

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL102721\
 Data File : VL037911.D
 Acq On : 27 Oct 2021 11:15
 Operator : SY/AP
 Sample : VL1027ABS01
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA L
 ClientSampleId :
 VL1027ABS01

Quant Time: Oct 28 05:17:26 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL100421AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Oct 04 17:43:54 2021
 QLast Update : Mon Oct 04 17:43:54 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.69	49	1521500	10.00	ppbv	0.02
33) 1,4-Difluorobenzene	7.20	114	4459136	10.00	ppbv	0.03
55) Chlorobenzene-d5	12.11	117	4952487	10.00	ppbv	0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.44	95	2874659	8.30	ppbv	0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	83.00%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	3.07	85	1756414	7.227 ppbv	98
3) Chlorodifluoromethane	3.01	51	2607042	8.918 ppbv	99
4) Chloromethane	3.16	50	1021015	9.535 ppbv	97
5) Vinyl Chloride	3.28	62	961522	9.796 ppbv	99
6) Bromomethane	3.49	94	441192	8.309 ppbv	91
7) Chloroethane	3.58	64	356611	9.881 ppbv	98
8) Dichlorotetrafluoroethane	3.20	85	2215868	9.225 ppbv	99
9) Propene	3.02	41	959911	8.924 ppbv	100
10) Heptane	8.15	43	2448112	10.021 ppbv	100
11) Trichlorofluoromethane	3.97	101	2029319	9.359 ppbv	99
12) 1,1,2-Trichlorotrifluoroet	4.51	101	1506896	9.172 ppbv	99
13) Ethanol	3.63	45	91569	10.409 ppbv	85
14) Bromoethene	3.76	108	682108	9.443 ppbv	96
15) Acetone	3.87	43	1460630	10.694 ppbv	99
16) 1,3-Butadiene	3.35	39	952270	9.582 ppbv	100
17) tert-Butyl alcohol	4.31	59	1338777	9.517 ppbv	98
18) 1,1-Dichloroethene	4.31	96	701779	9.400 ppbv	97
19) Isopropyl Alcohol	3.98	45	789330	9.289 ppbv	# 94
20) Methylene Chloride	4.37	84	576604	8.355 ppbv	98
21) Allyl Chloride	4.43	41	1115067	9.215 ppbv	99
22) trans-1,2-Dichloroethene	4.91	96	713857	9.510 ppbv	95
23) Vinyl Acetate	5.10	43	1946020	9.507 ppbv	# 97
24) 1,1-Dichloroethane	5.03	63	1430205	9.599 ppbv	100
25) Ethyl Acetate	5.70	43	3726897	9.724 ppbv	99
26) Hexane	5.71	57	1745175	9.247 ppbv	98
27) Carbon Disulfide	4.57	76	1786304	10.680 ppbv	98
28) Methyl tert-Butyl Ether	5.05	73	1387459	8.830 ppbv	100
29) Chloroform	5.77	83	2482843	9.204 ppbv	98
30) Cyclohexane	7.15	84	1479755	9.246 ppbv	99
31) cis-1,2-Dichloroethene	5.57	61	1601619	9.348 ppbv	99
32) 1,1,1-Trichloroethane	6.54	97	2361380	9.233 ppbv	100
34) 2-Butanone	5.27	43	1650379	9.168 ppbv	100
35) Carbon Tetrachloride	7.04	117	2459021	9.710 ppbv	99
36) Benzene	6.92	78	3651567	9.587 ppbv	99
37) 1,2-Dichloroethane	6.33	62	1746690	9.740 ppbv	100
38) Trichloroethene	7.86	130	1449569	9.634 ppbv	93
39) 1,2-Dichloropropane	7.64	63	1385789	9.673 ppbv	95
40) 1,4-Dioxane	7.86	88	330132	9.209 ppbv	# 100
41) Tetrahydrofuran	6.08	42	853028	9.677 ppbv	97
42) Bromodichloromethane	7.82	83	2594735	9.850 ppbv	99
43) Methyl Methacrylate	8.04	69	1288071	10.354 ppbv	99

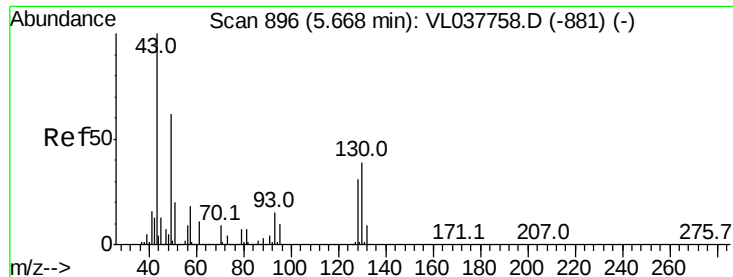
Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL102721\
 Data File : VL037911.D
 Acq On : 27 Oct 2021 11:15
 Operator : SY/AP
 Sample : VL1027ABS01
 Misc : 400mL/MSVOA L
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Instrument :
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Quant Time: Oct 28 05:17:26 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL100421AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Oct 04 17:43:54 2021
 QLast Update : Mon Oct 04 17:43:54 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,2,4-Trimethylpentane	7.89	57	6158281	9.624	ppbv	99
45) t-1,3-Dichloropropene	9.30	75	865744	10.114	ppbv	99
46) cis-1,3-Dichloropropene	8.73	75	1219707	10.280	ppbv	100
47) 1,1,2-Trichloroethane	9.50	97	1490233	9.569	ppbv	97
48) Dibromochloromethane	10.33	129	2342895	10.553	ppbv	100
49) Bromoform	13.07	173	1920639	11.306	ppbv	96
50) 4-Methyl-2-Pentanone	8.77	43	2402392	10.251	ppbv	100
51) 2-Hexanone	10.16	43	1104014	10.553	ppbv #	100
52) Tetrachloroethene	11.25	164	1322424	8.924	ppbv	96
53) Toluene	9.83	91	4214565	9.985	ppbv	100
54) 1,2-Dibromoethane	10.64	107	2054721	9.767	ppbv	98
56) 1,1,1,2-Tetrachloroethane	12.15	131	1631814	7.959	ppbv	95
57) Chlorobenzene	12.17	112	3201657	7.881	ppbv	96
58) Ethyl Benzene	12.73	91	5438216	8.178	ppbv	99
59) m/p-Xylene	13.02	91	4831700	8.464	ppbv #	33
60) o-Xylene	13.72	91	4414313	8.069	ppbv	99
61) Styrene	13.55	104	2389438	9.030	ppbv	98
62) Isopropylbenzene	14.69	105	5997219	7.859	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.70	83	3201636	7.584	ppbv	99
64) n-propylbenzene	15.59	120	1611737	8.470	ppbv	98
65) tert-Butylbenzene	16.76	119	5404656	8.049	ppbv	99
66) Benzyl Chloride	17.01	91	292922	8.839	ppbv #	99
67) sec-Butylbenzene	17.32	105	7620296	8.298	ppbv	100
69) p-Isopropyltoluene	17.67	119	6436423	8.669	ppbv	100
70) n-Butylbenzene	18.57	91	6425014	9.109	ppbv	100
71) 2-Chlorotoluene	15.48	91	4442804	8.245	ppbv	100
72) 4-Ethyltoluene	15.86	105	5487307	8.834	ppbv	99
73) 1,3,5-Trimethylbenzene	16.02	105	4908548	8.699	ppbv	95
74) 1,2,4-Trimethylbenzene	16.79	105	5048422	8.520	ppbv	99
75) 1,3-Dichlorobenzene	17.02	146	3142436	8.560	ppbv	99
76) 1,4-Dichlorobenzene	17.16	146	3066802	8.758	ppbv	99
77) 1,2-Dichlorobenzene	17.84	146	3015927	8.552	ppbv	100
78) Hexachloro-1,3-Butadiene	23.39	225	2210935	7.679	ppbv	99
79) Naphthalene	22.22	128	1633025	4.500	ppbv	99
80) Naphthalene, 2-methyl-	24.99	142	856315	8.788	ppbv	100
81) 1,2,4-Trichlorobenzene	21.95	180	2200791	9.483	ppbv	99

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



#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.69 Instrument: MSVOA_1

Delta R.T.

Lab File: ClientSampleId: VL1027ABS01

Acq: 27 Oct 2021 11:15

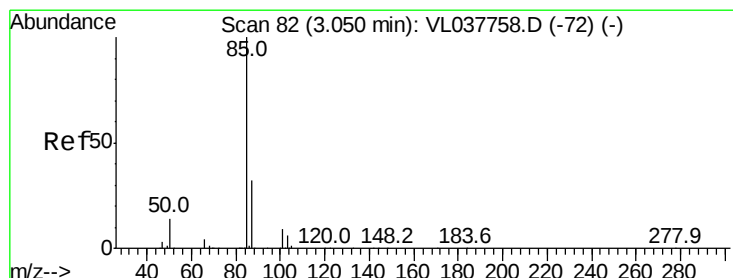
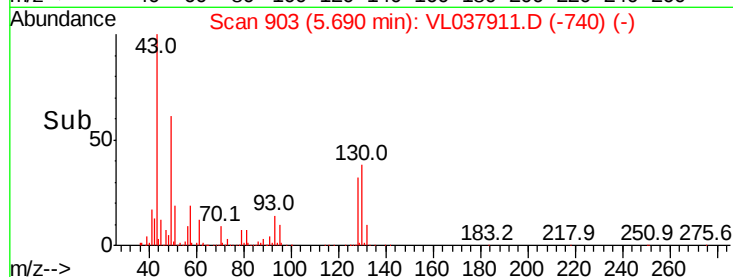
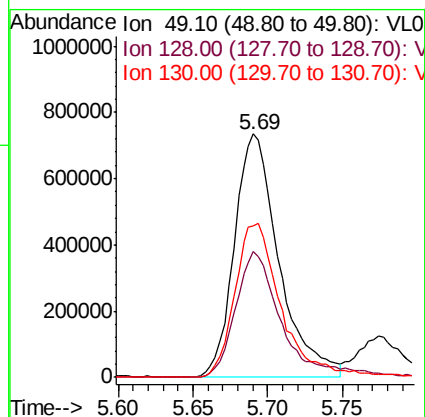
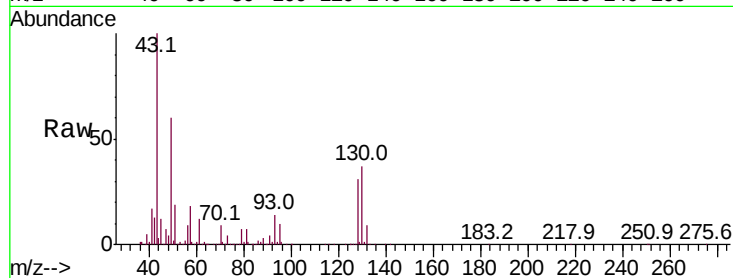
Tot Ion: 49 Resp: 1521500

Ion Ratio Lower Upper

49 100

128 55.0 27.1 81.3

130 67.3 33.2 99.6



#2

Dichlorodifluoromethane

Concen: 7.227 ppbv

RT: 3.07 min Scan# 87

Delta R.T. 0.02 min

Lab File: VL037911.D

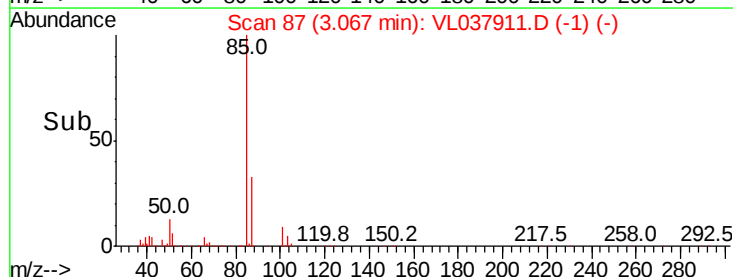
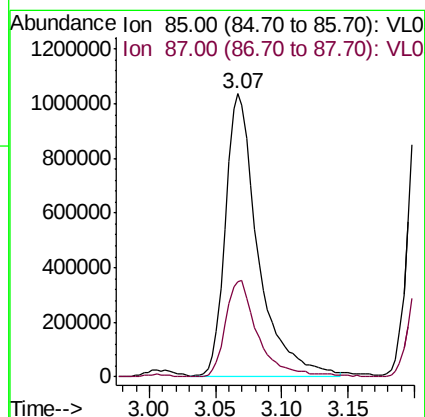
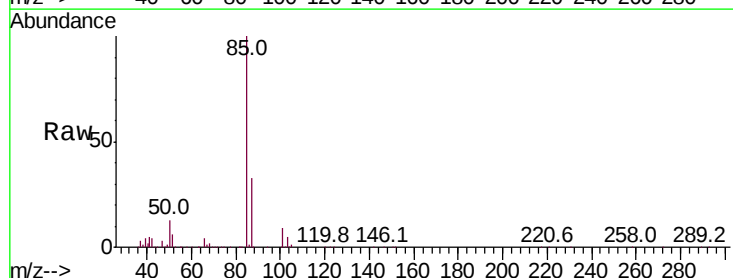
Acq: 27 Oct 2021 11:15

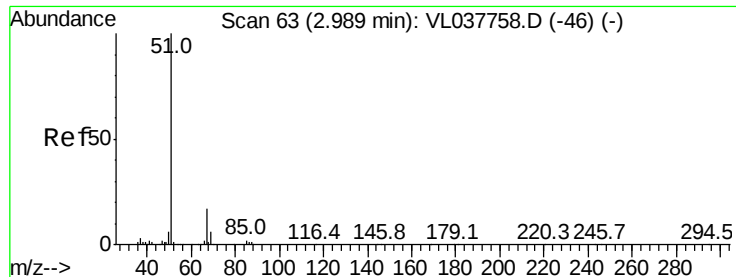
Tgt Ion: 85 Resp: 1756414

Ion Ratio Lower Upper

85 100

87 33.4 25.7 38.5





#3

Chlorodifluoromethane

Concen: 8.918 ppbv

RT: 3.01 Instrument: MSVOA_1

Delta R.T.

Lab File: ClientSampleId:

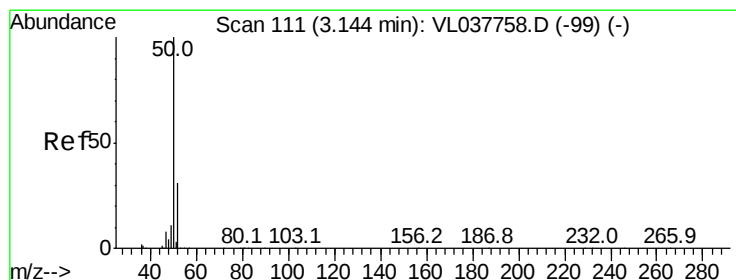
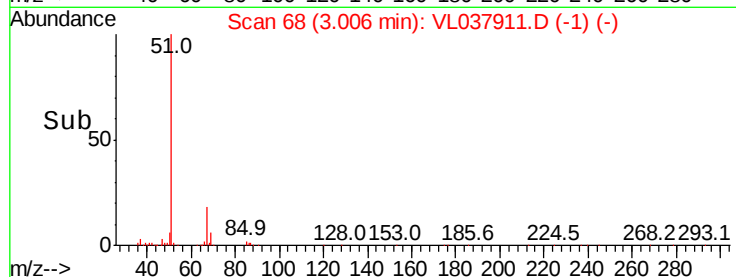
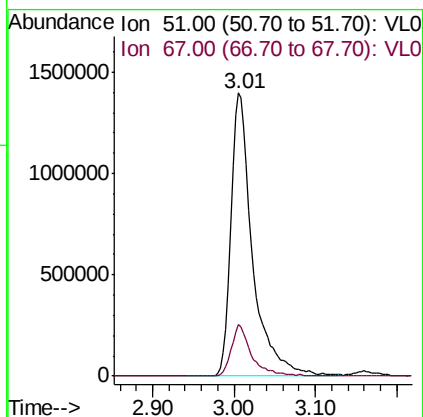
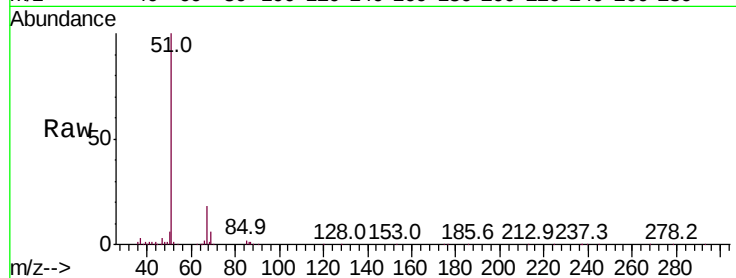
Acq: 27 Oct 2021 11:15 VL1027ABS01

Tot Ion: 51 Resp: 2607042

Ion Ratio Lower Upper

51 100

67 17.3 13.5 20.3



#4

Chloromethane

Concen: 9.535 ppbv

RT: 3.16 min Scan# 116

Delta R.T. 0.02 min

Lab File: VL037911.D

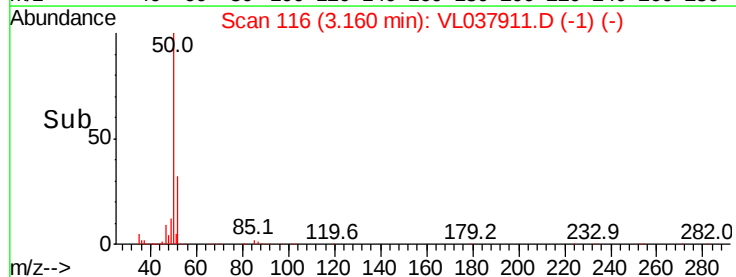
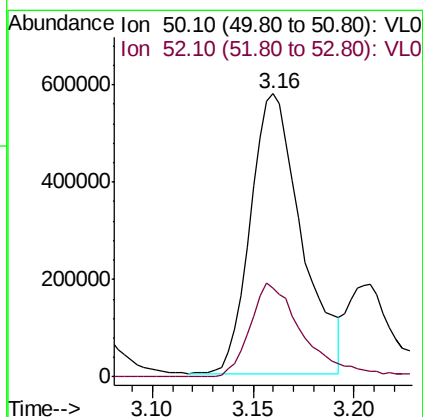
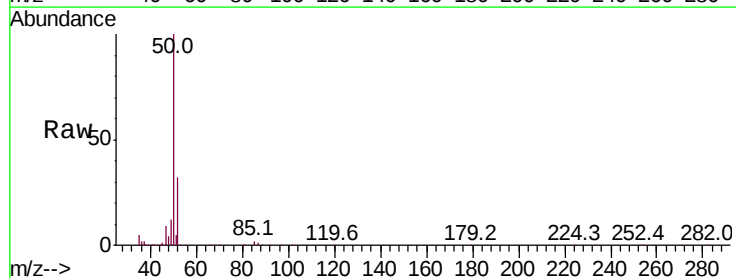
Acq: 27 Oct 2021 11:15

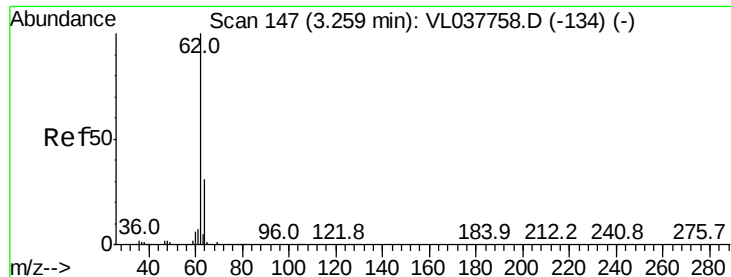
Tgt Ion: 50 Resp: 1021015

Ion Ratio Lower Upper

50 100

52 31.9 24.4 36.6





#5

Vinyl Chloride

Concen: 9.796 ppbv

RT: 3.28 Instrument: MSVOA_1

Delta R.T.

Lab File: ClientSampleId:

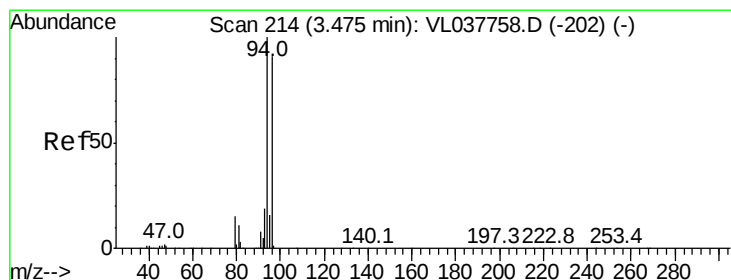
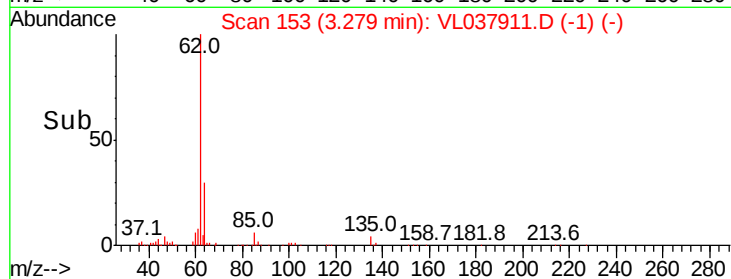
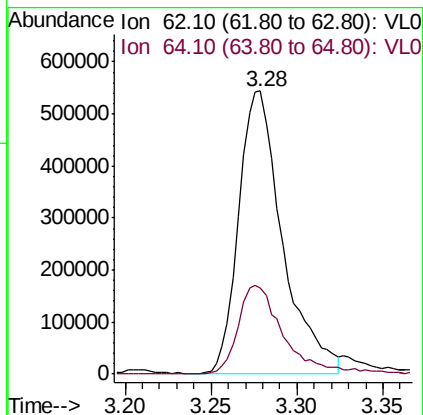
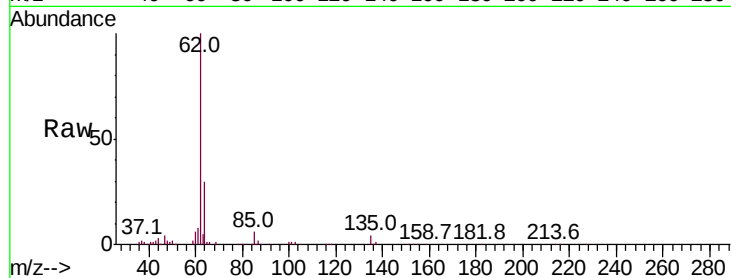
Acq: 27 Oct 2021 11:15

Tot Ion: 62 Resp: 961522

Ion Ratio Lower Upper

62 100

64 30.4 24.9 37.3



#6

Bromomethane

Concen: 8.309 ppbv

RT: 3.49 min Scan# 220

Delta R.T. 0.02 min

Lab File: VL037911.D

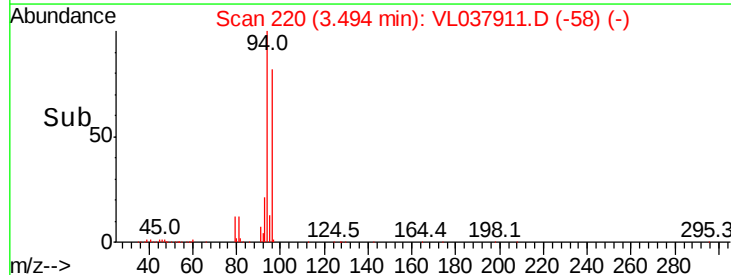
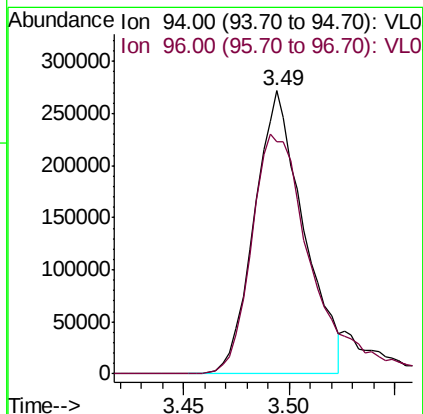
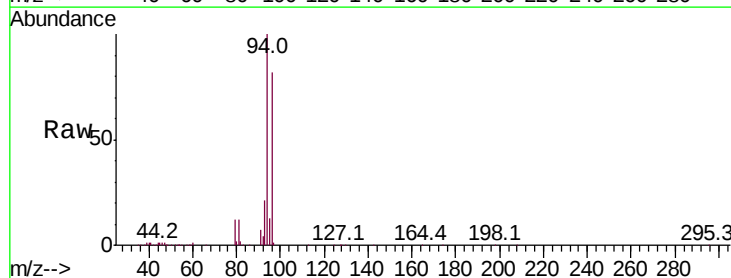
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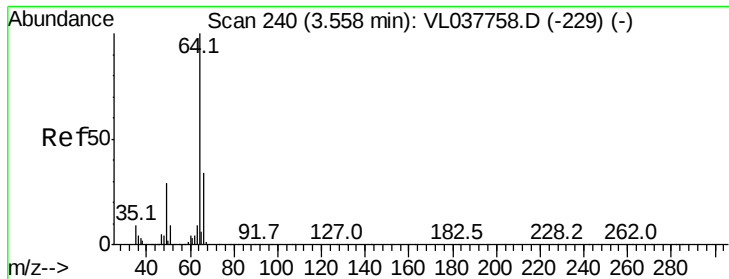
Tgt Ion: 94 Resp: 441192

Ion Ratio Lower Upper

94 100

96 82.0 72.5 108.7





#7

Chloroethane

Concen: 9.881 ppbv

RT: 3.58 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

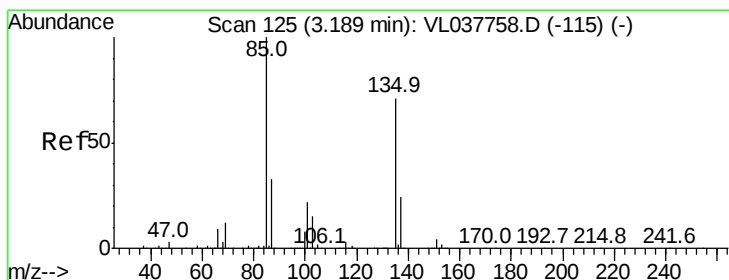
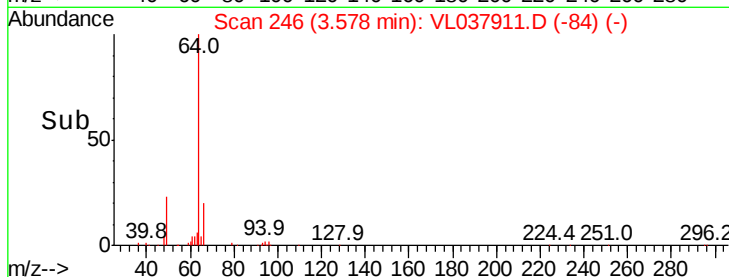
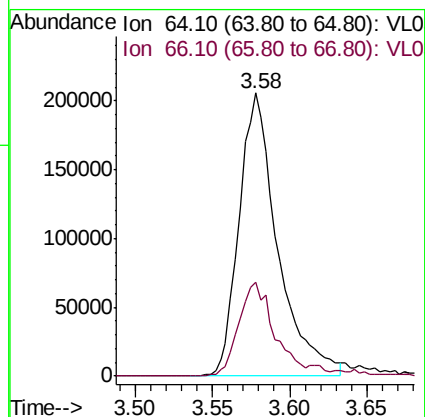
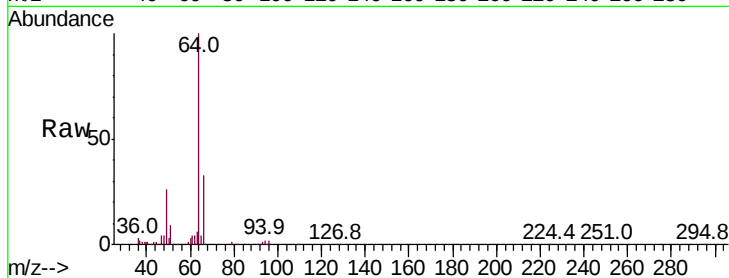
Acq: 27 Oct 2021 11:15 VL1027ABS01

Tot Ion: 64 Resp: 356611

Ion Ratio Lower Upper

64 100

66 33.2 27.5 41.3



#8

Dichlorotetrafluoroethane

Concen: 9.225 ppbv

RT: 3.20 min Scan# 130

Delta R.T. 0.02 min

Lab File: VL037911.D

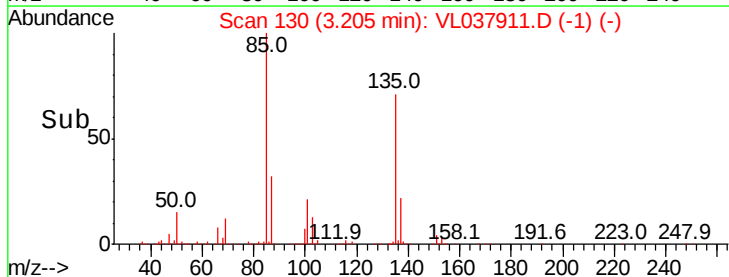
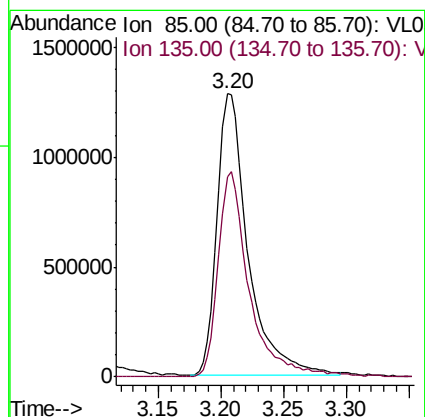
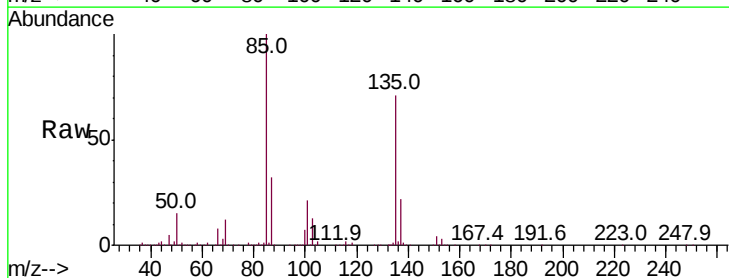
Acq: 27 Oct 2021 11:15

