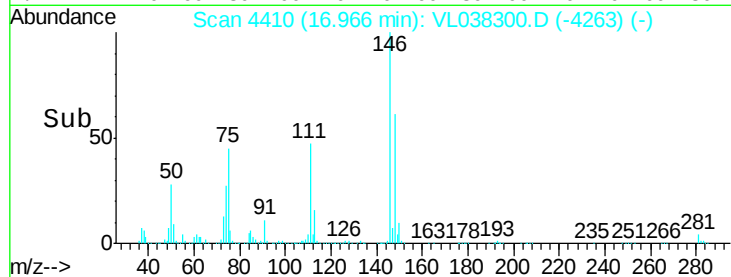
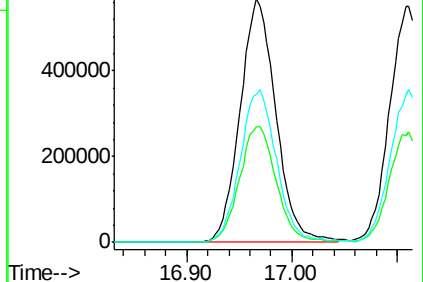
148 63.7 32.1 96.5



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: 8.581 ppbv

RT: 17.11 min Scan# 4454

Delta R.T. -0.03 min

Lab File: VL038300.D

Acq: 27 Jan 2022 17:26

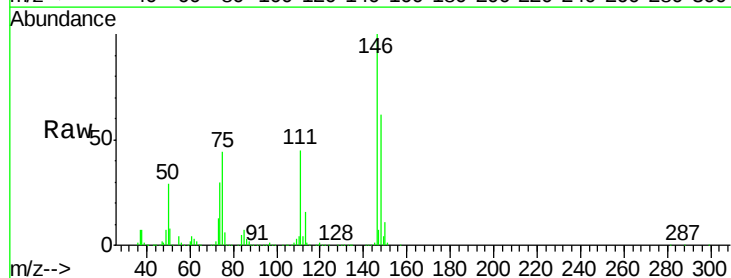
Tgt Ion:146 Resp: 1303559

Ion Ratio Lower Upper

146 100

111 47.8 23.2 69.6

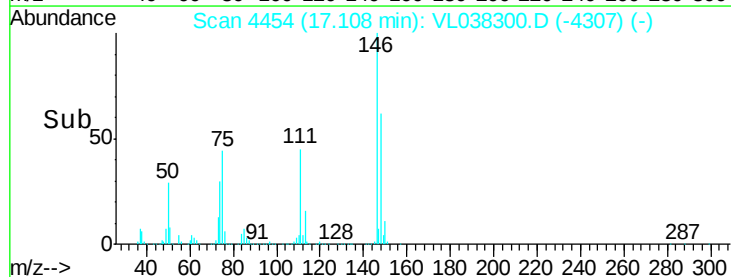
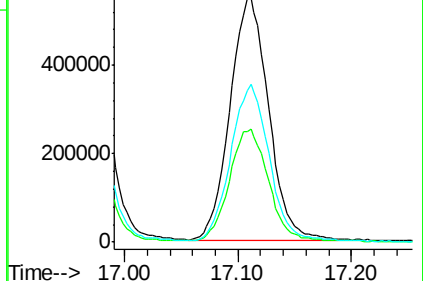
148 65.3 32.4 97.0

