

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL030822\
 Data File : VL038568.D
 Acq On : 9 Mar 2022 3:19
 Operator : SY/AP
 Sample : VL0308ABS01
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Mar 09 07:37:41 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL030822AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue Mar 08 21:18:44 2022
 QLast Update : Tue Mar 08 21:18:44 2022
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	871599	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.16	114	2274351	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.07	117	2681819	10.00	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.40	95	1699178	8.33	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	83.30%

Target Compounds					Ovalue
2) Dichlorodifluoromethane	3.05	85	1039923	7.899	ppbv 98
3) Chlorodifluoromethane	2.99	51	1404277	9.137	ppbv 100
4) Chloromethane	3.14	50	534135	9.376	ppbv 98
5) Vinyl Chloride	3.25	62	525578	9.191	ppbv 99
6) Bromomethane	3.47	94	299878	9.770	ppbv 96
7) Chloroethane	3.55	64	179189	9.678	ppbv 98
8) Dichlorotetrafluoroethane	3.19	85	1227820	9.621	ppbv 99
9) Propene	3.01	41	500971	9.238	ppbv 100
10) Heptane	8.11	43	1298114	10.006	ppbv 98
11) Trichlorofluoromethane	3.94	101	1118490	9.690	ppbv 98
12) 1,1,2-Trichlorotrifluoroet	4.48	101	874699	9.747	ppbv 99
13) Ethanol	3.60	45	32250	5.177	ppbv 74
14) Bromoethene	3.74	108	379625	9.928	ppbv 98
15) Acetone	3.84	43	569370	9.261	ppbv 99
16) 1,3-Butadiene	3.32	39	486572	9.849	ppbv 97
17) tert-Butyl alcohol	4.28	59	617729	9.248	ppbv 99
18) 1,1-Dichloroethene	4.29	96	386481	9.623	ppbv 100
19) Isopropyl Alcohol	3.96	45	361580	8.808	ppbv # 96
20) Methylene Chloride	4.34	84	322184	8.708	ppbv 95
21) Allyl Chloride	4.40	41	579577	9.781	ppbv 99
22) trans-1,2-Dichloroethene	4.88	96	414956	9.856	ppbv 98
23) Vinyl Acetate	5.06	43	864018	9.804	ppbv 99
24) 1,1-Dichloroethane	5.00	63	777846	9.705	ppbv 98
25) Ethyl Acetate	5.67	43	2020484	9.759	ppbv 100
26) Hexane	5.68	57	948710	9.757	ppbv 100
27) Carbon Disulfide	4.54	76	1021867	10.552	ppbv 99
28) Methyl tert-Butyl Ether	5.02	73	747387	9.444	ppbv 98
29) Chloroform	5.74	83	1450307	9.585	ppbv 98
30) Cyclohexane	7.12	84	805704	9.581	ppbv 99
31) cis-1,2-Dichloroethene	5.54	61	901895	9.697	ppbv 99
32) 1,1,1-Trichloroethane	6.50	97	1374377	9.366	ppbv 100
34) 2-Butanone	5.23	43	624626	10.595	ppbv 100
35) Carbon Tetrachloride	7.01	117	1459801	9.410	ppbv 98
36) Benzene	6.88	78	1991958	9.706	ppbv 100
37) 1,2-Dichloroethane	6.29	62	967753	9.867	ppbv 100
38) Trichloroethene	7.82	130	758623	9.253	ppbv 99
39) 1,2-Dichloropropane	7.60	63	774787	9.816	ppbv 98
40) 1,4-Dioxane	7.82	88	186654	9.449	ppbv 91
41) Tetrahydrofuran	6.04	42	468833	9.721	ppbv 99
42) Bromodichloromethane	7.78	83	1532919	9.857	ppbv 99
43) Methyl Methacrylate	8.00	69	731812	10.388	ppbv 98

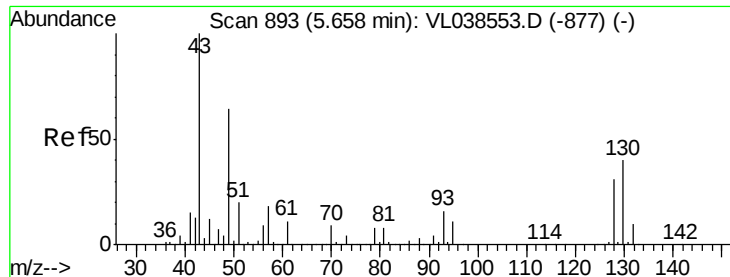
Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL030822\
 Data File : VL038568.D
 Acq On : 9 Mar 2022 3:19
 Operator : SY/AP
 Sample : VL0308ABS01
 Misc : 400mL/MSVOA L
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Instrument :
 MSVOA_L
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Quant Time: Mar 09 07:37:41 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL030822AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue Mar 08 21:18:44 2022
 QLast Update : Tue Mar 08 21:18:44 2022
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,2,4-Trimethylpentane	7.86	57	3319916	9.567	ppbv	100
45) t-1,3-Dichloropropene	9.26	75	571334	11.253	ppbv	98
46) cis-1,3-Dichloropropene	8.69	75	760493	10.955	ppbv	99
47) 1,1,2-Trichloroethane	9.46	97	805153	10.009	ppbv	97
48) Dibromochloromethane	10.29	129	1349651	10.567	ppbv	100
49) Bromoform	13.03	173	1062209	10.857	ppbv	99
50) 4-Methyl-2-Pentanone	8.73	43	1241679	10.275	ppbv	99
51) 2-Hexanone	10.12	43	547788	10.727	ppbv #	99
52) Tetrachloroethene	11.21	164	708286	9.415	ppbv	98
53) Toluene	9.79	91	2276076	10.389	ppbv	100
54) 1,2-Dibromoethane	10.60	107	1160564	10.097	ppbv	99
56) 1,1,1,2-Tetrachloroethane	12.11	131	860488	7.877	ppbv	99
57) Chlorobenzene	12.13	112	1601805	7.823	ppbv	99
58) Ethyl Benzene	12.70	91	2853244	8.217	ppbv	100
59) m/p-Xylene	12.98	91	2676209	9.003	ppbv #	45
60) o-Xylene	13.68	91	2250134	8.016	ppbv	99
61) Styrene	13.51	104	1218955	8.813	ppbv	99
62) Isopropylbenzene	14.65	105	3079777	7.952	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.66	83	1693593	7.141	ppbv	99
64) n-propylbenzene	15.55	120	827667	8.385	ppbv	99
65) tert-Butylbenzene	16.73	119	2791206	8.059	ppbv	99
66) Benzyl Chloride	16.97	91	199690	9.730	ppbv	99
67) sec-Butylbenzene	17.28	105	4053099	8.233	ppbv	100
69) p-Isopropyltoluene	17.64	119	3428880	8.408	ppbv	99
70) n-Butylbenzene	18.53	91	3677160	8.466	ppbv	100
71) 2-Chlorotoluene	15.44	91	2325195	8.085	ppbv	98
72) 4-Ethyltoluene	15.82	105	2801963	8.690	ppbv	98
73) 1,3,5-Trimethylbenzene	15.98	105	2475104	8.269	ppbv	100
74) 1,2,4-Trimethylbenzene	16.75	105	2603664	8.143	ppbv	94
75) 1,3-Dichlorobenzene	16.98	146	1704433	8.449	ppbv	100
76) 1,4-Dichlorobenzene	17.12	146	1662036	8.317	ppbv	99
77) 1,2-Dichlorobenzene	17.80	146	1704108	8.349	ppbv	99
78) Hexachloro-1,3-Butadiene	23.36	225	1513944	7.605	ppbv	100
79) Naphthalene	22.18	128	2989241	10.392	ppbv	99
80) Naphthalene, 2-methyl-	24.96	142	552499	10.882	ppbv	97
81) 1,2,4-Trichlorobenzene	21.91	180	1650191	8.978	ppbv	100

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



#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.66 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 9 Mar 2022 3:19

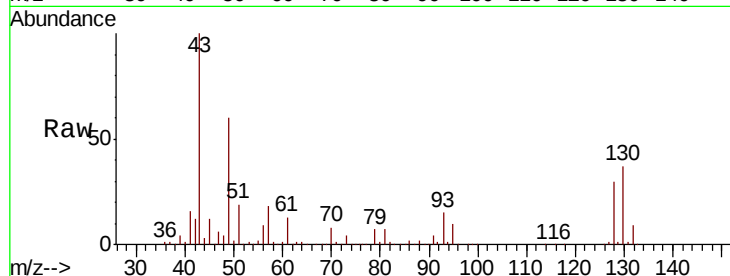
Tot Ion: 49 Resp: 871599

Ion Ratio Lower Upper

49 100

128 53.5 26.4 79.2

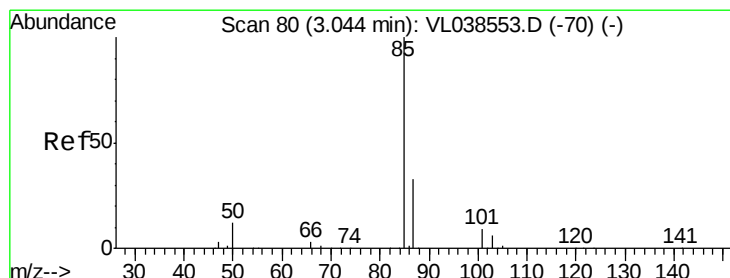
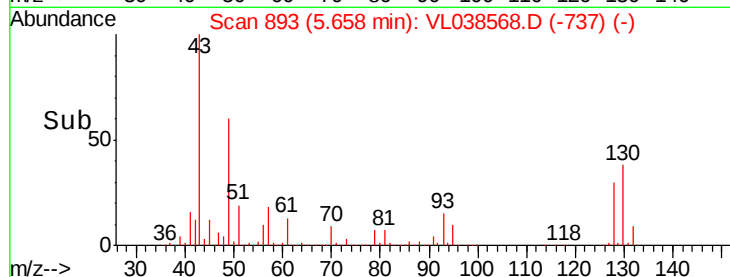
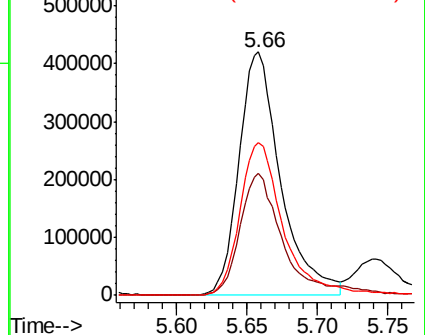
130 66.4 33.0 98.9



Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): V

Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 7.899 ppbv

RT: 3.05 min Scan# 81

Delta R.T. 0.00 min

Lab File: VL038568.D

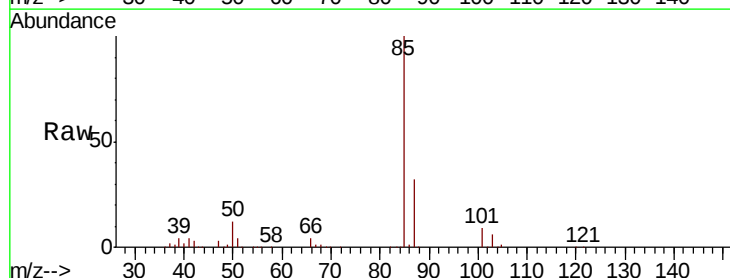
Acq: 9 Mar 2022 3:19

Tgt Ion: 85 Resp: 1039923

Ion Ratio Lower Upper

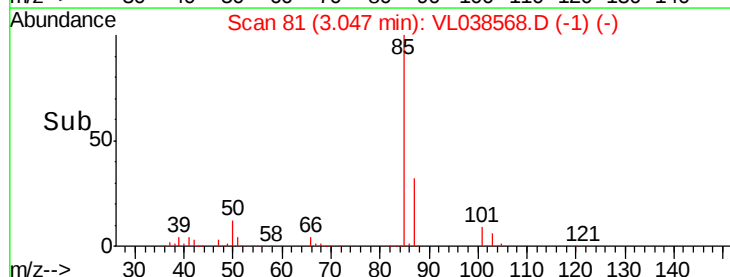
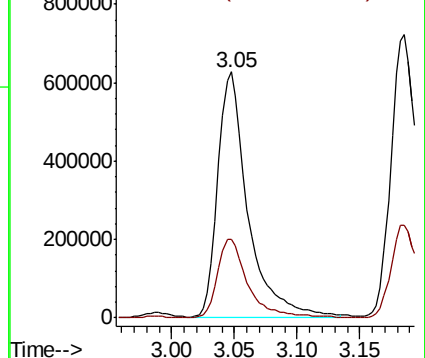
85 100

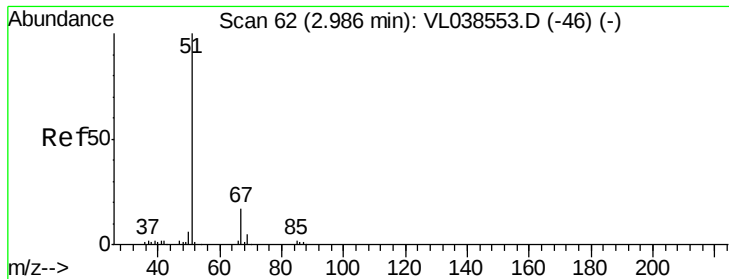
87 31.7 26.2 39.2



Abundance Ion 85.00 (84.70 to 85.70): VL0

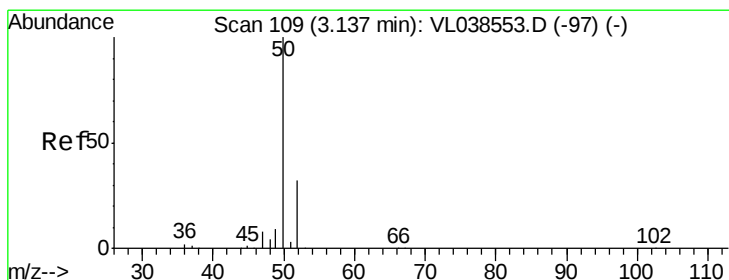
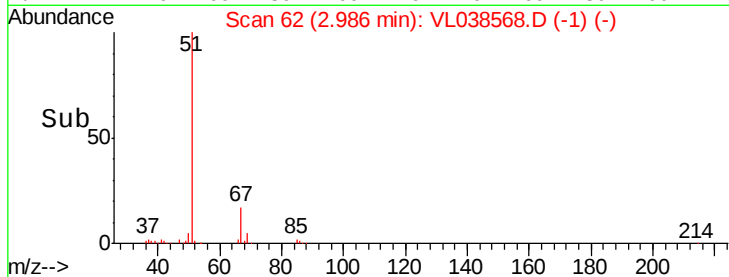
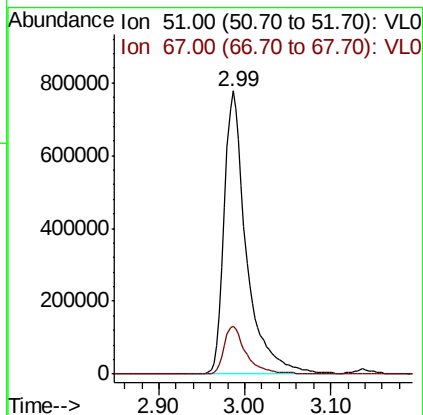
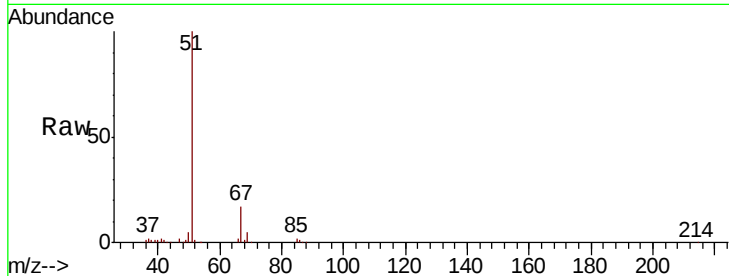
Ion 87.00 (86.70 to 87.70): VL0





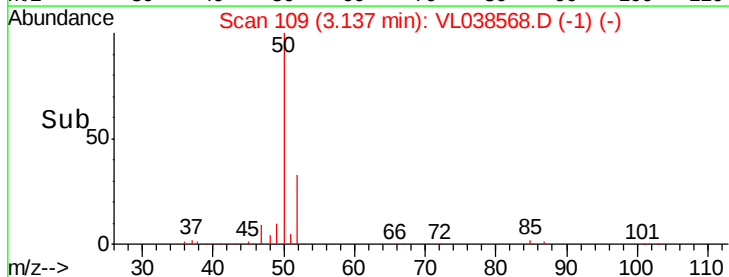
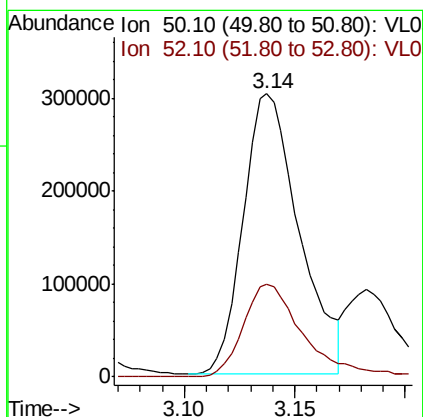
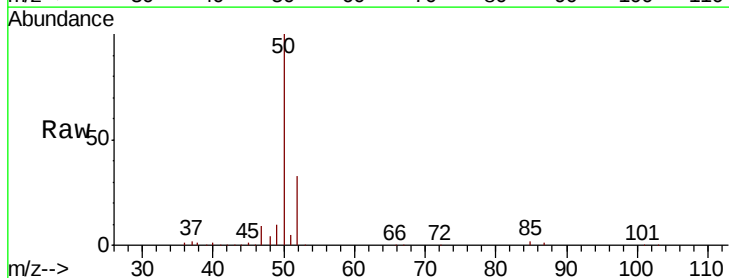
#3
 Chlorodifluoromethane
 Concen: 9.137 ppbv
 RT: 2.99 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 Acq: 9 Mar 2022 3:19

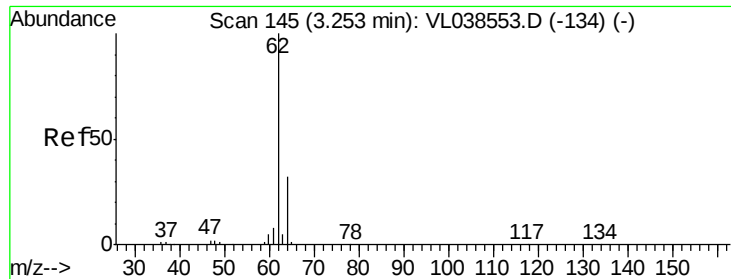
Tot Ion: 51 Resp: 1404277
 Ion Ratio Lower Upper
 51 100
 67 17.0 13.6 20.4



#4
 Chloromethane
 Concen: 9.376 ppbv
 RT: 3.14 min Scan# 109
 Delta R.T.: 0.00 min
 Lab File: VL038568.D
 Acq: 9 Mar 2022 3:19