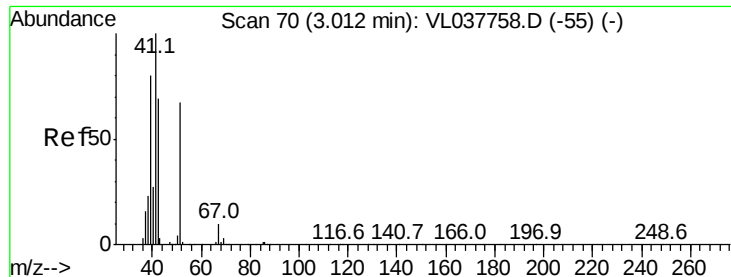
Tgt Ion: 85 Resp: 2215868

Ion Ratio Lower Upper

85 100

135 73.3 59.5 89.3





#9

Propene

Concen: 8.924 ppbv

RT: 3.02

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

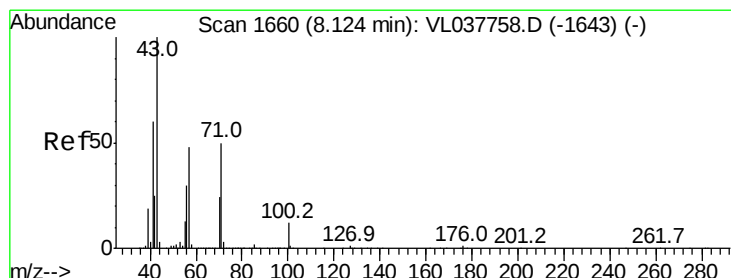
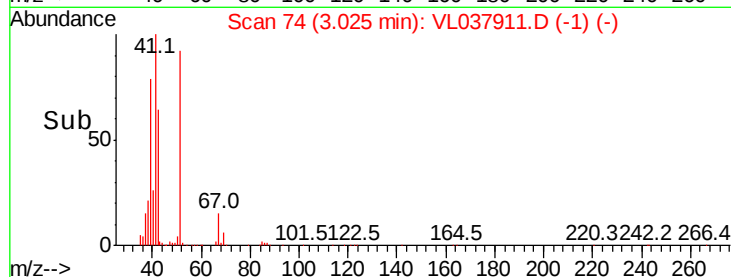
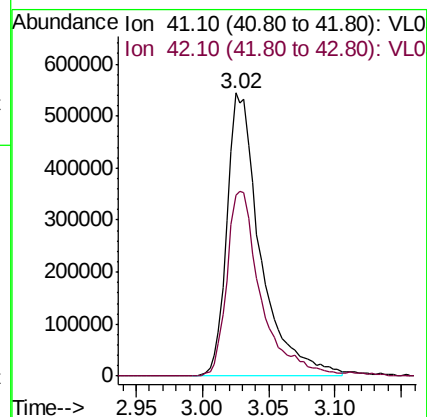
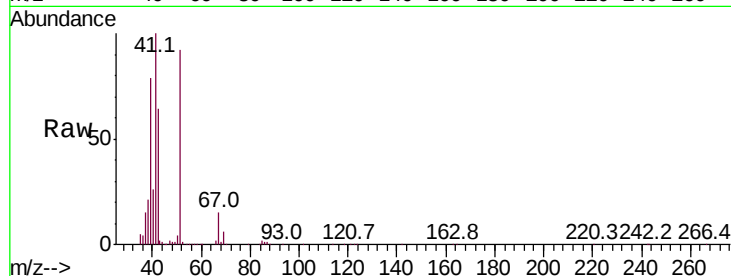
Acq: 27 Oct 2021 11:15

Tot Ion: 41 Resp: 959911

Ion Ratio Lower Upper

41 100

42 67.4 54.2 81.2



#10

Heptane

Concen: 10.021 ppbv

RT: 8.15 min Scan# 1667

Delta R.T. 0.02 min

Lab File: VL037911.D

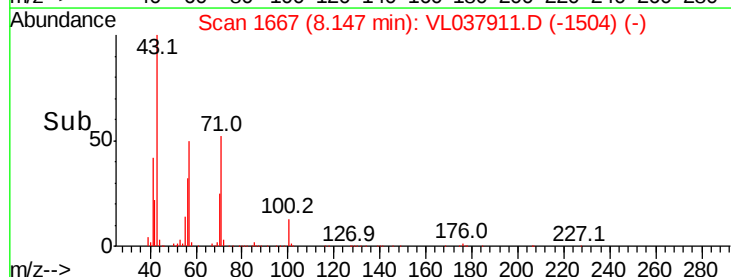
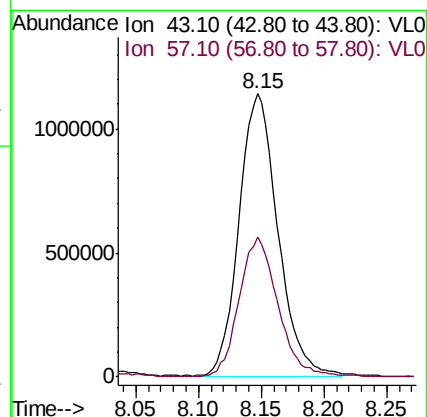
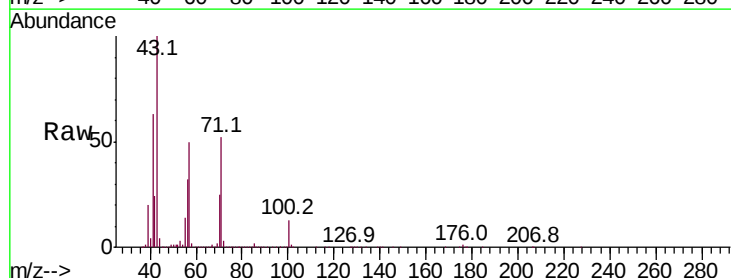
Acq: 27 Oct 2021 11:15

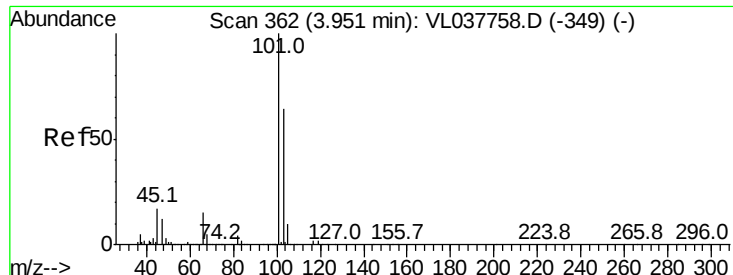
Tgt Ion: 43 Resp: 2448112

Ion Ratio Lower Upper

43 100

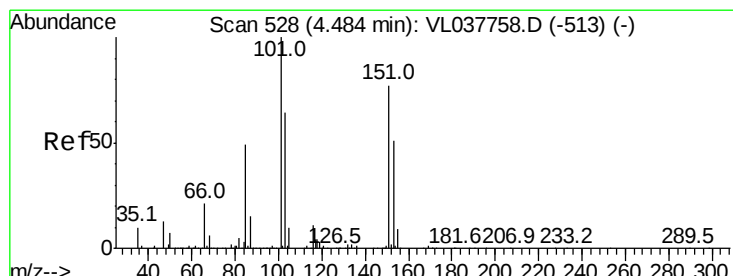
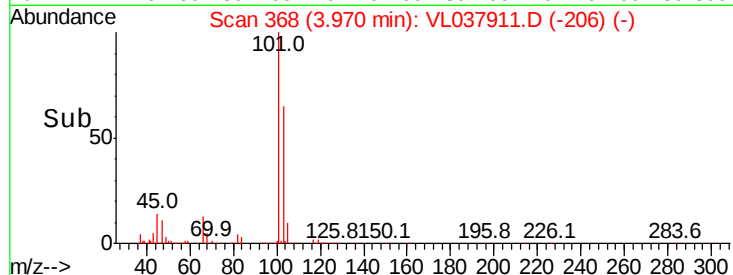
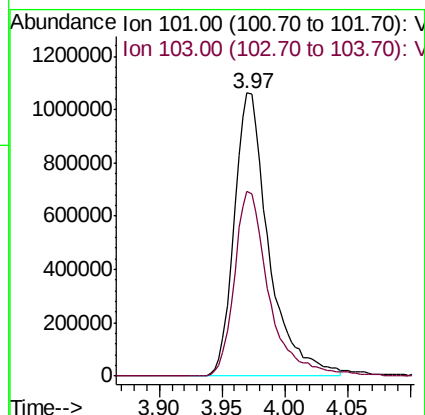
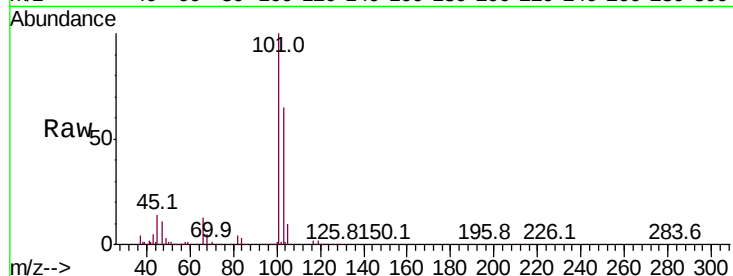
57 49.9 40.0 60.0





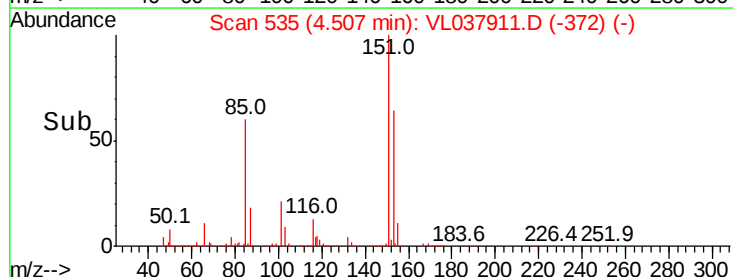
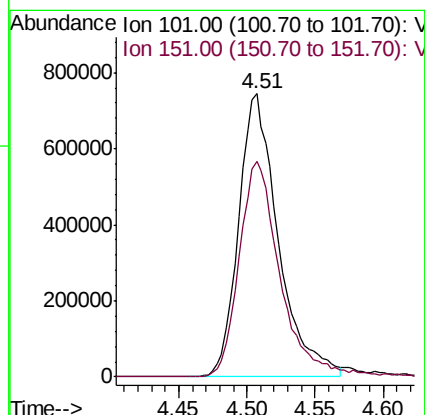
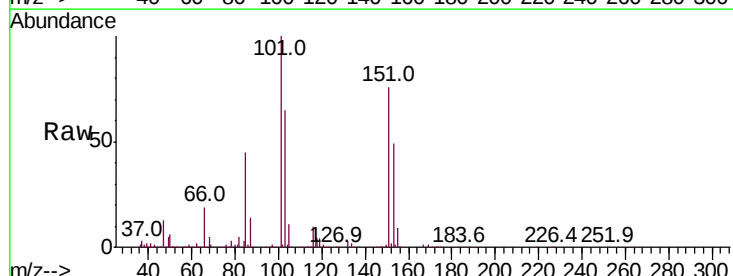
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 Trichlorofluoromethane
 Concen: 9.359 ppbv
 RT: 3.97
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VL1027ABS01
 Acq: 27 Oct 2021 11:15

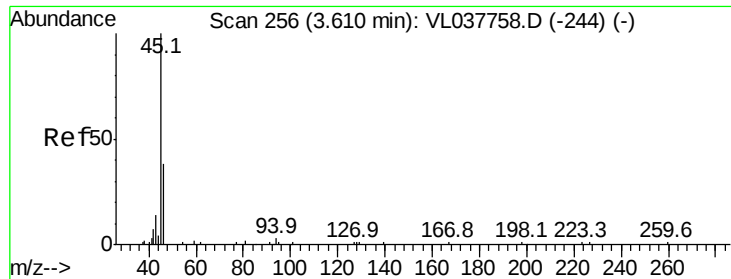
Tot Ion:101 Resp: 2029319
 Ion Ratio Lower Upper
 101 100
 103 65.4 51.5 77.3



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 9.172 ppbv
 RT: 4.51 min Scan# 535
 Delta R.T. 0.02 min
 Lab File: VL037911.D
 Acq: 27 Oct 2021 11:15

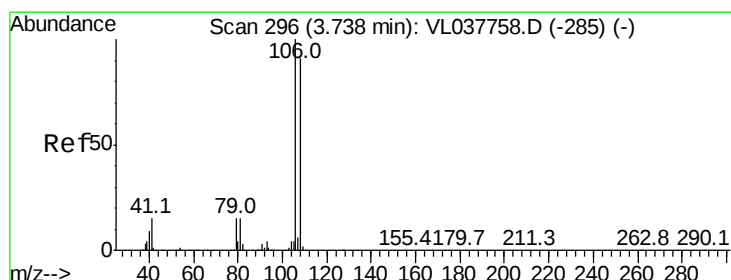
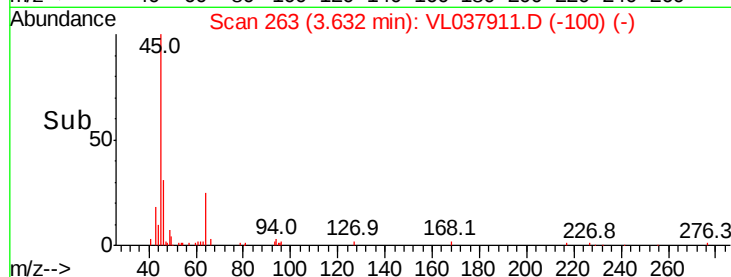
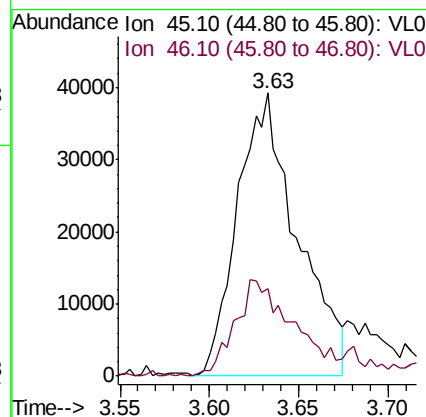
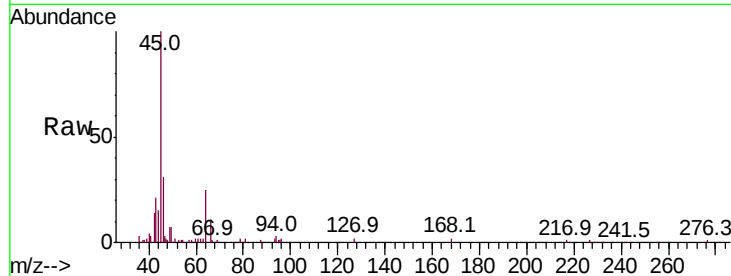
Tgt Ion:101 Resp: 1506896
 Ion Ratio Lower Upper
 101 100
 151 79.1 62.9 94.3





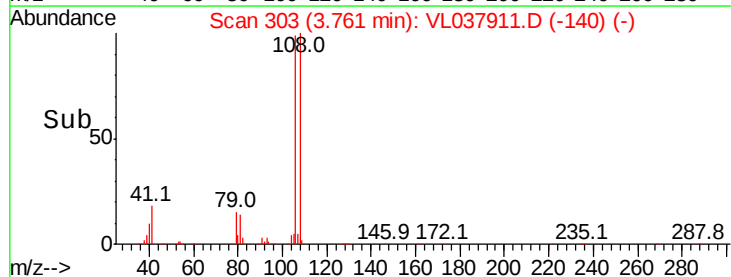
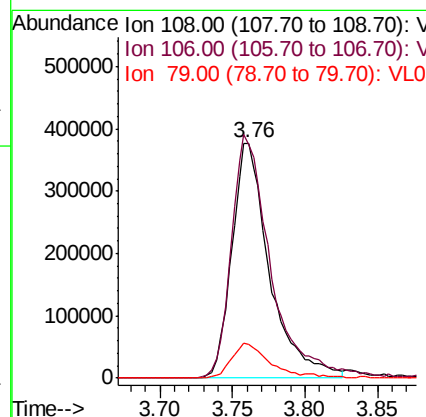
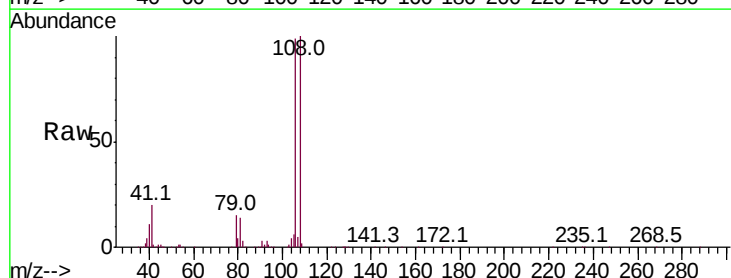
#13
 Ethanol
 Concen: 10.409 ppbv
 RT: 3.63
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VL1027ABS01
 Acq: 27 Oct 2021 11:15

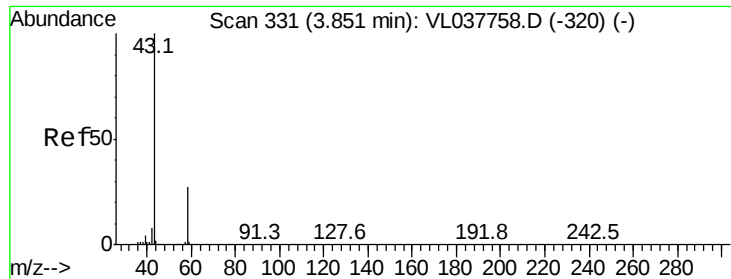
Tot Ion	45	46	Ratio	Lower	Upper
Resp	91569				
Ratio	100	39.9			
Lower		20.2			
Upper		81.0			



#14
 Bromoethene
 Concen: 9.443 ppbv
 RT: 3.76 min Scan# 303
 Delta R.T. 0.02 min
 Lab File: VL037911.D
 Acq: 27 Oct 2021 11:15

Tgt Ion	108	106	79	Ratio	Lower	Upper
Resp	682108					
Ratio	100	110.0	15.9			
Lower		91.9	13.9			
Upper		137.9	20.9			





#15

Acetone

Concen: 10.694 ppbv

RT: 3.87

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

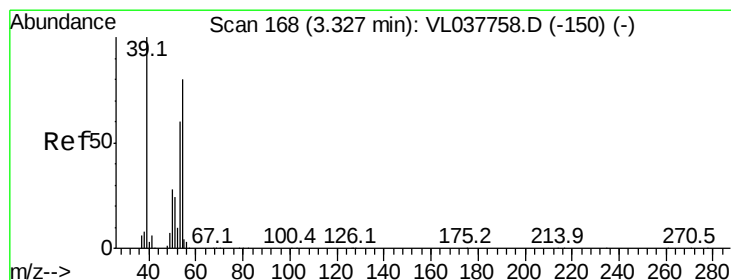
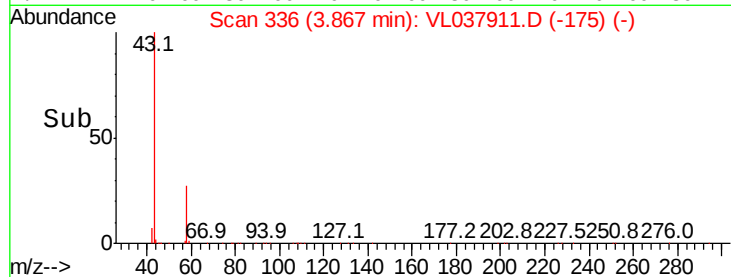
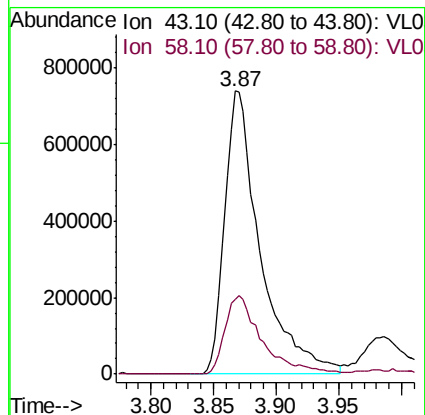
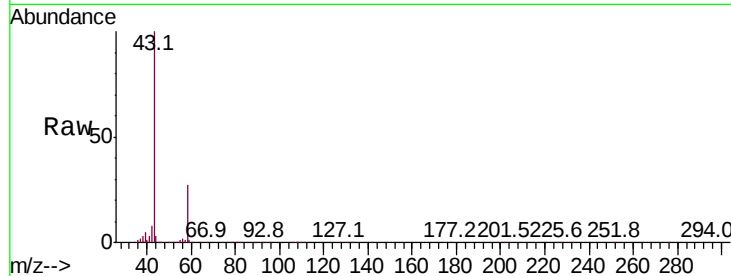
Acq: 27 Oct 2021 11:15

Tot Ion: 43 Resp: 1460630

Ion Ratio Lower Upper

43 100

58 29.1 23.0 34.6



#16

1,3-Butadiene

Concen: 9.582 ppbv

RT: 3.35 min Scan# 174

Delta R.T. 0.02 min

Lab File: VL037911.D

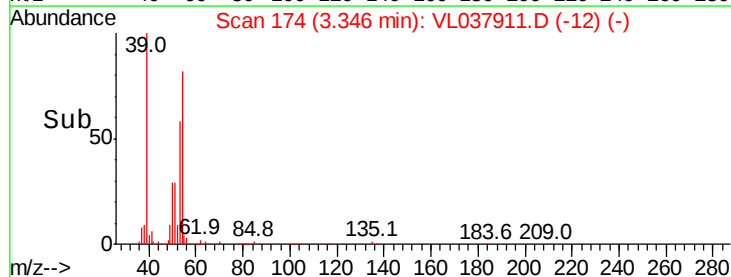
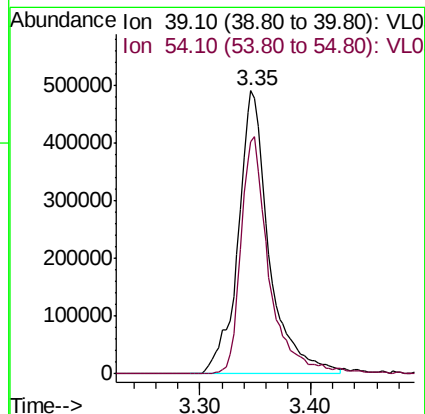
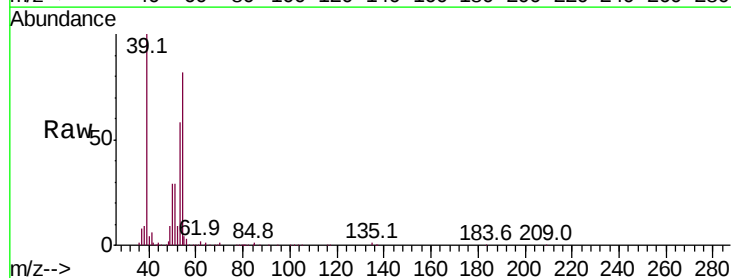
Acq: 27 Oct 2021 11:15

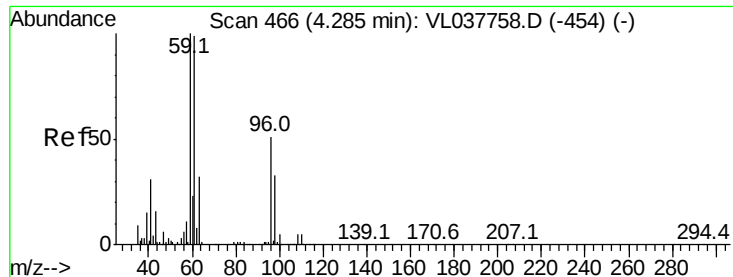
Tgt Ion: 39 Resp: 952270

Ion Ratio Lower Upper

39 100

54 77.3 61.7 92.5





#17

tert-Butyl alcohol

Concen: 9.517 ppbv

RT: 4.31 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

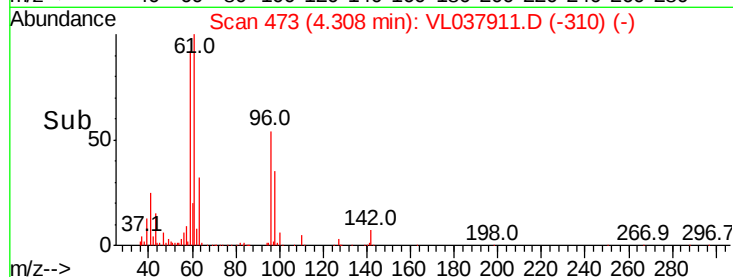
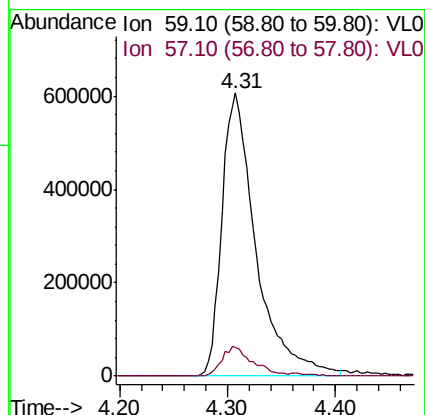
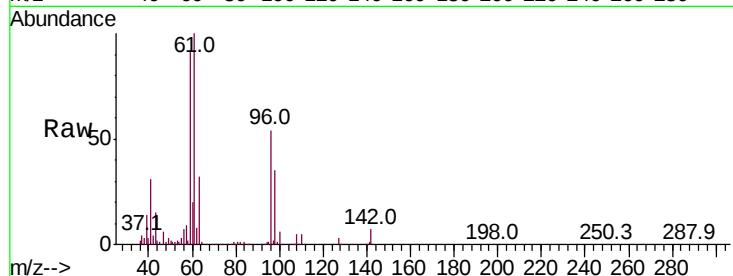
Acq: 27 Oct 2021 11:15 VL1027ABS01

Tot Ion: 59 Resp: 1338777

Ion Ratio Lower Upper

59 100

57 10.2 8.6 13.0



#18

1,1-Dichloroethene

Concen: 9.400 ppbv

RT: 4.31 min Scan# 474

Delta R.T. 0.02 min

Lab File: VL037911.D

Acq: 27 Oct 2021 11:15

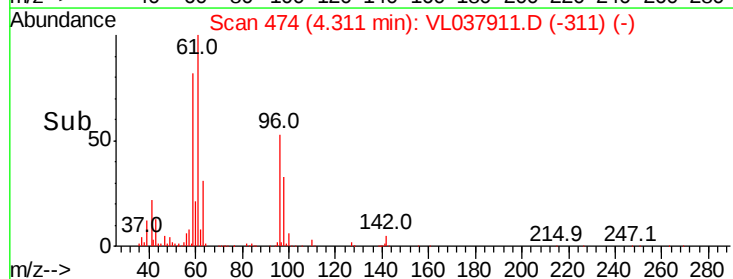
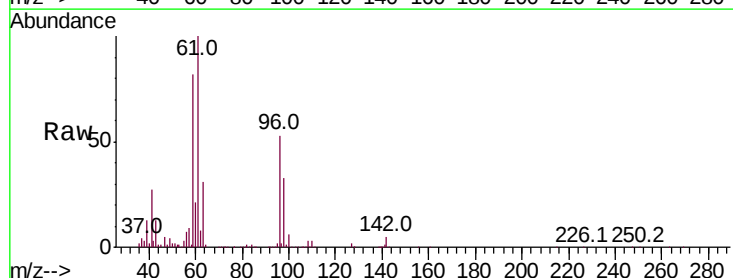
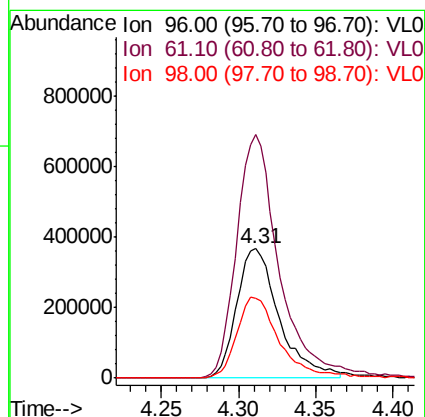
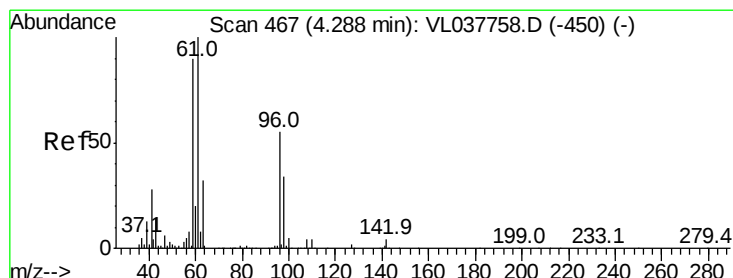
Tgt Ion: 96 Resp: 701779

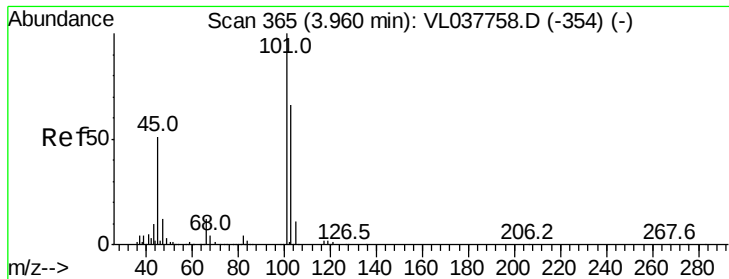
Ion Ratio Lower Upper

96 100

61 188.2 146.2 219.4

98 61.3 50.0 75.0





#19

Isopropyl Alcohol

Concen: 9.289 ppbv

RT: 3.98 Instrument: MSVOA_1

Delta R.T.

