

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL012622\
 Data File : VL038286.D
 Acq On : 26 Jan 2022 12:54
 Operator : SY/AP
 Sample : VL0126ABS01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0126ABS01

Quant Time: Jan 27 02:53:43 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	844125	10.00	ppbv	-0.03
33) 1,4-Difluorobenzene	7.15	114	2229401	10.00	ppbv	-0.03
55) Chlorobenzene-d5	12.06	117	2554860	10.00	ppbv	-0.03

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.38	95	1610340	8.30	ppbv	-0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	83.00%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	3.04	85	1793994	9.984	ppbv 99
3) Chlorodifluoromethane	2.98	51	1525200	9.076	ppbv 99
4) Chloromethane	3.13	50	509263	8.809	ppbv 100
5) Vinyl Chloride	3.25	62	525834	9.113	ppbv 95
6) Bromomethane	3.47	94	297689	9.543	ppbv 99
7) Chloroethane	3.55	64	184278	9.455	ppbv 97
8) Dichlorotetrafluoroethane	3.18	85	1299684	9.347	ppbv 98
9) Propene	3.01	41	502745	9.190	ppbv 98
10) Heptane	8.10	43	1304960	9.272	ppbv 99
11) Trichlorofluoromethane	3.94	101	1276188	9.116	ppbv 98
12) 1,1,2-Trichlorotrifluoroet	4.47	101	950559	8.983	ppbv 98
13) Ethanol	3.59	45	50566	8.611	ppbv 91
14) Bromoethene	3.73	108	377365	9.126	ppbv 97
15) Acetone	3.83	43	635188	8.536	ppbv 99
16) 1,3-Butadiene	3.32	39	503027	9.420	ppbv 98
17) tert-Butyl alcohol	4.27	59	684570	8.382	ppbv 99
18) 1,1-Dichloroethene	4.28	96	423135	9.195	ppbv 96
19) Isopropyl Alcohol	3.95	45	391671	8.414	ppbv 99
20) Methylene Chloride	4.33	84	347761	8.035	ppbv 96
21) Allyl Chloride	4.40	41	625793	9.505	ppbv 98
22) trans-1,2-Dichloroethene	4.87	96	447326	9.408	ppbv 100
23) Vinyl Acetate	5.05	43	968919	8.956	ppbv 99
24) 1,1-Dichloroethane	5.00	63	886096	9.193	ppbv 99
25) Ethyl Acetate	5.66	43	2023251	9.711	ppbv 100
26) Hexane	5.67	57	922876	9.524	ppbv 99
27) Carbon Disulfide	4.54	76	1075679	9.488	ppbv 100
28) Methyl tert-Butyl Ether	5.01	73	935111	9.302	ppbv 100
29) Chloroform	5.73	83	1502724	9.500	ppbv 99
30) Cyclohexane	7.11	84	795567	9.429	ppbv 100
31) cis-1,2-Dichloroethene	5.53	61	924837	10.941	ppbv 97
32) 1,1,1-Trichloroethane	6.49	97	1490944	9.437	ppbv 99
34) 2-Butanone	5.22	43	672067	9.218	ppbv 99
35) Carbon Tetrachloride	7.00	117	1550372	9.907	ppbv 100
36) Benzene	6.87	78	1967057	9.975	ppbv 99
37) 1,2-Dichloroethane	6.29	62	1145477	10.141	ppbv 99
38) Trichloroethene	7.81	130	693071	9.435	ppbv 96
39) 1,2-Dichloropropane	7.59	63	776944	9.718	ppbv 98
40) 1,4-Dioxane	7.81	88	189989	9.873	ppbv 78
41) Tetrahydrofuran	6.03	42	493060	10.060	ppbv 99
42) Bromodichloromethane	7.77	83	1671860	9.977	ppbv 99
43) Methyl Methacrylate	7.99	69	736211	10.555	ppbv 98

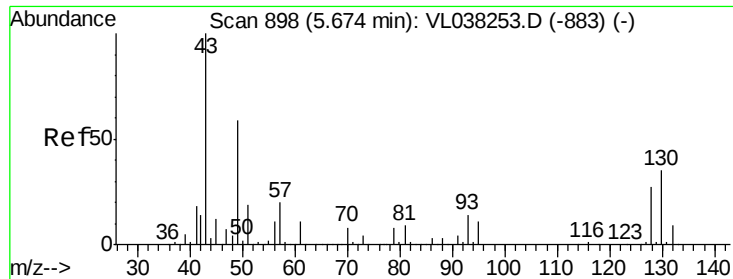
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL012622\
 Data File : VL038286.D
 Acq On : 26 Jan 2022 12:54
 Operator : SY/AP
 Sample : VL0126ABS01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
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Quant Time: Jan 27 02:53:43 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	7.84	57	3304161	9.508	ppbv	99
45) t-1,3-Dichloropropene	9.25	75	655444	11.566	ppbv	98
46) cis-1,3-Dichloropropene	8.68	75	810207	10.715	ppbv	98
47) 1,1,2-Trichloroethane	9.45	97	786136	10.007	ppbv	99
48) Dibromochloromethane	10.27	129	1365127	10.322	ppbv	100
49) Bromoform	13.01	173	1044313	10.953	ppbv	100
50) 4-Methyl-2-Pentanone	8.72	43	1335277	10.267	ppbv	99
51) 2-Hexanone	10.11	43	584674	10.207	ppbv #	98
52) Tetrachloroethene	11.20	164	638918	9.401	ppbv	99
53) Toluene	9.78	91	2220787	10.174	ppbv	100
54) 1,2-Dibromoethane	10.58	107	1164757	10.429	ppbv	98
56) 1,1,1,2-Tetrachloroethane	12.10	131	881981	7.887	ppbv	98
57) Chlorobenzene	12.12	112	1591253	7.783	ppbv	100
58) Ethyl Benzene	12.68	91	2976078	7.926	ppbv	98
59) m/p-Xylene	12.97	91	2553622	7.971	ppbv #	37
60) o-Xylene	13.66	91	2366027	7.941	ppbv	99
61) Styrene	13.50	104	1248158	8.976	ppbv	99
62) Isopropylbenzene	14.64	105	3150832	7.933	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.64	83	1710458	7.759	ppbv	100
64) n-propylbenzene	15.53	120	806743	8.443	ppbv	98
65) tert-Butylbenzene	16.72	119	2661749	8.136	ppbv	100
66) Benzyl Chloride	16.96	91	152415	10.256	ppbv	98
67) sec-Butylbenzene	17.27	105	3731768	8.200	ppbv	99
69) p-Isopropyltoluene	17.62	119	2994230	8.598	ppbv	99
70) n-Butylbenzene	18.52	91	3038320	8.907	ppbv	99
71) 2-Chlorotoluene	15.42	91	2460965	8.365	ppbv	99
72) 4-Ethyltoluene	15.81	105	2684096	8.614	ppbv	100
73) 1,3,5-Trimethylbenzene	15.97	105	2383392	8.506	ppbv	98
74) 1,2,4-Trimethylbenzene	16.73	105	2454599	8.315	ppbv	95
75) 1,3-Dichlorobenzene	16.97	146	1359622	8.583	ppbv	99
76) 1,4-Dichlorobenzene	17.11	146	1322022	8.620	ppbv	98
77) 1,2-Dichlorobenzene	17.79	146	1254401	8.526	ppbv	99
78) Hexachloro-1,3-Butadiene	23.34	225	664311	6.494	ppbv	99
79) Naphthalene	22.15	128	520794	3.773	ppbv	100
80) Naphthalene,2-methyl-	24.95	142	212779	14.177	ppbv	97
81) 1,2,4-Trichlorobenzene	21.88	180	278219	3.427	ppbv #	12

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



#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.65 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: VL0126ABS01

Acq: 26 Jan 2022 12:54

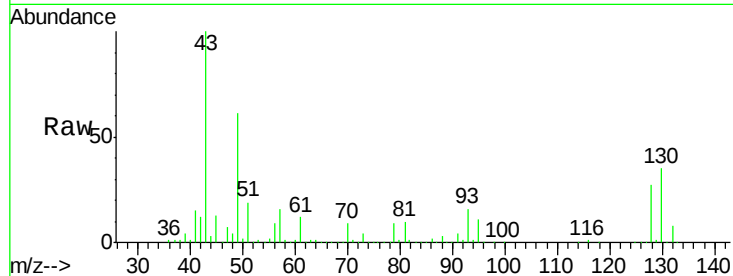
Tgt Ion: 49 Resp: 844125

Ion Ratio Lower Upper

49 100

128 48.2 24.5 73.5

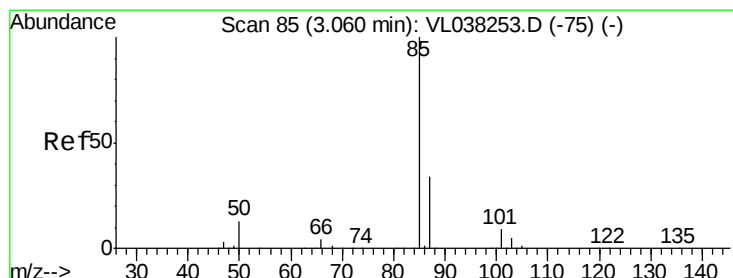
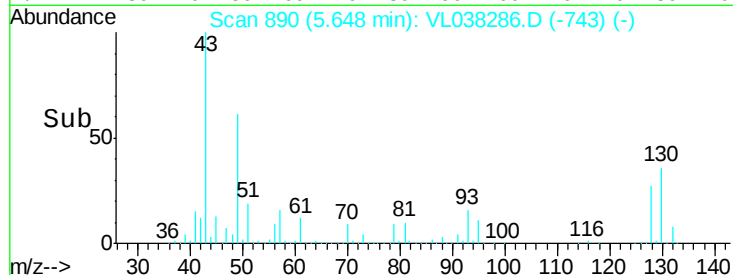
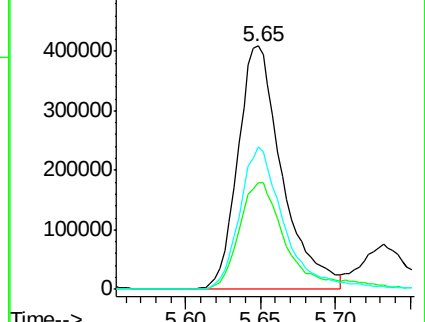
130 59.1 30.1 90.5



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: 9.984 ppbv

RT: 3.04 min Scan# 80

Delta R.T. -0.02 min

Lab File: VL038286.D

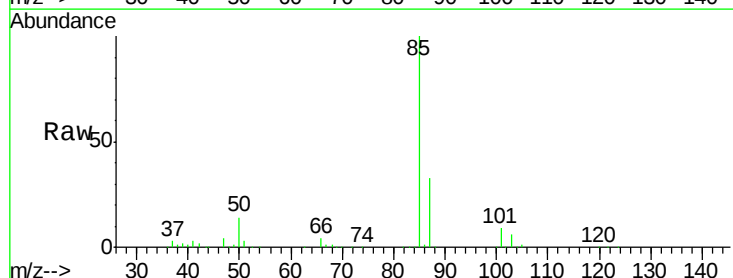
Acq: 26 Jan 2022 12:54

Tgt Ion: 85 Resp: 1793994

Ion Ratio Lower Upper

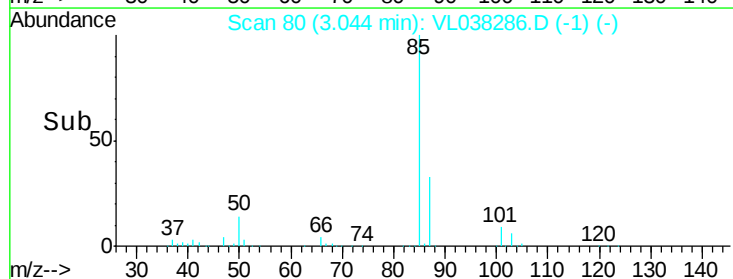
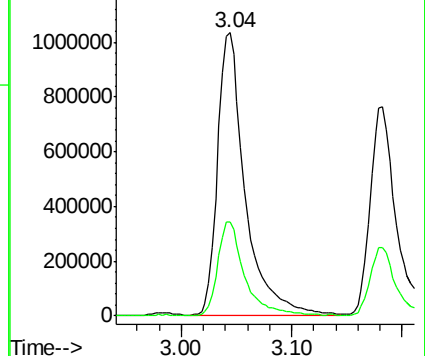
85 100

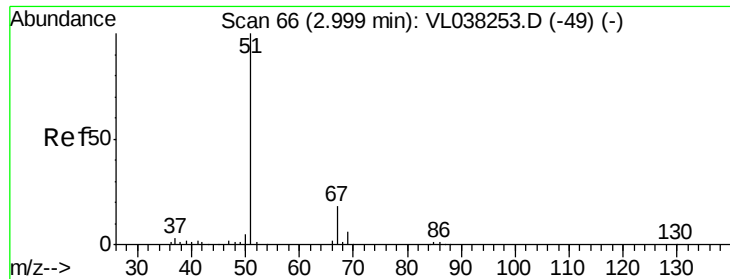
87 33.3 27.0 40.6



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0





#3

Chlorodifluoromethane

Concen: 9.076 ppbv

RT: 2.98 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: VL0126ABS01

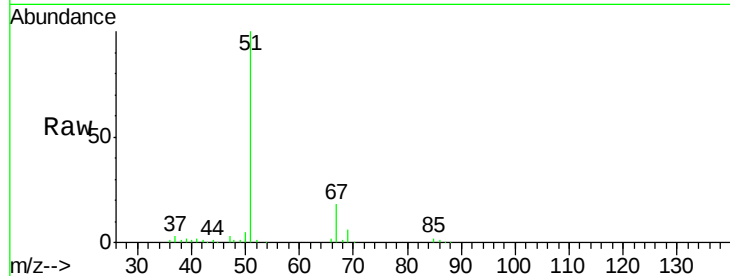
Acq: 26 Jan 2022 12:54

Tgt Ion: 51 Resp: 1525200

Ion Ratio Lower Upper

51 100

67 18.3 14.4 21.6



Abundance Ion 51.00 (50.70 to 51.70): VL0

Ion 67.00 (66.70 to 67.70): VL0

2.98

800000

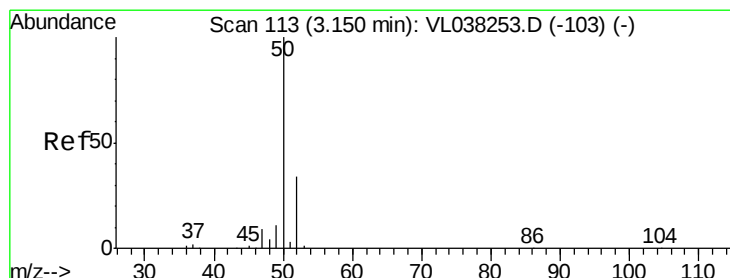
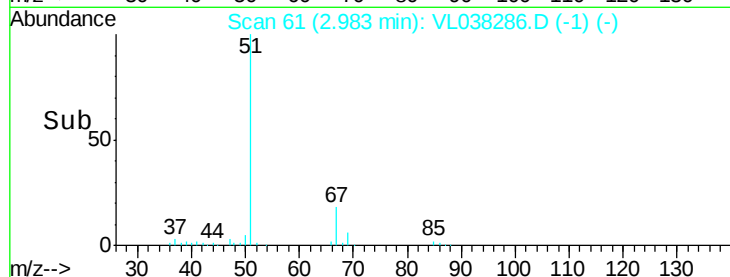
600000

400000

200000

0

Time-->



#4

Chloromethane

Concen: 8.809 ppbv

RT: 3.13 min Scan# 108

Delta R.T. -0.02 min

Lab File: VL038286.D

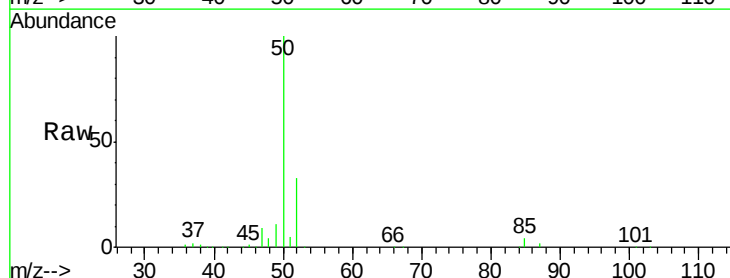
Acq: 26 Jan 2022 12:54

Tgt Ion: 50 Resp: 509263

Ion Ratio Lower Upper

50 100

52 34.0 27.1 40.7



Abundance Ion 50.10 (49.80 to 50.80): VL0

Ion 52.10 (51.80 to 52.80): VL0

3.13

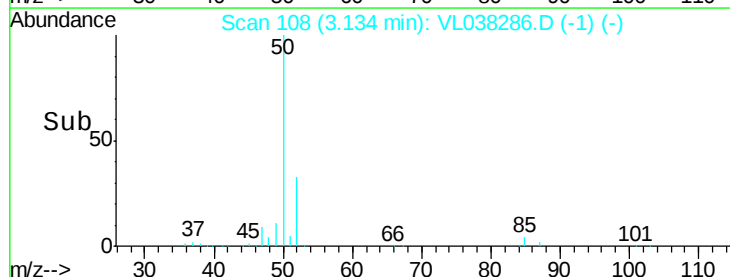
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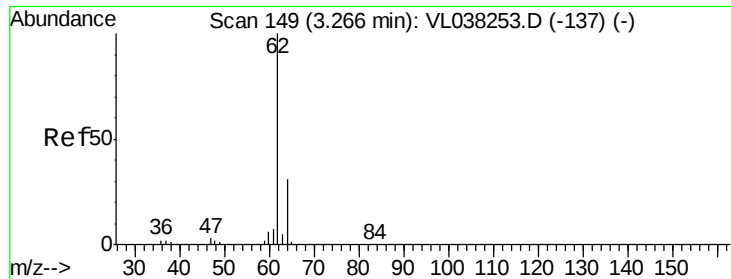
200000

100000

0

Time-->





#5

Vinyl Chloride

Concen: 9.113 ppbv

RT: 3.25 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

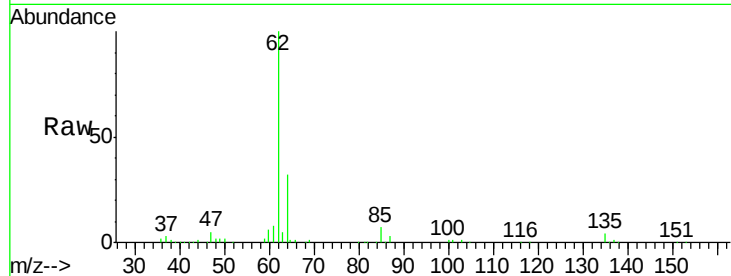
Acq: 26 Jan 2022 12:54 VL0126ABS01

Tgt Ion: 62 Resp: 525834

Ion Ratio Lower Upper

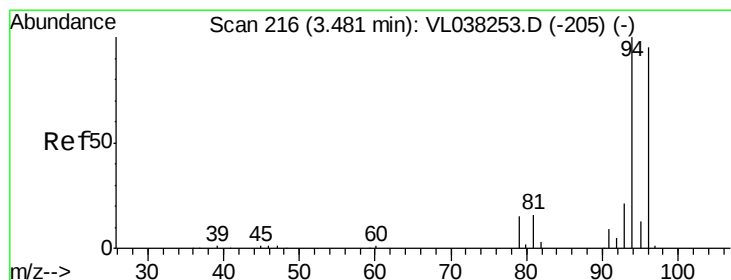
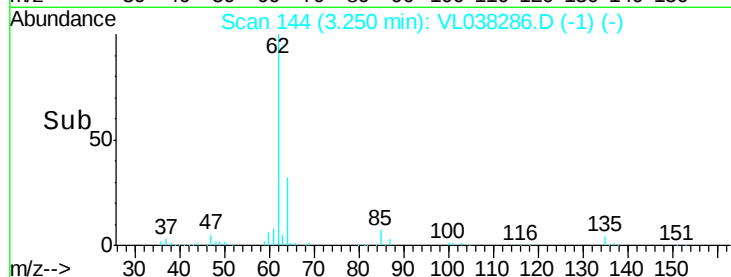
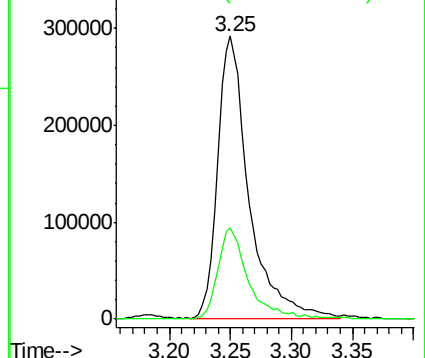
62 100

64 33.0 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: 9.543 ppbv

RT: 3.47 min Scan# 211

Delta R.T. -0.02 min

Lab File: VL038286.D

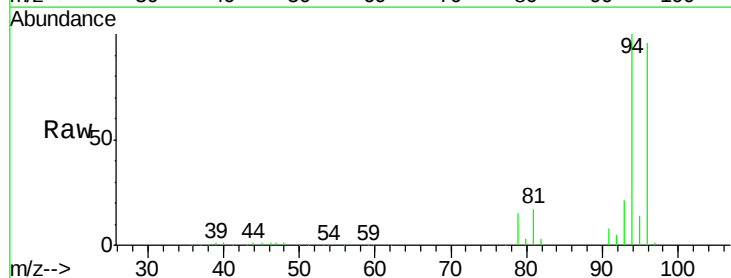
Acq: 26 Jan 2022 12:54

Tgt Ion: 94 Resp: 297689

Ion Ratio Lower Upper

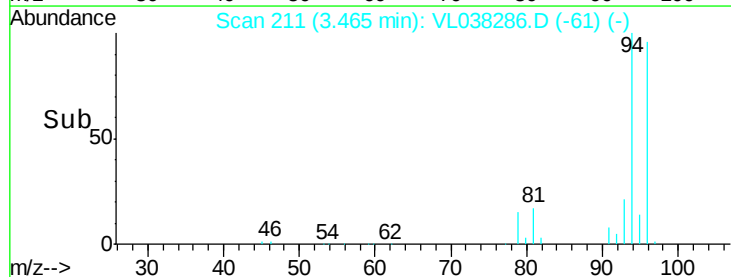
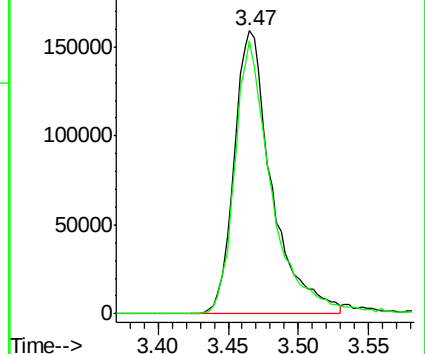
94 100

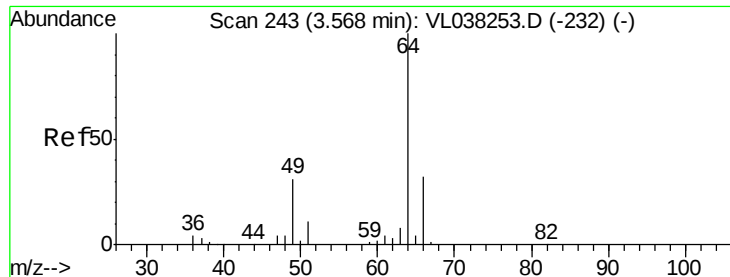
96 96.3 76.0 114.0



Abundance Ion 94.00 (93.70 to 94.70): VL0

Ion 96.00 (95.70 to 96.70): VL0





#7

Chloroethane

Concen: 9.455 ppbv

RT: 3.55 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: VL0126ABS01

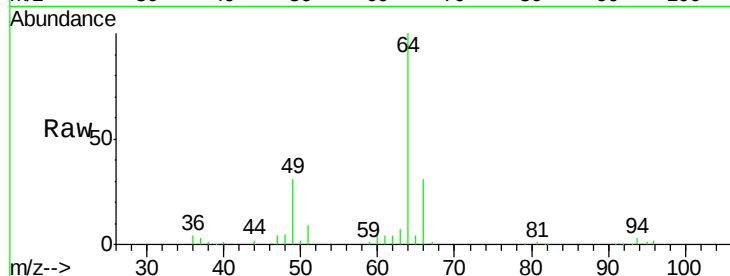
Acq: 26 Jan 2022 12:54

Tgt Ion: 64 Resp: 184278

Ion Ratio Lower Upper

64 100

66 30.7 25.8 38.6



Abundance Ion 64.10 (63.80 to 64.80): VL0

Ion 66.10 (65.80 to 66.80): VL0

3.55

120000

100000

80000

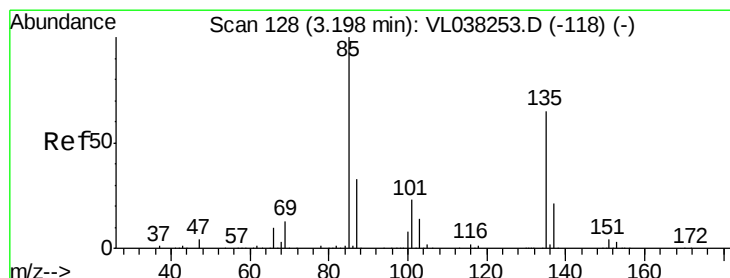
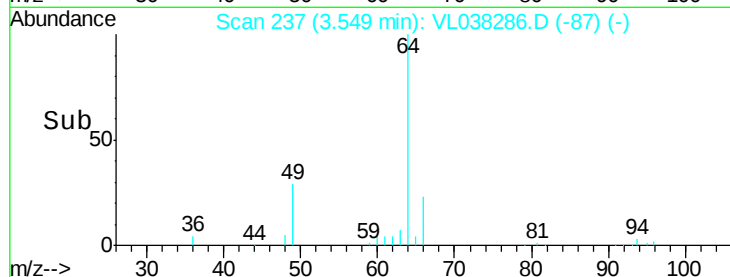
60000

40000

20000

0

Time-->



#8

Dichlorotetrafluoroethane

Concen: 9.347 ppbv

RT: 3.18 min Scan# 123

Delta R.T. -0.02 min

Lab File: VL038286.D

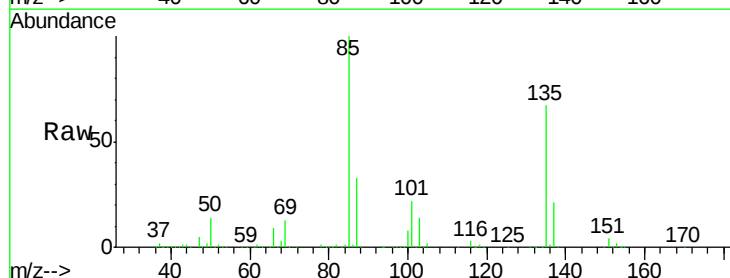
Acq: 26 Jan 2022 12:54

Tgt Ion: 85 Resp: 1299684

Ion Ratio Lower Upper

85 100

135 65.8 53.7 80.5



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 135.00 (134.70 to 135.70): V

3.18

800000

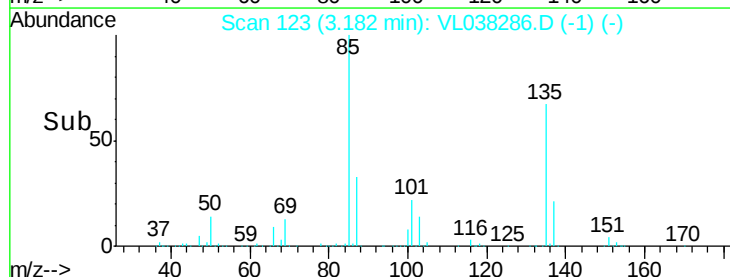
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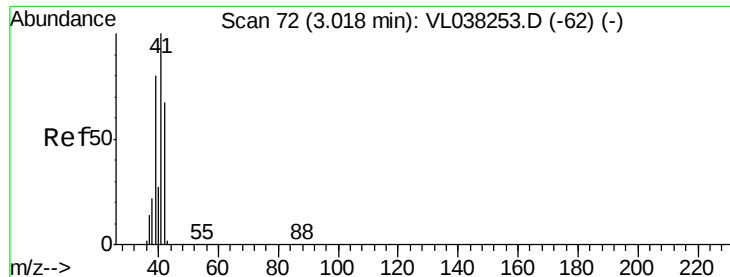
400000

