

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL102521\
 Data File : VL037889.D
 Acq On : 25 Oct 2021 10:37
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 BFB

Quant Time: Oct 25 23:49:27 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	5.67	49	1540639	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	4616283	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.09	117	5063489	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.41	95	2859644	8.08	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	80.80%

Target Compounds

	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	3.05	85	1702749	6.919	ppbv	100
3) Chlorodifluoromethane	3.00	51	2641194	8.922	ppbv	99
4) Chloromethane	3.15	50	1023830	9.443	ppbv	100
5) Vinyl Chloride	3.26	62	1014727	10.209	ppbv	95
6) Bromomethane	3.48	94	490858	9.130	ppbv	95
7) Chloroethane	3.56	64	354094	9.689	ppbv	99
8) Dichlorotetrafluoroethane	3.20	85	2272456	9.343	ppbv	98
9) Propene	3.01	41	969480	8.901	ppbv	99
10) Heptane	8.13	43	2441640	9.870	ppbv	100
11) Trichlorofluoromethane	3.96	101	2075676	9.454	ppbv	98
12) 1,1,2-Trichlorotrifluoroet	4.49	101	1570407	9.440	ppbv	100
13) Ethanol	3.61	45	36027	4.045	ppbv #	1
14) Bromoethene	3.74	108	711264	9.724	ppbv	96
15) Acetone	3.85	43	1492751	10.793	ppbv	100
16) 1,3-Butadiene	3.33	39	934167	9.283	ppbv	96
17) tert-Butyl alcohol	4.29	59	1455439	10.218	ppbv	99
18) 1,1-Dichloroethene	4.30	96	702467	9.292	ppbv	99
19) Isopropyl Alcohol	3.97	45	868841	10.098	ppbv #	95
20) Methylene Chloride	4.35	84	599332	8.577	ppbv	99
21) Allyl Chloride	4.42	41	1140155	9.306	ppbv	98
22) trans-1,2-Dichloroethene	4.89	96	735459	9.676	ppbv	99
23) Vinyl Acetate	5.08	43	2054121	9.911	ppbv	99
24) 1,1-Dichloroethane	5.01	63	1438419	9.534	ppbv	98
25) Ethyl Acetate	5.68	43	3773411	9.723	ppbv	99
26) Hexane	5.69	57	1757418	9.196	ppbv	97
27) Carbon Disulfide	4.56	76	1845047	10.894	ppbv	98
28) Methyl tert-Butyl Ether	5.04	73	1491756	9.376	ppbv	100
29) Chloroform	5.75	83	2536877	9.287	ppbv	97
30) Cyclohexane	7.13	84	1499088	9.251	ppbv	98
31) cis-1,2-Dichloroethene	5.56	61	1638941	9.447	ppbv	99
32) 1,1,1-Trichloroethane	6.52	97	2439156	9.418	ppbv	99
34) 2-Butanone	5.25	43	1703550	9.141	ppbv	99
35) Carbon Tetrachloride	7.02	117	2507206	9.563	ppbv	99
36) Benzene	6.90	78	3685653	9.348	ppbv	99
37) 1,2-Dichloroethane	6.31	62	1745597	9.402	ppbv	99
38) Trichloroethene	7.84	130	1486881	9.545	ppbv	96
39) 1,2-Dichloropropane	7.62	63	1436218	9.684	ppbv	96
40) 1,4-Dioxane	7.84	88	264116	7.117	ppbv #	100
41) Tetrahydrofuran	6.06	42	830643	9.102	ppbv	97
42) Bromodichloromethane	7.80	83	2657531	9.745	ppbv	97
43) Methyl Methacrylate	8.02	69	1325568	10.293	ppbv	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,2,4-Trimethylpentane	7.87	57	6136407	9.263	ppbv	99
45) t-1,3-Dichloropropene	9.28	75	906627	10.231	ppbv	100
46) cis-1,3-Dichloropropene	8.71	75	1261456	10.270	ppbv	99
47) 1,1,2-Trichloroethane	9.48	97	1511639	9.376	ppbv	98
48) Dibromochloromethane	10.31	129	2387757	10.389	ppbv	99
49) Bromoform	13.04	173	1922690	10.933	ppbv	97
50) 4-Methyl-2-Pentanone	8.75	43	2434197	10.034	ppbv	100
51) 2-Hexanone	10.14	43	1154662	10.661	ppbv #	98
52) Tetrachloroethene	11.23	164	1356045	8.840	ppbv	98
53) Toluene	9.81	91	4278939	9.792	ppbv	99
54) 1,2-Dibromoethane	10.61	107	2086927	9.583	ppbv	96
56) 1,1,1,2-Tetrachloroethane	12.13	131	1619533	7.726	ppbv	98
57) Chlorobenzene	12.15	112	3160142	7.608	ppbv	97
58) Ethyl Benzene	12.71	91	5490042	8.075	ppbv	98
59) m/p-Xylene	13.00	91	4807835	8.238	ppbv #	32
60) o-Xylene	13.69	91	4322591	7.728	ppbv	99
61) Styrene	13.53	104	2385630	8.818	ppbv	99
62) Isopropylbenzene	14.67	105	5950103	7.627	ppbv	98
63) 1,1,2,2-Tetrachloroethane	13.68	83	3160816	7.323	ppbv	99
64) n-propylbenzene	15.56	120	1612946	8.291	ppbv	97
65) tert-Butylbenzene	16.74	119	5345205	7.786	ppbv	99
66) Benzyl Chloride	16.99	91	288356	8.511	ppbv #	99
67) sec-Butylbenzene	17.29	105	7499168	7.987	ppbv	100
69) p-Isopropyltoluene	17.65	119	6310638	8.313	ppbv	100
70) n-Butylbenzene	18.55	91	6389396	8.860	ppbv	99
71) 2-Chlorotoluene	15.45	91	4381979	7.954	ppbv	99
72) 4-Ethyltoluene	15.84	105	5234115	8.241	ppbv	98
73) 1,3,5-Trimethylbenzene	16.00	105	4722284	8.186	ppbv	98
74) 1,2,4-Trimethylbenzene	16.76	105	4960143	8.188	ppbv	93
75) 1,3-Dichlorobenzene	17.00	146	3051980	8.132	ppbv	99
76) 1,4-Dichlorobenzene	17.14	146	2991128	8.354	ppbv	98
77) 1,2-Dichlorobenzene	17.82	146	2958729	8.206	ppbv	98
78) Hexachloro-1,3-Butadiene	23.37	225	2210326	7.508	ppbv	99
79) Naphthalene	22.19	128	3737924	10.075	ppbv	97
80) Naphthalene, 2-methyl-	24.97	142	967726	9.714	ppbv	97
81) 1,2,4-Trichlorobenzene	21.92	180	2248436	9.475	ppbv	100

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

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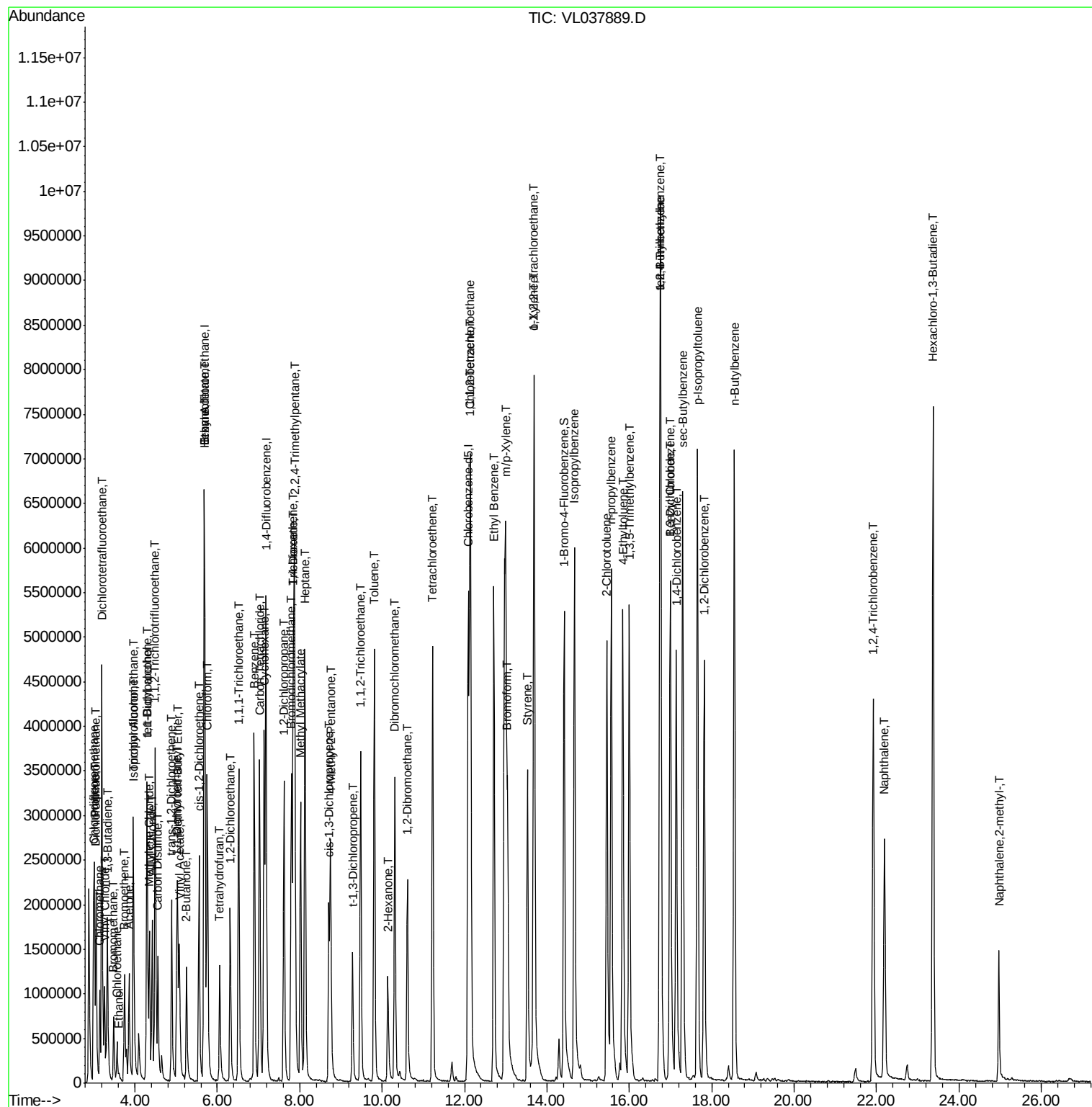
Quant Time: Oct 25 23:49:27 2021

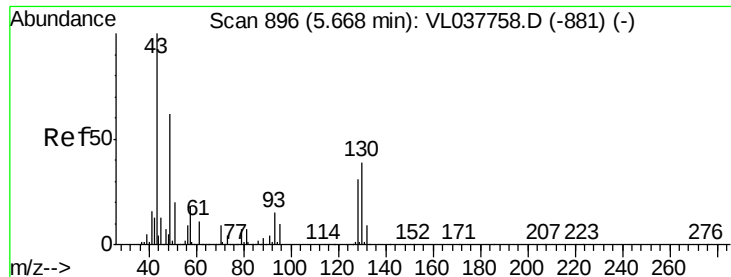
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_L\METHODS\VL100421AIR.M

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QLast Update : Mon Oct 04 17:43:54 2021

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.67 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: BFB

Acq: 25 Oct 2021 10:37

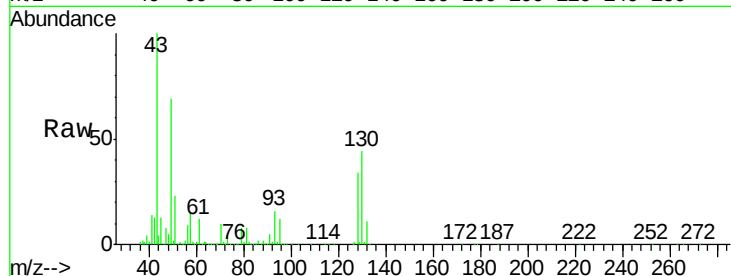
Tgt Ion: 49 Resp: 1540639

Ion Ratio Lower Upper

49 100

128 55.7 27.1 81.3

130 68.8 33.2 99.6



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

5.67

800000

600000

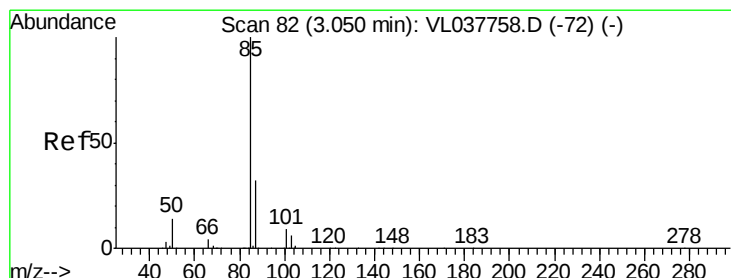
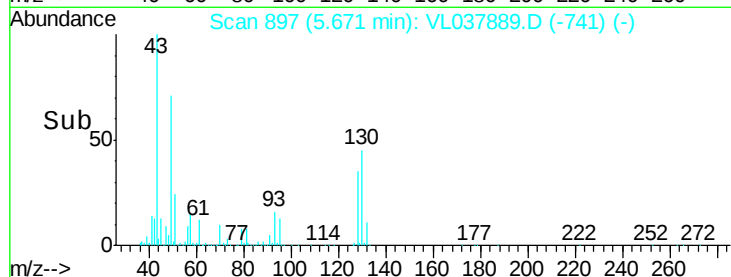
400000

200000

0

5.60 5.65 5.70 5.75

Time-->



#2

Dichlorodifluoromethane

Concen: 6.919 ppbv

RT: 3.05 min Scan# 83

Delta R.T. 0.00 min

Lab File: VL037889.D

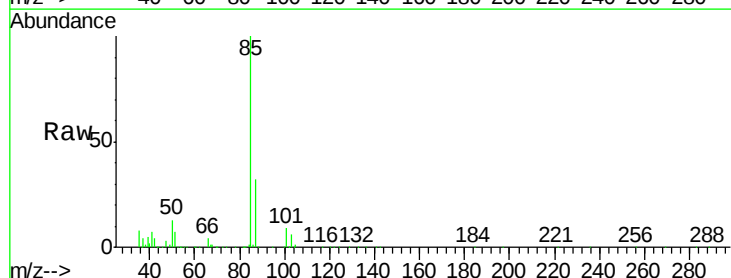
Acq: 25 Oct 2021 10:37

Tgt Ion: 85 Resp: 1702749

Ion Ratio Lower Upper

85 100

87 32.1 25.7 38.5



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0

3.05

1200000

1000000

800000

600000

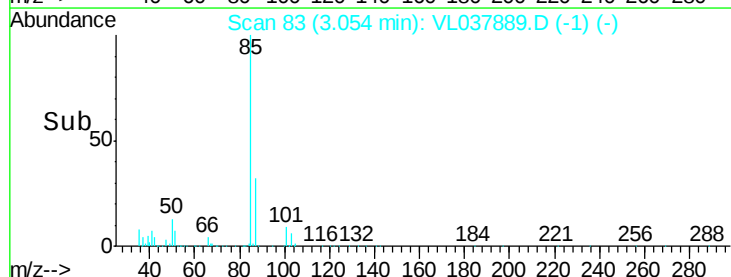
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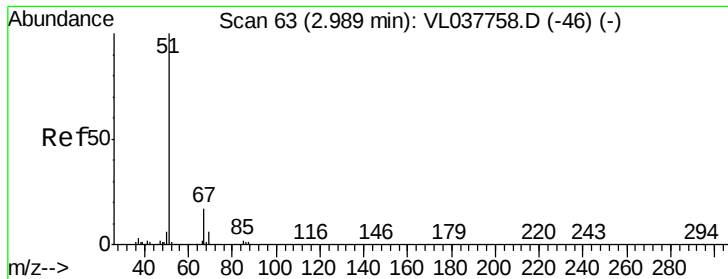
200000

0

3.00 3.05 3.10 3.15

Time-->





#3

Chlorodifluoromethane

Concen: 8.922 ppbv

RT: 3.00 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: BFB

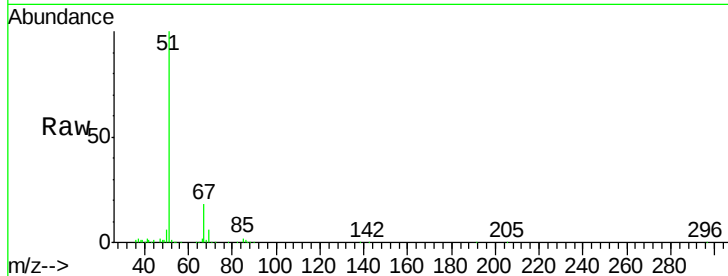
Acq: 25 Oct 2021 10:37

Tgt Ion: 51 Resp: 2641194

Ion Ratio Lower Upper

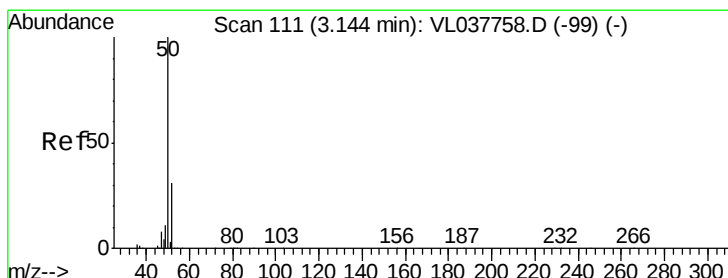
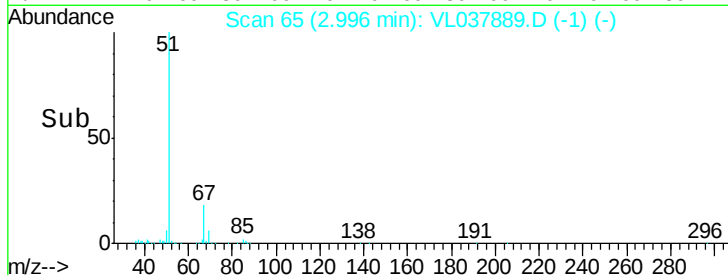
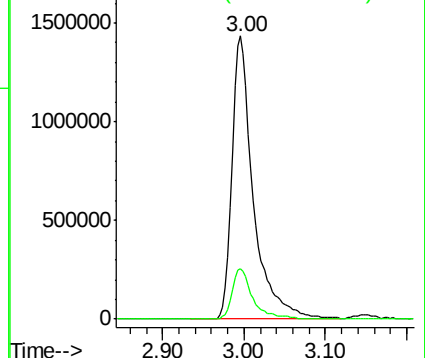
51 100

67 17.5 13.5 20.3



Abundance Ion 51.00 (50.70 to 51.70): VL0

Ion 67.00 (66.70 to 67.70): VL0



#4

Chloromethane

Concen: 9.443 ppbv

RT: 3.15 min Scan# 112

Delta R.T. 0.00 min

Lab File: VL037889.D

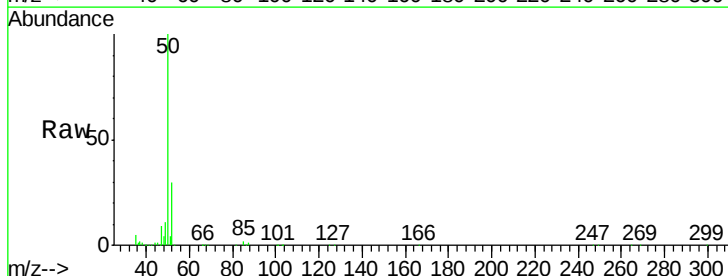
Acq: 25 Oct 2021 10:37

Tgt Ion: 50 Resp: 1023830

Ion Ratio Lower Upper

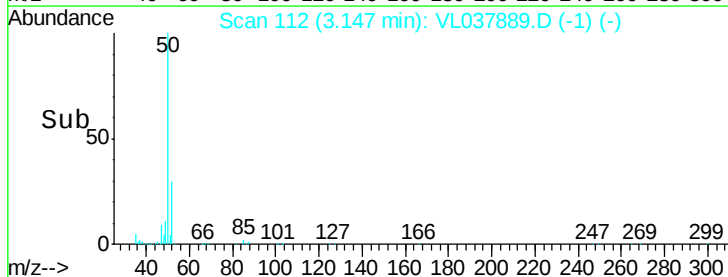
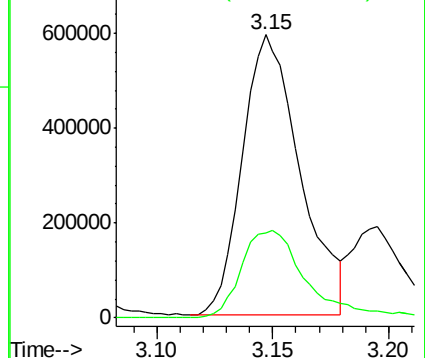
50 100

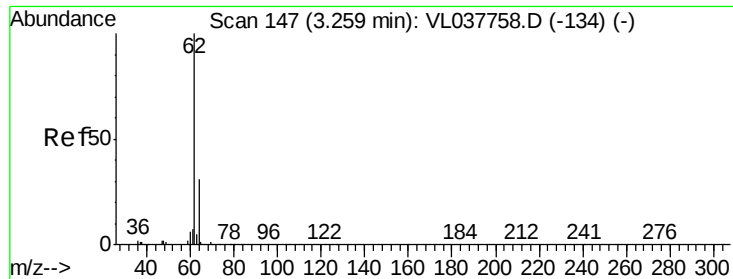
52 30.5 24.4 36.6



Abundance Ion 50.10 (49.80 to 50.80): VL0

Ion 52.10 (51.80 to 52.80): VL0





#5

Vinyl Chloride

Concen: 10.209 ppbv

RT: 3.26 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

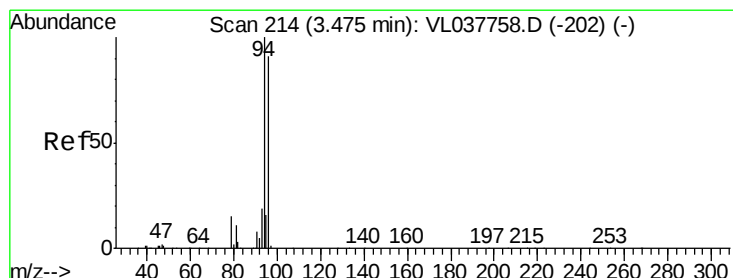
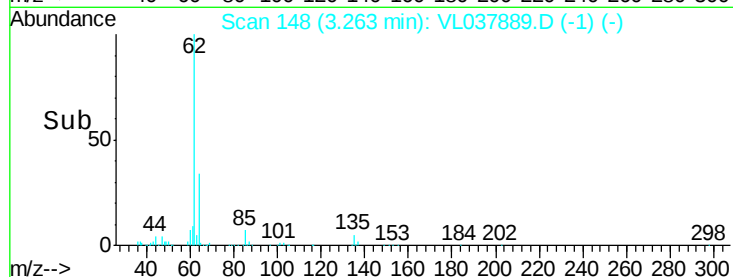
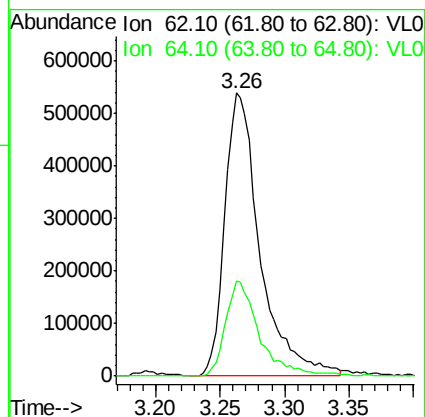
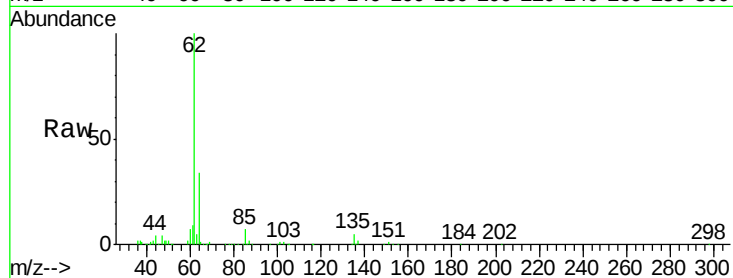
Acq: 25 Oct 2021 10:37

Tgt Ion: 62 Resp: 1014727

Ion Ratio Lower Upper

62 100

64 33.8 24.9 37.3



#6

Bromomethane

Concen: 9.130 ppbv

RT: 3.48 min Scan# 216

Delta R.T. 0.01 min

Lab File: VL037889.D

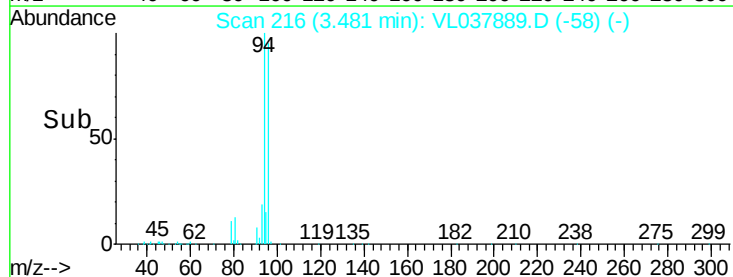
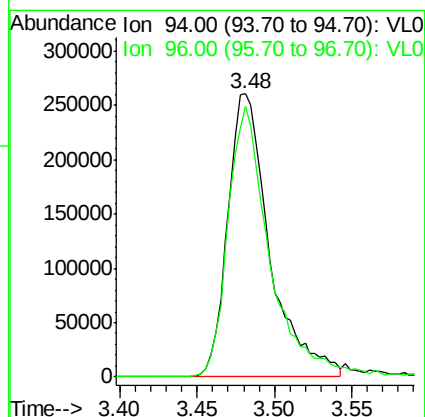
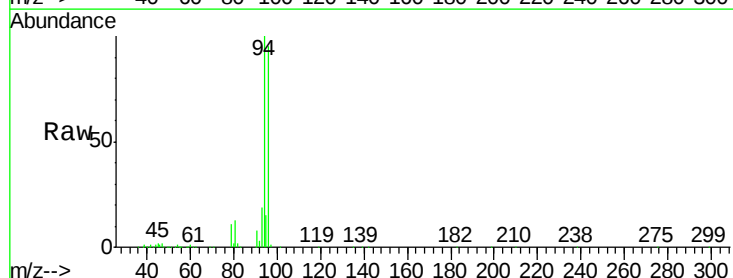
Acq: 25 Oct 2021 10:37

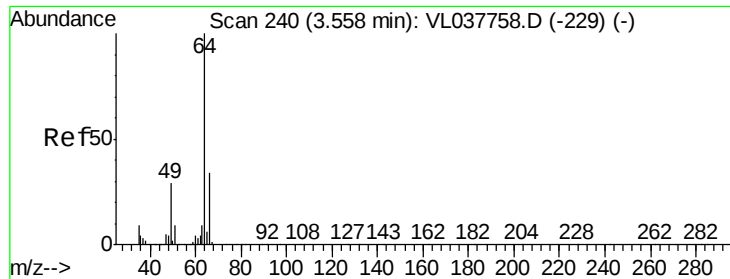
Tgt Ion: 94 Resp: 490858

Ion Ratio Lower Upper

94 100

96 95.2 72.5 108.7





#7

Chloroethane

Concen: 9.689 ppbv

RT: 3.56 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: BFB

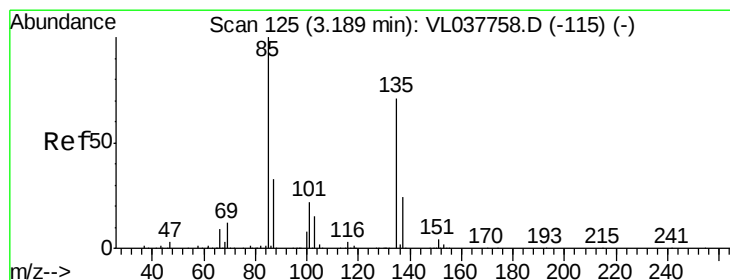
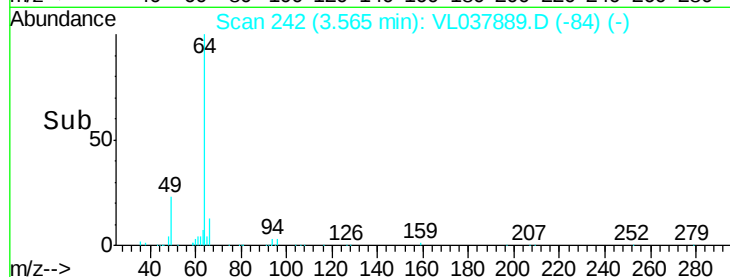
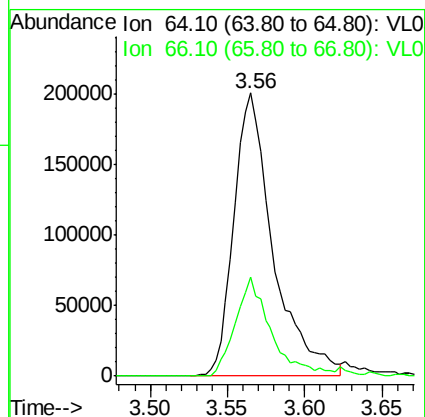
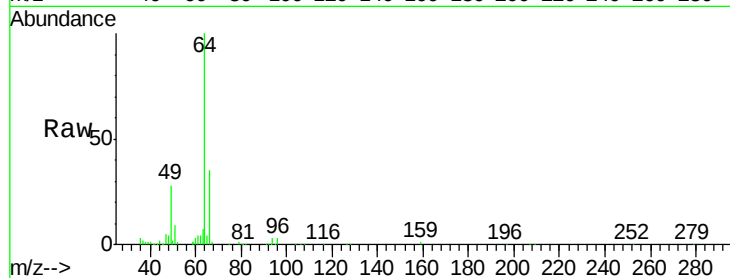
Acq: 25 Oct 2021 10:37