Lab File: ClientSampleId: VL1027ABS01

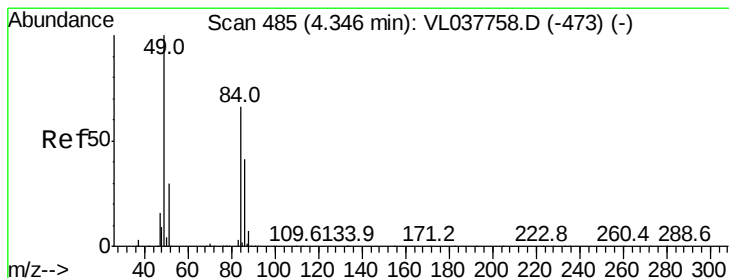
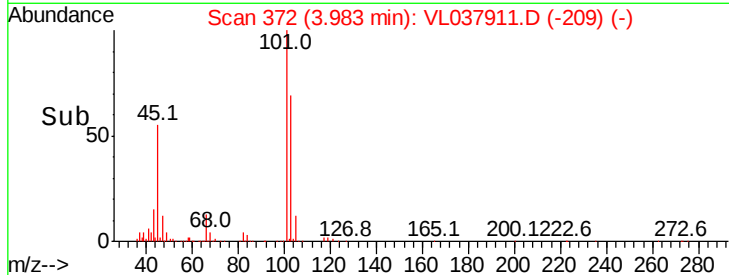
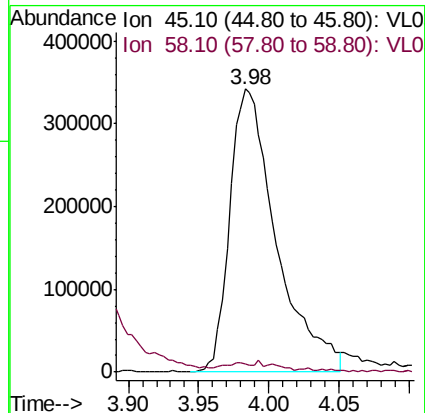
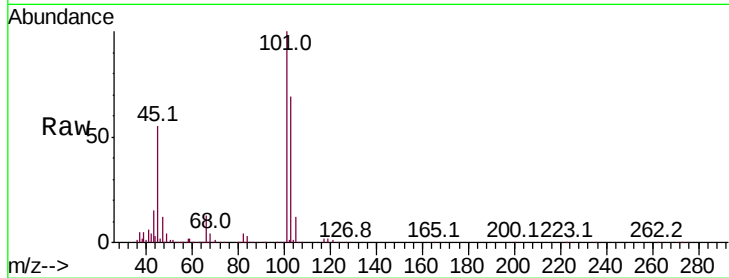
Acq: 27 Oct 2021 11:15

Tot Ion: 45 Resp: 789330

Ion Ratio Lower Upper

45 100

58 3.7 1.1 1.7#



#20

Methylene Chloride

Concen: 8.355 ppbv

RT: 4.37 min Scan# 491

Delta R.T. 0.02 min

Lab File: VL037911.D

Acq: 27 Oct 2021 11:15

Tgt Ion: 84 Resp: 576604

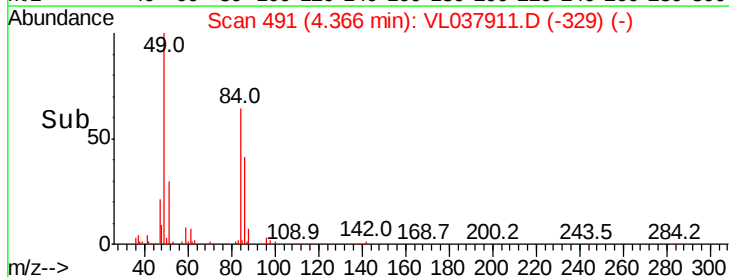
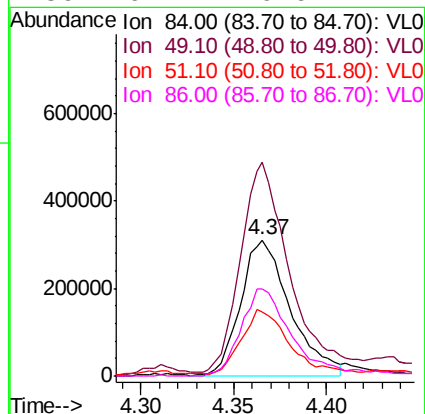
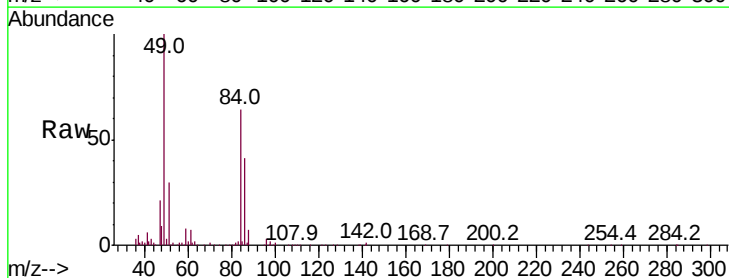
Ion Ratio Lower Upper

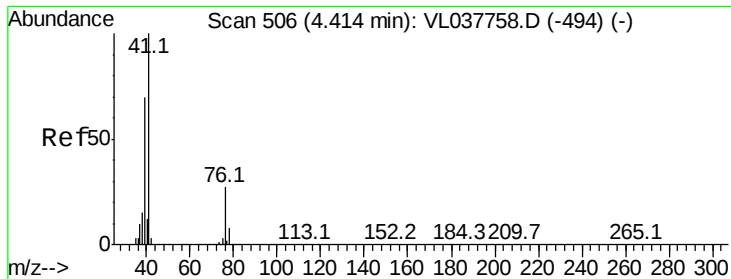
84 100

49 154.4 120.7 181.1

51 44.9 36.2 54.4

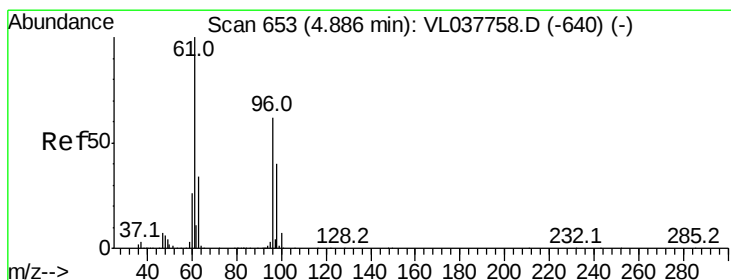
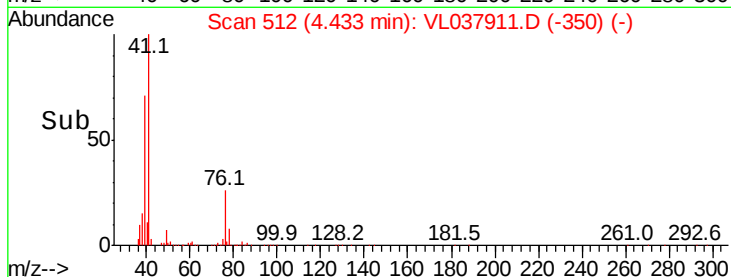
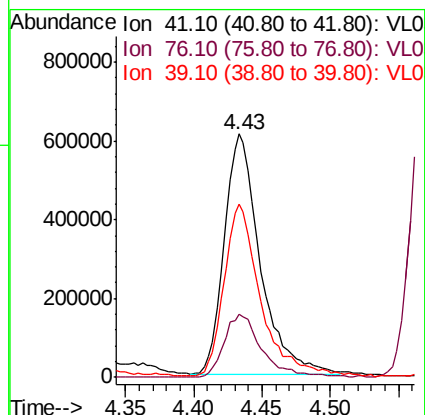
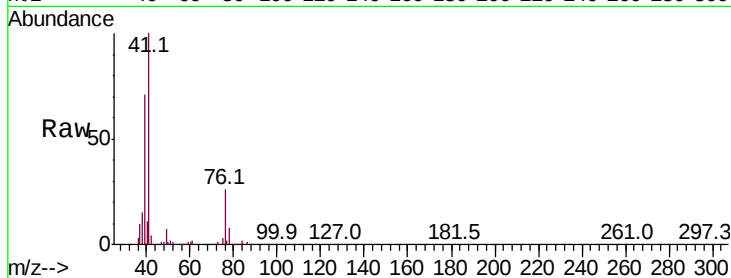
86 64.4 49.6 74.4





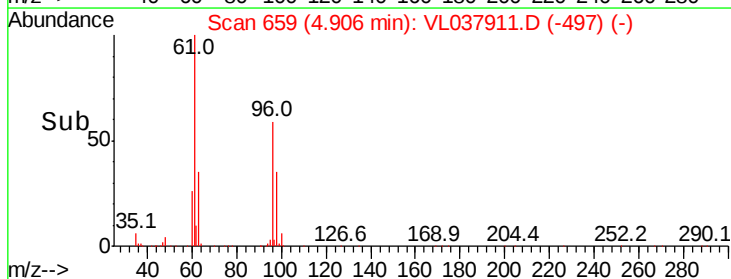
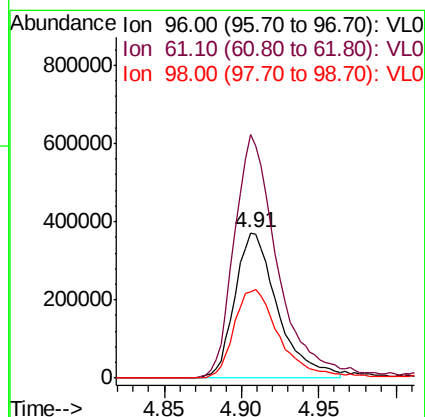
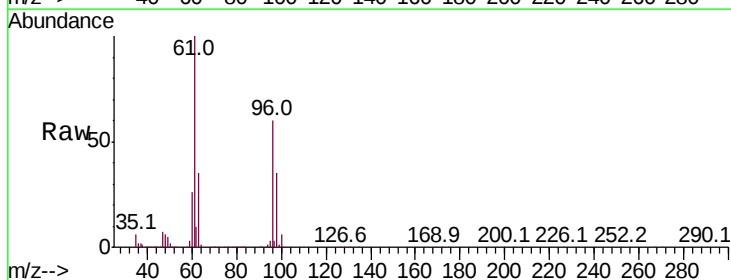
#21
 Allvl Chloride
 Concen: 9.215 ppbv
 RT: 4.43
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId : VL1027ABS01
 Acq: 27 Oct 2021 11:15

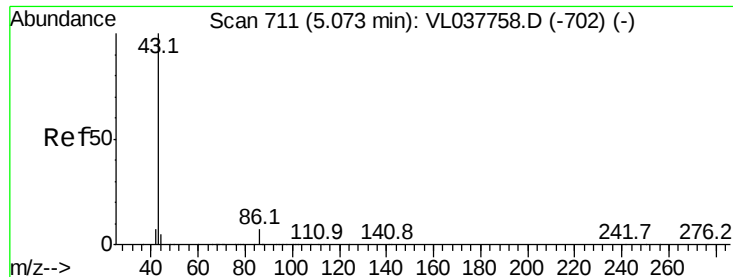
Tot Ion: 41 Resp: 1115067
 Ion Ratio Lower Upper
 41 100
 76 28.1 22.4 33.6
 39 73.6 58.0 87.0



#22
 trans-1,2-Dichloroethene
 Concen: 9.510 ppbv
 RT: 4.91 min Scan# 659
 Delta R.T. 0.02 min
 Lab File: VL037911.D
 Acq: 27 Oct 2021 11:15

Tgt Ion: 96 Resp: 713857
 Ion Ratio Lower Upper
 96 100
 61 167.4 129.0 193.6
 98 58.9 51.7 77.5





#23

Vinyl Acetate

Concen: 9.507 ppbv

RT: 5.10

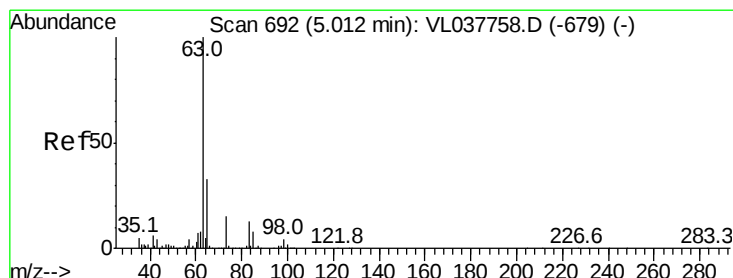
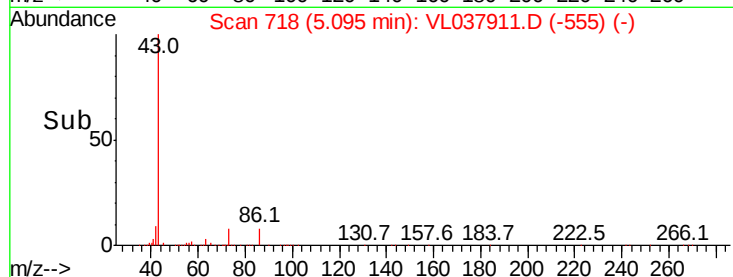
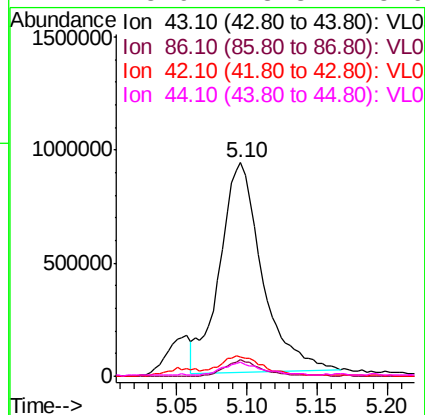
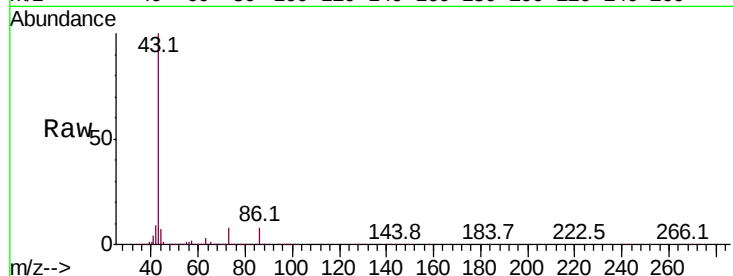
Delta R.T. MSVOA_1

Lab File: ClientSampleId : VL1027ABS01

Acq: 27 Oct 2021 11:15

Tot Ion: 43 Resp: 1946020

Ion	Ratio	Lower	Upper
43	100		
86	8.1	5.0	7.4#
42	8.5	7.4	11.0
44	5.9	3.8	5.6#



#24

1,1-Dichloroethane

Concen: 9.599 ppbv

RT: 5.03 min Scan# 699

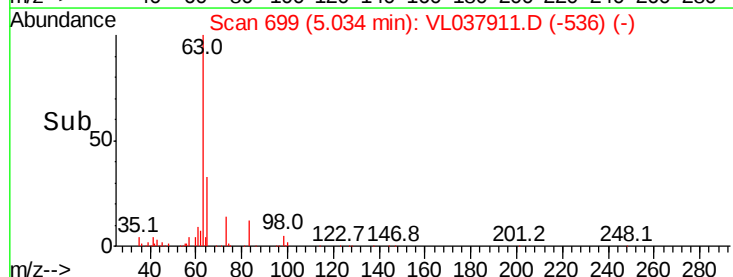
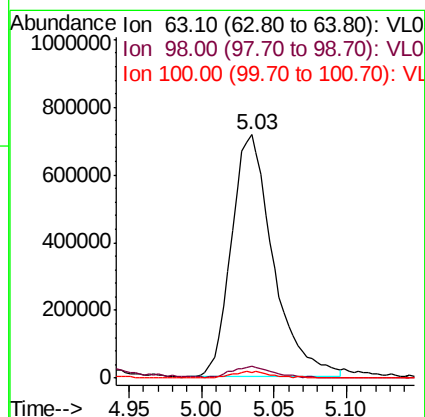
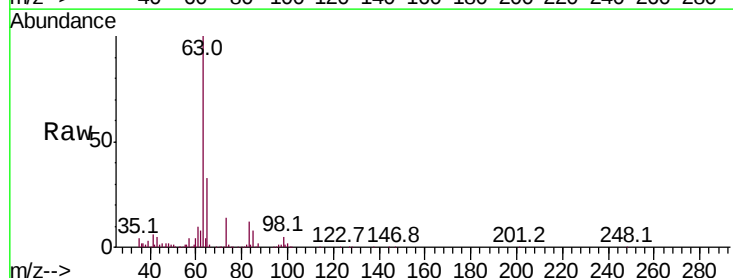
Delta R.T. 0.02 min

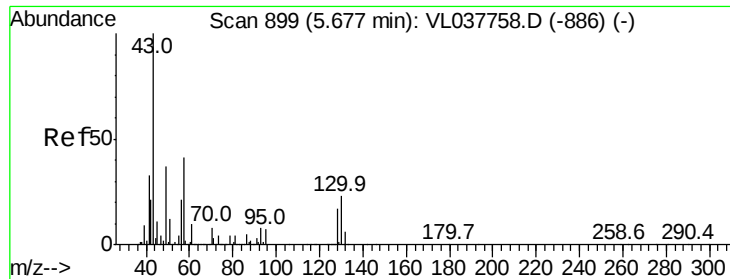
Lab File: VL037911.D

Acq: 27 Oct 2021 11:15

Tgt Ion: 63 Resp: 1430205

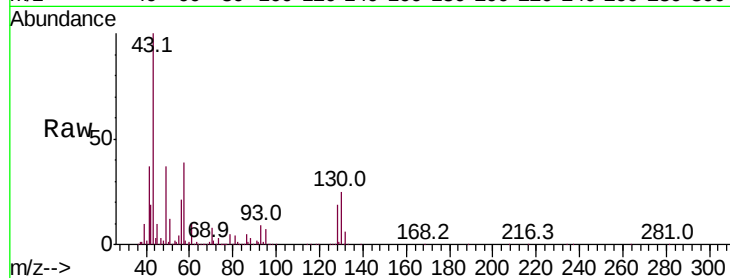
Ion	Ratio	Lower	Upper
63	100		
98	4.5	2.3	6.9
100	2.1	1.1	3.1



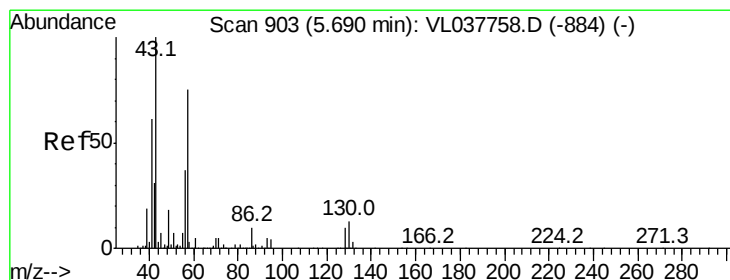
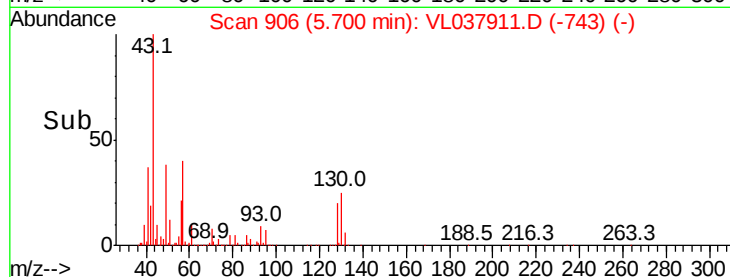
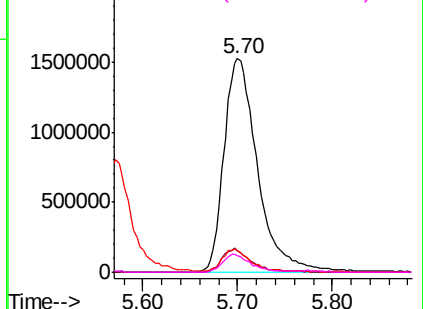


#25
Ethyl Acetate
Concen: 9.724 ppbv
RT: 5.70
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 27 Oct 2021 11:15

Tot Ion:	43	Resp:	3726897
Ion	Ratio	Lower	Upper
43	100		
45	10.0	8.1	12.1
61	9.2	7.5	11.3
70	7.1	5.9	8.9

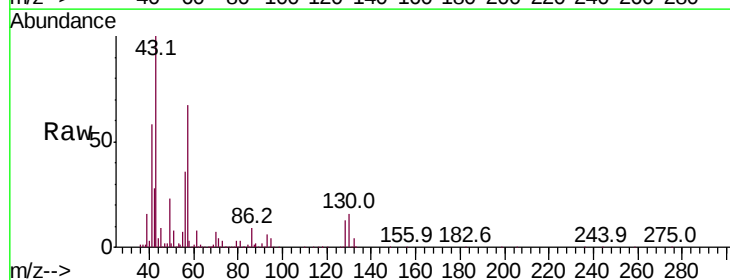


Abundance Ion 43.10 (42.80 to 43.80): VL0
Ion 45.10 (44.80 to 45.80): VL0
Ion 61.10 (60.80 to 61.80): VL0
Ion 70.10 (69.80 to 70.80): VL0

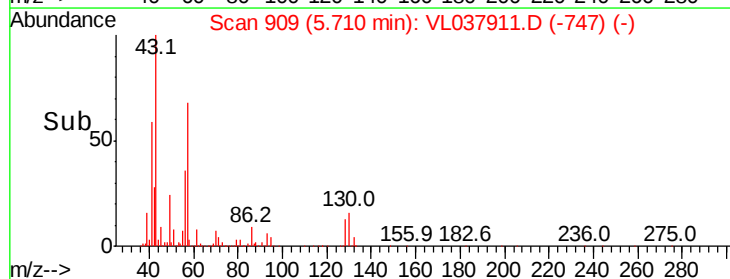
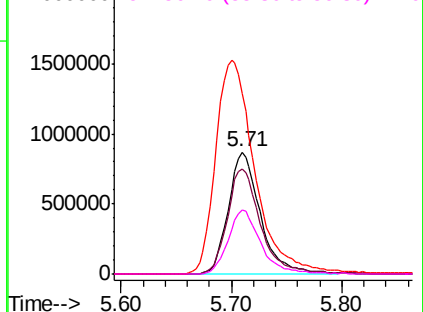


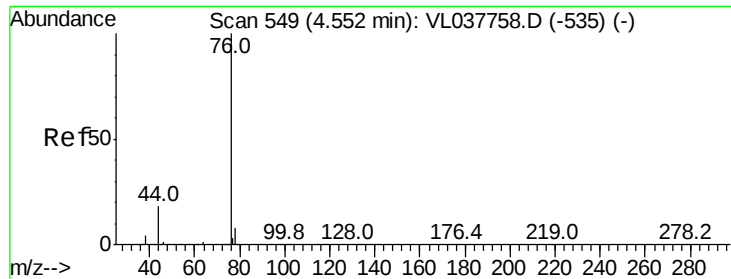
#26
Hexane
Concen: 9.247 ppbv
RT: 5.71 min Scan# 909
Delta R.T. 0.02 min
Lab File: VL037911.D
Acq: 27 Oct 2021 11:15

Tgt Ion:	57	Resp:	1745175
Ion	Ratio	Lower	Upper
57	100		
41	90.4	69.6	104.4
43	215.6	171.4	257.0
56	53.8	42.0	63.0



Abundance Ion 57.10 (56.80 to 57.80): VL0
Ion 41.10 (40.80 to 41.80): VL0
Ion 43.10 (42.80 to 43.80): VL0
Ion 56.10 (55.80 to 56.80): VL0





#27

Carbon Disulfide

Concen: 10.680 ppbv

RT: 4.57

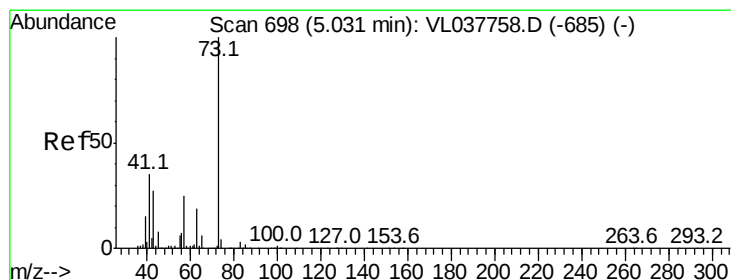
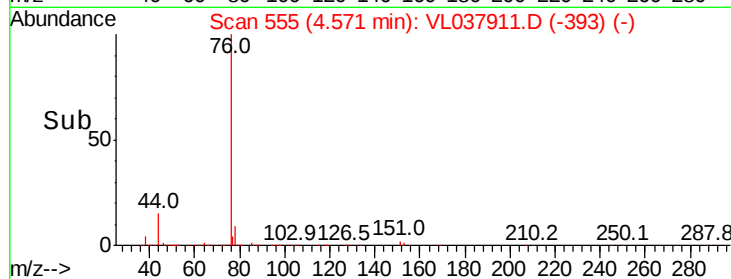
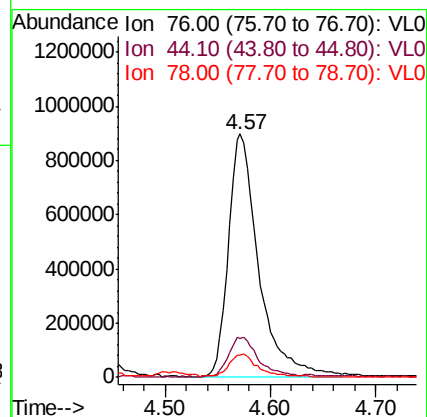
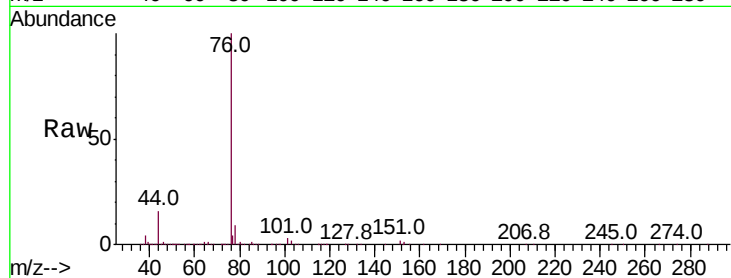
Delta R.T. MSVOA_L

Lab File: ClientSampleId : VL1027ABS01

Acq: 27 Oct 2021 11:15

Tot Ion: 76 Resp: 1786304

Ion	Ratio	Lower	Upper
76	100		
44	16.7	14.3	21.5
78	9.9	7.8	11.6



#28

Methyl tert-Butyl Ether

Concen: 8.830 ppbv

RT: 5.05 min Scan# 705

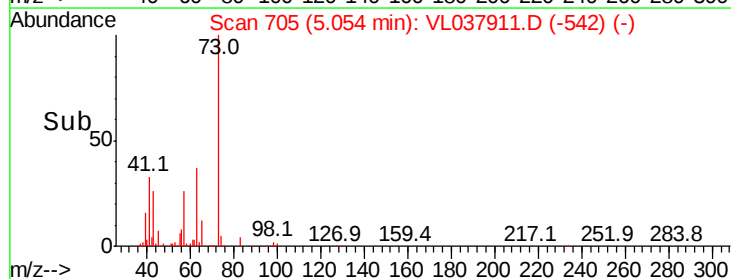
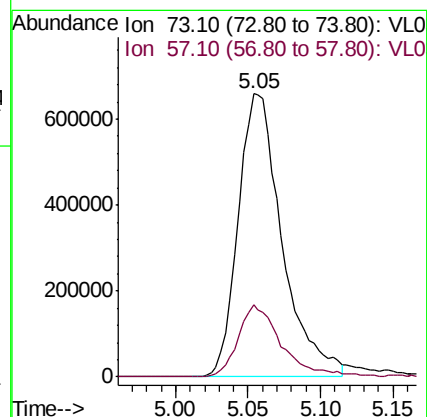
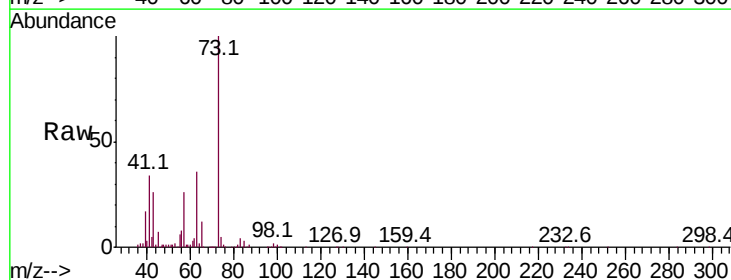
Delta R.T. 0.02 min

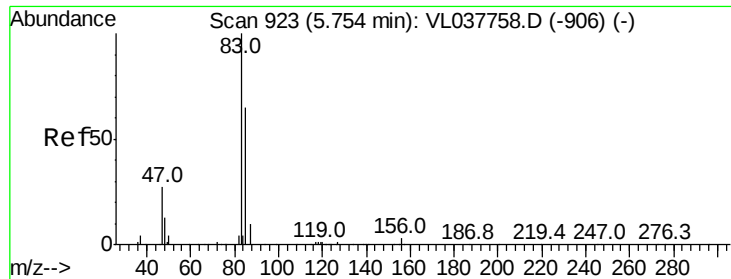
Lab File: VL037911.D

Acq: 27 Oct 2021 11:15

Tgt Ion: 73 Resp: 1387459

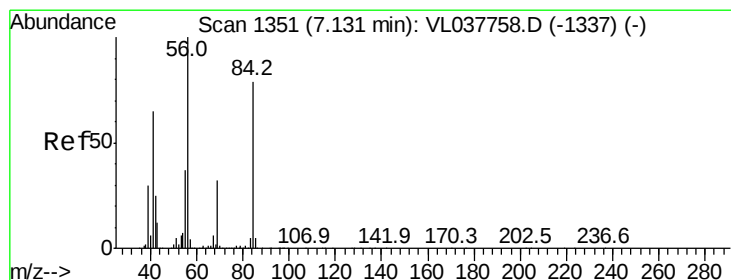
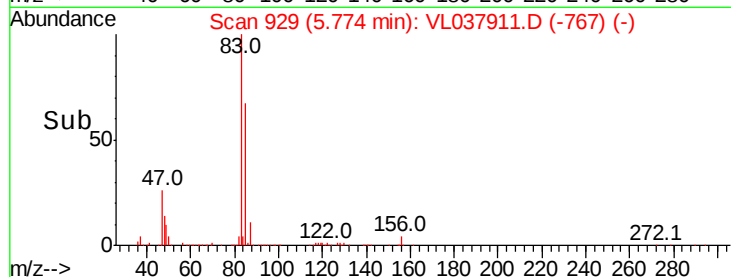
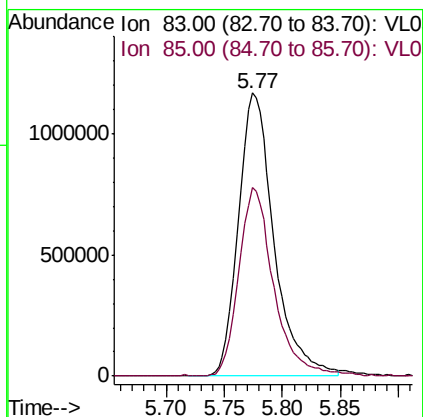
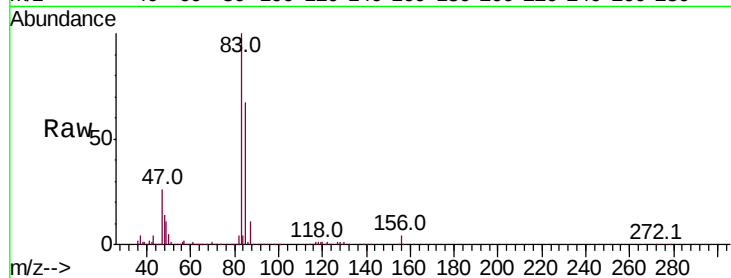
Ion	Ratio	Lower	Upper
73	100		
57	25.5	20.4	30.6