200000

0

Time-->





#9

Propene

Concen: 9.190 ppbv

RT: 3.01 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: VL0126ABS01

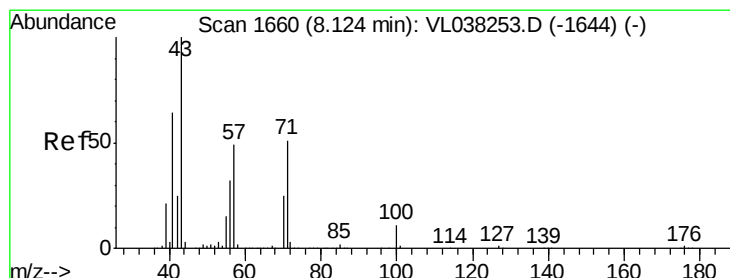
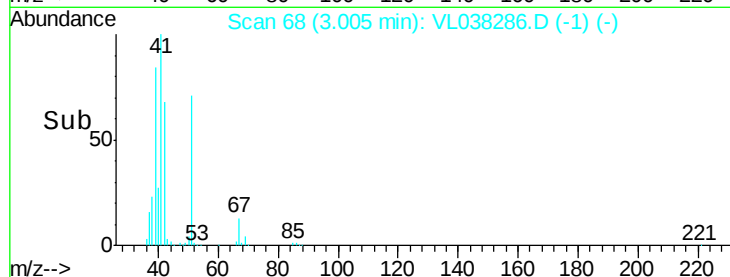
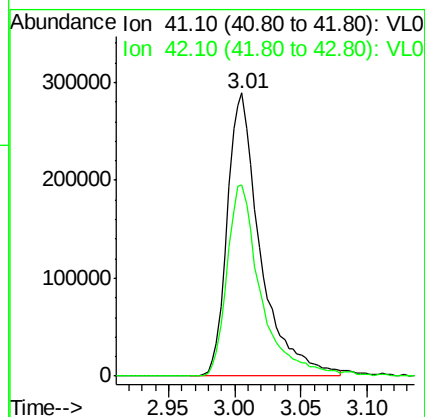
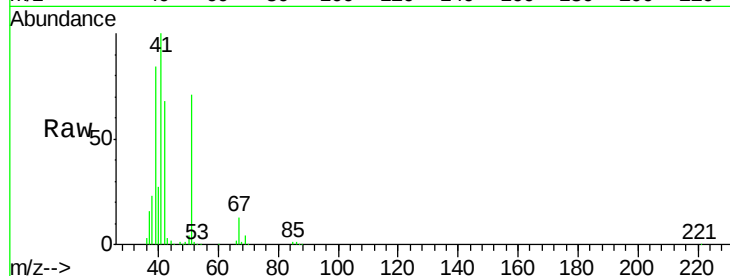
Acq: 26 Jan 2022 12:54

Tgt Ion: 41 Resp: 502745

Ion Ratio Lower Upper

41 100

42 69.9 54.9 82.3



#10

Heptane

Concen: 9.272 ppbv

RT: 8.10 min Scan# 1651

Delta R.T. -0.03 min

Lab File: VL038286.D

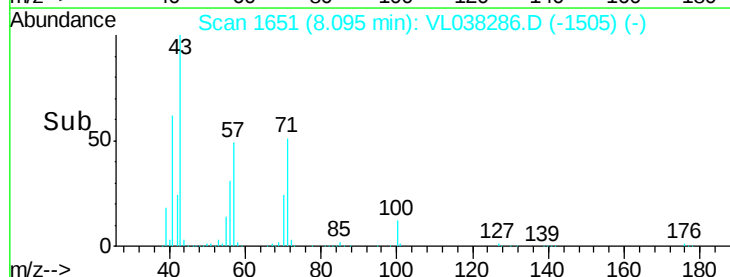
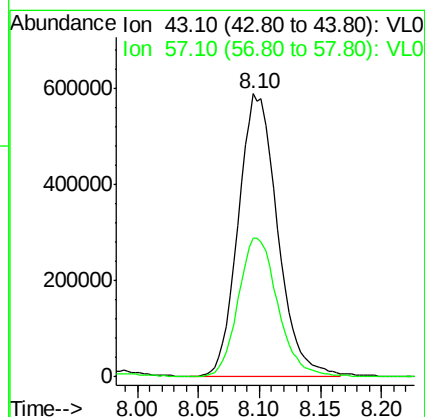
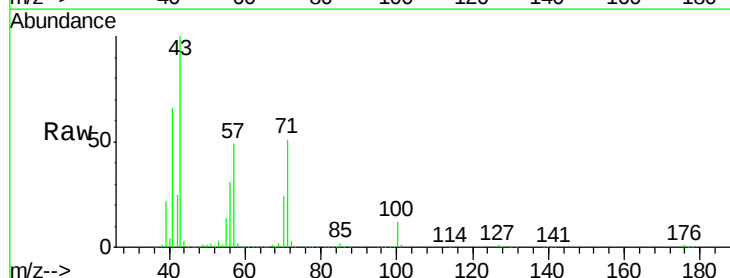
Acq: 26 Jan 2022 12:54

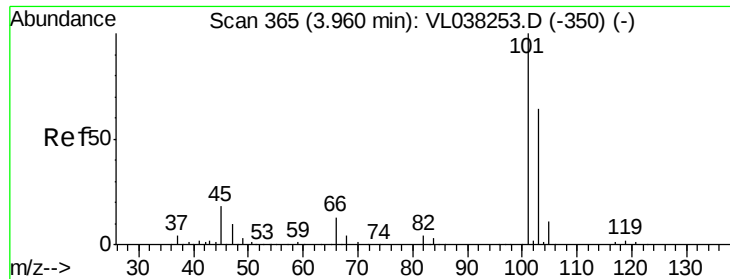
Tgt Ion: 43 Resp: 1304960

Ion Ratio Lower Upper

43 100

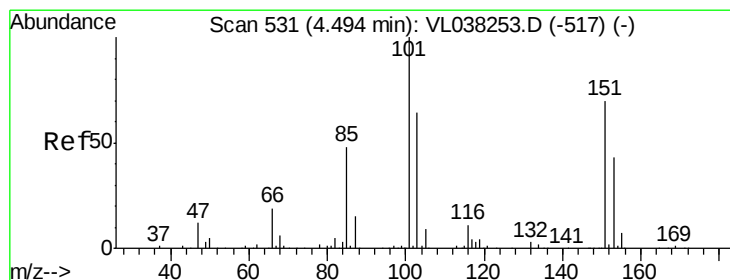
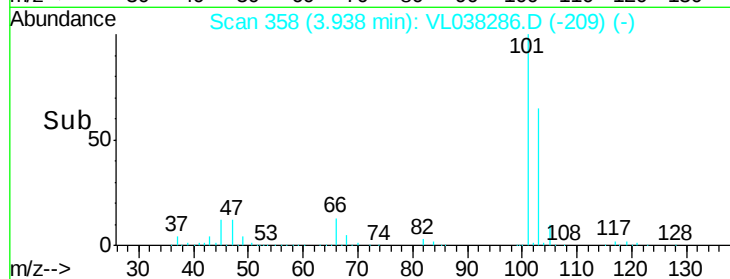
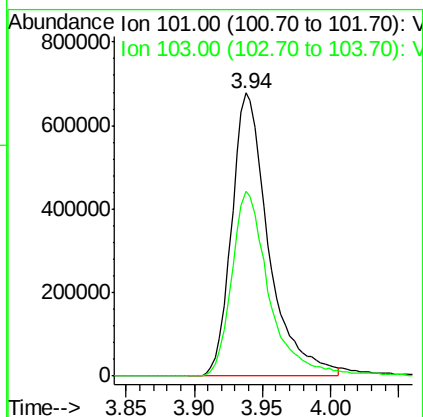
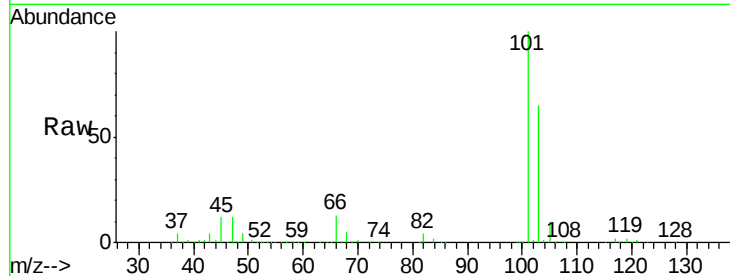
57 50.1 39.5 59.3





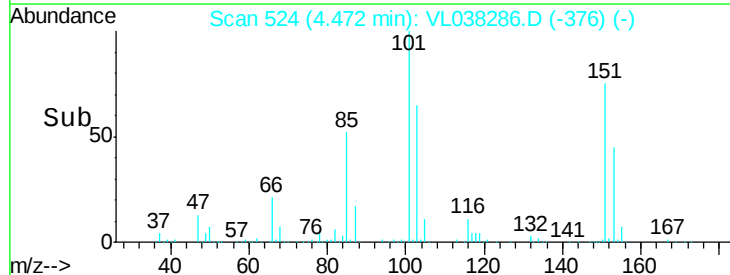
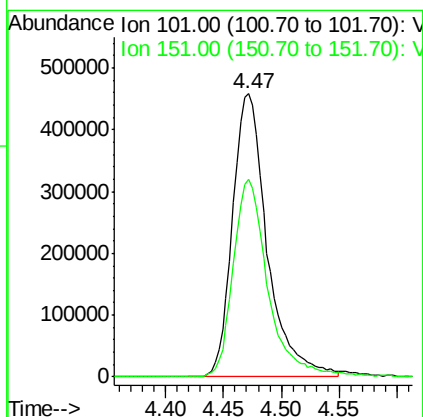
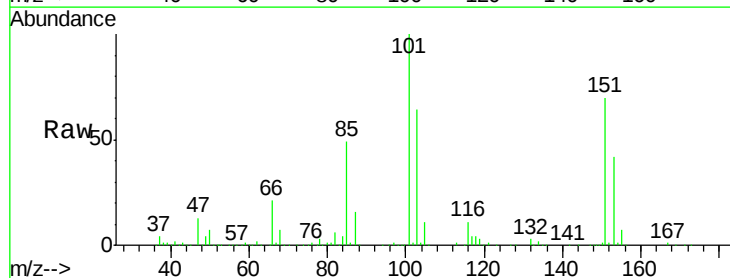
#11
 Trichlorofluoromethane
 Concen: 9.116 ppbv
 RT: 3.94
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VL0126ABS01
 Acq: 26 Jan 2022 12:54

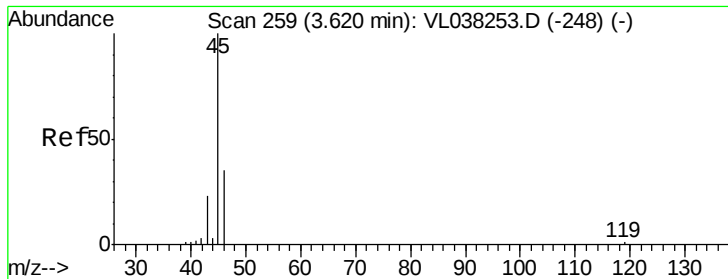
Tgt Ion:101 Resp: 1276188
 Ion Ratio Lower Upper
 101 100
 103 65.3 51.2 76.8



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 8.983 ppbv
 RT: 4.47 min Scan# 524
 Delta R.T. -0.02 min
 Lab File: VL038286.D
 Acq: 26 Jan 2022 12:54

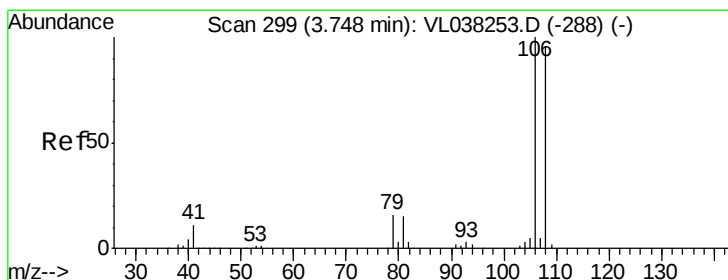
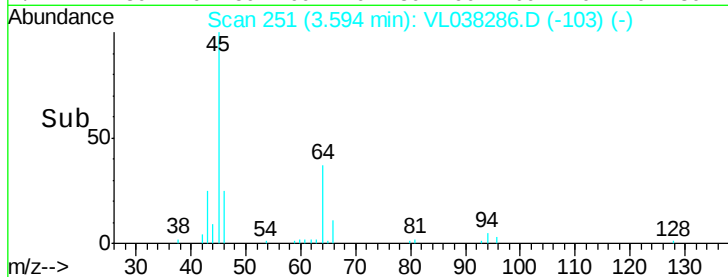
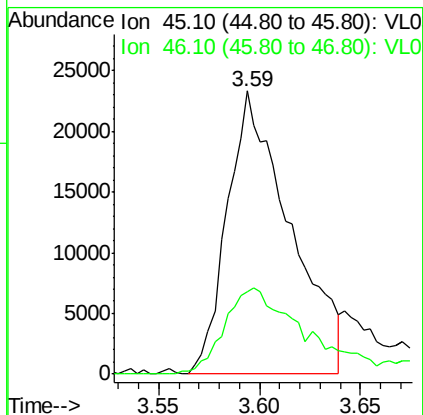
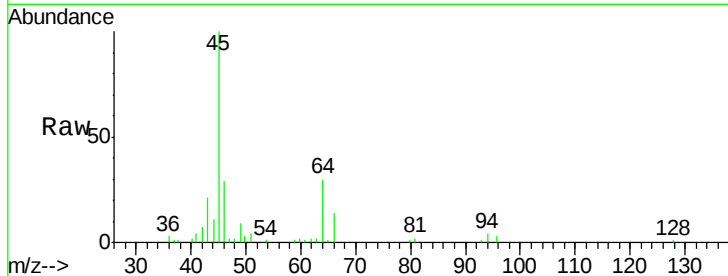
Tgt Ion:101 Resp: 950559
 Ion Ratio Lower Upper
 101 100
 151 70.4 55.3 82.9





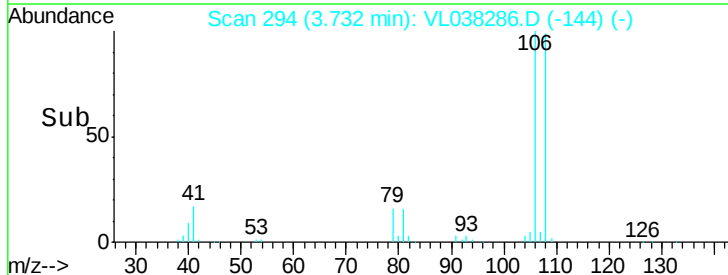
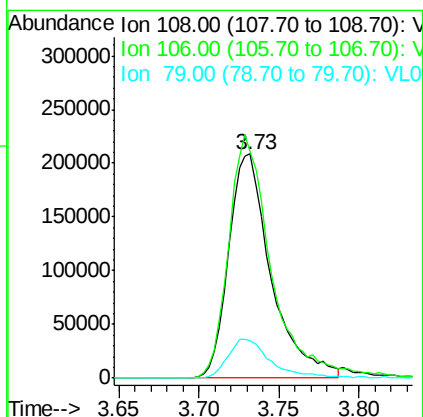
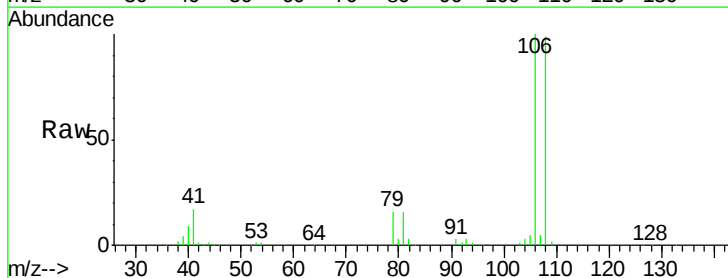
#13
Ethanol
Concen: 8.611 ppbv
RT: 3.59
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
VL0126ABS01
Acq: 26 Jan 2022 12:54

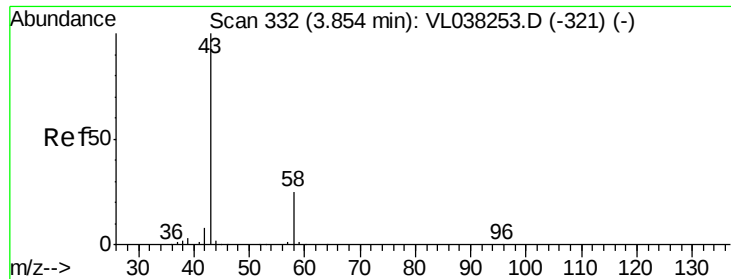
Tgt Ion: 45 Resp: 50566
Ion Ratio Lower Upper
45 100
46 43.7 15.4 61.6



#14
Bromoethene
Concen: 9.126 ppbv
RT: 3.73 min Scan# 294
Delta R.T. -0.02 min
Lab File: VL038286.D
Acq: 26 Jan 2022 12:54

Tgt Ion: 108 Resp: 377365
Ion Ratio Lower Upper
108 100
106 111.3 86.4 129.6
79 18.6 14.1 21.1





#15

Acetone

Concen: 8.536 ppbv

RT: 3.83 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

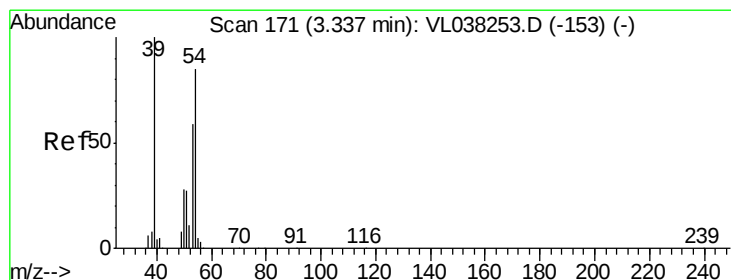
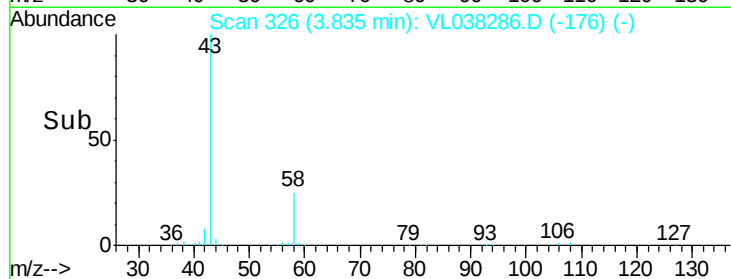
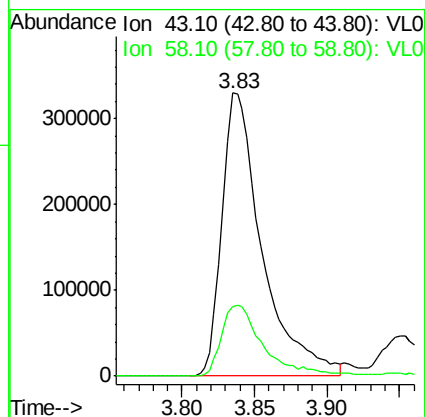
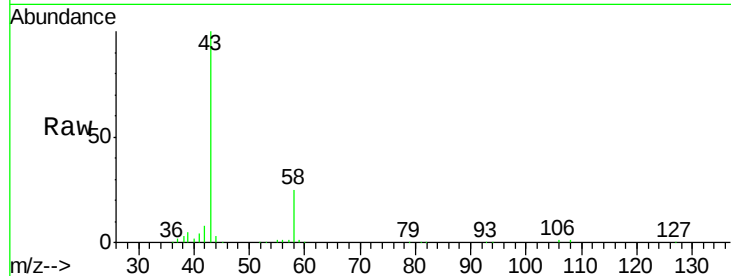
Acq: 26 Jan 2022 12:54 VL0126ABS01

Tgt Ion: 43 Resp: 635188

Ion Ratio Lower Upper

43 100

58 26.2 21.5 32.3



#16

1,3-Butadiene

Concen: 9.420 ppbv

RT: 3.32 min Scan# 166

Delta R.T. -0.02 min

Lab File: VL038286.D

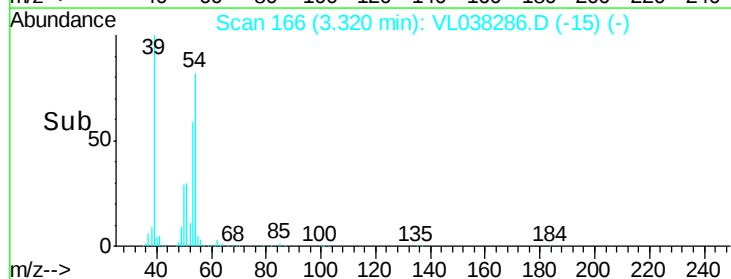
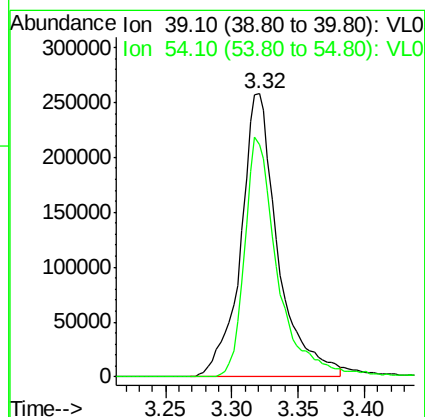
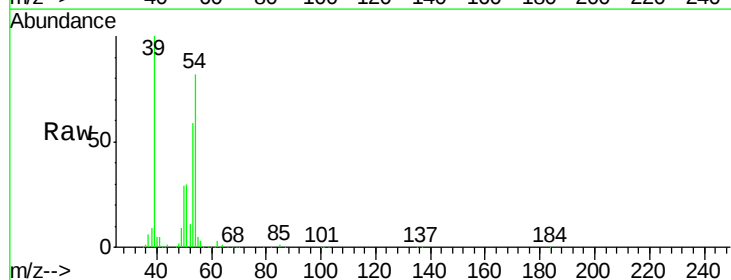
Acq: 26 Jan 2022 12:54

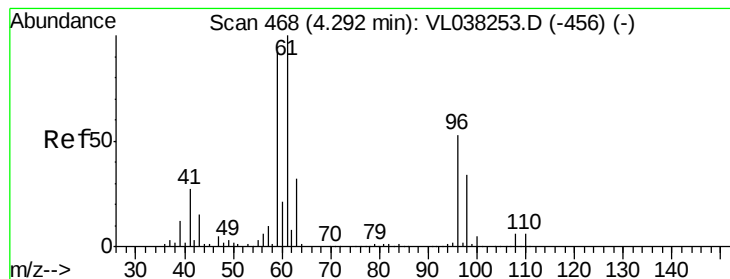
Tgt Ion: 39 Resp: 503027

Ion Ratio Lower Upper

39 100

54 76.5 62.6 94.0





#17

tert-Butyl alcohol

Concen: 8.382 ppbv

RT: 4.27 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

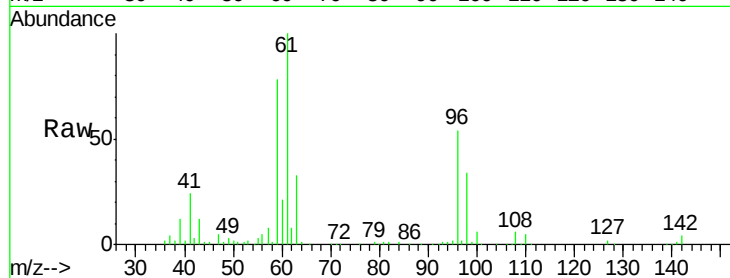
Acq: 26 Jan 2022 12:54 VL0126ABS01

Tgt Ion: 59 Resp: 684570

Ion Ratio Lower Upper

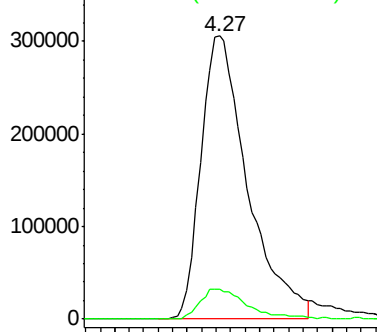
59 100

57 11.2 9.2 13.8

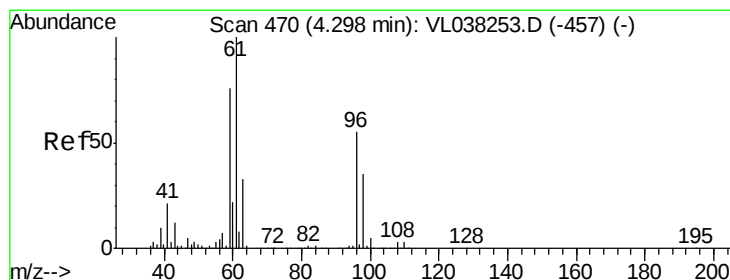
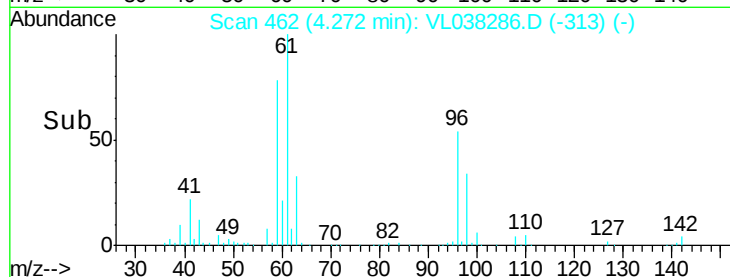


Abundance Ion 59.10 (58.80 to 59.80): VL0

Ion 57.10 (56.80 to 57.80): VL0



Time-->



#18

1,1-Dichloroethene

Concen: 9.195 ppbv

RT: 4.28 min Scan# 463

Delta R.T. -0.02 min

Lab File: VL038286.D

Acq: 26 Jan 2022 12:54

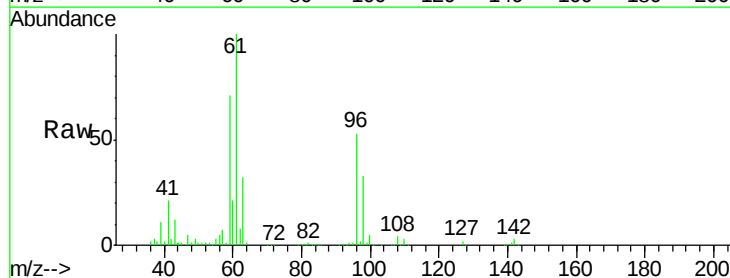
Tgt Ion: 96 Resp: 423135

Ion Ratio Lower Upper

96 100

61 189.5 146.5 219.7

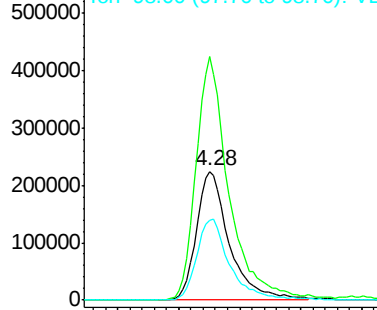
98 62.4 51.9 77.9



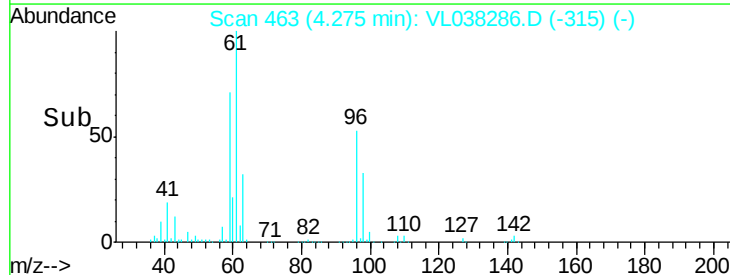
Abundance Ion 96.00 (95.70 to 96.70): VL0

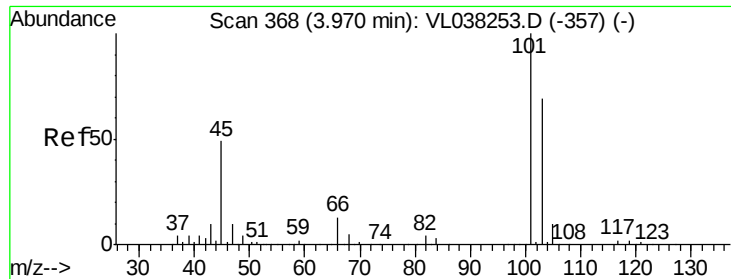
Ion 61.10 (60.80 to 61.80): VL0

Ion 98.00 (97.70 to 98.70): VL0



Time-->





#19

Isopropyl Alcohol

Concen: 8.414 ppbv

RT: 3.95 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: VL0126ABS01

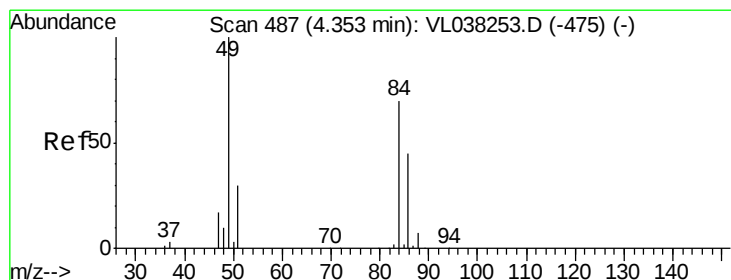
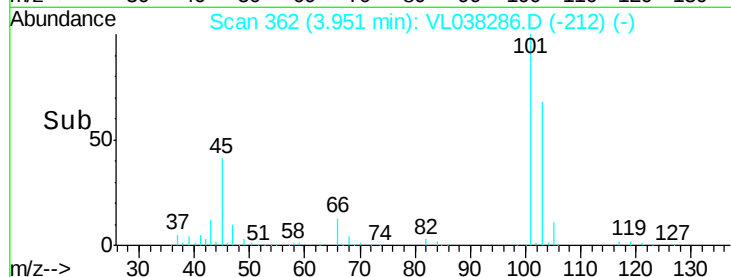
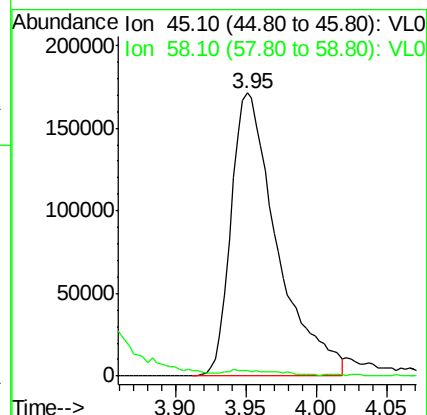
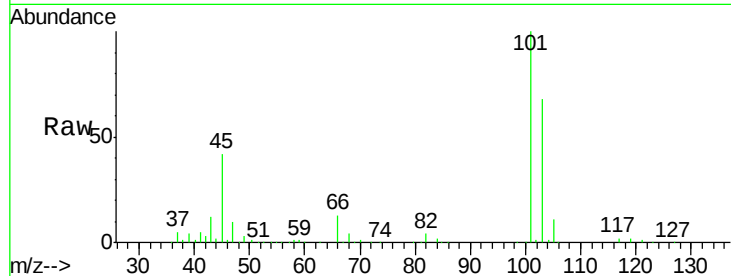
Acq: 26 Jan 2022 12:54