Tgt Ion: 64 Resp: 354094

Ion Ratio Lower Upper

64 100

66 34.9 27.5 41.3



#8

Dichlorotetrafluoroethane

Concen: 9.343 ppbv

RT: 3.20 min Scan# 127

Delta R.T. 0.01 min

Lab File: VL037889.D

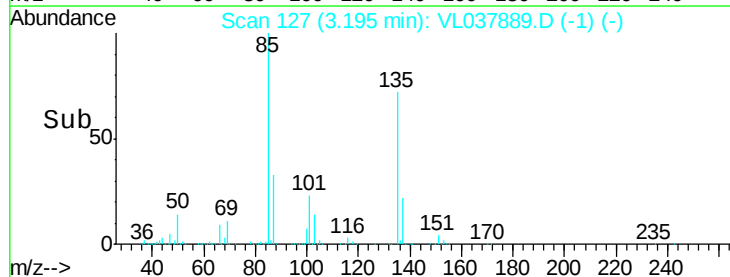
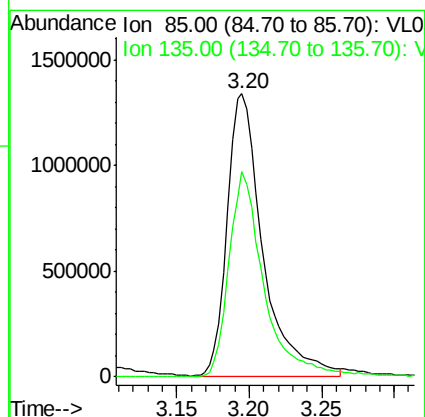
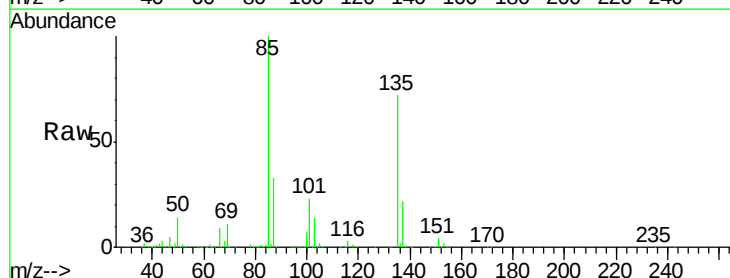
Acq: 25 Oct 2021 10:37

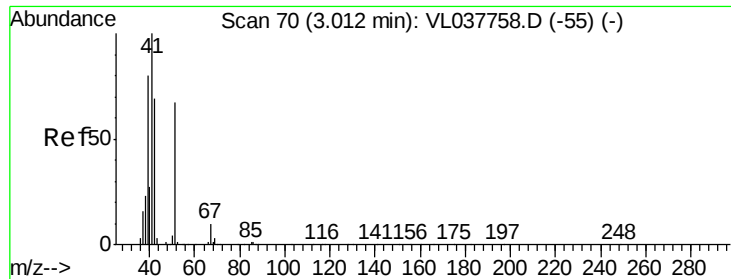
Tgt Ion: 85 Resp: 2272456

Ion Ratio Lower Upper

85 100

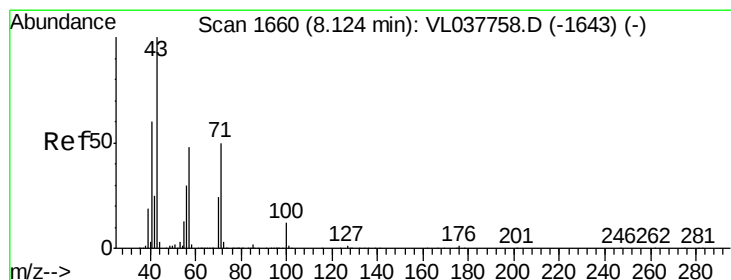
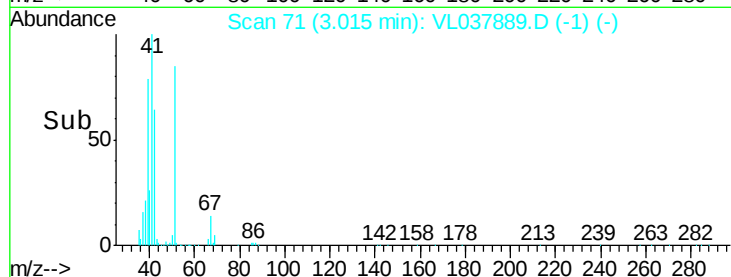
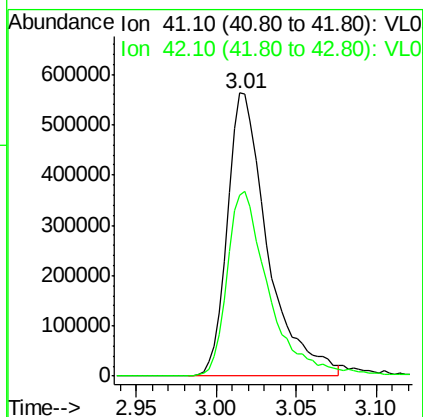
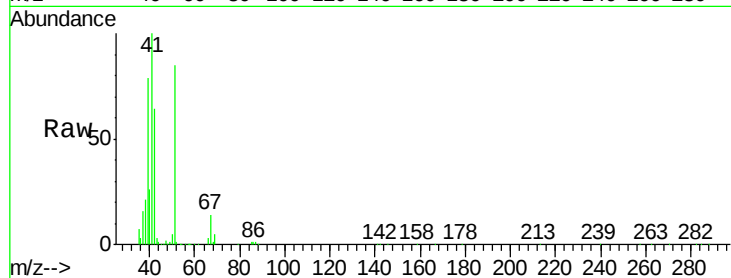
135 72.9 59.5 89.3





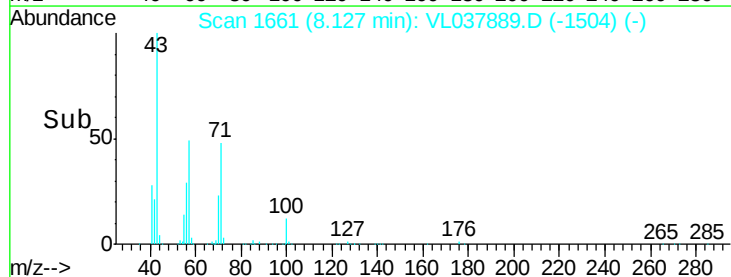
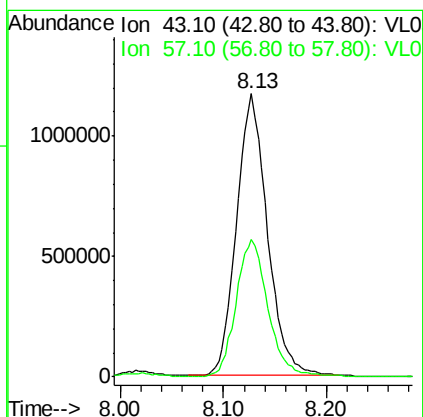
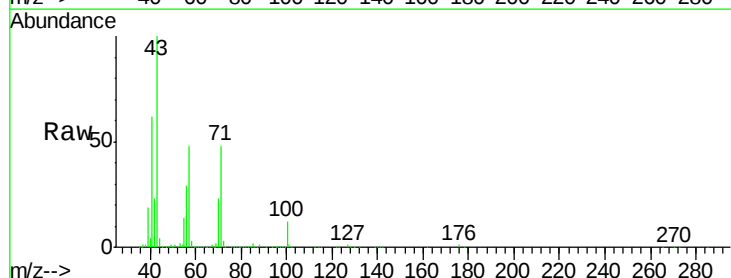
#9
 Propene
 Concen: 8.901 ppbv
 RT: 3.01
 Delta R.T. MSVOA_L
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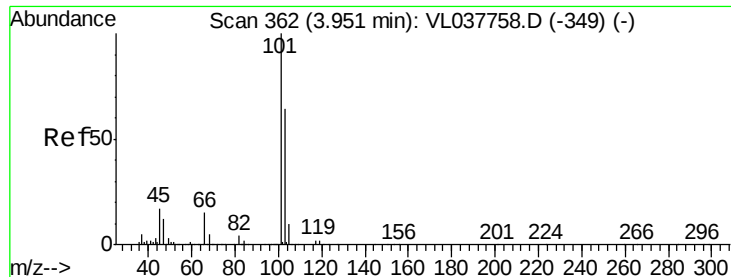
Tgt Ion: 41 Resp: 969480
 Ion Ratio Lower Upper
 41 100
 42 68.5 54.2 81.2



#10
 Heptane
 Concen: 9.870 ppbv
 RT: 8.13 min Scan# 1661
 Delta R.T. 0.00 min
 Lab File: VL037889.D
 Acq: 25 Oct 2021 10:37

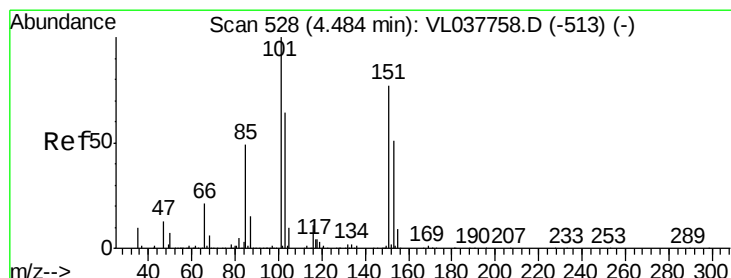
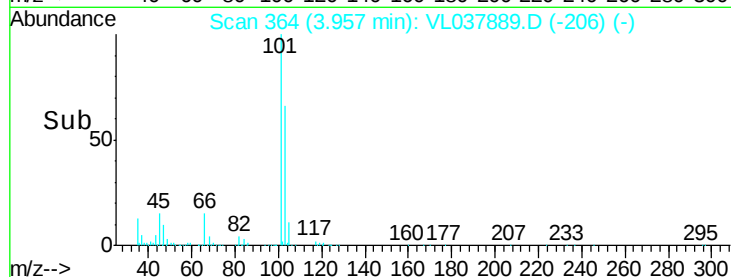
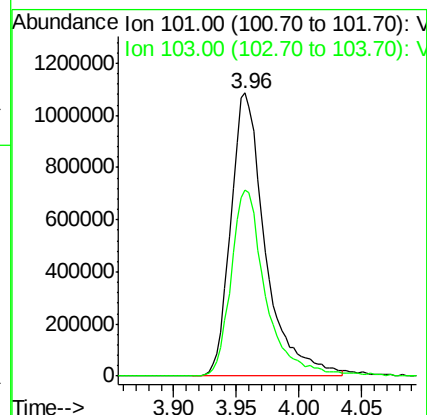
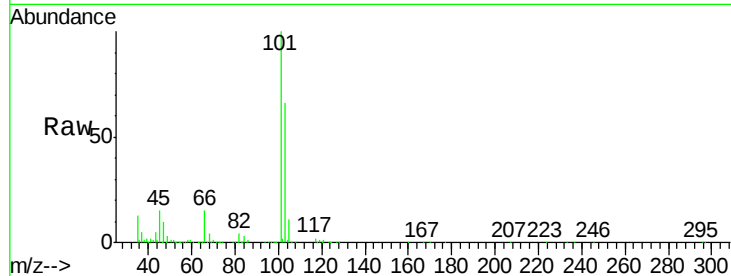
Tgt Ion: 43 Resp: 2441640
 Ion Ratio Lower Upper
 43 100
 57 50.3 40.0 60.0





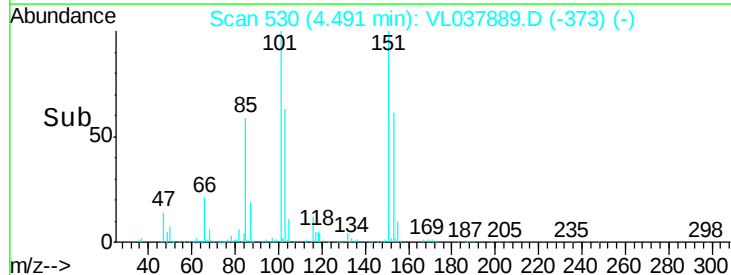
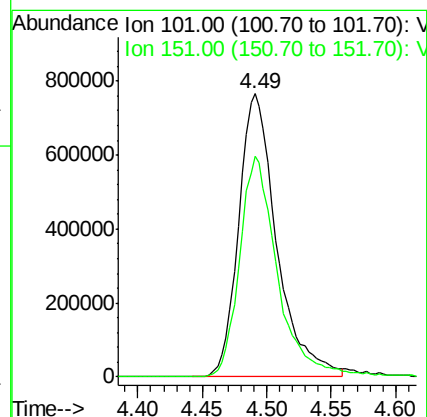
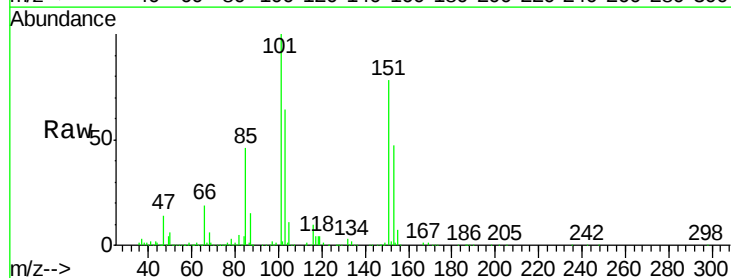
#11
 Trichlorofluoromethane
 Concen: 9.454 ppbv
 RT: 3.96
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 BFB
 Acq: 25 Oct 2021 10:37

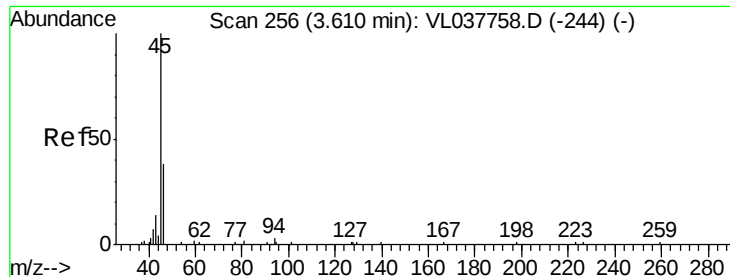
Tgt Ion:101 Resp: 2075676
 Ion Ratio Lower Upper
 101 100
 103 65.9 51.5 77.3



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 9.440 ppbv
 RT: 4.49 min Scan# 530
 Delta R.T. 0.01 min
 Lab File: VL037889.D
 Acq: 25 Oct 2021 10:37

Tgt Ion:101 Resp: 1570407
 Ion Ratio Lower Upper
 101 100
 151 78.3 62.9 94.3





#13

Ethanol

Concen: 4.045 ppbv

RT: 3.61 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

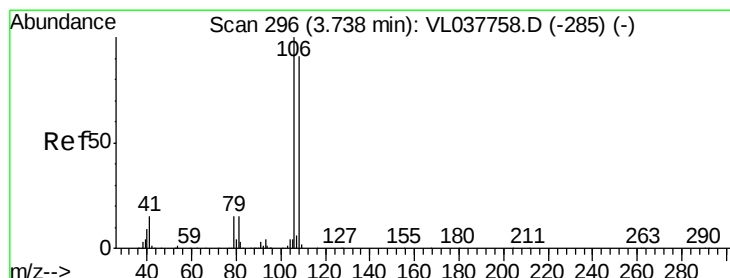
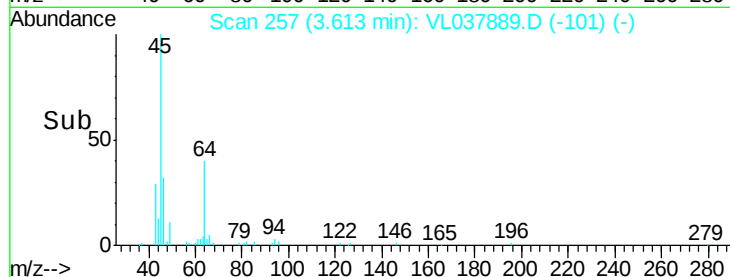
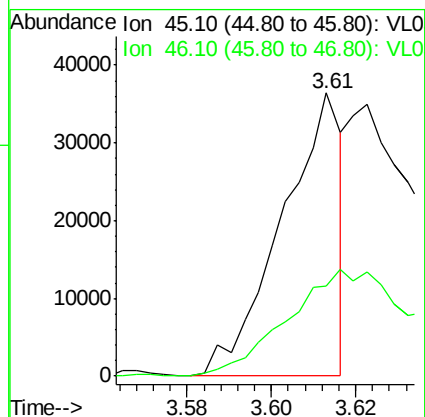
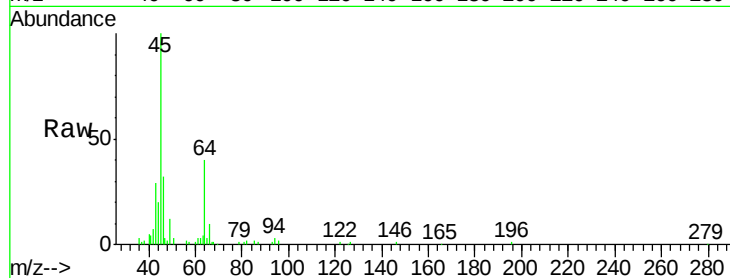
Acq: 25 Oct 2021 10:37 BFB

Tgt Ion: 45 Resp: 36027

Ion Ratio Lower Upper

45 100

46 120.6 20.2 81.0#



#14

Bromoethene

Concen: 9.724 ppbv

RT: 3.74 min Scan# 298

Delta R.T. 0.01 min

Lab File: VL037889.D

Acq: 25 Oct 2021 10:37

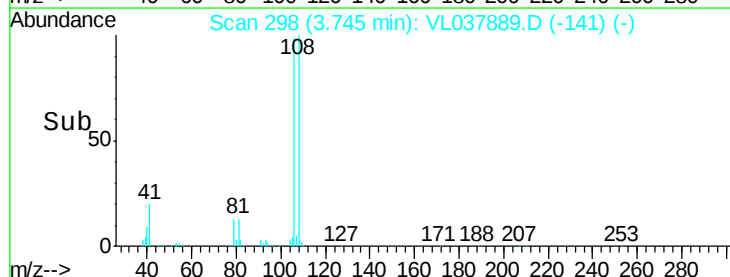
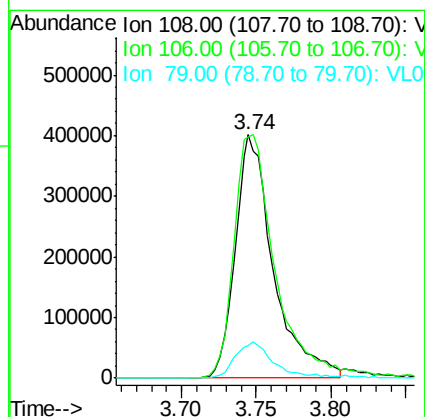
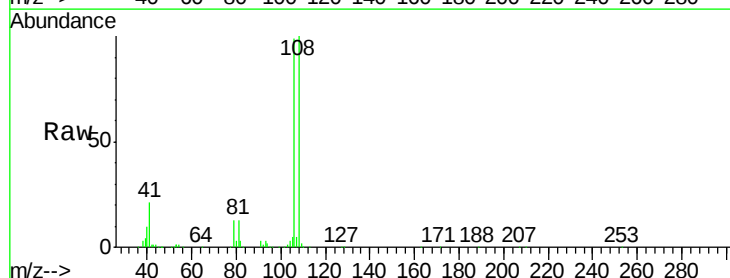
Tgt Ion: 108 Resp: 711264

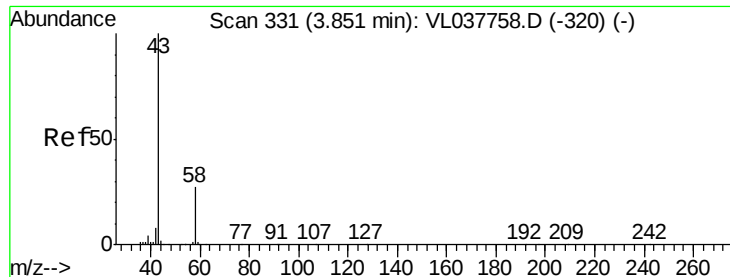
Ion Ratio Lower Upper

108 100

106 110.6 91.9 137.9

79 15.9 13.9 20.9





#15

Acetone

Concen: 10.793 ppbv

RT: 3.85 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

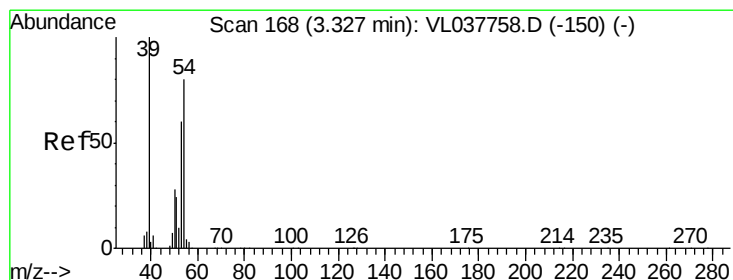
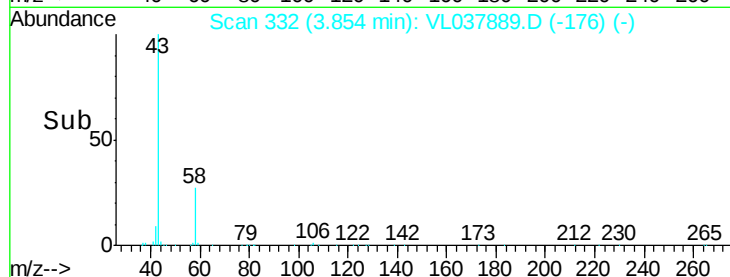
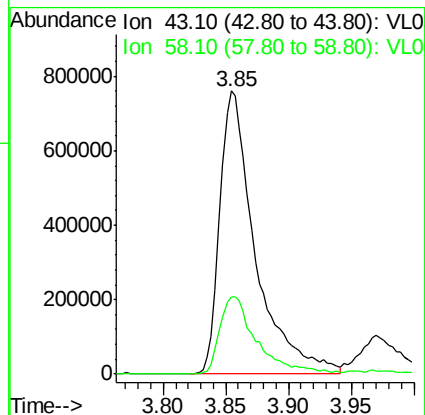
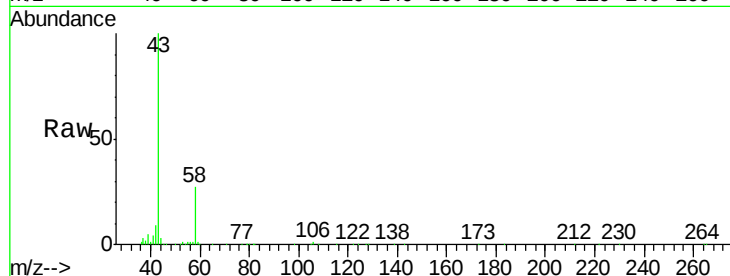
Acq: 25 Oct 2021 10:37 BFB

Tgt Ion: 43 Resp: 1492751

Ion Ratio Lower Upper

43 100

58 28.6 23.0 34.6



#16

1,3-Butadiene

Concen: 9.283 ppbv

RT: 3.33 min Scan# 170

Delta R.T. 0.01 min

Lab File: VL037889.D

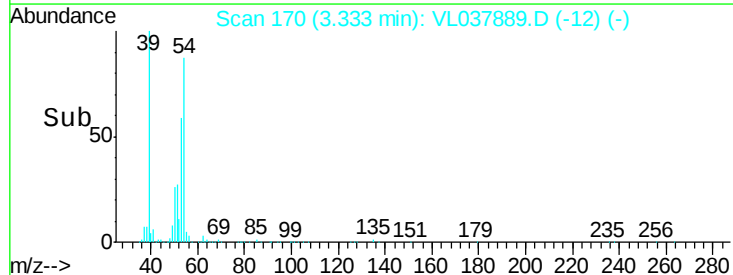
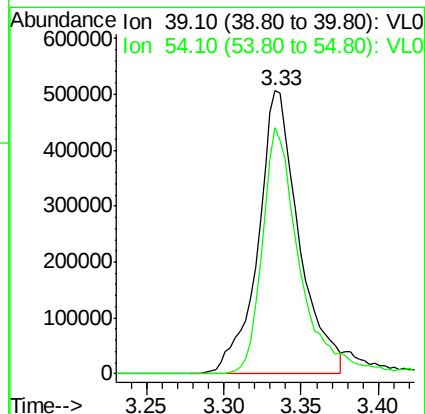
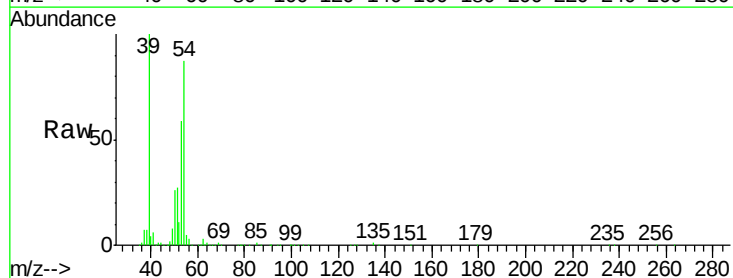
Acq: 25 Oct 2021 10:37

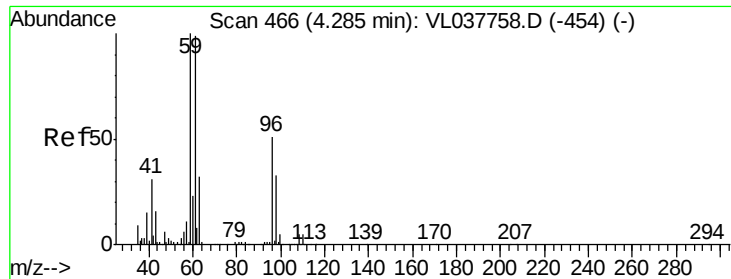
Tgt Ion: 39 Resp: 934167

Ion Ratio Lower Upper

39 100

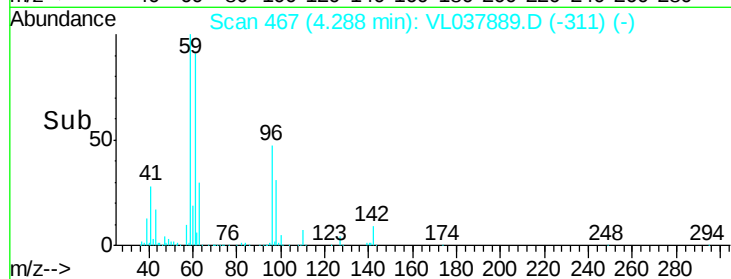
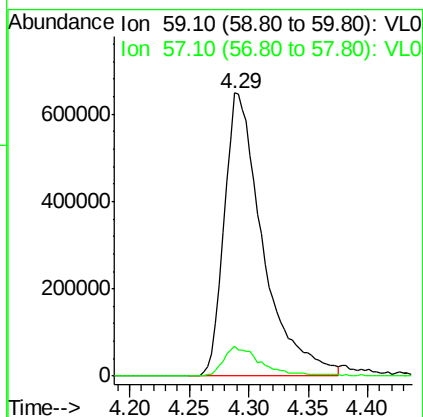
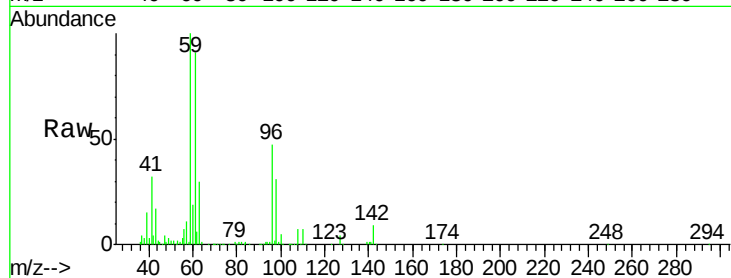
54 80.7 61.7 92.5





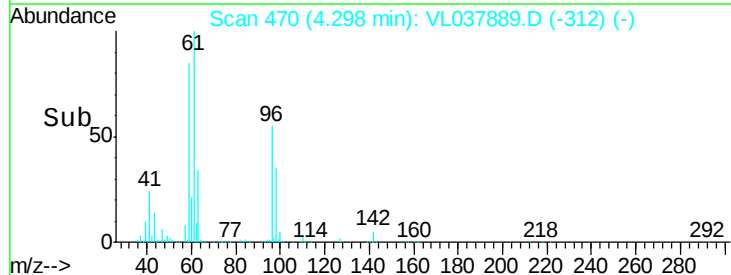
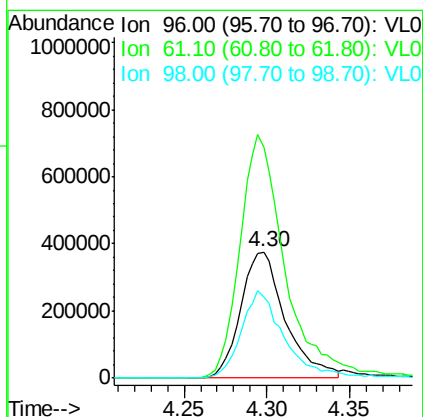
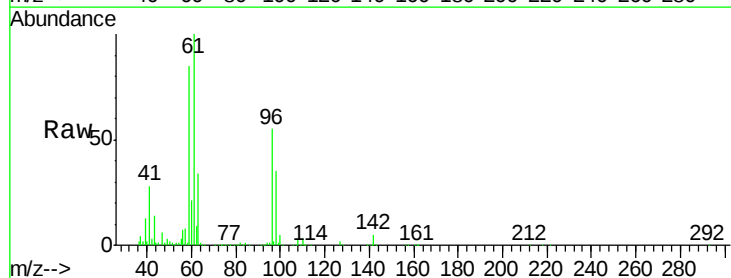
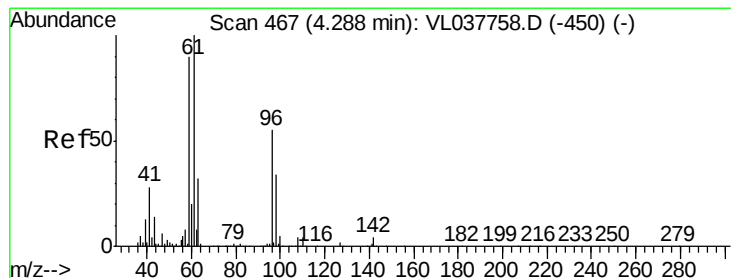
#17
 tert-Butyl alcohol
 Concen: 10.218 ppbv
 RT: 4.29
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 BFB
 Acq: 25 Oct 2021 10:37