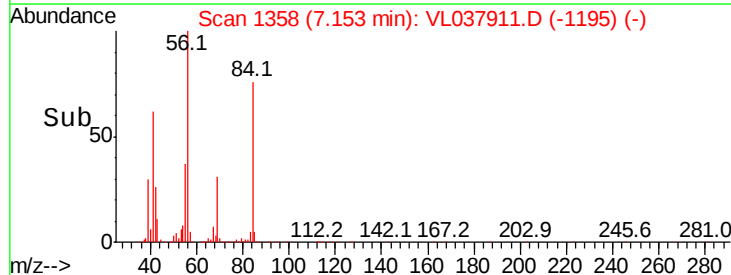
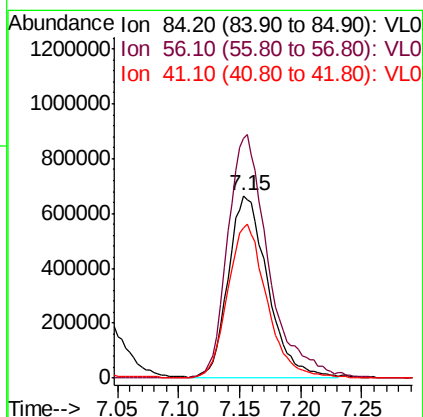
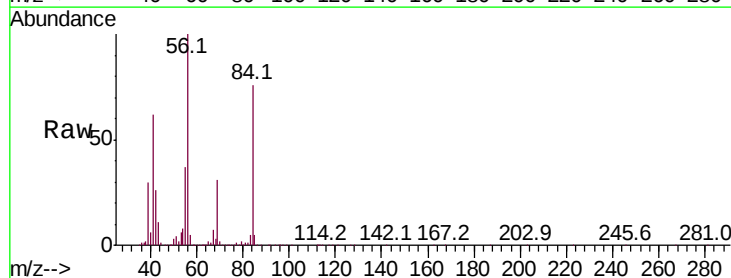
#29
Chloroform
Concen: 9.204 ppbv
RT: 5.77
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 27 Oct 2021 11:15

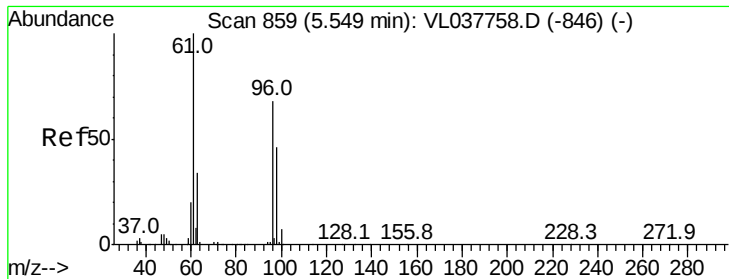
Tot Ion: 83 Resp: 2482843
Ion Ratio Lower Upper
83 100
85 66.3 51.8 77.8



#30
Cyclohexane
Concen: 9.246 ppbv
RT: 7.15 min Scan# 1358
Delta R.T. 0.02 min
Lab File: VL037911.D
Acq: 27 Oct 2021 11:15

Tgt Ion: 84 Resp: 1479755
Ion Ratio Lower Upper
84 100
56 140.1 113.0 169.4
41 85.4 69.1 103.7





#31

cis-1,2-Dichloroethene

Concen: 9.348 ppbv

RT: 5.57 Instrument: MSVOA_1

Delta R.T.

Lab File: ClientSampleId:

Acq: 27 Oct 2021 11:15

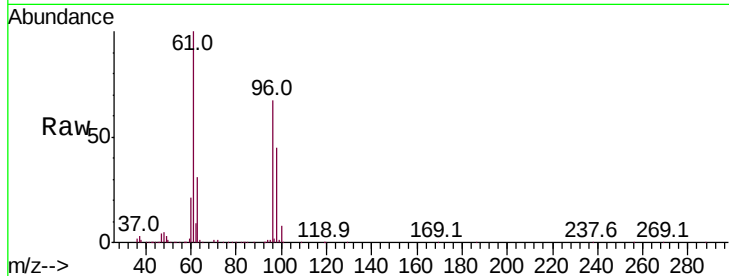
Tot Ion: 61 Resp: 1601619

Ion Ratio Lower Upper

61 100

96 66.8 54.2 81.2

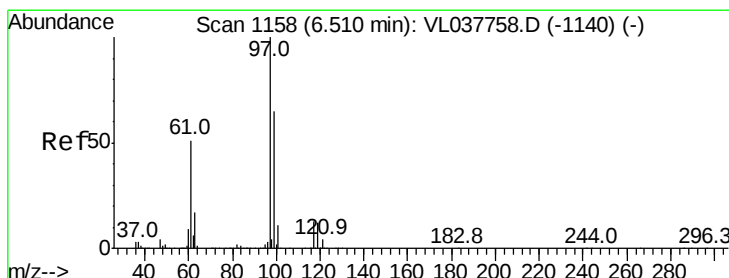
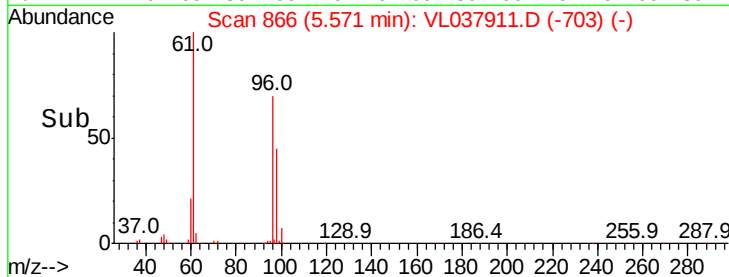
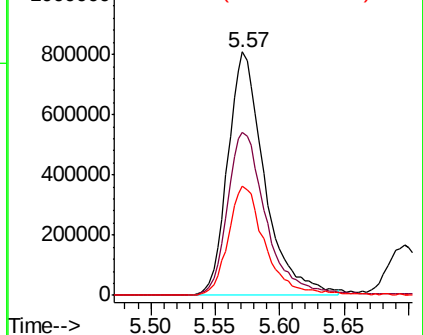
98 44.7 36.6 54.8



Abundance Ion 61.10 (60.80 to 61.80): VL0

Ion 96.00 (95.70 to 96.70): VL0

Ion 98.00 (97.70 to 98.70): VL0



#32

1,1,1-Trichloroethane

Concen: 9.233 ppbv

RT: 6.54 min Scan# 1166

Delta R.T. 0.03 min

Lab File: VL037911.D

Acq: 27 Oct 2021 11:15

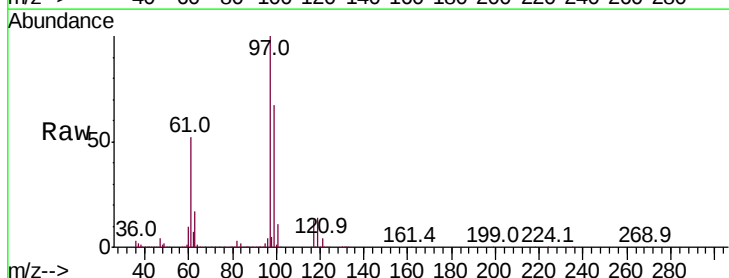
Tgt Ion: 97 Resp: 2361380

Ion Ratio Lower Upper

97 100

99 65.8 52.6 78.8

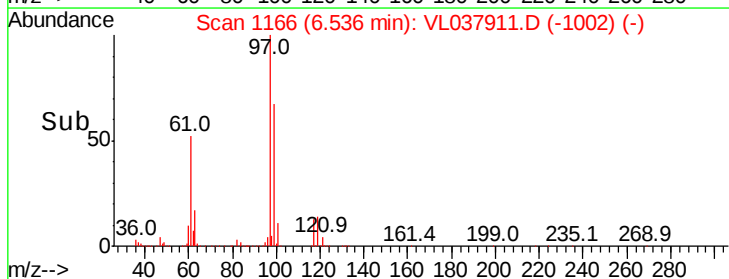
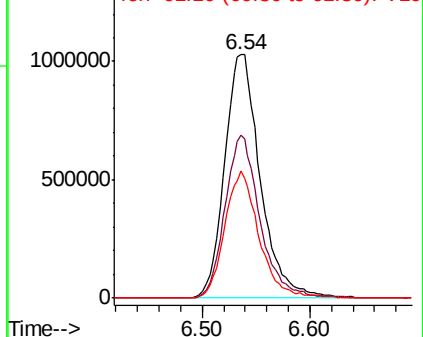
61 50.6 40.2 60.4

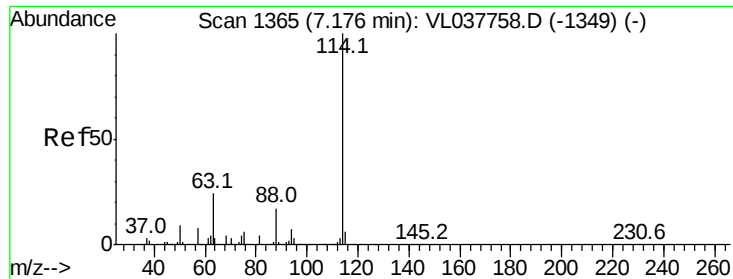


Abundance Ion 97.00 (96.70 to 97.70): VL0

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: 7.20

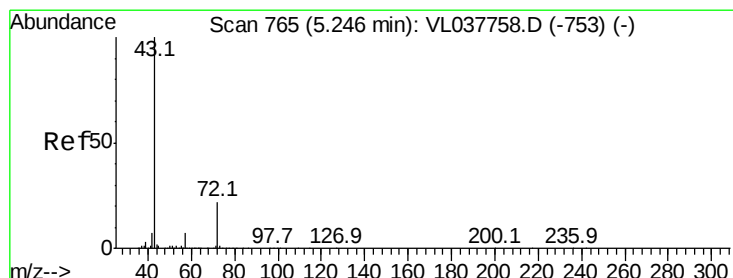
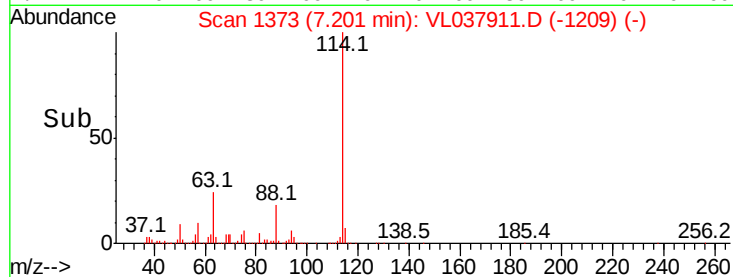
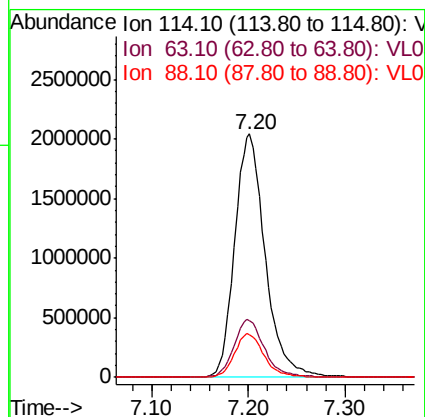
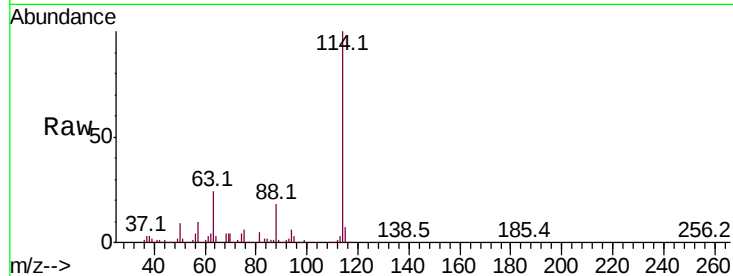
Delta R.T. MSVOA_L

Lab File: ClientSampleId : VL1027ABS01

Acq: 27 Oct 2021 11:15

Tot Ion:114 Resp: 4459136

Ion	Ratio	Lower	Upper
114	100		
63	24.1	19.4	29.2
88	17.6	14.4	21.6



#34

2-Butanone

Concen: 9.168 ppbv

RT: 5.27 min Scan# 771

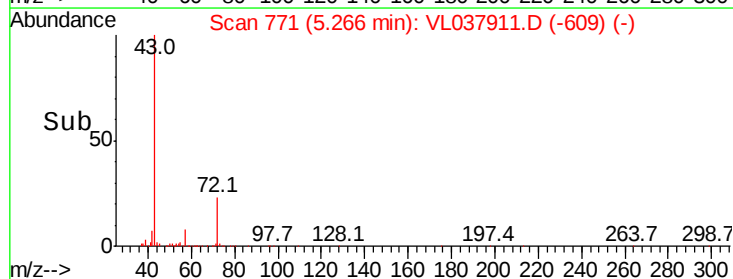
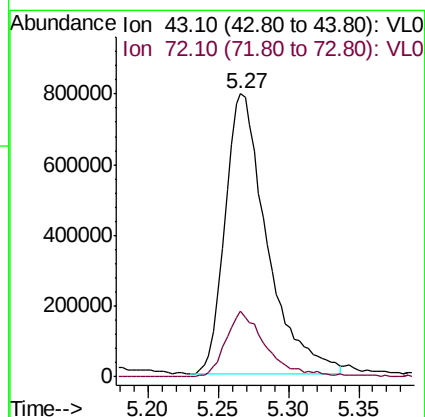
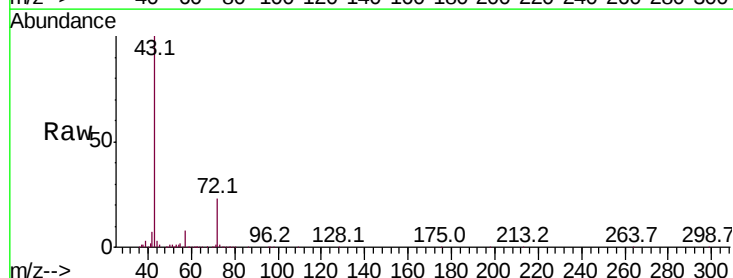
Delta R.T. 0.02 min

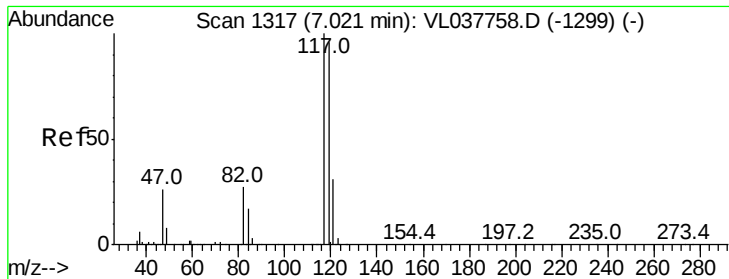
Lab File: VL037911.D

Acq: 27 Oct 2021 11:15

Tgt Ion: 43 Resp: 1650379

Ion	Ratio	Lower	Upper
43	100		
72	22.8	18.2	27.2





#35

Carbon Tetrachloride

Concen: 9.710 ppbv

RT: 7.04 Instrument: MSVOA_1

Delta R.T.

Lab File: ClientSampleId: VL1027ABS01

Acq: 27 Oct 2021 11:15

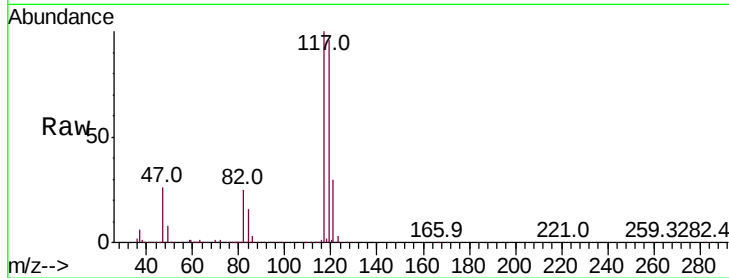
Tot Ion:117 Resp: 2459021

Ion Ratio Lower Upper

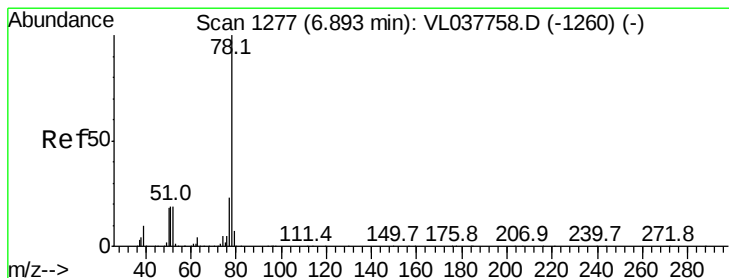
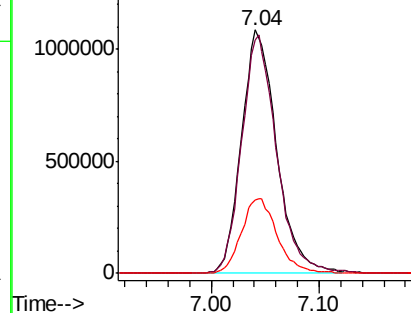
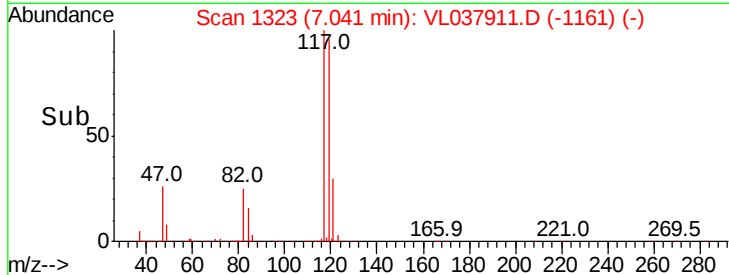
117 100

119 95.7 76.5 114.7

121 30.0 24.9 37.3



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: 9.587 ppbv

RT: 6.92 min Scan# 1284

Delta R.T. 0.02 min

Lab File: VL037911.D

Acq: 27 Oct 2021 11:15

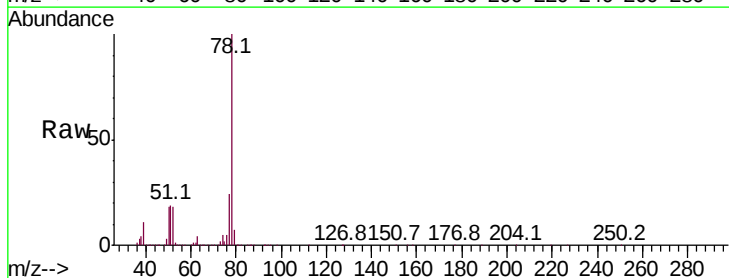
Tgt Ion: 78 Resp: 3651567

Ion Ratio Lower Upper

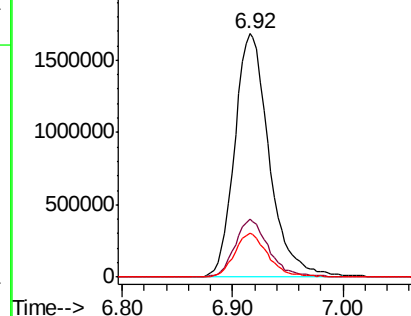
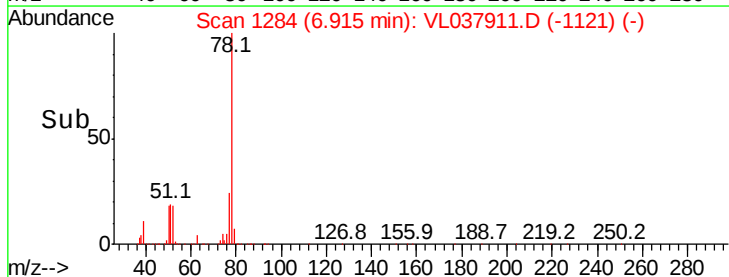
78 100

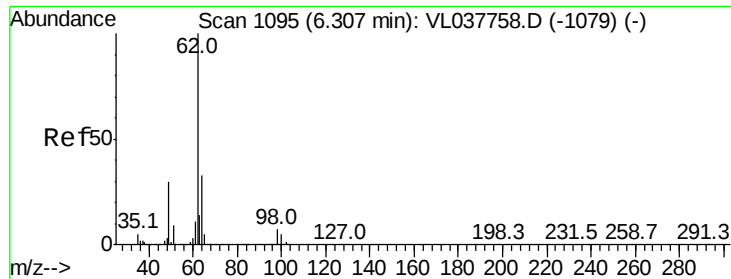
77 23.7 18.8 28.2

50 17.9 14.7 22.1



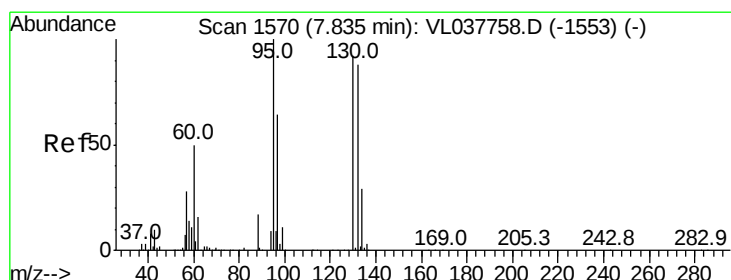
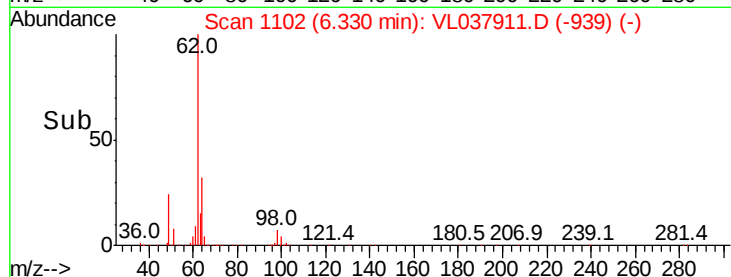
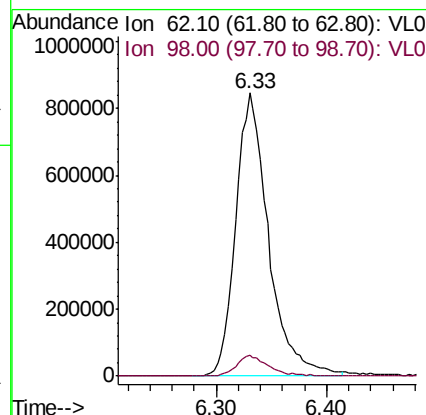
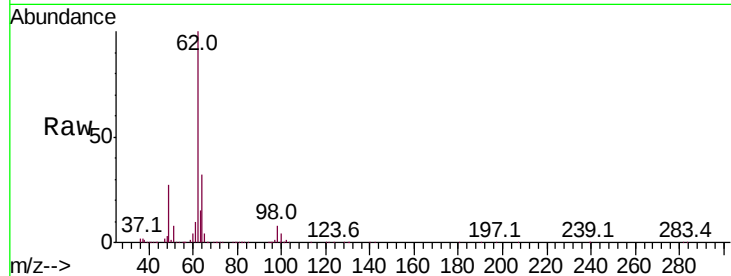
Abundance Ion 78.10 (77.80 to 78.80): VL0
Ion 77.10 (76.80 to 77.80): VL0
Ion 50.10 (49.80 to 50.80): VL0





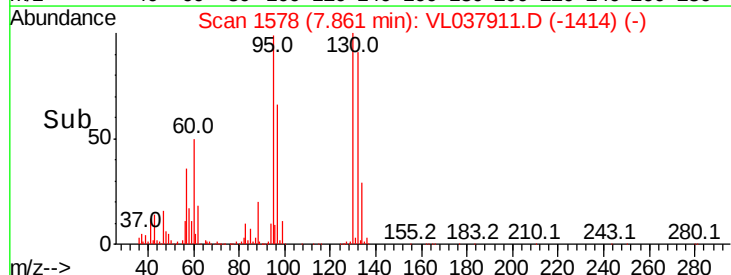
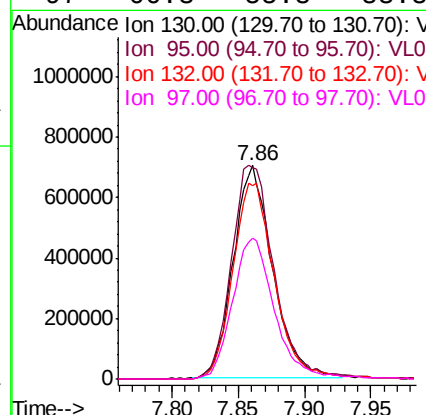
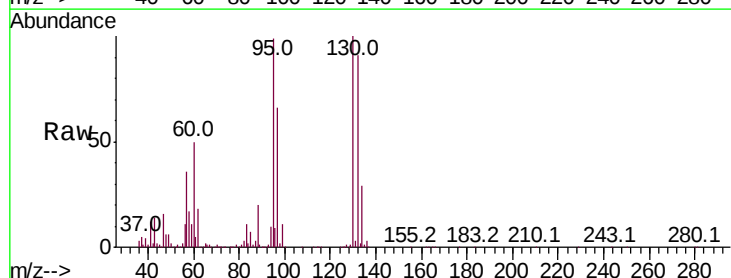
#37
 1,2-Dichloroethane
 Concen: 9.740 ppbv
 RT: 6.33
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VL1027ABS01
 Acq: 27 Oct 2021 11:15

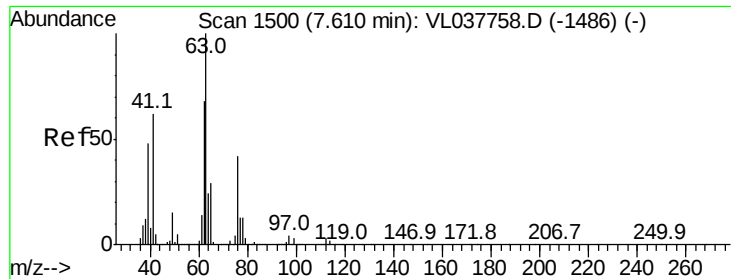
Tot Ion: 62 Resp: 1746690
 Ion Ratio Lower Upper
 62 100
 98 7.5 6.1 9.1



#38
 Trichloroethene
 Concen: 9.634 ppbv
 RT: 7.86 min Scan# 1578
 Delta R.T. 0.03 min
 Lab File: VL037911.D
 Acq: 27 Oct 2021 11:15

Tgt Ion:130 Resp: 1449569
 Ion Ratio Lower Upper
 130 100
 95 99.2 87.4 131.0
 132 91.1 76.8 115.2
 97 66.3 55.8 83.8





#39

1,2-Dichloropropane

Concen: 9.673 ppbv

RT: 7.64 Instrument: MSVOA_1

Delta R.T.