Tgt Ion: 50 Resp: 534135
 Ion Ratio Lower Upper
 50 100
 52 33.1 25.6 38.4





#5

Vinyl Chloride

Concen: 9.191 ppbv

RT: 3.25 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

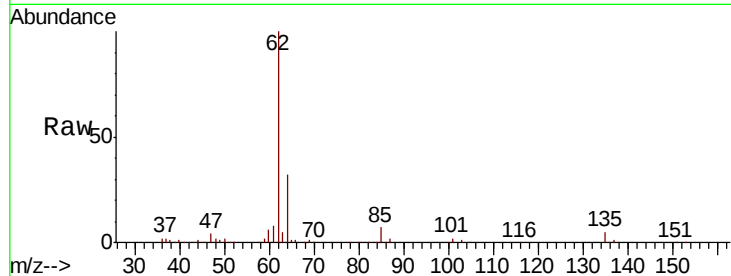
Acq: 9 Mar 2022 3:19

Tot Ion: 62 Resp: 525578

Ion Ratio Lower Upper

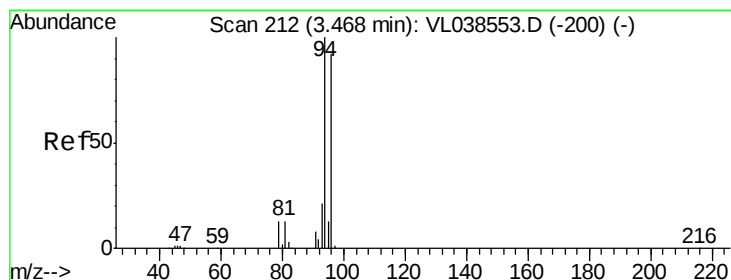
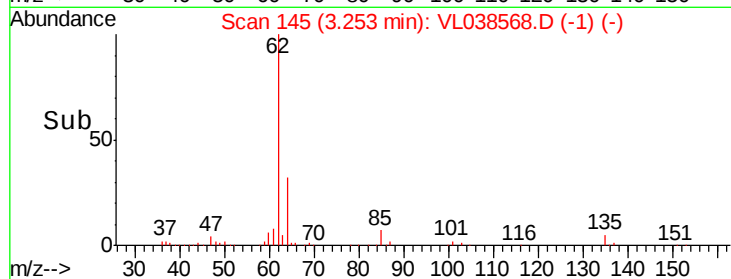
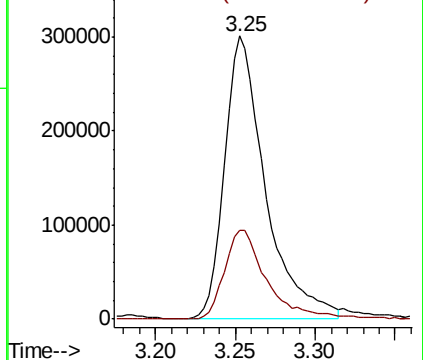
62 100

64 31.6 25.8 38.6



Abundance Ion 62.10 (61.80 to 62.80): VL0

Ion 64.10 (63.80 to 64.80): VL0



#6

Bromomethane

Concen: 9.770 ppbv

RT: 3.47 min Scan# 212

Delta R.T. 0.00 min

Lab File: VL038568.D

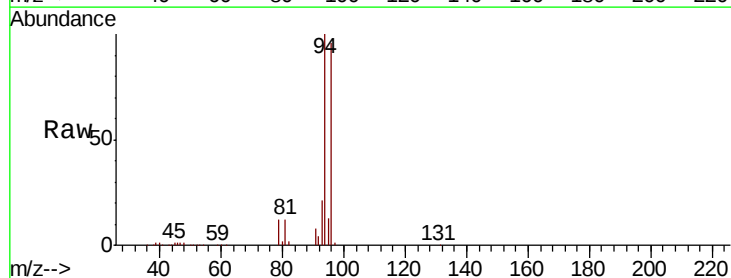
Acq: 9 Mar 2022 3:19

Tgt Ion: 94 Resp: 299878

Ion Ratio Lower Upper

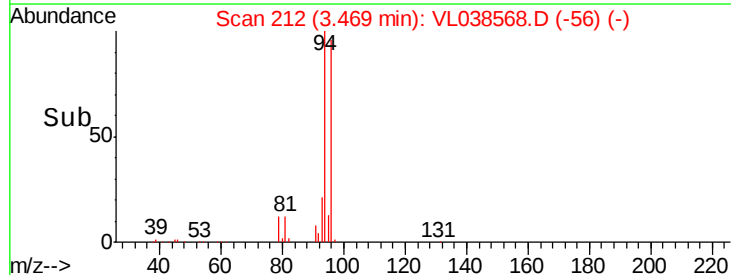
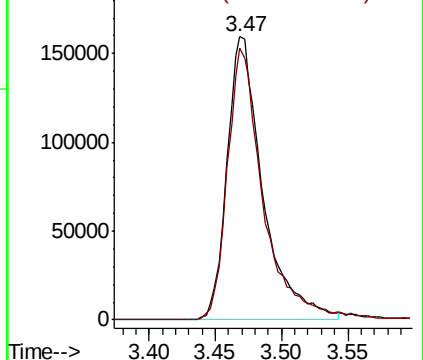
94 100

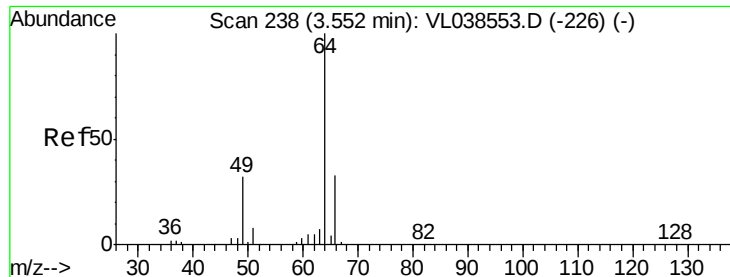
96 96.2 73.7 110.5



Abundance Ion 94.00 (93.70 to 94.70): VL0

Ion 96.00 (95.70 to 96.70): VL0





#7

Chloroethane

Concen: 9.678 ppbv

RT: 3.55 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

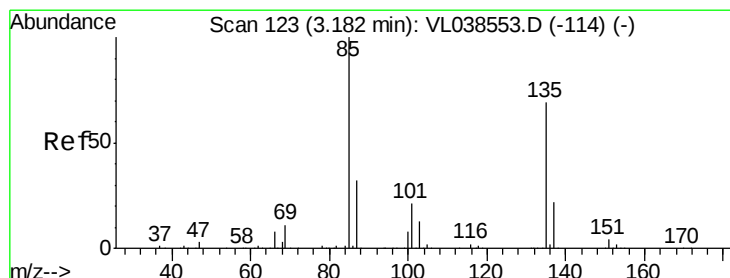
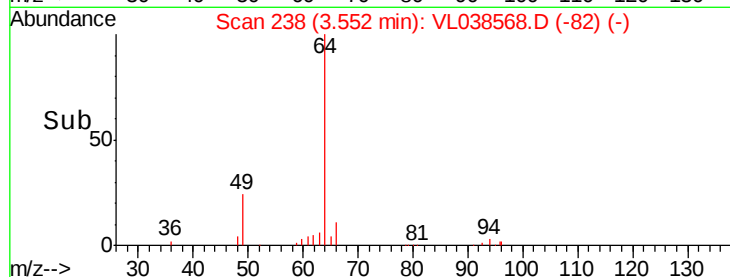
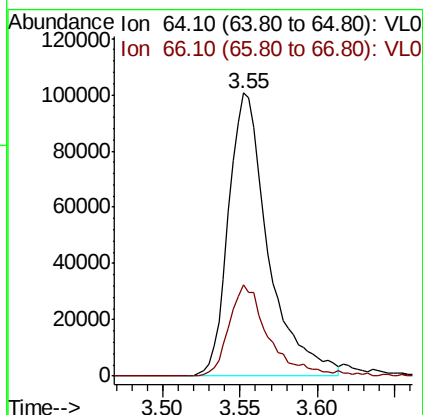
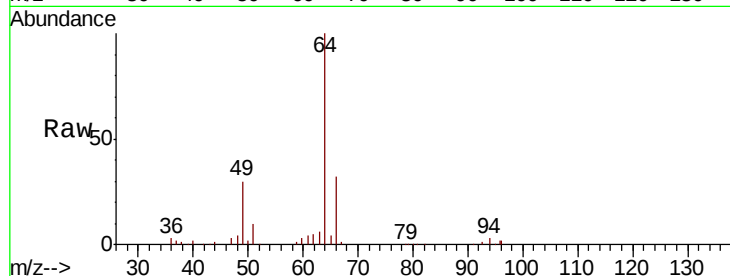
Acq: 9 Mar 2022 3:19

Tot Ion: 64 Resp: 179189

Ion Ratio Lower Upper

64 100

66 32.3 26.6 39.8



#8

Dichlorotetrafluoroethane

Concen: 9.621 ppbv

RT: 3.19 min Scan# 124

Delta R.T. 0.00 min

Lab File: VL038568.D

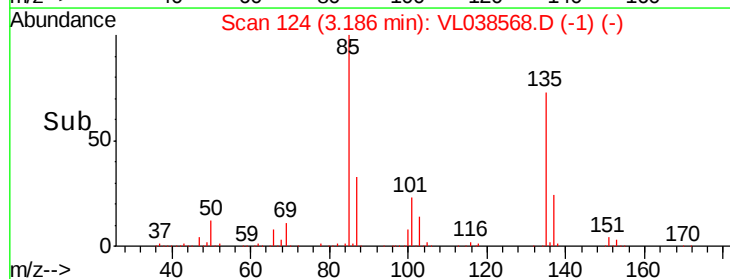
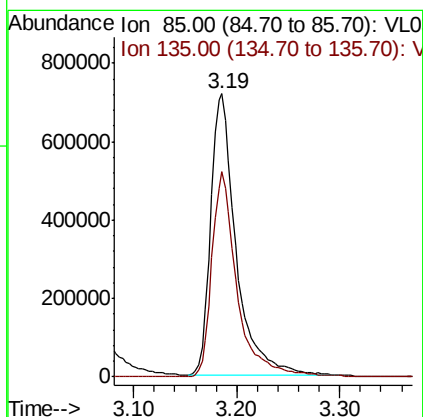
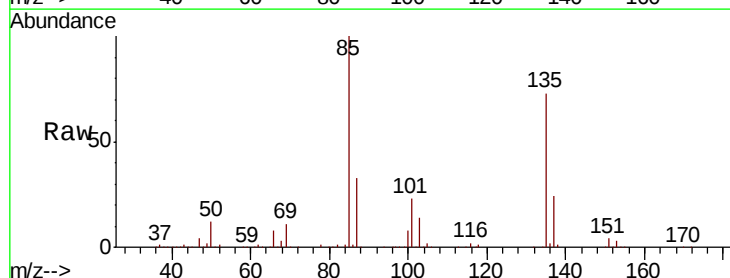
Acq: 9 Mar 2022 3:19

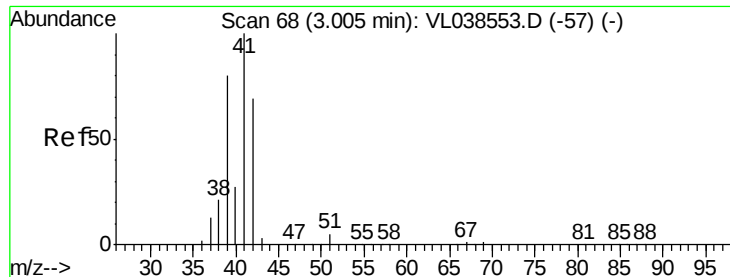
Tgt Ion: 85 Resp: 1227820

Ion Ratio Lower Upper

85 100

135 72.8 59.0 88.4





#9

Propene

Concen: 9.238 ppbv

RT: 3.01 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

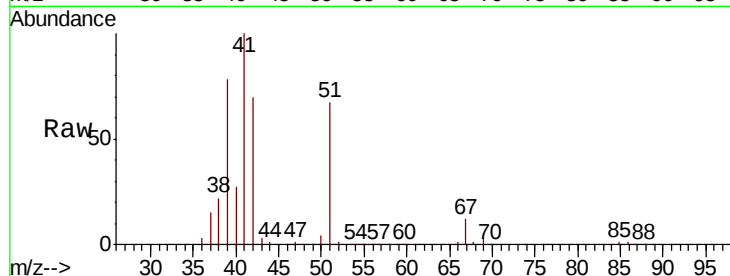
Acq: 9 Mar 2022 3:19

Tot Ion: 41 Resp: 500971

Ion Ratio Lower Upper

41 100

42 69.6 55.7 83.5



Abundance Ion 41.10 (40.80 to 41.80): VL0

Ion 42.10 (41.80 to 42.80): VL0

3.01

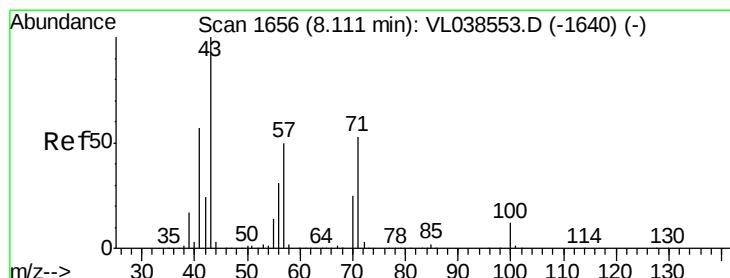
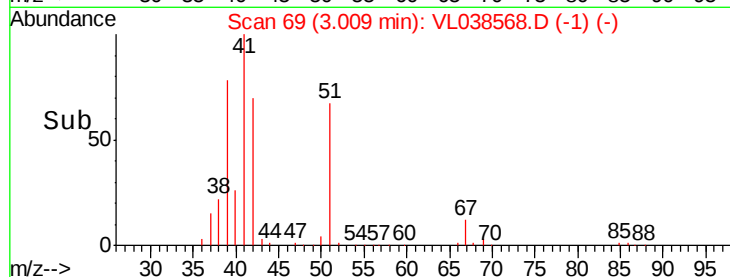
300000

200000

100000

0

Time-->



#10

Heptane

Concen: 10.006 ppbv

RT: 8.11 min Scan# 1656

Delta R.T. 0.00 min

Lab File: VL038568.D

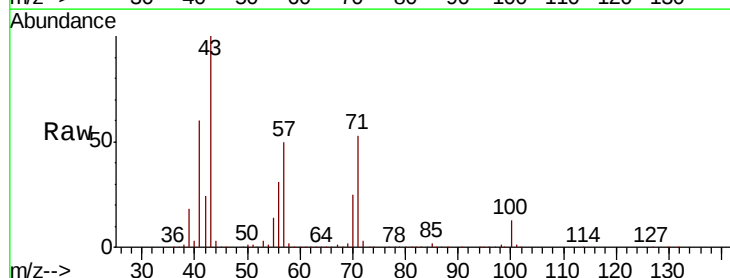
Acq: 9 Mar 2022 3:19

Tgt Ion: 43 Resp: 1298114

Ion Ratio Lower Upper

43 100

57 50.6 39.6 59.4



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 57.10 (56.80 to 57.80): VL0

8.11

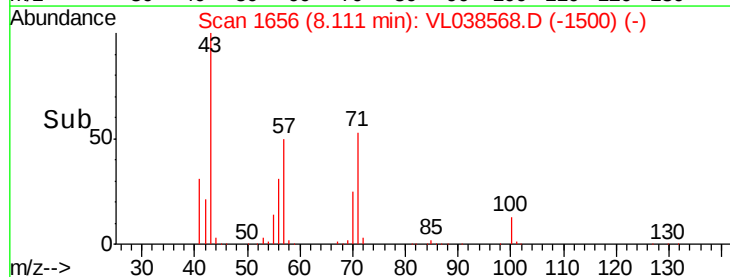
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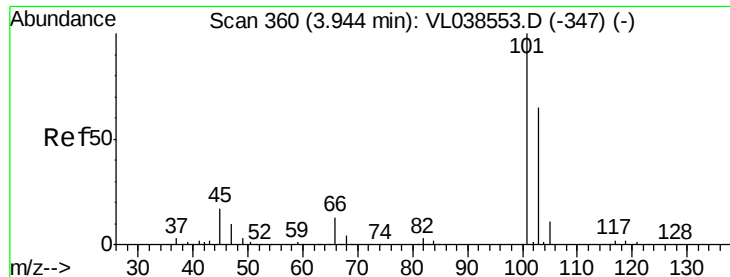
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200000

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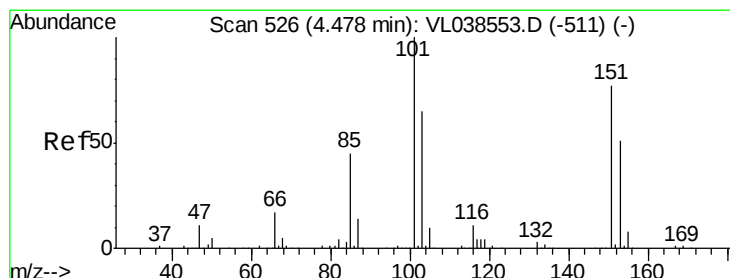
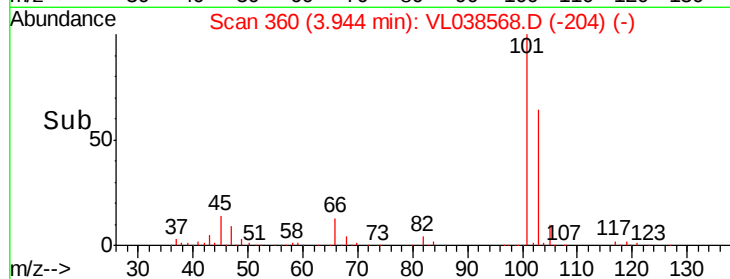
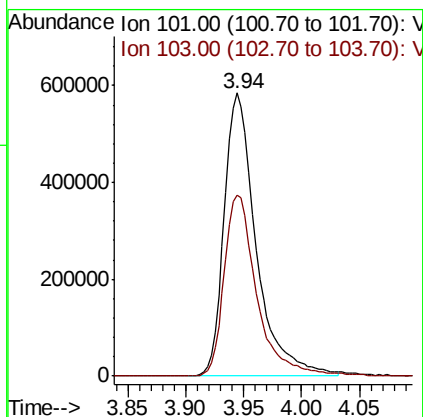
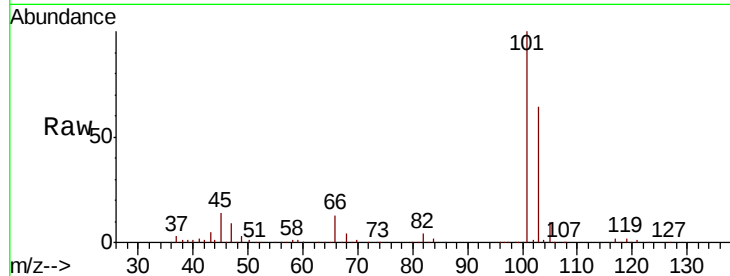
Time-->