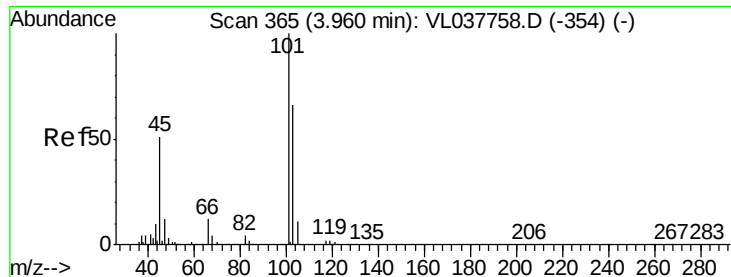
Tgt Ion: 59 Resp: 1455439
 Ion Ratio Lower Upper
 59 100
 57 11.1 8.6 13.0



#18
 1,1-Dichloroethene
 Concen: 9.292 ppbv
 RT: 4.30 min Scan# 470
 Delta R.T. 0.01 min
 Lab File: VL037889.D
 Acq: 25 Oct 2021 10:37

Tgt Ion: 96 Resp: 702467
 Ion Ratio Lower Upper
 96 100
 61 183.0 146.2 219.4
 98 64.3 50.0 75.0





#19

Isopropyl Alcohol

Concen: 10.098 ppbv

RT: 3.97 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

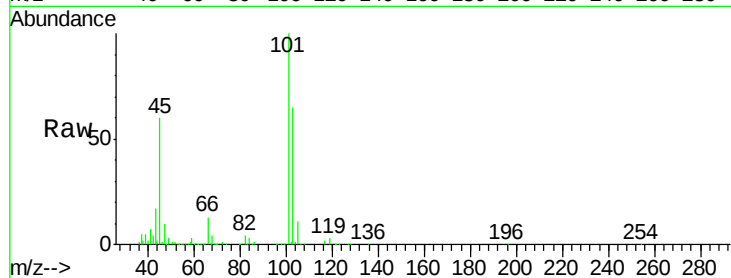
Acq: 25 Oct 2021 10:37 BFB

Tgt Ion: 45 Resp: 868841

Ion Ratio Lower Upper

45 100

58 3.3 1.1 1.7#



Abundance Ion 45.10 (44.80 to 45.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

3.97

400000

300000

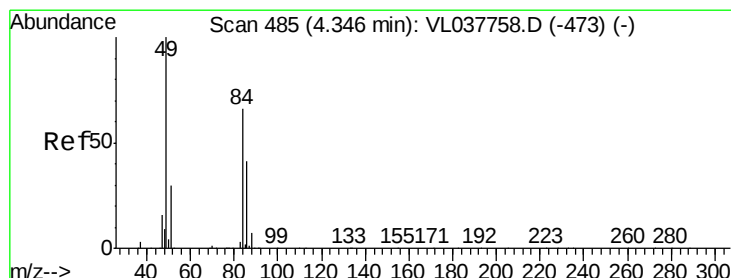
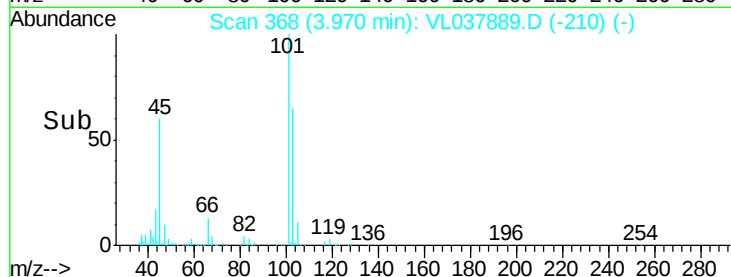
200000

100000

0

3.90 3.95 4.00 4.05

Time-->



#20

Methylene Chloride

Concen: 8.577 ppbv

RT: 4.35 min Scan# 486

Delta R.T. 0.00 min

Lab File: VL037889.D

Acq: 25 Oct 2021 10:37

Tgt Ion: 84 Resp: 599332

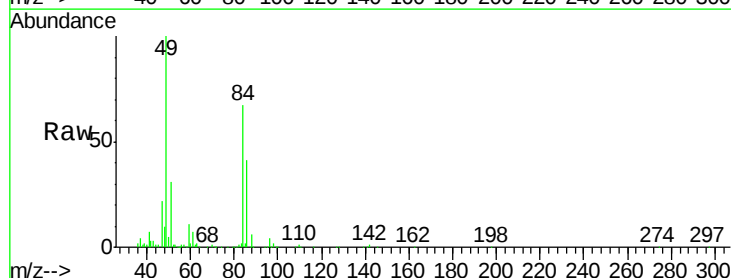
Ion Ratio Lower Upper

84 100

49 148.5 120.7 181.1

51 45.0 36.2 54.4

86 62.1 49.6 74.4



Abundance Ion 84.00 (83.70 to 84.70): VL0

Ion 49.10 (48.80 to 49.80): VL0

Ion 51.10 (50.80 to 51.80): VL0

Ion 86.00 (85.70 to 86.70): VL0

600000

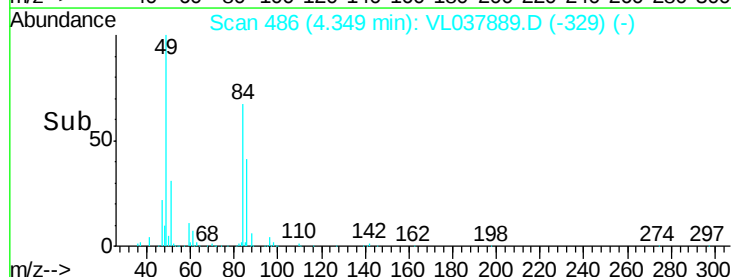
400000

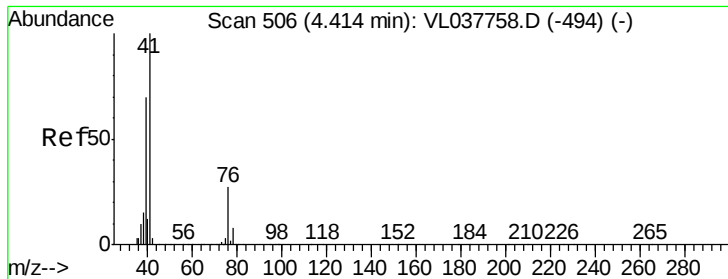
200000

0

4.30 4.35 4.40

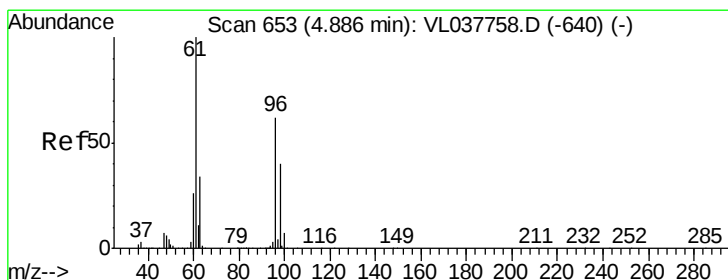
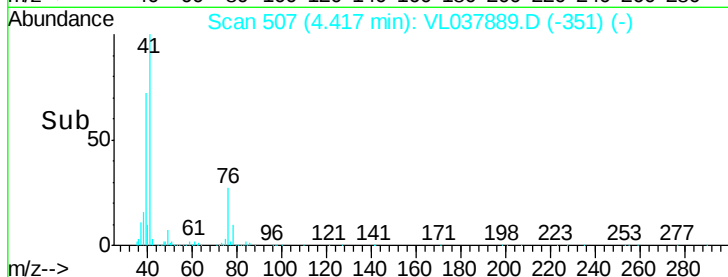
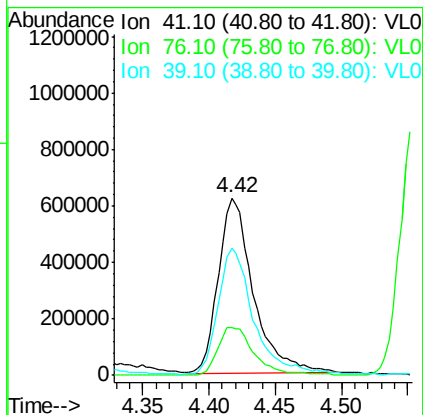
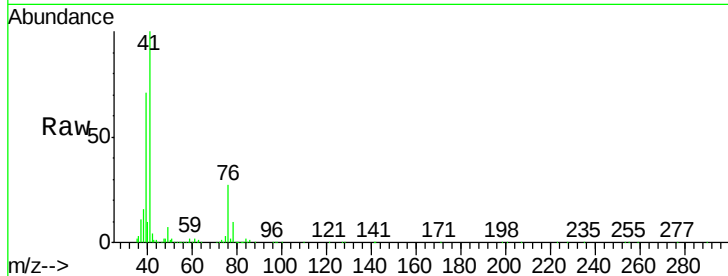
Time-->





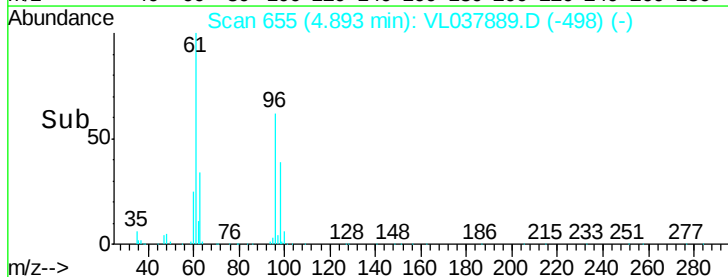
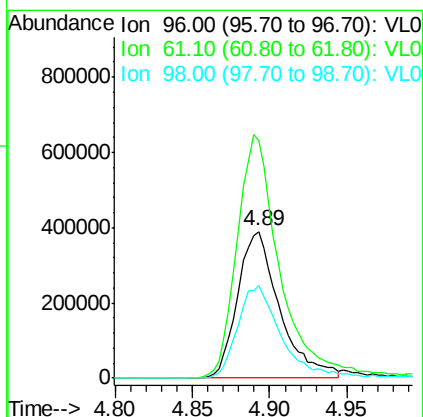
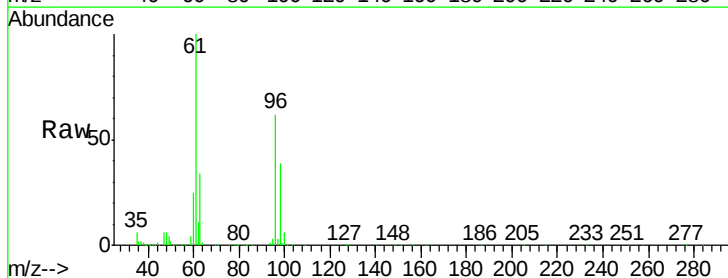
#21
 Allyl Chloride
 Concen: 9.306 ppbv
 RT: 4.42
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 BFB
 Acq: 25 Oct 2021 10:37

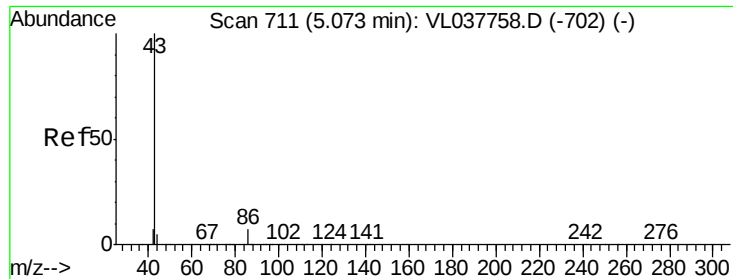
Tgt Ion: 41 Resp: 1140155
 Ion Ratio Lower Upper
 41 100
 76 29.2 22.4 33.6
 39 73.9 58.0 87.0



#22
 trans-1,2-Dichloroethene
 Concen: 9.676 ppbv
 RT: 4.89 min Scan# 655
 Delta R.T. 0.01 min
 Lab File: VL037889.D
 Acq: 25 Oct 2021 10:37

Tgt Ion: 96 Resp: 735459
 Ion Ratio Lower Upper
 96 100
 61 161.7 129.0 193.6
 98 63.6 51.7 77.5





#23

Vinyl Acetate

Concen: 9.911 ppbv

RT: 5.08 Instrument: MSVOA_1

Delta R.T.

Lab File: ClientSampleId:

Acq: 25 Oct 2021 10:37

Tgt Ion: 43 Resp: 2054121

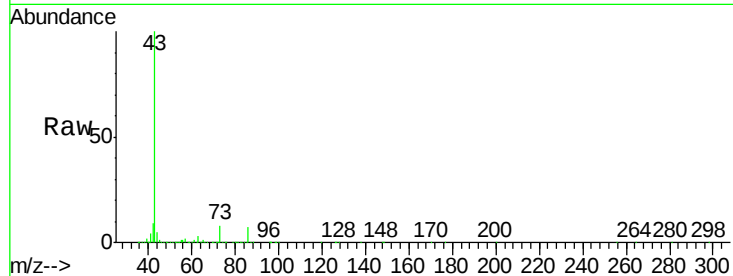
Ion Ratio Lower Upper

43 100

86 6.8 5.0 7.4

42 9.4 7.4 11.0

44 4.6 3.8 5.6

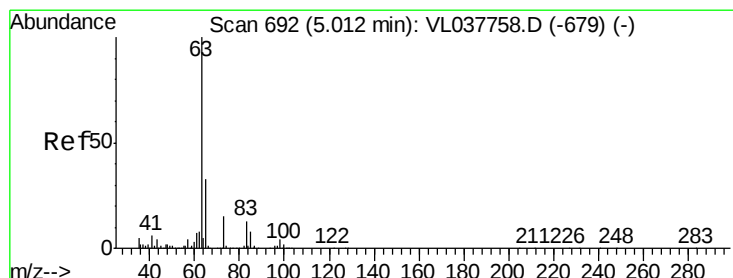
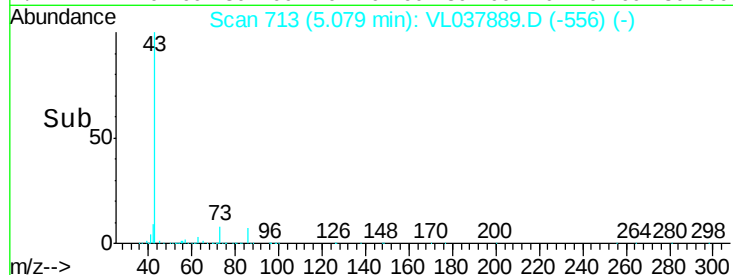
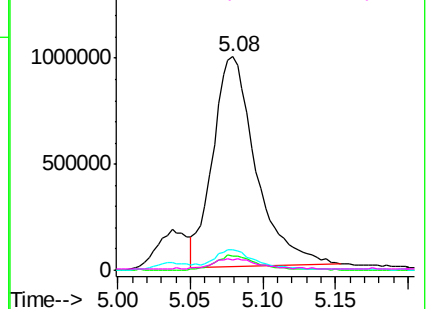


Abundance Ion 43.10 (42.80 to 43.80): VL0

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: 9.534 ppbv

RT: 5.01 min Scan# 693

Delta R.T. 0.00 min

Lab File: VL037889.D

Acq: 25 Oct 2021 10:37

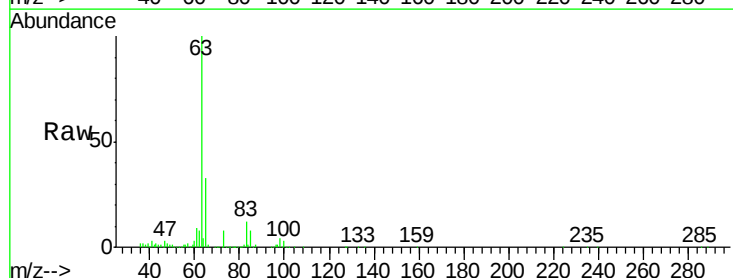
Tgt Ion: 63 Resp: 1438419

Ion Ratio Lower Upper

63 100

98 3.9 2.3 6.9

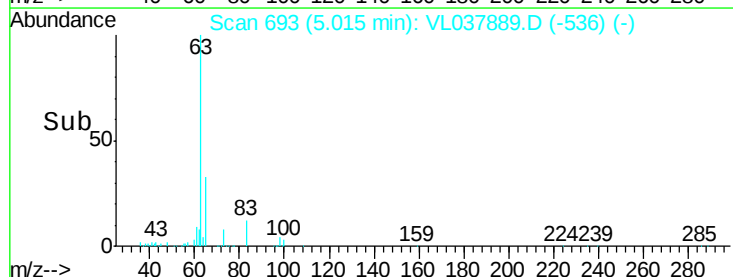
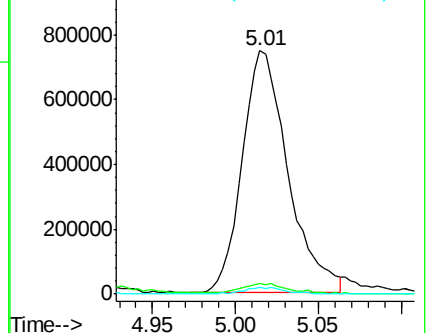
100 2.9 1.1 3.1

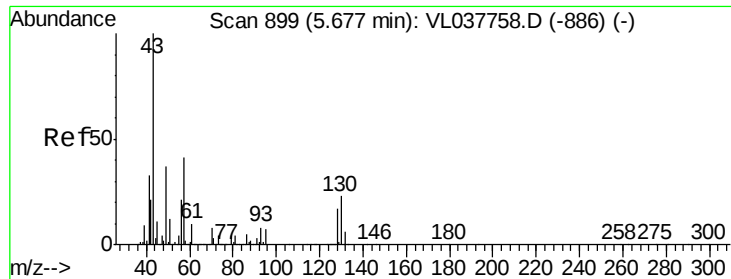


Abundance Ion 63.10 (62.80 to 63.80): VL0

Ion 98.00 (97.70 to 98.70): VL0

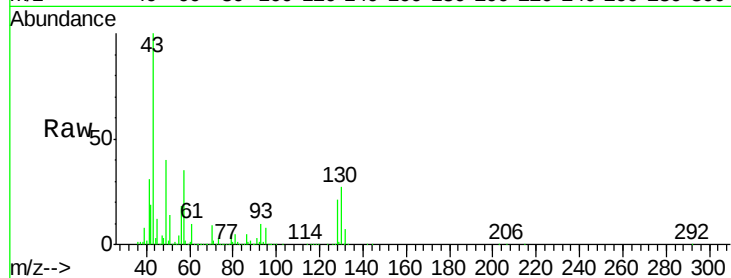
Ion 100.00 (99.70 to 100.70): VL0



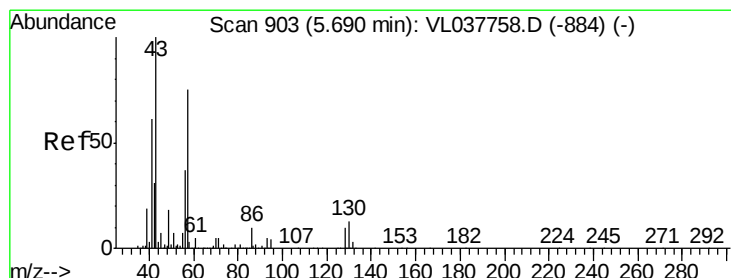
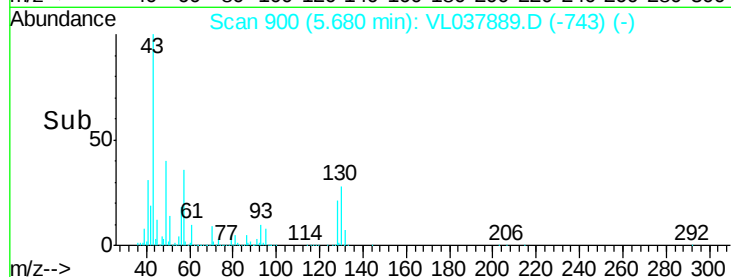
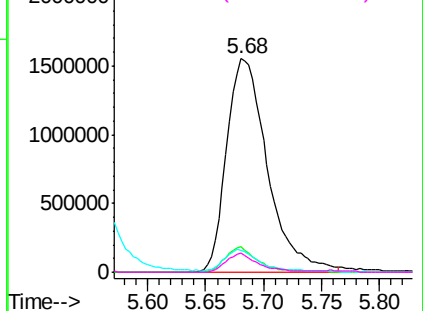


#25
Ethyl Acetate
Concen: 9.723 ppbv
RT: 5.68
Delta R.T.: MSVOA_L
Lab File: ClientSampleId :
Acq: 25 Oct 2021 10:37

Tgt Ion:	43	Resp:	3773411
Ion	Ratio	Lower	Upper
43	100		
45	9.9	8.1	12.1
61	9.8	7.5	11.3
70	7.2	5.9	8.9

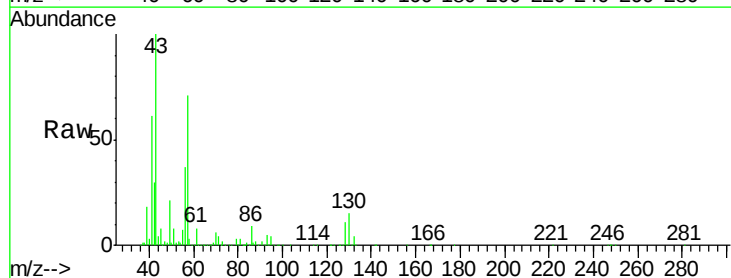


Abundance Ion 43.10 (42.80 to 43.80): VL0
Ion 45.10 (44.80 to 45.80): VL0
Ion 61.10 (60.80 to 61.80): VL0
Ion 70.10 (69.80 to 70.80): VL0

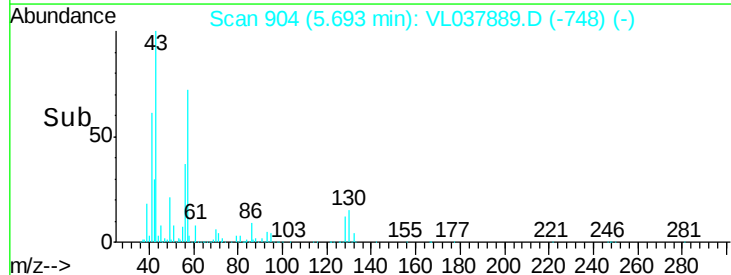
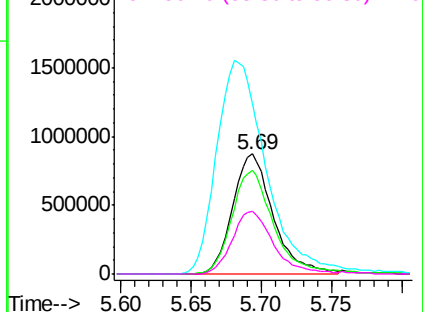


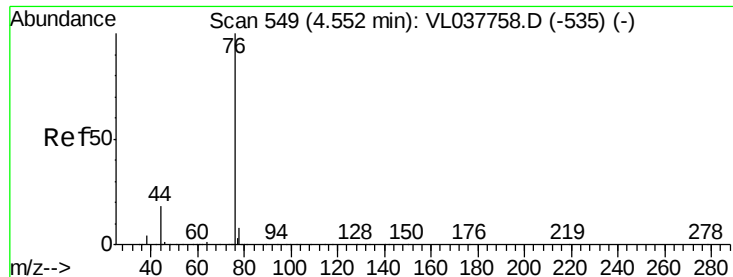
#26
Hexane
Concen: 9.196 ppbv
RT: 5.69 min Scan# 904
Delta R.T.: 0.00 min
Lab File: VL037889.D
Acq: 25 Oct 2021 10:37

Tgt Ion:	57	Resp:	1757418
Ion	Ratio	Lower	Upper
57	100		
41	90.3	69.6	104.4
43	218.6	171.4	257.0
56	54.4	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: 10.894 ppbv

RT: 4.56 Instrument: MSVOA_L

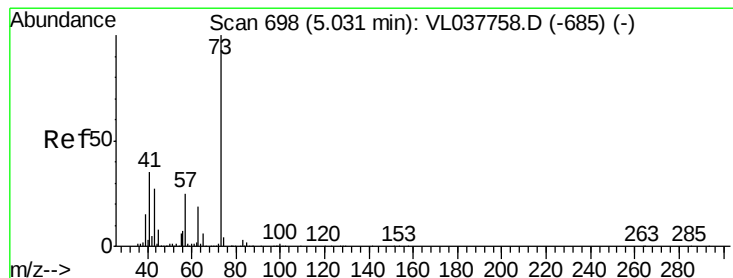
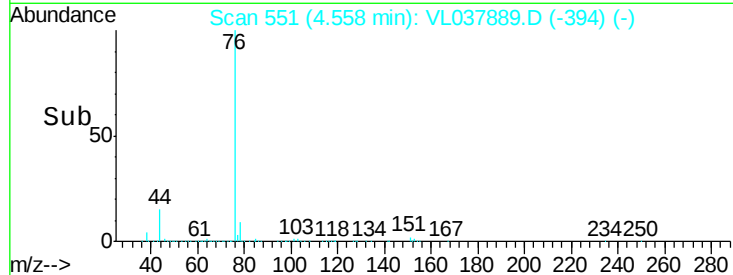
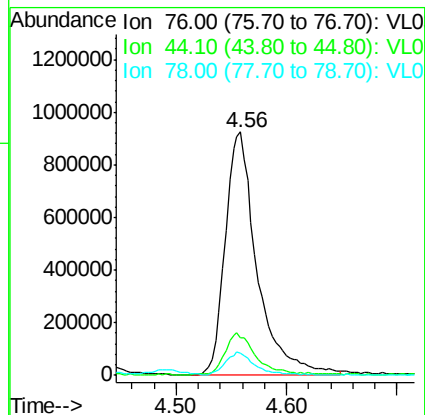
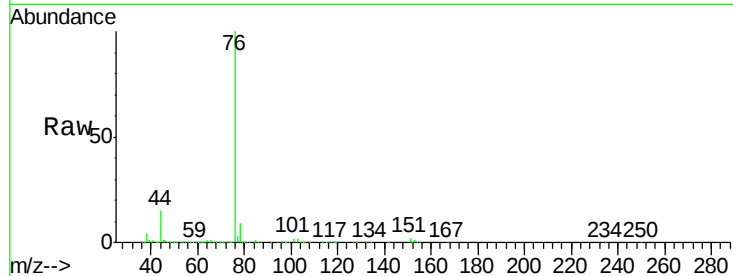
Delta R.T. ClientSampleId:

Lab File: BFB

Acq: 25 Oct 2021 10:37

Tgt Ion: 76 Resp: 1845047

Ion	Ratio	Lower	Upper
76	100		
44	17.3	14.3	21.5
78	9.0	7.8	11.6



#28

Methyl tert-Butyl Ether

Concen: 9.376 ppbv

RT: 5.04 min Scan# 700

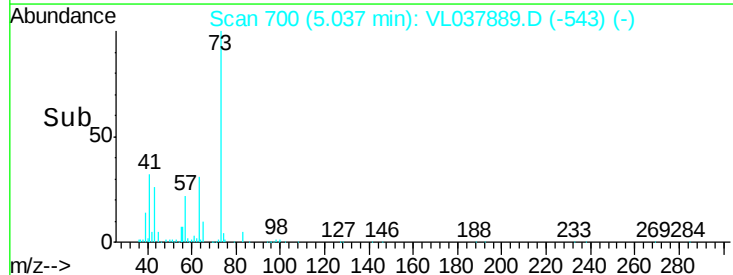
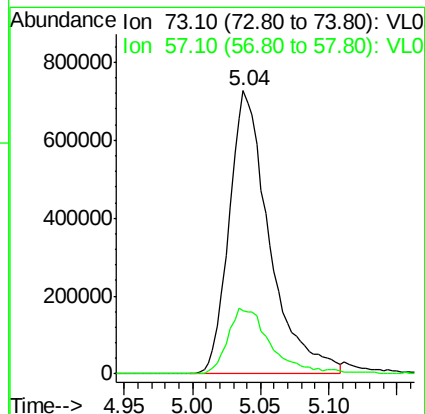
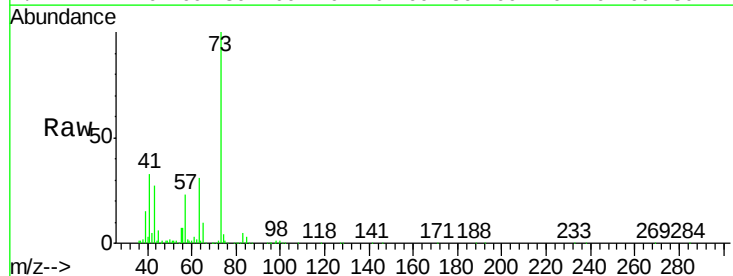
Delta R.T. 0.01 min