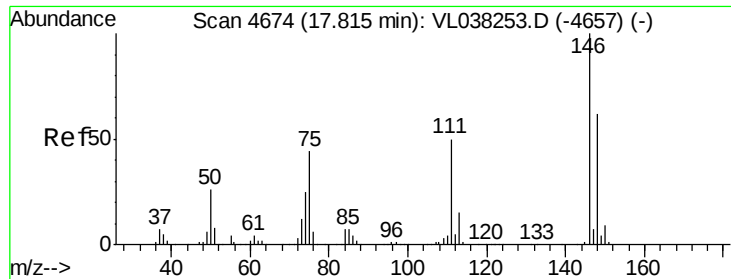


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.10 (110.80 to 111.80): V

Ion 148.00 (147.70 to 148.70): V





#77

1,2-Dichlorobenzene

Concen: 8.443 ppbv

RT: 17.79

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 27 Jan 2022 17:26

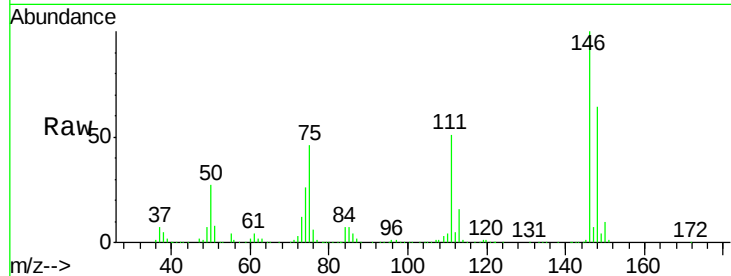
Tgt Ion:146 Resp: 1230375

Ion Ratio Lower Upper

146 100

111 50.3 25.2 75.6

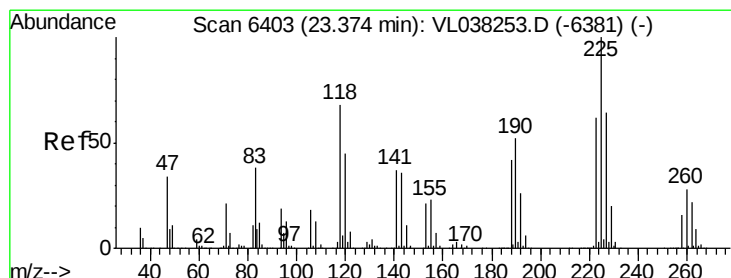
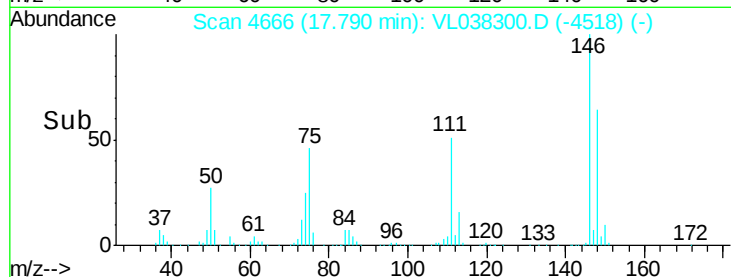
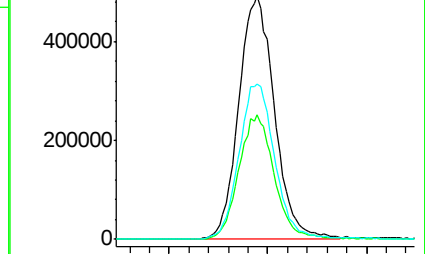
148 64.1 32.6 97.8