Tgt Ion: 45 Resp: 391671

Ion Ratio Lower Upper

45 100

58 2.5 2.3 3.5



#20

Methylene Chloride

Concen: 8.035 ppbv

RT: 4.33 min Scan# 480

Delta R.T. -0.02 min

Lab File: VL038286.D

Acq: 26 Jan 2022 12:54

Tgt Ion: 84 Resp: 347761

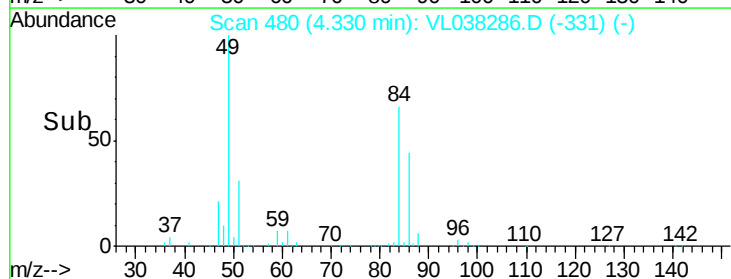
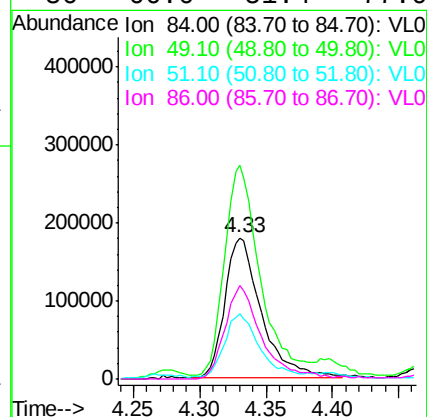
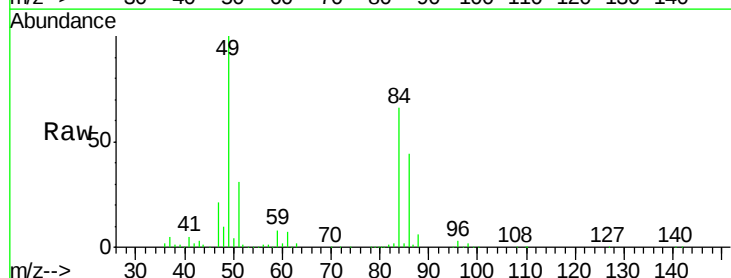
Ion Ratio Lower Upper

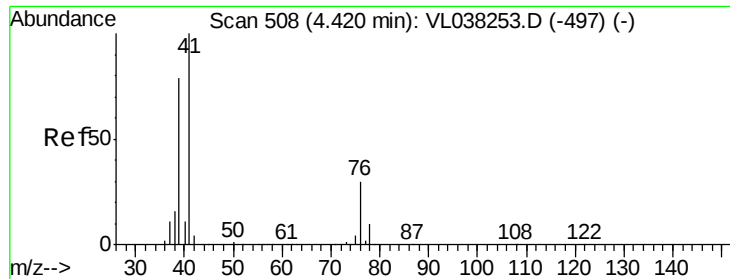
84 100

49 149.5 115.0 172.6

51 45.2 35.0 52.6

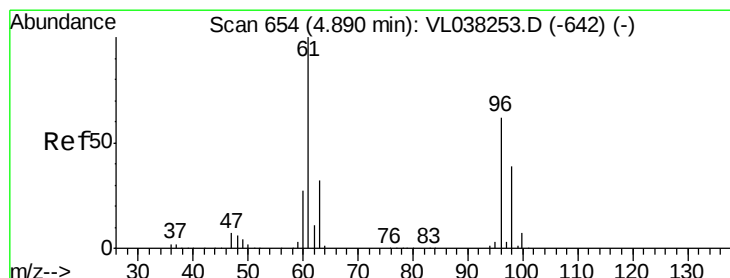
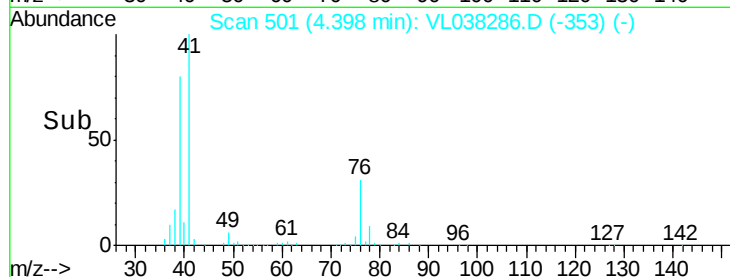
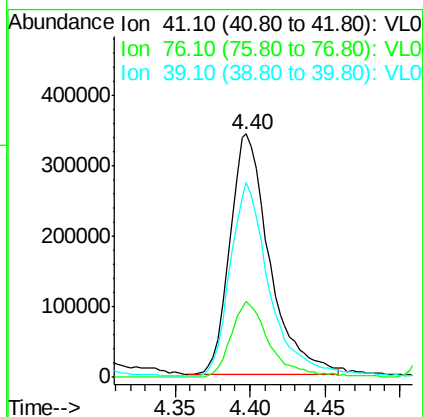
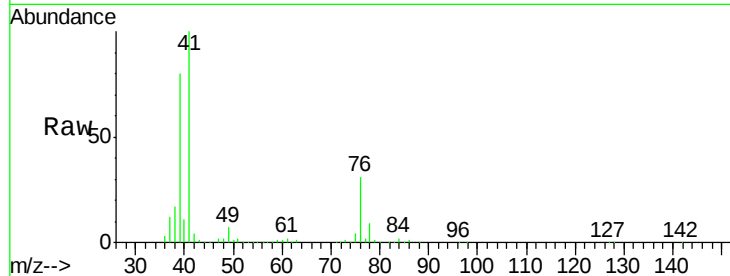
86 66.0 51.4 77.0





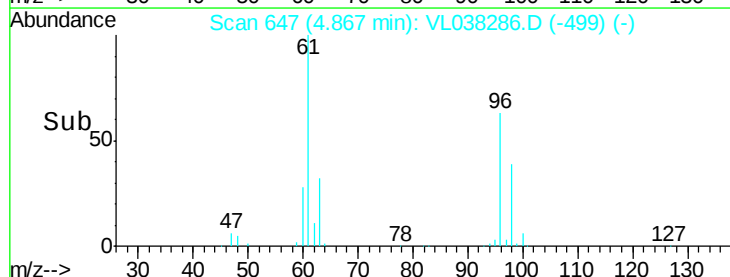
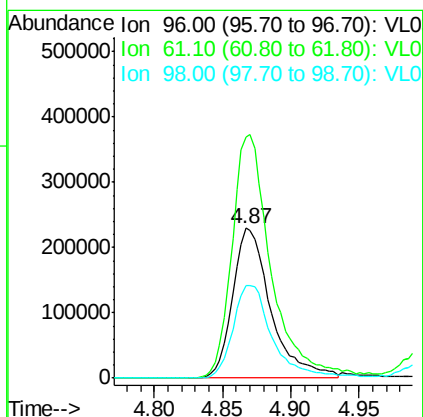
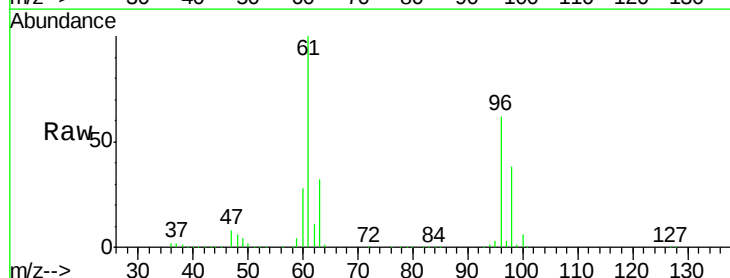
#21
 Allyl Chloride
 Concen: 9.505 ppbv
 RT: 4.40
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VL0126ABS01
 Acq: 26 Jan 2022 12:54

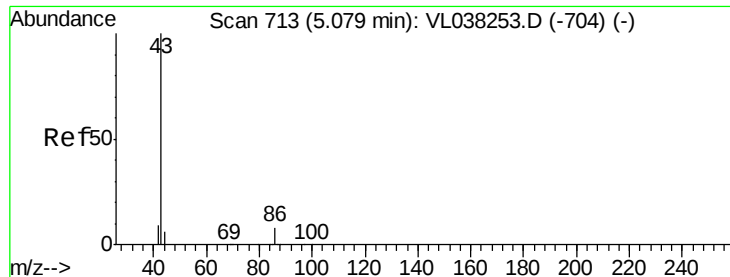
Tgt Ion: 41 Resp: 625793
 Ion Ratio Lower Upper
 41 100
 76 31.5 25.0 37.6
 39 81.0 63.0 94.6



#22
 trans-1,2-Dichloroethene
 Concen: 9.408 ppbv
 RT: 4.87 min Scan# 647
 Delta R.T. -0.02 min
 Lab File: VL038286.D
 Acq: 26 Jan 2022 12:54

Tgt Ion: 96 Resp: 447326
 Ion Ratio Lower Upper
 96 100
 61 161.0 128.8 193.2
 98 61.9 49.8 74.8





#23

Vinyl Acetate

Concen: 8.956 ppbv

RT: 5.05 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: VL0126ABS01

Acq: 26 Jan 2022 12:54

Tgt Ion: 43 Resp: 968919

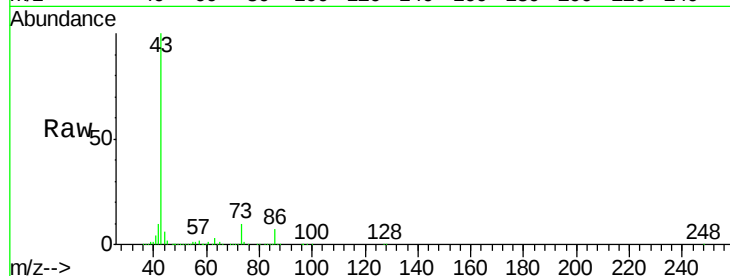
Ion Ratio Lower Upper

43 100

86 7.4 5.7 8.5

42 9.4 7.7 11.5

44 5.7 4.2 6.4

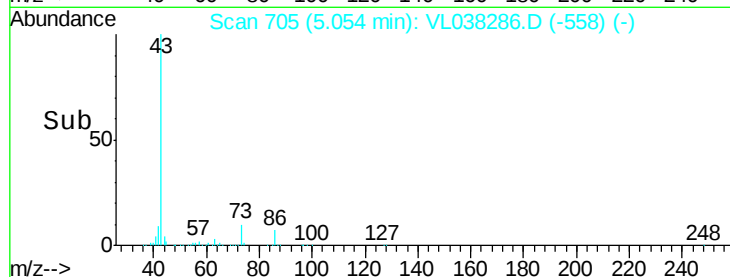
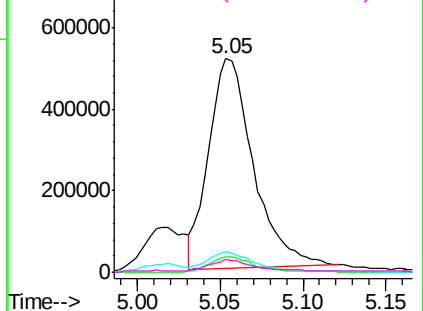


Abundance Ion 43.10 (42.80 to 43.80): VL0

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: 9.193 ppbv

RT: 5.00 min Scan# 687

Delta R.T. -0.02 min

Lab File: VL038286.D

Acq: 26 Jan 2022 12:54

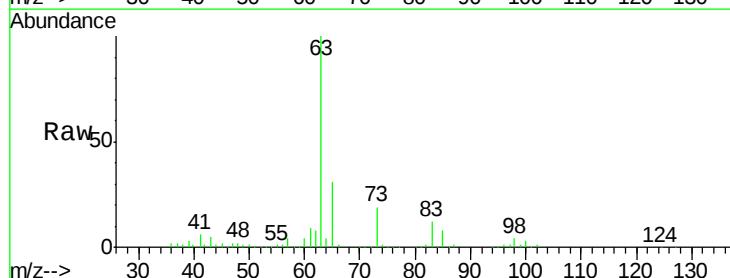
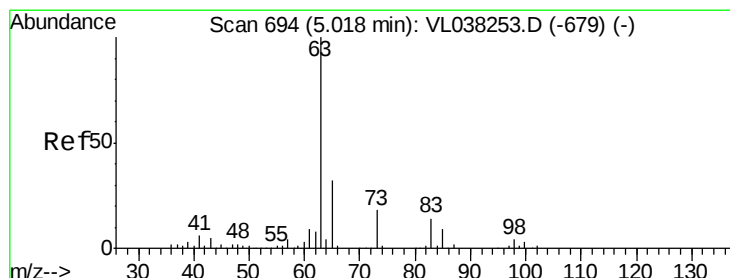
Tgt Ion: 63 Resp: 886096

Ion Ratio Lower Upper

63 100

98 4.1 2.3 6.8

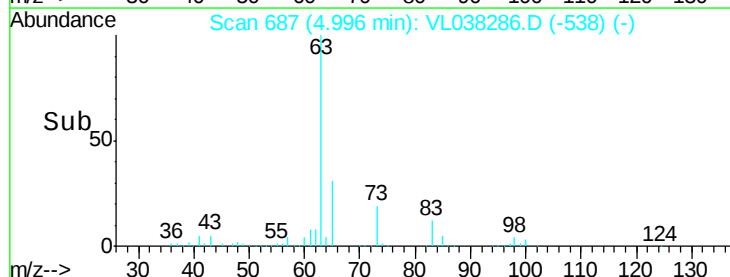
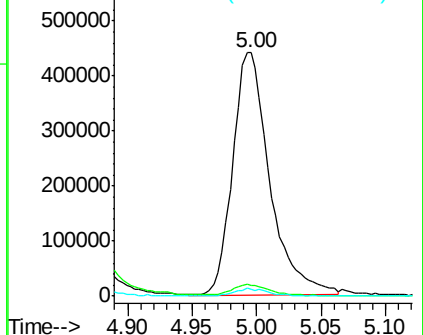
100 2.7 1.3 3.9

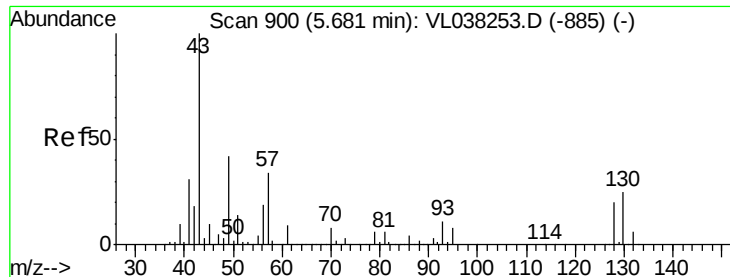


Abundance Ion 63.10 (62.80 to 63.80): VL0

Ion 98.00 (97.70 to 98.70): VL0

Ion 100.00 (99.70 to 100.70): VL0

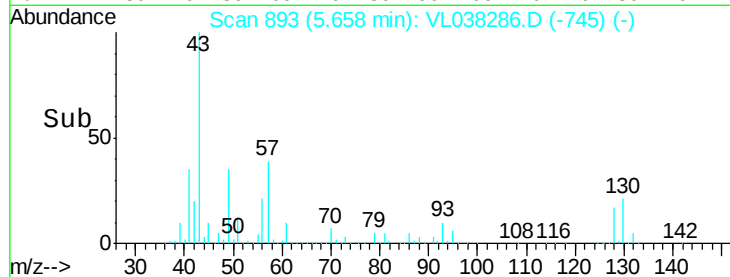
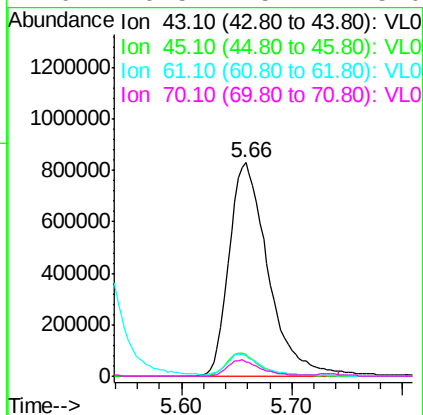
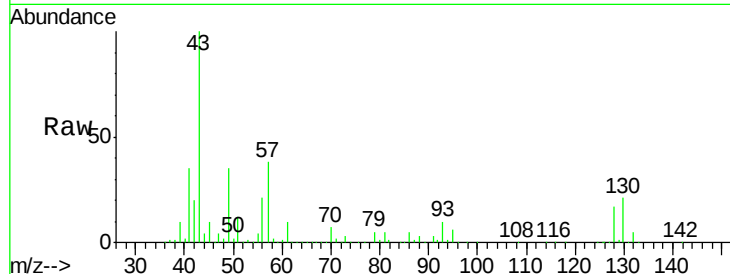




#25
Ethyl Acetate
Concen: 9.711 ppbv
RT: 5.66
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId : VL0126ABS01
Acq: 26 Jan 2022 12:54

Tgt Ion: 43 Resp: 2023251

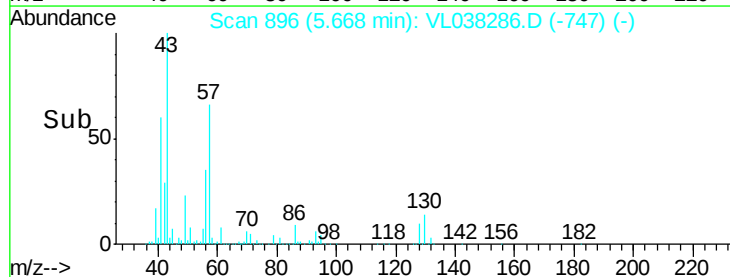
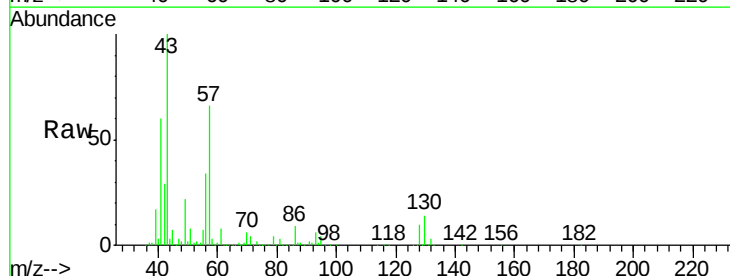
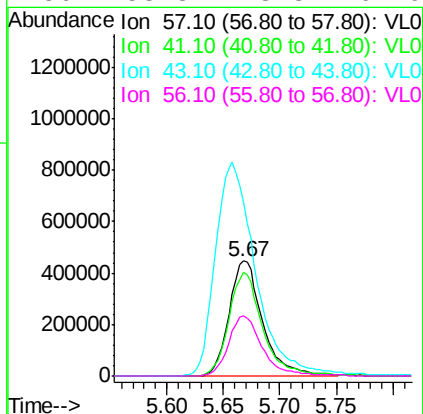
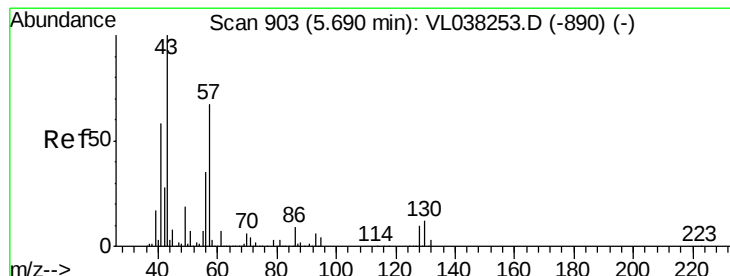
Ion	Ratio	Lower	Upper
43	100		
45	9.7	7.9	11.9
61	9.8	7.8	11.8
70	6.5	5.4	8.0

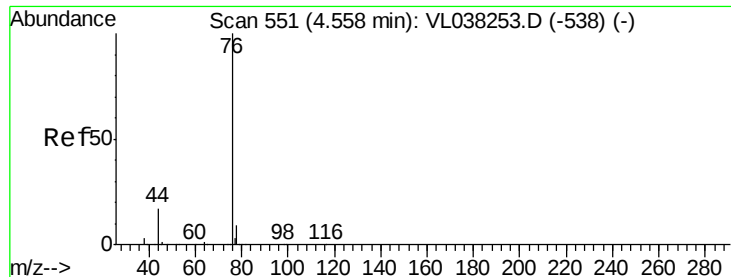


#26
Hexane
Concen: 9.524 ppbv
RT: 5.67 min Scan# 896
Delta R.T.: -0.02 min
Lab File: VL038286.D
Acq: 26 Jan 2022 12:54

Tgt Ion: 57 Resp: 922876

Ion	Ratio	Lower	Upper
57	100		
41	92.2	72.8	109.2
43	223.2	177.0	265.6
56	53.3	43.3	64.9





#27

Carbon Disulfide

Concen: 9.488 ppbv

RT: 4.54 Instrument: MSVOA_1

Delta R.T.

Lab File: ClientSampleId:

Acq: 26 Jan 2022 12:54

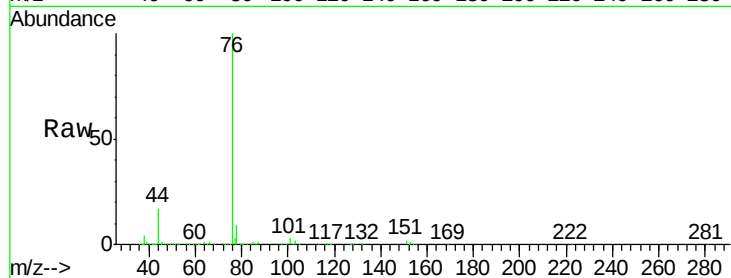
Tgt Ion: 76 Resp: 1075679

Ion Ratio Lower Upper

76 100

44 18.4 14.8 22.2

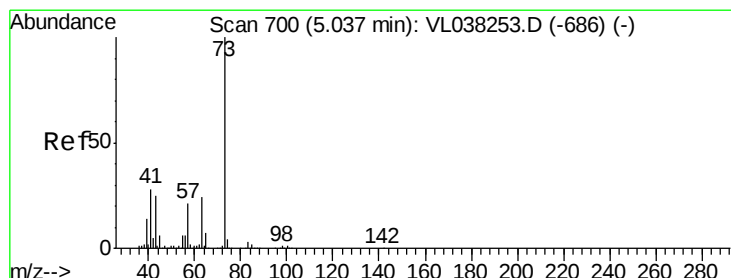
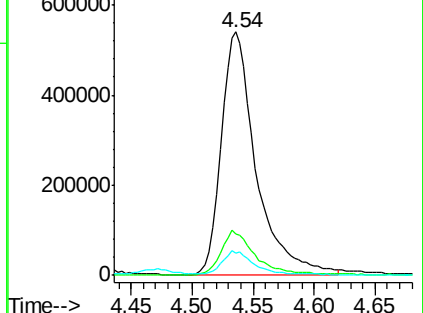
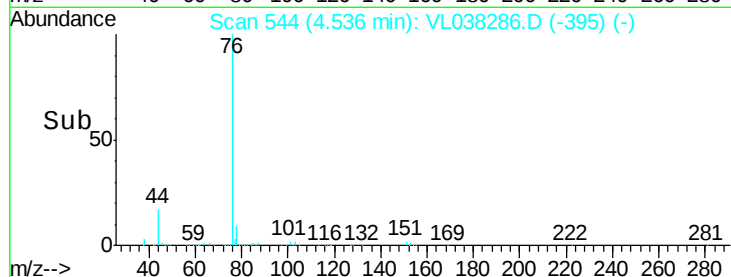
78 9.8 7.9 11.9



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: 9.302 ppbv

RT: 5.01 min Scan# 693

Delta R.T. -0.02 min

Lab File: VL038286.D

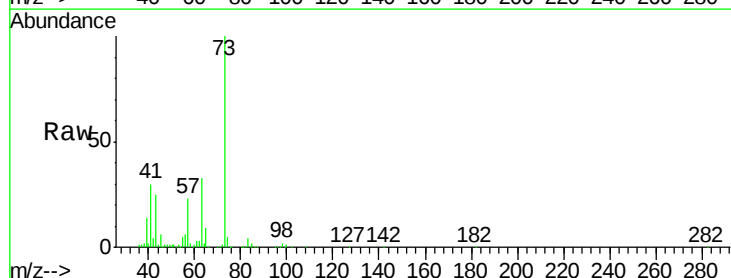
Acq: 26 Jan 2022 12:54

Tgt Ion: 73 Resp: 935111

Ion Ratio Lower Upper

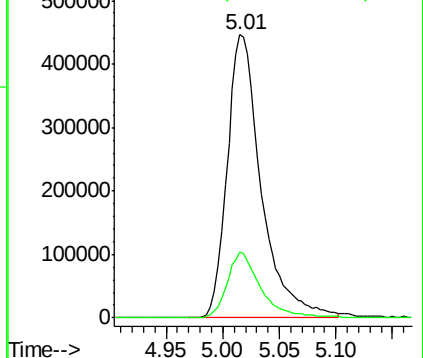
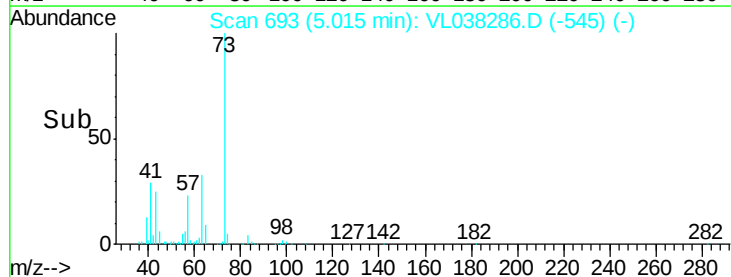
73 100

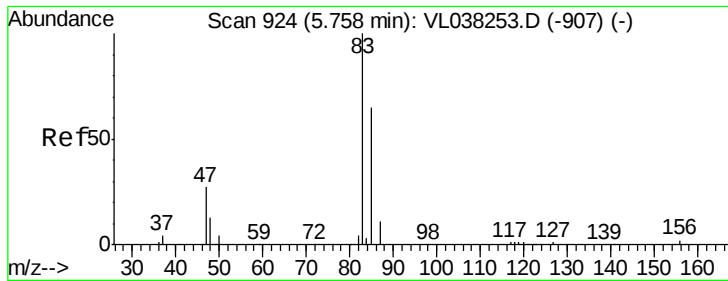
57 23.0 18.2 27.4



Abundance Ion 73.10 (72.80 to 73.80): VL0

Ion 57.10 (56.80 to 57.80): VL0





#29

Chloroform

Concen: 9.500 ppbv

RT: 5.73

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

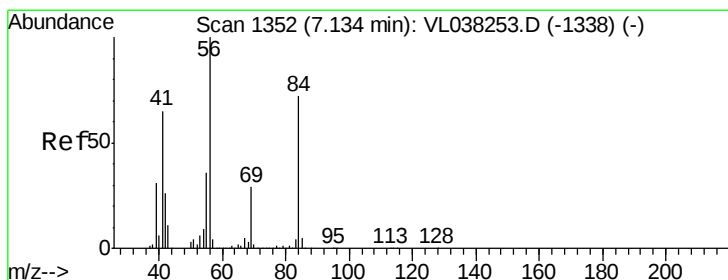
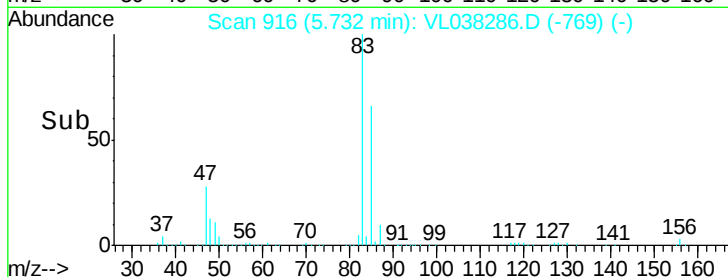
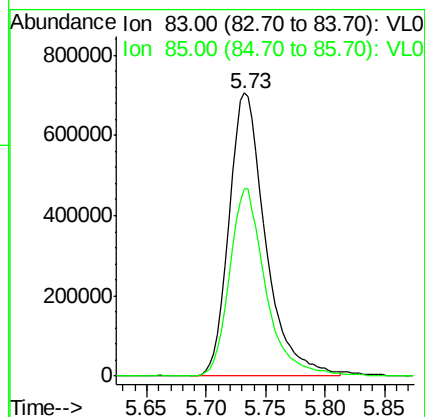
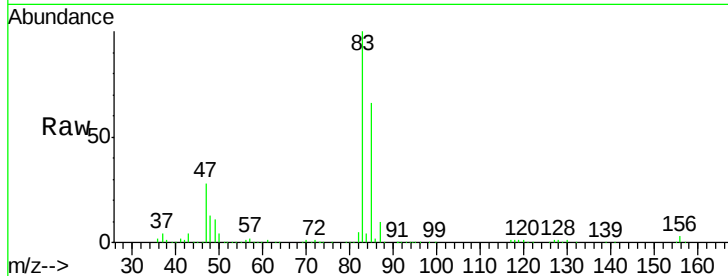
Acq: 26 Jan 2022 12:54