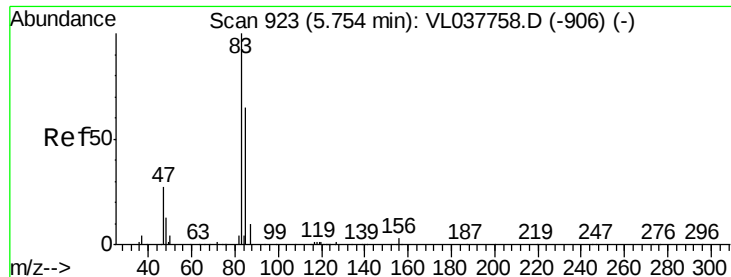
Lab File: VL037889.D

Acq: 25 Oct 2021 10:37

Tgt Ion: 73 Resp: 1491756

Ion	Ratio	Lower	Upper
73	100		
57	25.3	20.4	30.6





#29

Chloroform

Concen: 9.287 ppbv

RT: 5.75 Instrument: MSVOA_L

Delta R.T. 0.00 min

Lab File: ClientSampleId: BFB

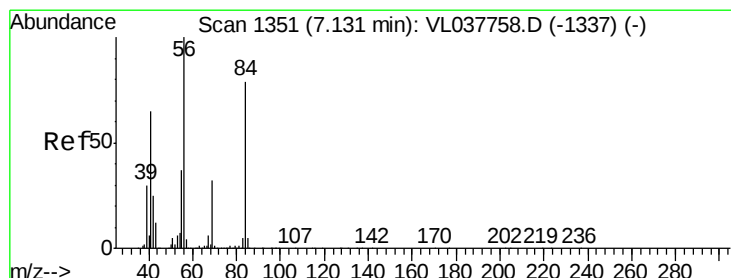
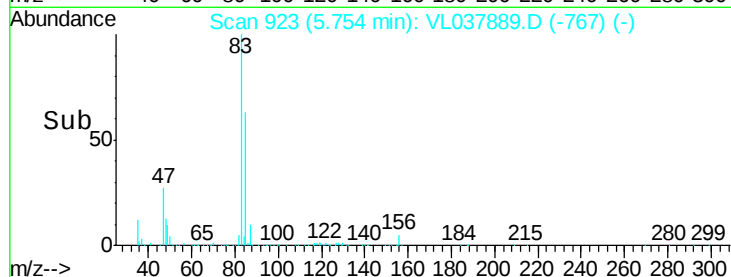
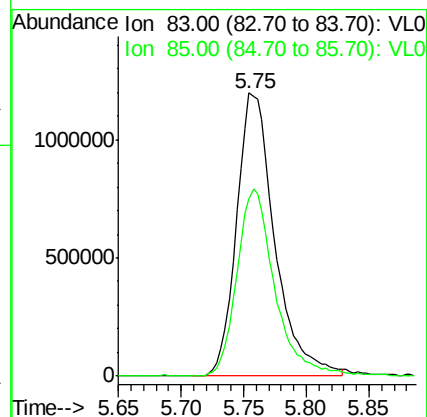
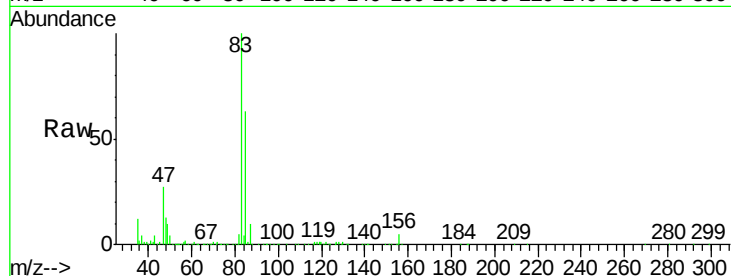
Acq: 25 Oct 2021 10:37

Tgt Ion: 83 Resp: 2536877

Ion Ratio Lower Upper

83 100

85 62.5 51.8 77.8



#30

Cyclohexane

Concen: 9.251 ppbv

RT: 7.13 min Scan# 1352

Delta R.T. 0.00 min

Lab File: VL037889.D

Acq: 25 Oct 2021 10:37

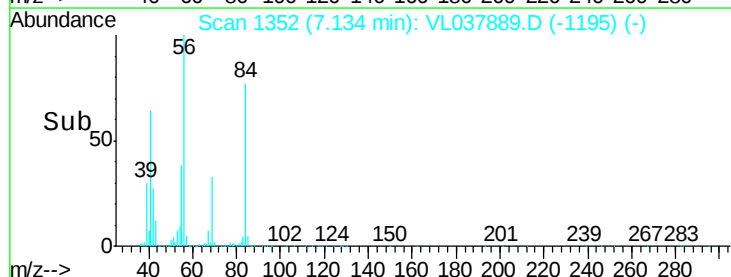
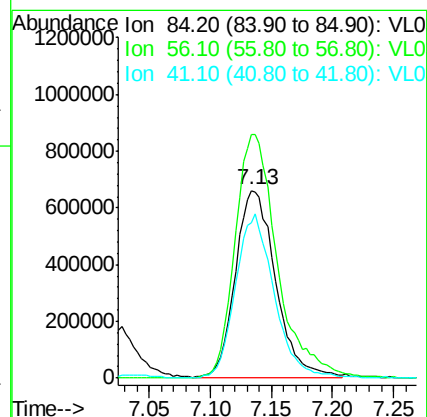
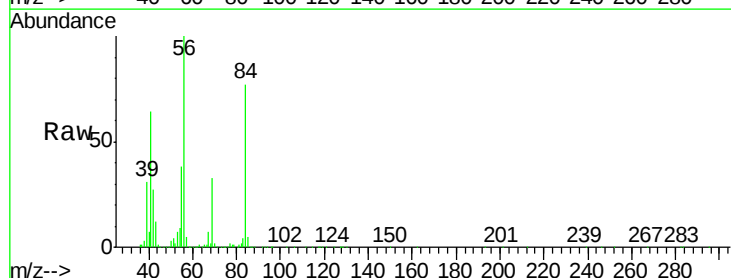
Tgt Ion: 84 Resp: 1499088

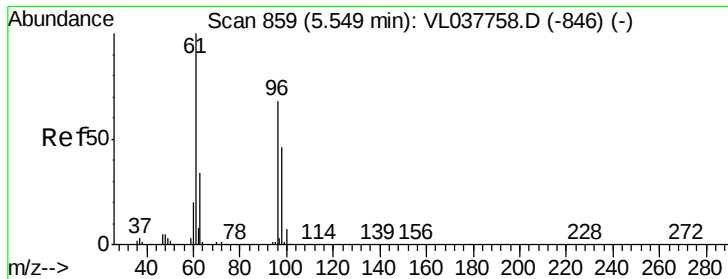
Ion Ratio Lower Upper

84 100

56 138.8 113.0 169.4

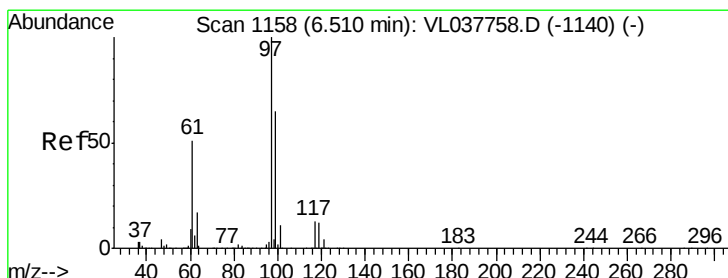
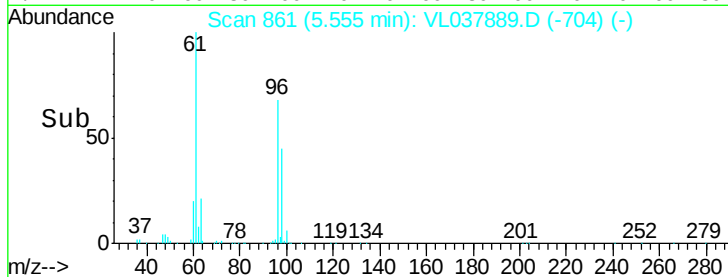
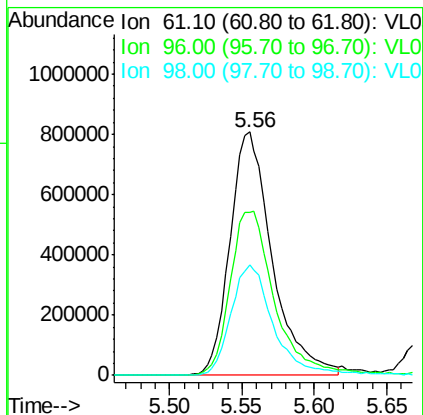
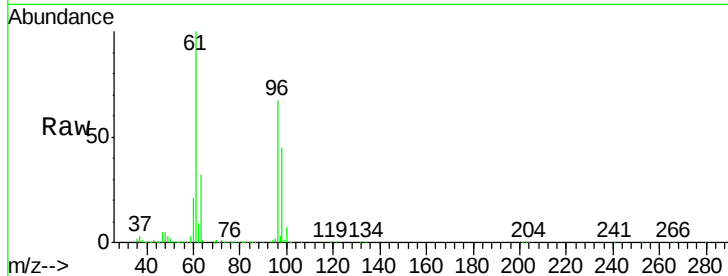
41 84.2 69.1 103.7





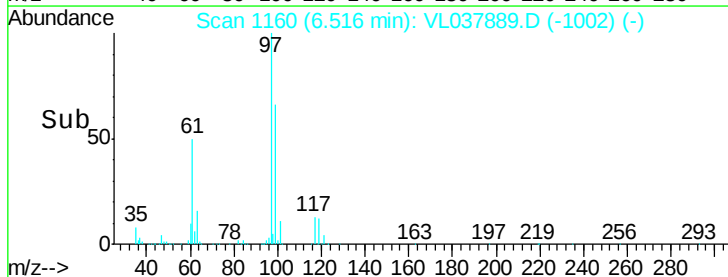
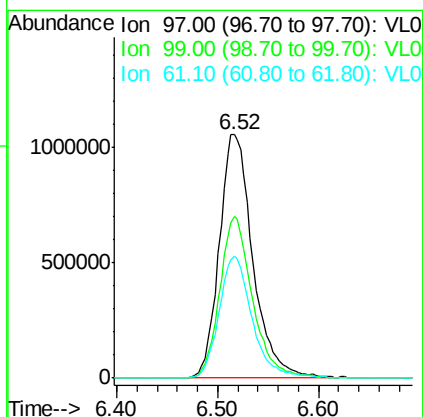
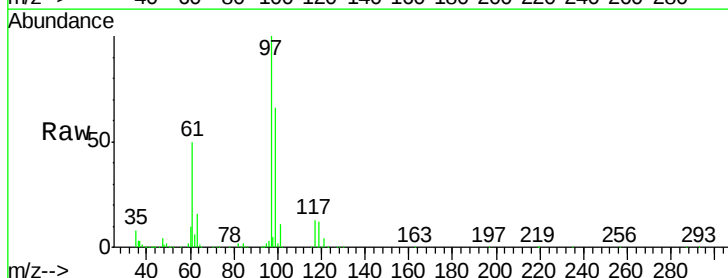
#31
 cis-1,2-Dichloroethene
 Concen: 9.447 ppbv
 RT: 5.56
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 BFB
 Acq: 25 Oct 2021 10:37

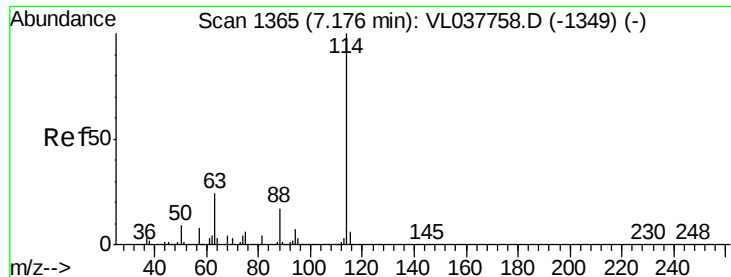
Tgt Ion: 61 Resp: 1638941
 Ion Ratio Lower Upper
 61 100
 96 67.0 54.2 81.2
 98 45.4 36.6 54.8



#32
 1,1,1-Trichloroethane
 Concen: 9.418 ppbv
 RT: 6.52 min Scan# 1160
 Delta R.T. 0.01 min
 Lab File: VL037889.D
 Acq: 25 Oct 2021 10:37

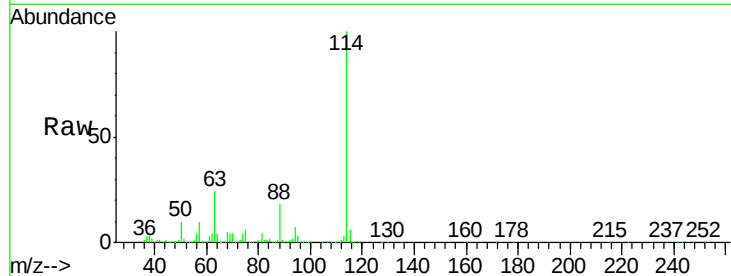
Tgt Ion: 97 Resp: 2439156
 Ion Ratio Lower Upper
 97 100
 99 65.1 52.6 78.8
 61 49.4 40.2 60.4



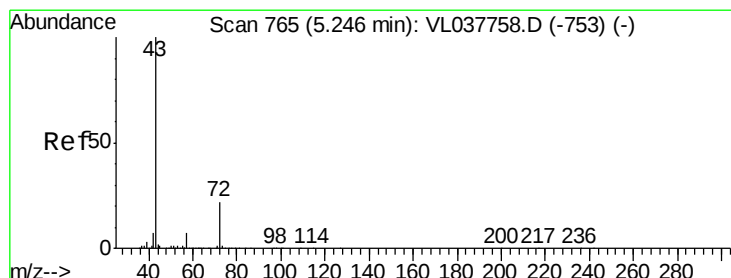
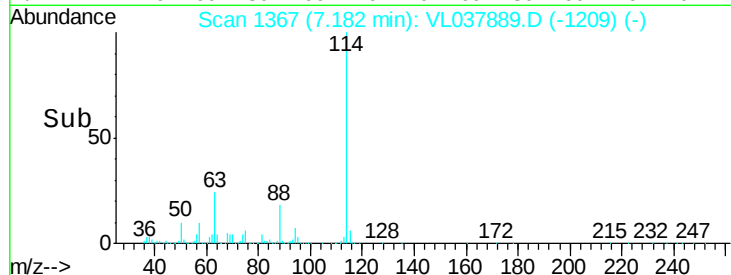
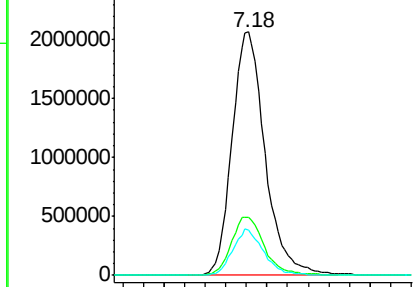


#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.18
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 BFB
 Acq: 25 Oct 2021 10:37

Tgt Ion:114 Resp: 4616283
 Ion Ratio Lower Upper
 114 100
 63 24.3 19.4 29.2
 88 17.8 14.4 21.6

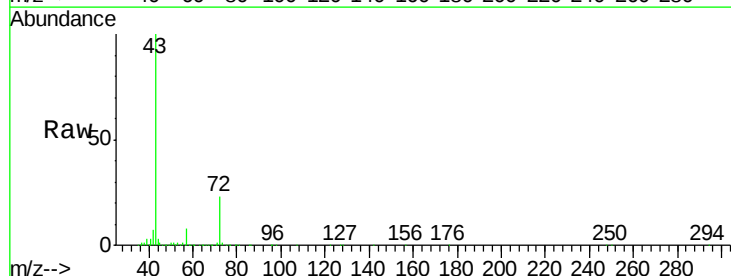


Abundance Ion 114.10 (113.80 to 114.80): VL0
 Ion 63.10 (62.80 to 63.80): VL0
 Ion 88.10 (87.80 to 88.80): VL0

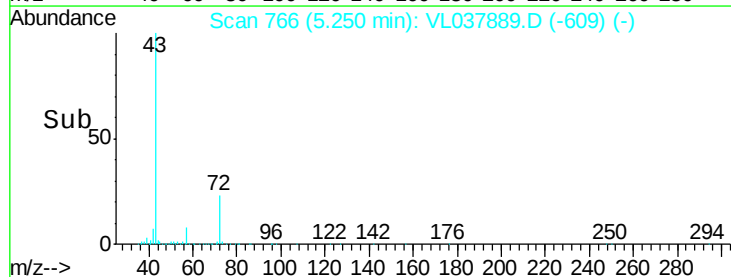
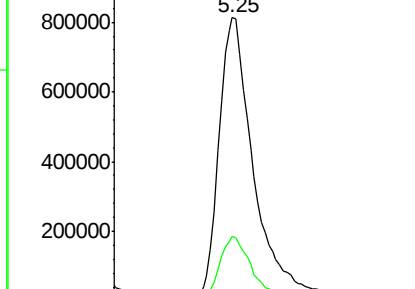


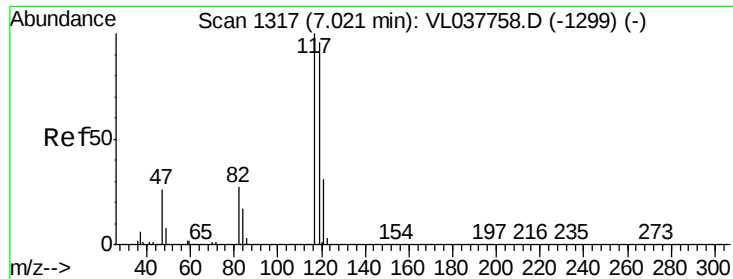
#34
 2-Butanone
 Concen: 9.141 ppbv
 RT: 5.25 min Scan# 766
 Delta R.T.: 0.00 min
 Lab File: VL037889.D
 Acq: 25 Oct 2021 10:37

Tgt Ion: 43 Resp: 1703550
 Ion Ratio Lower Upper
 43 100
 72 23.1 18.2 27.2



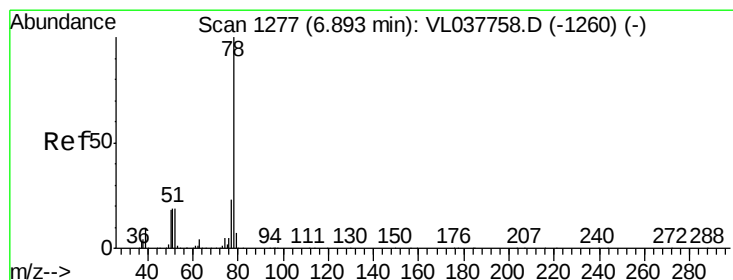
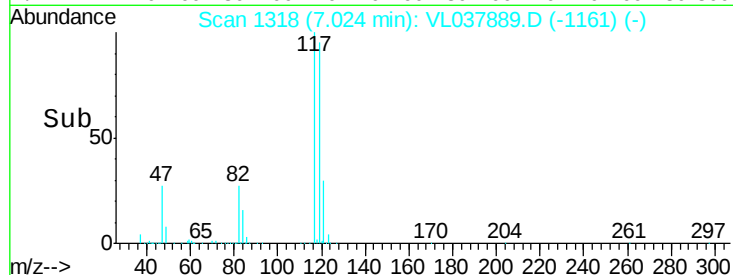
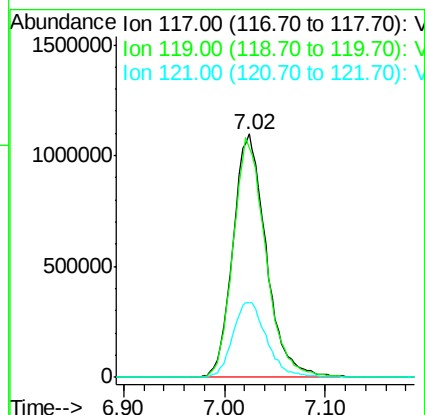
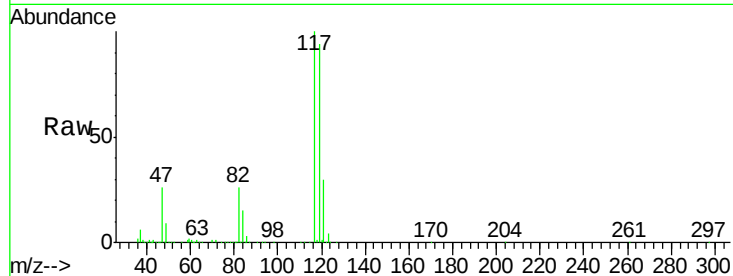
Abundance Ion 43.10 (42.80 to 43.80): VL0
 Ion 72.10 (71.80 to 72.80): VL0





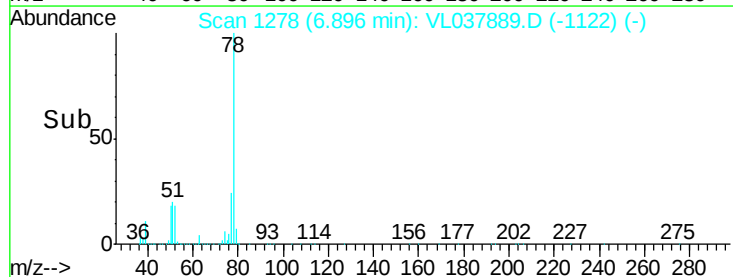
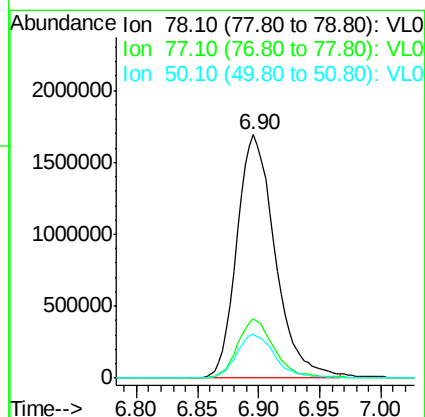
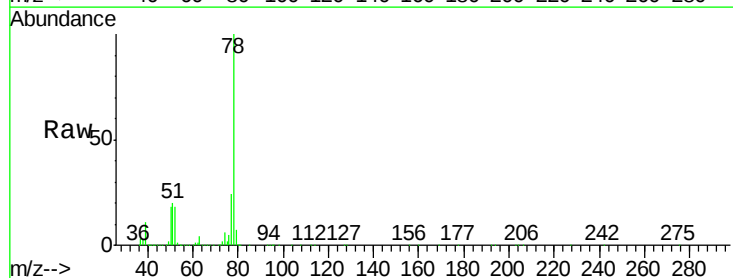
#35
Carbon Tetrachloride
Concen: 9.563 ppbv
RT: 7.02
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 25 Oct 2021 10:37

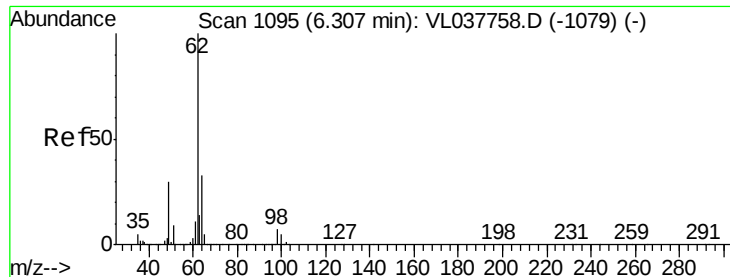
Tgt Ion: 117 Resp: 2507206
Ion Ratio Lower Upper
117 100
119 94.1 76.5 114.7
121 30.4 24.9 37.3



#36
Benzene
Concen: 9.348 ppbv
RT: 6.90 min Scan# 1278
Delta R.T. 0.00 min
Lab File: VL037889.D
Acq: 25 Oct 2021 10:37

Tgt Ion: 78 Resp: 3685653
Ion Ratio Lower Upper
78 100
77 24.1 18.8 28.2
50 17.9 14.7 22.1





#37

1,2-Dichloroethane

Concen: 9.402 ppbv

RT: 6.31 Instrument: MSVOA_L

Delta R.T. ClientSampleId:

Lab File: BFB

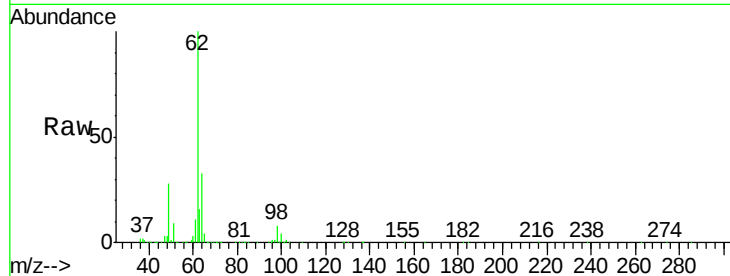
Acq: 25 Oct 2021 10:37

Tgt Ion: 62 Resp: 1745597

Ion Ratio Lower Upper

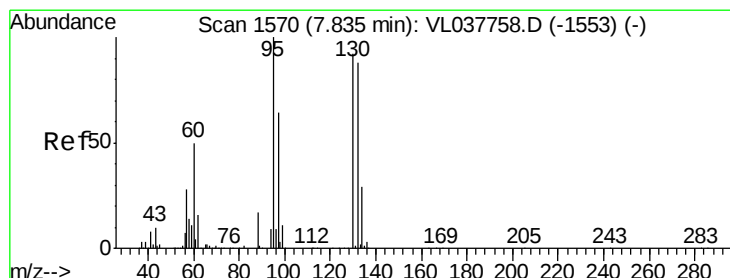
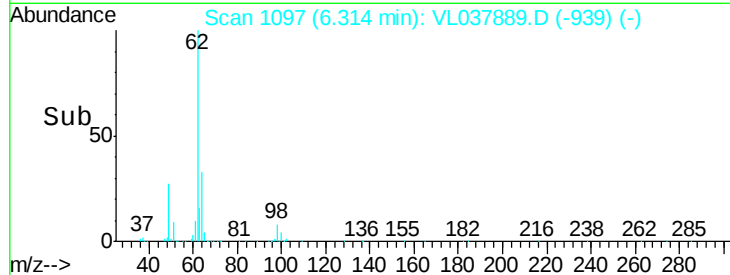
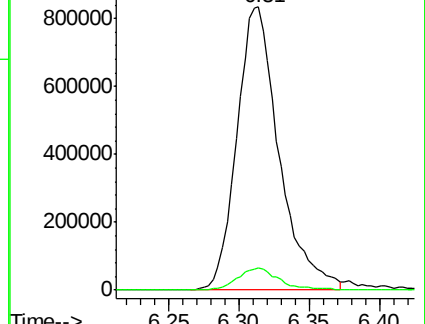
62 100

98 8.1 6.1 9.1



Abundance Ion 62.10 (61.80 to 62.80): VL0

Ion 98.00 (97.70 to 98.70): VL0



#38

Trichloroethene

Concen: 9.545 ppbv

RT: 7.84 min Scan# 1571

Delta R.T. 0.00 min

Lab File: VL037889.D

Acq: 25 Oct 2021 10:37

Tgt Ion: 130 Resp: 1486881

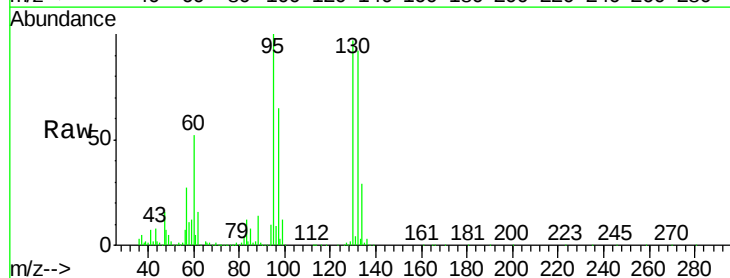
Ion Ratio Lower Upper

130 100

95 102.7 87.4 131.0

132 94.6 76.8 115.2

97 66.7 55.8 83.8

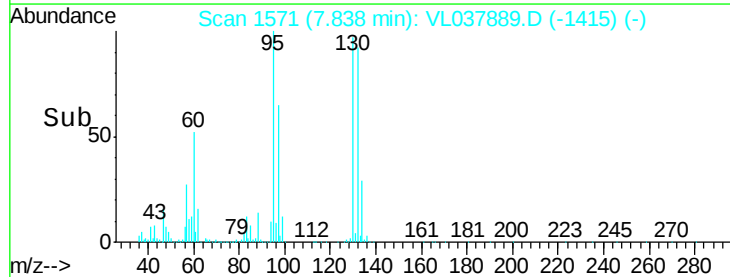
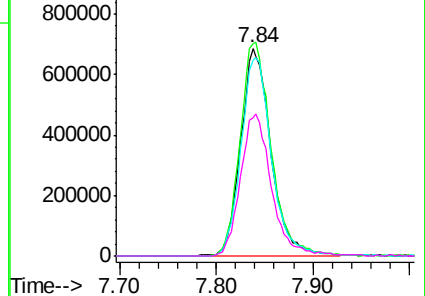


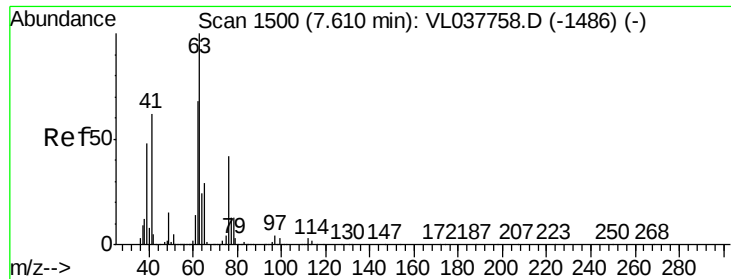
Abundance Ion 130.00 (129.70 to 130.70): V

Ion 95.00 (94.70 to 95.70): VL0

Ion 132.00 (131.70 to 132.70): V

Ion 97.00 (96.70 to 97.70): VL0

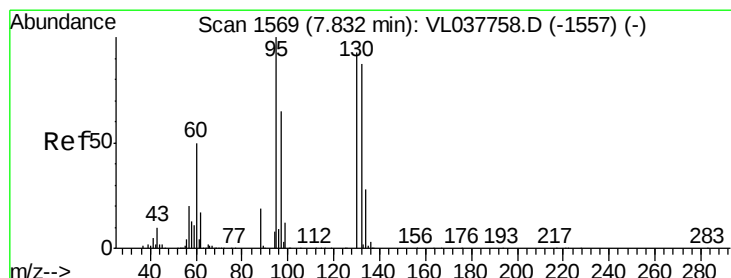
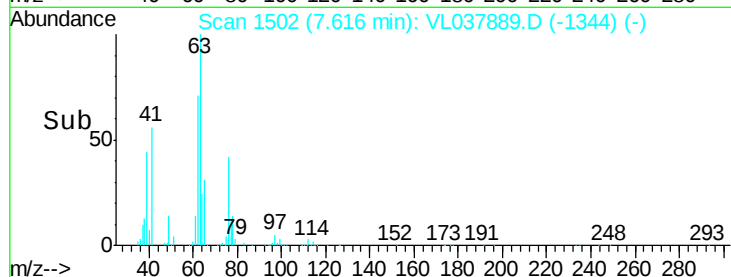
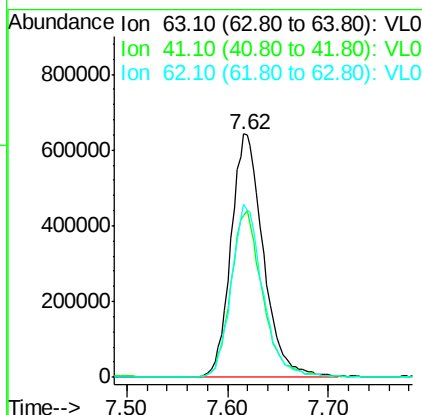
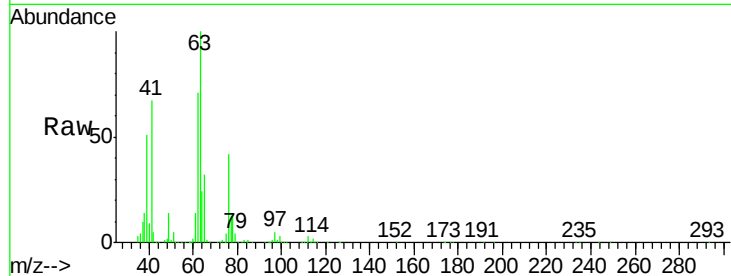