Lab File: ClientSampleId:

Acq: 27 Oct 2021 11:15

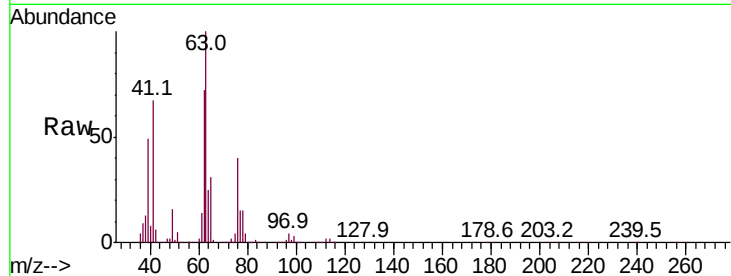
Tot Ion: 63 Resp: 1385789

Ion Ratio Lower Upper

63 100

41 67.4 49.8 74.6

62 71.6 54.6 82.0



Abundance Ion 63.10 (62.80 to 63.80): VL0

Ion 41.10 (40.80 to 41.80): VL0

Ion 62.10 (61.80 to 62.80): VL0

7.64

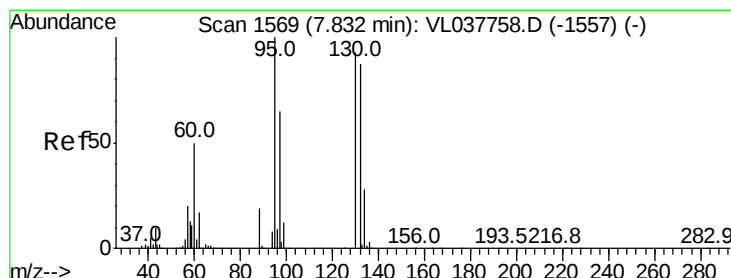
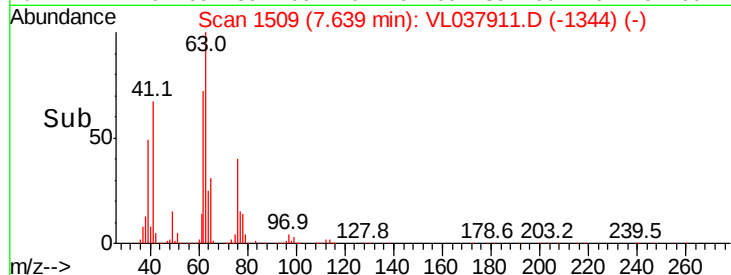
600000

400000

200000

0

Time-->



#40

1,4-Dioxane

Concen: 9.209 ppbv

RT: 7.86 min Scan# 1578

Delta R.T. 0.03 min

Lab File: VL037911.D

Acq: 27 Oct 2021 11:15

Tgt Ion: 88 Resp: 330132

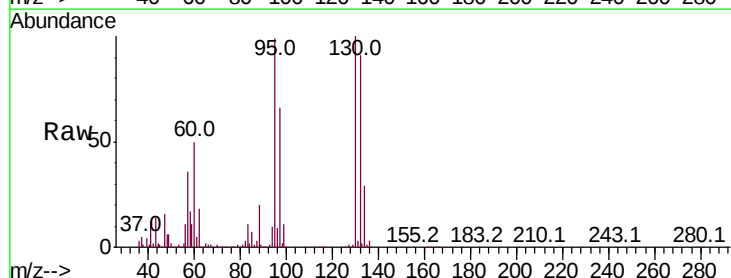
Ion Ratio Lower Upper

88 100

58 168.1 0.0 0.0#

43 403.2 0.0 0.0#

57 1872.9 0.0 0.0#



Abundance Ion 88.10 (87.80 to 88.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

Ion 43.10 (42.80 to 43.80): VL0

Ion 57.10 (56.80 to 57.80): VL0

7.86

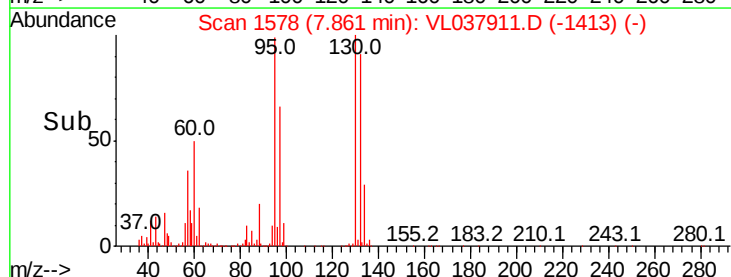
3000000

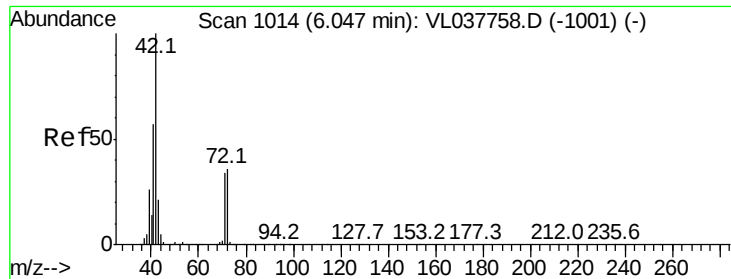
2000000

1000000

0

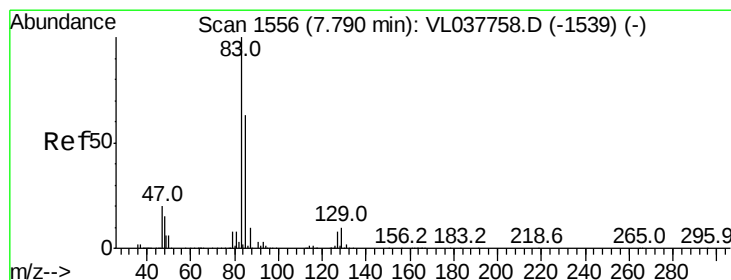
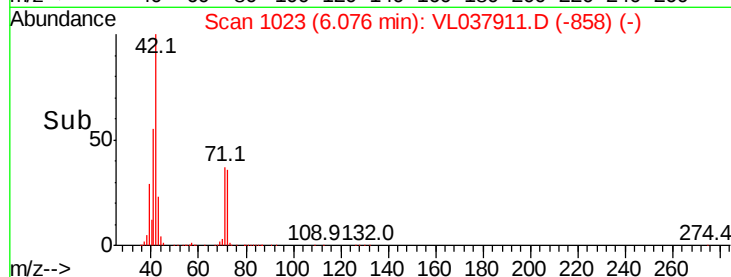
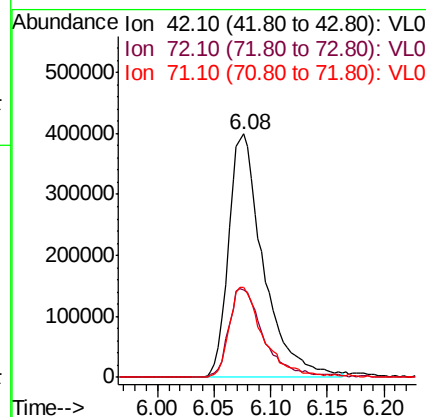
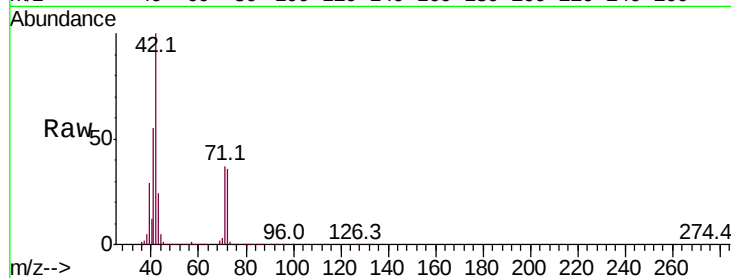
Time-->





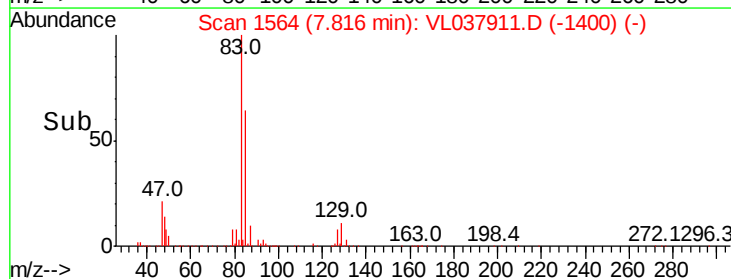
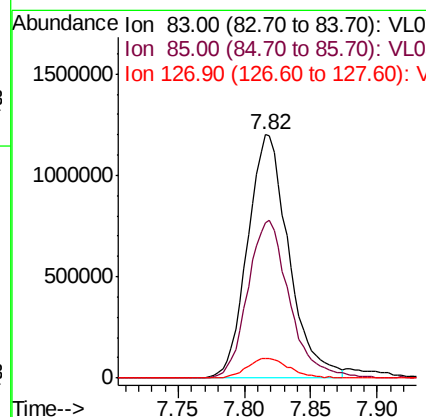
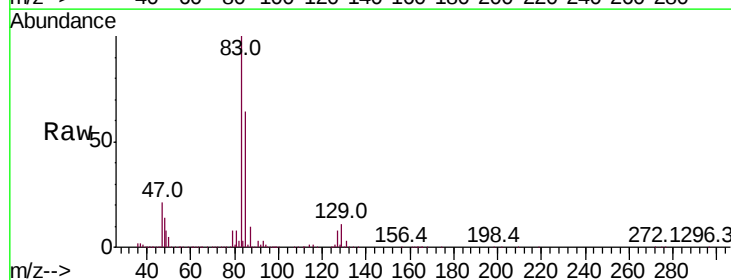
#41
Tetrahydrofuran
Concen: 9.677 ppbv
RT: 6.08
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId : VL1027ABS01
Acq: 27 Oct 2021 11:15

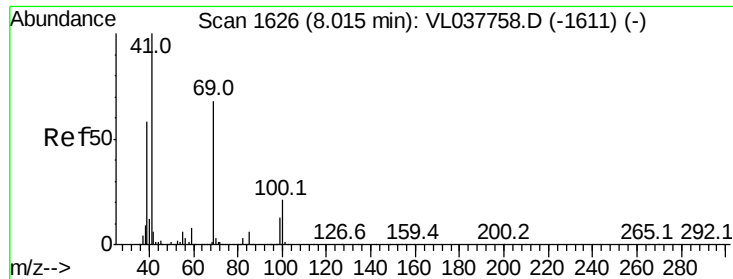
Tot Ion	Ratio	Lower	Upper
42	100		
72	37.2	31.9	47.9
71	37.0	30.3	45.5



#42
Bromodichloromethane
Concen: 9.850 ppbv
RT: 7.82 min Scan# 1564
Delta R.T.: 0.03 min
Lab File: VL037911.D
Acq: 27 Oct 2021 11:15

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.7	50.6	75.8
127	7.8	6.2	9.4





#43

Methyl Methacrylate

Concen: 10.354 ppbv

RT: 8.04

Instrument: MSVOA_1

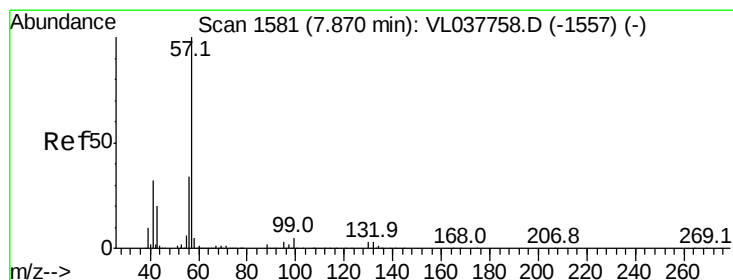
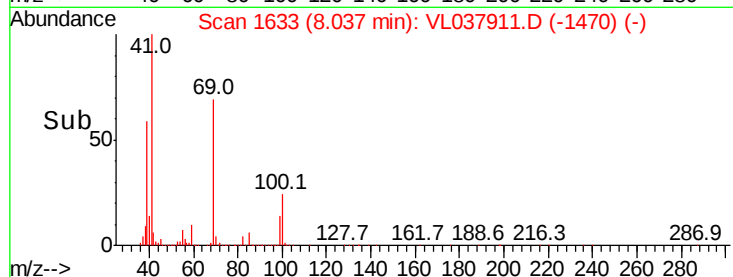
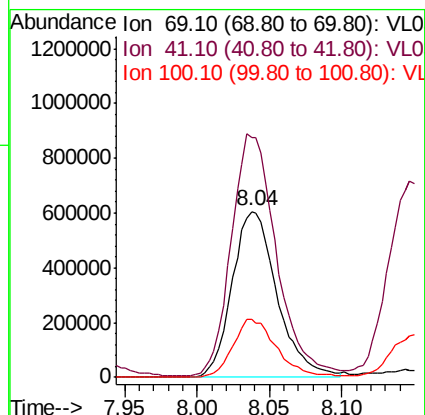
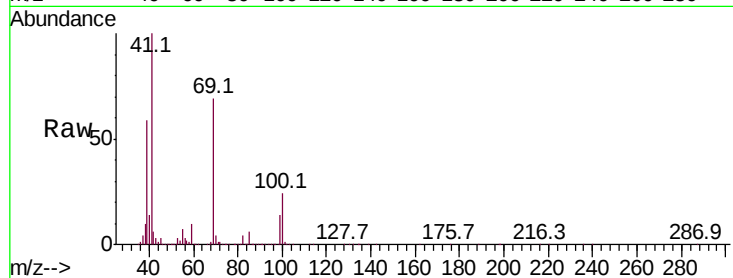
Delta R.T. ClientSampleId:

Lab File: VL1027ABS01

Acq: 27 Oct 2021 11:15

Tot Ion: 69 Resp: 1288071

Ion	Ratio	Lower	Upper
69	100		
41	150.1	121.0	181.4
100	34.7	27.7	41.5



#44

2,2,4-Trimethylpentane

Concen: 9.624 ppbv

RT: 7.89 min Scan# 1588

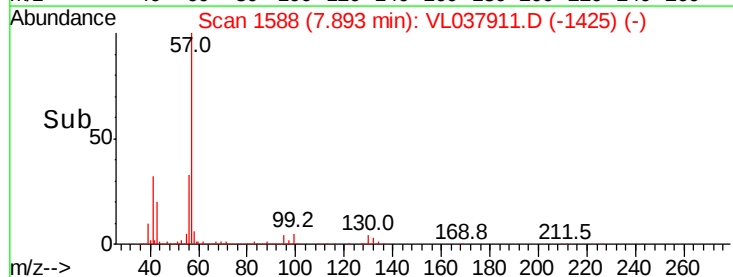
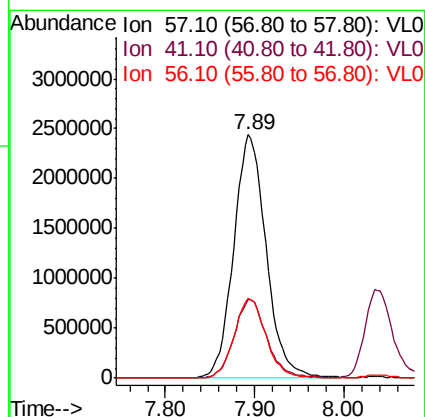
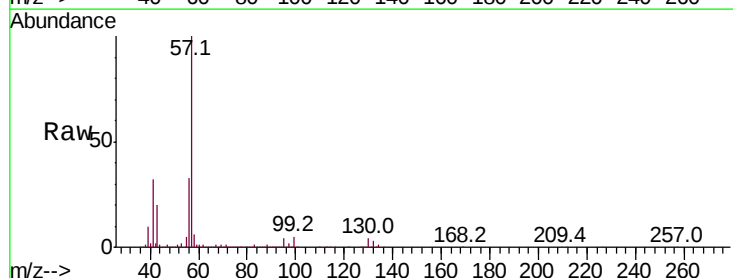
Delta R.T. 0.02 min

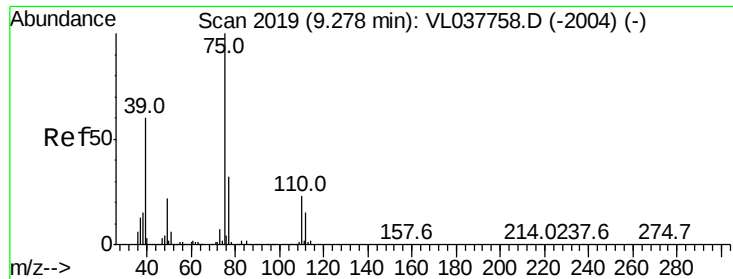
Lab File: VL037911.D

Acq: 27 Oct 2021 11:15

Tgt Ion: 57 Resp: 6158281

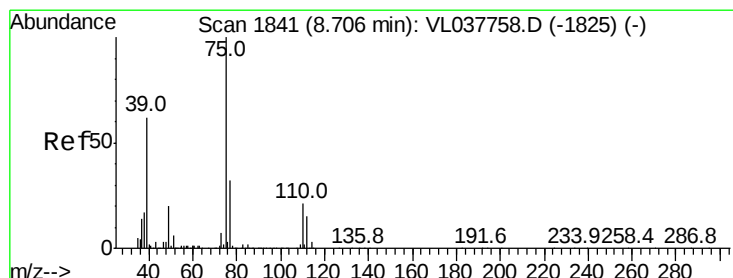
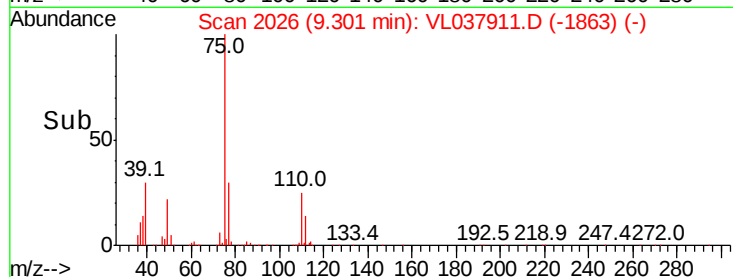
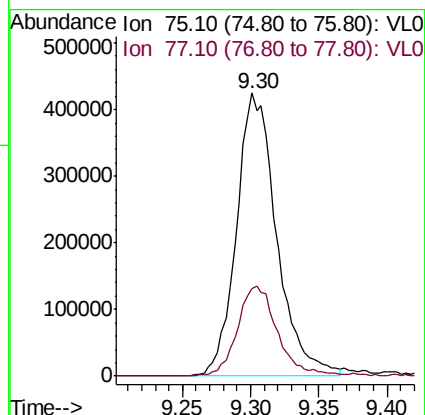
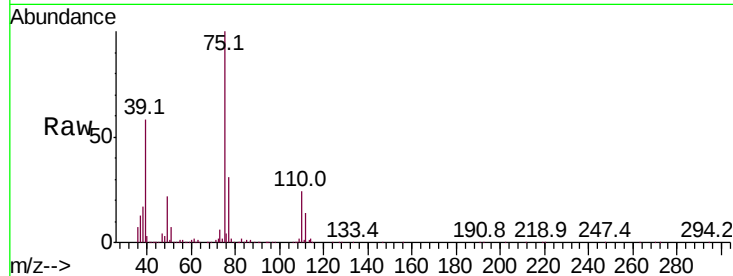
Ion	Ratio	Lower	Upper
57	100		
41	32.3	25.6	38.4
56	32.2	25.5	38.3





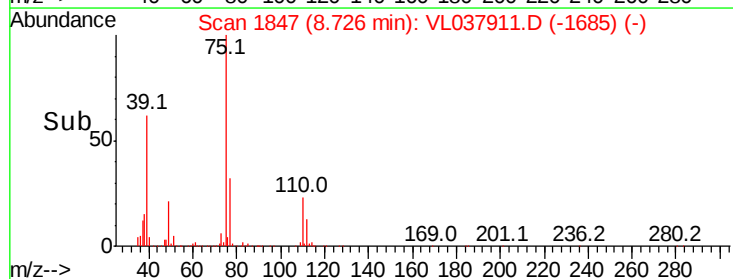
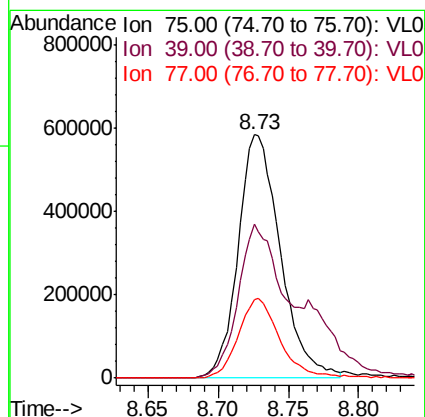
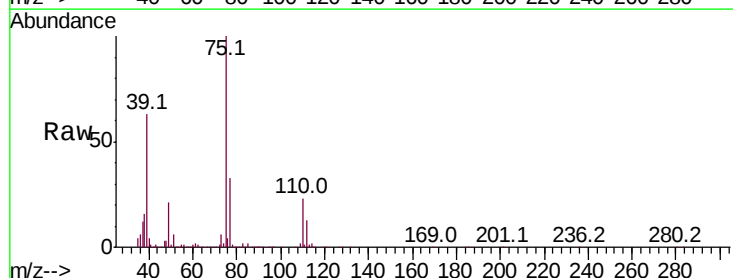
#45
t-1,3-Dichloropropene
Concen: 10.114 ppbv
RT: 9.30
Delta R.T. MSVOA_1
Lab File: ClientSampleId : VL1027ABS01
Acq: 27 Oct 2021 11:15

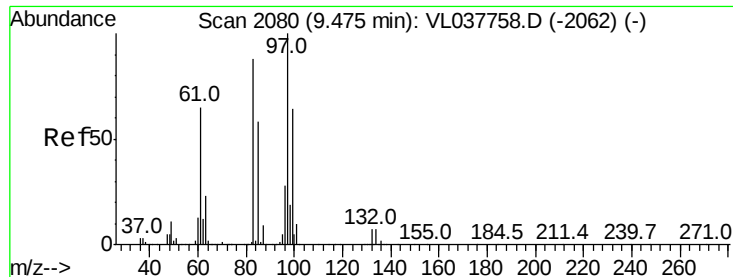
Tot Ion: 75 Resp: 865744
Ion Ratio Lower Upper
75 100
77 31.1 25.2 37.8



#46
cis-1,3-Dichloropropene
Concen: 10.280 ppbv
RT: 8.73 min Scan# 1847
Delta R.T. 0.02 min
Lab File: VL037911.D
Acq: 27 Oct 2021 11:15

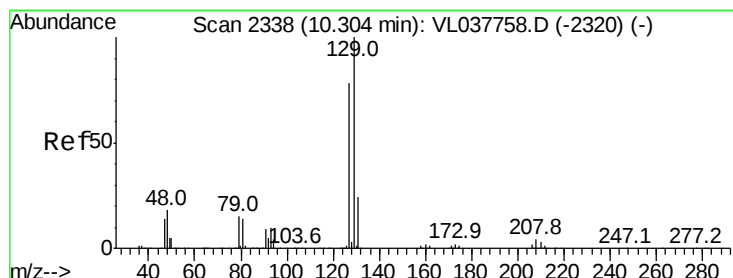
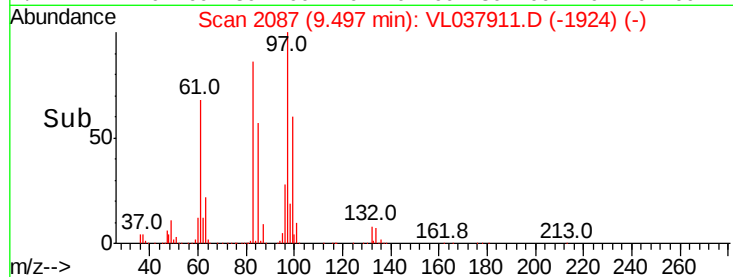
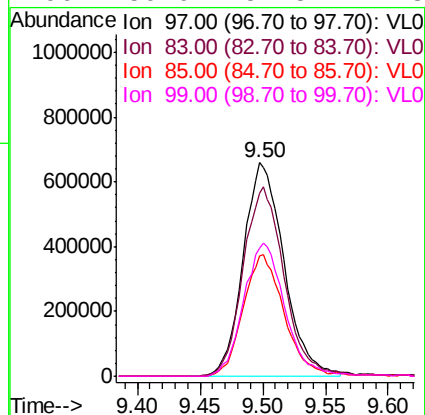
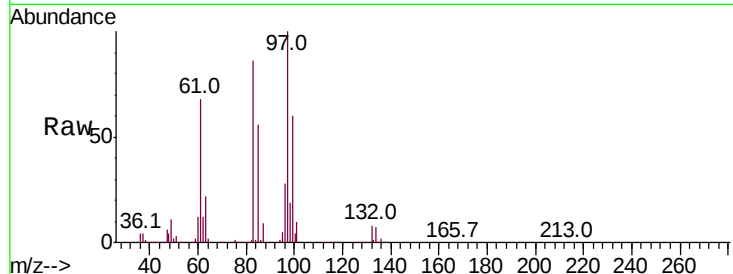
Tgt Ion: 75 Resp: 1219707
Ion Ratio Lower Upper
75 100
39 62.6 49.9 74.9
77 32.4 25.9 38.9





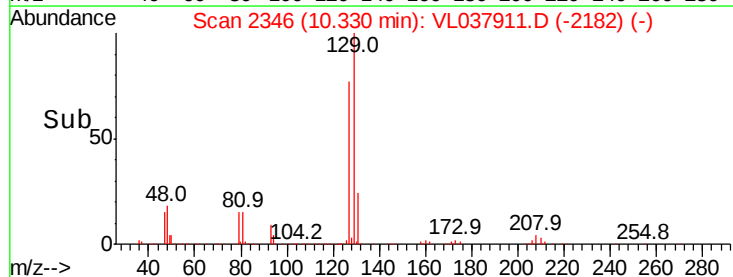
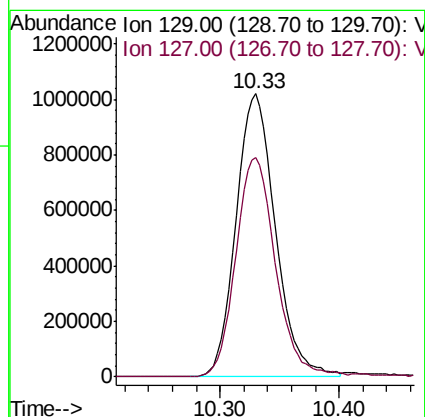
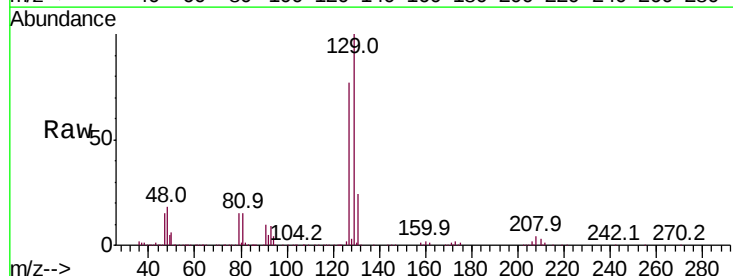
#47
 1,1,2-Trichloroethane
 Concen: 9.569 ppbv
 RT: 9.50
 Delta R.T. MSVOA_1
 Lab File: ClientSampleId :
 VL1027ABS01
 Acq: 27 Oct 2021 11:15

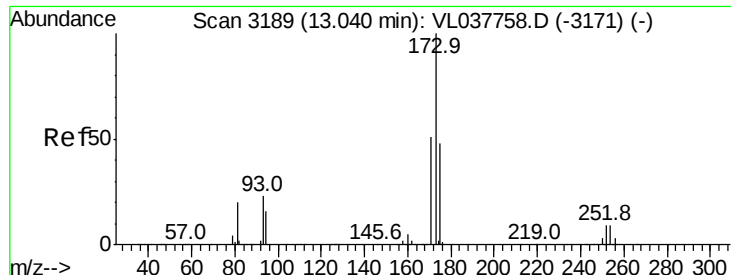
Tot Ion:	97	Resp:	1490233
Ion	Ratio	Lower	Upper
97	100		
83	86.0	70.6	105.8
85	56.4	45.9	68.9
99	59.9	51.5	77.3



#48
 Dibromochloromethane
 Concen: 10.553 ppbv
 RT: 10.33 min Scan# 2346
 Delta R.T. 0.03 min
 Lab File: VL037911.D
 Acq: 27 Oct 2021 11:15

Tgt Ion:	129	Resp:	2342895
Ion	Ratio	Lower	Upper
129	100		
127	79.3	39.5	118.5





#49

Bromoform

Concen: 11.306 ppbv

RT: 13.07

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 27 Oct 2021 11:15

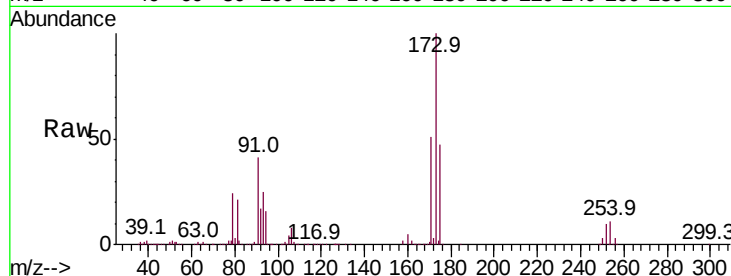
Tot Ion:173 Resp: 1920639

Ion Ratio Lower Upper

173 100

175 53.1 39.9 59.9

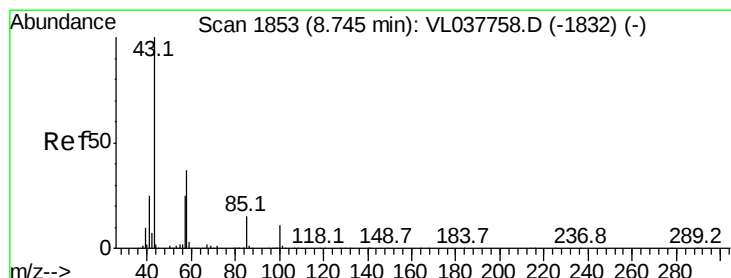
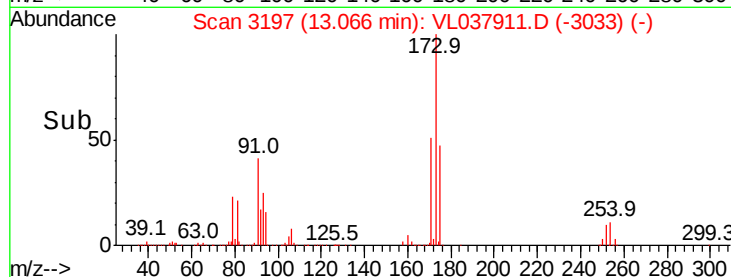
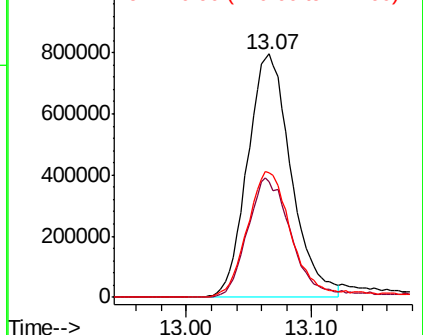
171 56.2 43.4 65.2