Tgt Ion: 83 Resp: 1502724

Ion Ratio Lower Upper

83 100

85 65.8 51.9 77.9



#30

Cyclohexane

Concen: 9.429 ppbv

RT: 7.11 min Scan# 1344

Delta R.T. -0.03 min

Lab File: VL038286.D

Acq: 26 Jan 2022 12:54

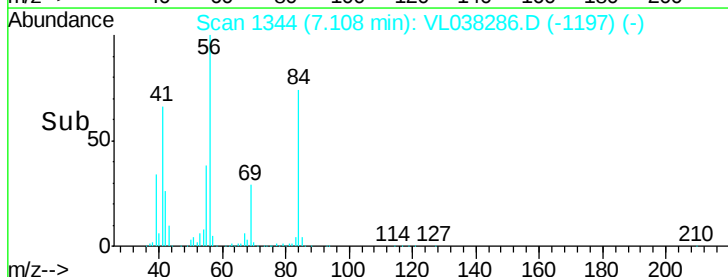
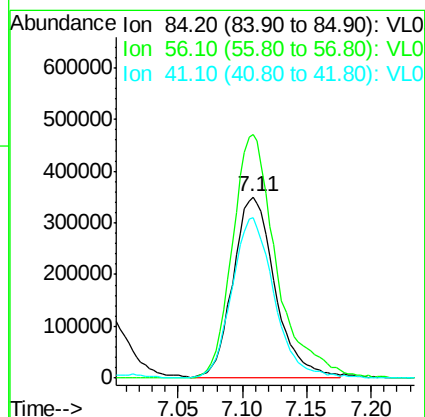
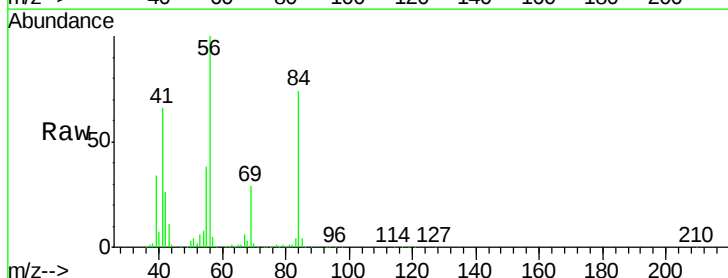
Tgt Ion: 84 Resp: 795567

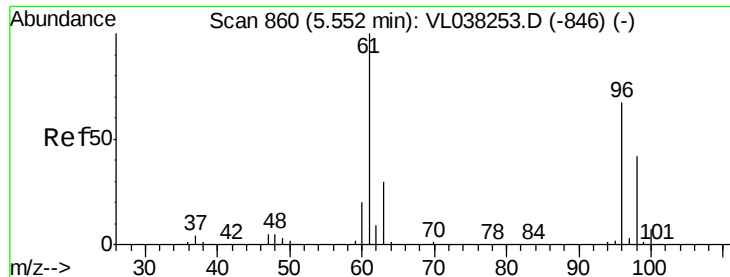
Ion Ratio Lower Upper

84 100

56 141.5 112.7 169.1

41 88.9 71.1 106.7





#31

cis-1,2-Dichloroethene

Concen: 10.941 ppbv

RT: 5.53

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 26 Jan 2022 12:54

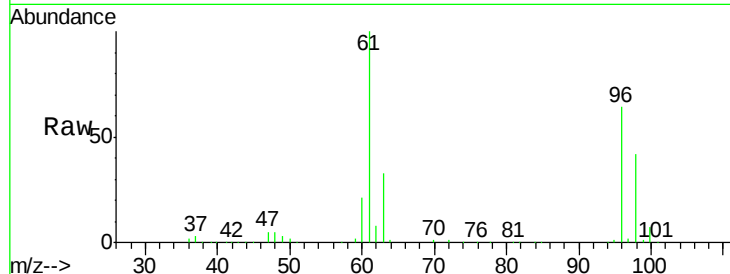
Tgt Ion: 61 Resp: 924837

Ion Ratio Lower Upper

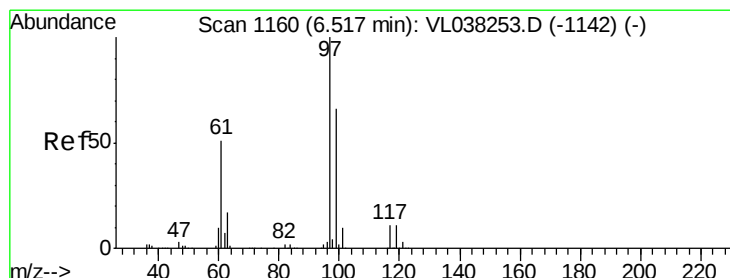
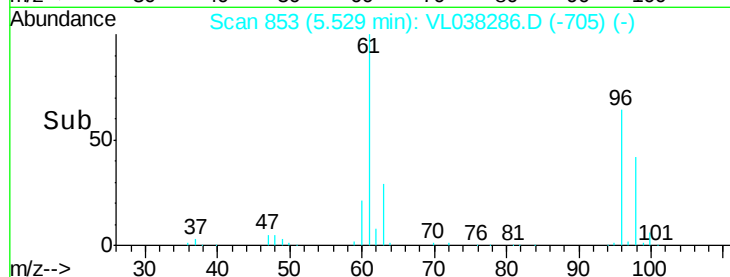
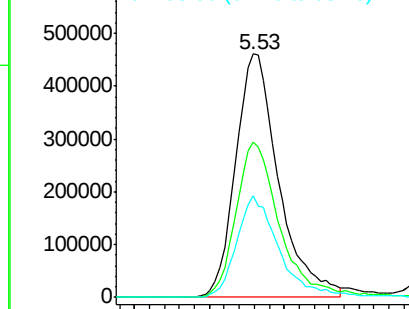
61 100

96 63.5 53.3 79.9

98 41.5 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: 9.437 ppbv

RT: 6.49 min Scan# 1152

Delta R.T. -0.03 min

Lab File: VL038286.D

Acq: 26 Jan 2022 12:54

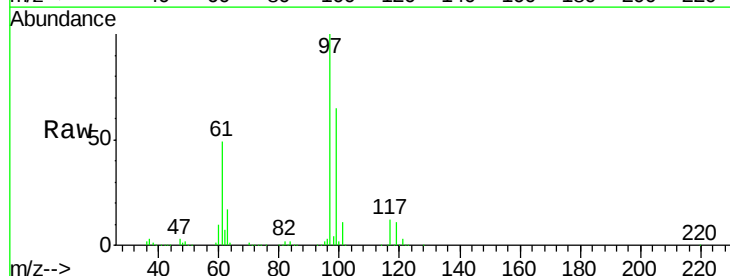
Tgt Ion: 97 Resp: 1490944

Ion Ratio Lower Upper

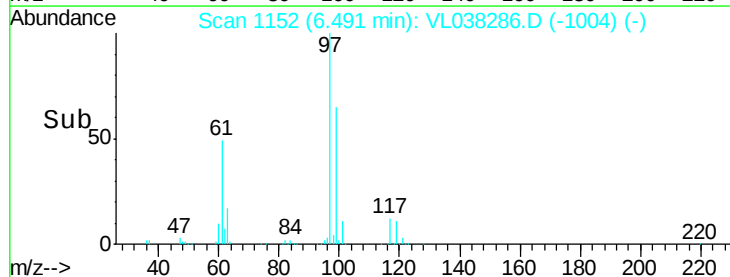
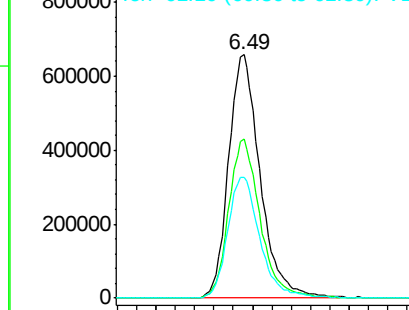
97 100

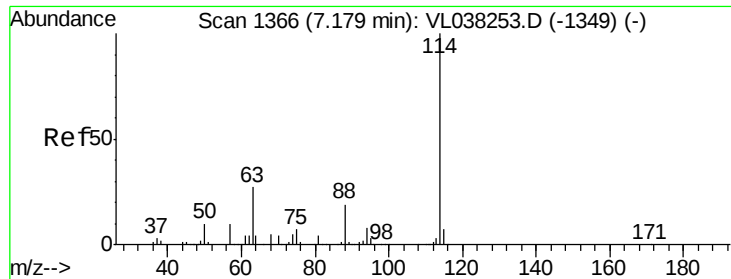
99 65.1 51.5 77.3

61 51.0 40.5 60.7



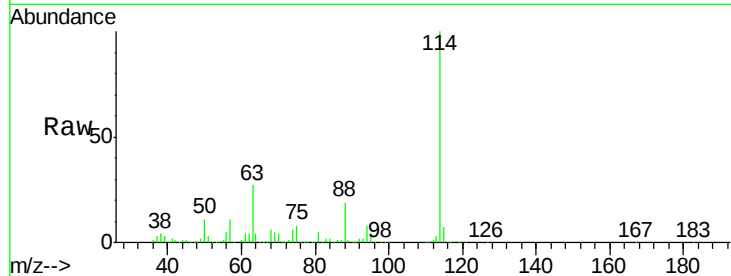
Abundance Ion 97.00 (96.70 to 97.70): VL0
Ion 99.00 (98.70 to 99.70): VL0
Ion 61.10 (60.80 to 61.80): VL0



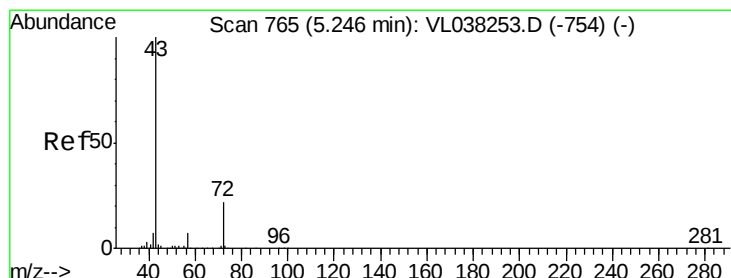
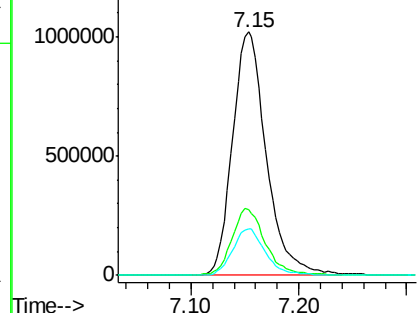
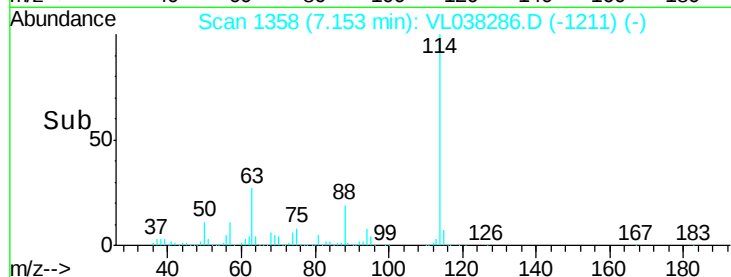


#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.15
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VL0126ABS01
 Acq: 26 Jan 2022 12:54

Tgt Ion: 114 Resp: 2229401
 Ion Ratio Lower Upper
 114 100
 63 27.6 22.0 33.0
 88 18.9 15.0 22.6

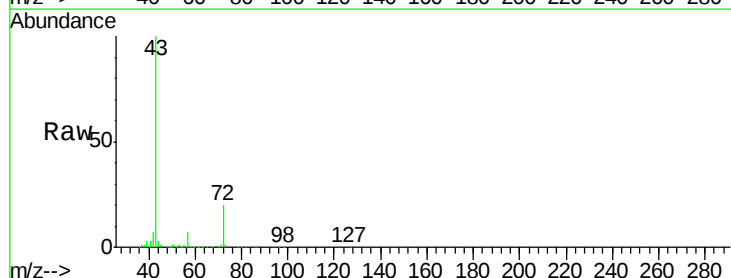


Abundance Ion 114.10 (113.80 to 114.80): V
 Ion 63.10 (62.80 to 63.80): VL0
 Ion 88.10 (87.80 to 88.80): VL0

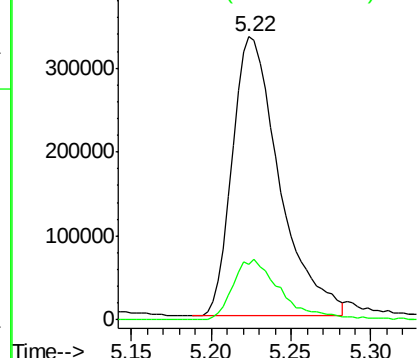
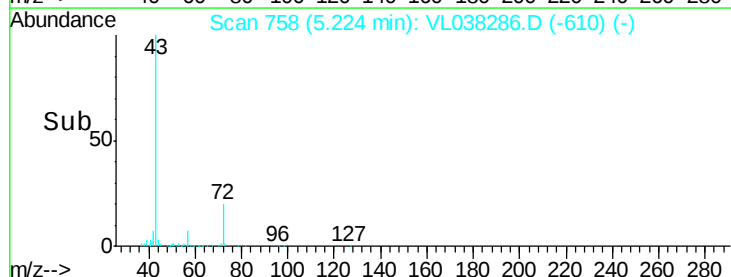


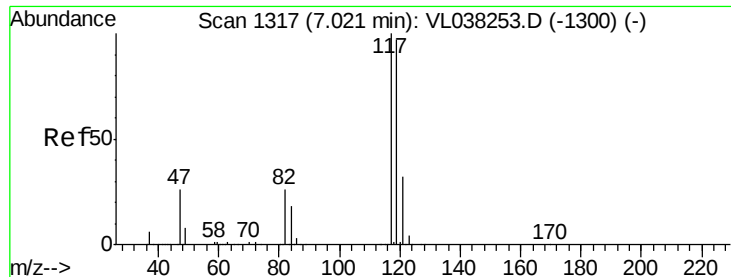
#34
 2-Butanone
 Concen: 9.218 ppbv
 RT: 5.22 min Scan# 758
 Delta R.T. -0.02 min
 Lab File: VL038286.D
 Acq: 26 Jan 2022 12:54

Tgt Ion: 43 Resp: 672067
 Ion Ratio Lower Upper
 43 100
 72 23.0 18.1 27.1



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

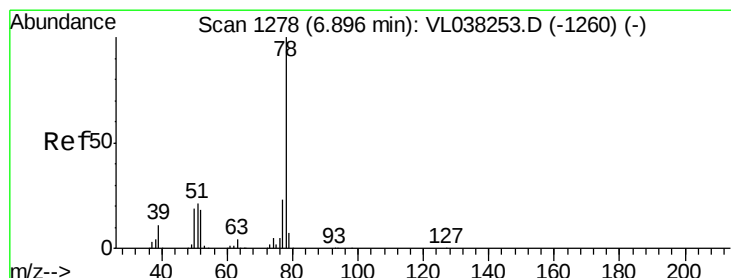
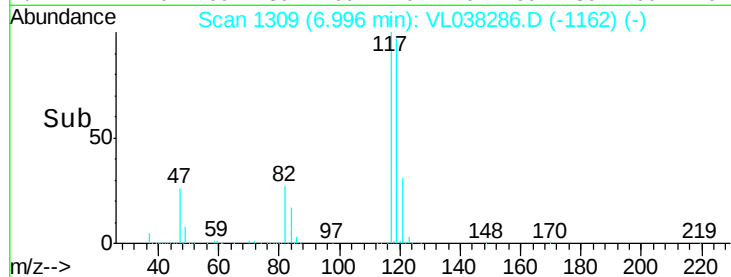
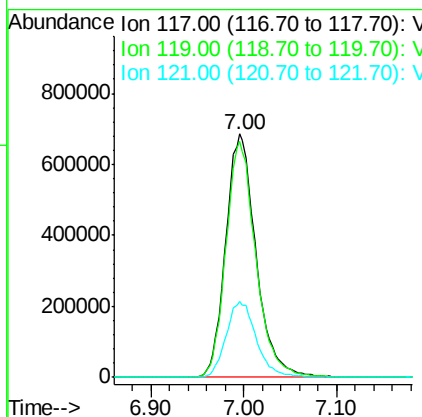
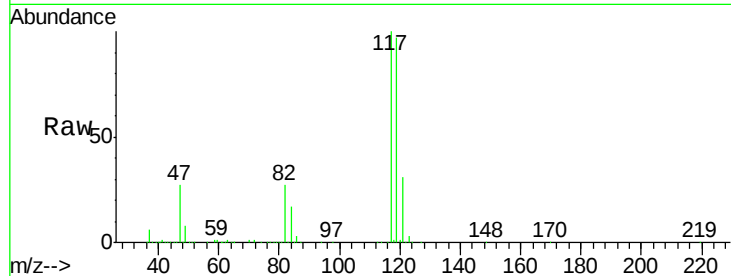




#35
 Carbon Tetrachloride
 Concen: 9.907 ppbv
 RT: 7.00
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId : VL0126ABS01
 Acq: 26 Jan 2022 12:54

Tgt Ion: 117 Resp: 1550372

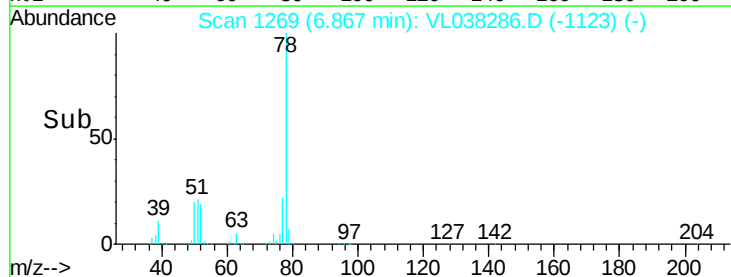
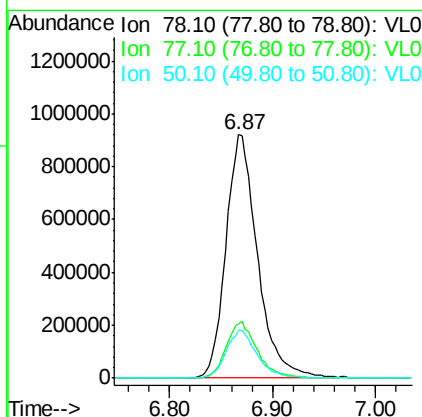
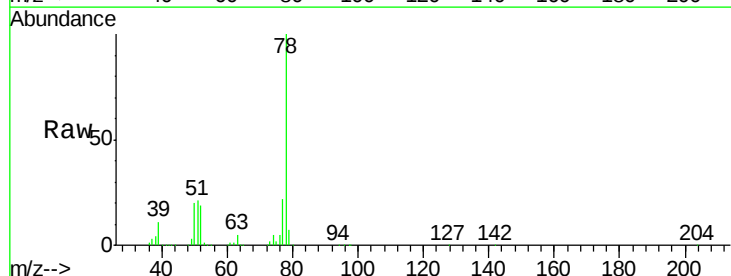
Ion	Ratio	Lower	Upper
117	100		
119	97.0	77.9	116.9
121	31.4	25.4	38.2

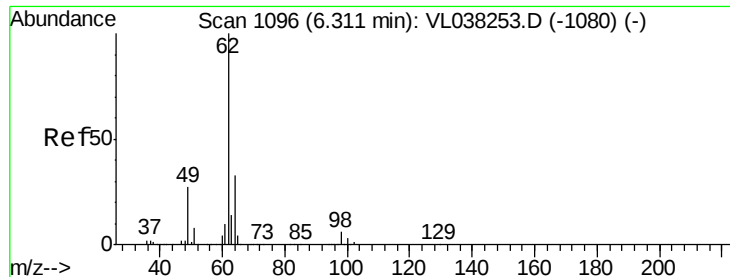


#36
 Benzene
 Concen: 9.975 ppbv
 RT: 6.87 min Scan# 1269
 Delta R.T. -0.03 min
 Lab File: VL038286.D
 Acq: 26 Jan 2022 12:54

Tgt Ion: 78 Resp: 1967057

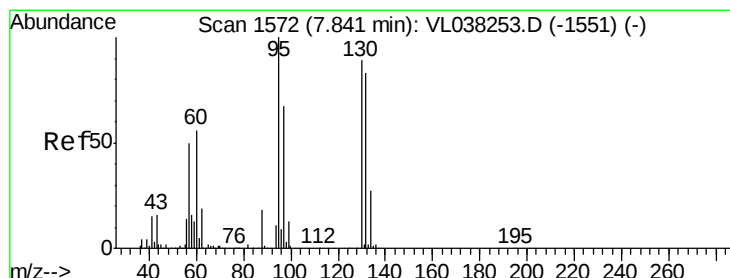
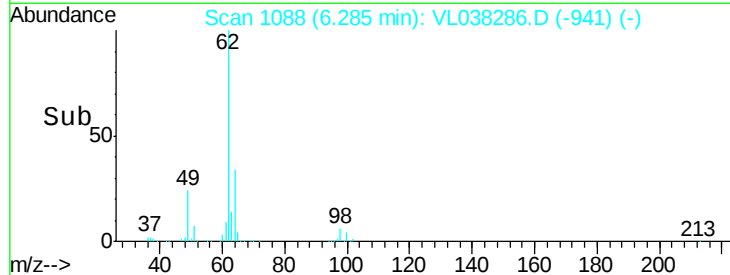
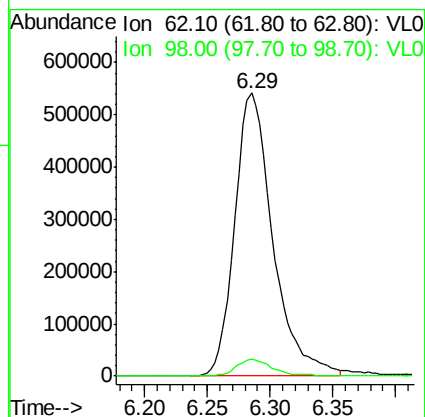
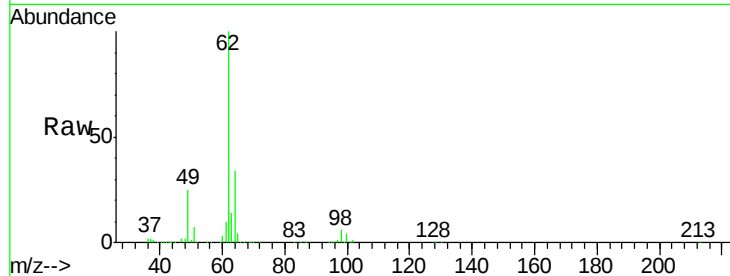
Ion	Ratio	Lower	Upper
78	100		
77	22.0	18.2	27.2
50	19.5	15.1	22.7





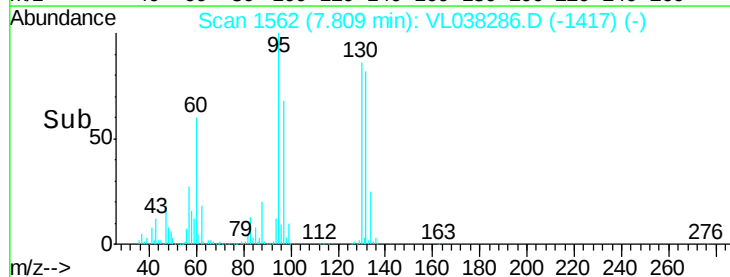
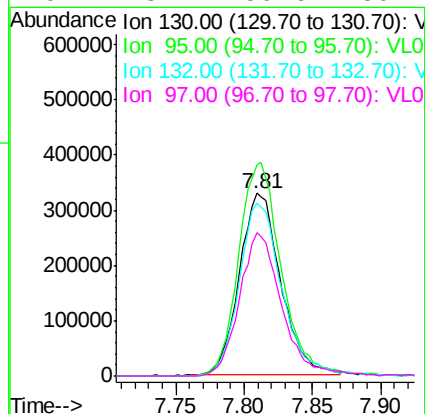
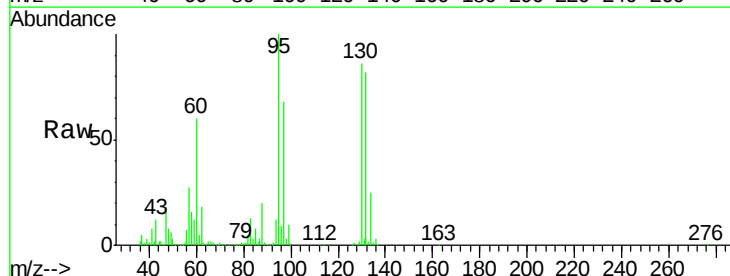
#37
 1,2-Dichloroethane
 Concen: 10.141 ppbv
 RT: 6.29
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId : VL0126ABS01
 Acq: 26 Jan 2022 12:54

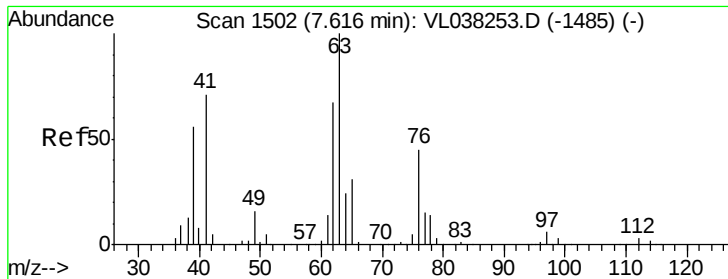
Tgt Ion: 62 Resp: 1145477
 Ion Ratio Lower Upper
 62 100
 98 6.0 4.5 6.7



#38
 Trichloroethene
 Concen: 9.435 ppbv
 RT: 7.81 min Scan# 1562
 Delta R.T. -0.03 min
 Lab File: VL038286.D
 Acq: 26 Jan 2022 12:54

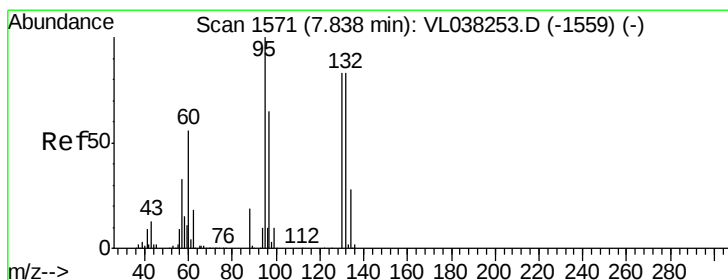
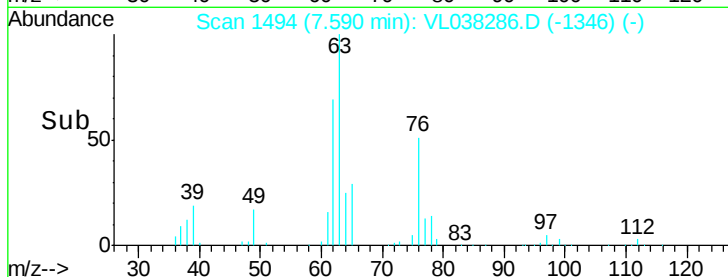
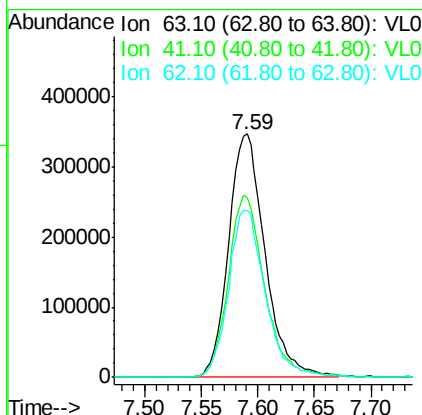
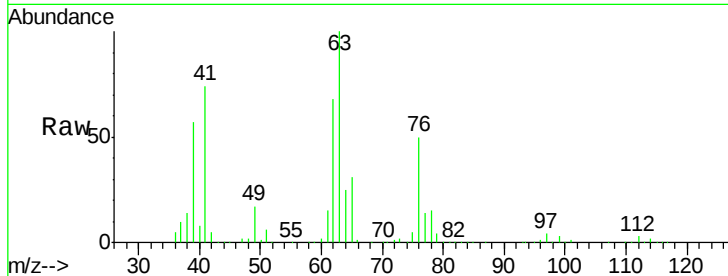
Tgt Ion: 130 Resp: 693071
 Ion Ratio Lower Upper
 130 100
 95 116.2 89.4 134.2
 132 94.9 74.6 111.8
 97 78.7 59.6 89.4