#39
 1,2-Dichloropropane
 Concen: 9.684 ppbv
 RT: 7.62
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 BFB
 Acq: 25 Oct 2021 10:37

Tgt Ion: 63 Resp: 1436218

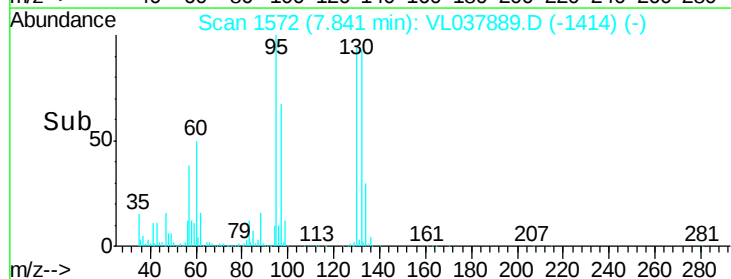
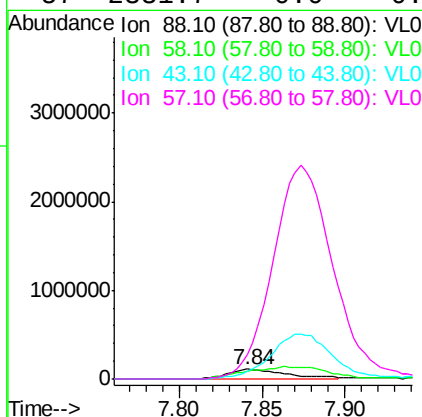
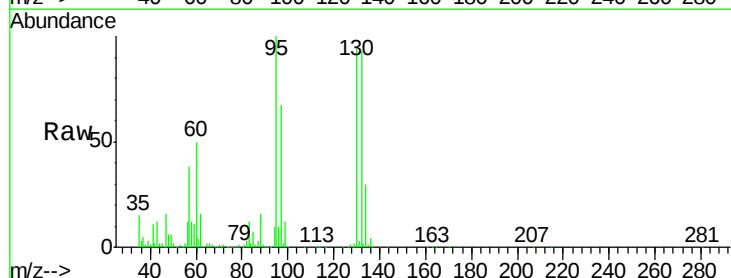
Ion	Ratio	Lower	Upper
63	100		
41	66.6	49.8	74.6
62	71.0	54.6	82.0

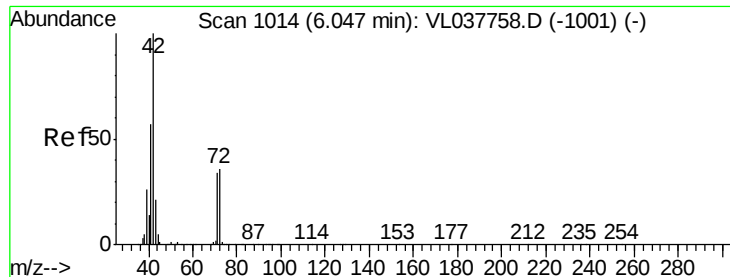


#40
 1,4-Dioxane
 Concen: 7.117 ppbv
 RT: 7.84 min Scan# 1572
 Delta R.T. 0.01 min
 Lab File: VL037889.D
 Acq: 25 Oct 2021 10:37

Tgt Ion: 88 Resp: 264116

Ion	Ratio	Lower	Upper
88	100		
58	194.1	0.0	0.0#
43	501.1	0.0	0.0#
57	2331.7	0.0	0.0#





#41

Tetrahydrofuran

Concen: 9.102 ppbv

RT: 6.06 Instrument: MSVOA_1

Delta R.T.

Lab File: ClientSampleId:

Acq: 25 Oct 2021 10:37

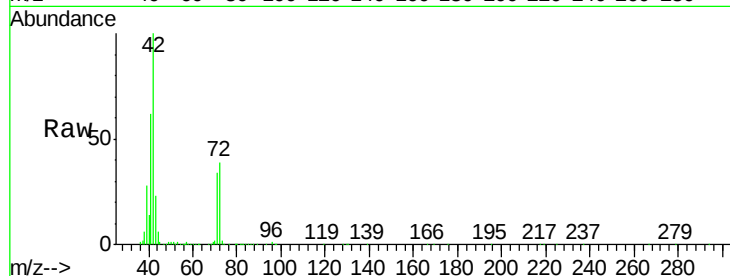
Tgt Ion: 42 Resp: 830643

Ion Ratio Lower Upper

42 100

72 41.6 31.9 47.9

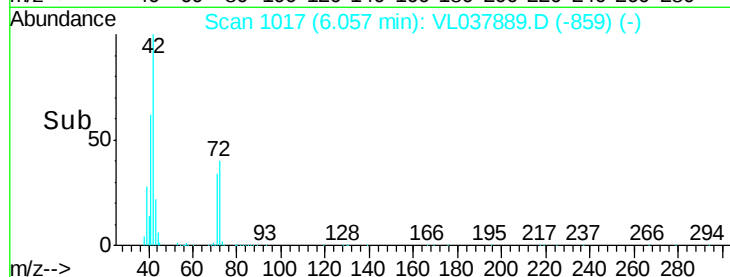
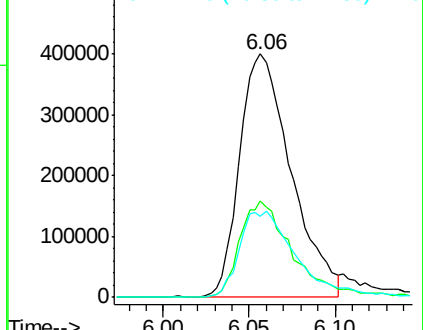
71 40.0 30.3 45.5



Abundance Ion 42.10 (41.80 to 42.80): VL0

Ion 72.10 (71.80 to 72.80): VL0

Ion 71.10 (70.80 to 71.80): VL0



#42

Bromodichloromethane

Concen: 9.745 ppbv

RT: 7.80 min Scan# 1558

Delta R.T. 0.01 min

Lab File: VL037889.D

Acq: 25 Oct 2021 10:37

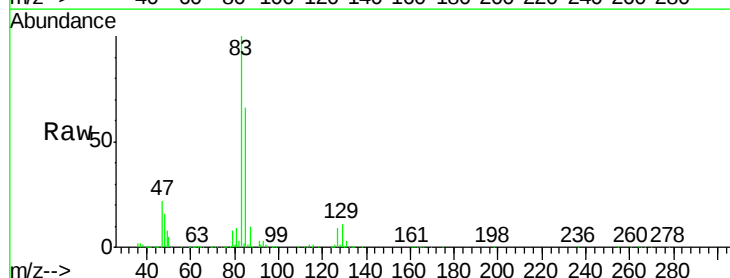
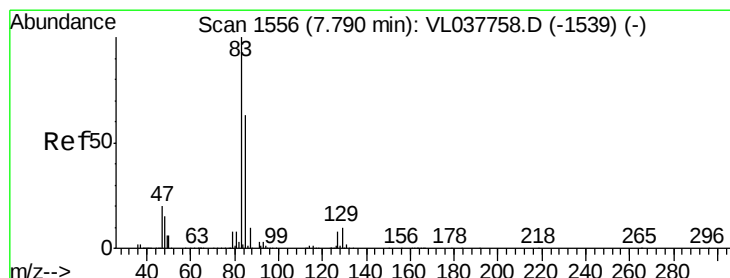
Tgt Ion: 83 Resp: 2657531

Ion Ratio Lower Upper

83 100

85 65.5 50.6 75.8

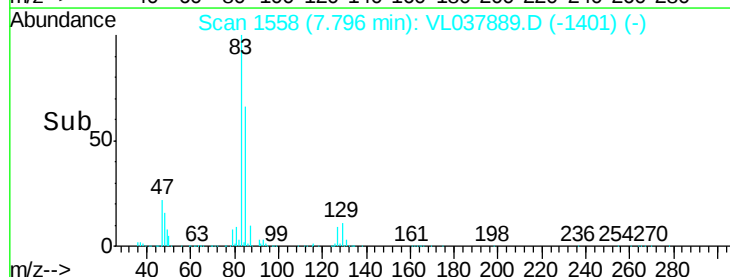
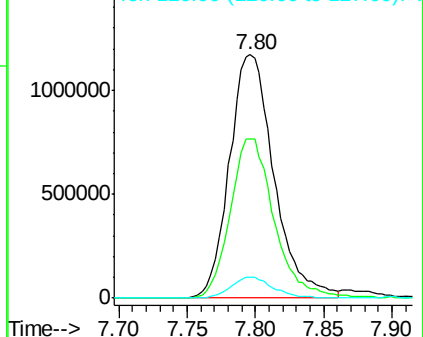
127 8.6 6.2 9.4

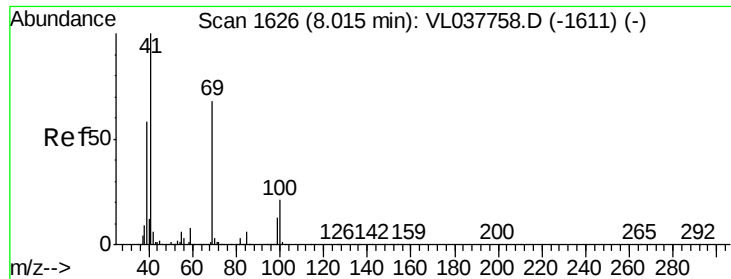


Abundance Ion 83.00 (82.70 to 83.70): VL0

Ion 85.00 (84.70 to 85.70): VL0

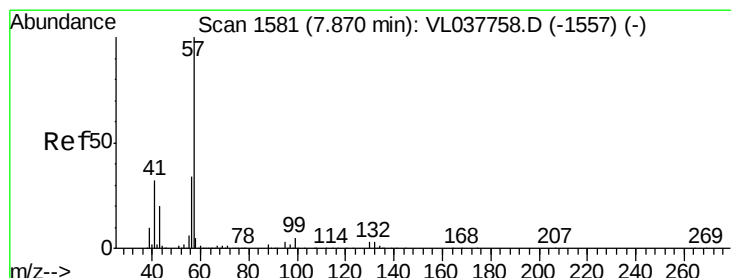
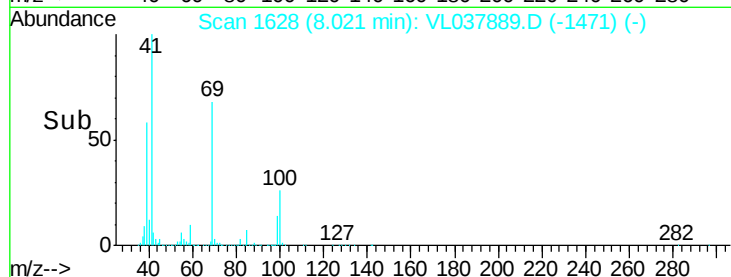
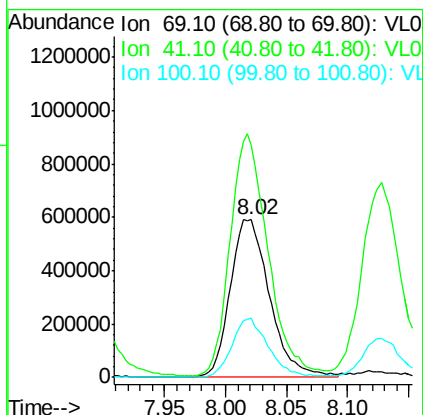
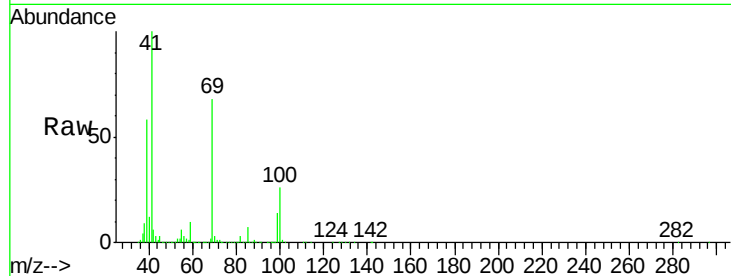
Ion 126.90 (126.60 to 127.60): V





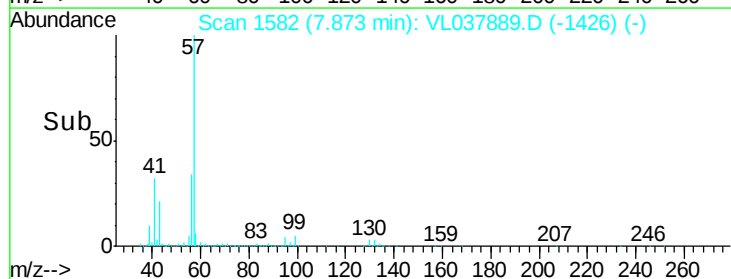
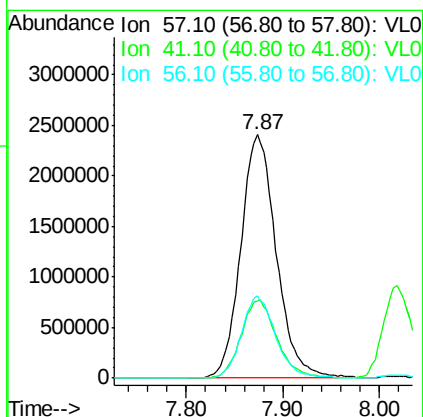
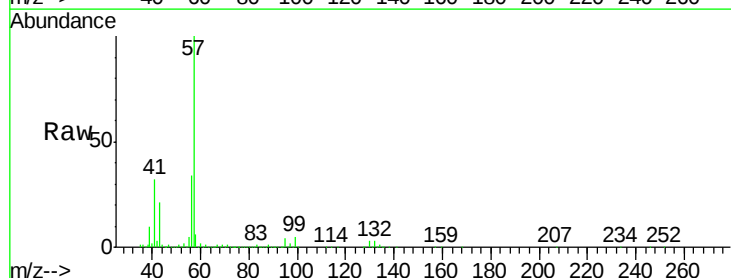
#43
Methyl Methacrylate
Concen: 10.293 ppbv
RT: 8.02
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
BFB
Acq: 25 Oct 2021 10:37

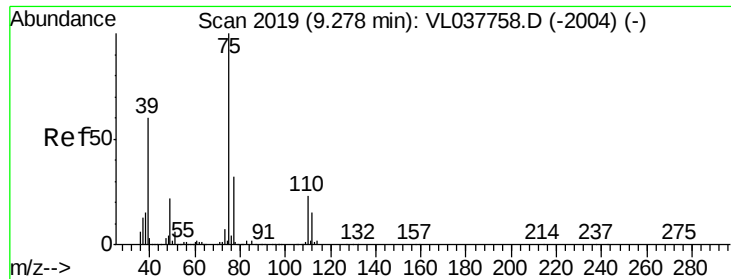
Tgt Ion: 69 Resp: 1325568
Ion Ratio Lower Upper
69 100
41 148.2 121.0 181.4
100 35.1 27.7 41.5



#44
2,2,4-Trimethylpentane
Concen: 9.263 ppbv
RT: 7.87 min Scan# 1582
Delta R.T.: 0.00 min
Lab File: VL037889.D
Acq: 25 Oct 2021 10:37

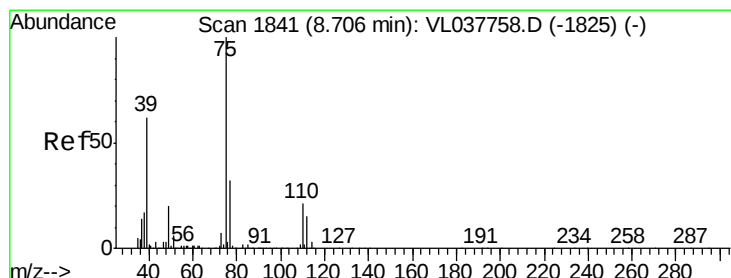
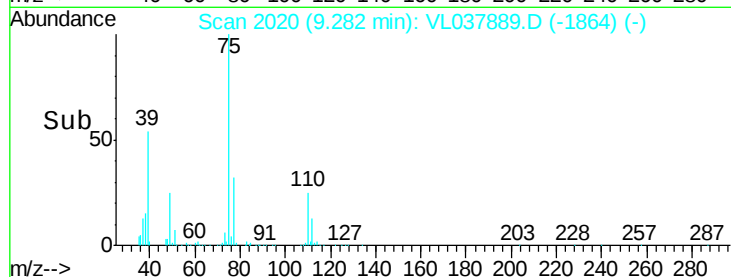
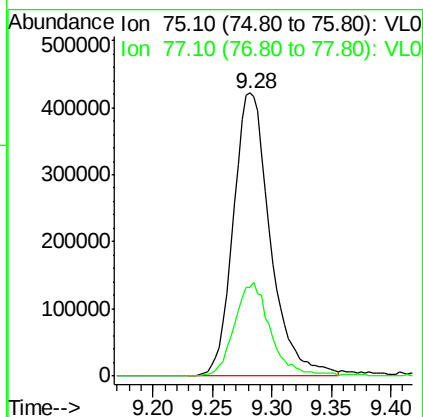
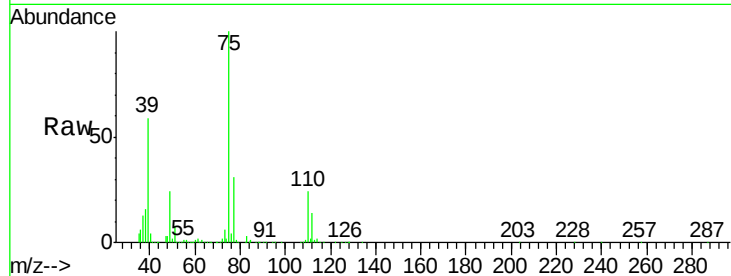
Tgt Ion: 57 Resp: 6136407
Ion Ratio Lower Upper
57 100
41 32.4 25.6 38.4
56 32.6 25.5 38.3





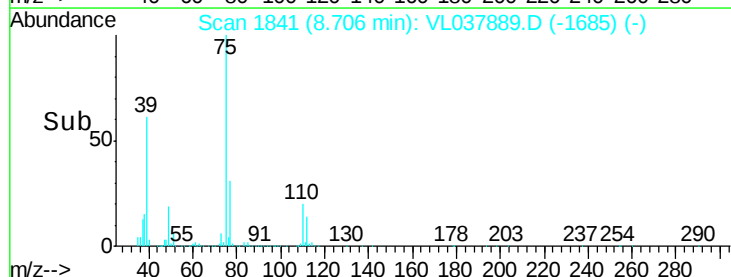
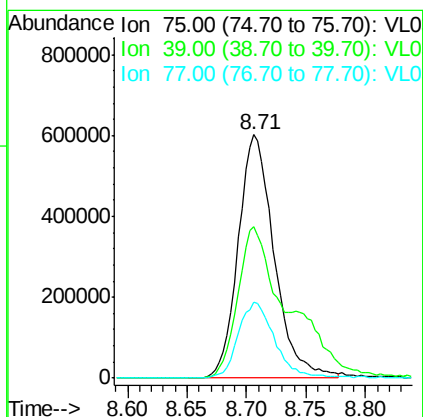
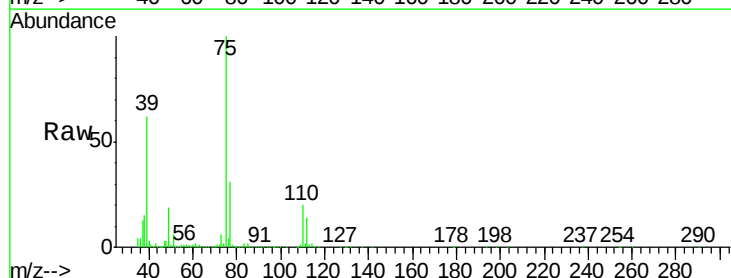
#45
t-1,3-Dichloropropene
Concen: 10.231 ppbv
RT: 9.28
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 25 Oct 2021 10:37

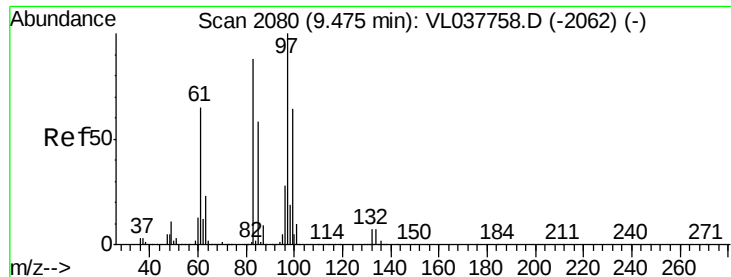
Tgt Ion: 75 Resp: 906627
Ion Ratio Lower Upper
75 100
77 31.4 25.2 37.8



#46
cis-1,3-Dichloropropene
Concen: 10.270 ppbv
RT: 8.71 min Scan# 1841
Delta R.T. -0.00 min
Lab File: VL037889.D
Acq: 25 Oct 2021 10:37

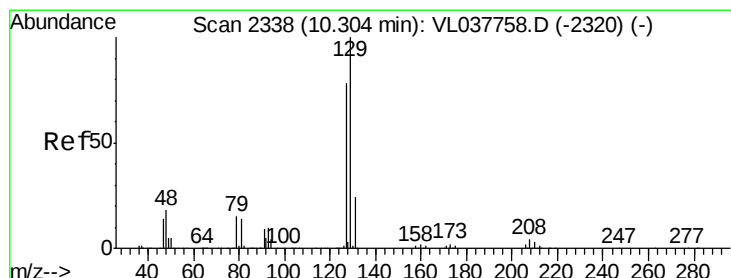
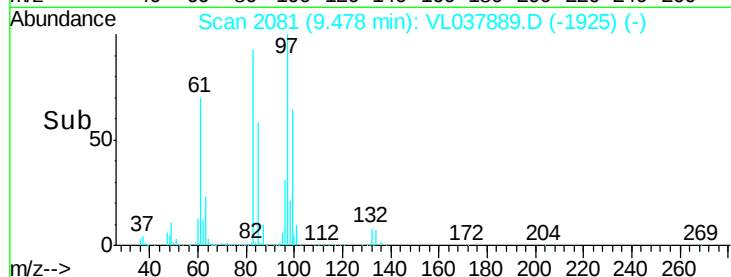
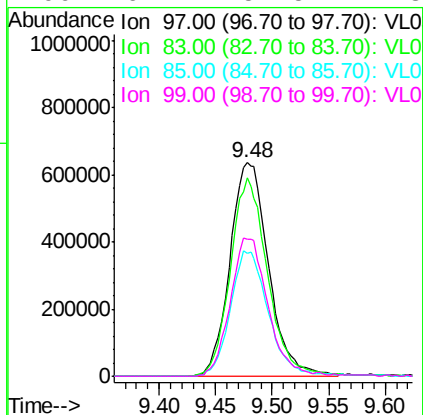
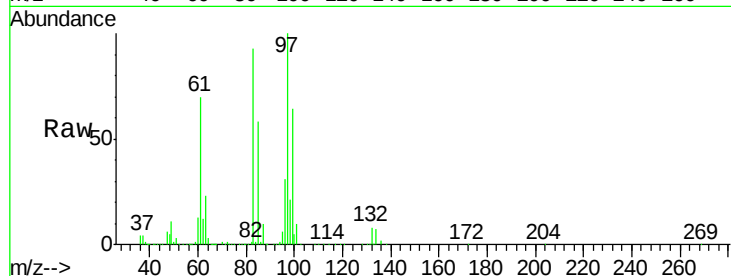
Tgt Ion: 75 Resp: 1261456
Ion Ratio Lower Upper
75 100
39 62.2 49.9 74.9
77 31.2 25.9 38.9





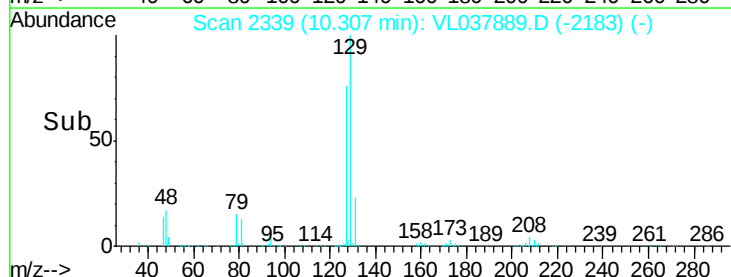
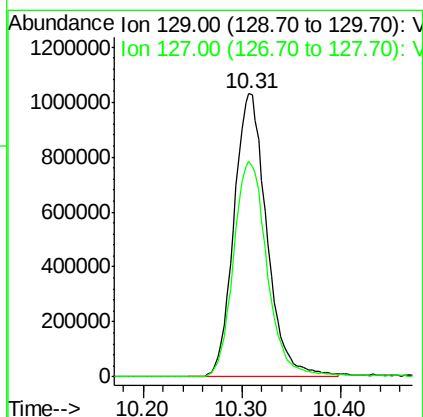
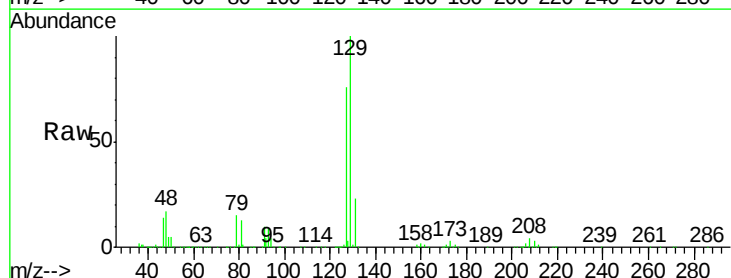
#47
 1,1,2-Trichloroethane
 Concen: 9.376 ppbv
 RT: 9.48
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 BFB
 Acq: 25 Oct 2021 10:37

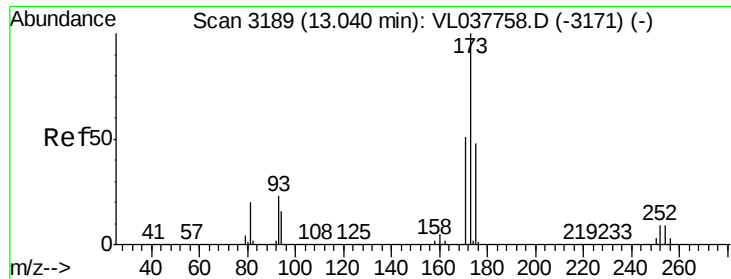
Tgt Ion:	97	Resp:	1511639
Ion	Ratio	Lower	Upper
97	100		
83	93.0	70.6	105.8
85	57.8	45.9	68.9
99	64.1	51.5	77.3



#48
 Dibromochloromethane
 Concen: 10.389 ppbv
 RT: 10.31 min Scan# 2339
 Delta R.T.: 0.00 min
 Lab File: VL037889.D
 Acq: 25 Oct 2021 10:37

Tgt Ion:	129	Resp:	2387757
Ion	Ratio	Lower	Upper
129	100		
127	78.5	39.5	118.5





#49

Bromoform

Concen: 10.933 ppbv

RT: 13.04 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 25 Oct 2021 10:37 BFB

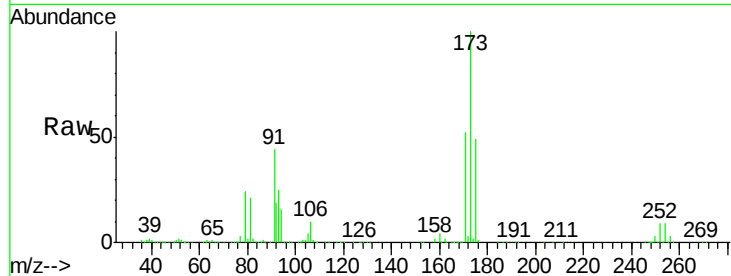
Tgt Ion: 173 Resp: 1922690

Ion Ratio Lower Upper

173 100

175 52.8 39.9 59.9

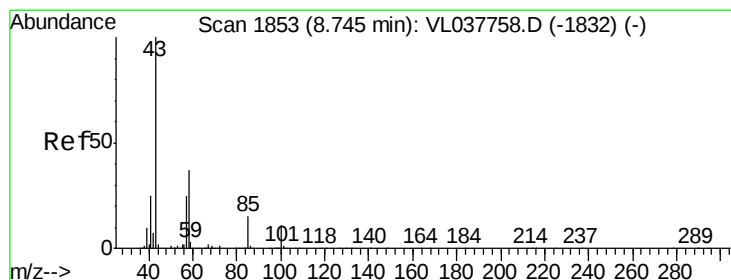
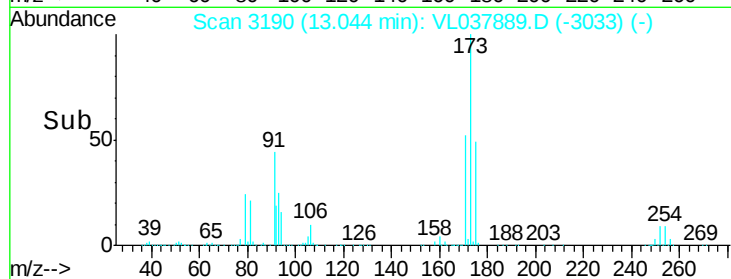
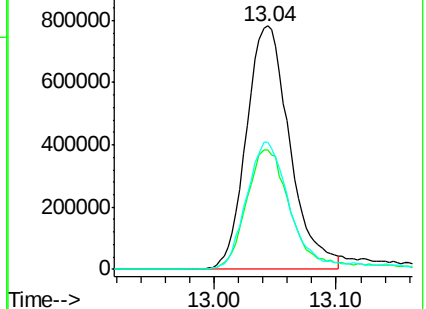
171 55.5 43.4 65.2