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: 10.251 ppbv

RT: 8.77 min Scan# 1860

Delta R.T. 0.02 min

Lab File: VL037911.D

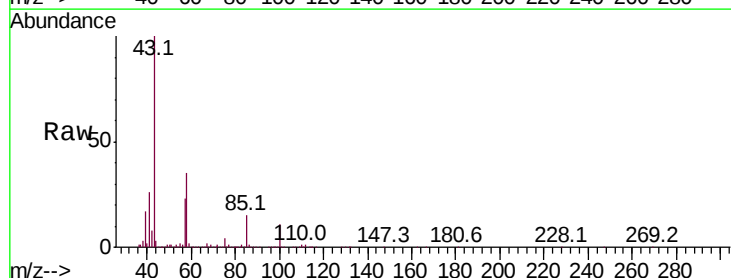
Acq: 27 Oct 2021 11:15

Tgt Ion: 43 Resp: 2402392

Ion Ratio Lower Upper

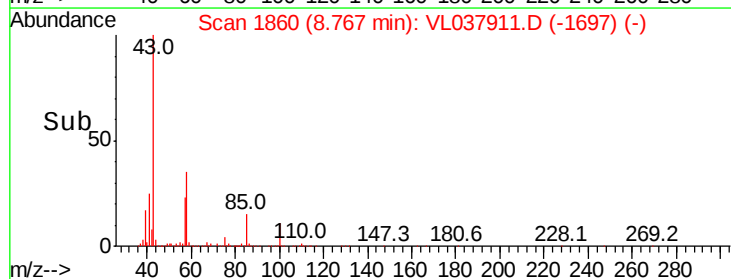
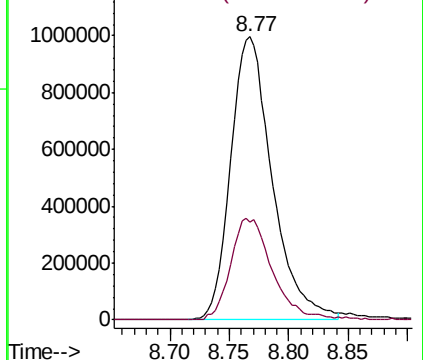
43 100

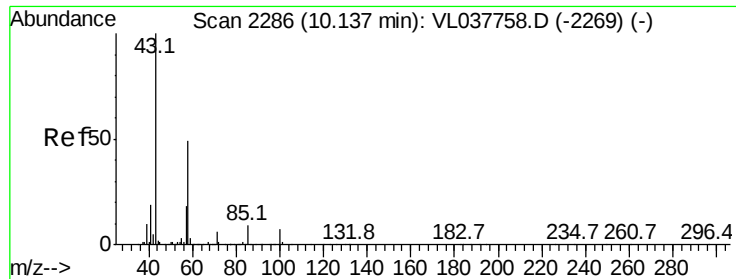
58 36.6 29.4 44.0



Abundance Ion 43.10 (42.80 to 43.80): VL0

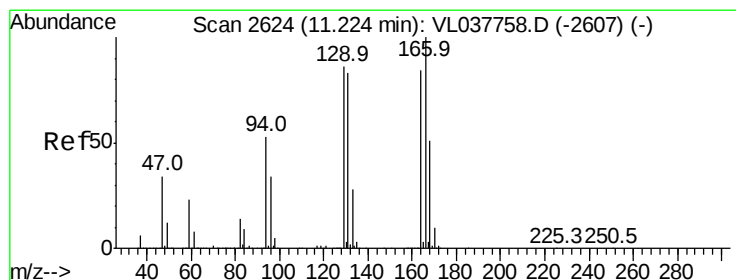
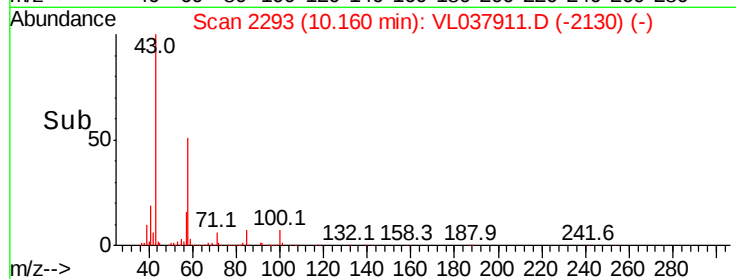
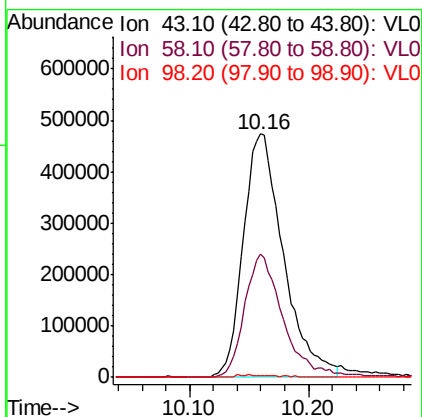
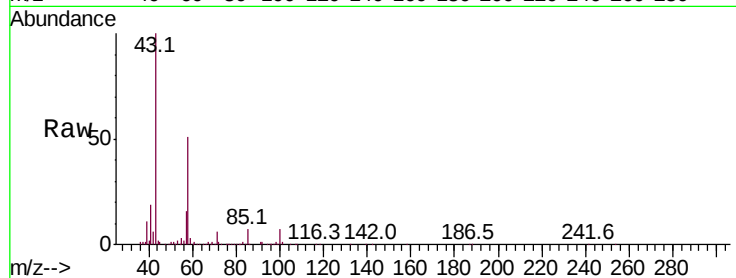
Ion 58.10 (57.80 to 58.80): VL0





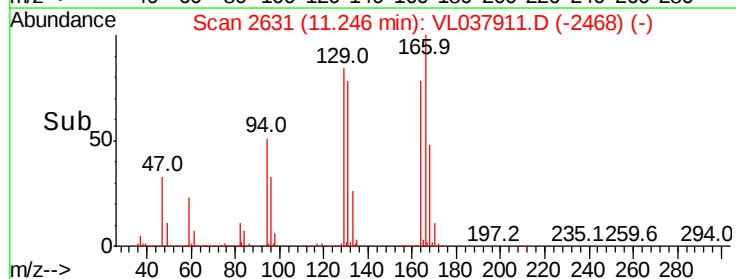
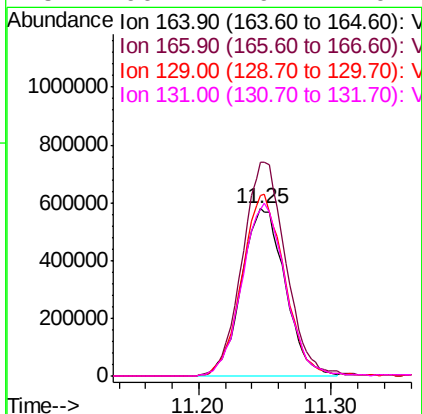
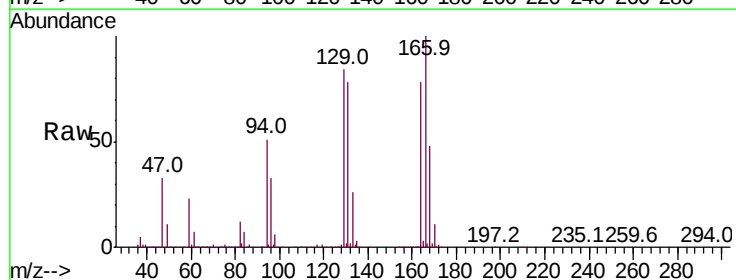
#51
2-Hexanone
Concen: 10.553 ppbv
RT: 10.16
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 27 Oct 2021 11:15

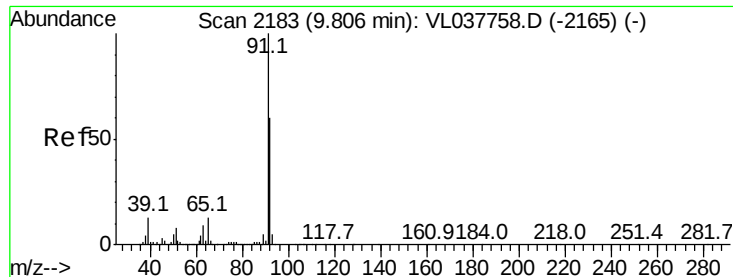
Tot Ion: 43 Resp: 1104014
Ion Ratio Lower Upper
43 100
58 49.1 39.4 59.0
98 1.2 0.3 0.5#



#52
Tetrachloroethene
Concen: 8.924 ppbv
RT: 11.25 min Scan# 2631
Delta R.T. 0.02 min
Lab File: VL037911.D
Acq: 27 Oct 2021 11:15

Tgt Ion: 164 Resp: 1322424
Ion Ratio Lower Upper
164 100
166 127.5 95.4 143.2
129 107.6 82.2 123.4
131 99.4 79.4 119.2





#53

Toluene

Concen: 9.985 ppbv

RT: 9.83 Instrument: MSVOA_1

Delta R.T. 0.02 min

Lab File: ClientSampleId: VL1027ABS01

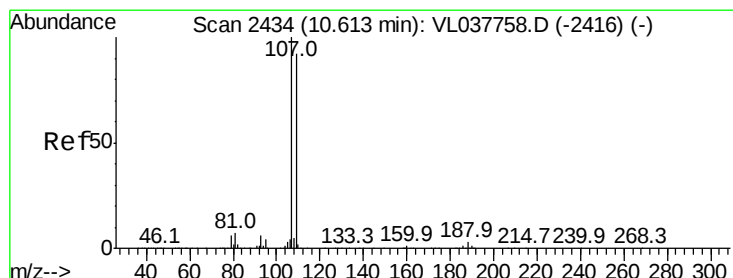
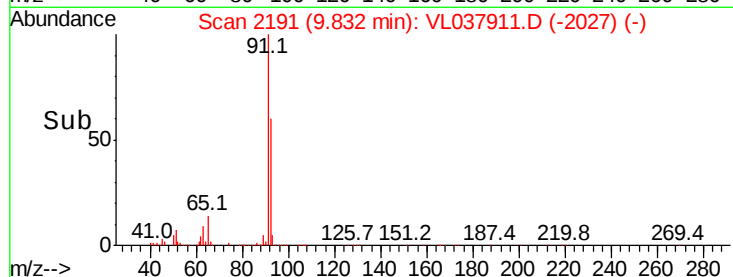
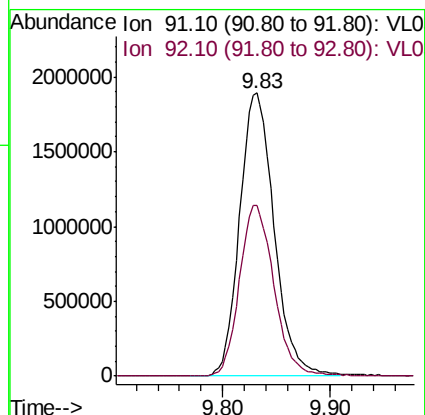
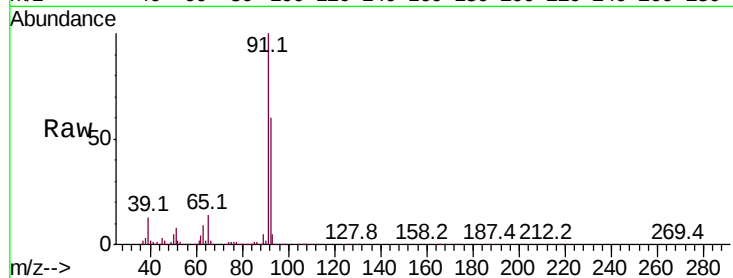
Acq: 27 Oct 2021 11:15

Tot Ion: 91 Resp: 4214565

Ion Ratio Lower Upper

91 100

92 60.7 48.4 72.6



#54

1,2-Dibromoethane

Concen: 9.767 ppbv

RT: 10.64 min Scan# 2441

Delta R.T. 0.02 min

Lab File: VL037911.D

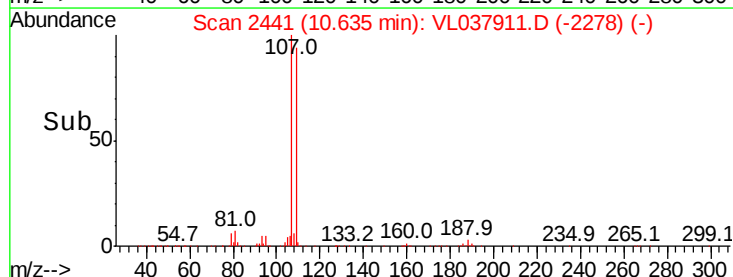
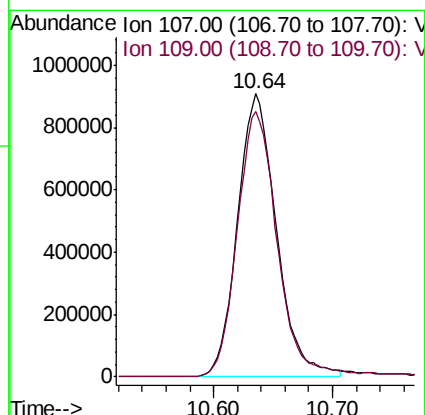
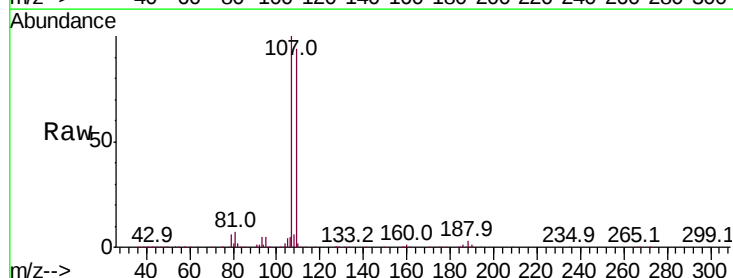
Acq: 27 Oct 2021 11:15

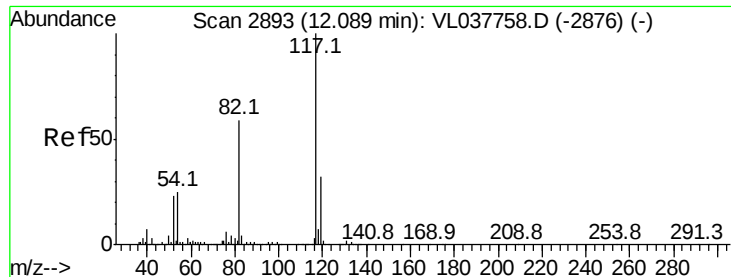
Tgt Ion: 107 Resp: 2054721

Ion Ratio Lower Upper

107 100

109 94.0 73.8 110.6

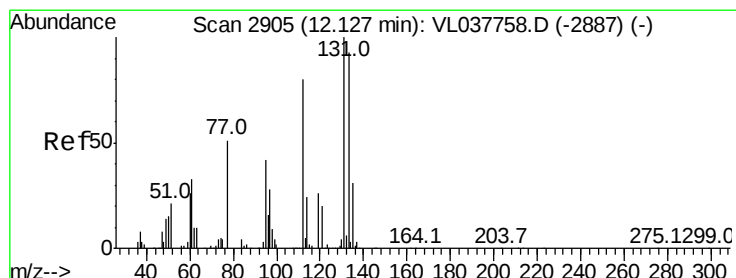
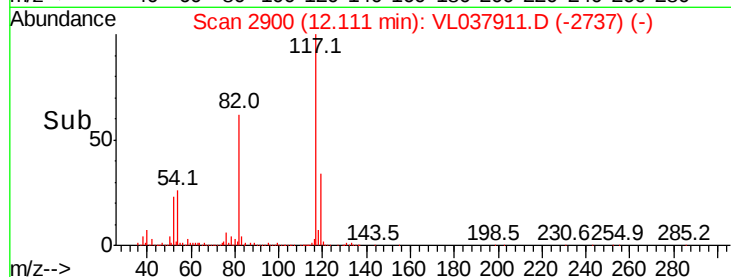
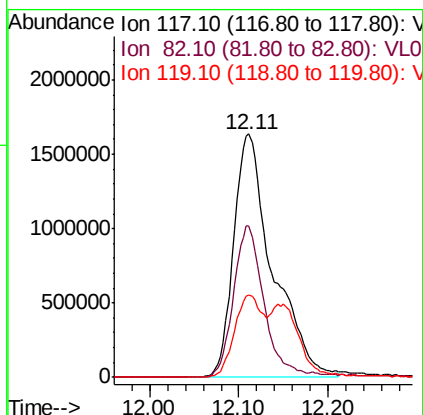
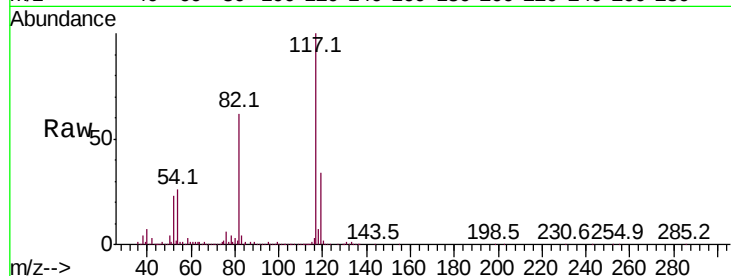




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.11 min
Instrument: MSVOA_1
Delta R.T.: 0.02 min
Lab File: VL037911.D
ClientSampleId: VL1027ABS01
Acq: 27 Oct 2021 11:15

Tot Ion:117 Resp: 4952487

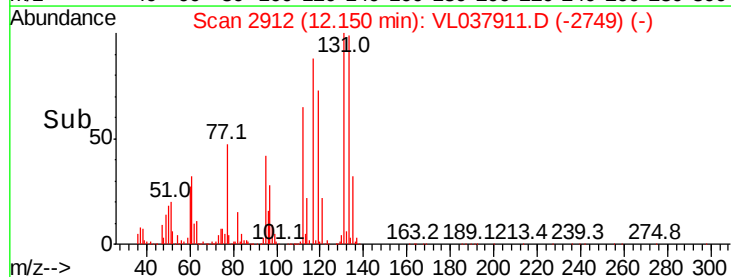
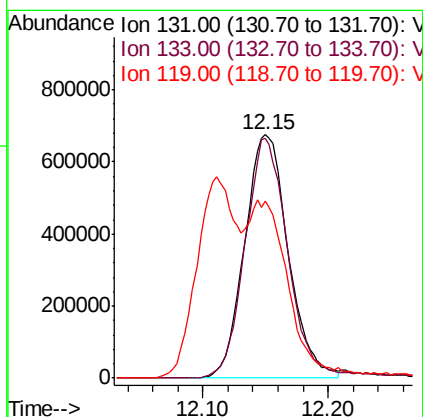
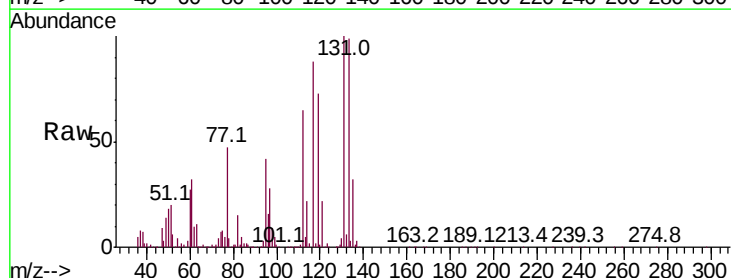
Ion	Ratio	Lower	Upper
117	100		
82	50.3	52.2	78.2#
119	24.6	26.0	39.0#

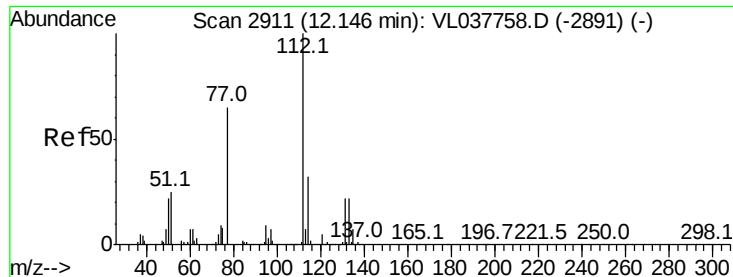


#56
1,1,1,2-Tetrachloroethane
Concen: 7.959 ppbv
RT: 12.15 min Scan# 2912
Delta R.T.: 0.02 min
Lab File: VL037911.D
Acq: 27 Oct 2021 11:15

Tgt Ion:131 Resp: 1631814

Ion	Ratio	Lower	Upper
131	100		
133	99.2	78.5	117.7
119	74.1	51.7	77.5





#57

Chlorobenzene

Concen: 7.881 ppbv

RT: 12.17

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 27 Oct 2021 11:15

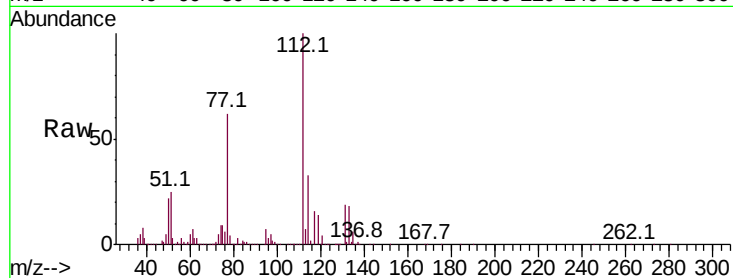
Tot Ion: 112 Resp: 3201657

Ion Ratio Lower Upper

112 100

77 60.9 51.8 77.8

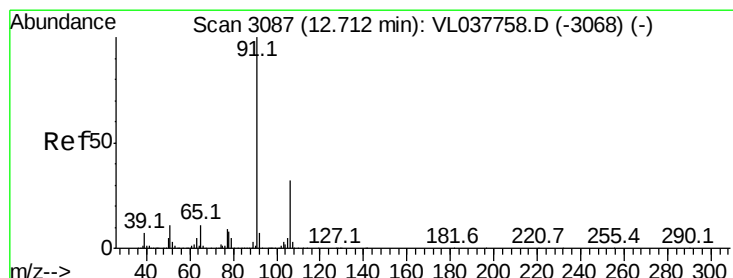
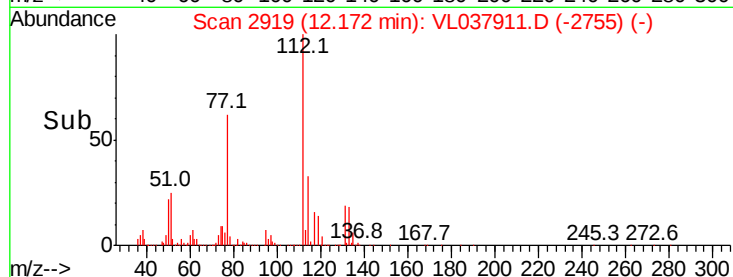
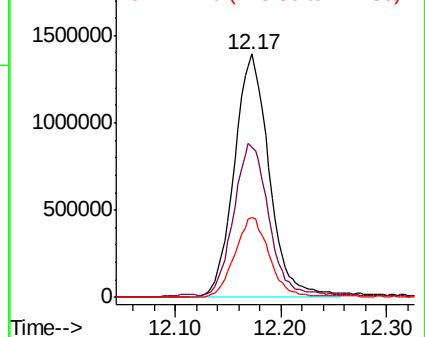
114 32.9 28.8 35.2



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: 8.178 ppbv

RT: 12.73 min Scan# 3093

Delta R.T. 0.02 min

Lab File: VL037911.D

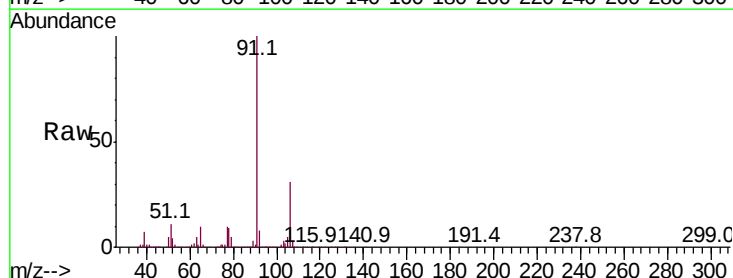
Acq: 27 Oct 2021 11:15

Tgt Ion: 91 Resp: 5438216

Ion Ratio Lower Upper

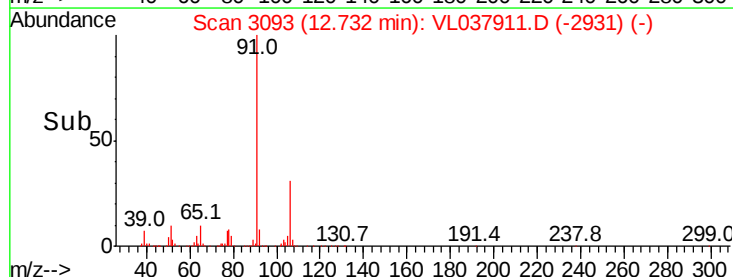
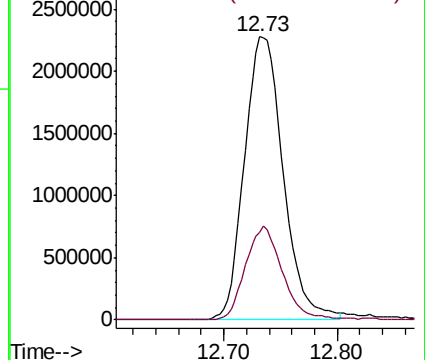
91 100

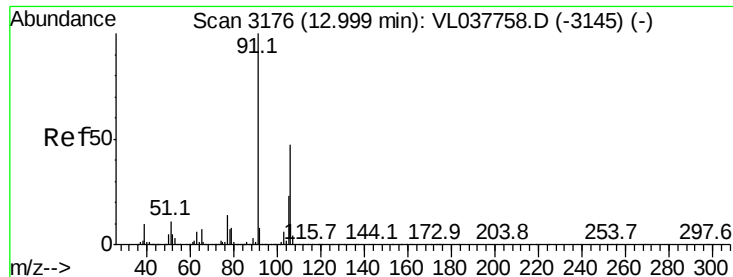
106 31.1 25.3 37.9



Abundance Ion 91.10 (90.80 to 91.80): VL0

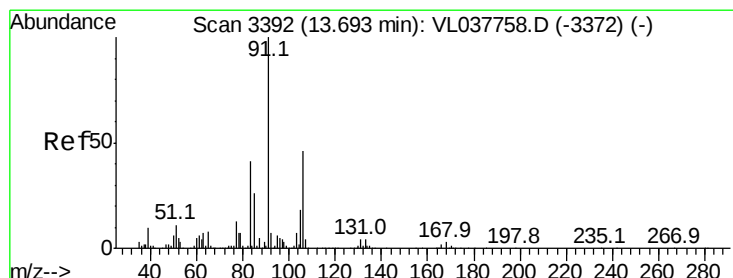
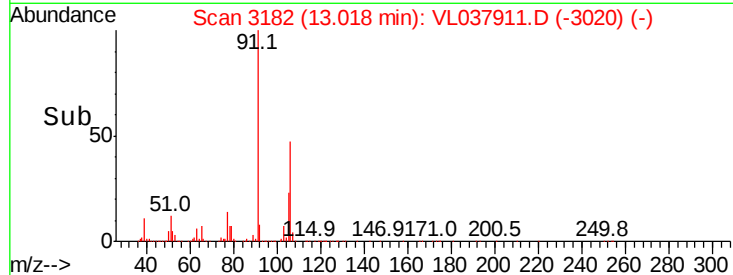
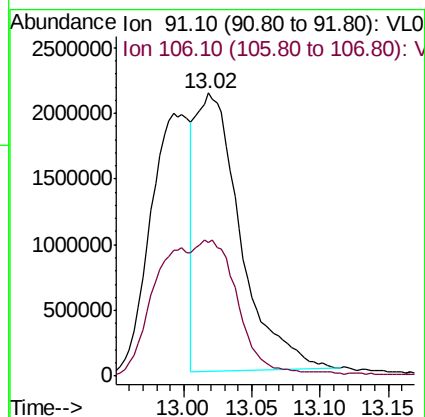
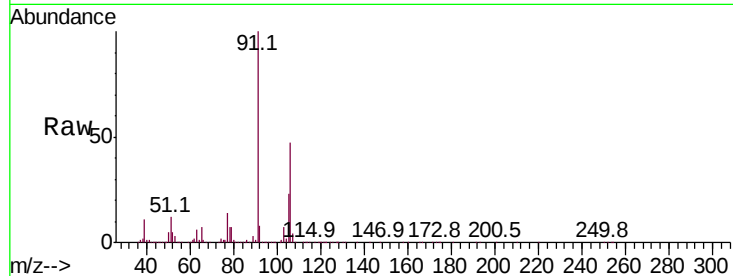
Ion 106.10 (105.80 to 106.80): V





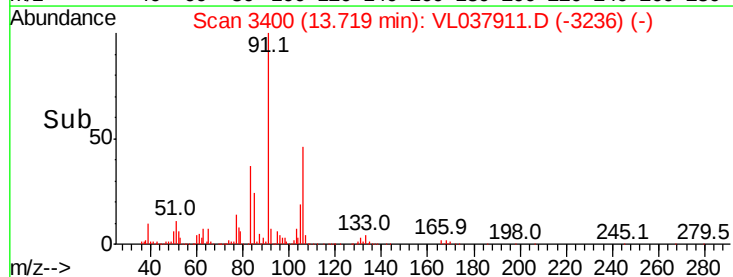
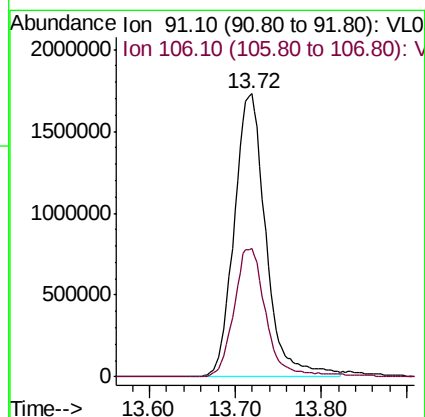
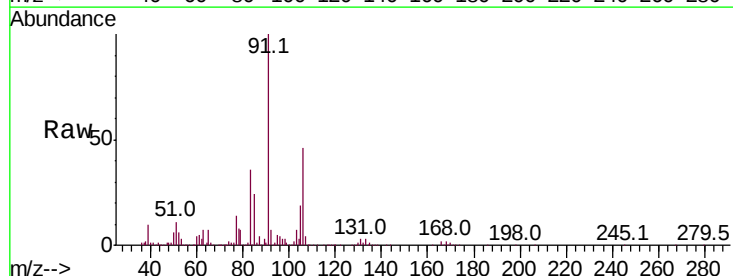
#59
m/p-Xylene
Concen: 8.464 ppbv
RT: 13.02
Delta R.T. MSVOA_1
Lab File: ClientSampleId :
Acq: 27 Oct 2021 11:15