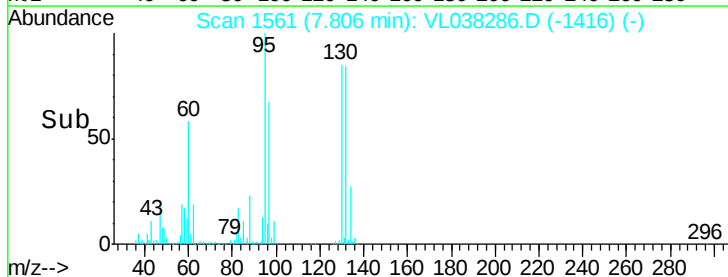
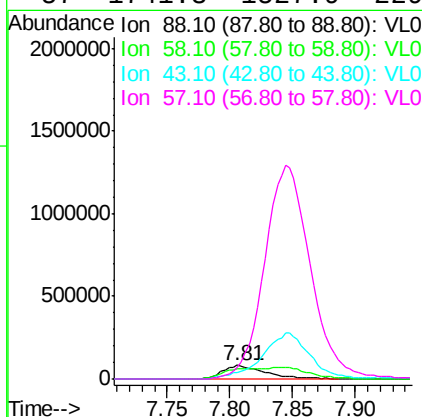
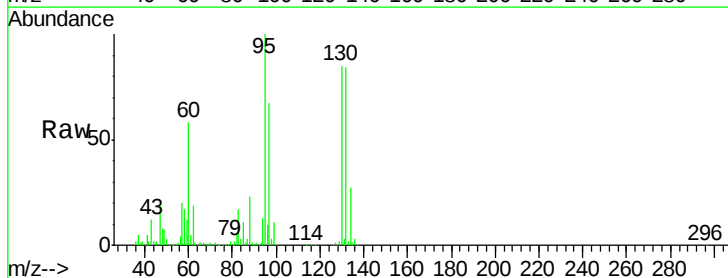
#39
 1,2-Dichloropropane
 Concen: 9.718 ppbv
 RT: 7.59
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VL0126ABS01
 Acq: 26 Jan 2022 12:54

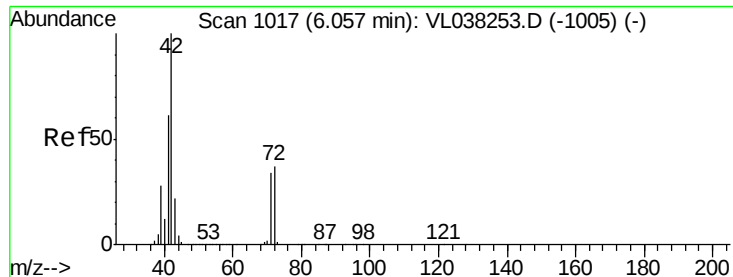
Tgt Ion	Ratio	Lower	Upper
63	100		
41	73.6	56.6	85.0
62	68.3	53.9	80.9



#40
 1,4-Dioxane
 Concen: 9.873 ppbv
 RT: 7.81 min Scan# 1561
 Delta R.T. -0.03 min
 Lab File: VL038286.D
 Acq: 26 Jan 2022 12:54

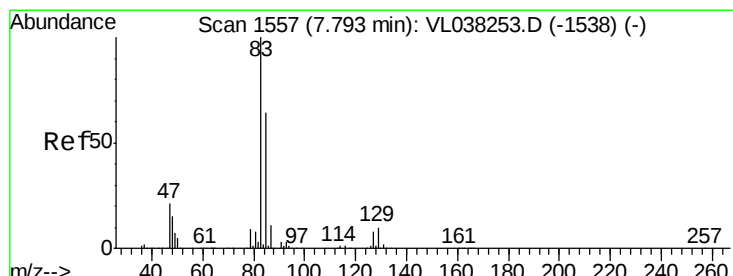
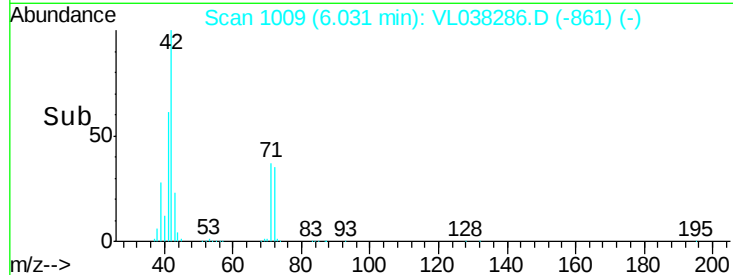
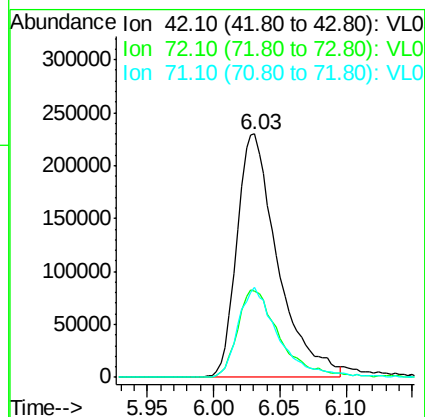
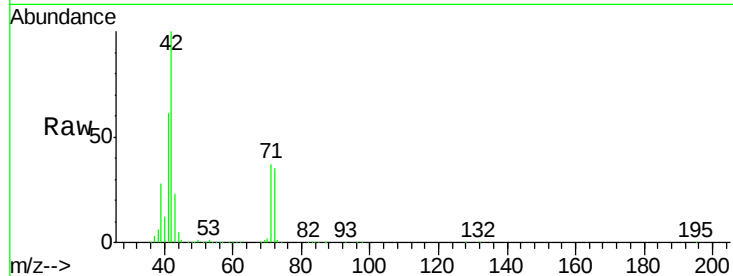
Tgt Ion	Ratio	Lower	Upper
88	100		
58	158.2	138.6	208.0
43	385.5	346.9	520.3
57	1741.3	1527.9	2291.9





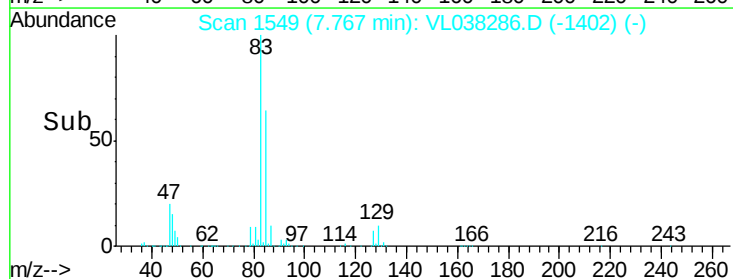
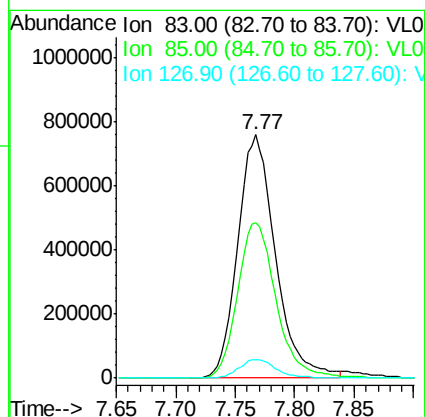
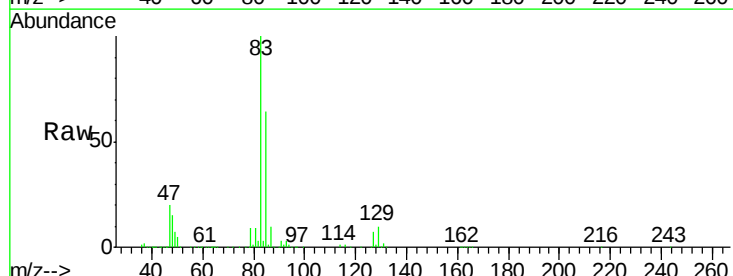
#41
Tetrahydrofuran
Concen: 10.060 ppbv
RT: 6.03
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 26 Jan 2022 12:54

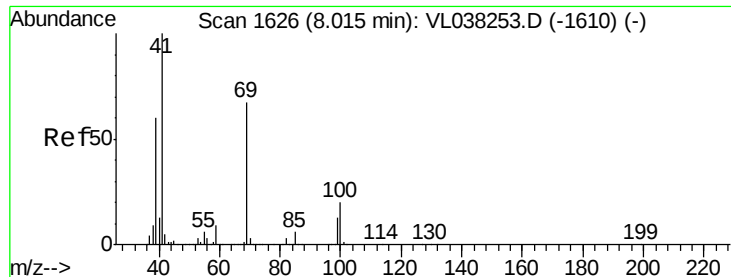
Tgt Ion	Ratio	Lower	Upper
42	100		
72	37.8	29.7	44.5
71	36.9	29.4	44.2



#42
Bromodichloromethane
Concen: 9.977 ppbv
RT: 7.77 min Scan# 1549
Delta R.T. -0.03 min
Lab File: VL038286.D
Acq: 26 Jan 2022 12:54

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.0	51.5	77.3
127	7.3	6.2	9.4





#43

Methyl Methacrylate

Concen: 10.555 ppbv

RT: 7.99 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 26 Jan 2022 12:54 VL0126ABS01

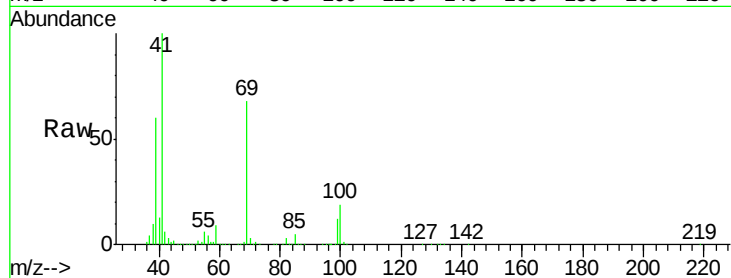
Tgt Ion: 69 Resp: 736211

Ion Ratio Lower Upper

69 100

41 154.1 120.9 181.3

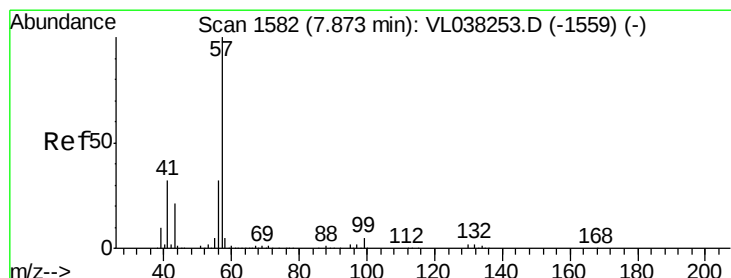
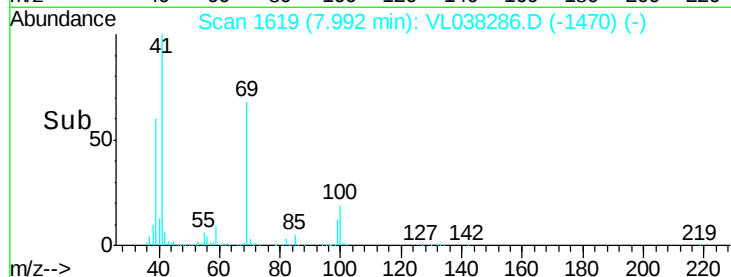
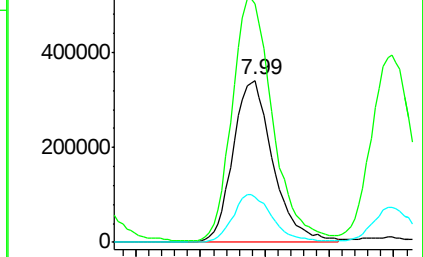
100 29.3 23.4 35.0



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: 9.508 ppbv

RT: 7.84 min Scan# 1573

Delta R.T. -0.03 min

Lab File: VL038286.D

Acq: 26 Jan 2022 12:54

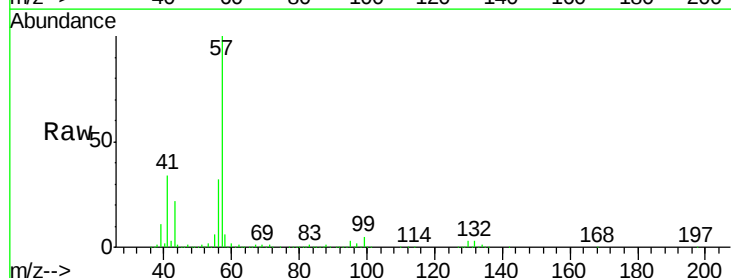
Tgt Ion: 57 Resp: 3304161

Ion Ratio Lower Upper

57 100

41 33.5 26.3 39.5

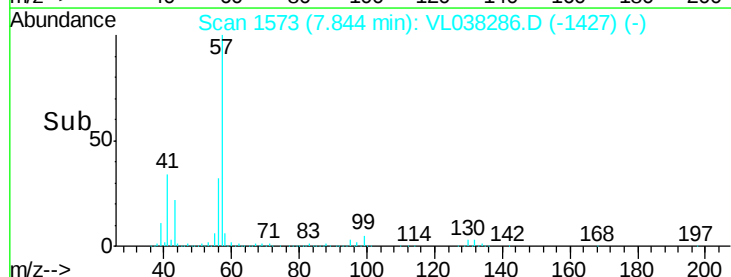
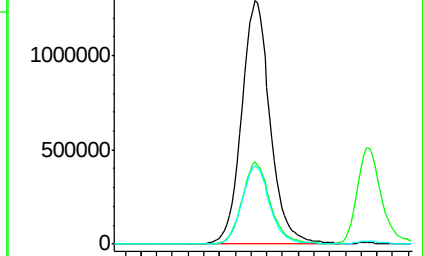
56 31.4 25.2 37.8

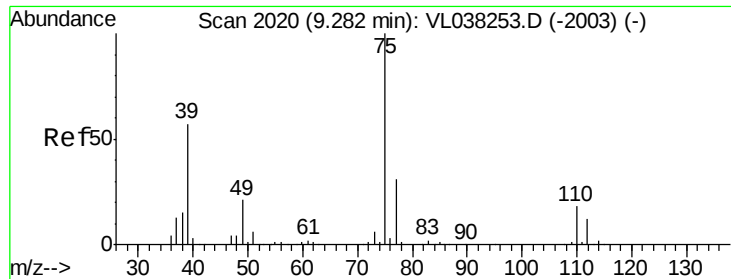


Abundance Ion 57.10 (56.80 to 57.80): VL0

Ion 41.10 (40.80 to 41.80): VL0

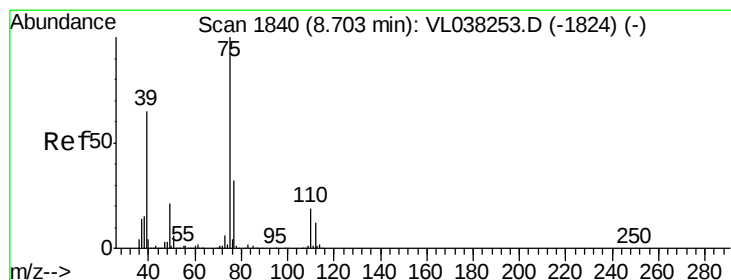
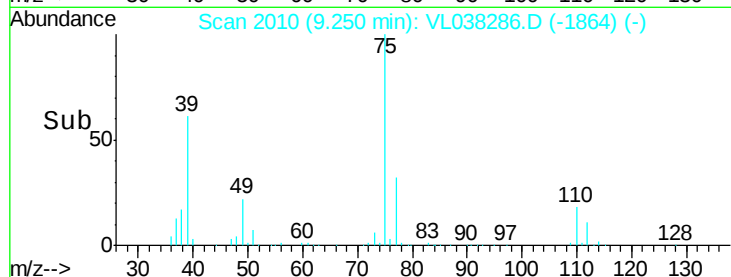
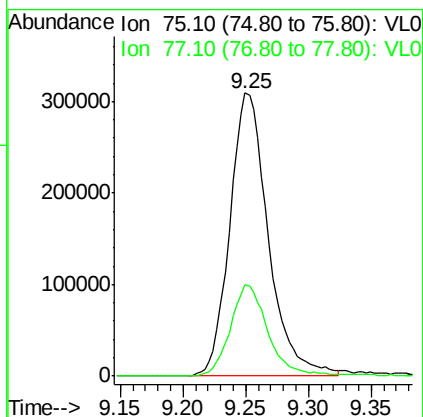
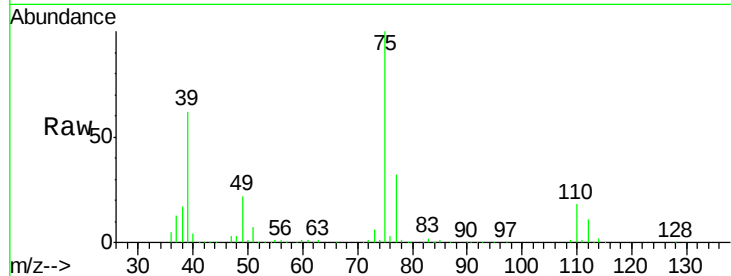
Ion 56.10 (55.80 to 56.80): VL0





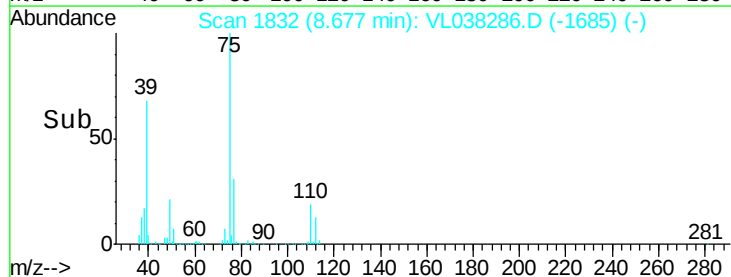
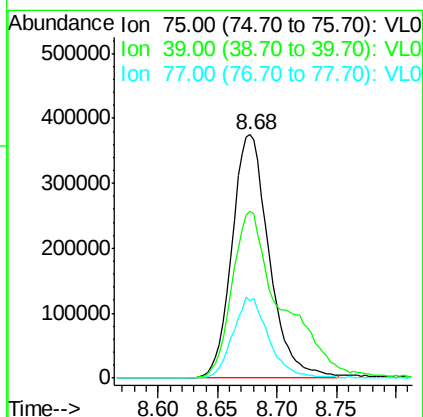
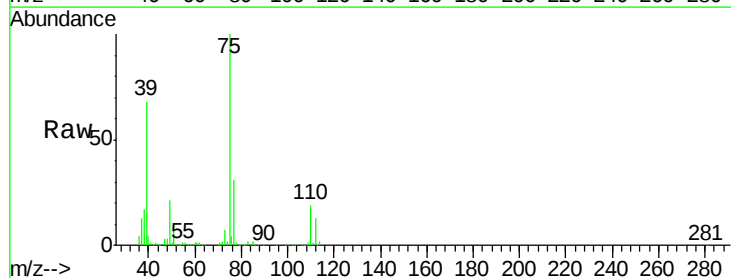
#45
 t-1,3-Dichloropropene
 Concen: 11.566 ppbv
 RT: 9.25
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VL0126ABS01
 Acq: 26 Jan 2022 12:54

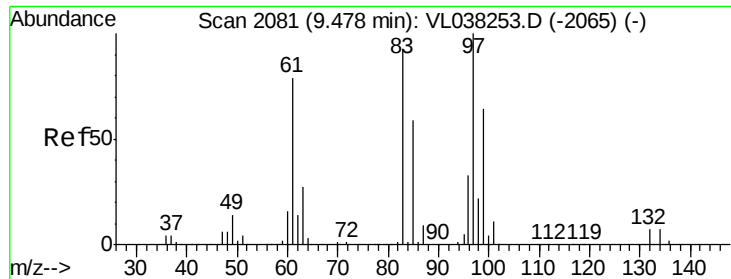
Tgt Ion: 75 Resp: 655444
 Ion Ratio Lower Upper
 75 100
 77 32.1 24.9 37.3



#46
 cis-1,3-Dichloropropene
 Concen: 10.715 ppbv
 RT: 8.68 min Scan# 1832
 Delta R.T. -0.03 min
 Lab File: VL038286.D
 Acq: 26 Jan 2022 12:54

Tgt Ion: 75 Resp: 810207
 Ion Ratio Lower Upper
 75 100
 39 68.2 52.3 78.5
 77 31.5 25.4 38.0





#47

1,1,2-Trichloroethane

Concen: 10.007 ppbv

RT: 9.45 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: VL0126ABS01

Acq: 26 Jan 2022 12:54

Tgt Ion: 97 Resp: 786136

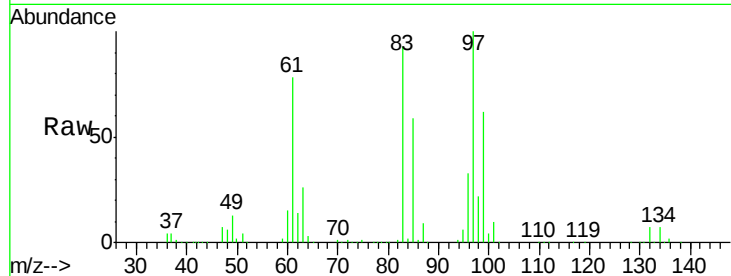
Ion Ratio Lower Upper

97 100

83 92.5 74.3 111.5

85 58.7 47.5 71.3

99 62.3 51.1 76.7

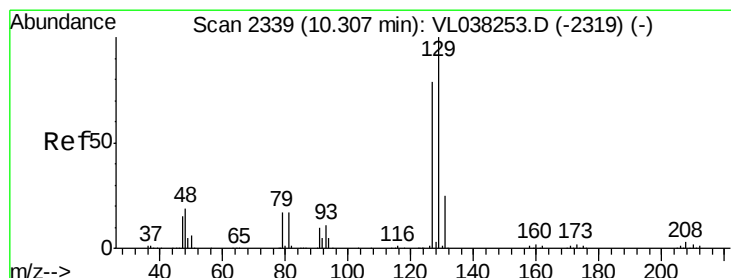
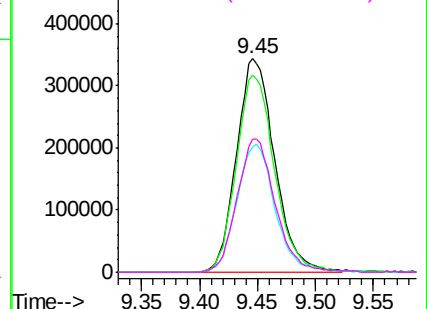
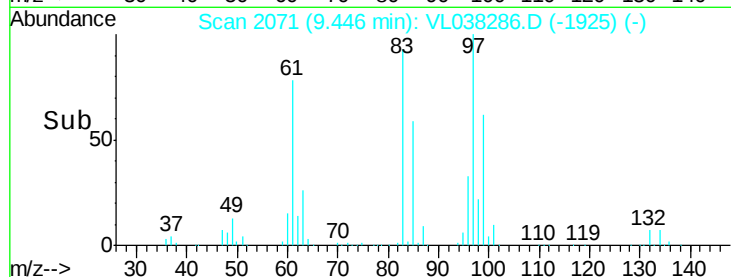


Abundance Ion 97.00 (96.70 to 97.70): VL0

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: 10.322 ppbv

RT: 10.27 min Scan# 2328

Delta R.T. -0.04 min

Lab File: VL038286.D

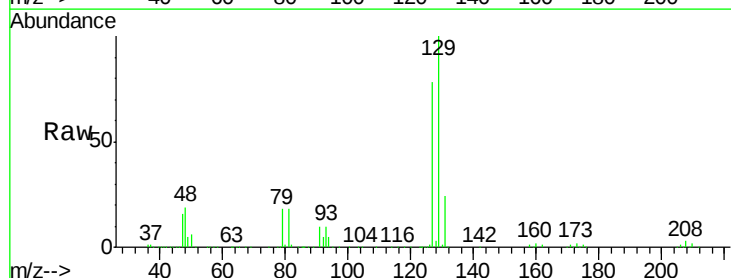
Acq: 26 Jan 2022 12:54

Tgt Ion: 129 Resp: 1365127

Ion Ratio Lower Upper

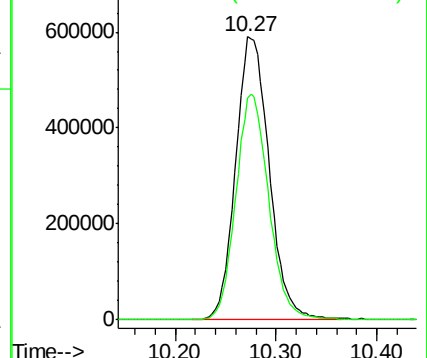
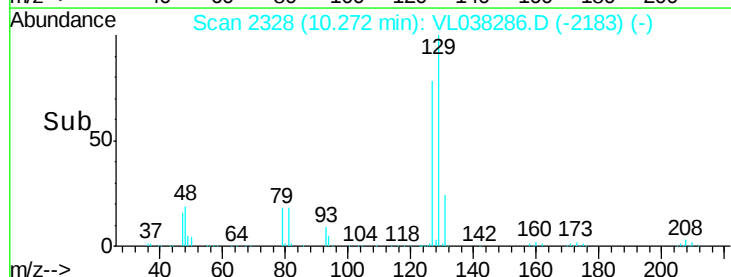
129 100

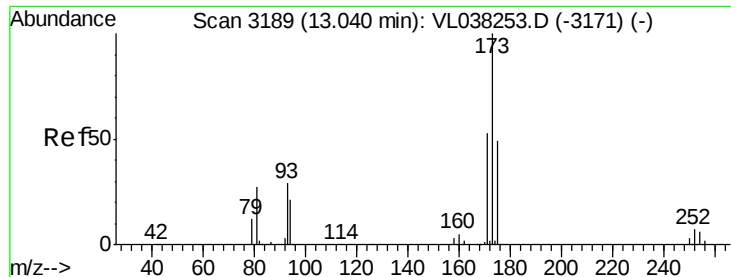
127 78.6 39.1 117.3



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V





#49

Bromoform

Concen: 10.953 ppbv

RT: 13.01

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

VL0126ABS01

Acq: 26 Jan 2022 12:54

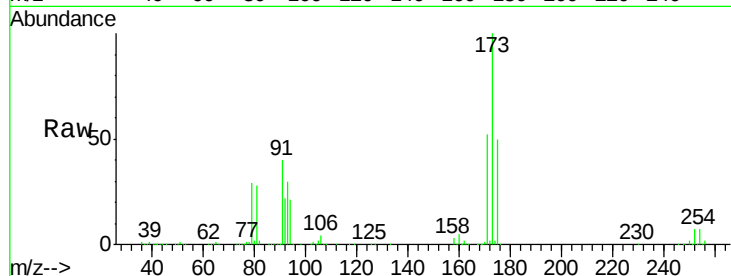
Tgt Ion: 173 Resp: 1044313

Ion Ratio Lower Upper

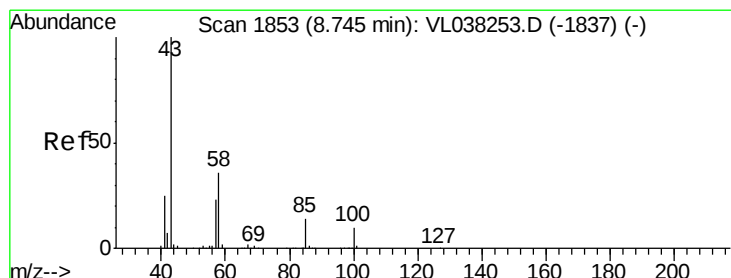
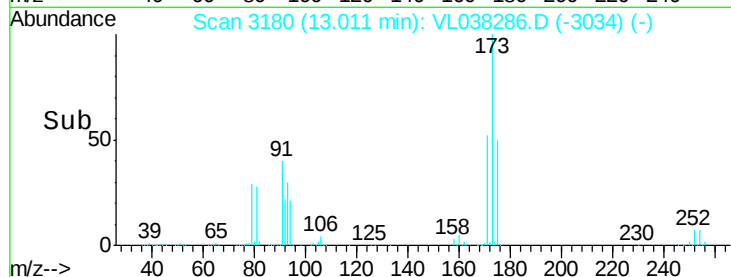
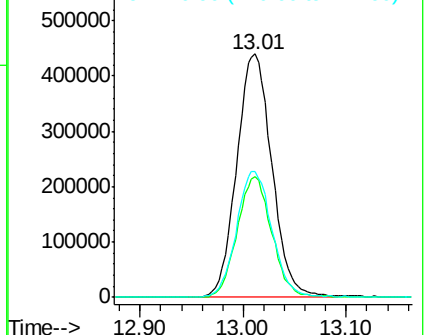
173 100

175 49.2 39.7 59.5

171 52.5 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: 10.267 ppbv

RT: 8.72 min Scan# 1844

Delta R.T. -0.03 min

Lab File: VL038286.D

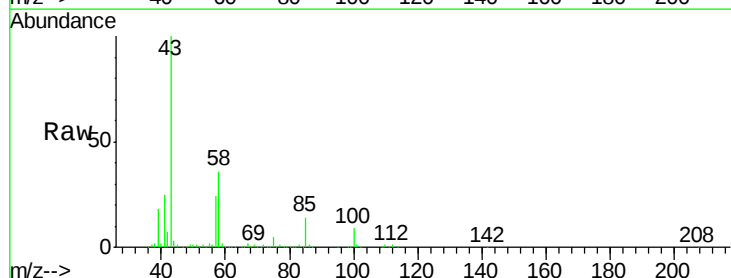
Acq: 26 Jan 2022 12:54

Tgt Ion: 43 Resp: 1335277

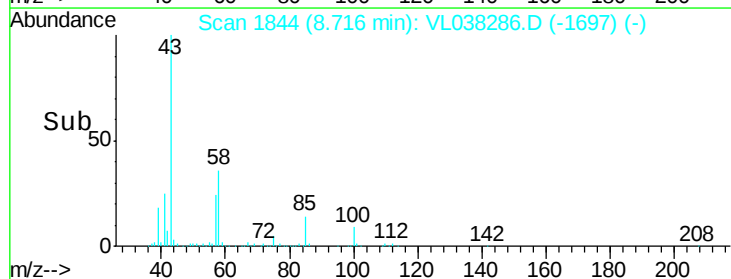
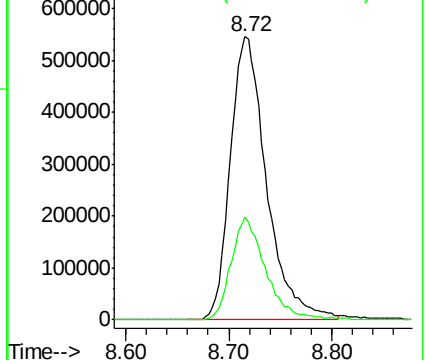
Ion Ratio Lower Upper