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: 10.034 ppbv

RT: 8.75 min Scan# 1854

Delta R.T. 0.00 min

Lab File: VL037889.D

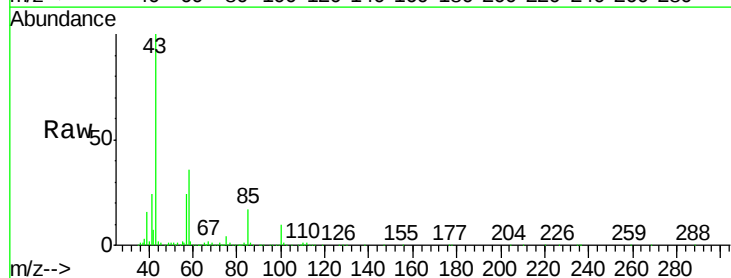
Acq: 25 Oct 2021 10:37

Tgt Ion: 43 Resp: 2434197

Ion Ratio Lower Upper

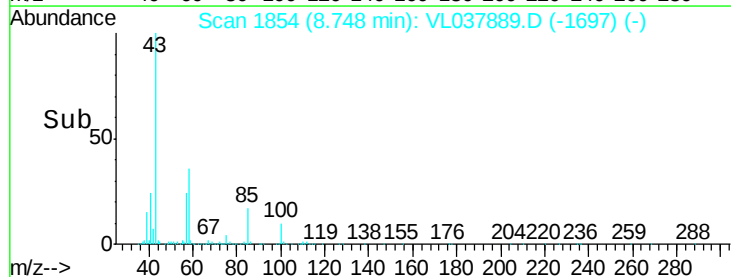
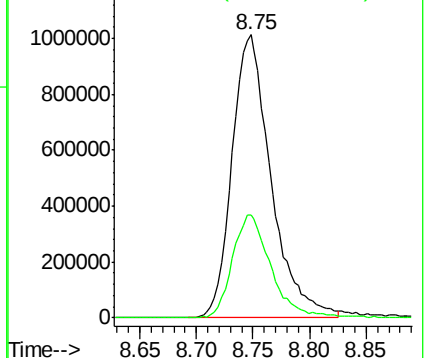
43 100

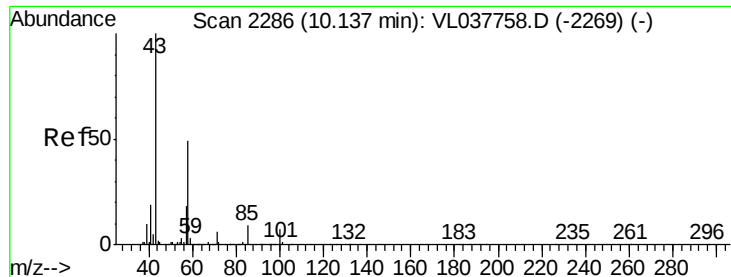
58 36.4 29.4 44.0



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

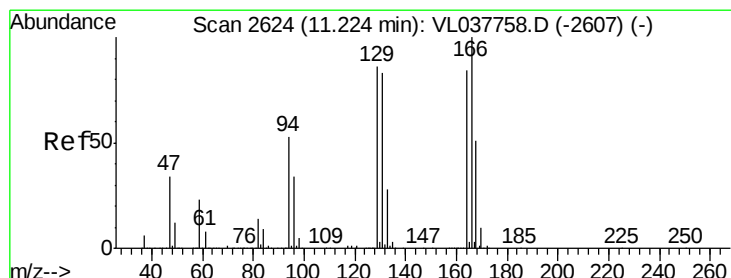
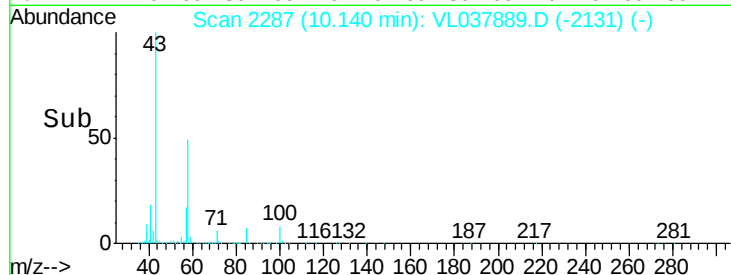
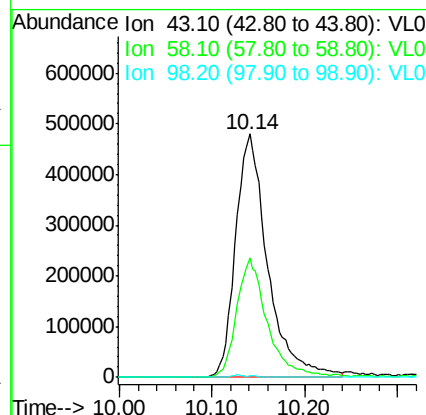
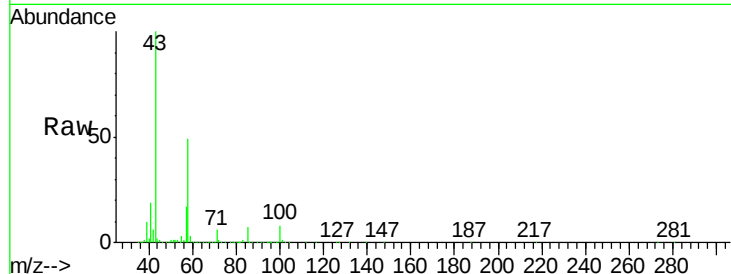




#51
2-Hexanone
Concen: 10.661 ppbv
RT: 10.14 min
Delta R.T.: 0.00 min
Lab File: VL037758.D
Acq: 25 Oct 2021 10:37

Tgt Ion: 43 Resp: 1154662

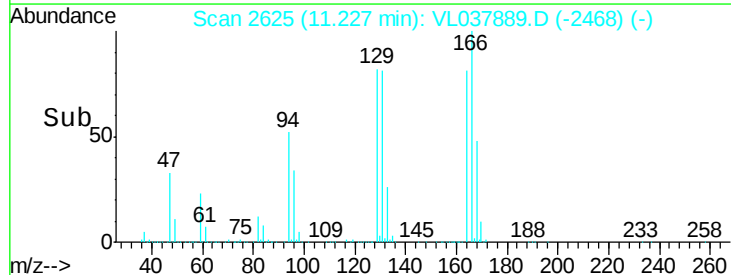
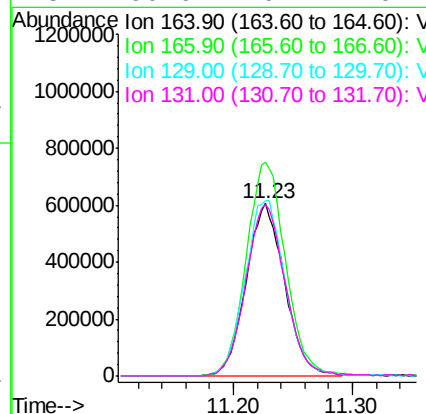
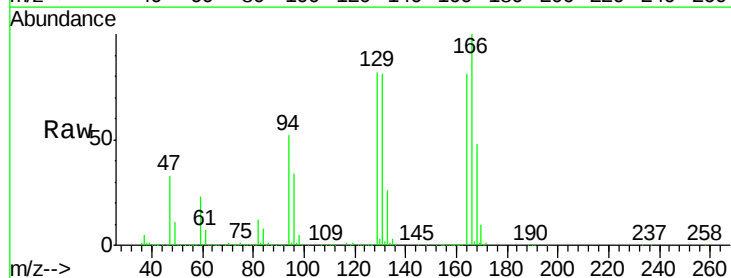
Ion	Ratio	Lower	Upper
43	100		
58	47.5	39.4	59.0
98	0.8	0.3	0.5#

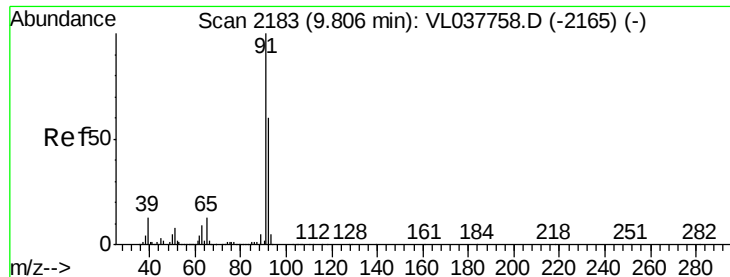


#52
Tetrachloroethene
Concen: 8.840 ppbv
RT: 11.23 min Scan# 2625
Delta R.T.: 0.00 min
Lab File: VL037889.D
Acq: 25 Oct 2021 10:37

Tgt Ion: 164 Resp: 1356045

Ion	Ratio	Lower	Upper
164	100		
166	124.0	95.4	143.2
129	101.8	82.2	123.4
131	99.9	79.4	119.2





#53

Toluene

Concen: 9.792 ppbv

RT: 9.81 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

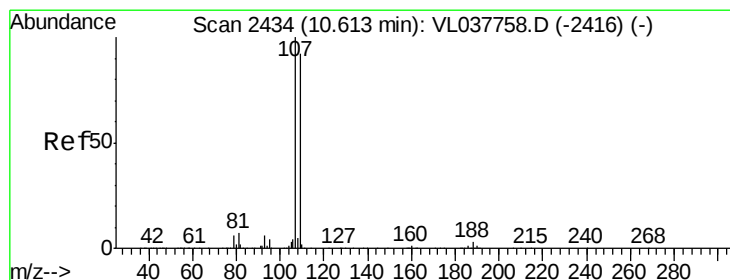
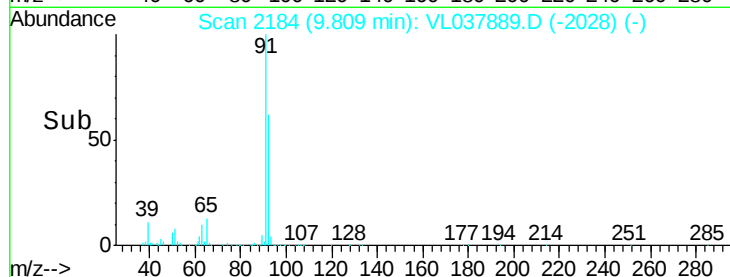
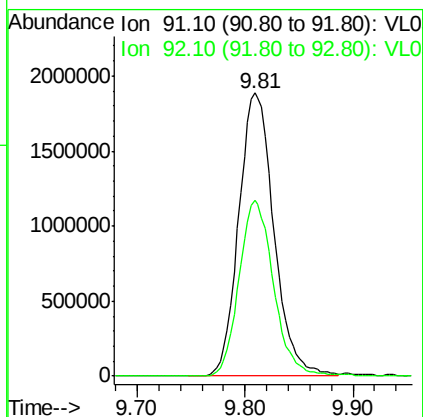
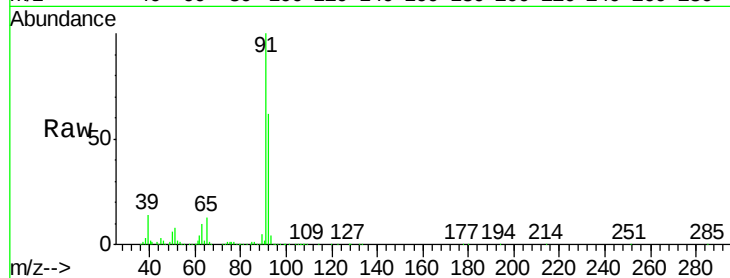
Acq: 25 Oct 2021 10:37 BFB

Tgt Ion: 91 Resp: 4278939

Ion Ratio Lower Upper

91 100

92 61.1 48.4 72.6



#54

1,2-Dibromoethane

Concen: 9.583 ppbv

RT: 10.61 min Scan# 2434

Delta R.T. -0.00 min

Lab File: VL037889.D

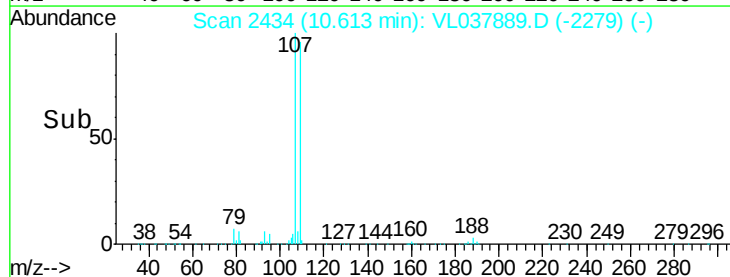
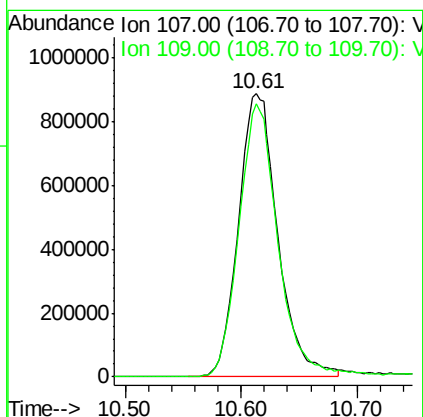
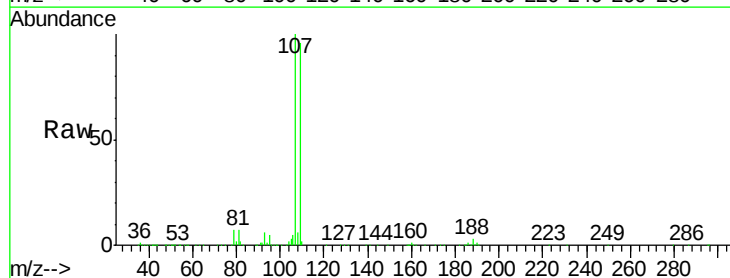
Acq: 25 Oct 2021 10:37

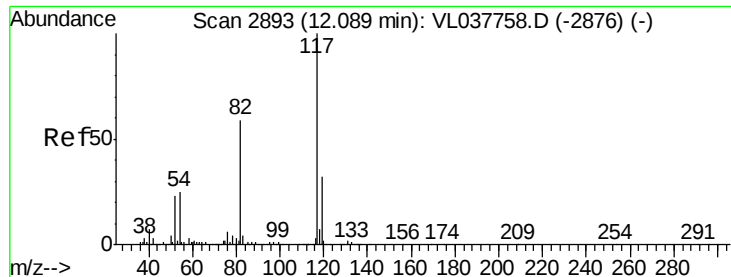
Tgt Ion: 107 Resp: 2086927

Ion Ratio Lower Upper

107 100

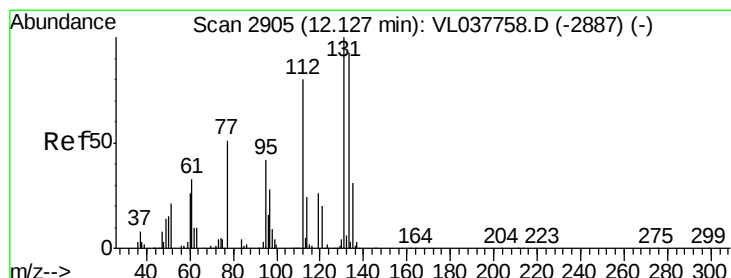
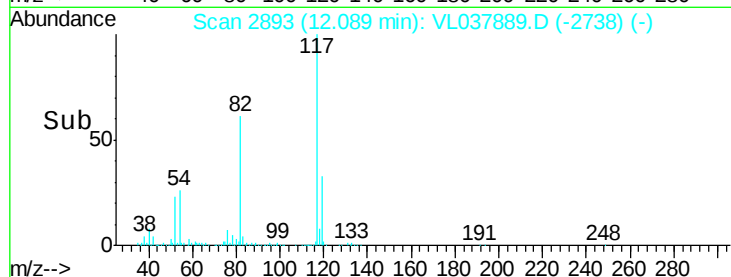
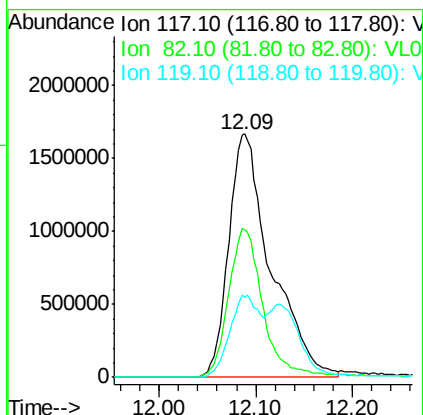
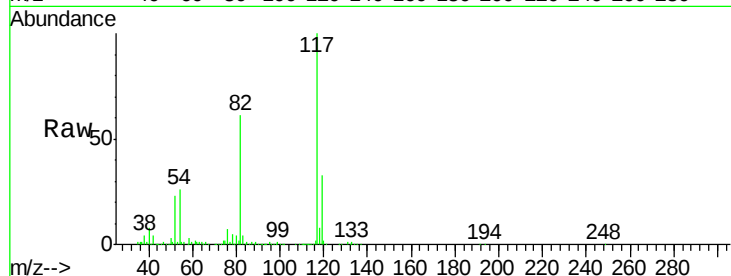
109 96.3 73.8 110.6





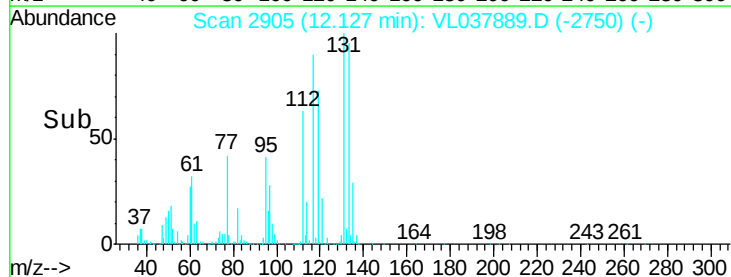
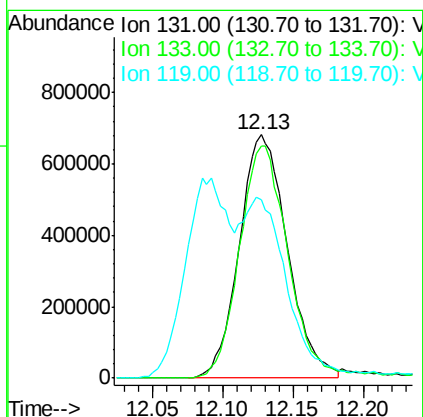
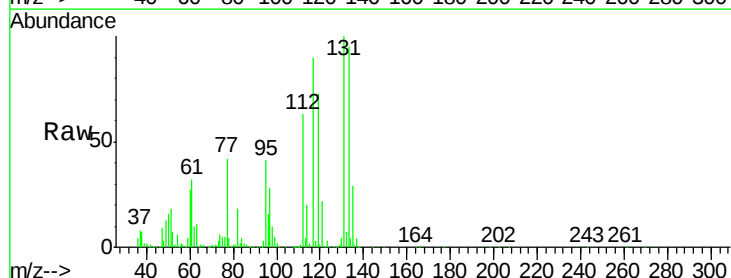
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.09 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 25 Oct 2021 10:37

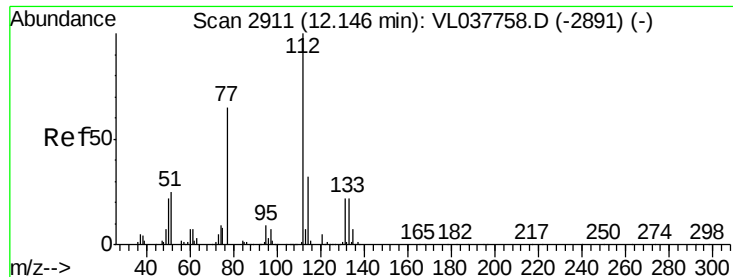
Tgt Ion:117 Resp: 5063489
Ion Ratio Lower Upper
117 100
82 51.6 52.2 78.2#
119 25.6 26.0 39.0#



#56
1,1,1,2-Tetrachloroethane
Concen: 7.726 ppbv
RT: 12.13 min Scan# 2905
Delta R.T.: -0.00 min
Lab File: VL037889.D
Acq: 25 Oct 2021 10:37

Tgt Ion:131 Resp: 1619533
Ion Ratio Lower Upper
131 100
133 99.5 78.5 117.7
119 67.0 51.7 77.5





#57

Chlorobenzene

Concen: 7.608 ppbv

RT: 12.15

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 25 Oct 2021 10:37

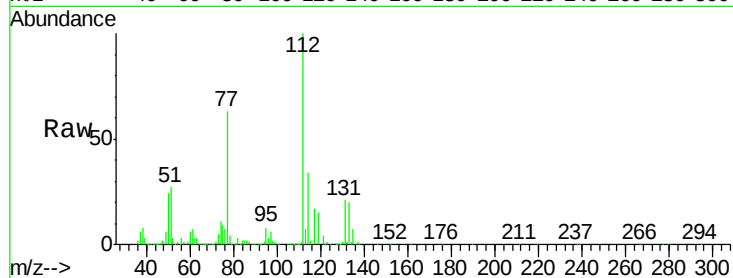
Tgt Ion: 112 Resp: 3160142

Ion Ratio Lower Upper

112 100

77 62.3 51.8 77.8

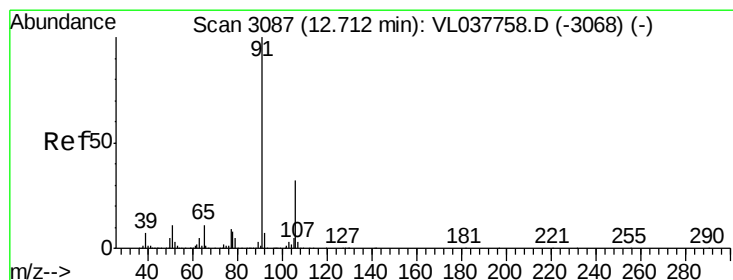
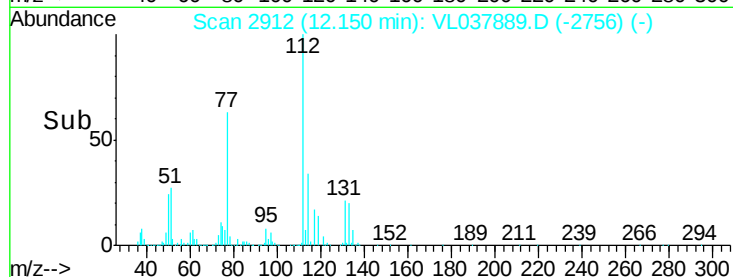
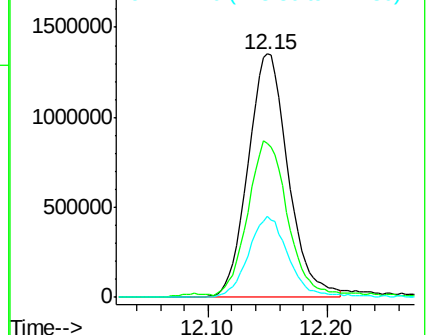
114 33.4 28.8 35.2



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: 8.075 ppbv

RT: 12.71 min Scan# 3087

Delta R.T. -0.00 min

Lab File: VL037889.D

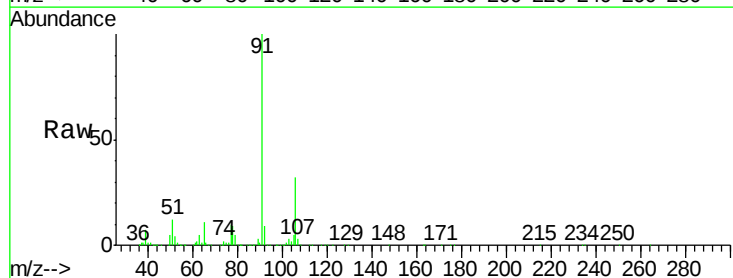
Acq: 25 Oct 2021 10:37

Tgt Ion: 91 Resp: 5490042

Ion Ratio Lower Upper

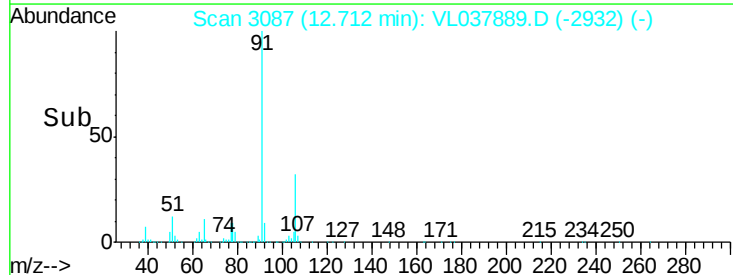
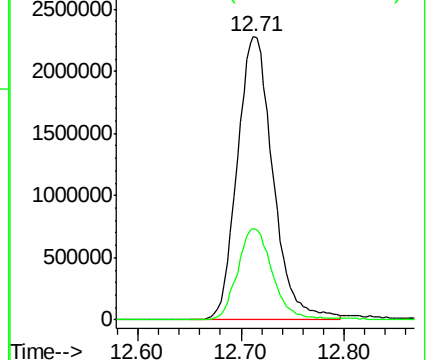
91 100

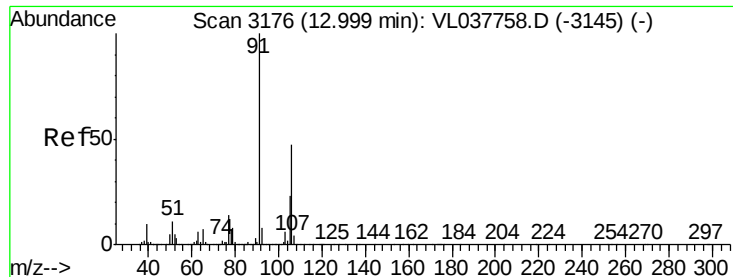
106 32.4 25.3 37.9



Abundance Ion 91.10 (90.80 to 91.80): VL0

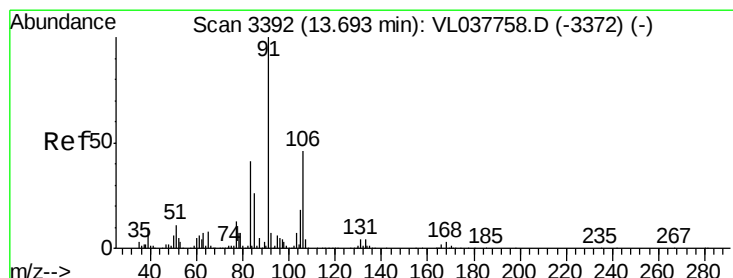
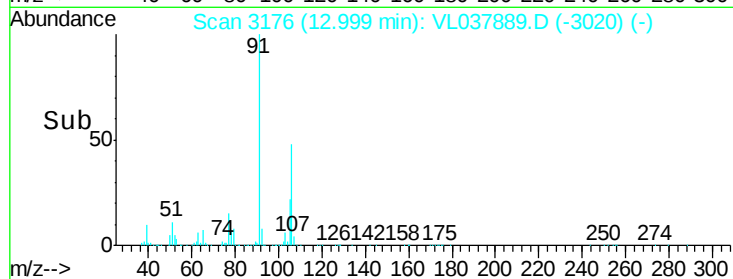
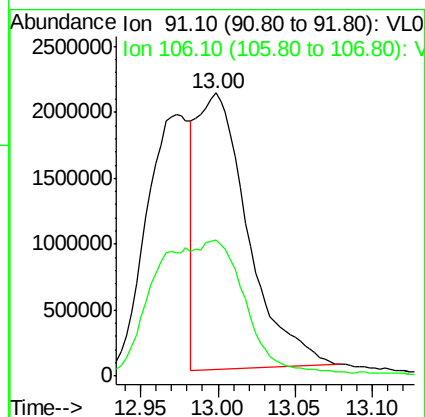
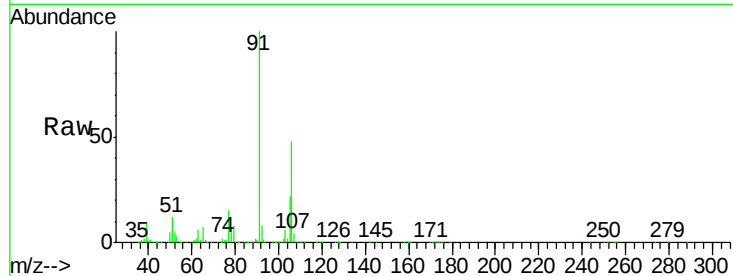
Ion 106.10 (105.80 to 106.80): V





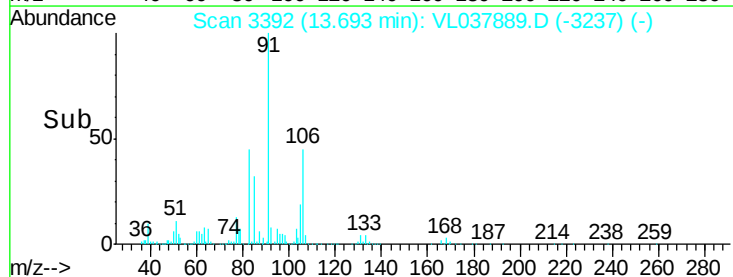
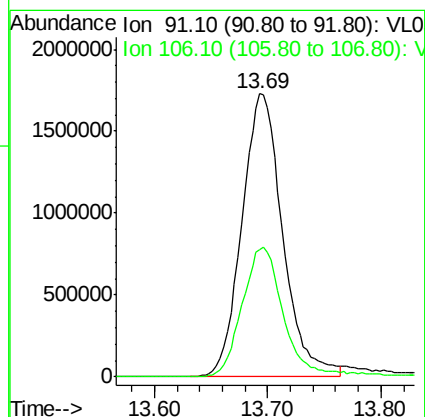
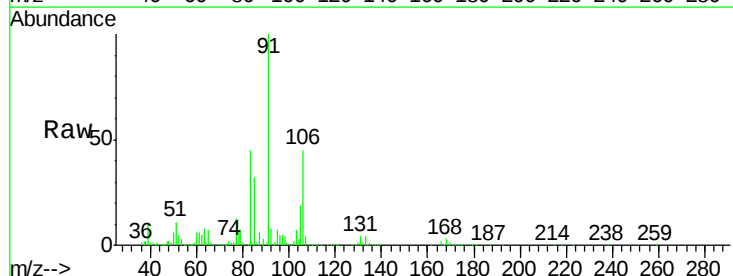
#59
m/p-Xylene
Concen: 8.238 ppbv
RT: 13.00
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 25 Oct 2021 10:37