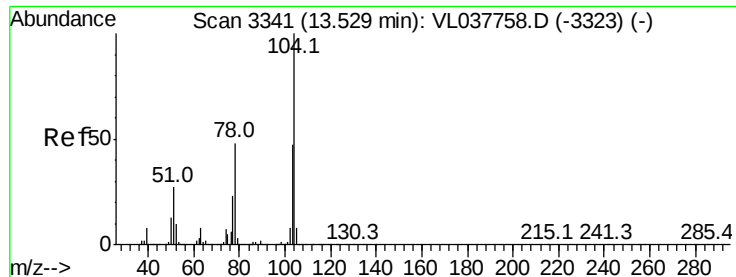
Tot Ion: 91 Resp: 4831700
Ion Ratio Lower Upper
91 100
106 89.9 36.7 55.1#



#60
o-Xylene
Concen: 8.069 ppbv
RT: 13.72 min Scan# 3400
Delta R.T. 0.03 min
Lab File: VL037911.D
Acq: 27 Oct 2021 11:15

Tgt Ion: 91 Resp: 4414313
Ion Ratio Lower Upper
91 100
106 46.3 23.5 70.5





#61

Stvrene

Concen: 9.030 ppbv

RT: 13.55

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 27 Oct 2021 11:15

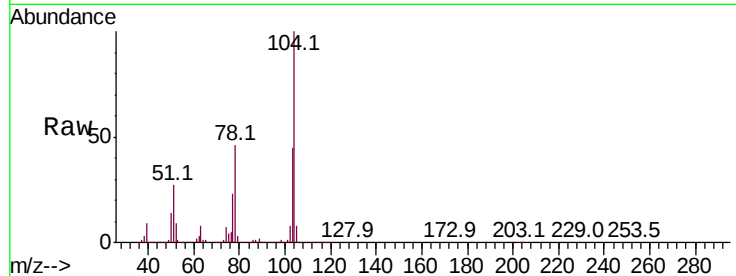
Tot Ion:104 Resp: 2389438

Ion Ratio Lower Upper

104 100

78 49.3 40.6 61.0

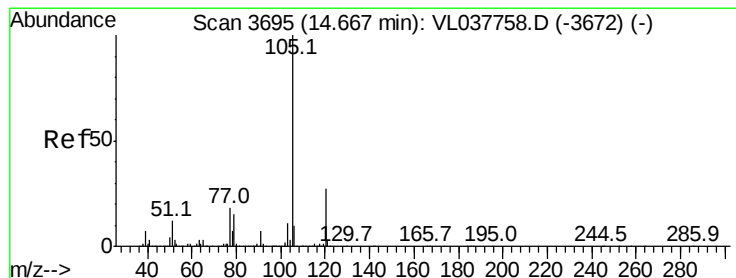
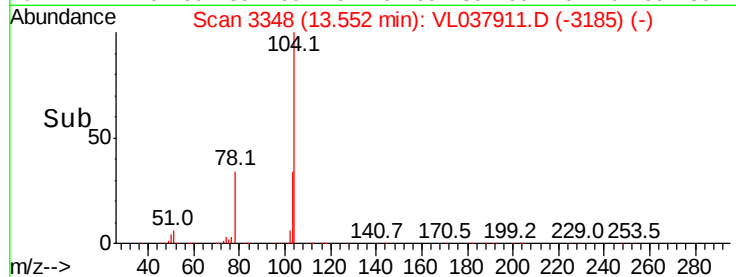
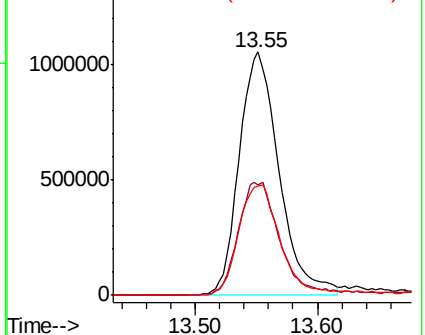
103 48.7 39.6 59.4



Abundance Ion 104.10 (103.80 to 104.80): V

Ion 78.10 (77.80 to 78.80): VL0

Ion 103.10 (102.80 to 103.80): V



#62

Isopropylbenzene

Concen: 7.859 ppbv

RT: 14.69 min Scan# 3702

Delta R.T. 0.02 min

Lab File: VL037911.D

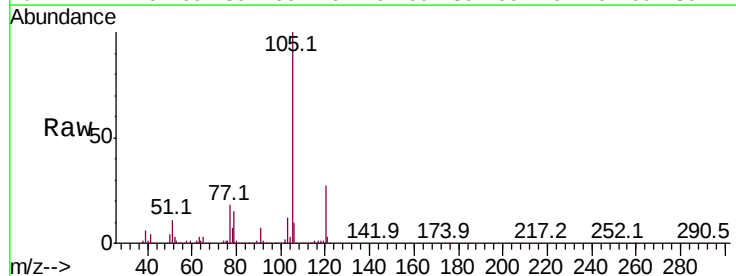
Acq: 27 Oct 2021 11:15

Tgt Ion:105 Resp: 5997219

Ion Ratio Lower Upper

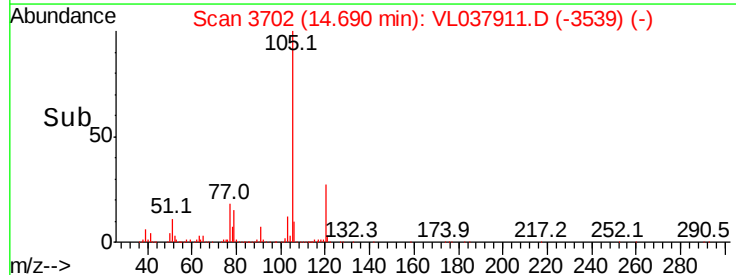
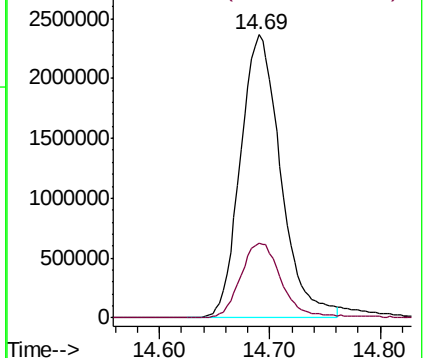
105 100

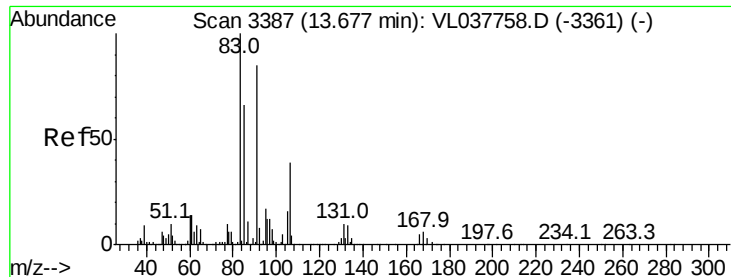
120 27.3 21.3 31.9



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: 7.584 ppbv

RT: 13.70

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

Acq: 27 Oct 2021 11:15

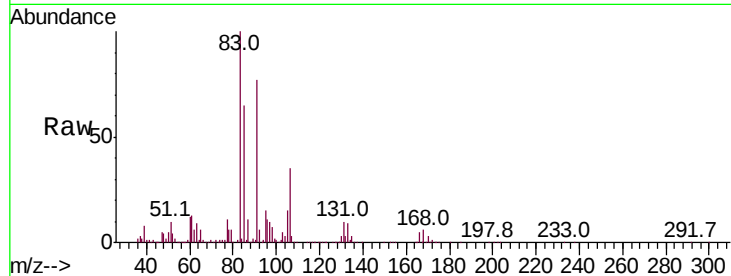
Tot Ion: 83 Resp: 3201636

Ion Ratio Lower Upper

83 100

131 9.9 5.0 15.0

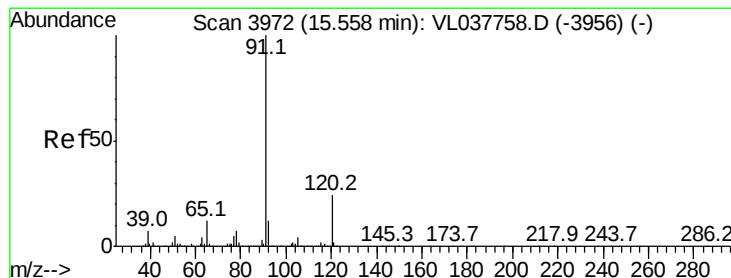
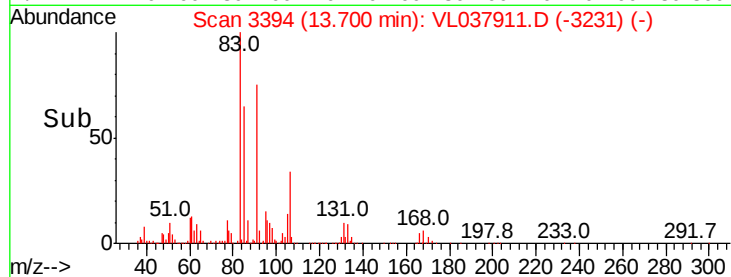
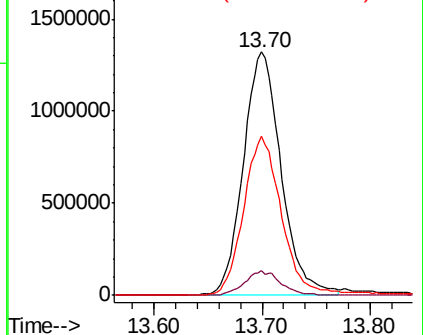
85 66.9 33.1 99.5



Abundance Ion 83.00 (82.70 to 83.70): VL0

Ion 131.00 (130.70 to 131.70): VL0

Ion 85.00 (84.70 to 85.70): VL0



#64

n-propylbenzene

Concen: 8.470 ppbv

RT: 15.59 min Scan# 3981

Delta R.T. 0.03 min

Lab File: VL037911.D

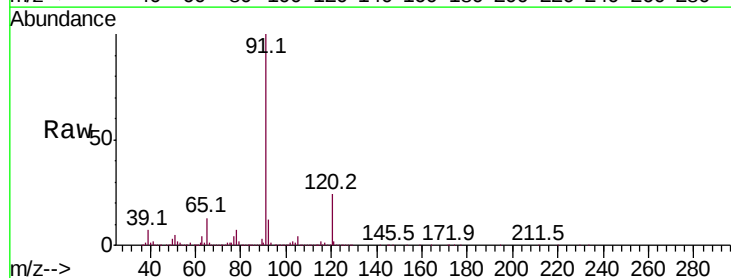
Acq: 27 Oct 2021 11:15

Tgt Ion:120 Resp: 1611737

Ion Ratio Lower Upper

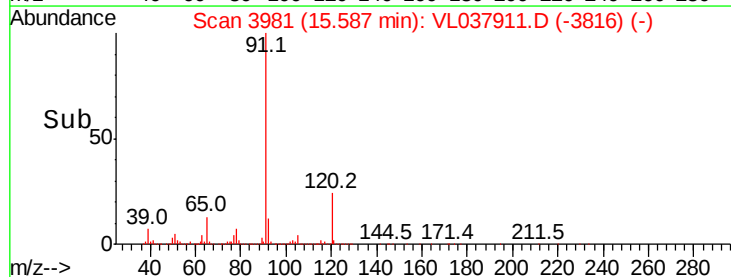
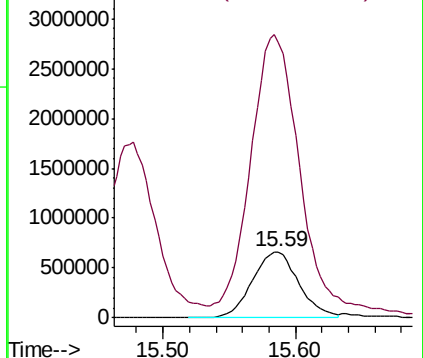
120 100

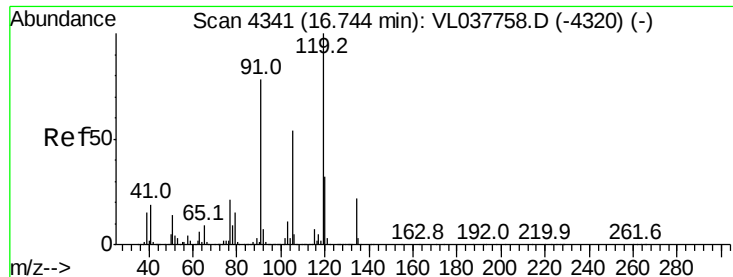
91 475.1 375.0 562.6



Abundance Ion 120.20 (119.90 to 120.90): VL0

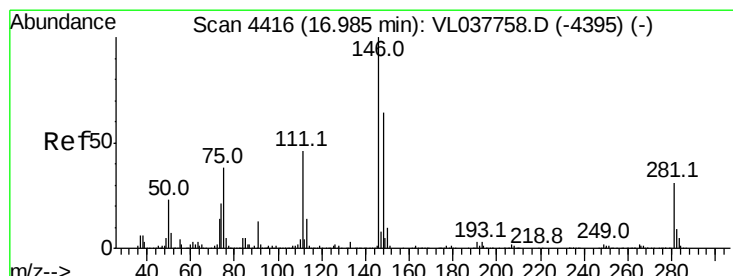
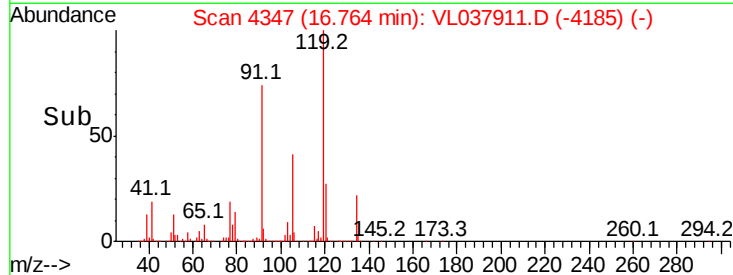
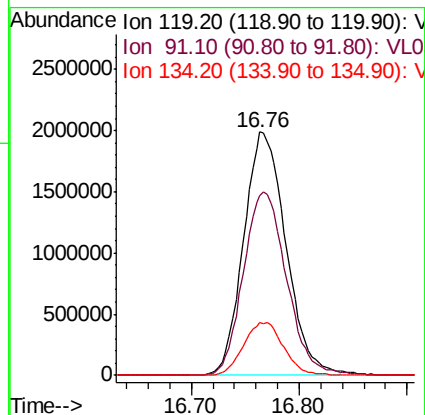
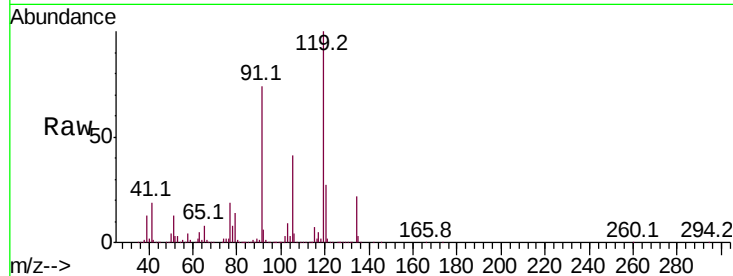
Ion 91.10 (90.80 to 91.80): VL0





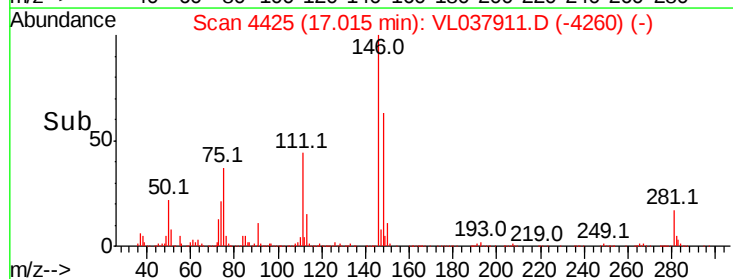
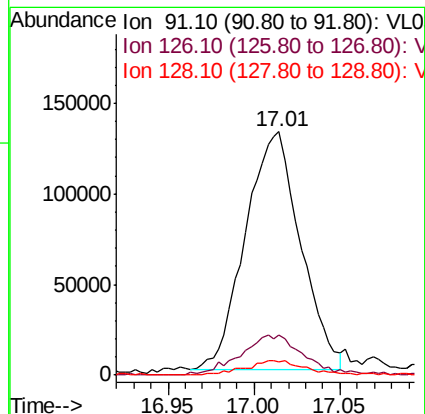
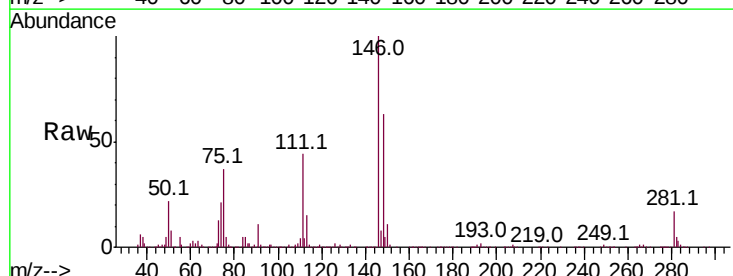
#65
tert-Butylbenzene
Concen: 8.049 ppbv
RT: 16.76 min
Delta R.T. 0.03 min
Lab File: VL037911.D
Acq: 27 Oct 2021 11:15

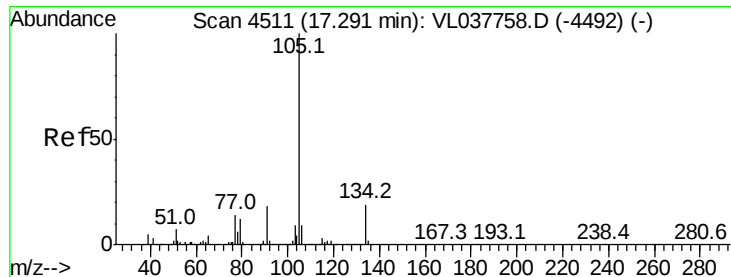
Tot Ion: 119 Resp: 5404656
Ion Ratio Lower Upper
119 100
91 77.3 62.6 94.0
134 20.8 16.3 24.5



#66
Benzyl Chloride
Concen: 8.839 ppbv
RT: 17.01 min Scan# 4425
Delta R.T. 0.03 min
Lab File: VL037911.D
Acq: 27 Oct 2021 11:15

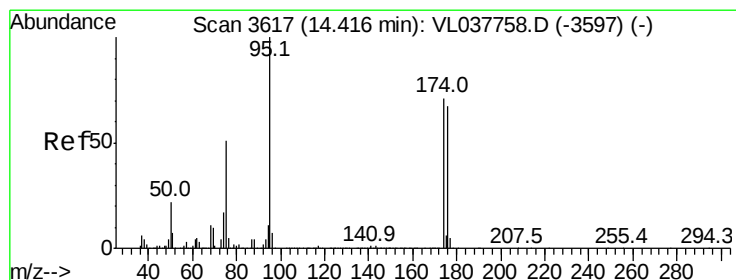
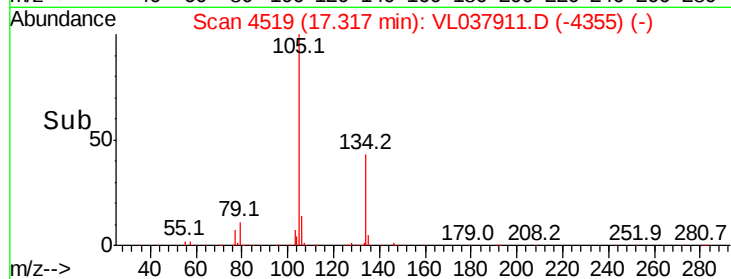
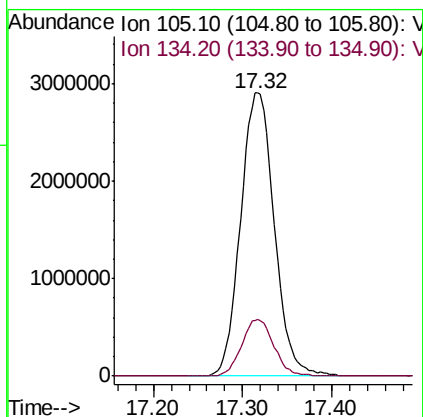
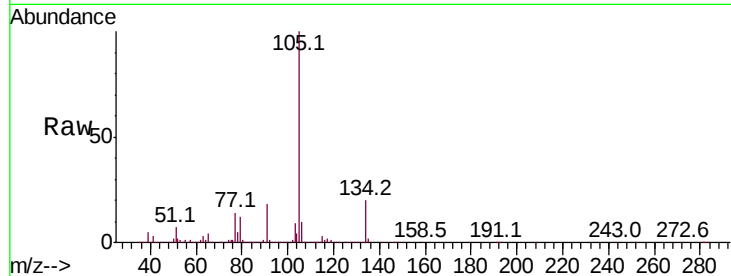
Tgt Ion: 91 Resp: 292922
Ion Ratio Lower Upper
91 100
126 20.0 0.0 0.0#
128 7.1 5.3 7.9





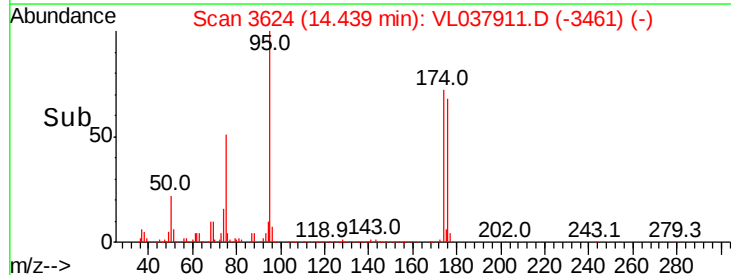
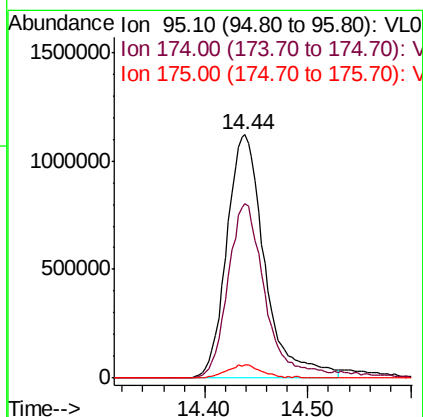
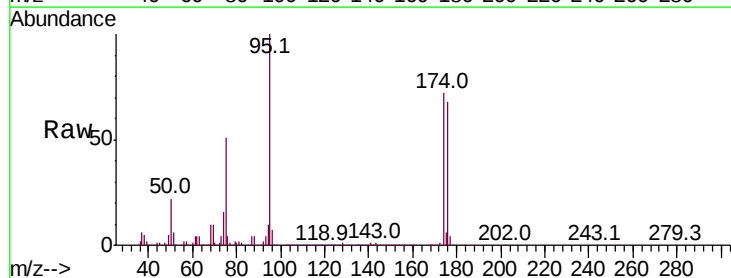
#67
 sec-Butylbenzene
 Concen: 8.298 ppbv
 RT: 17.32
 Delta R.T. MSVOA_1
 Lab File: ClientSampleId : VL1027ABS01
 Acq: 27 Oct 2021 11:15

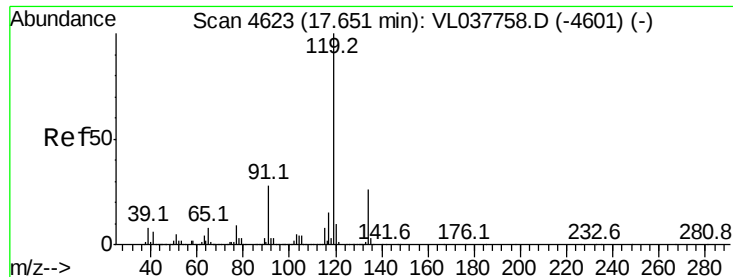
Tot Ion: 105 Resp: 7620296
 Ion Ratio Lower Upper
 105 100
 134 19.3 15.4 23.0



#68
 1-Bromo-4-Fluorobenzene
 Concen: 8.300 ppbv
 RT: 14.44 min Scan# 3624
 Delta R.T. 0.02 min
 Lab File: VL037911.D
 Acq: 27 Oct 2021 11:15

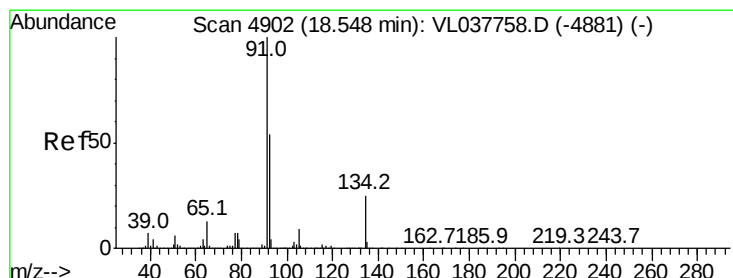
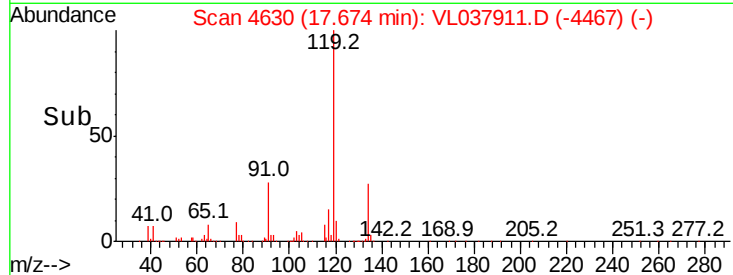
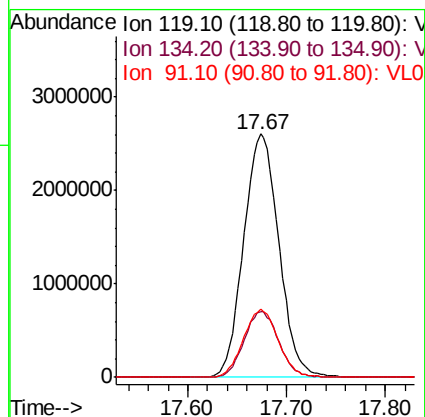
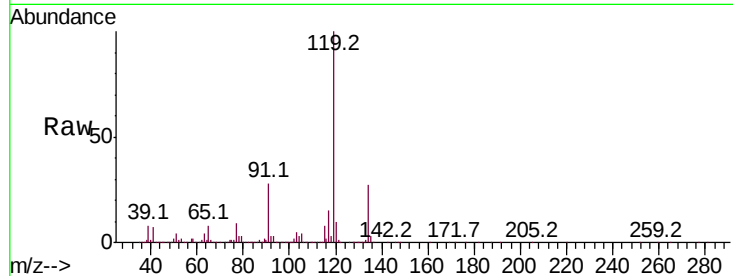
Tgt Ion: 95 Resp: 2874659
 Ion Ratio Lower Upper
 95 100
 174 73.2 57.8 86.6
 175 5.4 4.7 7.1





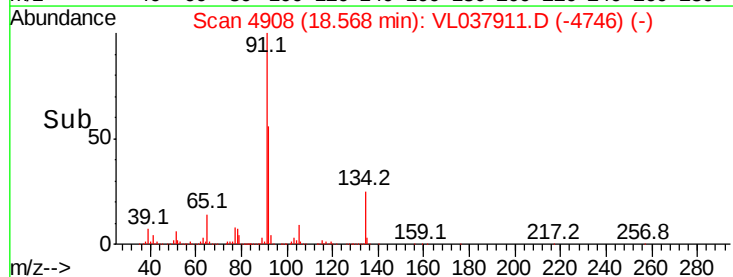
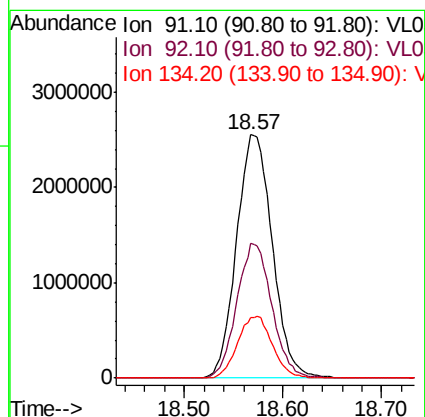
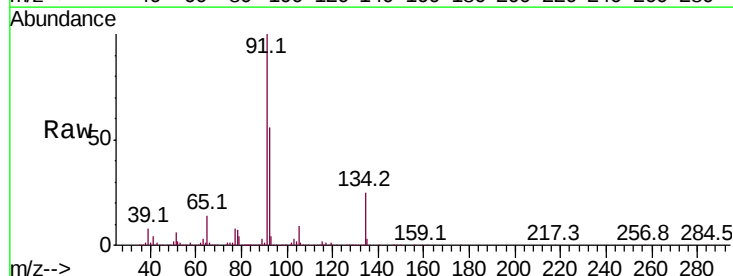
#69
 p-Isopropyltoluene
 Concen: 8.669 ppbv
 RT: 17.67 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId : VL1027ABS01
 Acq: 27 Oct 2021 11:15

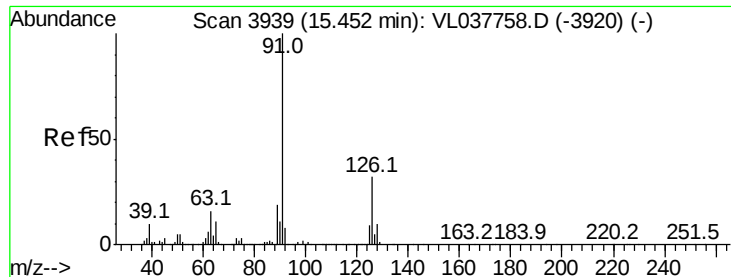
Tot Ion:	119	Resp:	6436423
Ion	Ratio	Lower	Upper
119	100		
134	26.7	21.2	31.8
91	27.5	22.2	33.4



#70
 n-Butylbenzene
 Concen: 9.109 ppbv
 RT: 18.57 min Scan# 4908
 Delta R.T. 0.02 min
 Lab File: VL037911.D
 Acq: 27 Oct 2021 11:15