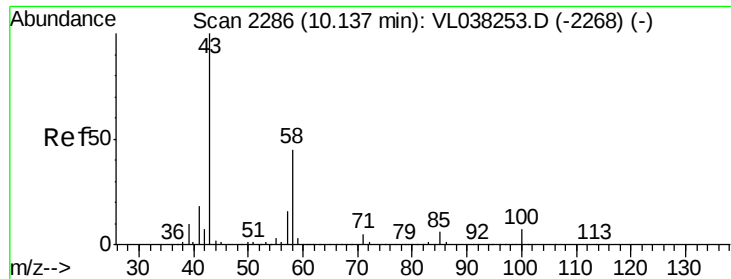
43 100

58 34.9 28.2 42.4



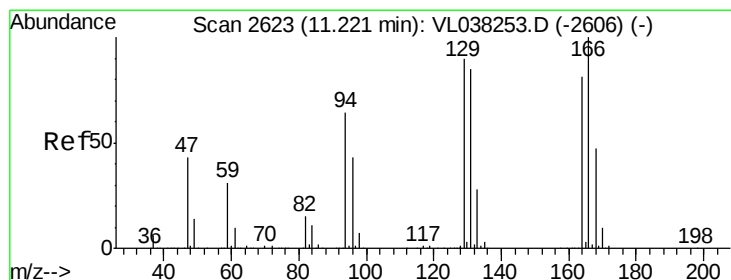
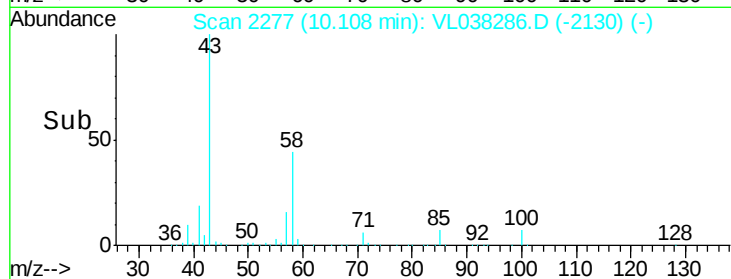
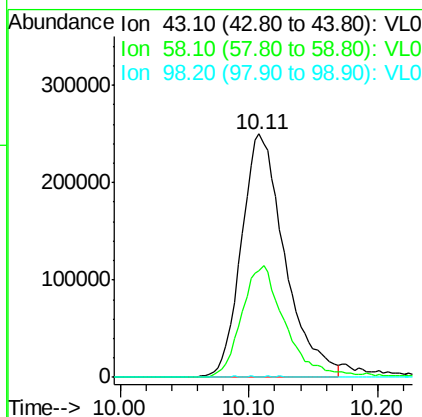
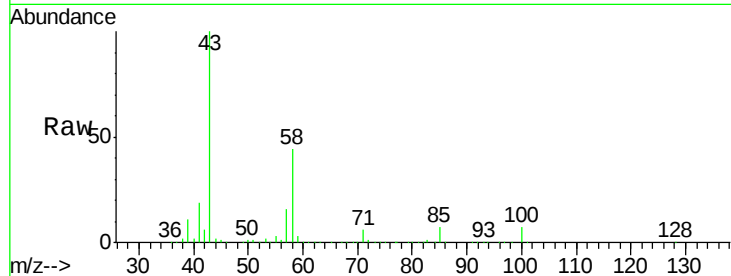
Abundance Ion 43.10 (42.80 to 43.80): VL0
Ion 58.10 (57.80 to 58.80): VL0





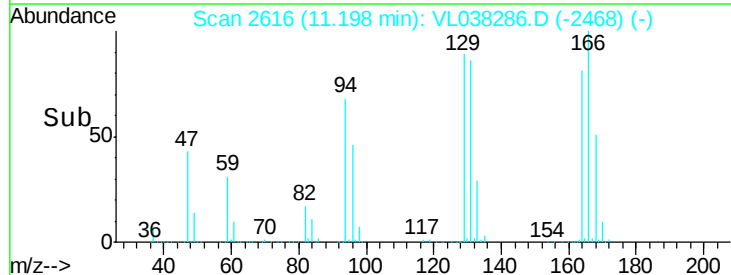
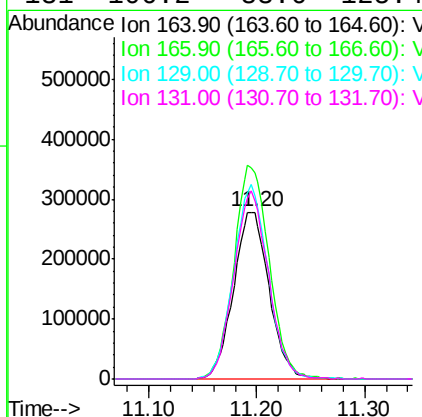
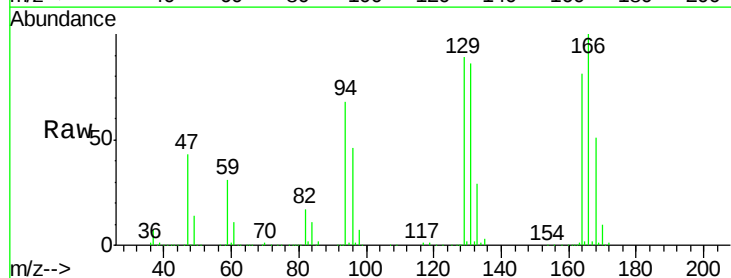
#51
2-Hexanone
Concen: 10.207 ppbv
RT: 10.11 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
VL0126ABS01
Acq: 26 Jan 2022 12:54

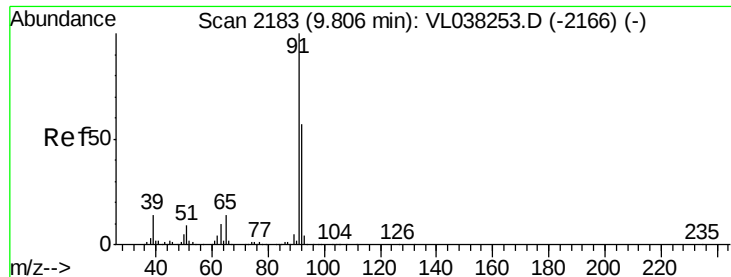
Tgt Ion: 43 Resp: 584674
Ion Ratio Lower Upper
43 100
58 47.8 37.0 55.4
98 0.6 0.2 0.2#



#52
Tetrachloroethene
Concen: 9.401 ppbv
RT: 11.20 min Scan# 2616
Delta R.T.: -0.02 min
Lab File: VL038286.D
Acq: 26 Jan 2022 12:54

Tgt Ion: 164 Resp: 638918
Ion Ratio Lower Upper
164 100
166 123.7 98.8 148.2
129 109.6 89.2 133.8
131 106.2 83.6 125.4





#53

Toluene

Concen: 10.174 ppbv

RT: 9.78 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

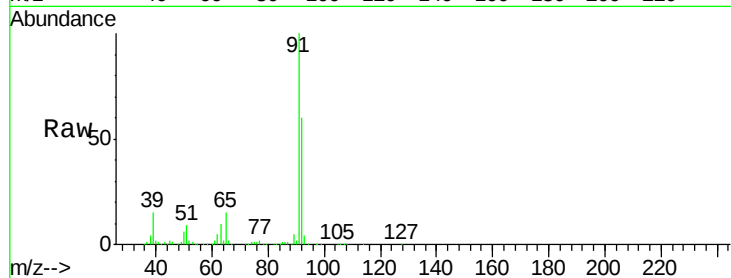
Acq: 26 Jan 2022 12:54 VL0126ABS01

Tgt Ion: 91 Resp: 2220787

Ion Ratio Lower Upper

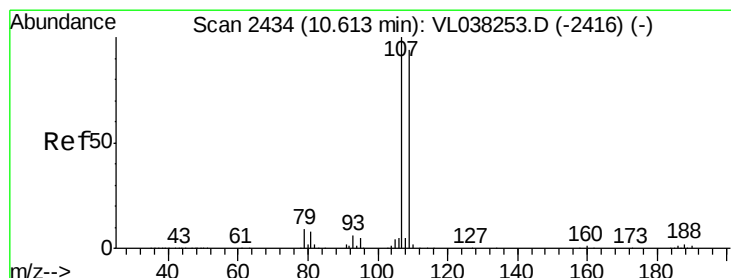
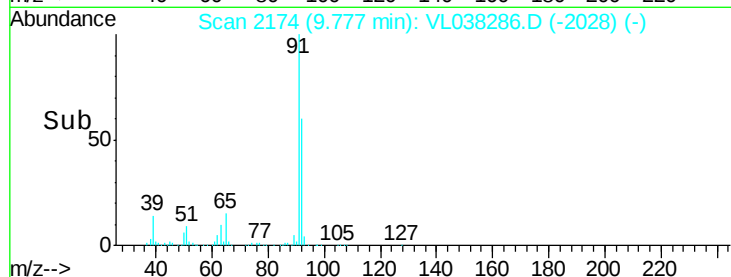
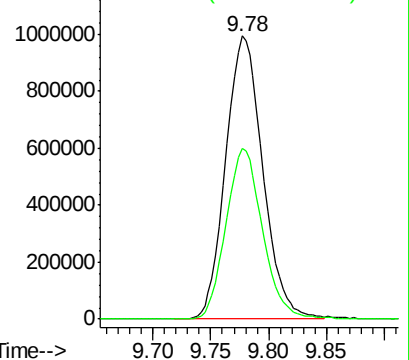
91 100

92 59.6 47.4 71.0



Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 92.10 (91.80 to 92.80): VL0



#54

1,2-Dibromoethane

Concen: 10.429 ppbv

RT: 10.58 min Scan# 2425

Delta R.T. -0.03 min

Lab File: VL038286.D

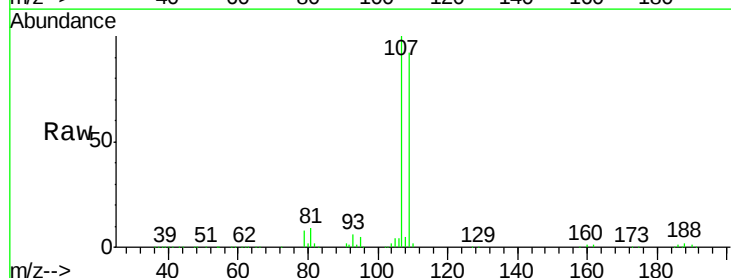
Acq: 26 Jan 2022 12:54

Tgt Ion: 107 Resp: 1164757

Ion Ratio Lower Upper

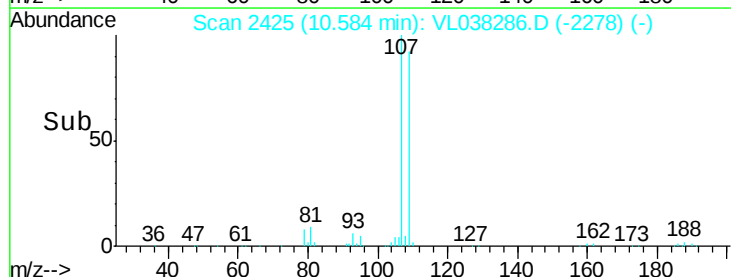
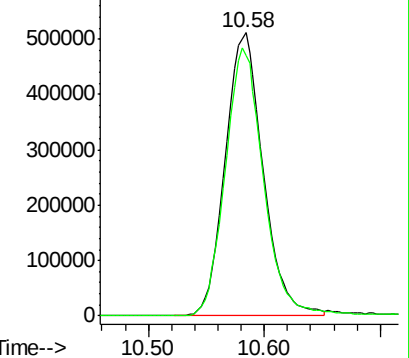
107 100

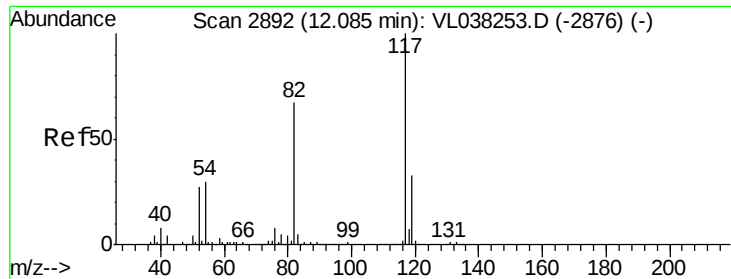
109 92.2 75.4 113.0



Abundance Ion 107.00 (106.70 to 107.70): V

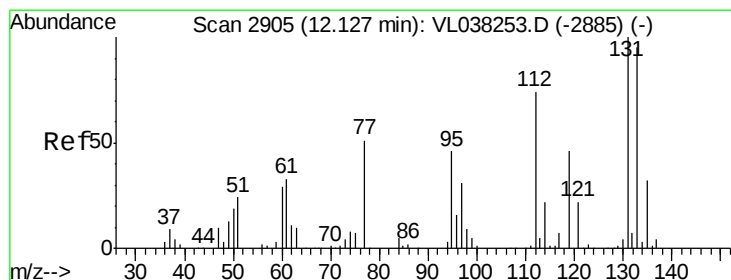
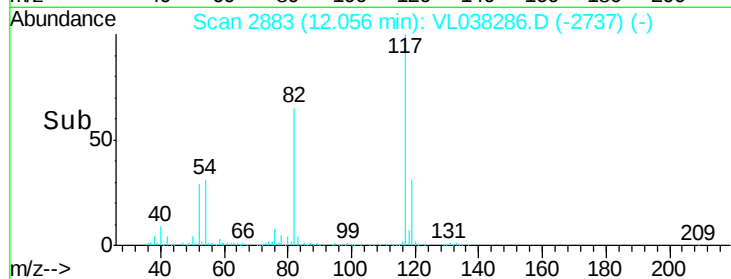
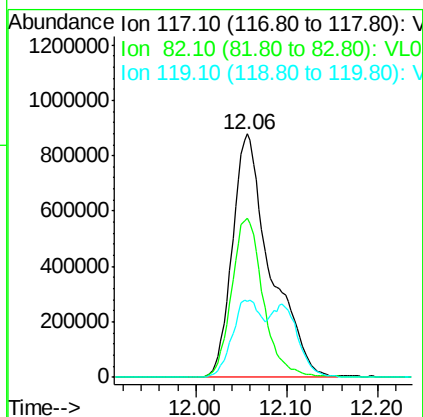
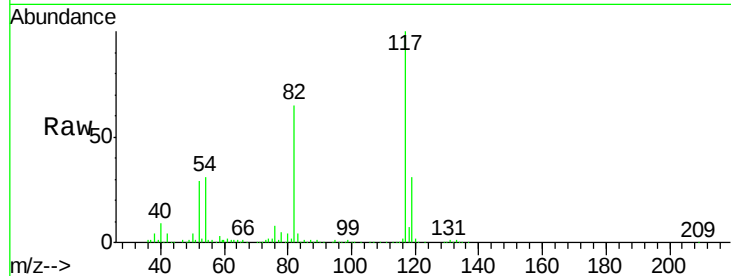
Ion 109.00 (108.70 to 109.70): V





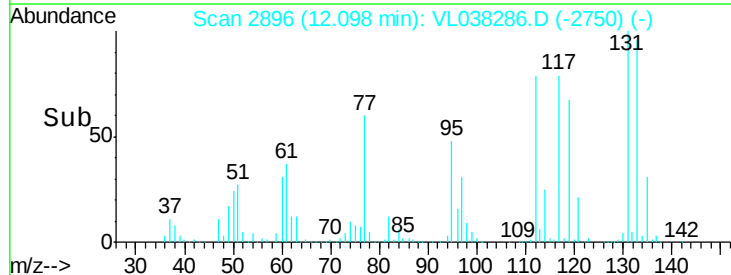
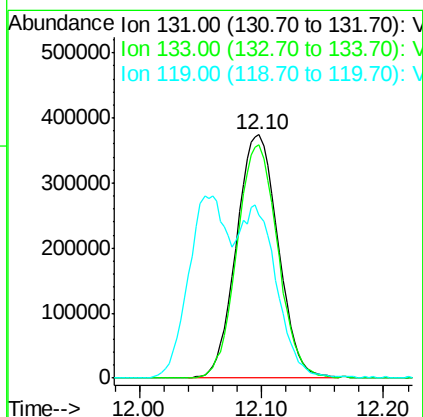
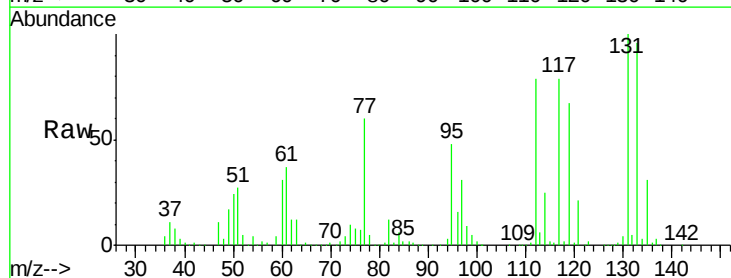
#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 12.06 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampled : VL0126ABS01
 Acq: 26 Jan 2022 12:54

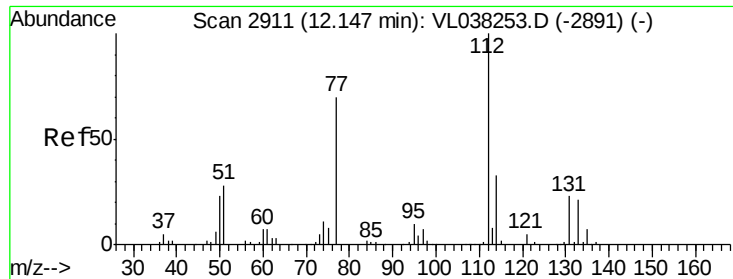
Tgt Ion:117 Resp: 2554860
 Ion Ratio Lower Upper
 117 100
 82 54.5 54.4 81.6
 119 24.3 45.9 68.9#



#56
 1,1,1,2-Tetrachloroethane
 Concen: 7.887 ppbv
 RT: 12.10 min Scan# 2896
 Delta R.T.: -0.03 min
 Lab File: VL038286.D
 Acq: 26 Jan 2022 12:54

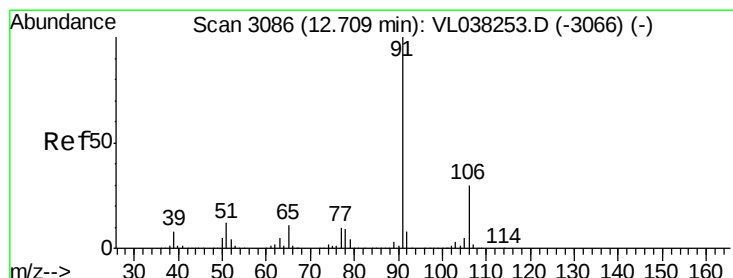
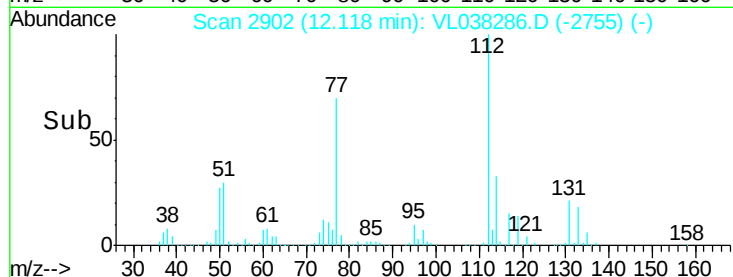
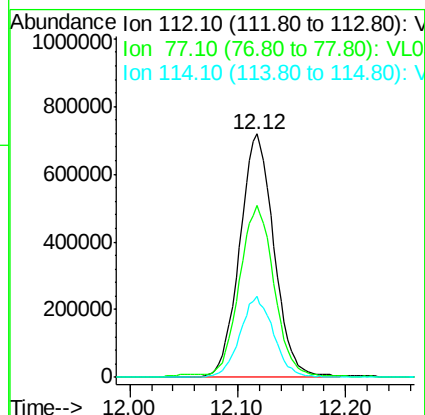
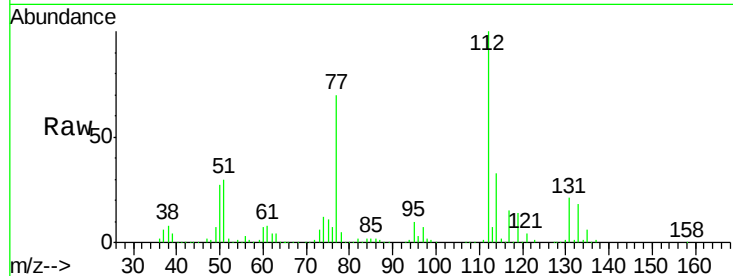
Tgt Ion:131 Resp: 881981
 Ion Ratio Lower Upper
 131 100
 133 94.3 76.0 114.0
 119 69.8 53.0 79.4





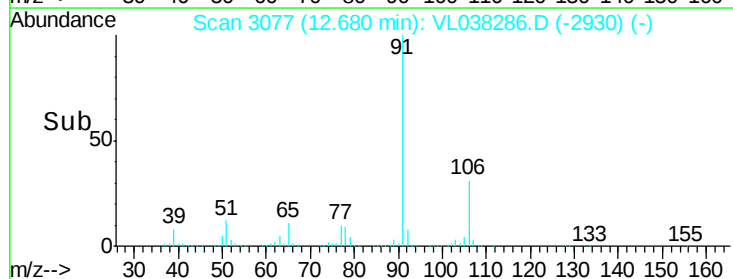
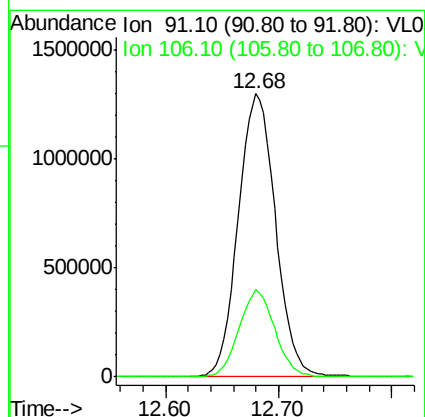
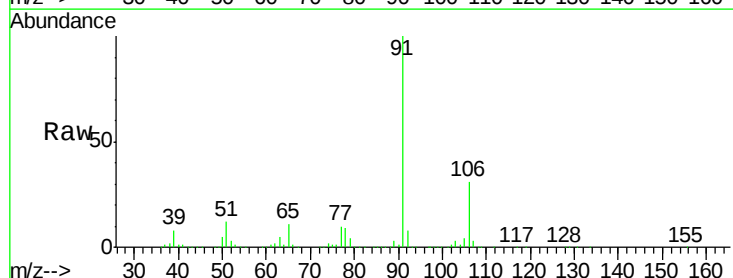
#57
Chlorobenzene
Concen: 7.783 ppbv
RT: 12.12 min
Delta R.T. MSVOA_L
Lab File: ClientSampleId : VL0126ABS01
Acq: 26 Jan 2022 12:54

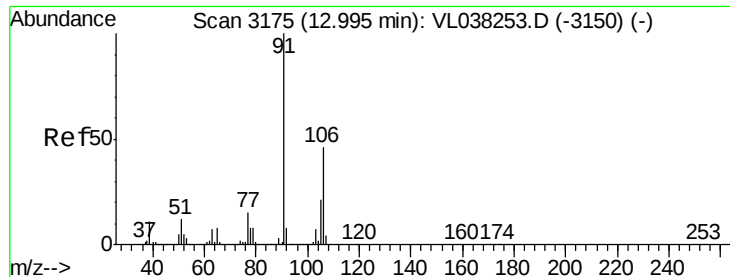
Tgt Ion: 112 Resp: 1591253
Ion Ratio Lower Upper
112 100
77 70.0 55.9 83.9
114 33.0 29.3 35.9



#58
Ethyl Benzene
Concen: 7.926 ppbv
RT: 12.68 min Scan# 3077
Delta R.T. -0.03 min
Lab File: VL038286.D
Acq: 26 Jan 2022 12:54

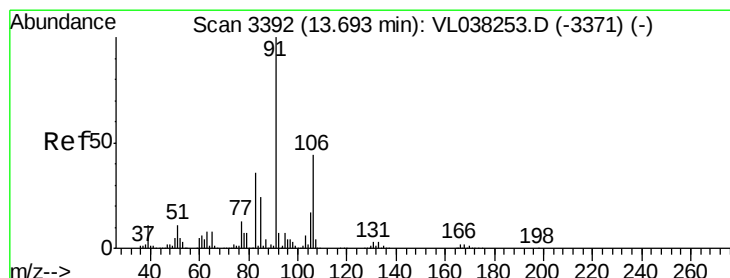
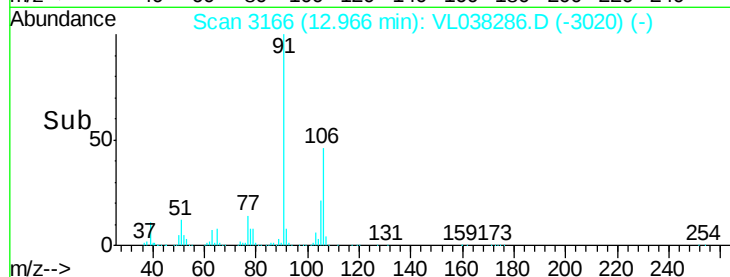
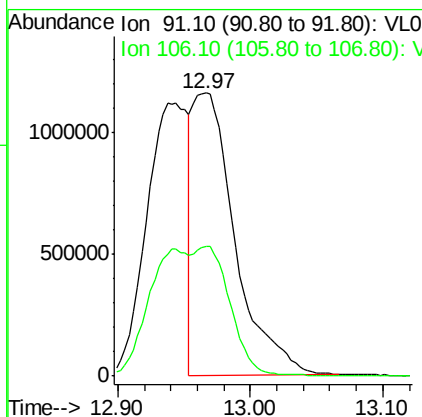
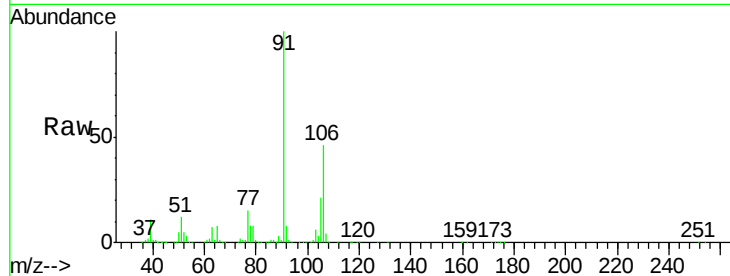
Tgt Ion: 91 Resp: 2976078
Ion Ratio Lower Upper
91 100
106 31.1 24.1 36.1





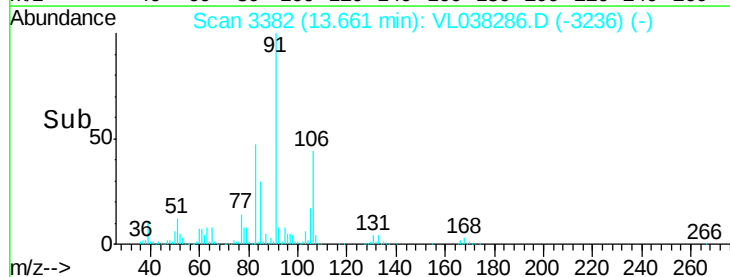
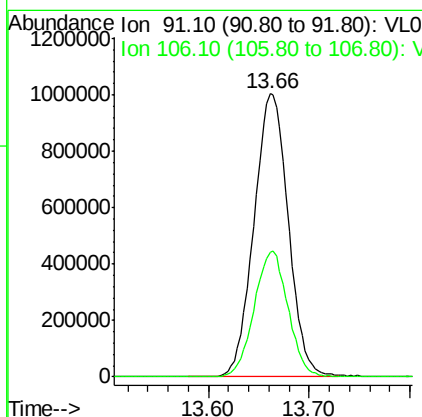
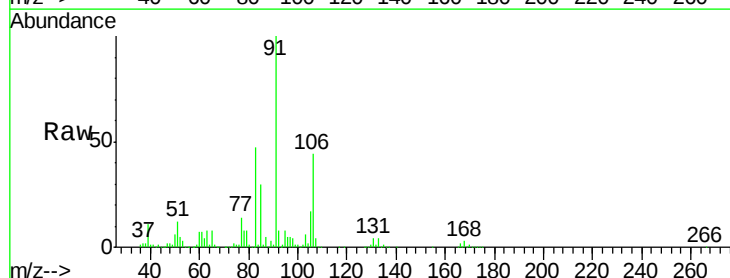
#59
m/p-Xylene
Concen: 7.971 ppbv
RT: 12.97
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
VL0126ABS01
Acq: 26 Jan 2022 12:54

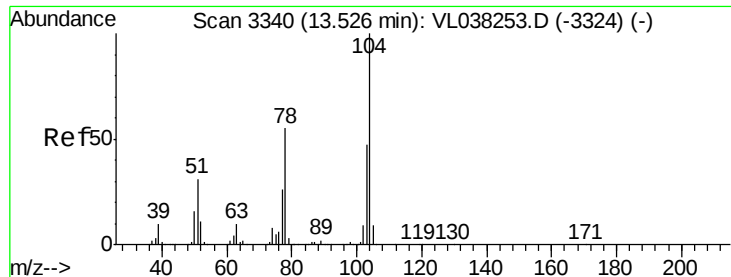
Tgt Ion: 91 Resp: 2553622
Ion Ratio Lower Upper
91 100
106 84.0 34.8 52.2#