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: 6.237 ppbv

RT: 23.35 min Scan# 6395

Delta R.T. -0.03 min

Lab File: VL038300.D

Acq: 27 Jan 2022 17:26

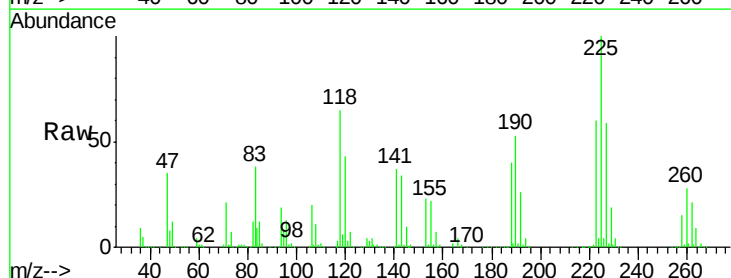
Tgt Ion:225 Resp: 631982

Ion Ratio Lower Upper

225 100

223 65.0 51.7 77.5

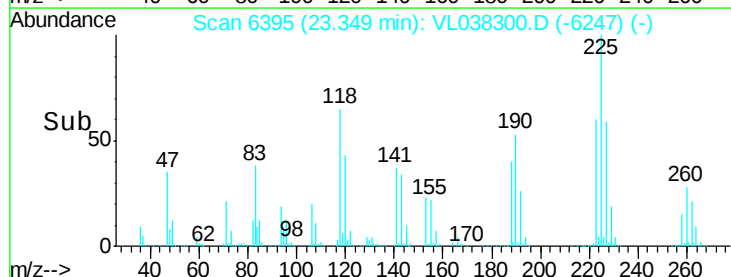
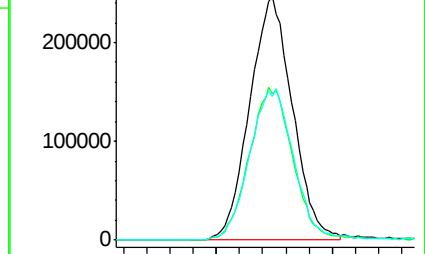
227 65.5 51.4 77.0

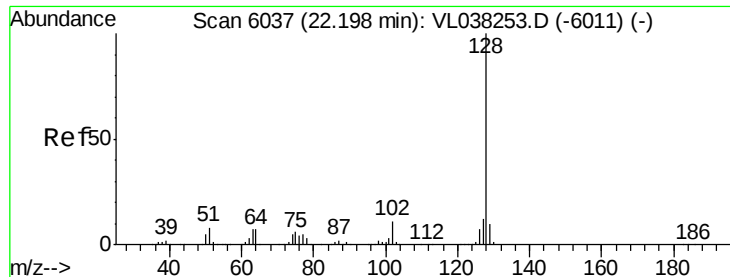


Abundance Ion 224.90 (224.60 to 225.60): V

Ion 222.90 (222.60 to 223.60): V

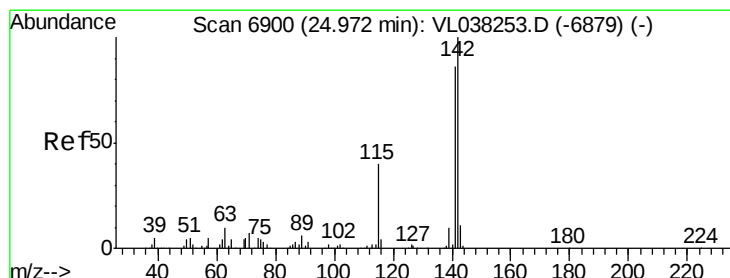
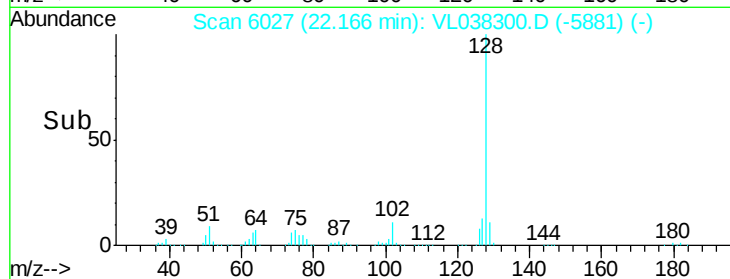
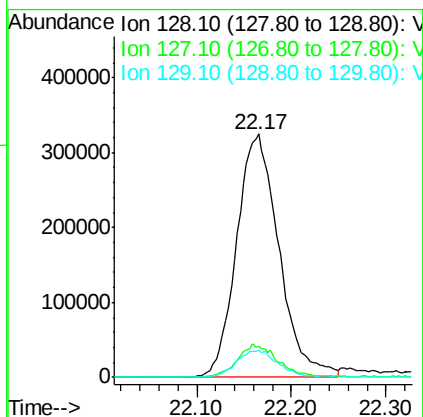
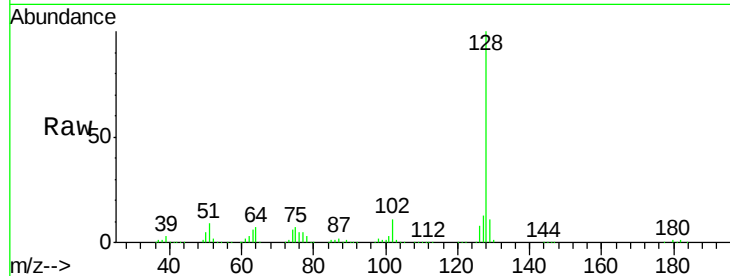
Ion 226.90 (226.60 to 227.60): V