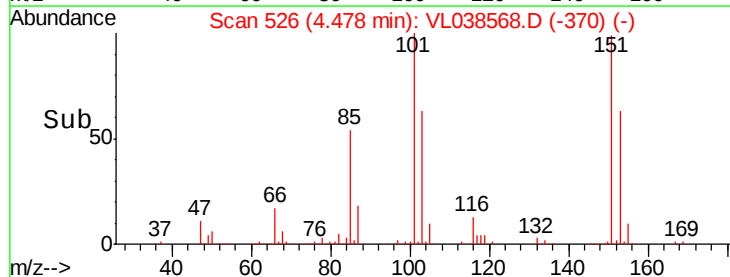
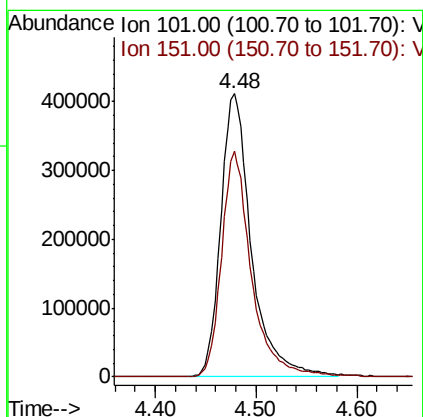
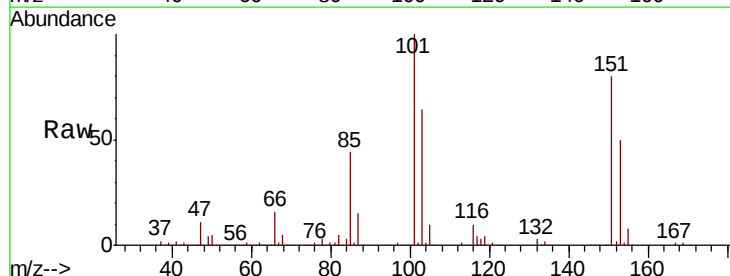
#11
 Trichlorofluoromethane
 Concen: 9.690 ppbv
 RT: 3.94 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 9 Mar 2022 3:19

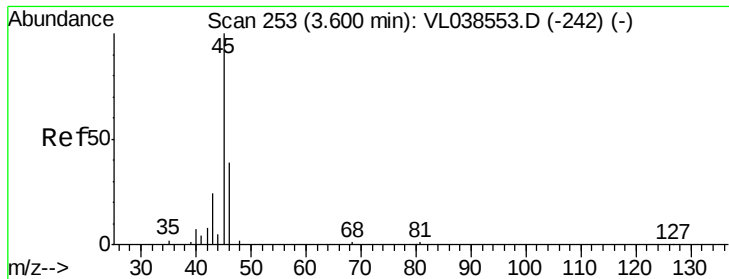
Tot Ion:101 Resp: 1118490
 Ion Ratio Lower Upper
 101 100
 103 63.7 52.0 78.0



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 9.747 ppbv
 RT: 4.48 min Scan# 526
 Delta R.T. 0.00 min
 Lab File: VL038568.D
 Acq: 9 Mar 2022 3:19

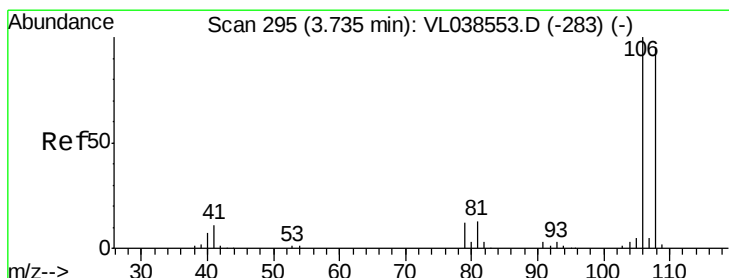
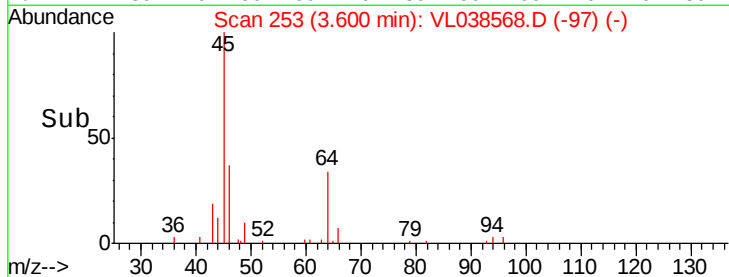
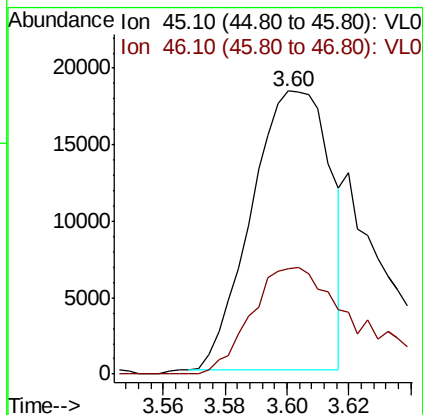
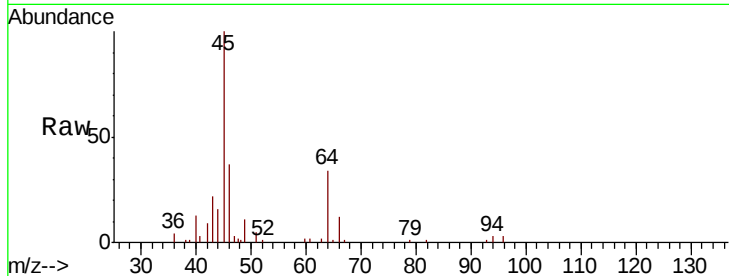
Tgt Ion:101 Resp: 874699
 Ion Ratio Lower Upper
 101 100
 151 78.1 63.4 95.0





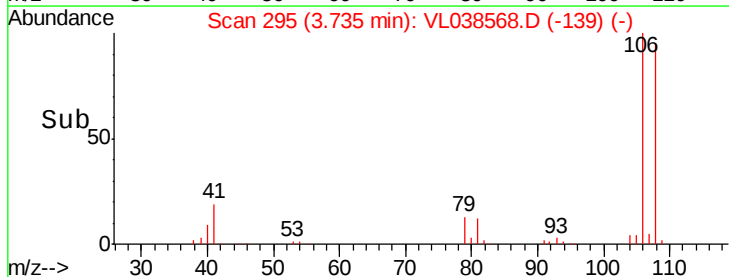
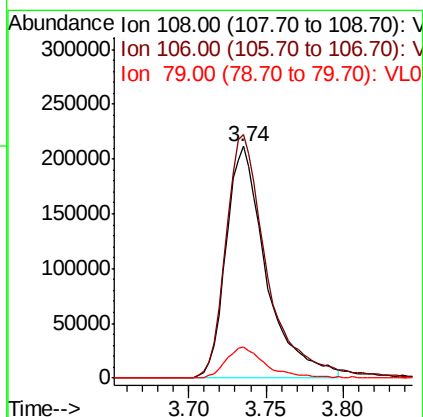
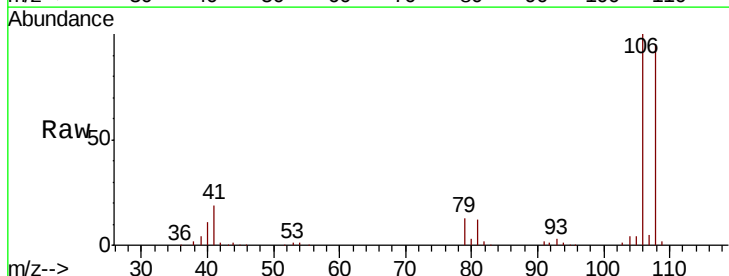
#13
Ethanol
Concen: 5.177 ppbv
RT: 3.60
Instrument: MSVOA_L
Delta R.T.:
Lab File: ClientSampleId:
Acq: 9 Mar 2022 3:19

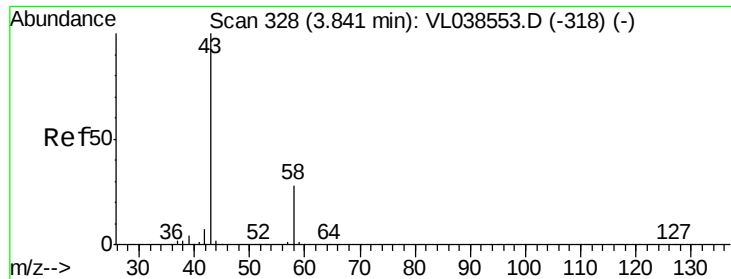
Tot Ion: 45 Resp: 32250
Ion Ratio Lower Upper
45 100
46 58.3 16.8 67.0



#14
Bromoethene
Concen: 9.928 ppbv
RT: 3.74 min Scan# 295
Delta R.T. 0.00 min
Lab File: VL038568.D
Acq: 9 Mar 2022 3:19

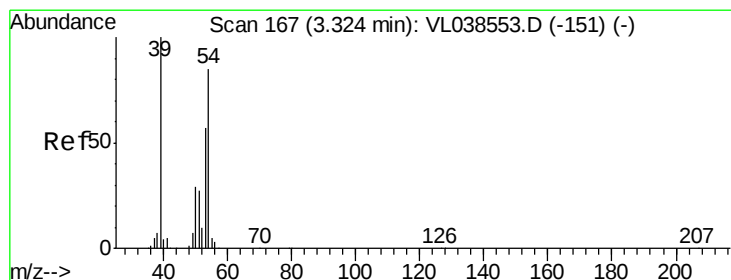
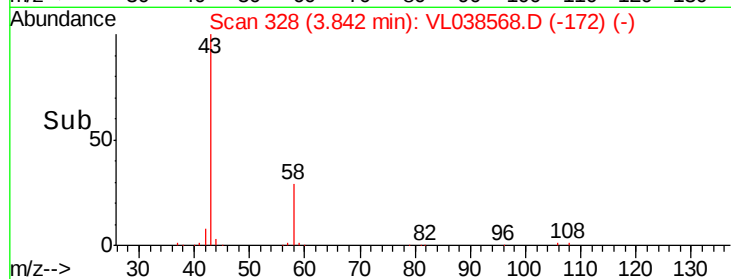
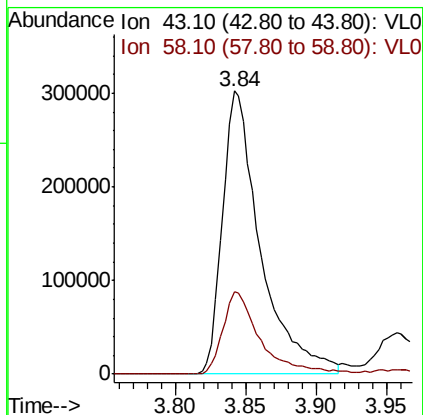
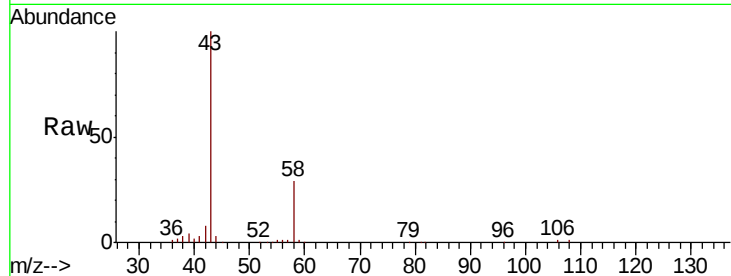
Tgt Ion: 108 Resp: 379625
Ion Ratio Lower Upper
108 100
106 109.8 85.9 128.9
79 13.8 11.0 16.6





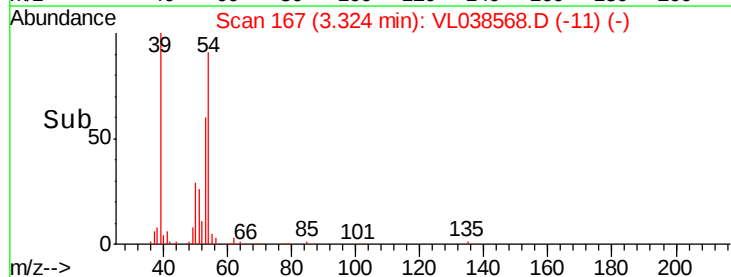
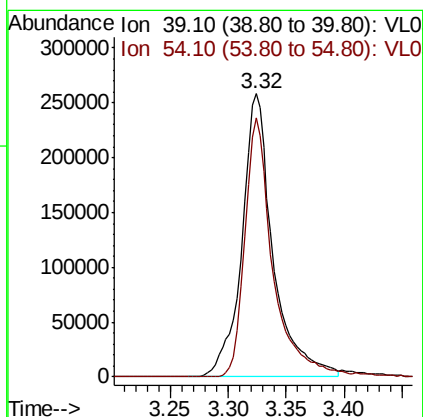
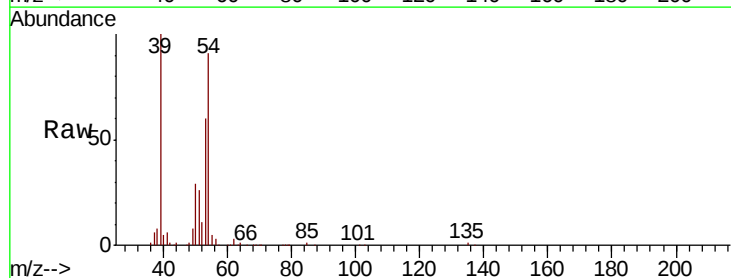
#15
Acetone
Concen: 9.261 ppbv
RT: 3.84
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 9 Mar 2022 3:19

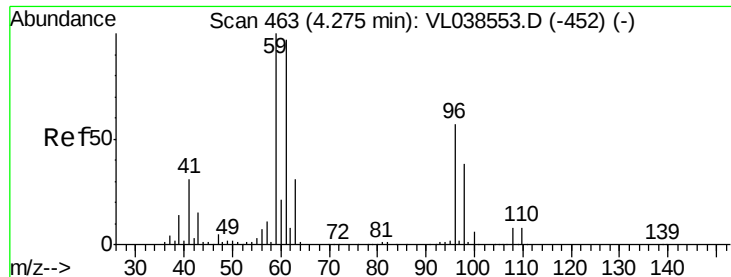
Tot Ion: 43 Resp: 569370
Ion Ratio Lower Upper
43 100
58 28.8 22.7 34.1



#16
1,3-Butadiene
Concen: 9.849 ppbv
RT: 3.32 min Scan# 167
Delta R.T. 0.00 min
Lab File: VL038568.D
Acq: 9 Mar 2022 3:19

Tgt Ion: 39 Resp: 486572
Ion Ratio Lower Upper
39 100
54 83.0 64.2 96.2





#17

tert-Butyl alcohol

Concen: 9.248 ppbv

RT: 4.28 Instrument:

Delta R.T. MSVOA.L

Lab File: ClientSampleId:

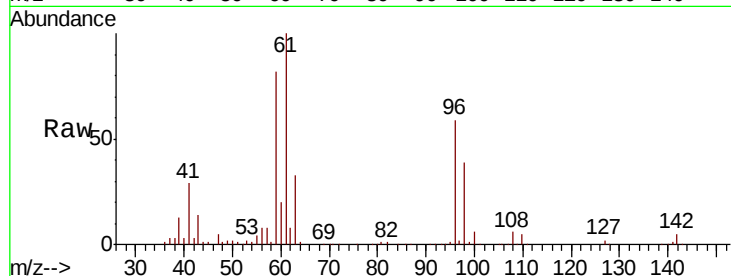
Acq: 9 Mar 2022 3:19

Tot Ion: 59 Resp: 617729

Ion Ratio Lower Upper

59 100

57 10.4 8.1 12.1



Abundance Ion 59.10 (58.80 to 59.80): VL0

Ion 57.10 (56.80 to 57.80): VL0

4.28

300000

250000

200000

150000

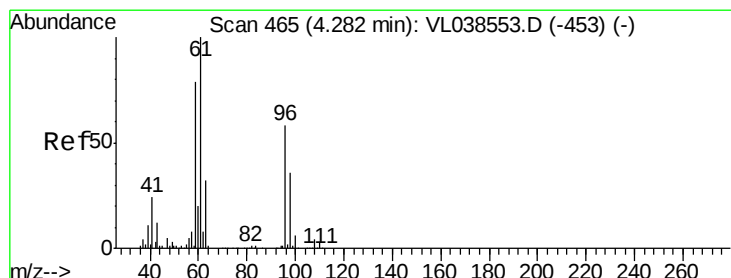
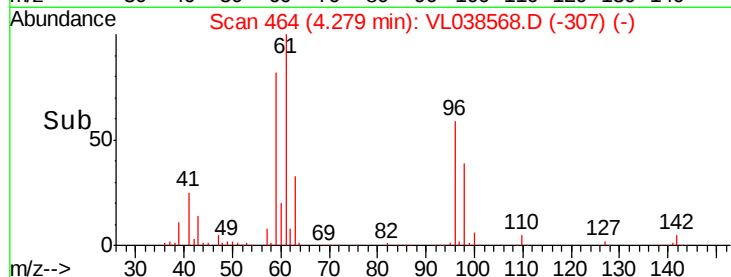
100000

50000

0

Time-->

4.20 4.25 4.30 4.35 4.40



#18

1,1-Dichloroethene

Concen: 9.623 ppbv

RT: 4.29 min Scan# 466

Delta R.T. 0.00 min

Lab File: VL038568.D

Acq: 9 Mar 2022 3:19

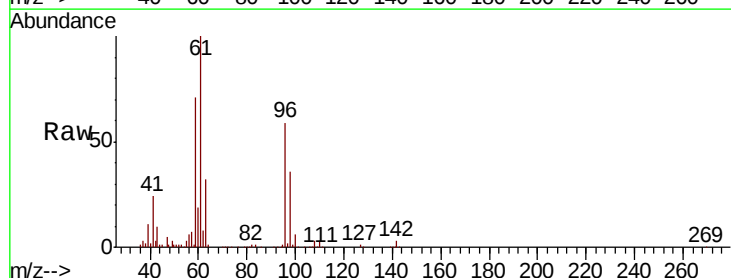
Tgt Ion: 96 Resp: 386481

Ion Ratio Lower Upper

96 100

61 170.9 137.4 206.0

98 61.5 49.3 73.9



Abundance Ion 96.00 (95.70 to 96.70): VL0

Ion 61.10 (60.80 to 61.80): VL0

Ion 98.00 (97.70 to 98.70): VL0

4.29

400000

300000

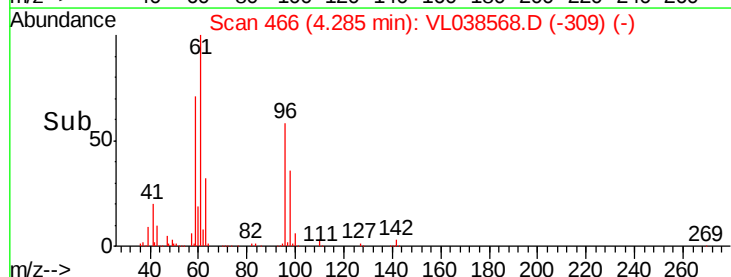
200000

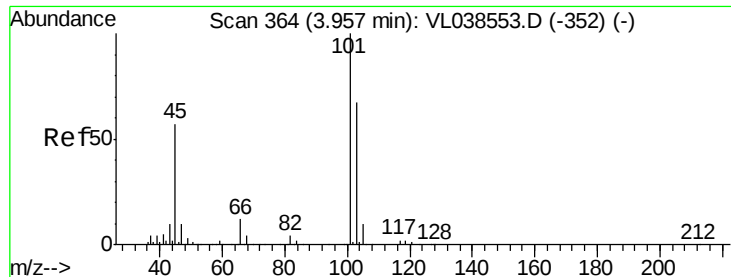
100000

0

Time-->

4.20 4.25 4.30 4.35





#19

Isopropyl Alcohol

Concen: 8.808 ppbv

RT: 3.96 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

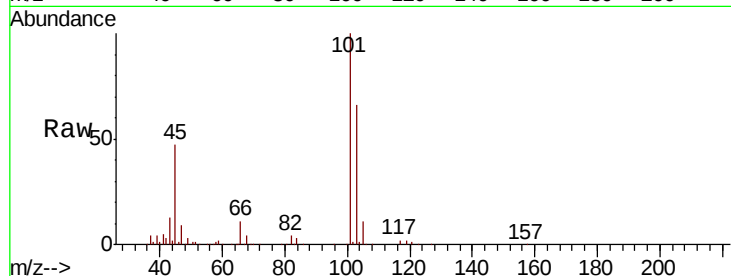
Acq: 9 Mar 2022 3:19

Tot Ion: 45 Resp: 361580

Ion Ratio Lower Upper

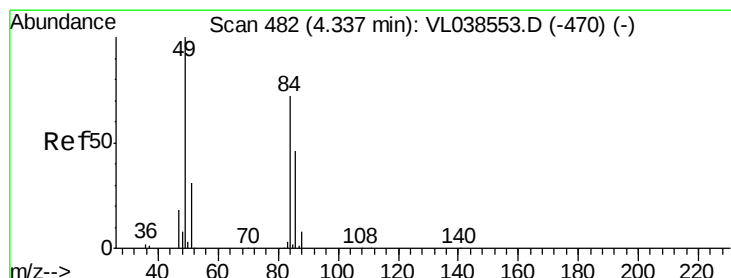
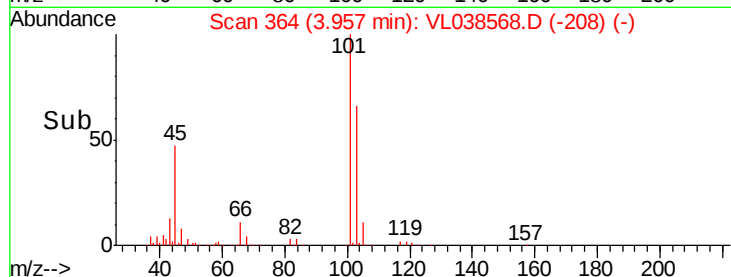
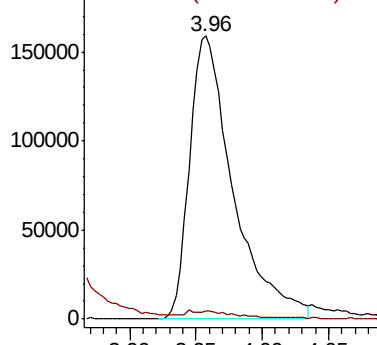
45 100