#60
o-Xylene
Concen: 7.941 ppbv
RT: 13.66 min Scan# 3382
Delta R.T. -0.03 min
Lab File: VL038286.D
Acq: 26 Jan 2022 12:54

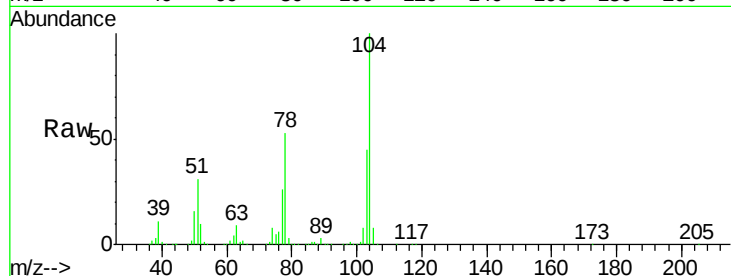
Tgt Ion: 91 Resp: 2366027
Ion Ratio Lower Upper
91 100
106 44.0 22.2 66.6



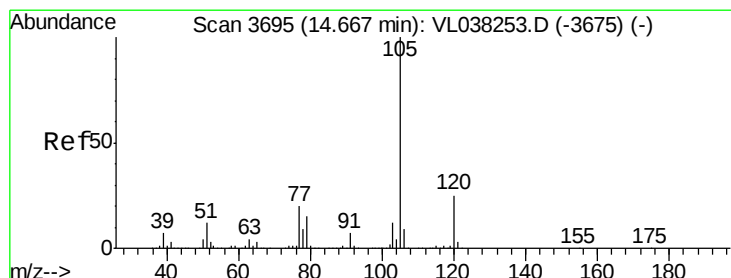
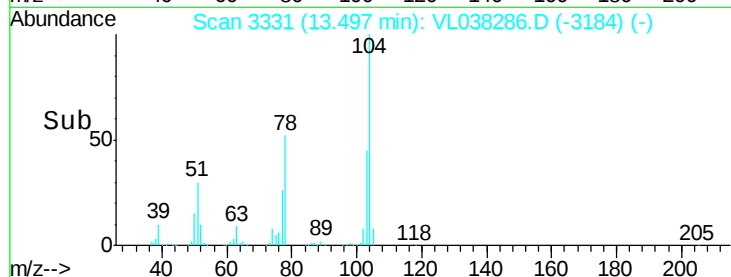
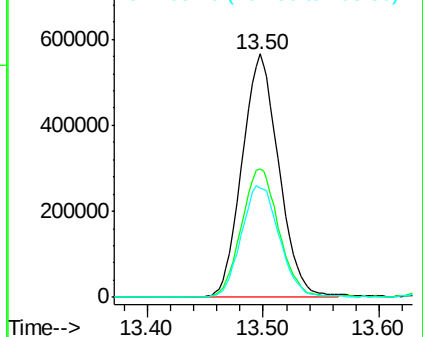


#61
Styrene
Concen: 8.976 ppbv
RT: 13.50
Delta R.T. MSVOA_L
Lab File: ClientSampleId : VL0126ABS01
Acq: 26 Jan 2022 12:54

Tgt Ion:104 Resp: 1248158
Ion Ratio Lower Upper
104 100
78 54.5 44.2 66.4
103 47.8 38.2 57.4

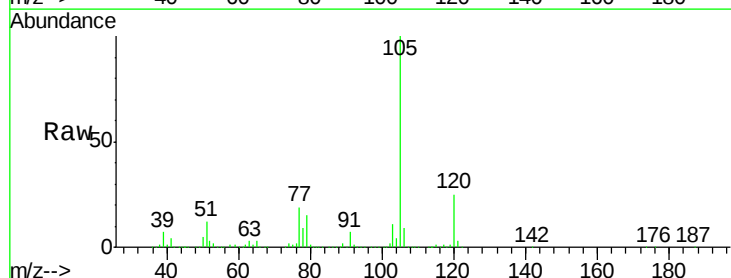


Abundance Ion 104.10 (103.80 to 104.80): V
Ion 78.10 (77.80 to 78.80): V
Ion 103.10 (102.80 to 103.80): V

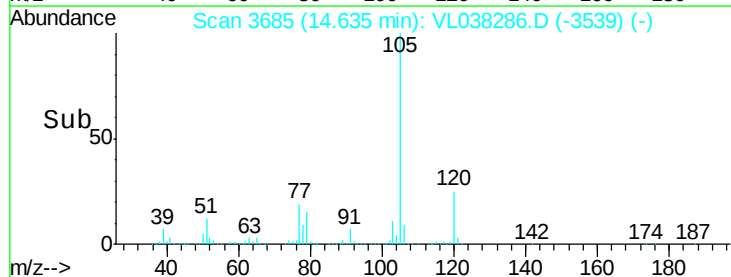
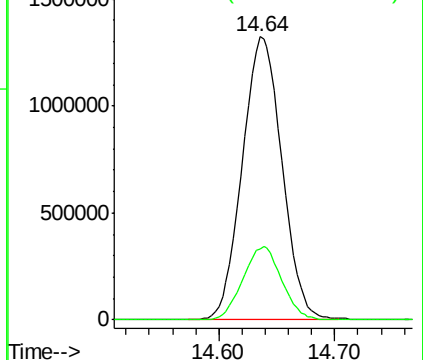


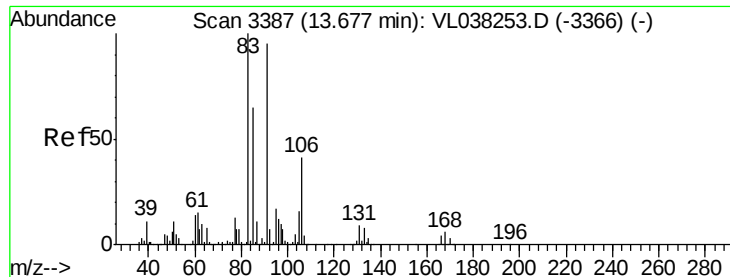
#62
Isopropylbenzene
Concen: 7.933 ppbv
RT: 14.64 min Scan# 3685
Delta R.T. -0.03 min
Lab File: VL038286.D
Acq: 26 Jan 2022 12:54

Tgt Ion:105 Resp: 3150832
Ion Ratio Lower Upper
105 100
120 25.6 20.5 30.7



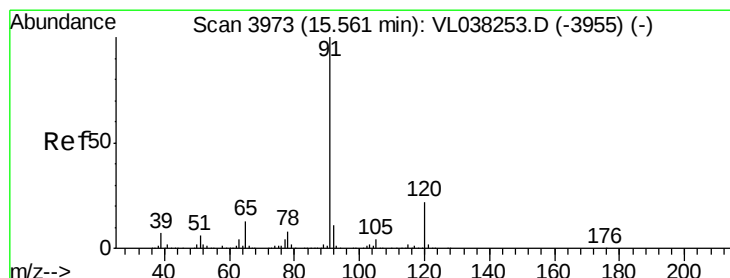
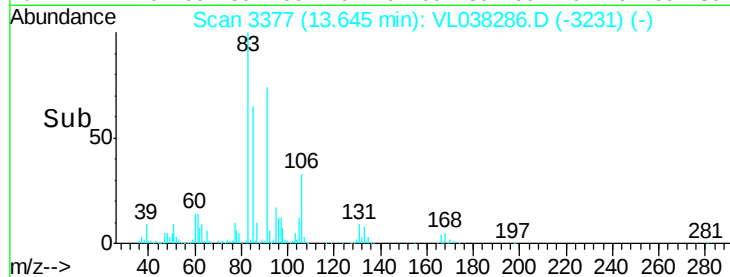
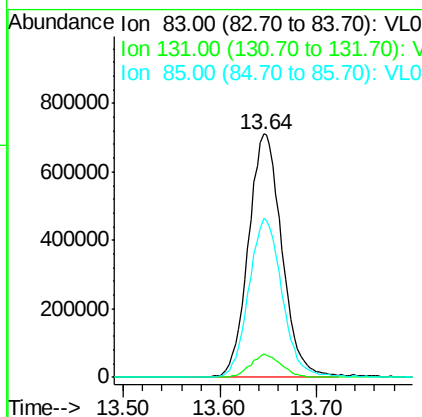
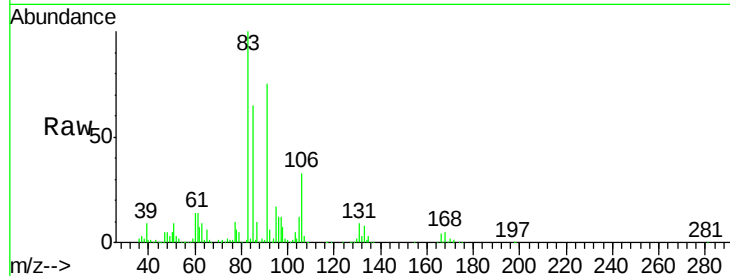
Abundance Ion 105.10 (104.80 to 105.80): V
Ion 120.20 (119.90 to 120.90): V





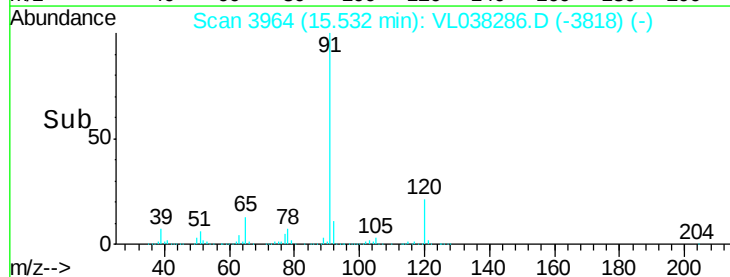
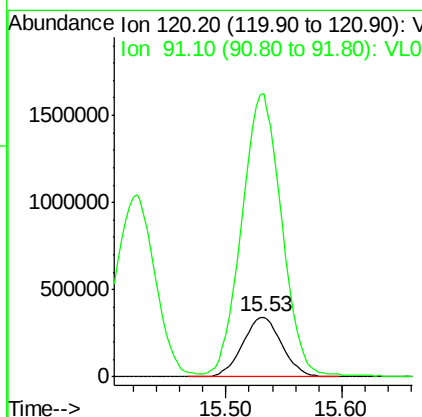
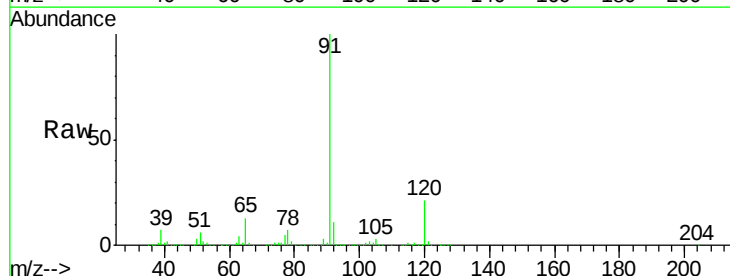
#63
 1,1,2,2-Tetrachloroethane
 Concen: 7.759 ppbv
 RT: 13.64
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId : VL0126ABS01
 Acq: 26 Jan 2022 12:54

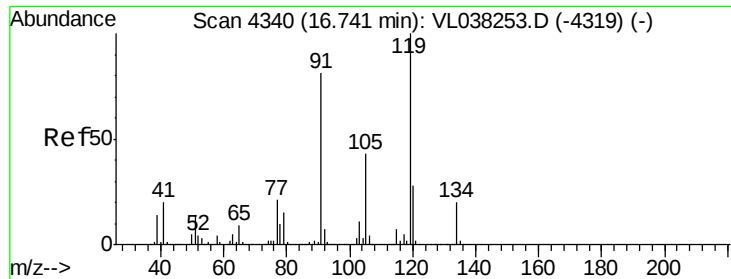
Tgt Ion: 83 Resp: 1710458
 Ion Ratio Lower Upper
 83 100
 131 8.9 4.5 13.5
 85 65.5 32.8 98.4



#64
 n-propylbenzene
 Concen: 8.443 ppbv
 RT: 15.53 min Scan# 3964
 Delta R.T. -0.03 min
 Lab File: VL038286.D
 Acq: 26 Jan 2022 12:54

Tgt Ion: 120 Resp: 806743
 Ion Ratio Lower Upper
 120 100
 91 483.5 390.8 586.2

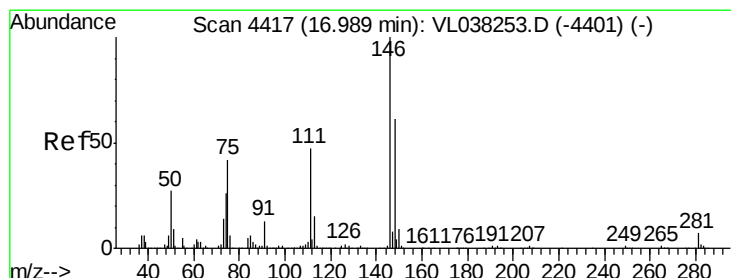
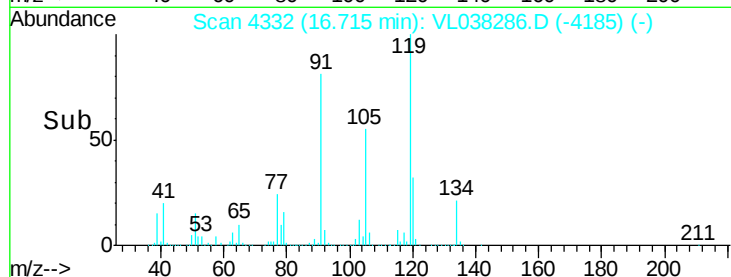
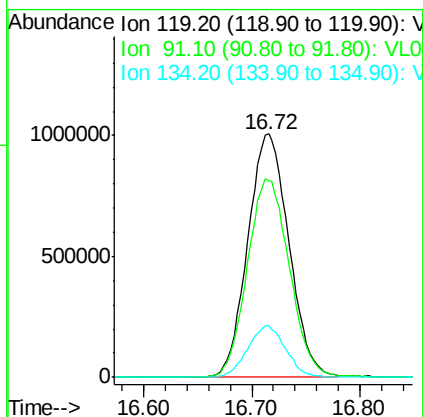
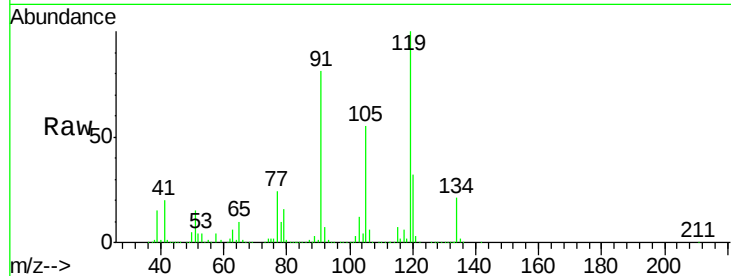




#65
 tert-Butylbenzene
 Concen: 8.136 ppbv
 RT: 16.72 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId : VL0126ABS01
 Acq: 26 Jan 2022 12:54

Tgt Ion: 119 Resp: 2661749

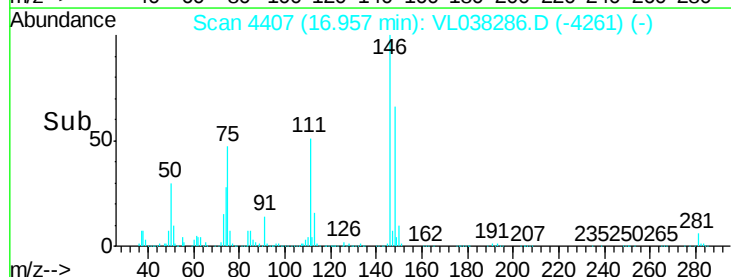
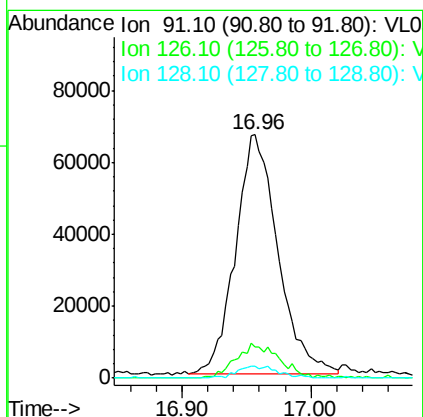
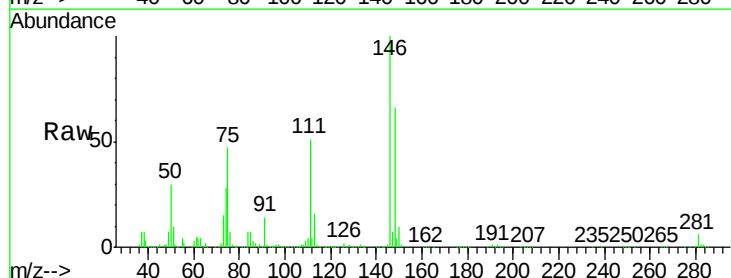
Ion	Ratio	Lower	Upper
119	100		
91	83.7	66.6	100.0
134	19.7	15.8	23.6

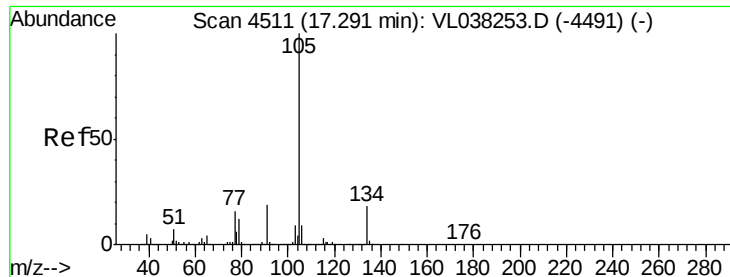


#66
 Benzyl Chloride
 Concen: 10.256 ppbv
 RT: 16.96 min Scan# 4407
 Delta R.T. -0.03 min
 Lab File: VL038286.D
 Acq: 26 Jan 2022 12:54

Tgt Ion: 91 Resp: 152415

Ion	Ratio	Lower	Upper
91	100		
126	14.9	12.6	18.8
128	5.1	4.3	6.5





#67

sec-Butylbenzene

Concen: 8.200 ppbv

RT: 17.27

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

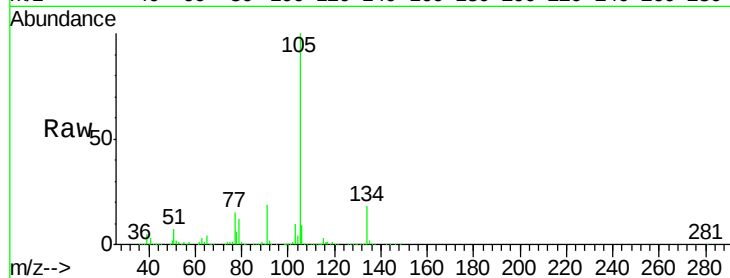
Acq: 26 Jan 2022 12:54

Tgt Ion: 105 Resp: 3731768

Ion Ratio Lower Upper

105 100

134 18.2 14.3 21.5



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 134.20 (133.90 to 134.90): V

17.27

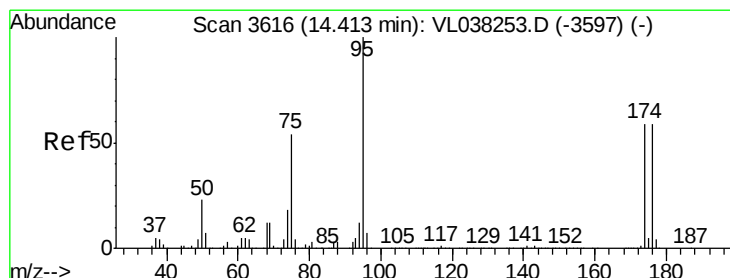
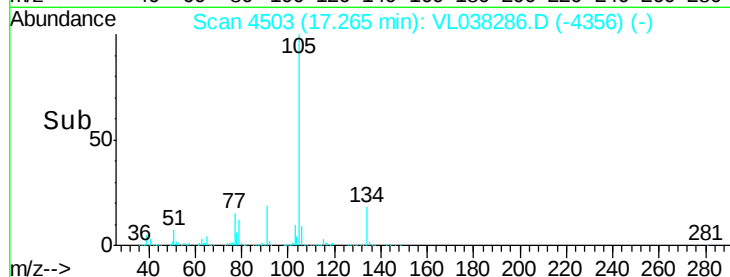
1500000

1000000

500000

0

Time-->



#68

1-Bromo-4-Fluorobenzene

Concen: 8.304 ppbv

RT: 14.38 min Scan# 3607

Delta R.T. -0.03 min

Lab File: VL038286.D

Acq: 26 Jan 2022 12:54

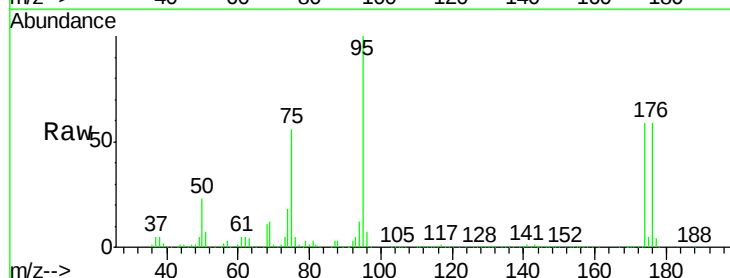
Tgt Ion: 95 Resp: 1610340

Ion Ratio Lower Upper

95 100

174 58.2 48.3 72.5

175 4.4 3.5 5.3



Abundance Ion 95.10 (94.80 to 95.80): VL0

Ion 174.00 (173.70 to 174.70): V

Ion 175.00 (174.70 to 175.70): V

14.38

800000

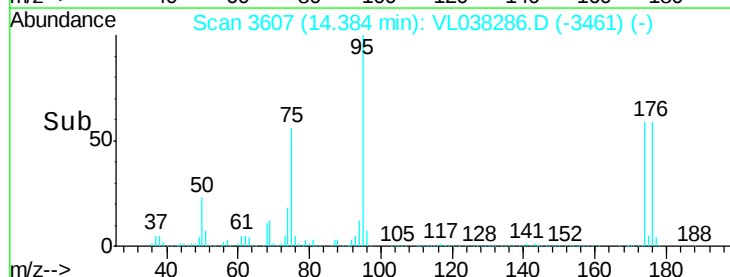
600000

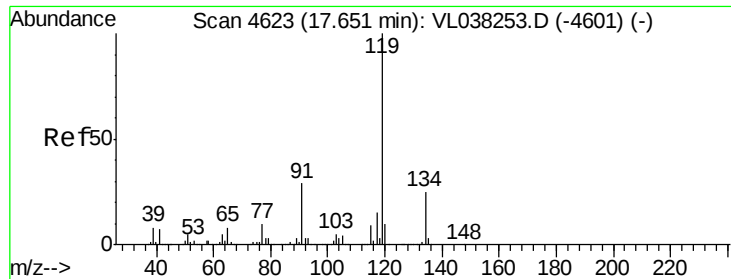
400000

200000

0

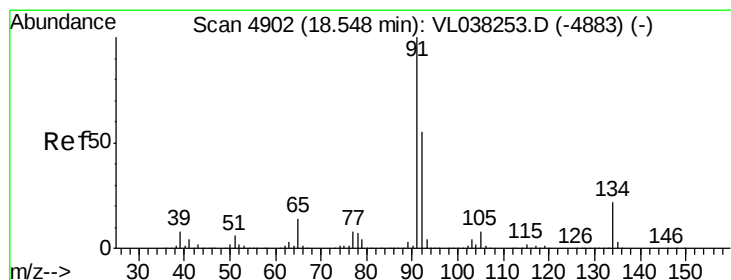
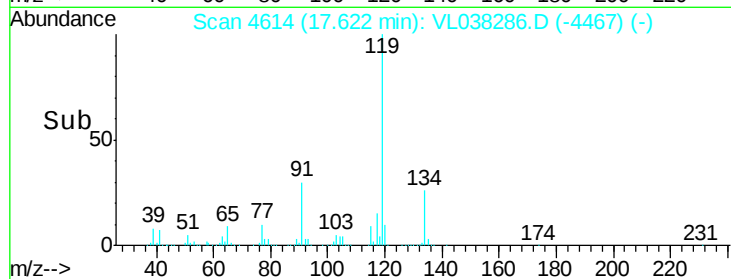
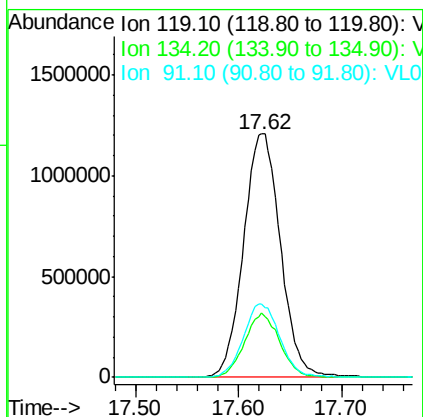
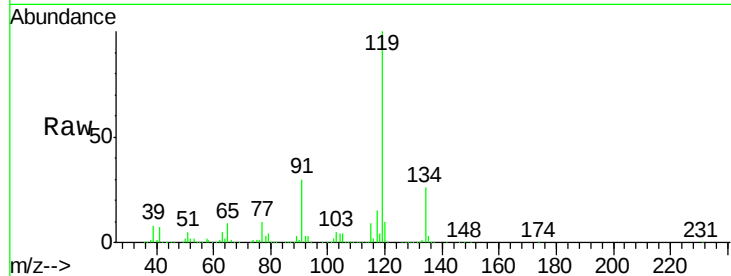
Time-->





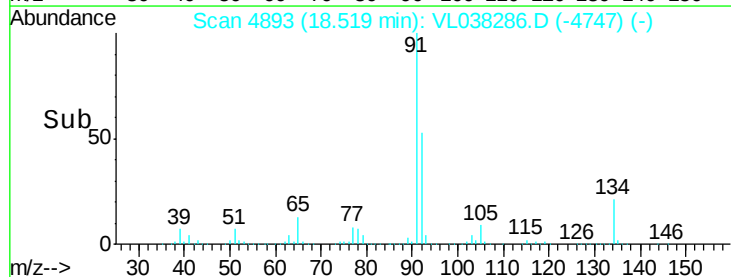
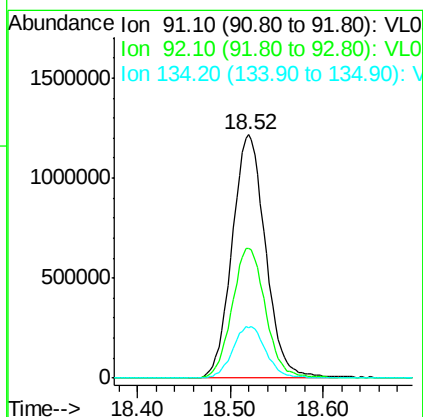
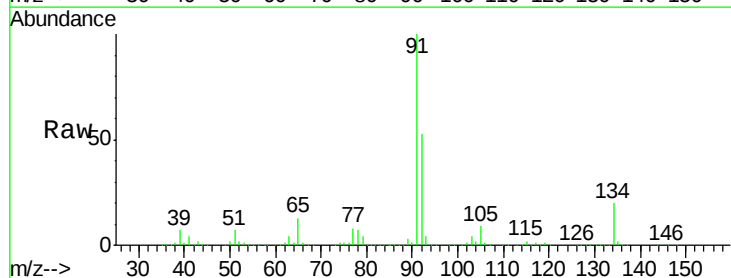
#69
 p-Isopropyltoluene
 Concen: 8.598 ppbv
 RT: 17.62 min
 Delta R.T.: MSVOA_L
 Lab File: ClientSampleId : VL0126ABS01
 Acq: 26 Jan 2022 12:54

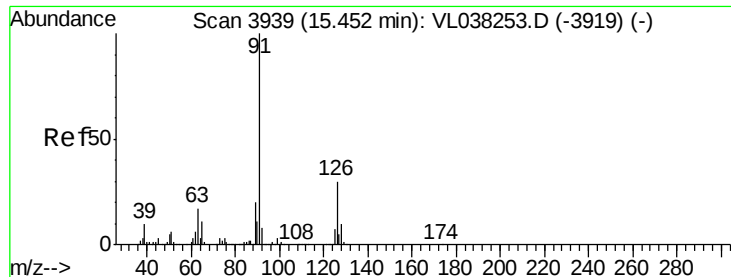
Tgt Ion: 119 Resp: 2994230
 Ion Ratio Lower Upper
 119 100
 134 25.4 20.2 30.2
 91 29.8 23.2 34.8



#70
 n-Butylbenzene
 Concen: 8.907 ppbv
 RT: 18.52 min Scan# 4893
 Delta R.T.: -0.03 min
 Lab File: VL038286.D
 Acq: 26 Jan 2022 12:54