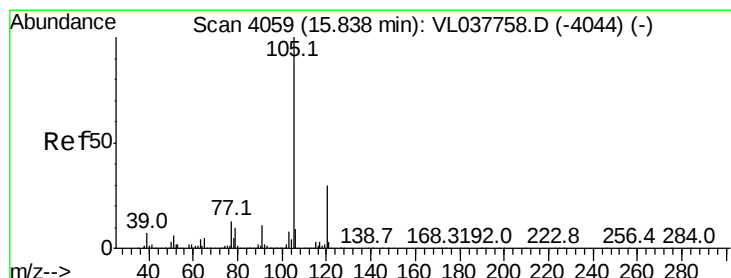
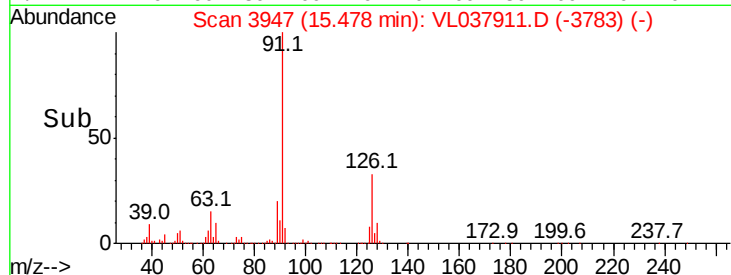
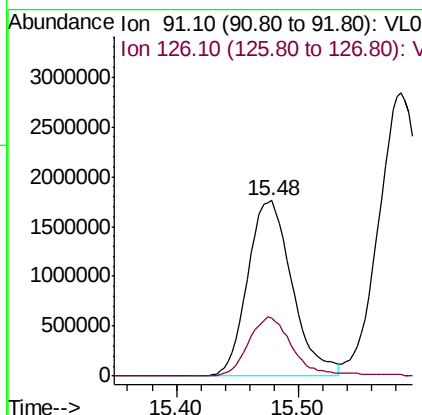
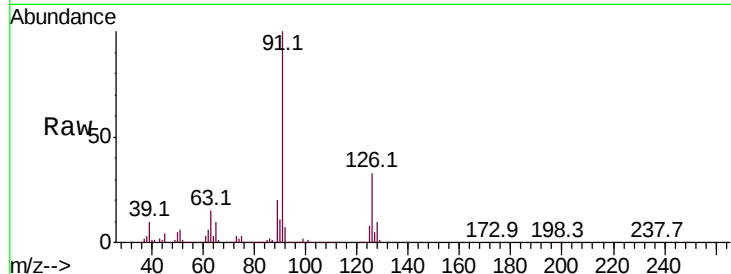
Tgt Ion:	91	Resp:	6425014
Ion	Ratio	Lower	Upper
91	100		
92	54.5	43.4	65.0
134	24.8	19.8	29.6





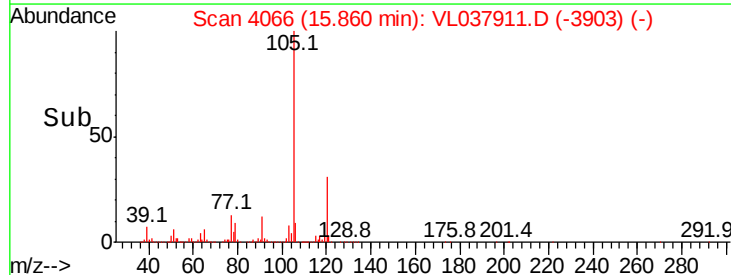
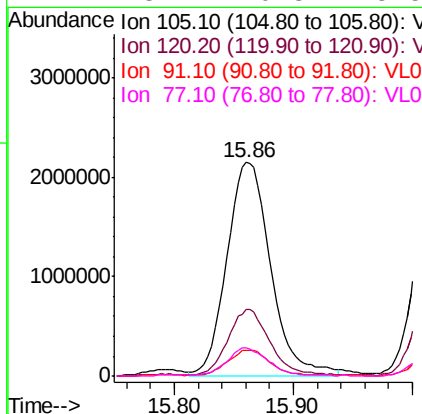
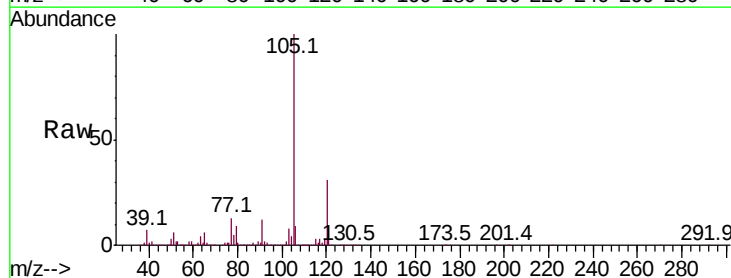
#71
 2-Chlorotoluene
 Concen: 8.245 ppbv
 RT: 15.48
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId : VL1027ABS01
 Acq: 27 Oct 2021 11:15

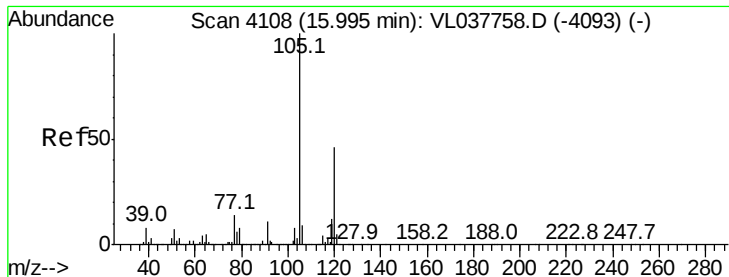
Tot Ion: 91 Resp: 4442804
 Ion Ratio Lower Upper
 91 100
 126 34.3 13.6 54.6



#72
 4-Ethyltoluene
 Concen: 8.834 ppbv
 RT: 15.86 min Scan# 4066
 Delta R.T. 0.02 min
 Lab File: VL037911.D
 Acq: 27 Oct 2021 11:15

Tgt Ion: 105 Resp: 5487307
 Ion Ratio Lower Upper
 105 100
 120 30.2 24.2 36.2
 91 11.9 10.4 15.6
 77 13.2 10.3 15.5





#73

1,3,5-Trimethylbenzene

Concen: 8.699 ppbv

RT: 16.02

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

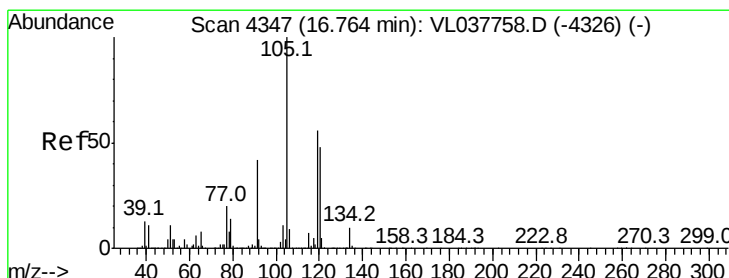
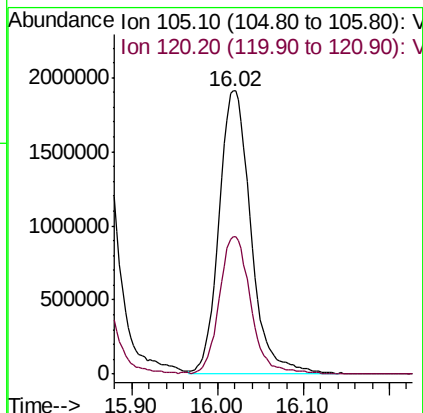
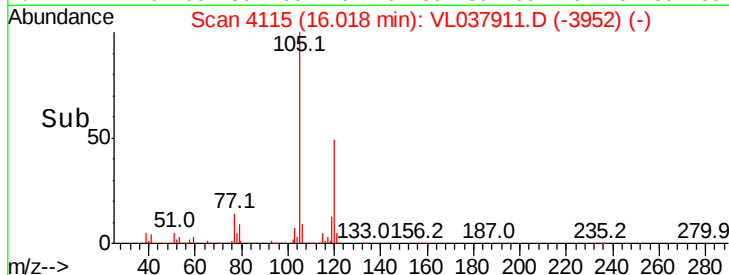
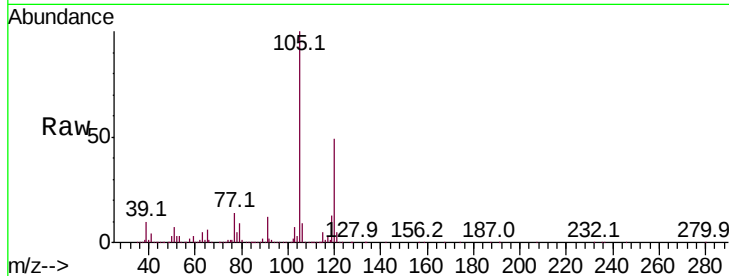
Acq: 27 Oct 2021 11:15

Tot Ion:105 Resp: 4908548

Ion Ratio Lower Upper

105 100

120 48.7 36.6 54.8



#74

1,2,4-Trimethylbenzene

Concen: 8.520 ppbv

RT: 16.79 min Scan# 4354

Delta R.T. 0.02 min

Lab File: VL037911.D

Acq: 27 Oct 2021 11:15

Tgt Ion:105 Resp: 5048422

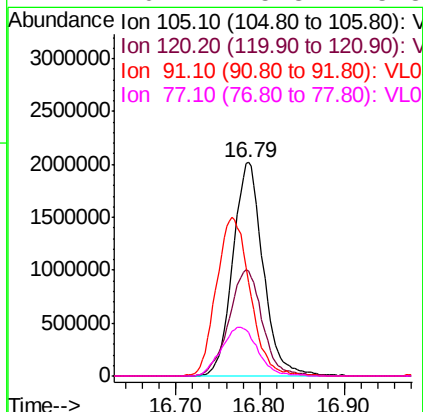
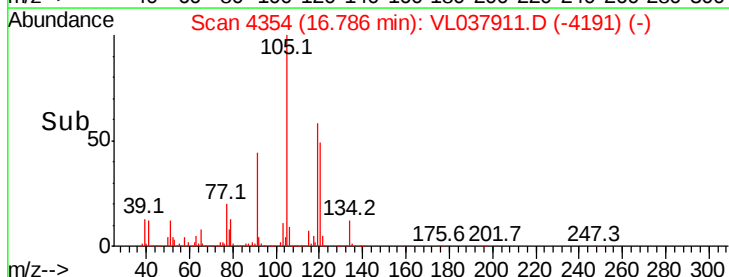
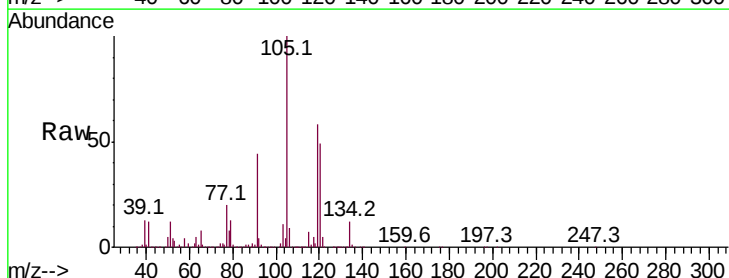
Ion Ratio Lower Upper

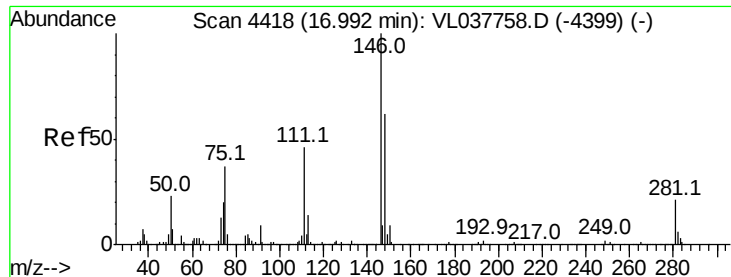
105 100

120 49.0 38.4 57.6

91 43.7 34.2 51.2

77 20.1 15.8 23.8





#75

1,3-Dichlorobenzene

Concen: 8.560 ppbv

RT: 17.02

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

Acq: 27 Oct 2021 11:15

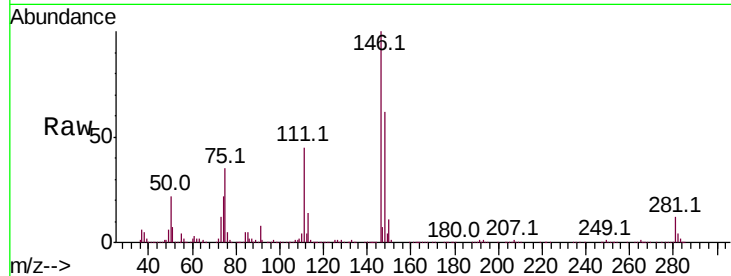
Tot Ion:146 Resp: 3142436

Ion Ratio Lower Upper

146 100

111 45.5 22.8 68.4

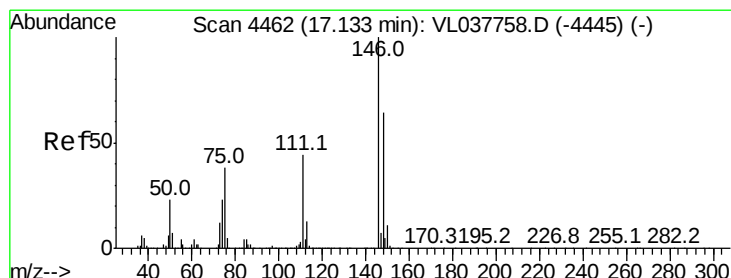
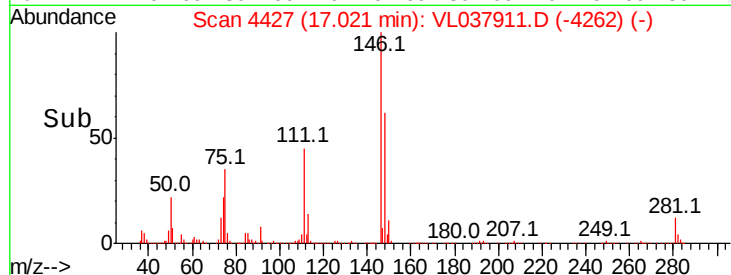
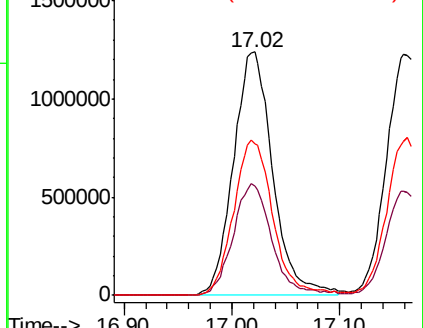
148 64.1 32.8 98.3



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.10 (110.80 to 111.80): V

Ion 148.00 (147.70 to 148.70): V



#76

1,4-Dichlorobenzene

Concen: 8.758 ppbv

RT: 17.16 min Scan# 4470

Delta R.T. 0.03 min

Lab File: VL037911.D

Acq: 27 Oct 2021 11:15

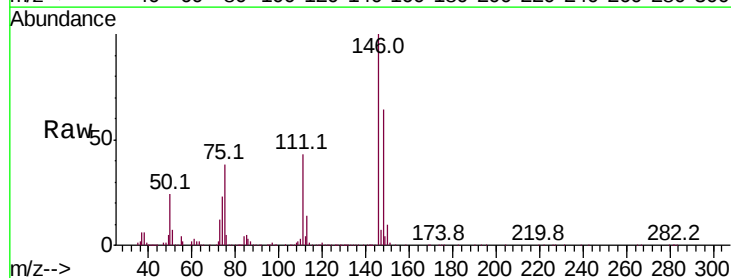
Tgt Ion:146 Resp: 3066802

Ion Ratio Lower Upper

146 100

111 44.0 22.4 67.3

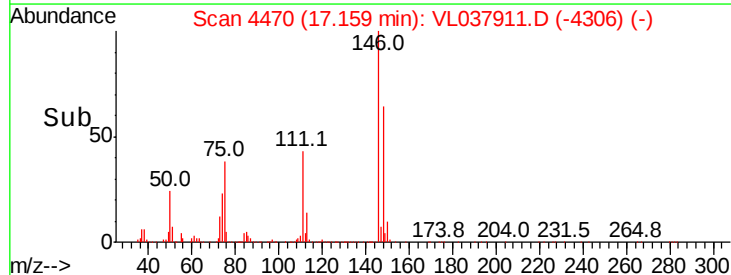
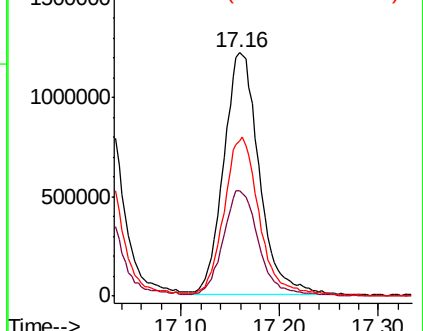
148 65.8 33.3 99.9

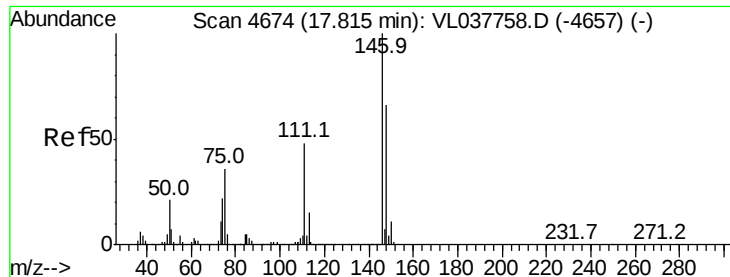


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.10 (110.80 to 111.80): V

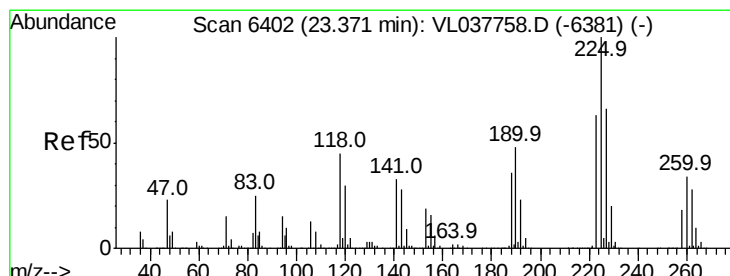
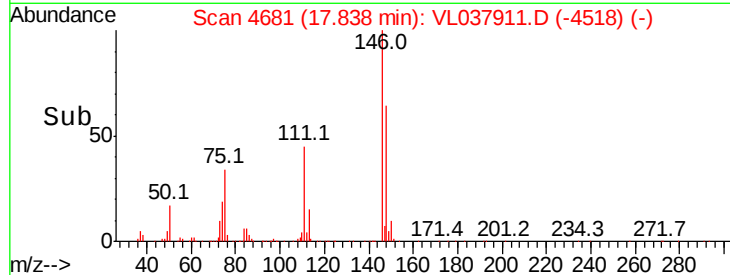
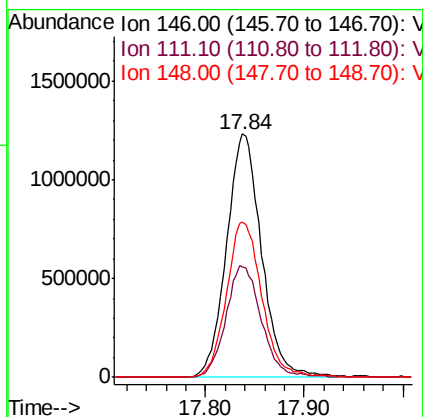
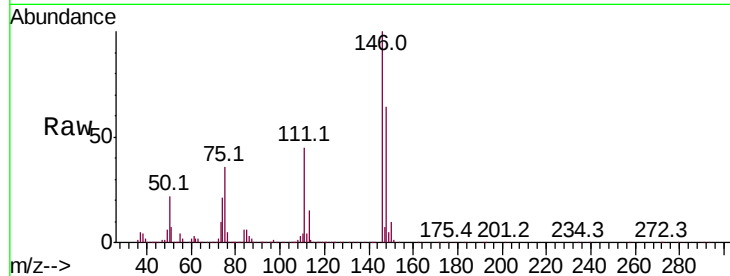
Ion 148.00 (147.70 to 148.70): V





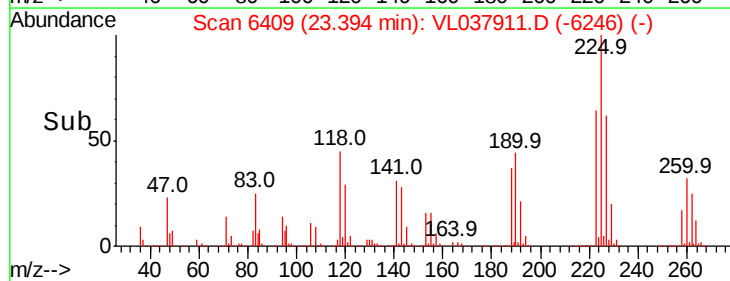
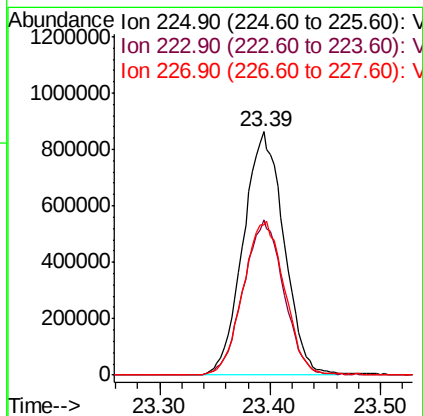
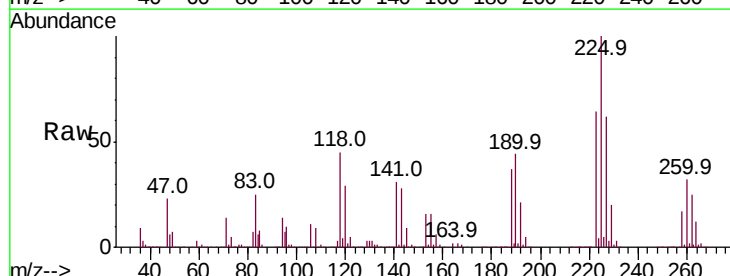
#77
 1,2-Dichlorobenzene
 Concen: 8.552 ppbv
 RT: 17.84 min
 Delta R.T. MSVOA_1
 Lab File: ClientSampleId : VL1027ABS01
 Acq: 27 Oct 2021 11:15

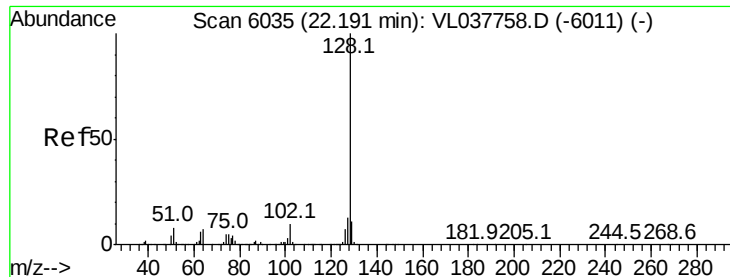
Tot Ion:146 Resp: 3015927
 Ion Ratio Lower Upper
 146 100
 111 47.0 23.6 70.8
 148 65.3 32.9 98.6



#78
 Hexachloro-1,3-Butadiene
 Concen: 7.679 ppbv
 RT: 23.39 min Scan# 6409
 Delta R.T. 0.02 min
 Lab File: VL037911.D
 Acq: 27 Oct 2021 11:15

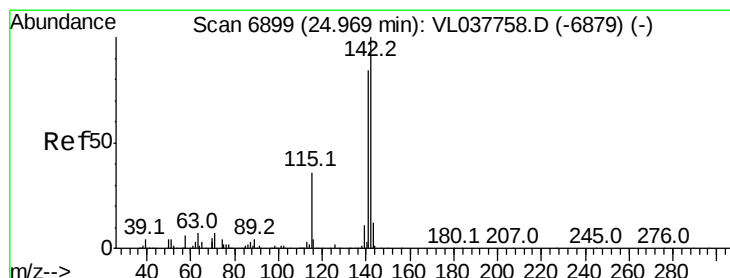
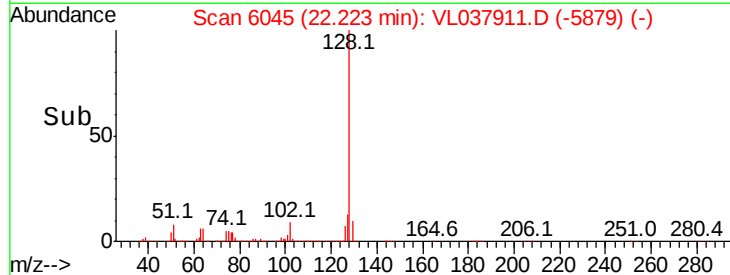
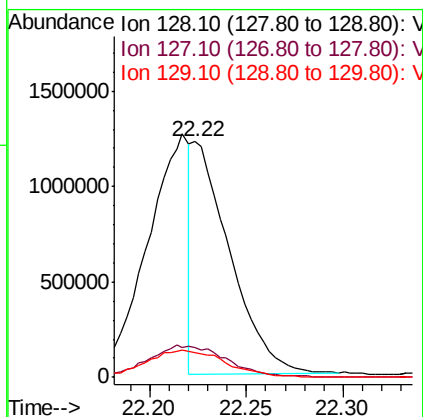
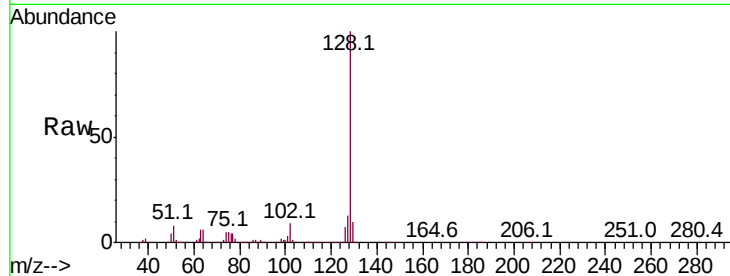
Tgt Ion:225 Resp: 2210935
 Ion Ratio Lower Upper
 225 100
 223 63.5 51.2 76.8
 227 64.7 51.1 76.7





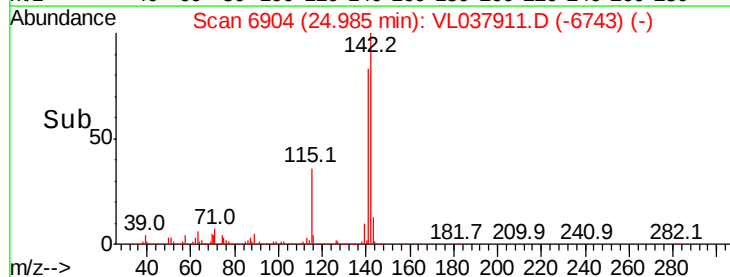
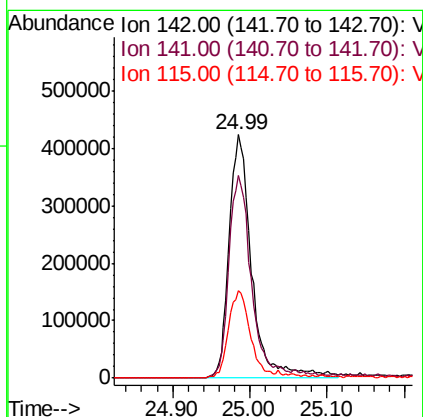
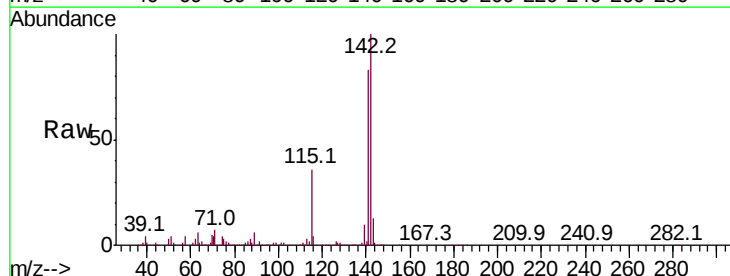
#79
Naphthalene
Concen: 4.500 ppbv
RT: 22.22
Delta R.T. MSVOA_L
Lab File: ClientSampleId : VL1027ABS01
Acq: 27 Oct 2021 11:15

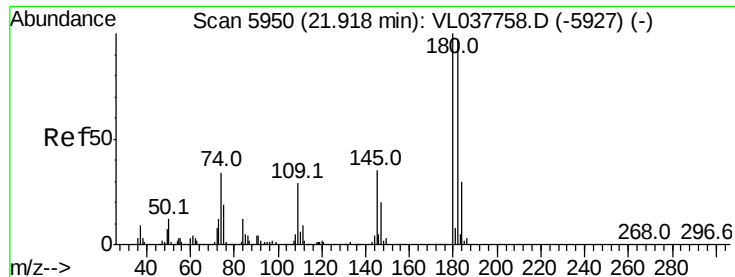
Tot Ion:	128	Resp:	1633025
Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.1	15.1
129	10.5	9.1	13.7



#80
Naphthalene, 2-methyl-
Concen: 8.788 ppbv
RT: 24.99 min Scan# 6904
Delta R.T. 0.02 min
Lab File: VL037911.D
Acq: 27 Oct 2021 11:15

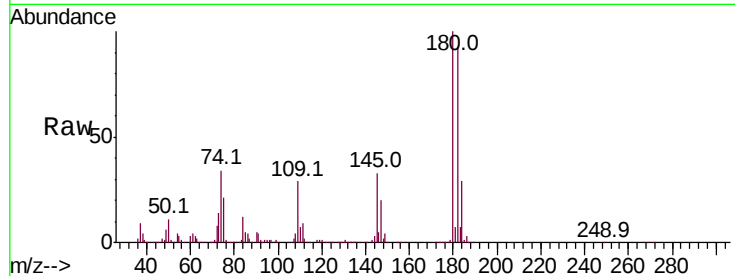
Tgt Ion:	142	Resp:	856315
Ion	Ratio	Lower	Upper
142	100		
141	85.2	68.6	102.8
115	36.4	29.0	43.6





#81
 1,2,4-Trichlorobenzene
 Concen: 9.483 ppbv
 RT: 21.95
 Delta R.T: MSVOA_L
 Lab File: ClientSampleId :
 VL1027ABS01
 Acq: 27 Oct 2021 11:13

Tot Ion:180 Resp: 2200791
 Ion Ratio Lower Upper
 180 100
 182 98.0 77.6 116.4
 184 31.0 25.0 37.4



Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 184.00 (183.70 to 184.70): V