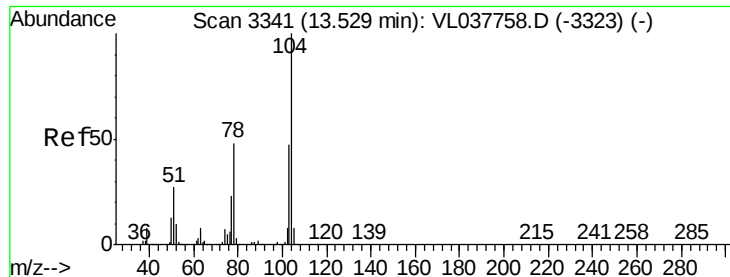
Tgt Ion: 91 Resp: 4807835
Ion Ratio Lower Upper
91 100
106 90.5 36.7 55.1#



#60
o-Xylene
Concen: 7.728 ppbv
RT: 13.69 min Scan# 3392
Delta R.T. -0.00 min
Lab File: VL037889.D
Acq: 25 Oct 2021 10:37

Tgt Ion: 91 Resp: 4322591
Ion Ratio Lower Upper
91 100
106 47.7 23.5 70.5





#61

Styrene

Concen: 8.818 ppbv

RT: 13.53

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 25 Oct 2021 10:37

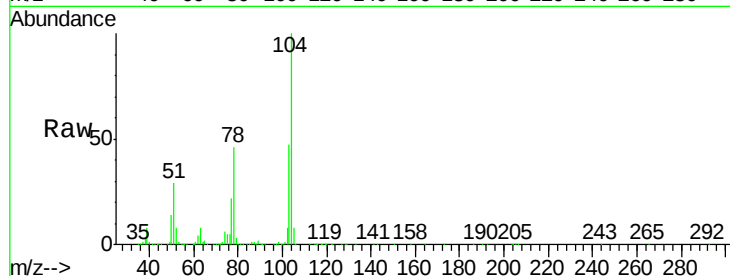
Tgt Ion:104 Resp: 2385630

Ion Ratio Lower Upper

104 100

78 50.4 40.6 61.0

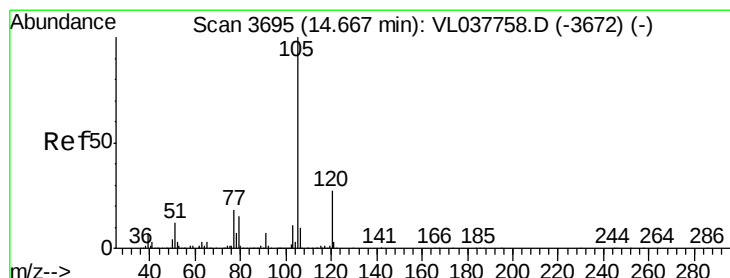
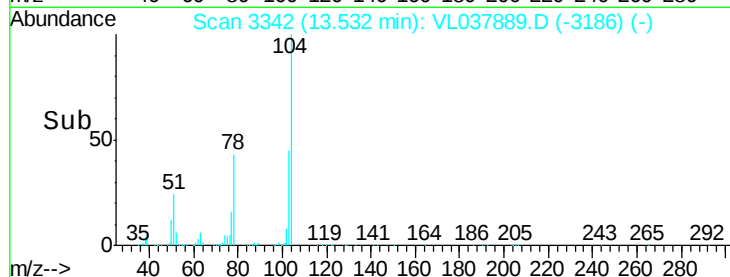
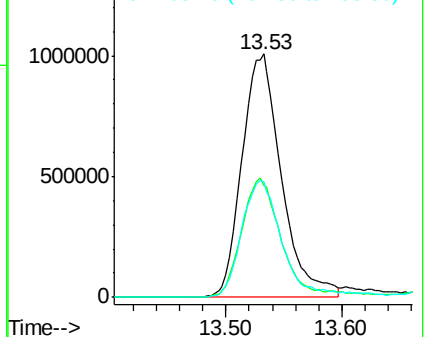
103 50.0 39.6 59.4



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: 7.627 ppbv

RT: 14.67 min Scan# 3695

Delta R.T. -0.00 min

Lab File: VL037889.D

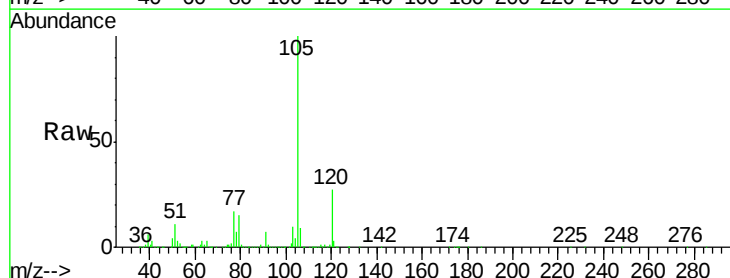
Acq: 25 Oct 2021 10:37

Tgt Ion:105 Resp: 5950103

Ion Ratio Lower Upper

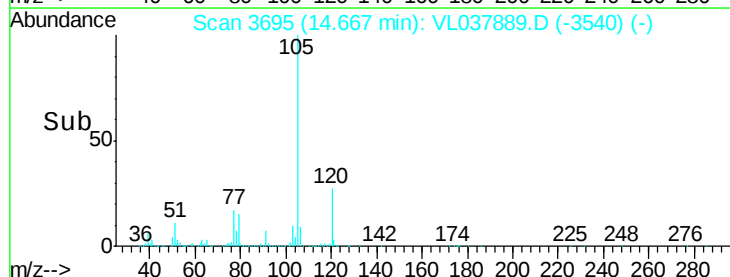
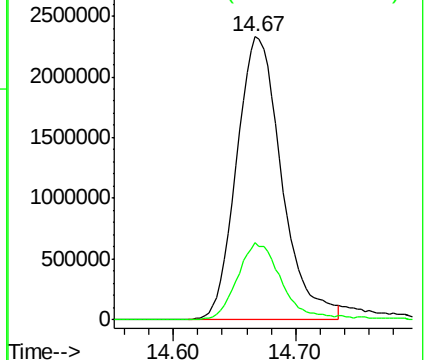
105 100

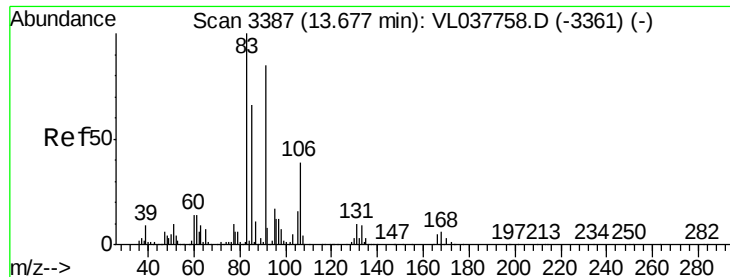
120 27.7 21.3 31.9



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: 7.323 ppbv

RT: 13.68

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 25 Oct 2021 10:37

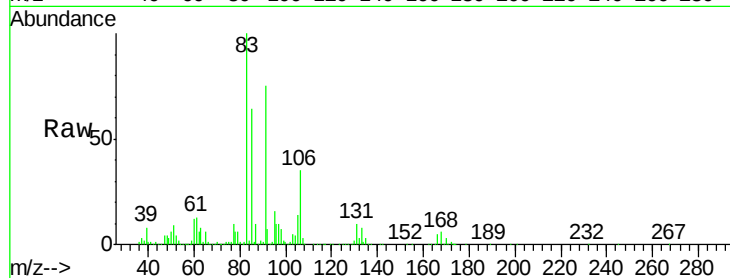
Tgt Ion: 83 Resp: 3160816

Ion Ratio Lower Upper

83 100

131 9.9 5.0 15.0

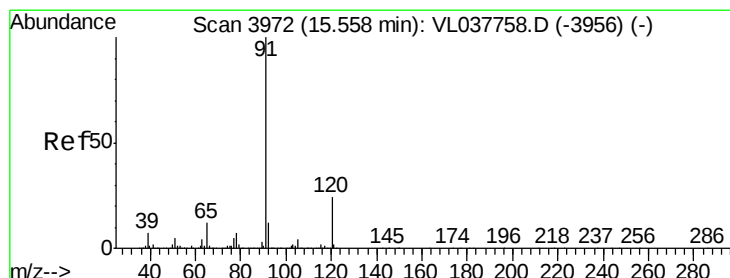
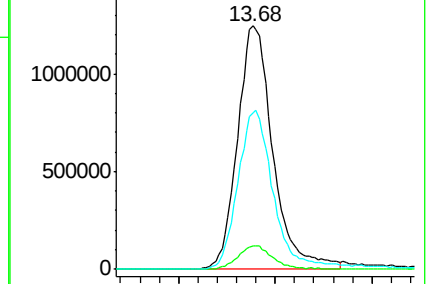
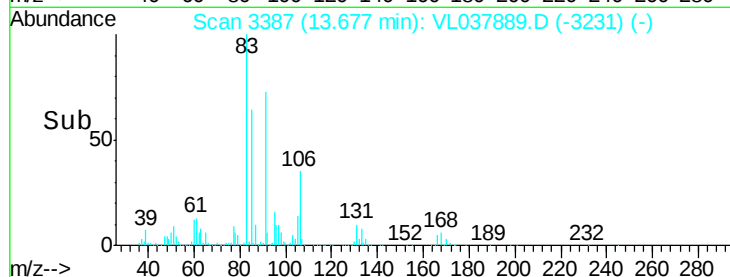
85 67.6 33.1 99.5



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: 8.291 ppbv

RT: 15.56 min Scan# 3974

Delta R.T. 0.01 min

Lab File: VL037889.D

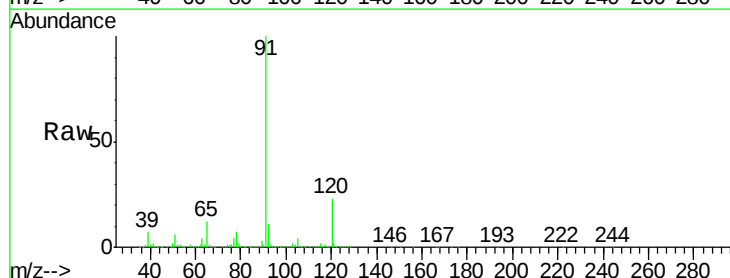
Acq: 25 Oct 2021 10:37

Tgt Ion: 120 Resp: 1612946

Ion Ratio Lower Upper

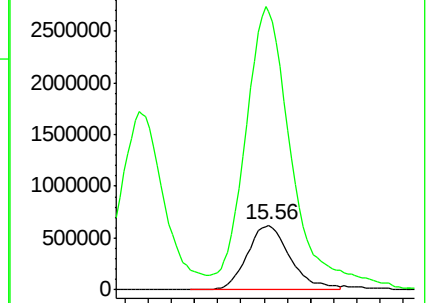
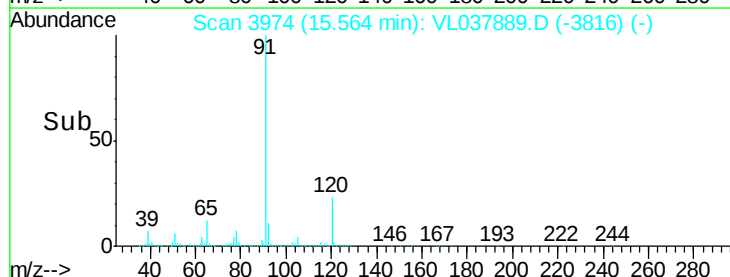
120 100

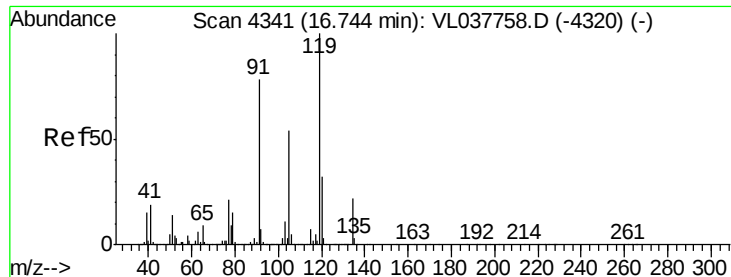
91 476.2 375.0 562.6



Abundance Ion 120.20 (119.90 to 120.90): VL0

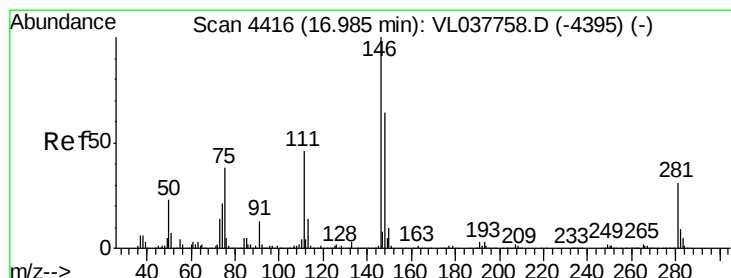
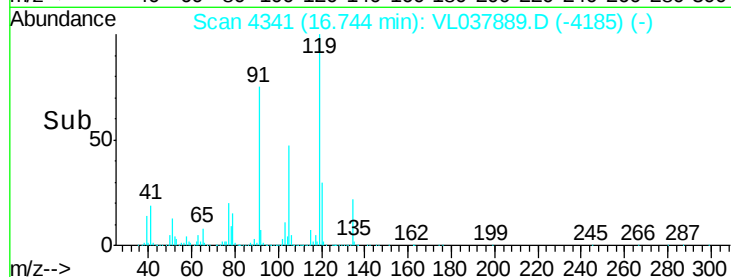
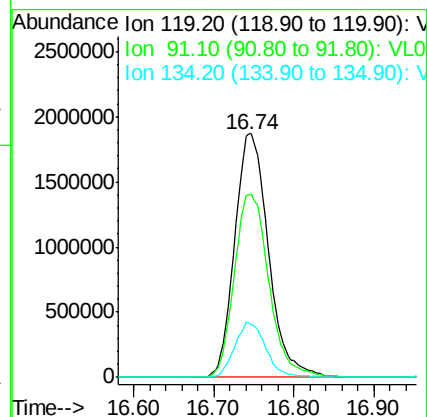
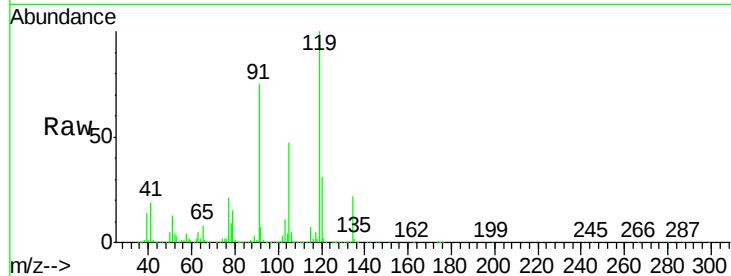
Ion 91.10 (90.80 to 91.80): VL0





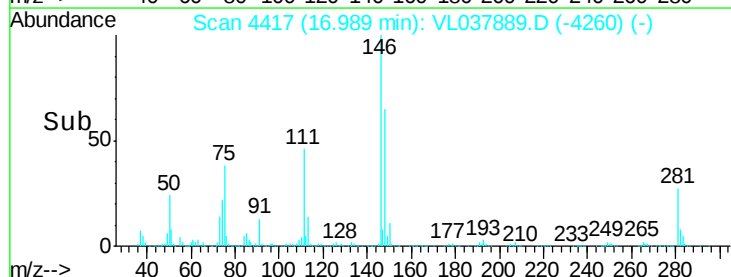
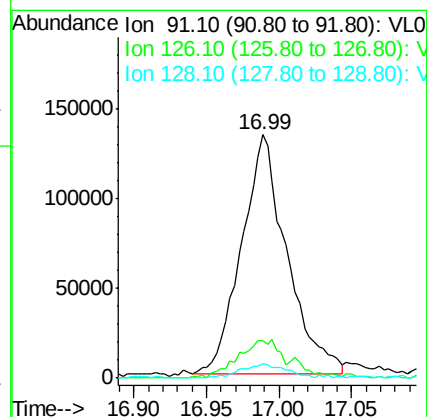
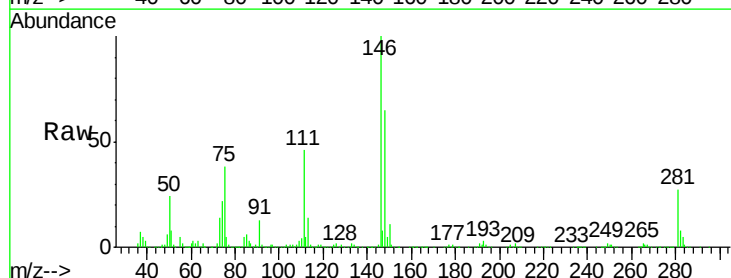
#65
 tert-Butylbenzene
 Concen: 7.786 ppbv
 RT: 16.74 min
 Delta R.T. 0.00 min
 Lab File: VL037758.D
 Acq: 25 Oct 2021 10:37

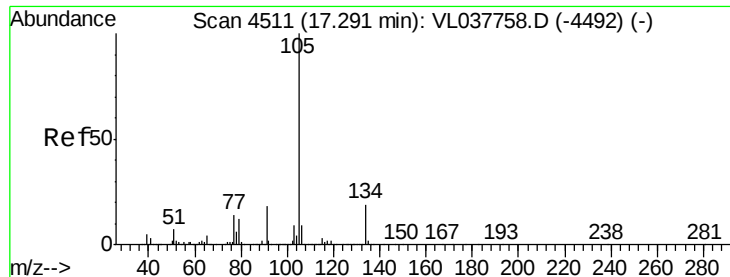
Tgt Ion:	119	Resp:	5345205
Ion	Ratio	Lower	Upper
119	100		
91	77.3	62.6	94.0
134	20.9	16.3	24.5



#66
 Benzyl Chloride
 Concen: 8.511 ppbv
 RT: 16.99 min Scan# 4417
 Delta R.T. 0.00 min
 Lab File: VL037889.D
 Acq: 25 Oct 2021 10:37

Tgt Ion:	91	Resp:	288356
Ion	Ratio	Lower	Upper
91	100		
126	19.0	0.0	0.0#
128	6.1	5.3	7.9





#67

sec-Butylbenzene

Concen: 7.987 ppbv

RT: 17.29

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

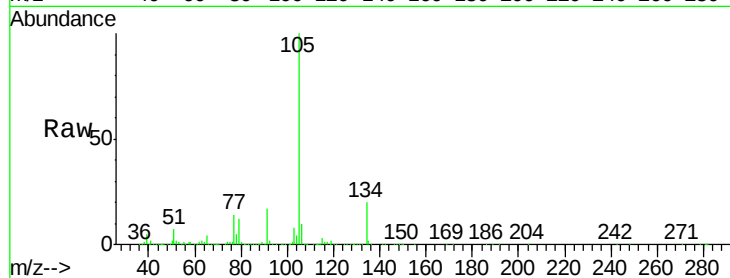
Acq: 25 Oct 2021 10:37

Tgt Ion: 105 Resp: 7499168

Ion Ratio Lower Upper

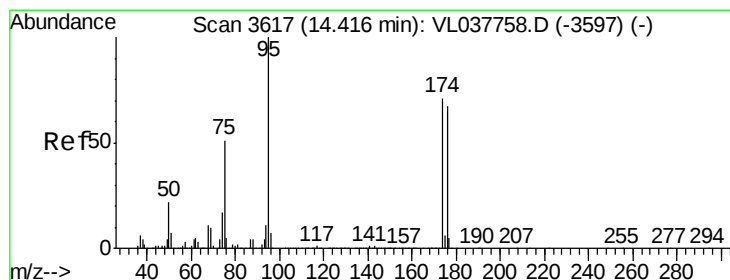
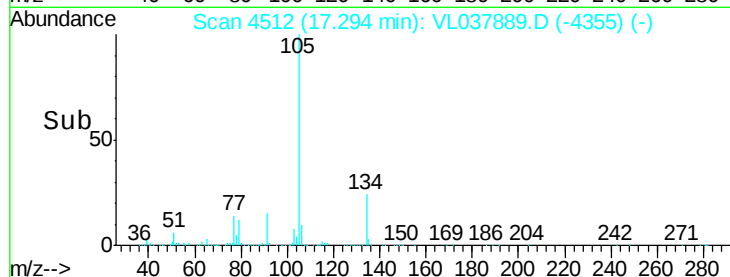
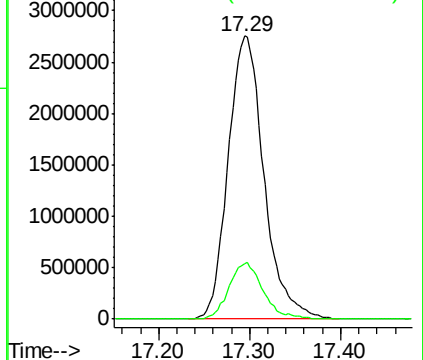
105 100

134 19.2 15.4 23.0



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 134.20 (133.90 to 134.90): V



#68

1-Bromo-4-Fluorobenzene

Concen: 8.076 ppbv

RT: 14.41 min Scan# 3616

Delta R.T. -0.00 min

Lab File: VL037889.D

Acq: 25 Oct 2021 10:37

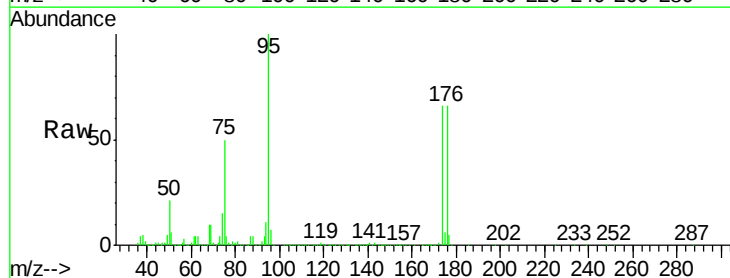
Tgt Ion: 95 Resp: 2859644

Ion Ratio Lower Upper

95 100

174 74.4 57.8 86.6

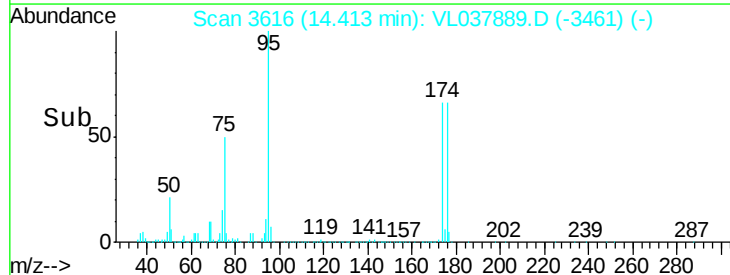
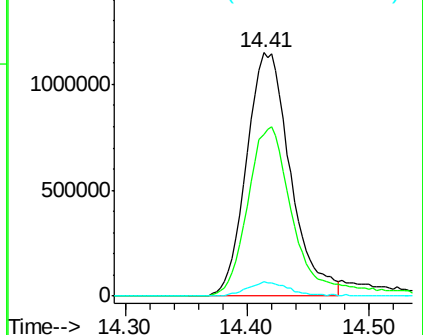
175 5.9 4.7 7.1

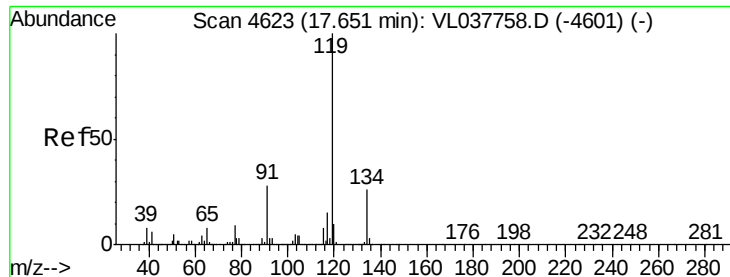


Abundance Ion 95.10 (94.80 to 95.80): VL0

Ion 174.00 (173.70 to 174.70): V

Ion 175.00 (174.70 to 175.70): V

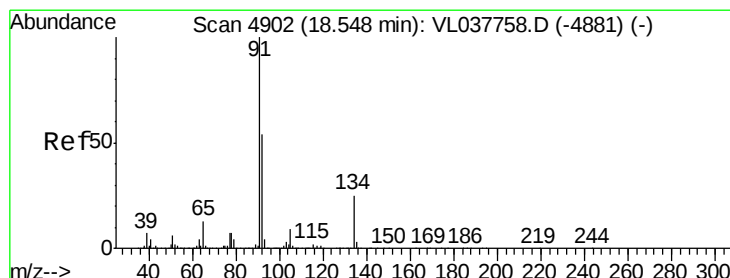
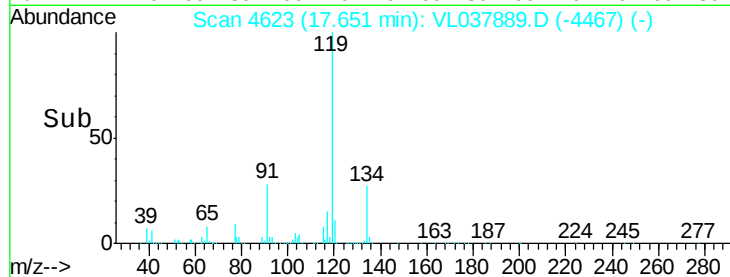
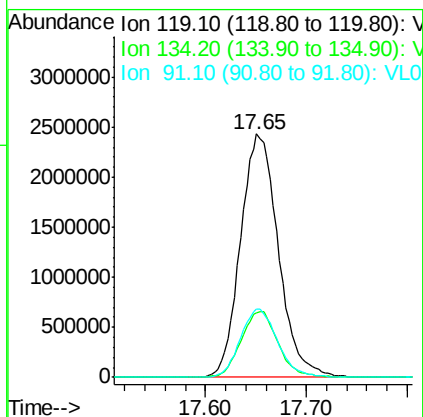
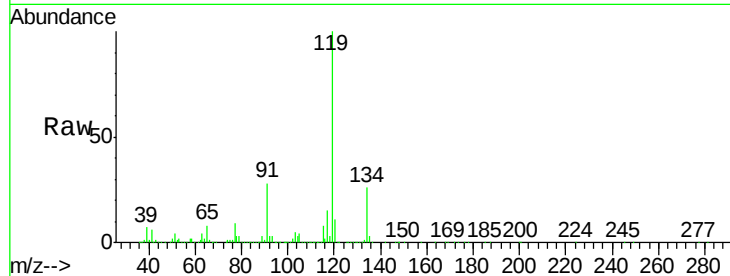




#69
 p-Isopropyltoluene
 Concen: 8.313 ppbv
 RT: 17.65 min
 Delta R.T.: 0.00 min
 Lab File: VL037889.D
 Acq: 25 Oct 2021 10:37

Tgt Ion: 119 Resp: 6310638

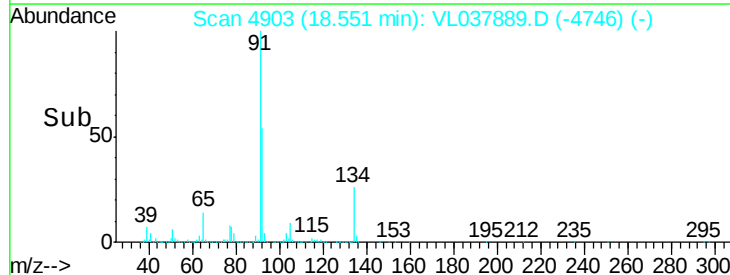
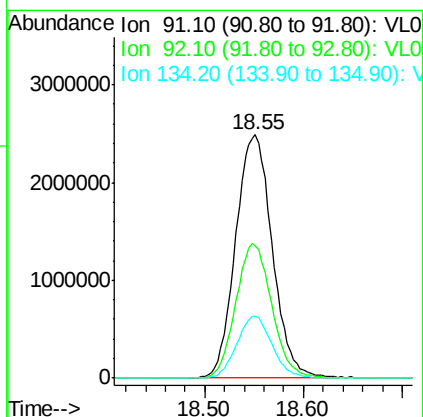
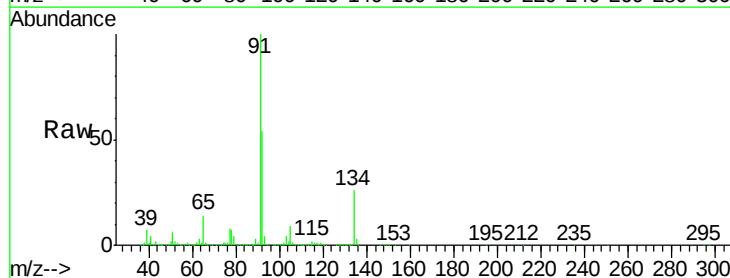
Ion	Ratio	Lower	Upper
119	100		
134	26.5	21.2	31.8
91	27.7	22.2	33.4