58 3.9 2.2 3.2#



Abundance Ion 45.10 (44.80 to 45.80): VL0

Ion 58.10 (57.80 to 58.80): VL0



#20

Methylene Chloride

Concen: 8.708 ppbv

RT: 4.34 min Scan# 482

Delta R.T. 0.00 min

Lab File: VL038568.D

Acq: 9 Mar 2022 3:19

Tgt Ion: 84 Resp: 322184

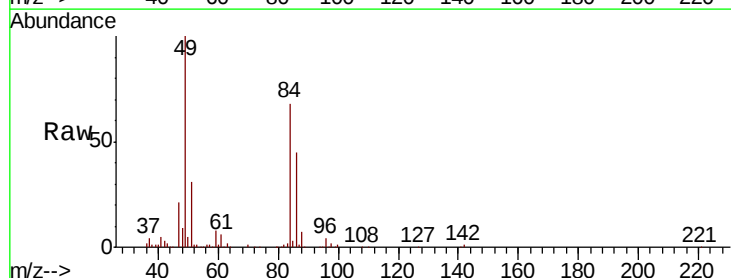
Ion Ratio Lower Upper

84 100

49 146.6 111.1 166.7

51 44.9 34.0 51.0

86 67.3 50.9 76.3

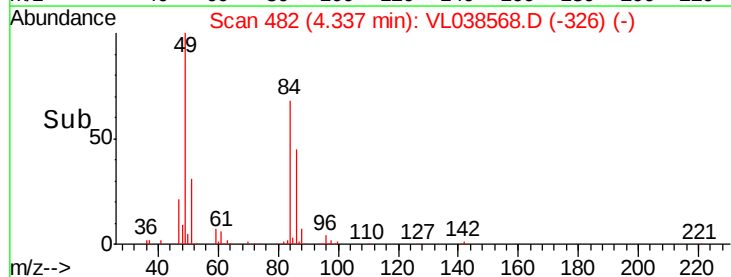
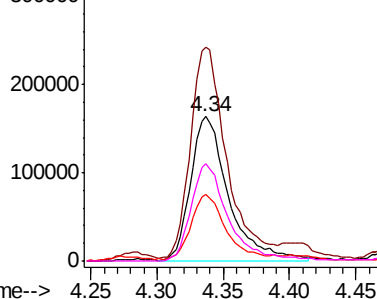


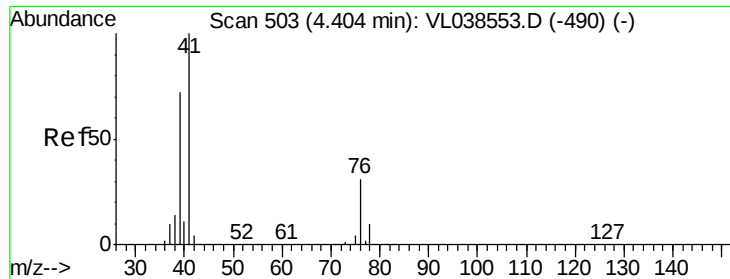
Abundance Ion 84.00 (83.70 to 84.70): VL0

Ion 49.10 (48.80 to 49.80): VL0

Ion 51.10 (50.80 to 51.80): VL0

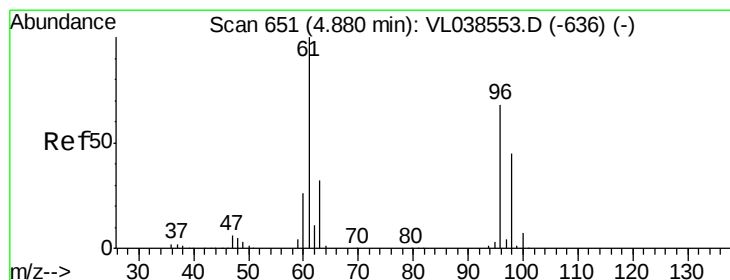
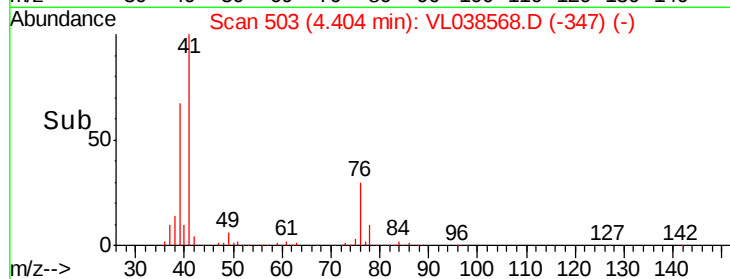
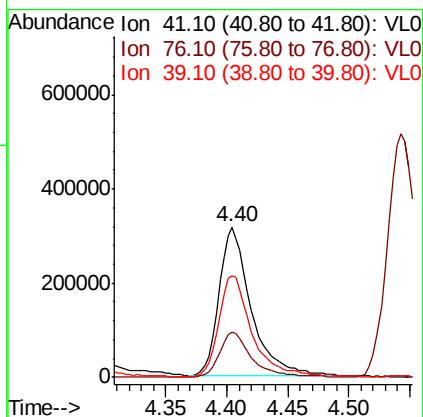
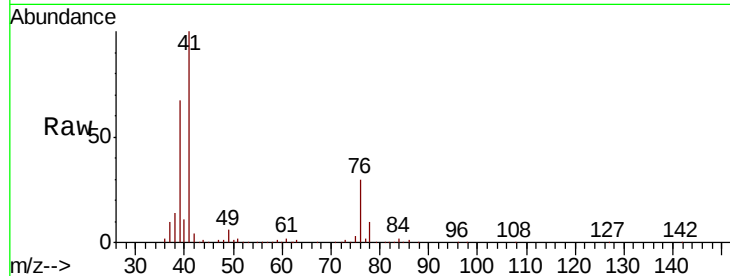
Ion 86.00 (85.70 to 86.70): VL0





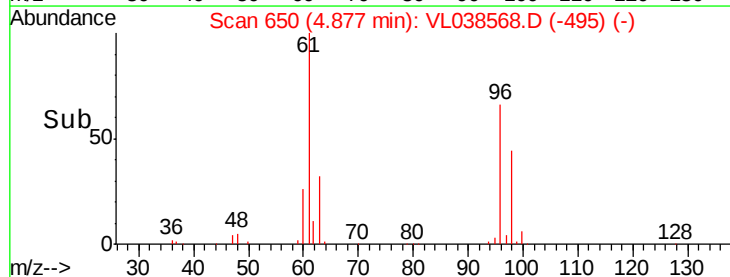
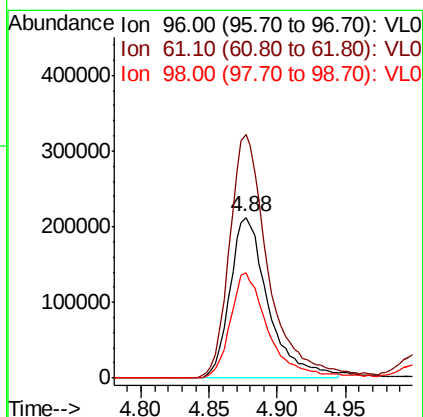
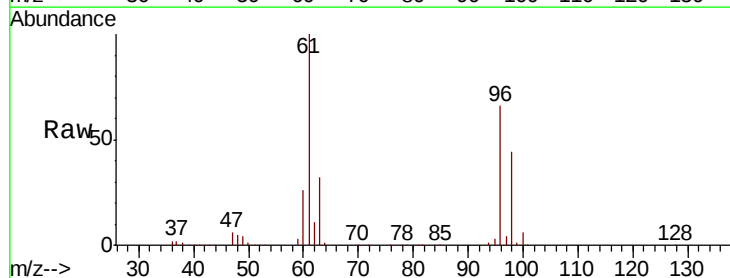
#21
Allvl Chloride
Concen: 9.781 ppbv
RT: 4.40
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 9 Mar 2022 3:19

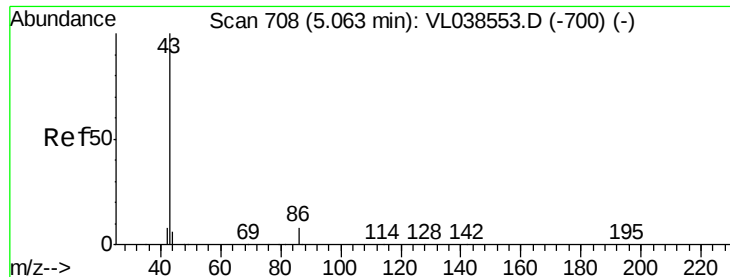
Tot Ion	Ratio	Lower	Upper
41	100		
76	30.6	24.3	36.5
39	70.8	57.1	85.7



#22
trans-1,2-Dichloroethene
Concen: 9.856 ppbv
RT: 4.88 min Scan# 650
Delta R.T. -0.00 min
Lab File: VL038568.D
Acq: 9 Mar 2022 3:19

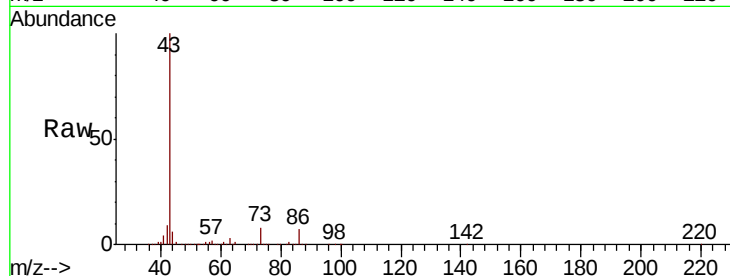
Tgt Ion	Ratio	Lower	Upper
96	100		
61	151.2	117.6	176.4
98	65.8	52.6	78.8



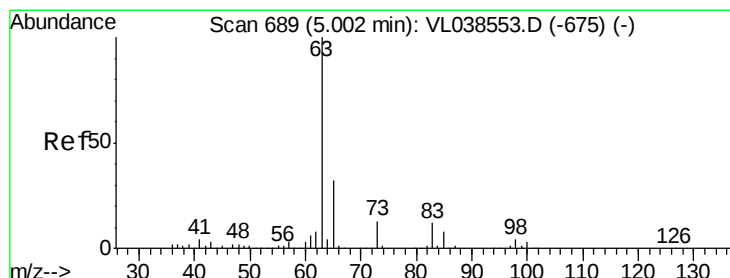
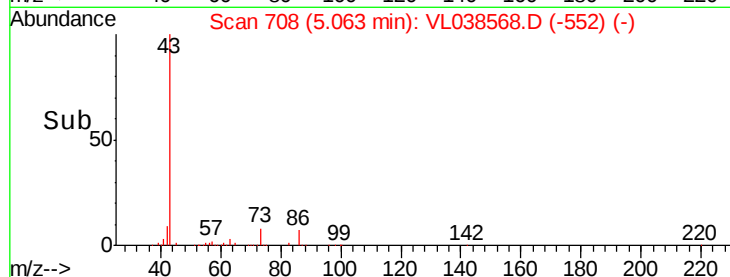
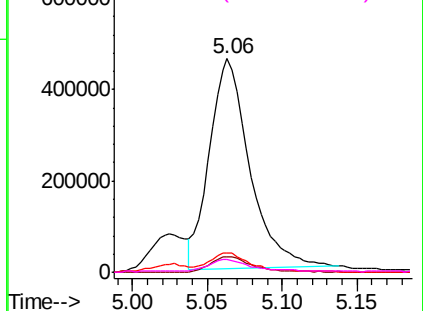


#23
 Vinyl Acetate
 Concen: 9.804 ppbv
 RT: 5.06
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 9 Mar 2022 3:19

Tot Ion:	43	Resp:	864018
Ion	Ratio	Lower	Upper
43	100		
86	7.1	5.6	8.4
42	9.2	7.1	10.7
44	5.5	4.1	6.1

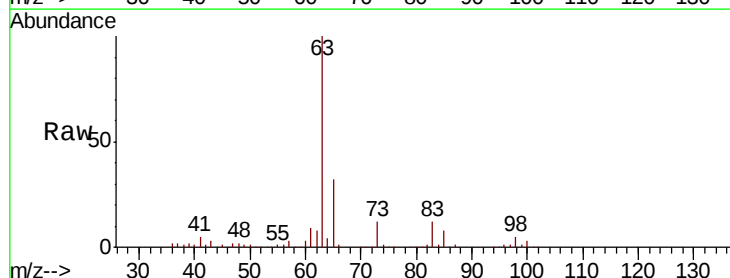


Abundance Ion 43.10 (42.80 to 43.80): VL0
 Ion 86.10 (85.80 to 86.80): VL0
 Ion 42.10 (41.80 to 42.80): VL0
 Ion 44.10 (43.80 to 44.80): VL0

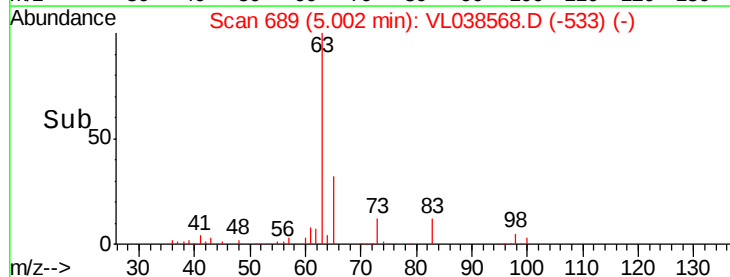
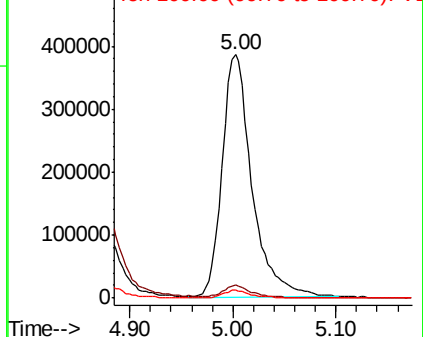


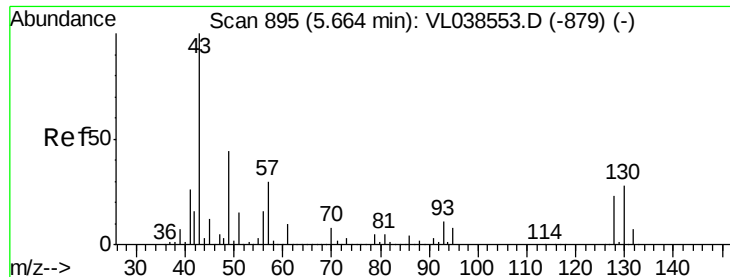
#24
 1,1-Dichloroethane
 Concen: 9.705 ppbv
 RT: 5.00 min Scan# 689
 Delta R.T. 0.00 min
 Lab File: VL038568.D
 Acq: 9 Mar 2022 3:19

Tgt Ion:	63	Resp:	777846
Ion	Ratio	Lower	Upper
63	100		
98	5.3	2.2	6.6
100	3.0	1.5	4.5



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

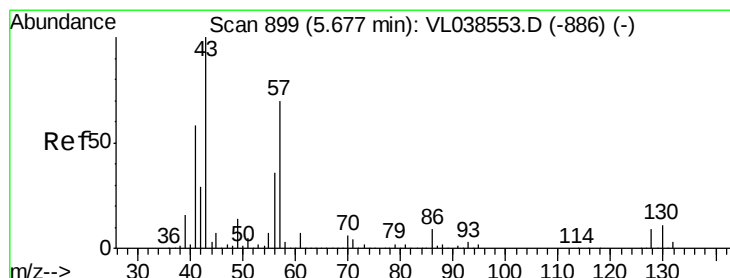
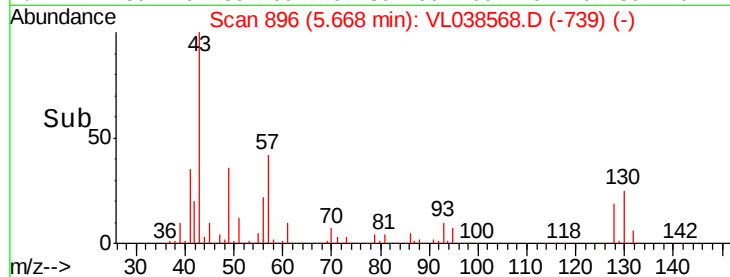
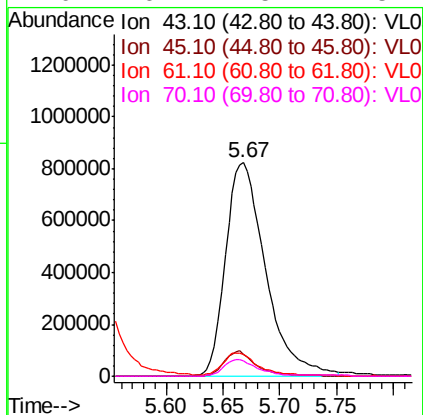
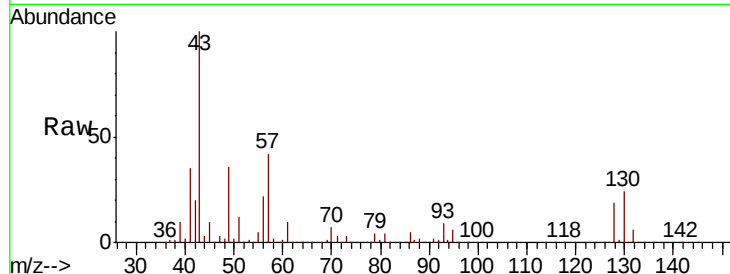