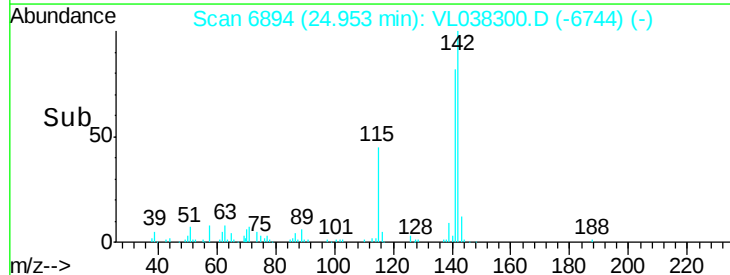
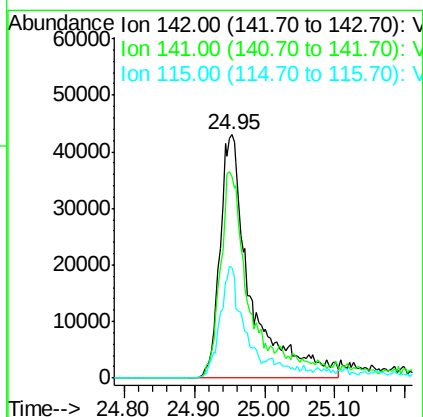
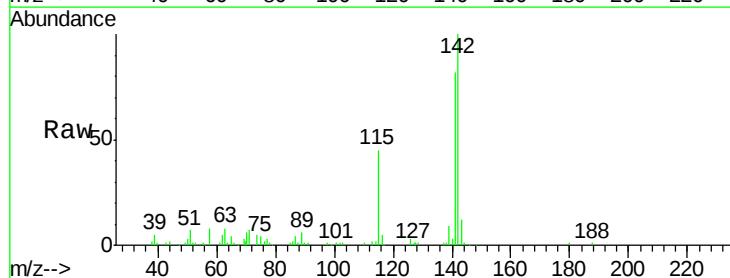
#79
Naphthalene
Concen: 7.374 ppbv
RT: 22.17 min
Delta R.T. MSVOA_L
Lab File: ClientSampleId : VL0127ABS02
Acq: 27 Jan 2022 17:26

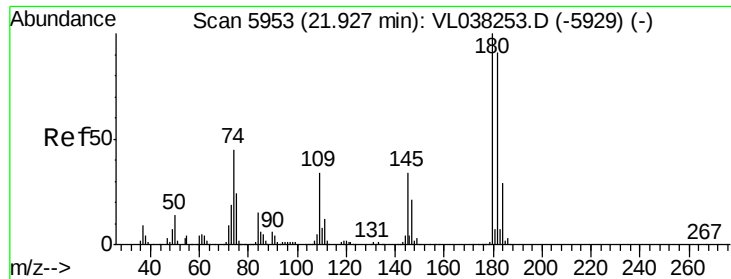
Tgt Ion:128 Resp: 1008091
Ion Ratio Lower Upper
128 100
127 12.5 9.7 14.5
129 11.4 8.1 12.1



#80
Naphthalene, 2-methyl-
Concen: 8.855 ppbv
RT: 24.95 min Scan# 6894
Delta R.T. -0.02 min
Lab File: VL038300.D
Acq: 27 Jan 2022 17:26

Tgt Ion:142 Resp: 131652
Ion Ratio Lower Upper
142 100
141 85.5 70.2 105.4
115 38.7 31.8 47.6





#81
 1,2,4-Trichlorobenzene
 Concen: 6.781 ppbv
 RT: 21.89
 Delta R.T: MSVOA_L
 Lab File: ClientSampleId :
 VL0127ABS02
 Acq: 27 Jan 2022 17.28

Tgt Ion	Ratio	Lower	Upper
180	100		
182	103.0	77.7	116.5
184	32.4	24.4	36.6