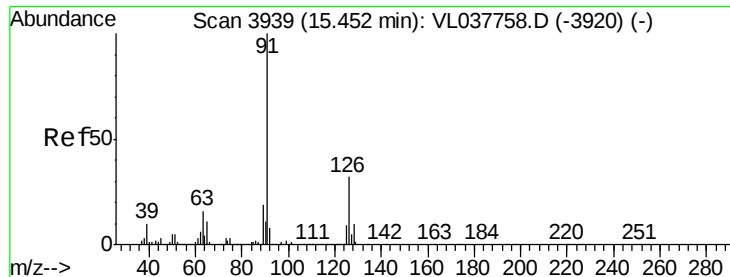


#70
 n-Butylbenzene
 Concen: 8.860 ppbv
 RT: 18.55 min Scan# 4903
 Delta R.T.: 0.00 min
 Lab File: VL037889.D
 Acq: 25 Oct 2021 10:37

Tgt Ion: 91 Resp: 6389396

Ion	Ratio	Lower	Upper
91	100		
92	54.8	43.4	65.0
134	24.6	19.8	29.6





#71

2-Chlorotoluene

Concen: 7.954 ppbv

RT: 15.45

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

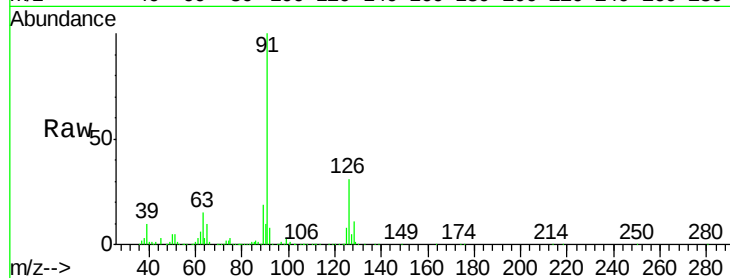
Acq: 25 Oct 2021 10:37

Tgt Ion: 91 Resp: 4381979

Ion Ratio Lower Upper

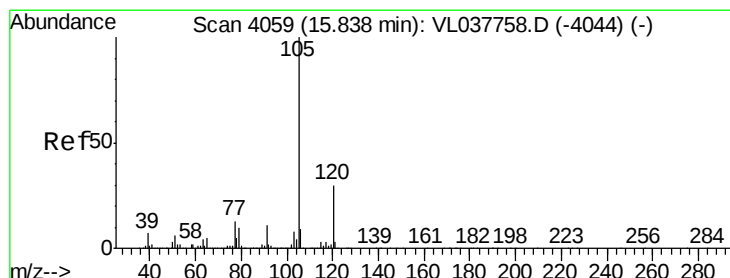
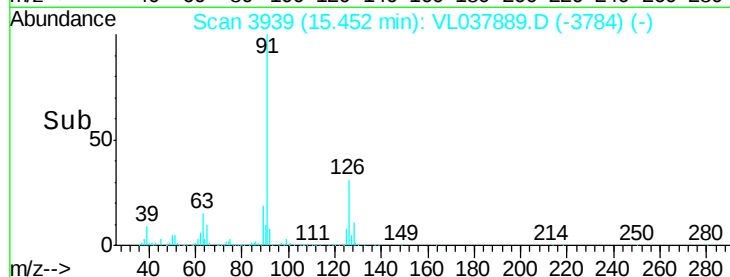
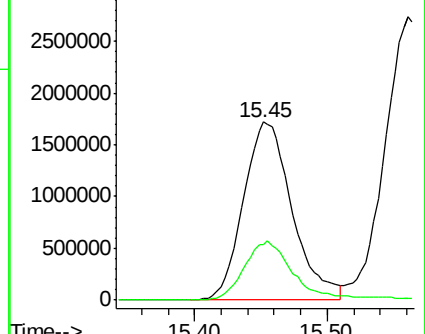
91 100

126 34.6 13.6 54.6



Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 126.10 (125.80 to 126.80): V



#72

4-Ethyltoluene

Concen: 8.241 ppbv

RT: 15.84 min Scan# 4060

Delta R.T. 0.00 min

Lab File: VL037889.D

Acq: 25 Oct 2021 10:37

Tgt Ion: 105 Resp: 5234115

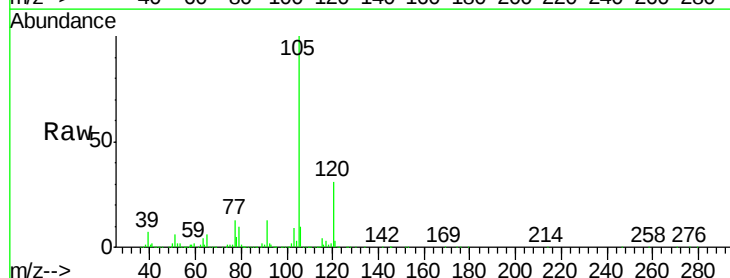
Ion Ratio Lower Upper

105 100

120 31.3 24.2 36.2

91 12.3 10.4 15.6

77 13.8 10.3 15.5

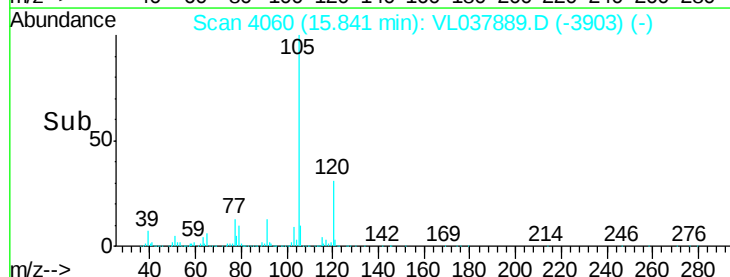
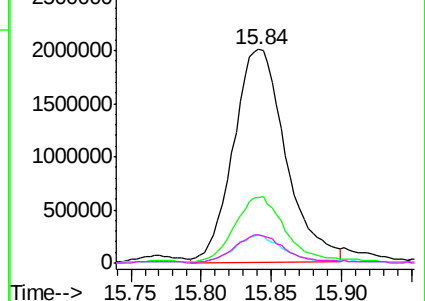


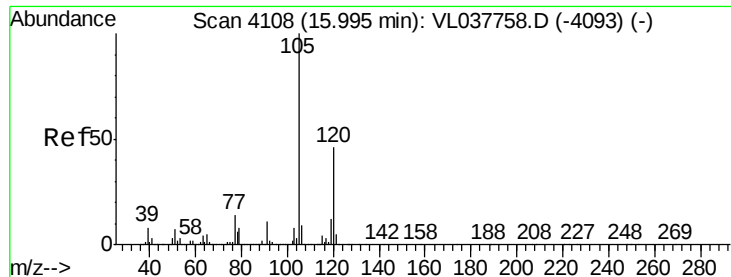
Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V

Ion 91.10 (90.80 to 91.80): VL0

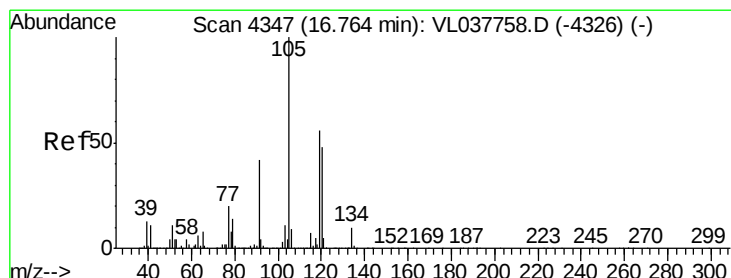
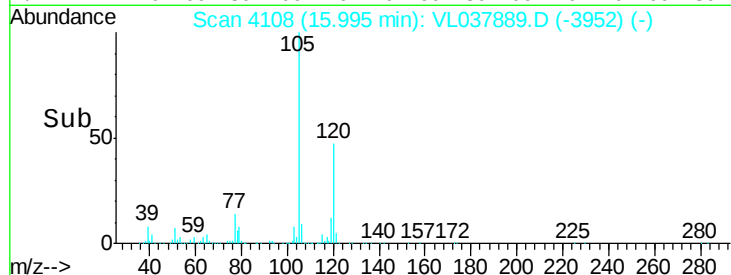
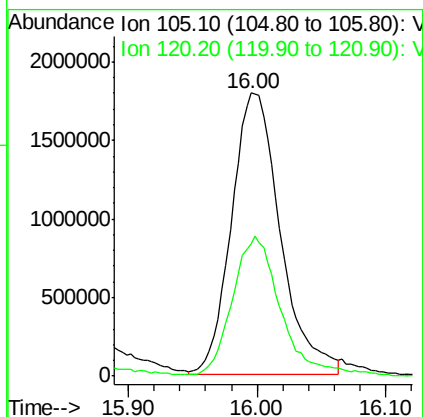
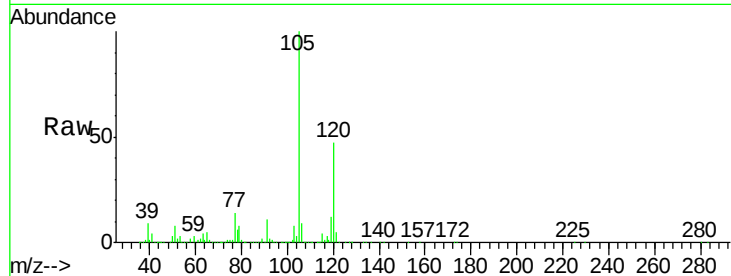
Ion 77.10 (76.80 to 77.80): VL0





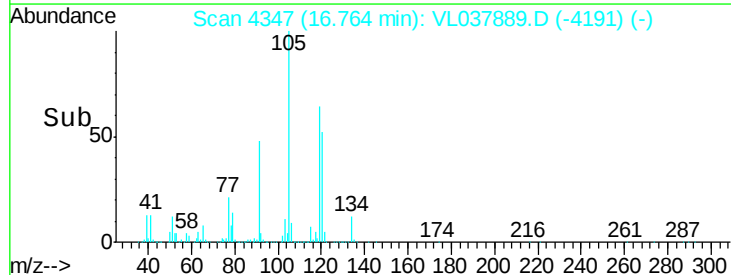
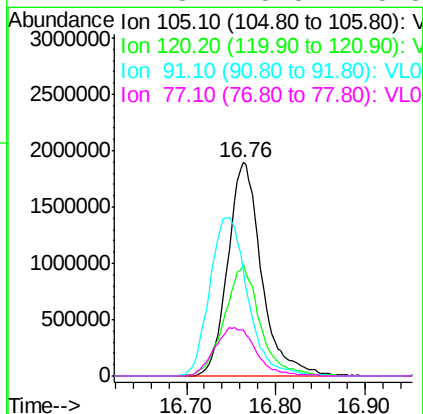
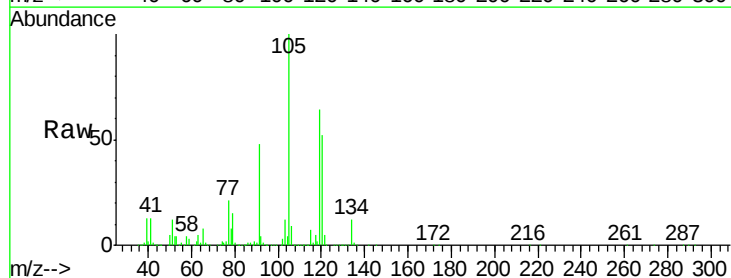
#73
 1,3,5-Trimethylbenzene
 Concen: 8.186 ppbv
 RT: 16.00
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 BFB
 Acq: 25 Oct 2021 10:37

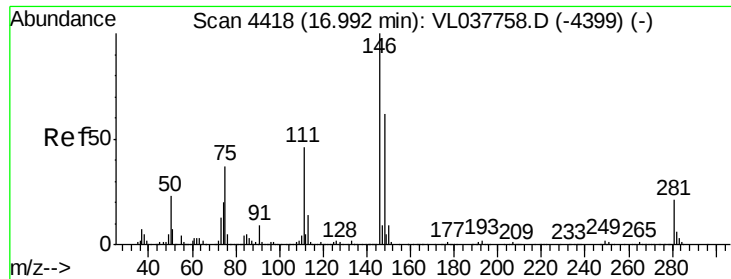
Tgt Ion:105 Resp: 4722284
 Ion Ratio Lower Upper
 105 100
 120 47.1 36.6 54.8



#74
 1,2,4-Trimethylbenzene
 Concen: 8.188 ppbv
 RT: 16.76 min Scan# 4347
 Delta R.T. -0.00 min
 Lab File: VL037889.D
 Acq: 25 Oct 2021 10:37

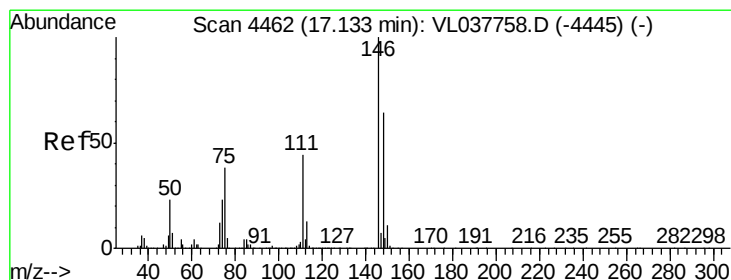
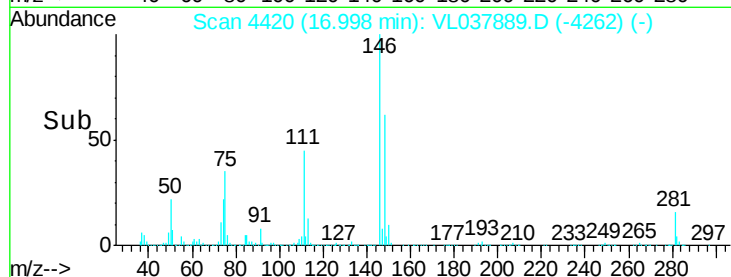
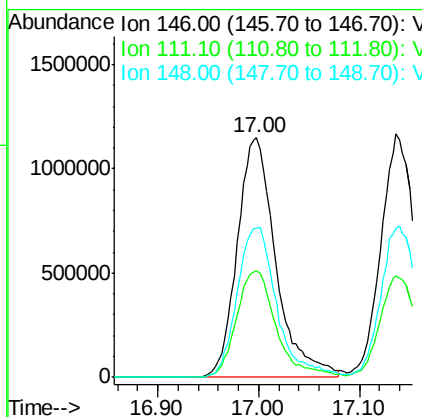
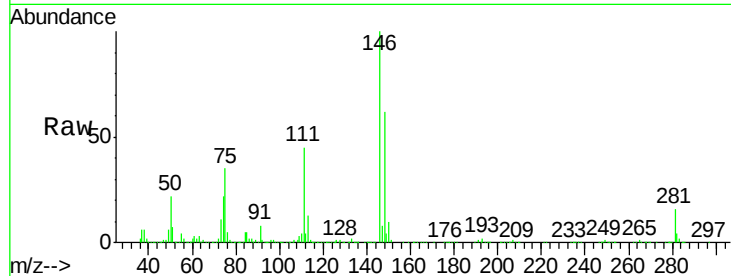
Tgt Ion:105 Resp: 4960143
 Ion Ratio Lower Upper
 105 100
 120 52.2 38.4 57.6
 91 48.2 34.2 51.2
 77 21.3 15.8 23.8





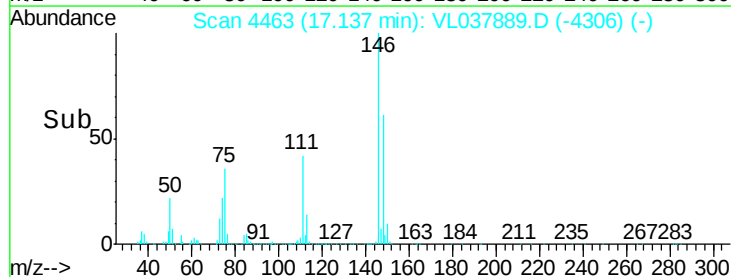
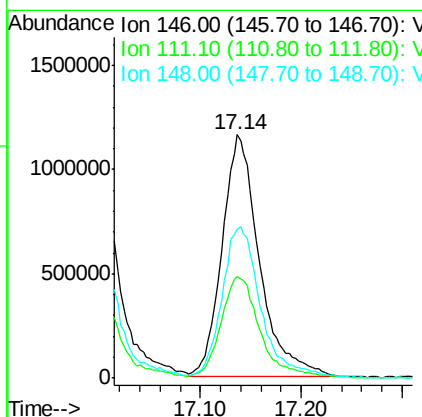
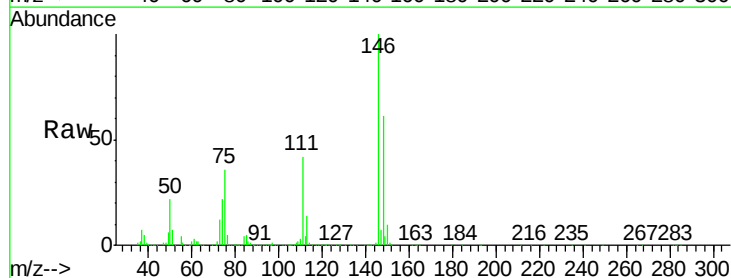
#75
 1,3-Dichlorobenzene
 Concen: 8.132 ppbv
 RT: 17.00 min
 Delta R.T. 0.00 min
 Lab File: VL037889.D
 Acq: 25 Oct 2021 10:37

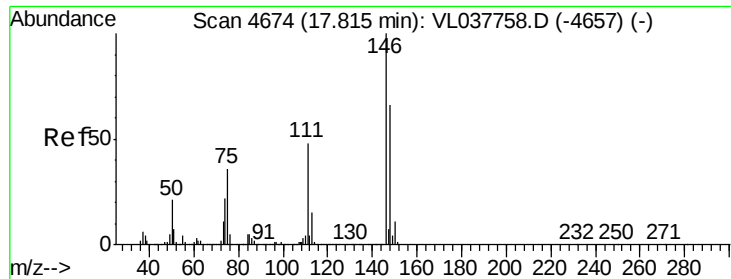
Tgt Ion: 146 Resp: 3051980
 Ion Ratio Lower Upper
 146 100
 111 45.9 22.8 68.4
 148 64.2 32.8 98.3



#76
 1,4-Dichlorobenzene
 Concen: 8.354 ppbv
 RT: 17.14 min Scan# 4463
 Delta R.T. 0.00 min
 Lab File: VL037889.D
 Acq: 25 Oct 2021 10:37

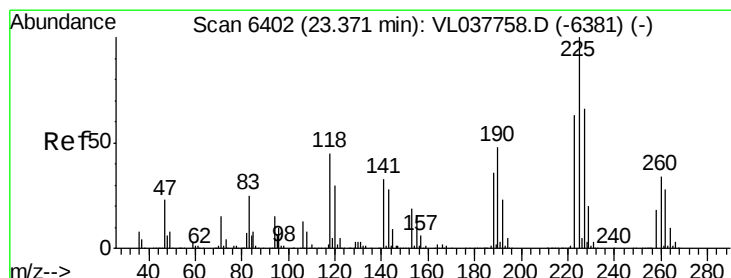
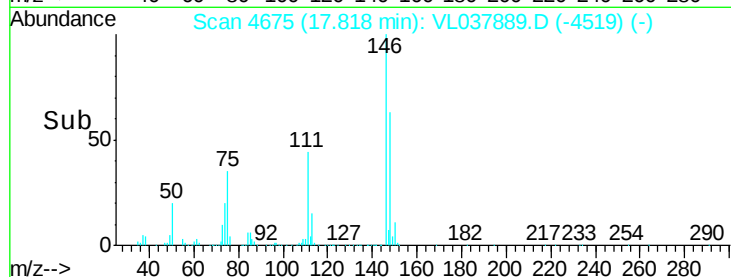
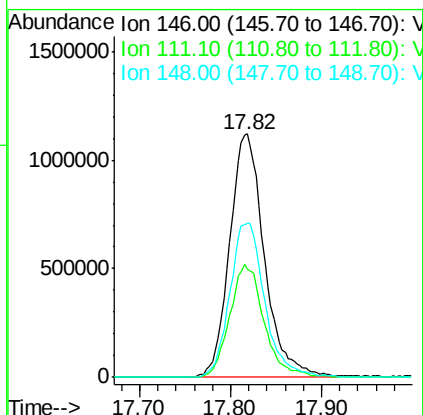
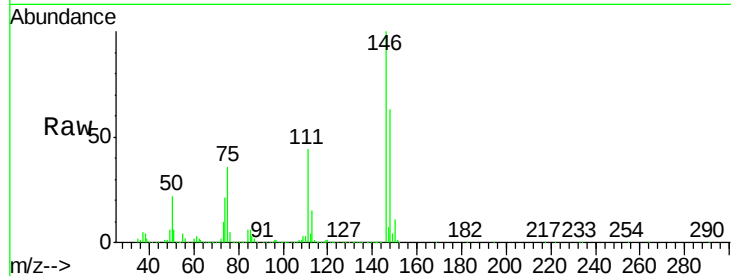
Tgt Ion: 146 Resp: 2991128
 Ion Ratio Lower Upper
 146 100
 111 44.1 22.4 67.3
 148 65.1 33.3 99.9





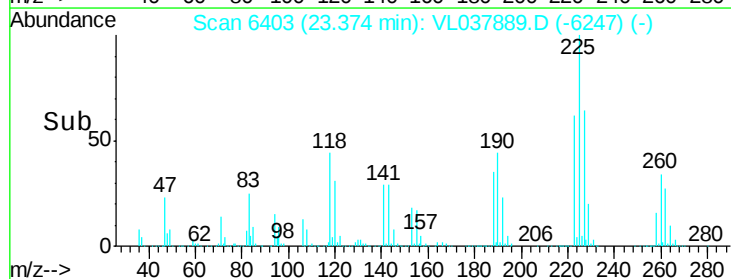
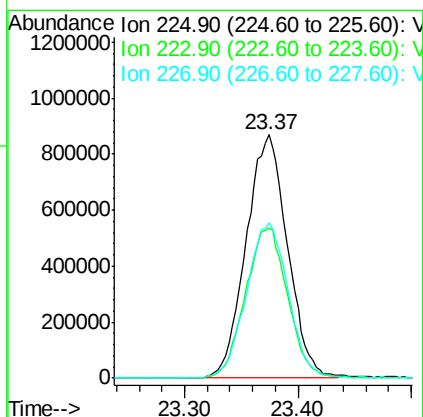
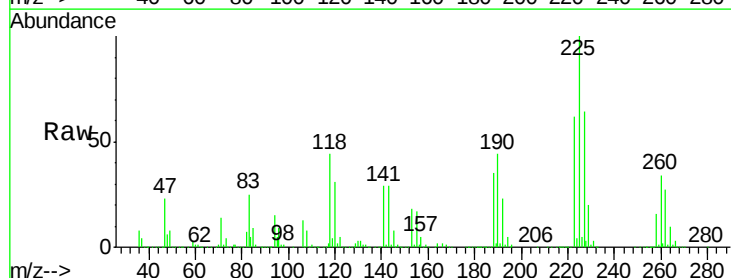
#77
 1,2-Dichlorobenzene
 Concen: 8.206 ppbv
 RT: 17.82
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 BFB
 Acq: 25 Oct 2021 10:37

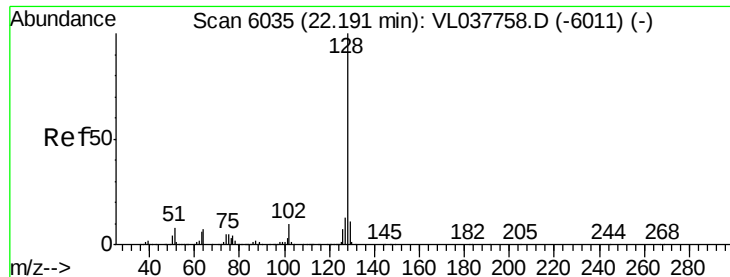
Tgt Ion:146 Resp: 2958729
 Ion Ratio Lower Upper
 146 100
 111 45.9 23.6 70.8
 148 63.9 32.9 98.6



#78
 Hexachloro-1,3-Butadiene
 Concen: 7.508 ppbv
 RT: 23.37 min Scan# 6403
 Delta R.T. 0.00 min
 Lab File: VL037889.D
 Acq: 25 Oct 2021 10:37

Tgt Ion:225 Resp: 2210326
 Ion Ratio Lower Upper
 225 100
 223 63.3 51.2 76.8
 227 64.2 51.1 76.7





#79

Naphthalene

Concen: 10.075 ppbv

RT: 22.19 min

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 25 Oct 2021 10:37

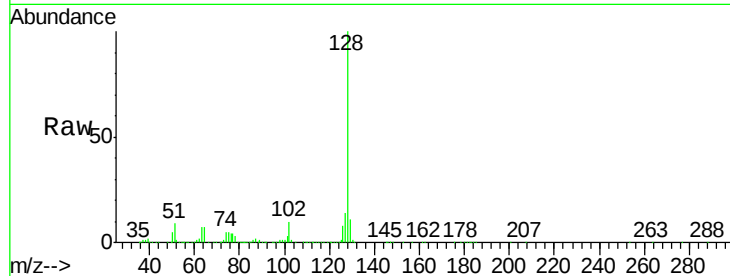
Tgt Ion:128 Resp: 3737924

Ion Ratio Lower Upper

128 100

127 14.3 10.1 15.1

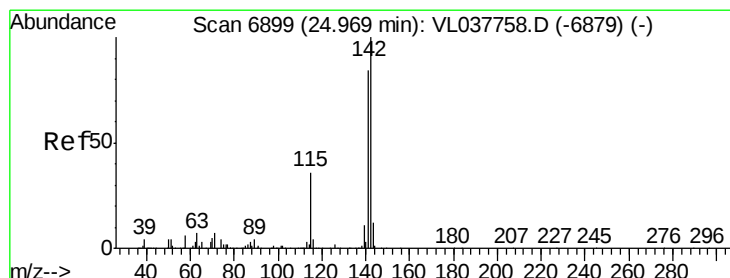
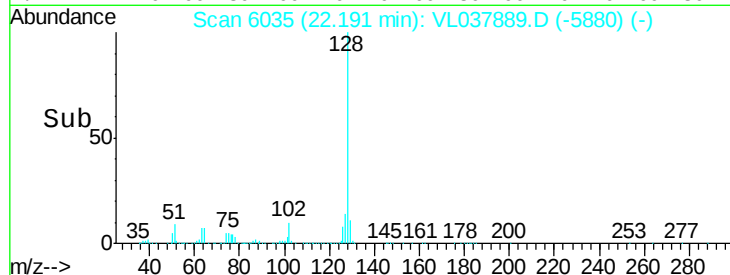
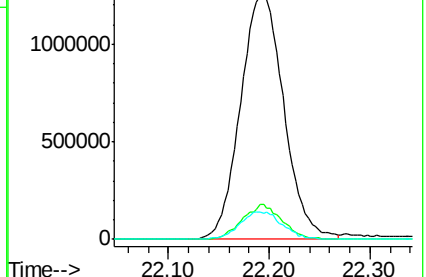
129 11.0 9.1 13.7



Abundance Ion 128.10 (127.80 to 128.80): V

Ion 127.10 (126.80 to 127.80): V

Ion 129.10 (128.80 to 129.80): V



#80

Naphthalene, 2-methyl-

Concen: 9.714 ppbv

RT: 24.97 min Scan# 6899

Delta R.T. -0.00 min

Lab File: VL037889.D

Acq: 25 Oct 2021 10:37

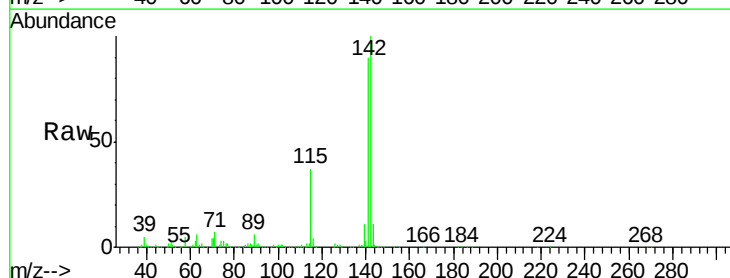
Tgt Ion:142 Resp: 967726

Ion Ratio Lower Upper

142 100

141 81.9 68.6 102.8

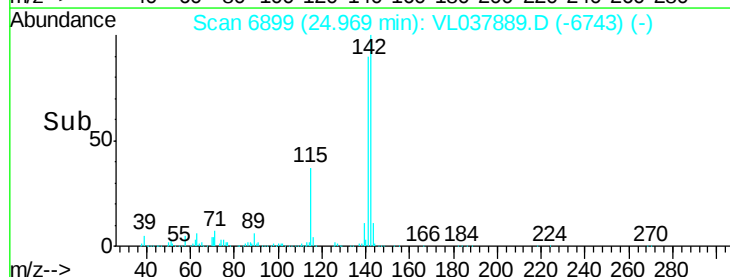
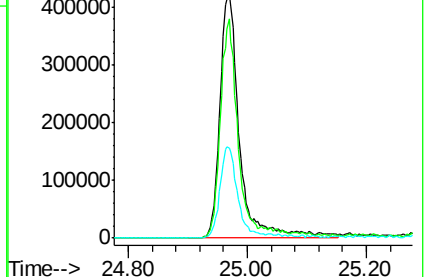
115 36.0 29.0 43.6

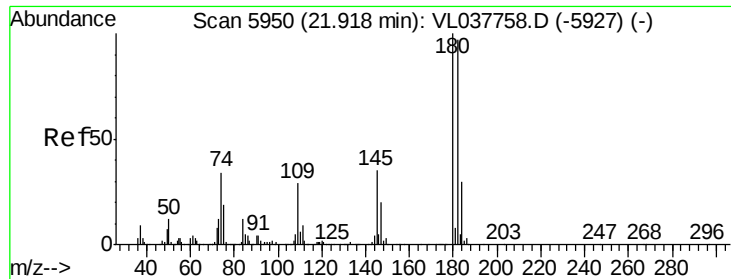


Abundance Ion 142.00 (141.70 to 142.70): V

Ion 141.00 (140.70 to 141.70): V

Ion 115.00 (114.70 to 115.70): V





#81
 1,2,4-Trichlorobenzene
 Concen: 9.475 ppbv
 RT: 21.92
 Delta R.T: MSVOA_L
 Lab File: ClientSampleId :
 BFB
 Acq: 25 Oct 2021 10:37

Tgt Ion:180 Resp: 2248436
 Ion Ratio Lower Upper
 180 100
 182 97.1 77.6 116.4
 184 31.3 25.0 37.4