#25
Ethyl Acetate
Concen: 9.759 ppbv
RT: 5.67 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
Acq: 9 Mar 2022 3:19

Tot Ion: 43 Resp: 2020484

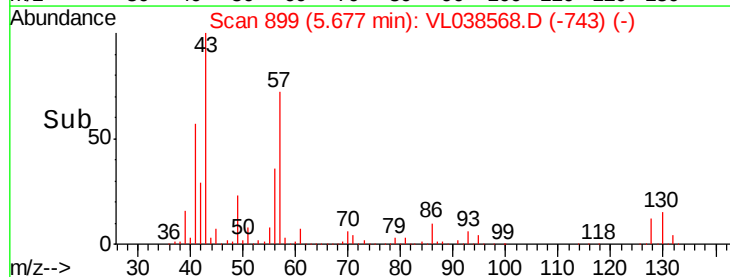
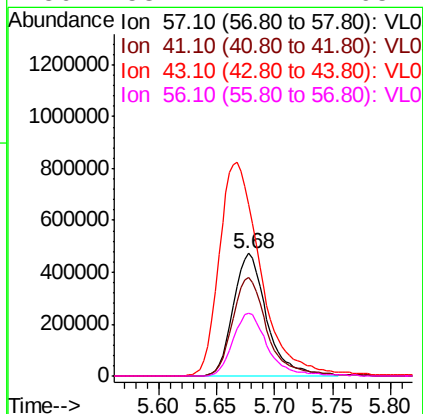
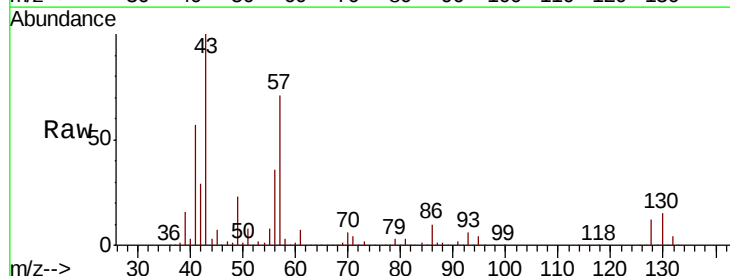
Ion	Ratio	Lower	Upper
43	100		
45	10.0	8.0	12.0
61	10.3	8.2	12.4
70	6.7	5.4	8.2

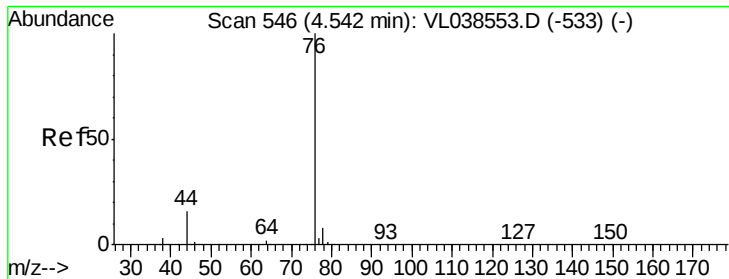


#26
Hexane
Concen: 9.757 ppbv
RT: 5.68 min Scan# 899
Delta R.T.: 0.00 min
Lab File: VL038568.D
Acq: 9 Mar 2022 3:19

Tgt Ion: 57 Resp: 948710

Ion	Ratio	Lower	Upper
57	100		
41	83.8	67.8	101.6
43	216.7	173.6	260.4
56	53.1	42.2	63.2





#27

Carbon Disulfide

Concen: 10.552 ppbv

RT: 4.54 Instrument:

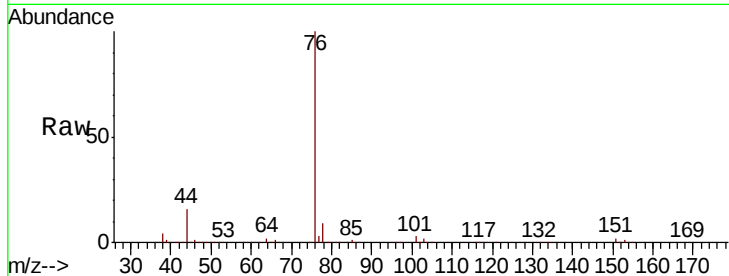
Delta R.T. MSVOA_L

Lab File: ClientSampleId:

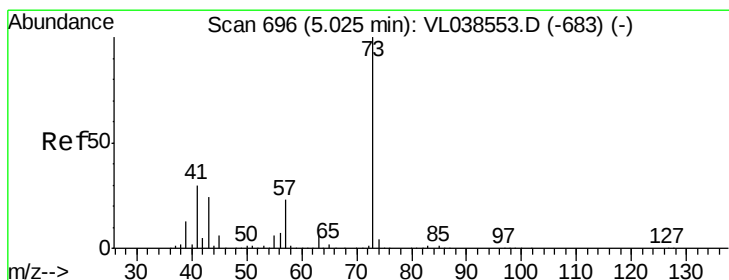
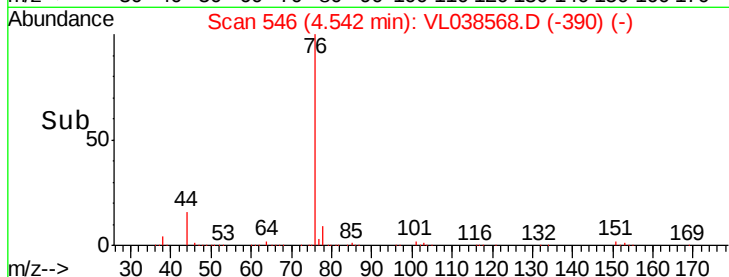
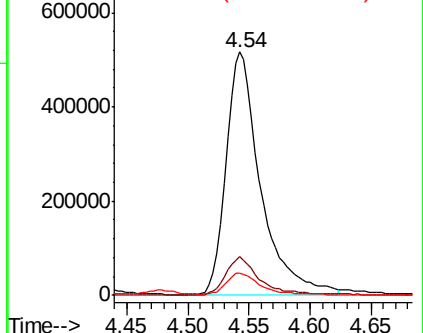
Acq: 9 Mar 2022 3:19

Tot Ion: 76 Resp: 1021867

Ion	Ratio	Lower	Upper
76	100		
44	15.5	12.9	19.3
78	9.8	7.8	11.6



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



#28

Methyl tert-Butyl Ether

Concen: 9.444 ppbv

RT: 5.02 min Scan# 695

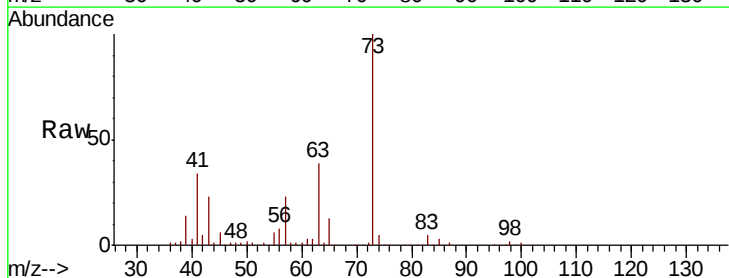
Delta R.T. -0.00 min

Lab File: VL038568.D

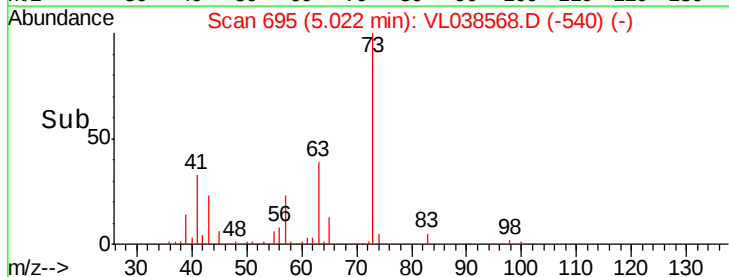
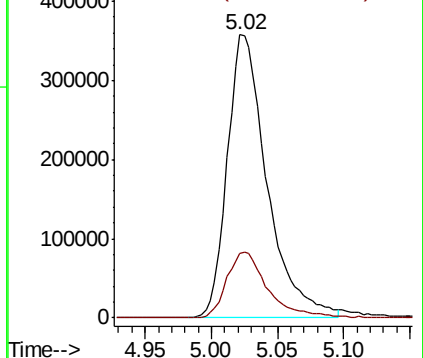
Acq: 9 Mar 2022 3:19

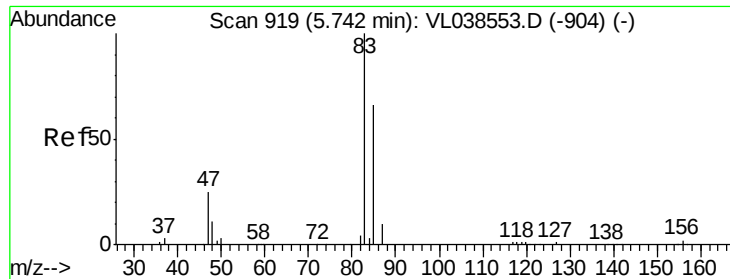
Tgt Ion: 73 Resp: 747387

Ion	Ratio	Lower	Upper
73	100		
57	24.3	18.8	28.2



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





#29

Chloroform

Concen: 9.585 ppbv

RT: 5.74 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

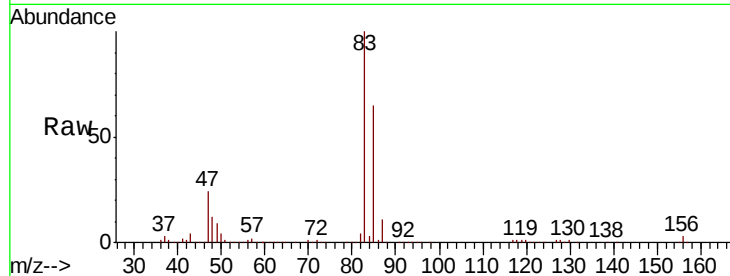
Acq: 9 Mar 2022 3:19

Tot Ion: 83 Resp: 1450307

Ion Ratio Lower Upper

83 100

85 64.4 52.8 79.2



Abundance Ion 83.00 (82.70 to 83.70): VL0

Ion 85.00 (84.70 to 85.70): VL0

800000

600000

400000

200000

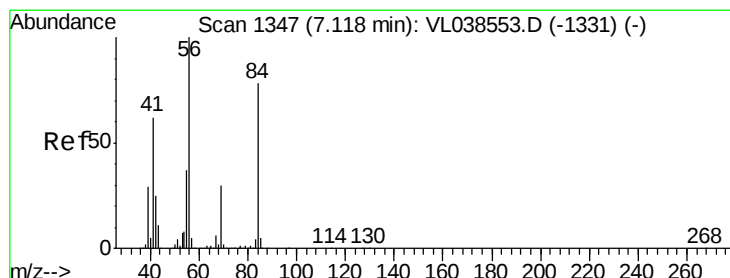
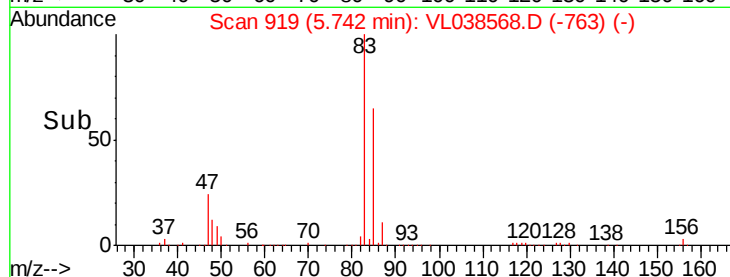
0

5.74

5.80

5.90

Time-->



#30

Cyclohexane

Concen: 9.581 ppbv

RT: 7.12 min Scan# 1347

Delta R.T. 0.00 min

Lab File: VL038568.D

Acq: 9 Mar 2022 3:19

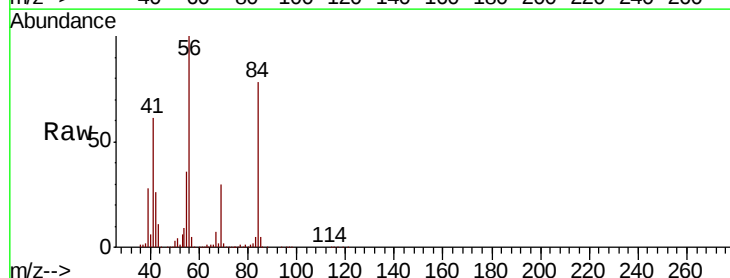
Tgt Ion: 84 Resp: 805704

Ion Ratio Lower Upper

84 100

56 138.4 111.4 167.0

41 81.1 65.5 98.3



Abundance Ion 84.20 (83.90 to 84.90): VL0

Ion 56.10 (55.80 to 56.80): VL0

Ion 41.10 (40.80 to 41.80): VL0

600000

500000

400000

300000

200000

100000

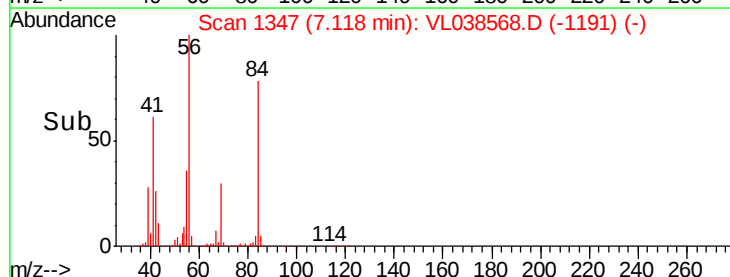
0

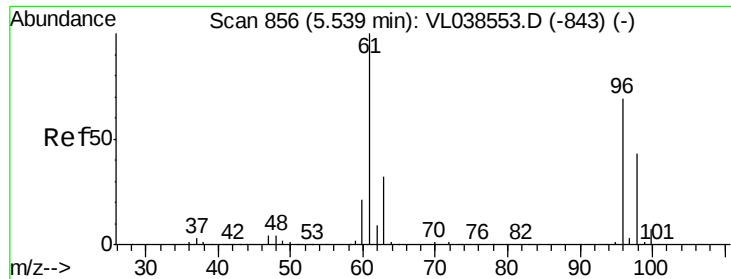
7.12

7.10

7.20

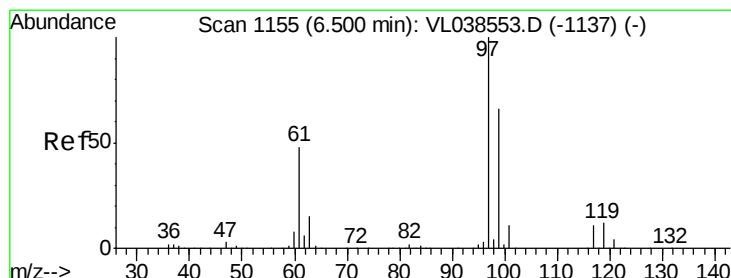
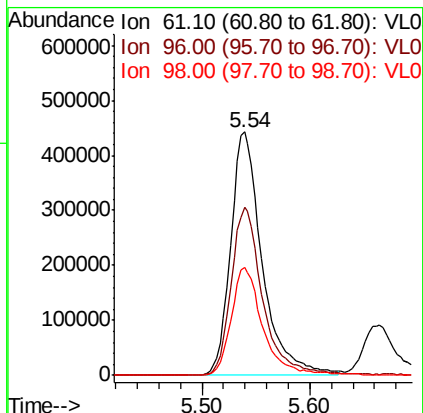
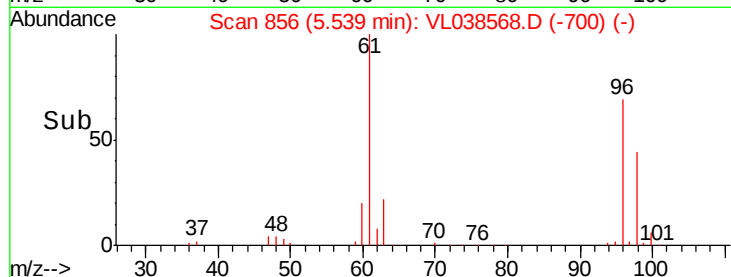
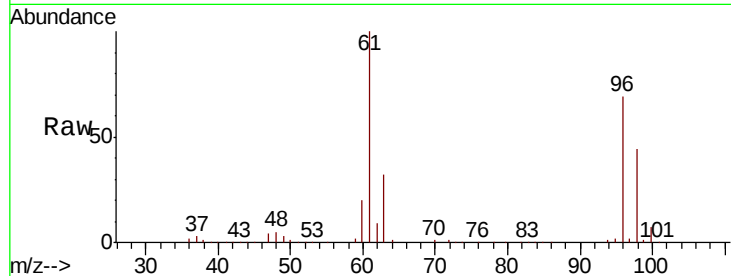
Time-->





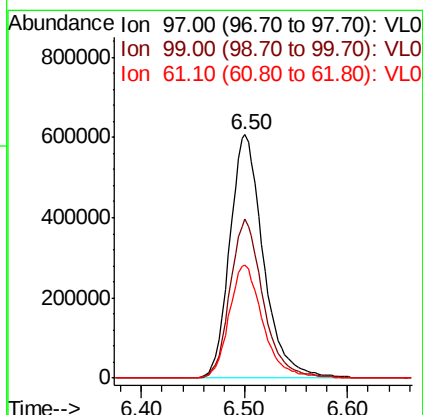
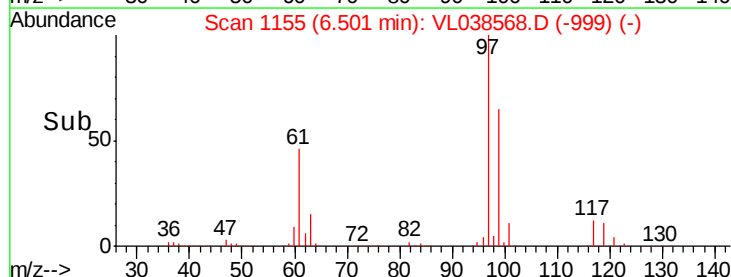
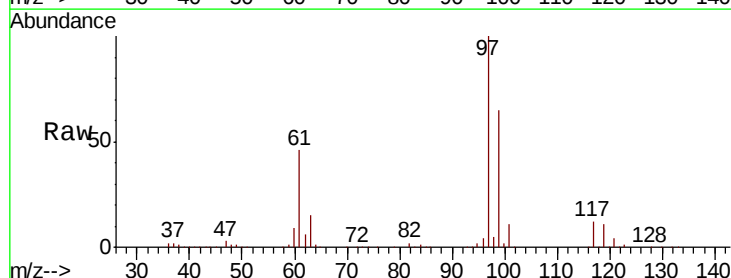
#31
 cis-1,2-Dichloroethene
 Concen: 9.697 ppbv
 RT: 5.54
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 9 Mar 2022 3:19

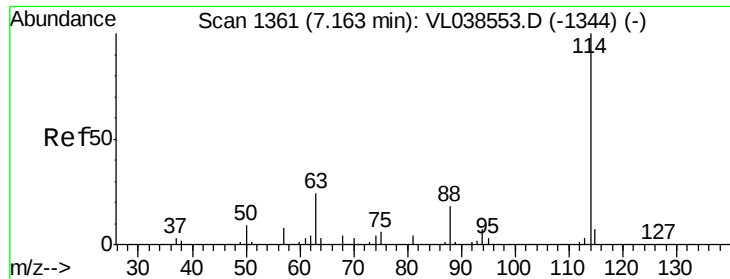
Tot Ion: 61 Resp: 901895
 Ion Ratio Lower Upper
 61 100
 96 68.9 55.2 82.8
 98 44.2 34.2 51.4