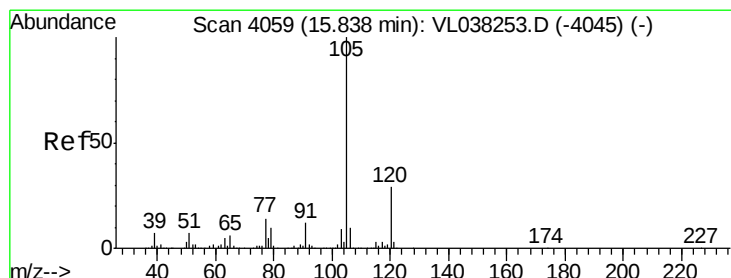
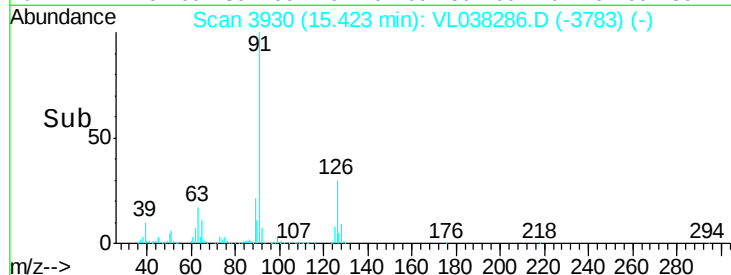
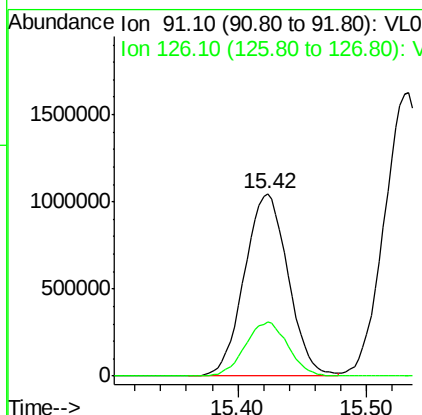
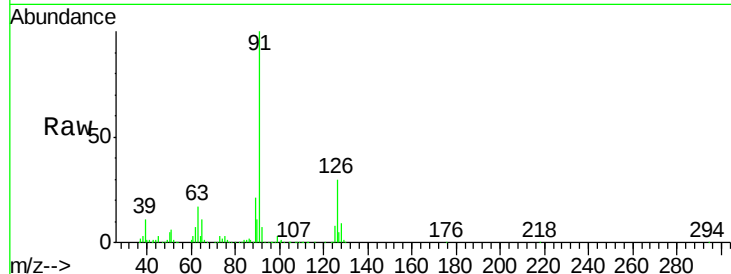
Tgt Ion: 91 Resp: 3038320
 Ion Ratio Lower Upper
 91 100
 92 53.7 43.4 65.0
 134 21.3 17.3 25.9





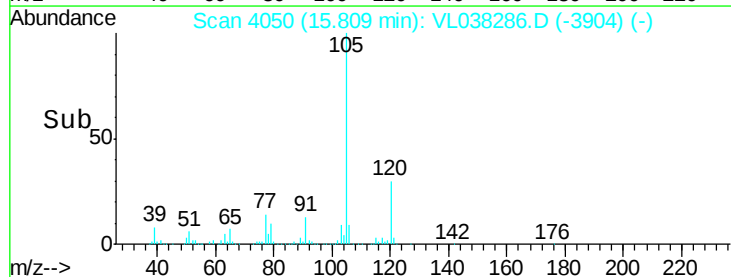
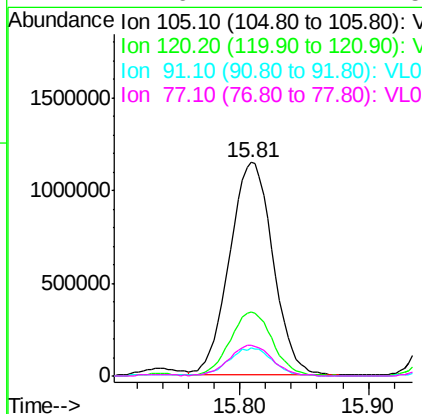
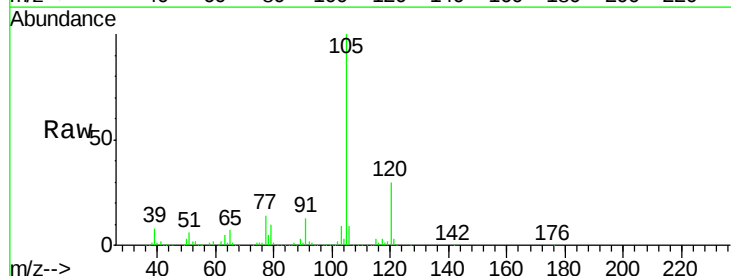
#71
 2-Chlorotoluene
 Concen: 8.365 ppbv
 RT: 15.42 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId : VL0126ABS01
 Acq: 26 Jan 2022 12:54

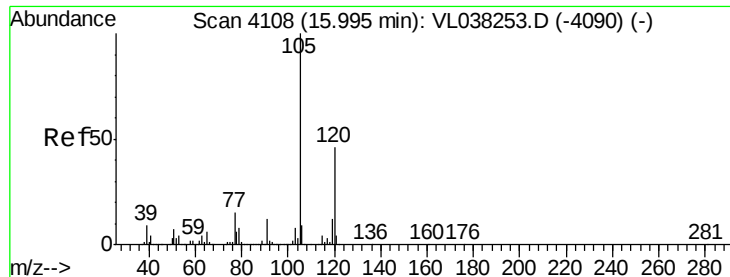
Tgt Ion: 91 Resp: 2460965
 Ion Ratio Lower Upper
 91 100
 126 29.6 12.1 48.5



#72
 4-Ethyltoluene
 Concen: 8.614 ppbv
 RT: 15.81 min Scan# 4050
 Delta R.T. -0.03 min
 Lab File: VL038286.D
 Acq: 26 Jan 2022 12:54

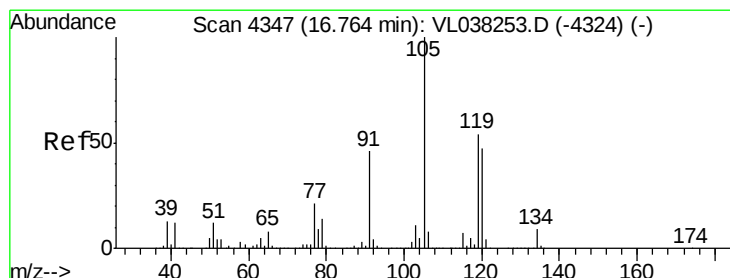
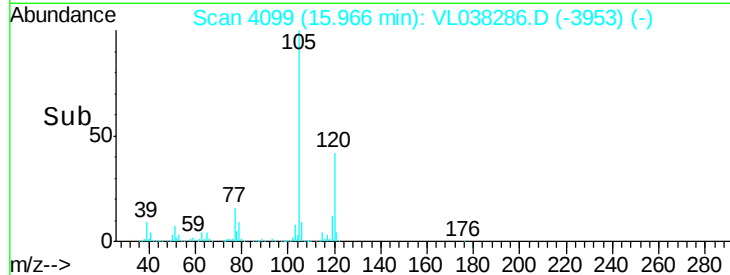
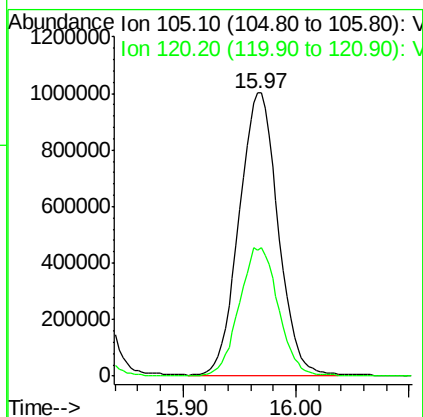
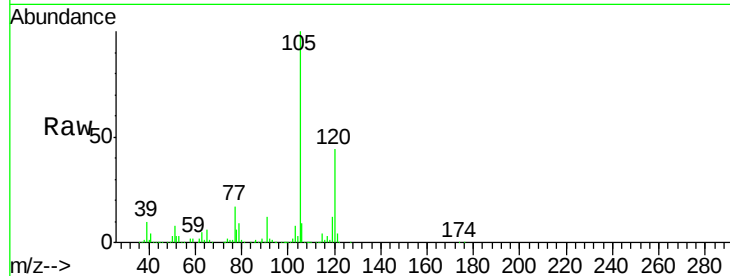
Tgt Ion: 105 Resp: 2684096
 Ion Ratio Lower Upper
 105 100
 120 29.7 23.8 35.8
 91 12.9 10.2 15.4
 77 14.6 11.7 17.5





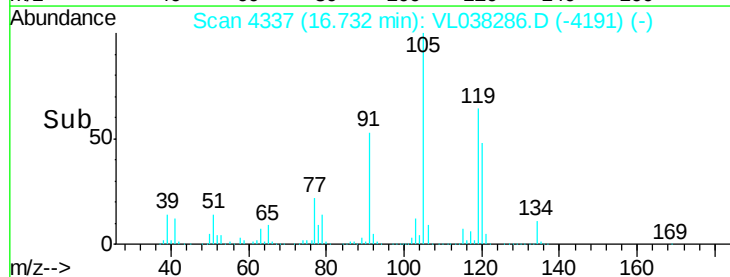
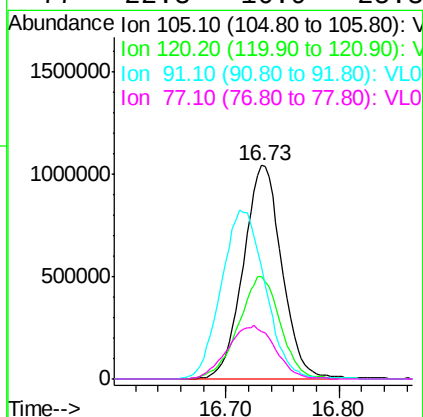
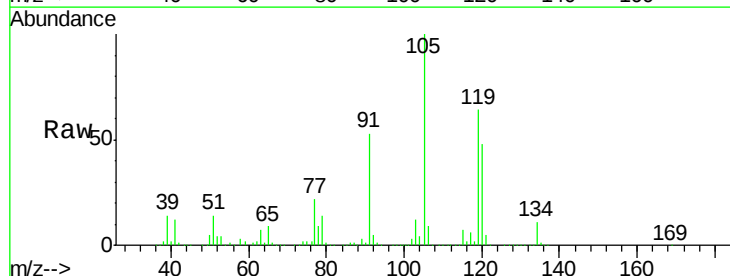
#73
 1,3,5-Trimethylbenzene
 Concen: 8.506 ppbv
 RT: 15.97 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId : VL0126ABS01
 Acq: 26 Jan 2022 12:54

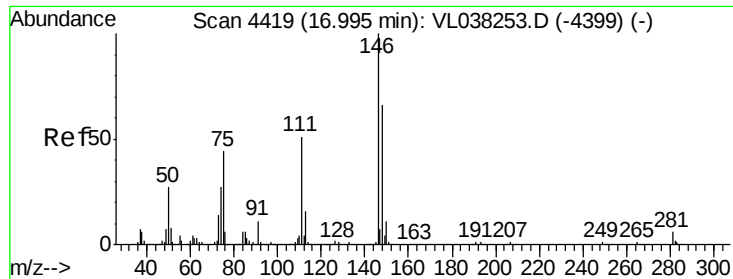
Tgt Ion:105 Resp: 2383392
 Ion Ratio Lower Upper
 105 100
 120 44.4 36.6 55.0



#74
 1,2,4-Trimethylbenzene
 Concen: 8.315 ppbv
 RT: 16.73 min Scan# 4337
 Delta R.T. -0.03 min
 Lab File: VL038286.D
 Acq: 26 Jan 2022 12:54

Tgt Ion:105 Resp: 2454599
 Ion Ratio Lower Upper
 105 100
 120 47.9 37.2 55.8
 91 52.3 36.6 55.0
 77 22.3 16.9 25.3





#75

1,3-Dichlorobenzene

Concen: 8.583 ppbv

RT: 16.97

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 26 Jan 2022 12:54

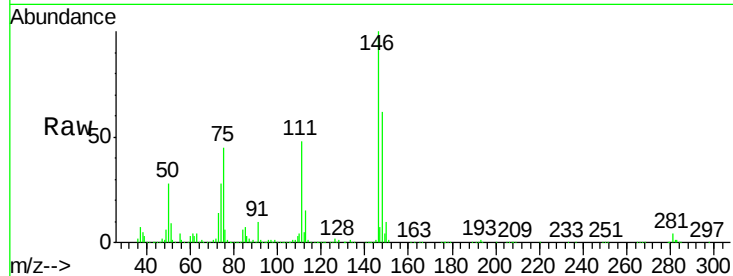
Tgt Ion:146 Resp: 1359622

Ion Ratio Lower Upper

146 100

111 49.4 24.1 72.4

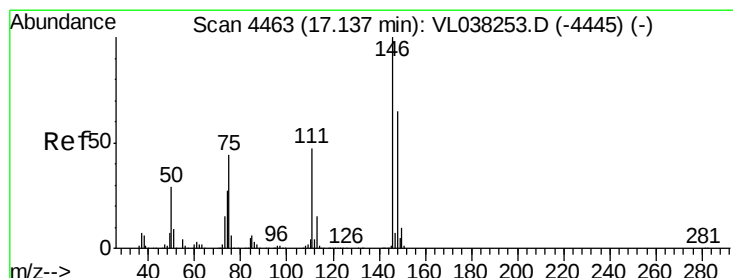
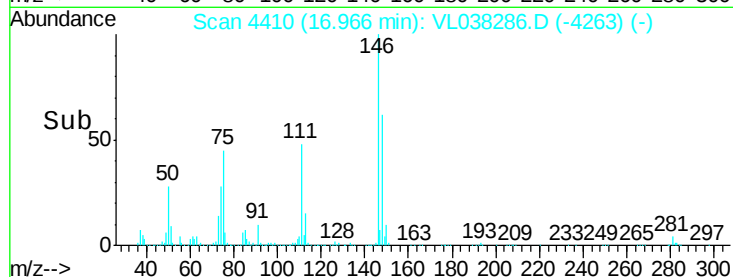
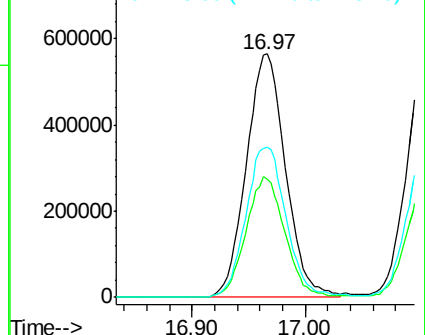
148 63.6 32.1 96.5



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: 8.620 ppbv

RT: 17.11 min Scan# 4454

Delta R.T. -0.03 min

Lab File: VL038286.D

Acq: 26 Jan 2022 12:54

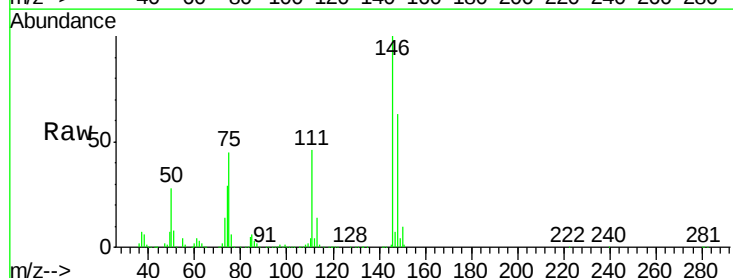
Tgt Ion:146 Resp: 1322022

Ion Ratio Lower Upper

146 100

111 48.3 23.2 69.6

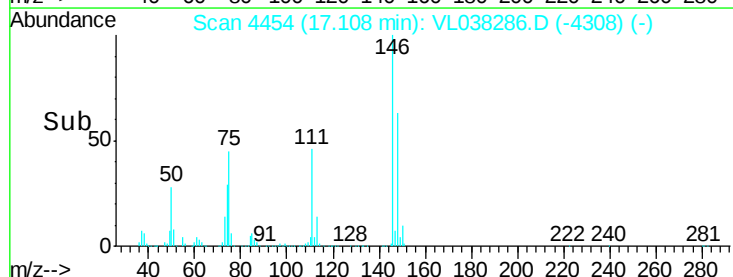
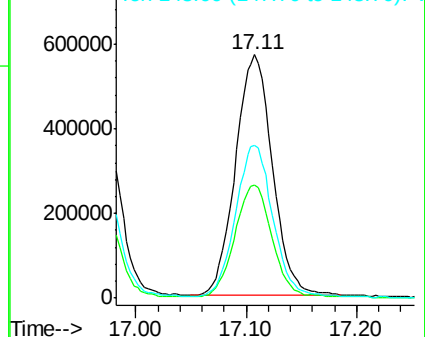
148 65.5 32.4 97.0

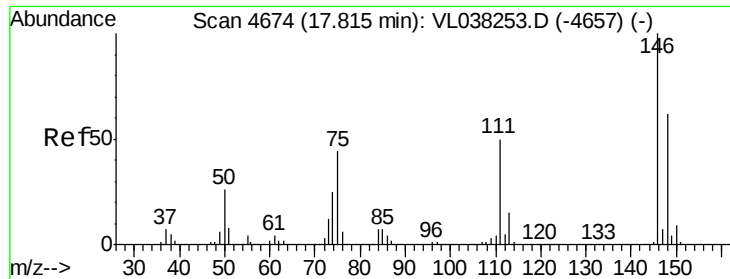


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.10 (110.80 to 111.80): V

Ion 148.00 (147.70 to 148.70): V





#77

1,2-Dichlorobenzene

Concen: 8.526 ppbv

RT: 17.79

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 26 Jan 2022 12:54

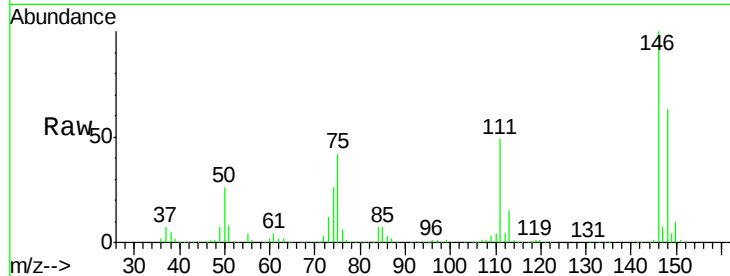
Tgt Ion:146 Resp: 1254401

Ion Ratio Lower Upper

146 100

111 51.2 25.2 75.6

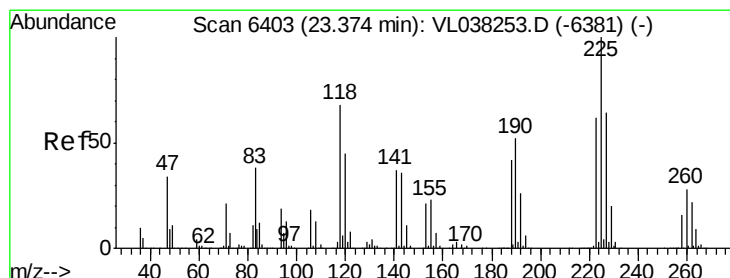
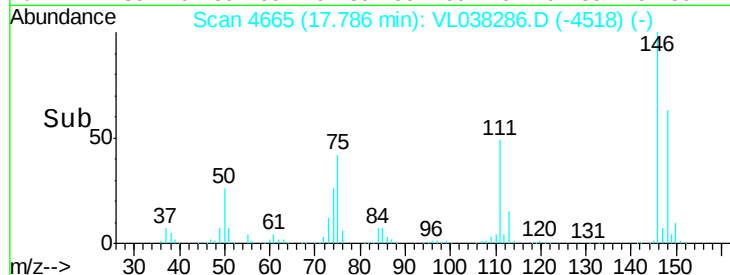
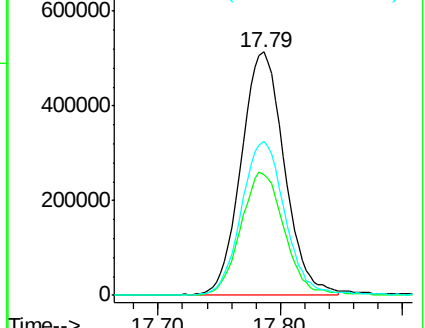
148 64.4 32.6 97.8



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: 6.494 ppbv

RT: 23.34 min Scan# 6393

Delta R.T. -0.03 min

Lab File: VL038286.D

Acq: 26 Jan 2022 12:54

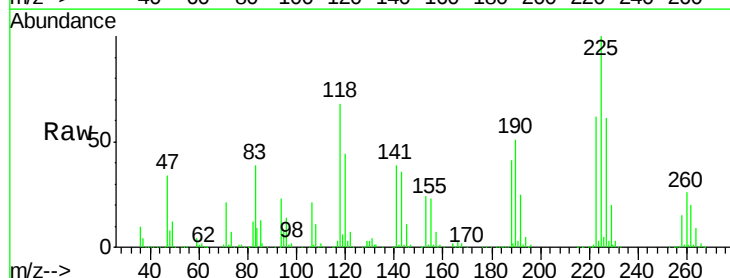
Tgt Ion:225 Resp: 664311

Ion Ratio Lower Upper

225 100

223 65.3 51.7 77.5

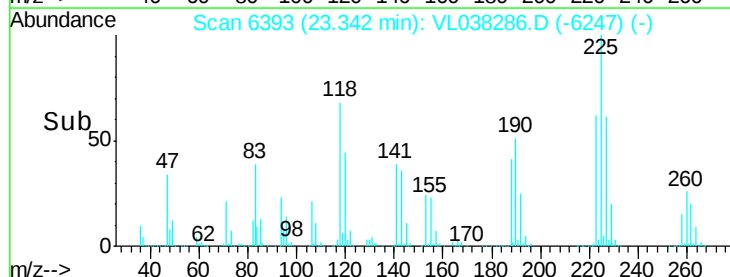
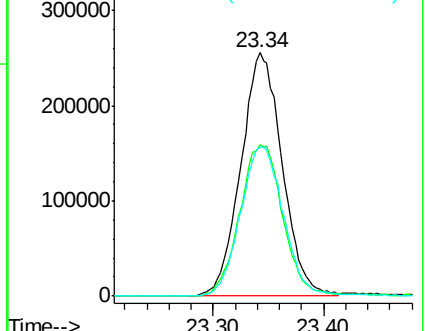
227 63.8 51.4 77.0

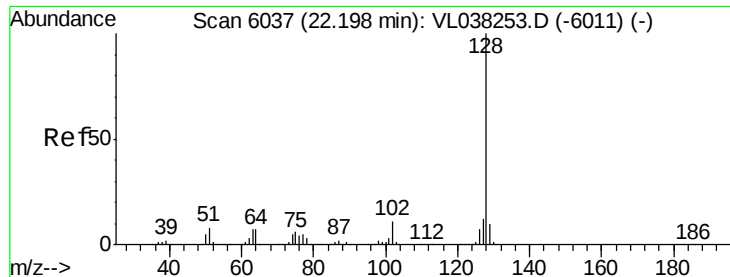


Abundance Ion 224.90 (224.60 to 225.60): V

Ion 222.90 (222.60 to 223.60): V

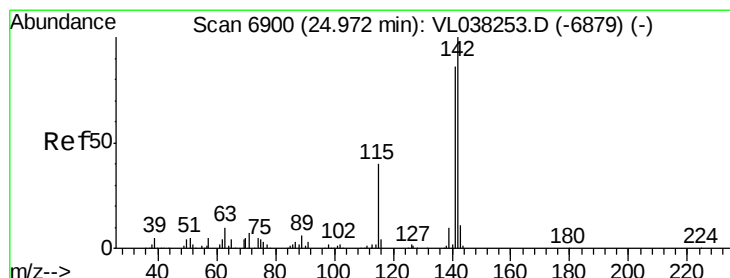
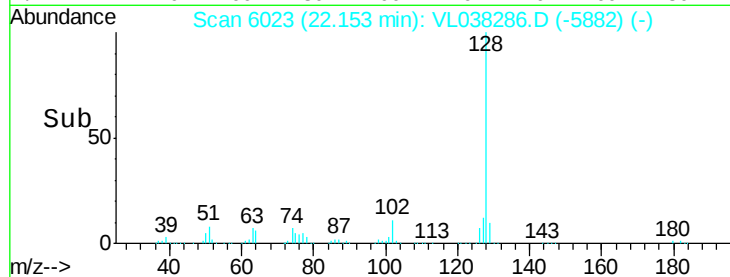
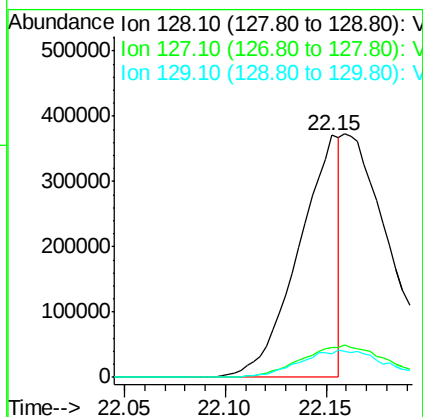
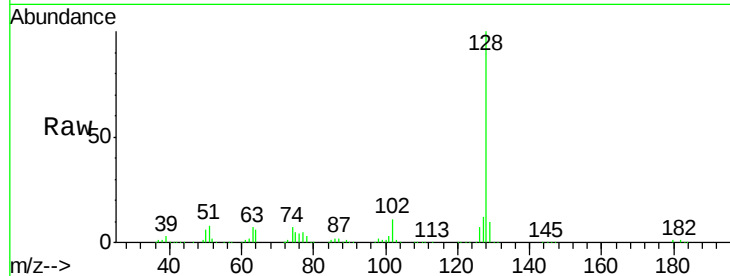
Ion 226.90 (226.60 to 227.60): V





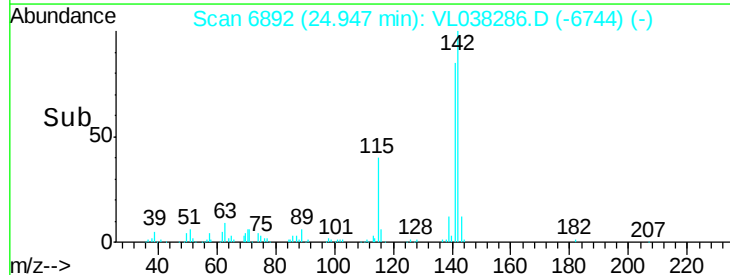
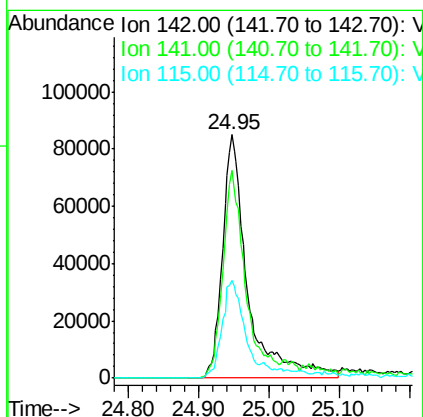
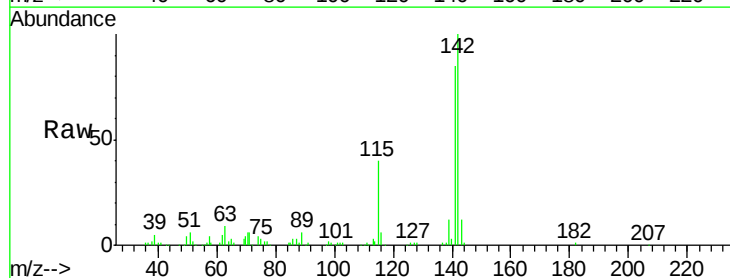
#79
Naphthalene
Concen: 3.773 ppbv
RT: 22.15 min
Delta R.T. MSVOA_L
Lab File: ClientSampleId : VL0126ABS01
Acq: 26 Jan 2022 12:54

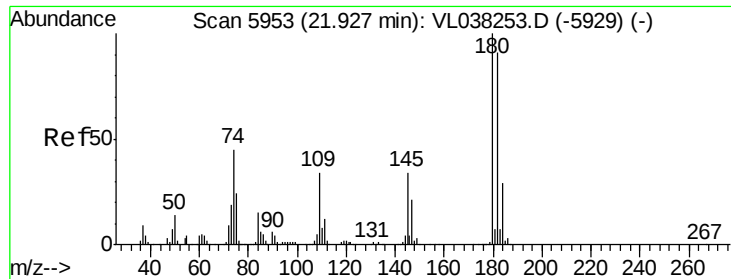
Tgt Ion:	128	Resp:	520794
Ion	Ratio	Lower	Upper
128	100		
127	12.0	9.7	14.5
129	9.8	8.1	12.1



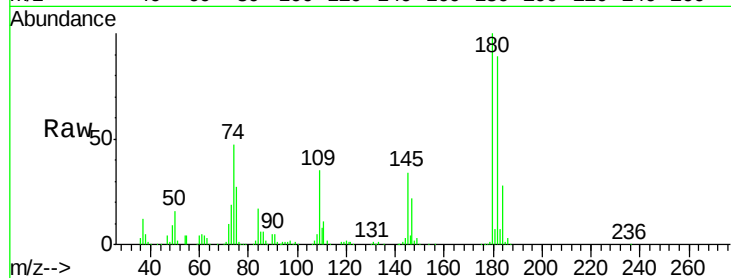
#80
Naphthalene, 2-methyl-
Concen: 14.177 ppbv
RT: 24.95 min Scan# 6892
Delta R.T. -0.03 min
Lab File: VL038286.D
Acq: 26 Jan 2022 12:54

Tgt Ion:	142	Resp:	212779
Ion	Ratio	Lower	Upper
142	100		
141	84.8	70.2	105.4
115	40.5	31.8	47.6





#81
 1,2,4-Trichlorobenzene
 Concen: 3.427 ppbv
 RT: 21.88
 Delta R.T: MSVOA_L
 Lab File: ClientSampleId : VL0126ABS01
 Acq: 26 Jan 2022 12:54



Tgt Ion:180 Resp: 278219
 Ion Ratio Lower Upper
 180 100
 182 0.0 77.7 116.5#
 184 0.0 24.4 36.6#