#32
 1,1,1-Trichloroethane
 Concen: 9.366 ppbv
 RT: 6.50 min Scan# 1155
 Delta R.T. 0.00 min
 Lab File: VL038568.D
 Acq: 9 Mar 2022 3:19

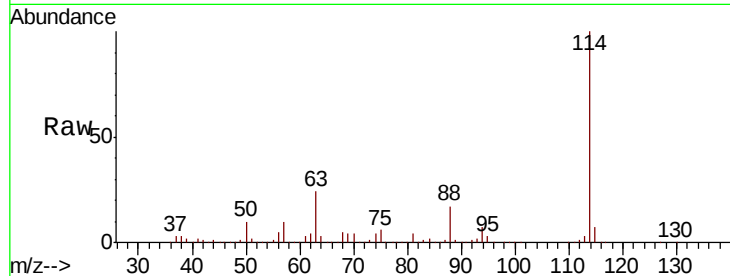
Tgt Ion: 97 Resp: 1374377
 Ion Ratio Lower Upper
 97 100
 99 64.7 52.1 78.1
 61 47.0 37.7 56.5



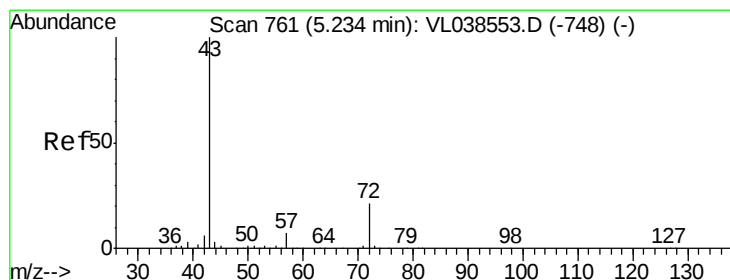
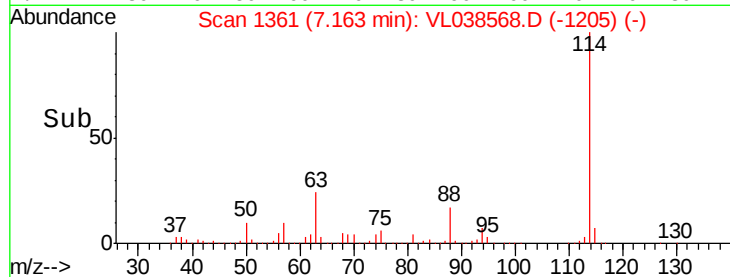
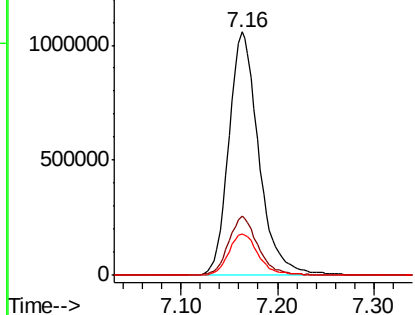


#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.16 Instrument :
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 9 Mar 2022 3:19

Tot Ion:114 Resp: 2274351
 Ion Ratio Lower Upper
 114 100
 63 24.1 19.6 29.4
 88 17.0 13.9 20.9

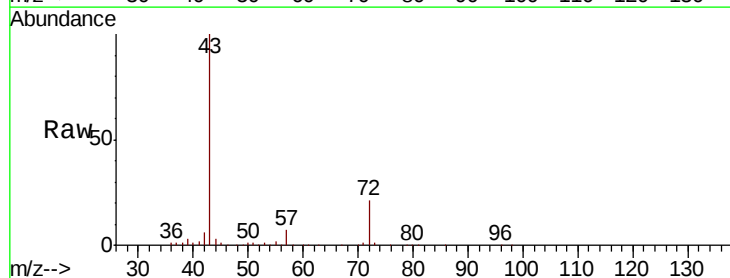


Abundance Ion 114.10 (113.80 to 114.80): V
 Ion 63.10 (62.80 to 63.80): VL0
 Ion 88.10 (87.80 to 88.80): VL0

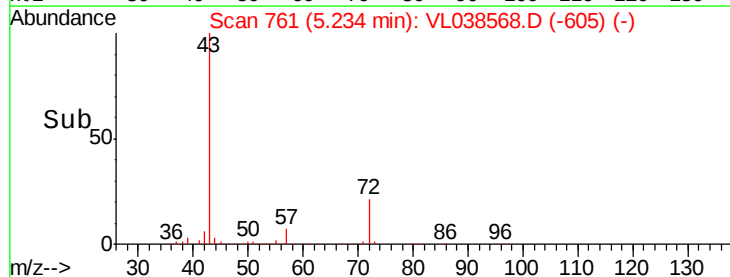
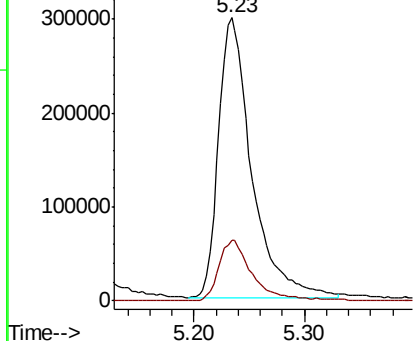


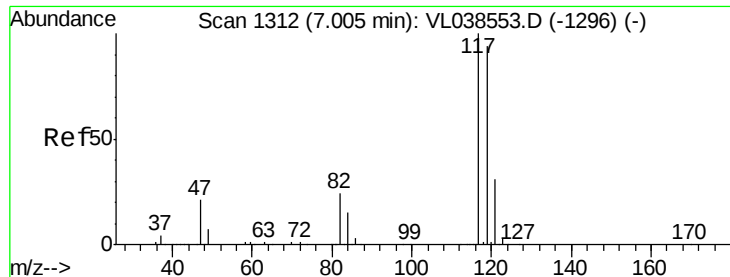
#34
 2-Butanone
 Concen: 10.595 ppbv
 RT: 5.23 min Scan# 761
 Delta R.T. 0.00 min
 Lab File: VL038568.D
 Acq: 9 Mar 2022 3:19

Tgt Ion: 43 Resp: 624626
 Ion Ratio Lower Upper
 43 100
 72 22.3 17.8 26.6



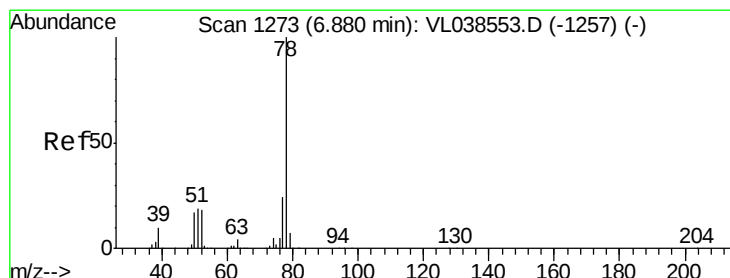
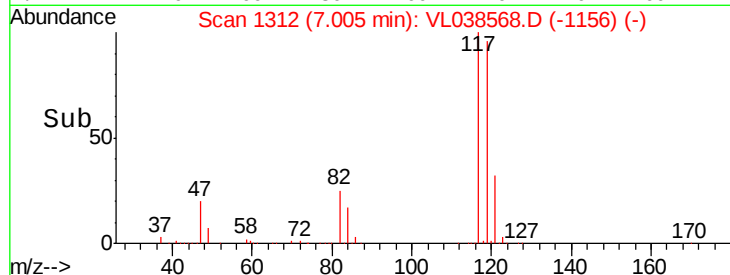
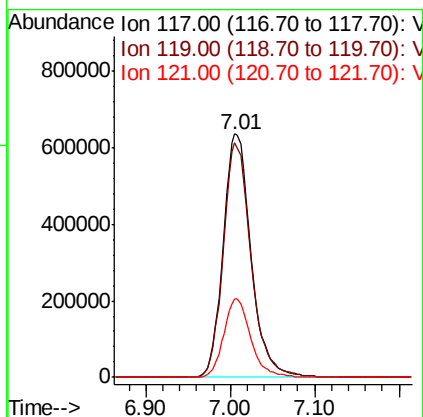
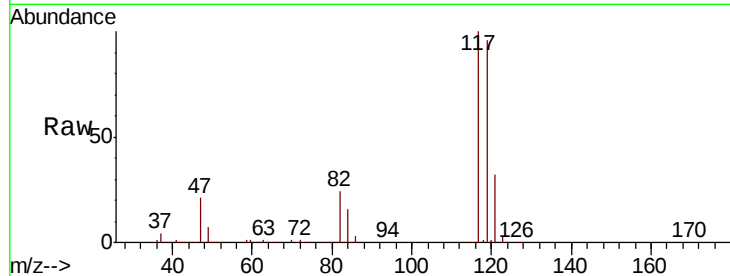
Abundance Ion 43.10 (42.80 to 43.80): VL0
 Ion 72.10 (71.80 to 72.80): VL0





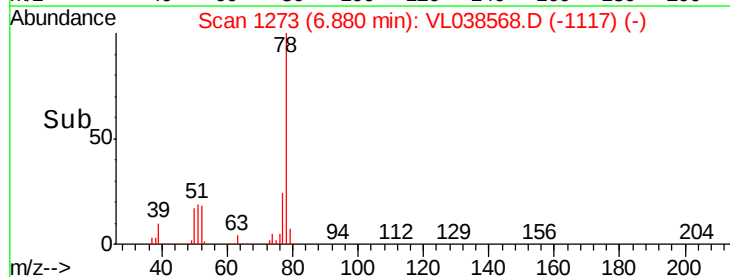
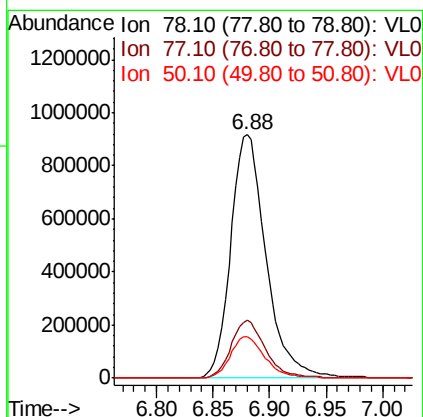
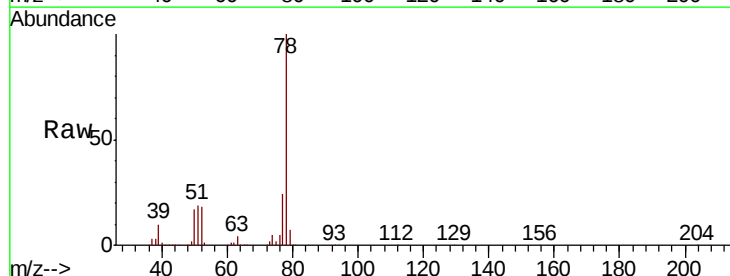
#35
 Carbon Tetrachloride
 Concen: 9.410 ppbv
 RT: 7.01
 Instrument: MSVOA_L
 Delta R.T.:
 Lab File: ClientSampleId:
 Acq: 9 Mar 2022 3:19

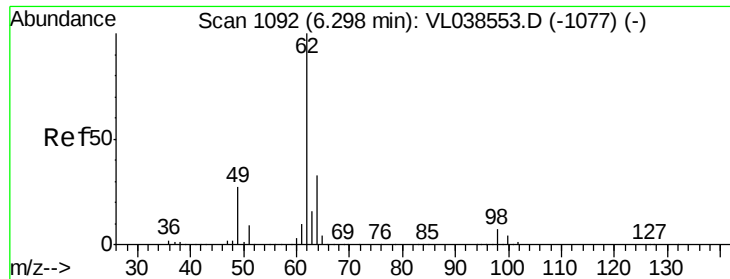
Tot Ion:117 Resp: 1459801
 Ion Ratio Lower Upper
 117 100
 119 96.1 75.2 112.8
 121 32.1 24.8 37.2



#36
 Benzene
 Concen: 9.706 ppbv
 RT: 6.88 min Scan# 1273
 Delta R.T. 0.00 min
 Lab File: VL038568.D
 Acq: 9 Mar 2022 3:19

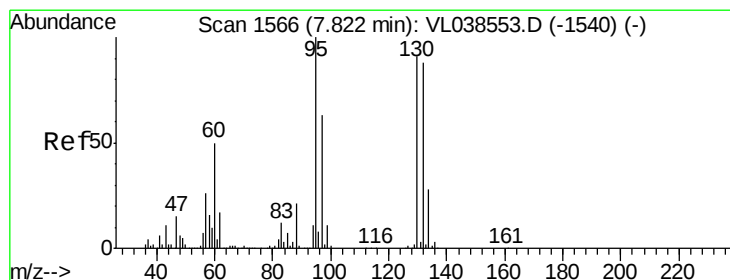
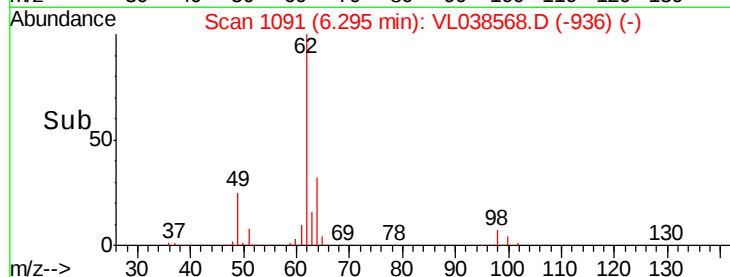
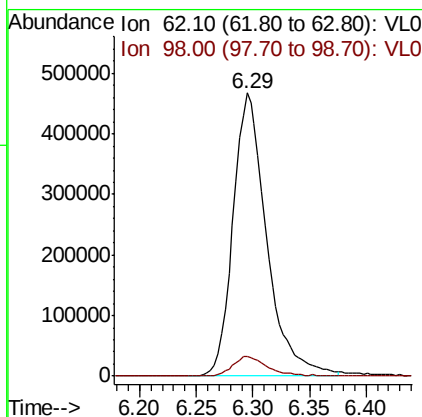
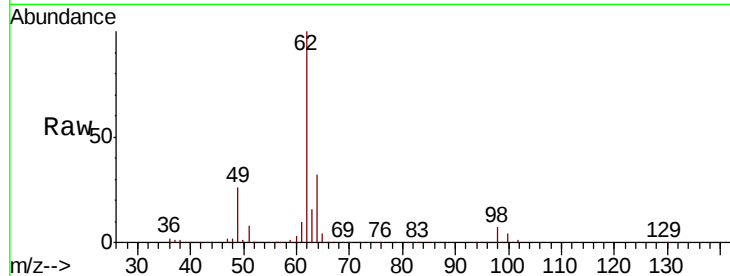
Tgt Ion: 78 Resp: 1991958
 Ion Ratio Lower Upper
 78 100
 77 23.6 19.0 28.4
 50 17.1 13.9 20.9





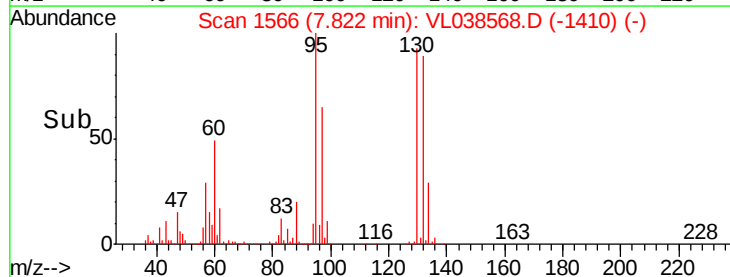
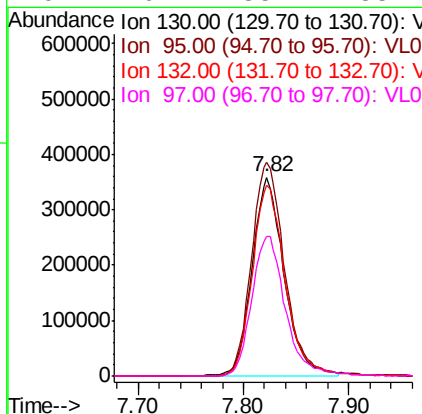
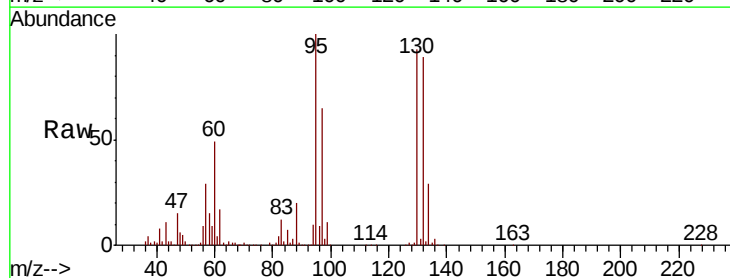
#37
 1,2-Dichloroethane
 Concen: 9.867 ppbv
 RT: 6.29
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 9 Mar 2022 3:19

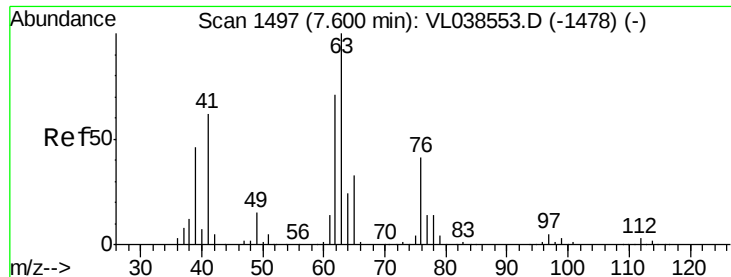
Tot Ion: 62 Resp: 967753
 Ion Ratio Lower Upper
 62 100
 98 7.3 5.7 8.5



#38
 Trichloroethene
 Concen: 9.253 ppbv
 RT: 7.82 min Scan# 1566
 Delta R.T. 0.00 min
 Lab File: VL038568.D
 Acq: 9 Mar 2022 3:19

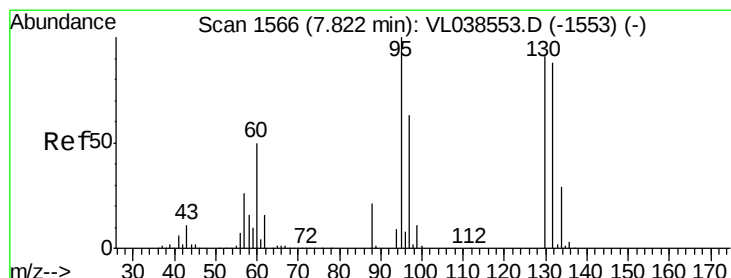
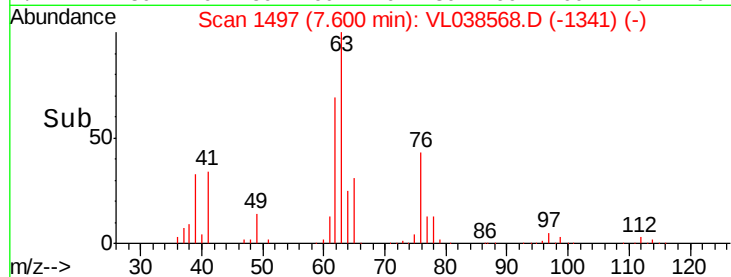
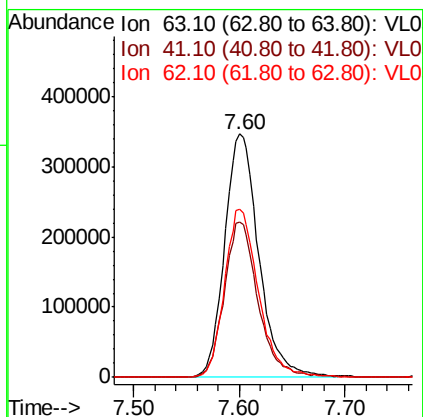
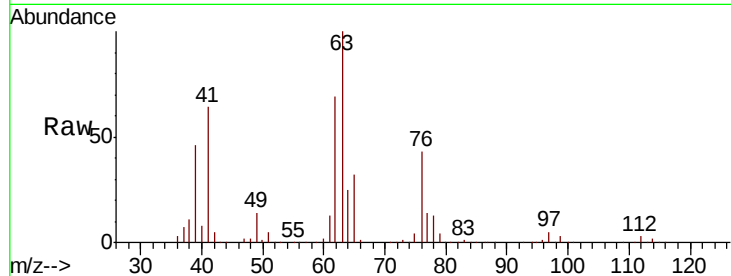
Tgt Ion:130 Resp: 758623
 Ion Ratio Lower Upper
 130 100
 95 107.7 87.8 131.8
 132 95.8 77.5 116.3
 97 70.1 55.4 83.2





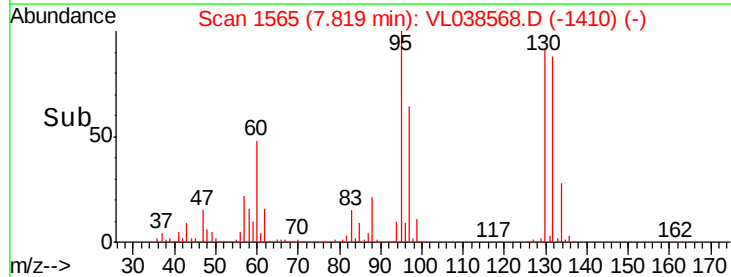
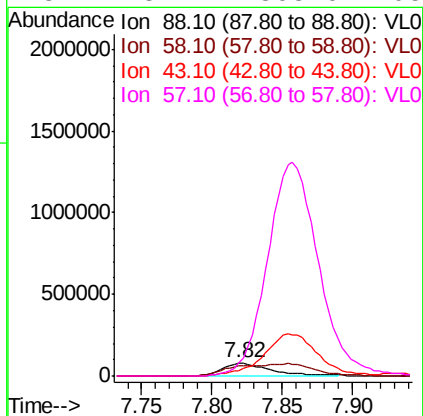
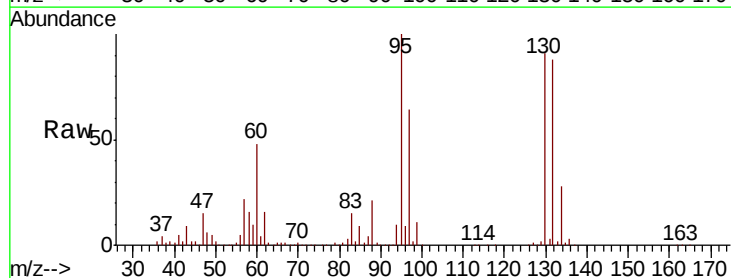
#39
 1,2-Dichloropropane
 Concen: 9.816 ppbv
 RT: 7.60
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 Acq: 9 Mar 2022 3:19

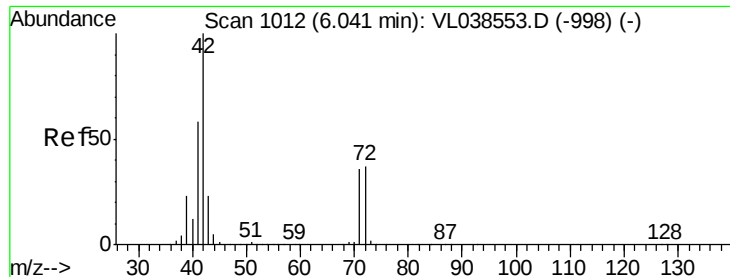
Tot Ion: 63 Resp: 774787
 Ion Ratio Lower Upper
 63 100
 41 63.9 49.8 74.6
 62 68.7 56.7 85.1



#40
 1,4-Dioxane
 Concen: 9.449 ppbv
 RT: 7.82 min Scan# 1565
 Delta R.T. -0.00 min
 Lab File: VL038568.D
 Acq: 9 Mar 2022 3:19

Tgt Ion: 88 Resp: 186654
 Ion Ratio Lower Upper
 88 100
 58 161.8 126.7 190.1
 43 370.5 303.0 454.6
 57 1781.4 1368.6 2053.0





#41

Tetrahydrofuran

Concen: 9.721 ppbv

RT: 6.04 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 9 Mar 2022 3:19

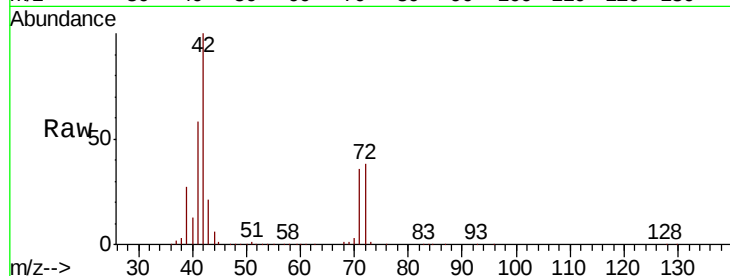
Tot Ion: 42 Resp: 468833

Ion Ratio Lower Upper

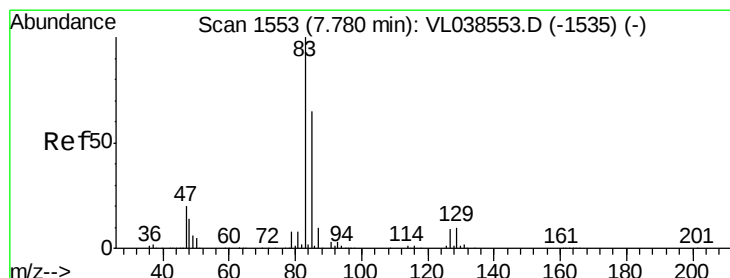
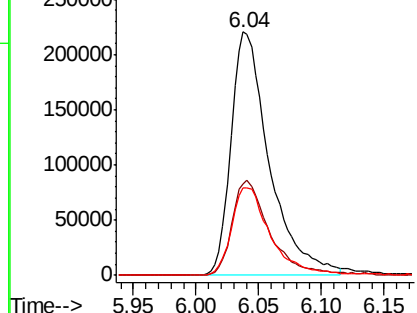
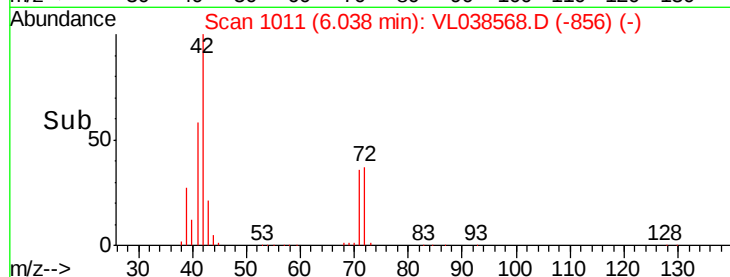
42 100

72 38.9 30.9 46.3

71 37.3 29.1 43.7



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: 9.857 ppbv

RT: 7.78 min Scan# 1552

Delta R.T. -0.00 min

Lab File: VL038568.D

Acq: 9 Mar 2022 3:19

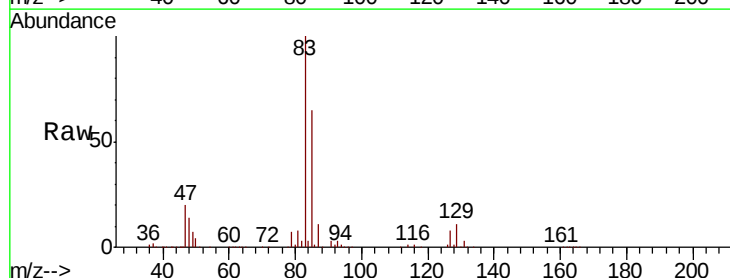
Tgt Ion: 83 Resp: 1532919

Ion Ratio Lower Upper

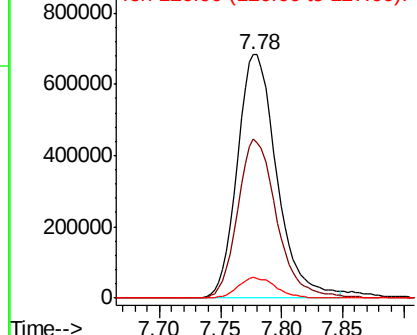
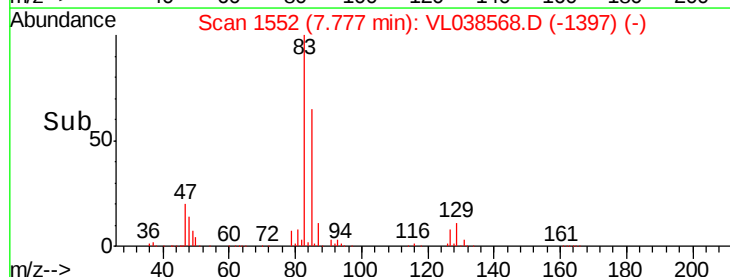
83 100

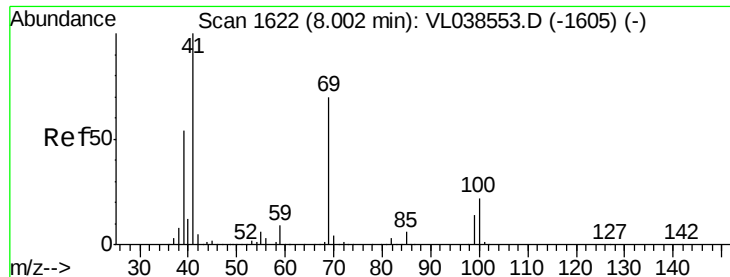
85 65.2 51.7 77.5

127 8.4 6.9 10.3



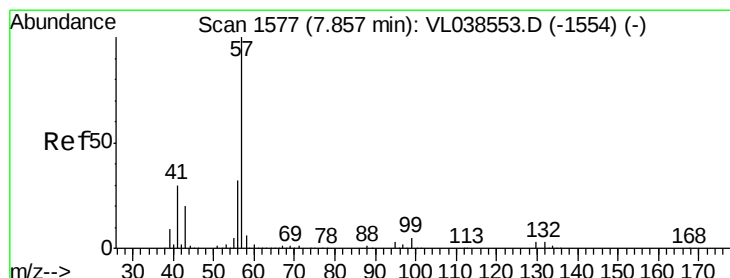
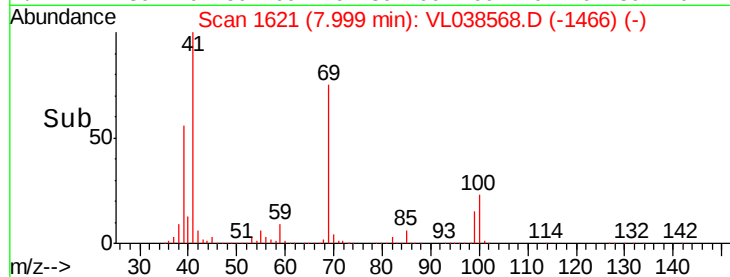
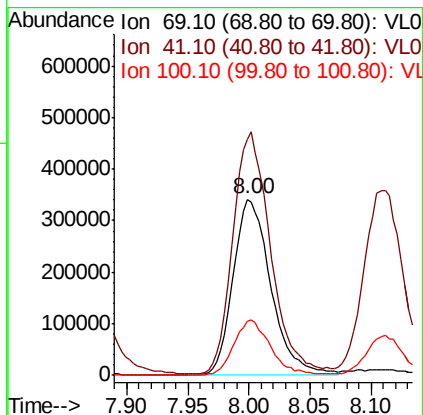
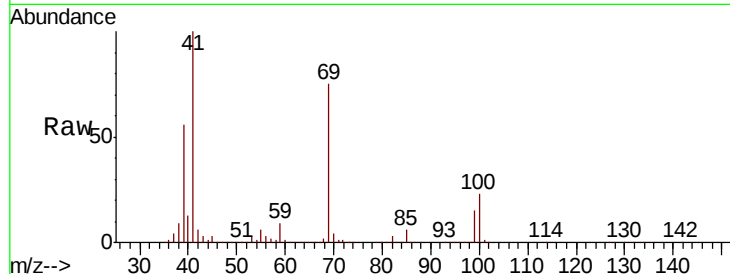
Abundance Ion 83.00 (82.70 to 83.70): VL0
Ion 85.00 (84.70 to 85.70): VL0
Ion 126.90 (126.60 to 127.60): V





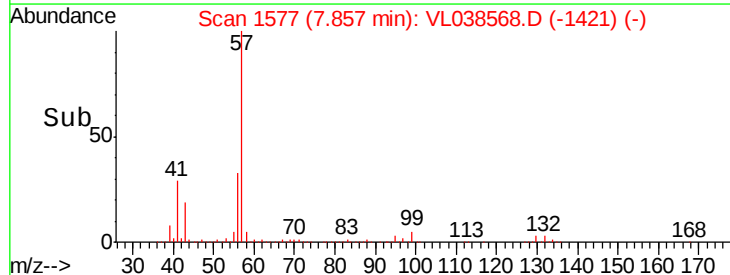
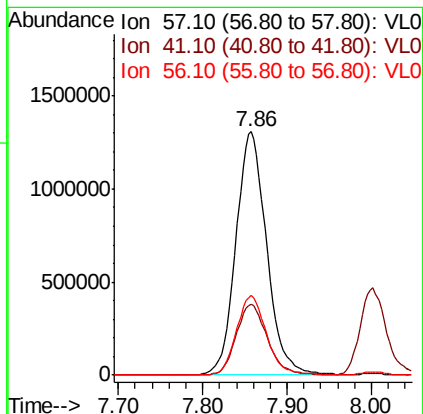
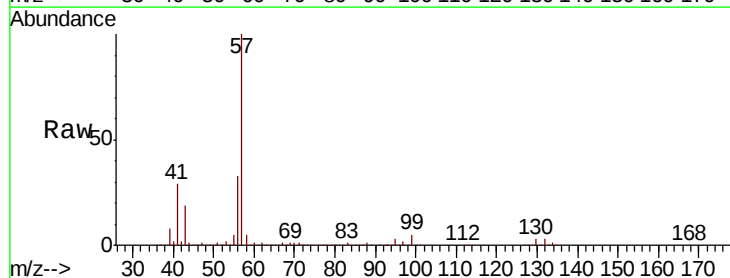
#43
Methvl Methacrylate
Concen: 10.388 ppbv
RT: 8.00
Instrument: MSVOA_L
Delta R.T.:
Lab File: ClientSampleId:
Acq: 9 Mar 2022 3:19

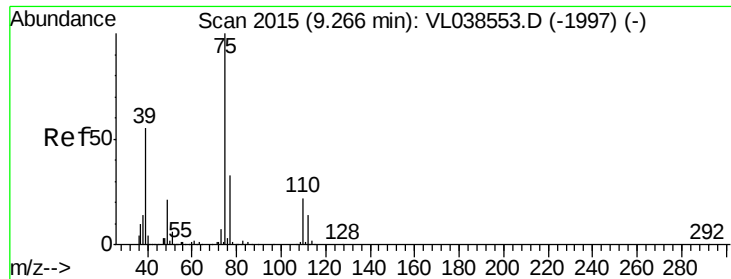
Tot Ion	69	Resp	731812
Ion Ratio	Lower	Upper	
69	100		
41	139.6	113.8	170.6
100	30.7	24.4	36.6



#44
2,2,4-Trimethylpentane
Concen: 9.567 ppbv
RT: 7.86 min Scan# 1577
Delta R.T.: 0.00 min
Lab File: VL038568.D
Acq: 9 Mar 2022 3:19

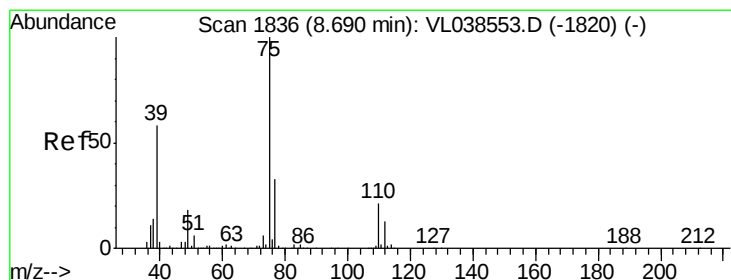
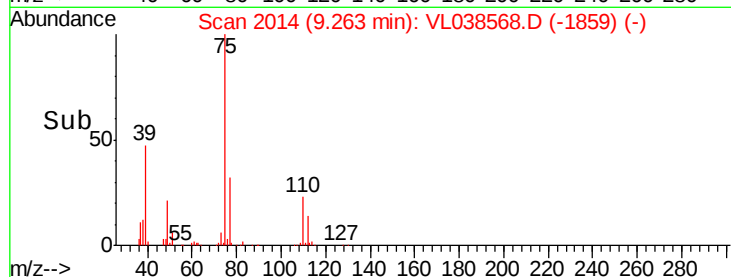
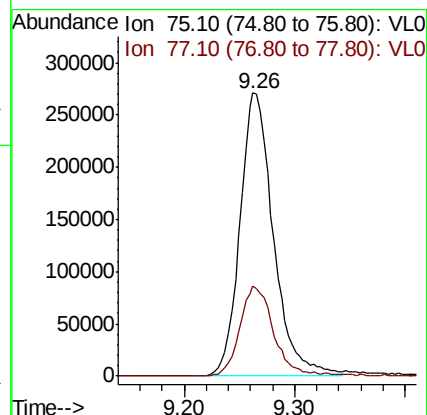
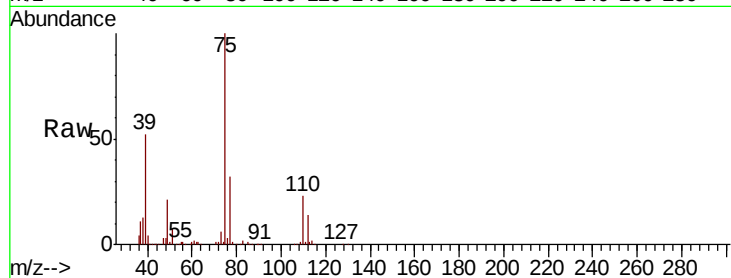
Tgt Ion	57	Resp	3319916
Ion Ratio	Lower	Upper	
57	100		
41	29.7	24.0	36.0
56	31.9	25.6	38.4





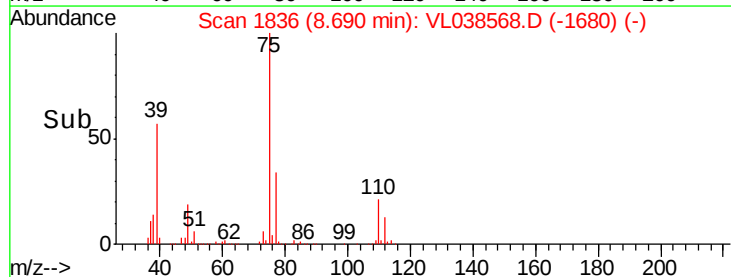
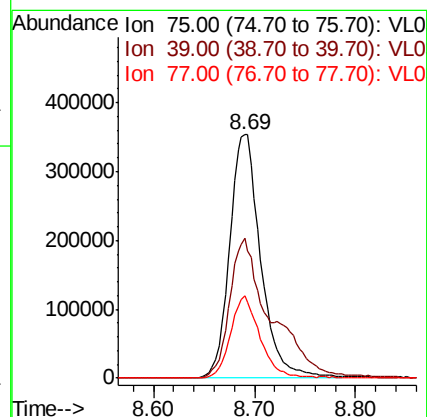
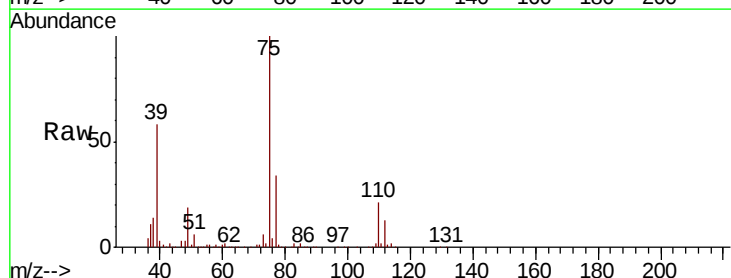
#45
t-1,3-Dichloropropene
Concen: 11.253 ppbv
RT: 9.26 Instrument :
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 9 Mar 2022 3:19

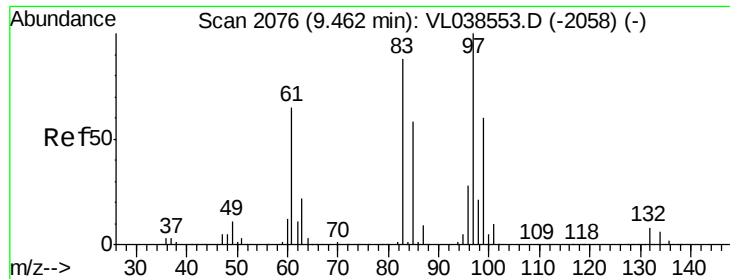
Tot Ion: 75 Resp: 571334
Ion Ratio Lower Upper
75 100
77 31.9 26.6 40.0



#46
cis-1,3-Dichloropropene
Concen: 10.955 ppbv
RT: 8.69 min Scan# 1836
Delta R.T. 0.00 min
Lab File: VL038568.D
Acq: 9 Mar 2022 3:19

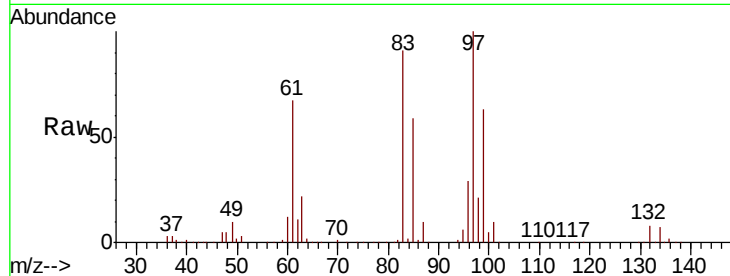
Tgt Ion: 75 Resp: 760493
Ion Ratio Lower Upper
75 100
39 57.4 46.2 69.2
77 33.6 26.2 39.2





#47
 1,1,2-Trichloroethane
 Concen: 10.009 ppbv
 RT: 9.46 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 9 Mar 2022 3:19

Tot Ion:	97	Resp:	805153
Ion	Ratio	Lower	Upper
97	100		
83	90.5	70.1	105.1
85	58.9	46.6	69.8
99	63.0	48.1	72.1



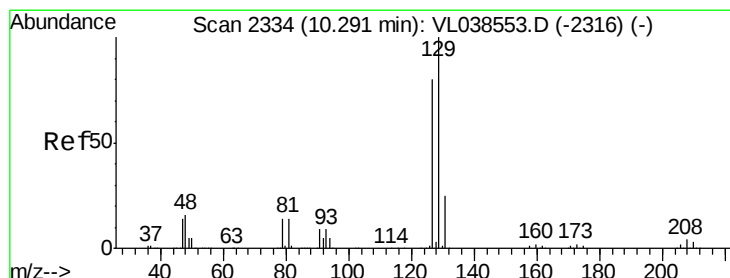
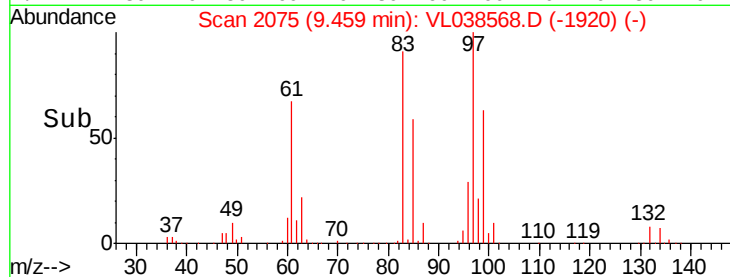
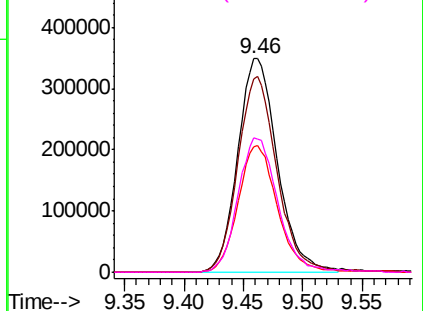
Abundance

Ion 97.00 (96.70 to 97.70): VL0

Ion 83.00 (82.70 to 83.70): VL0

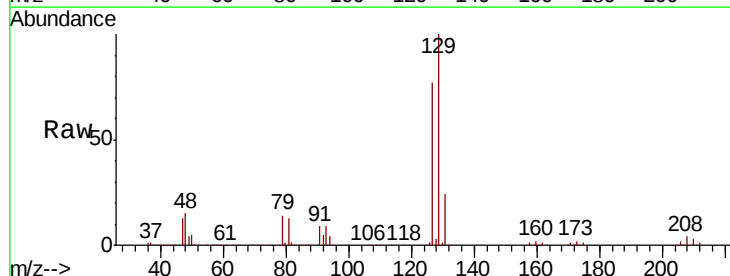
Ion 85.00 (84.70 to 85.70): VL0

Ion 99.00 (98.70 to 99.70): VL0



#48
 Dibromochloromethane
 Concen: 10.567 ppbv
 RT: 10.29 min Scan# 2334
 Delta R.T. 0.00 min
 Lab File: VL038568.D
 Acq: 9 Mar 2022 3:19

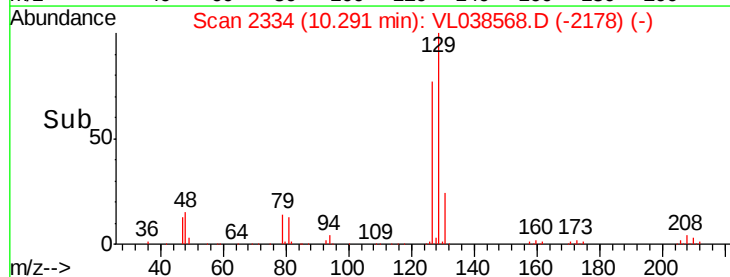
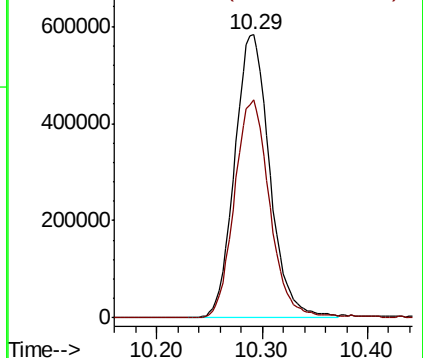
Tgt Ion:	129	Resp:	1349651
Ion	Ratio	Lower	Upper
129	100		
127	78.6	39.5	118.3

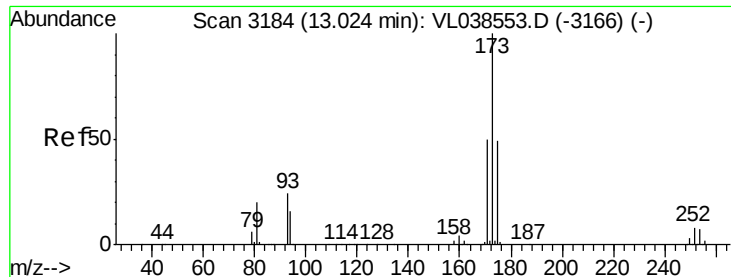


Abundance

Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V





#49

Bromoform

Concen: 10.857 ppbv

RT: 13.03

Delta R.T. MSVOA_L

Lab File:

ClientSampleId:

Acq: 9 Mar 2022 3:19

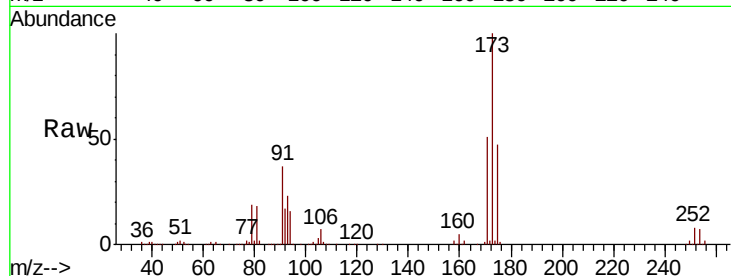
Tot Ion:173 Resp: 1062209

Ion Ratio Lower Upper

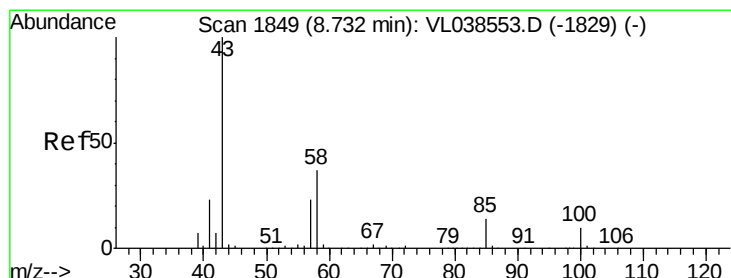
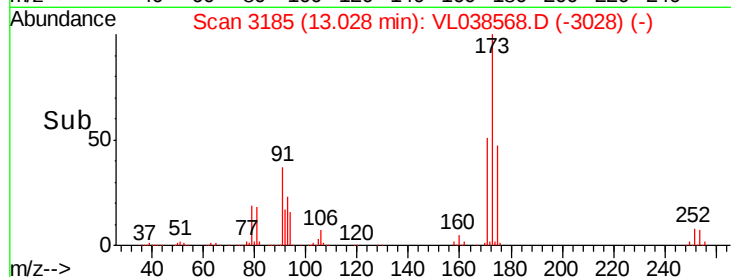
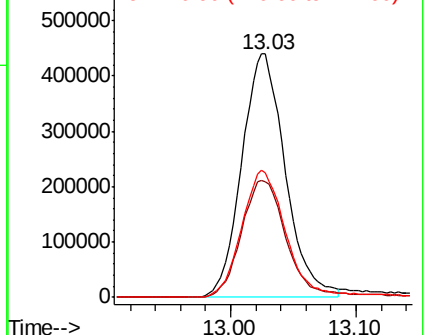
173 100

175 50.9 40.7 61.1

171 55.0 42.9 64.3



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: 10.275 ppbv

RT: 8.73 min Scan# 1848

Delta R.T. -0.00 min

Lab File: VL038568.D

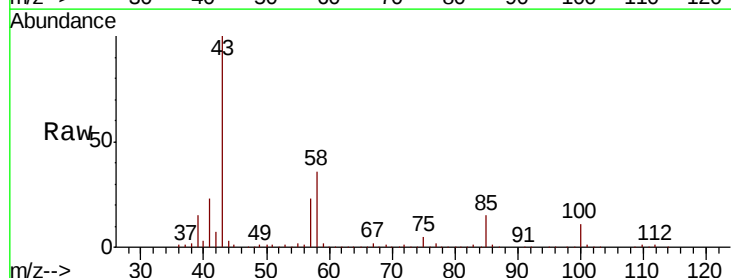
Acq: 9 Mar 2022 3:19

Tgt Ion: 43 Resp: 1241679

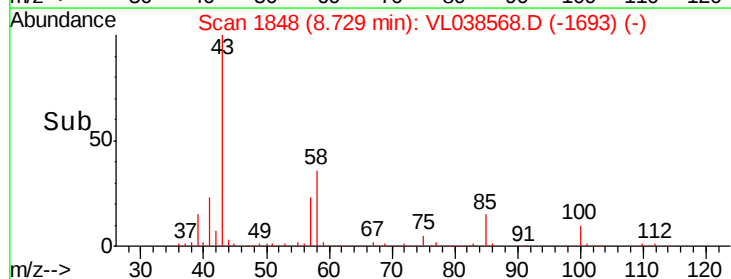
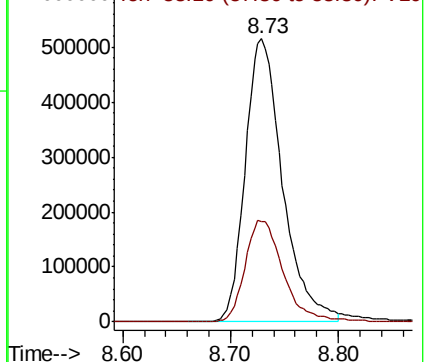
Ion Ratio Lower Upper

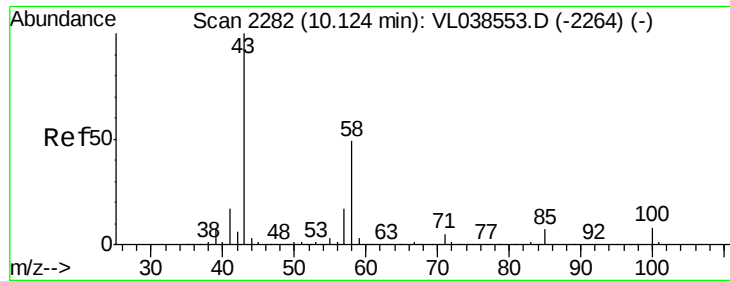
43 100

58 37.1 29.2 43.8



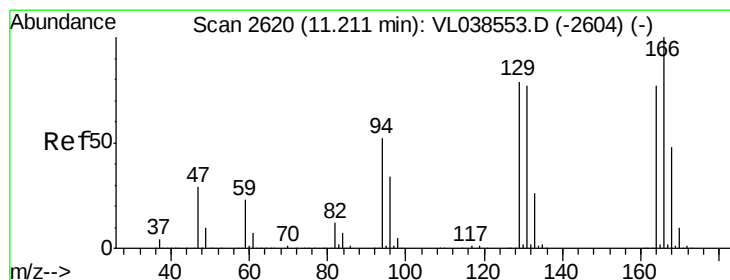
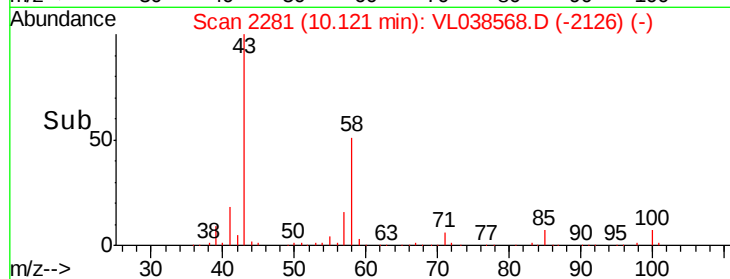
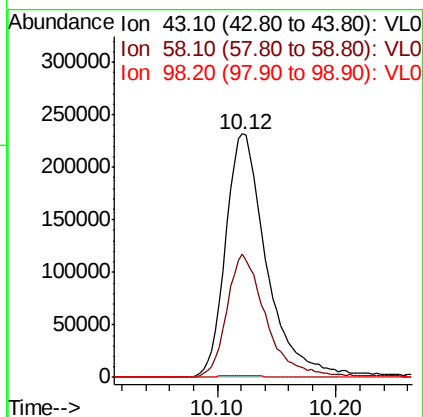
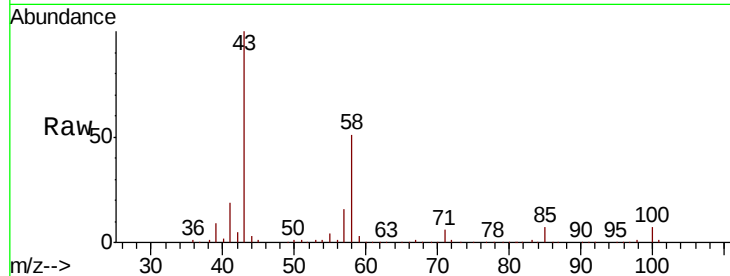
Abundance Ion 43.10 (42.80 to 43.80): VL0
Ion 58.10 (57.80 to 58.80): VL0





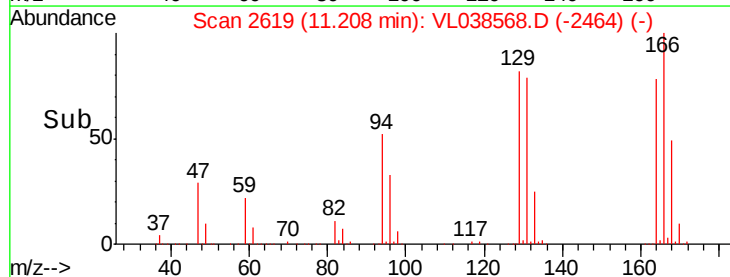
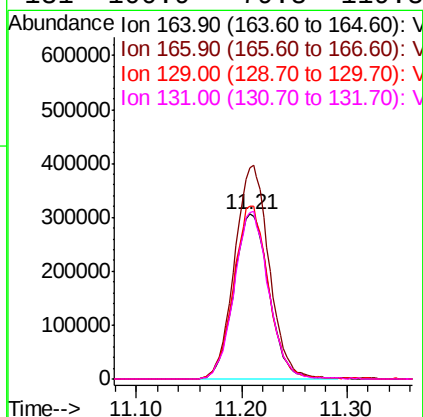
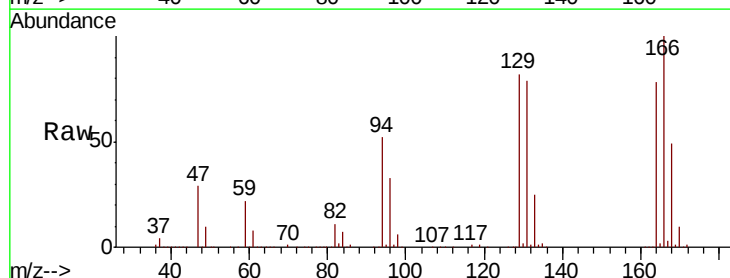
#51
2-Hexanone
Concen: 10.727 ppbv
RT: 10.12 min
Delta R.T.: MSVOA_L
Lab File: ClientSampleId :
Acq: 9 Mar 2022 3:19

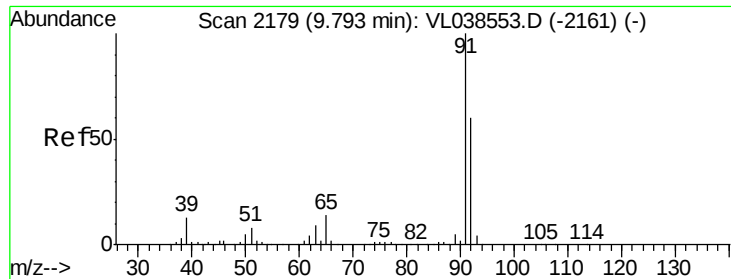
Tot Ion	Ratio	Lower	Upper
43	100		
58	49.6	40.1	60.1
98	0.8	0.4	0.6



#52
Tetrachloroethene
Concen: 9.415 ppbv
RT: 11.21 min Scan# 2619
Delta R.T.: -0.00 min
Lab File: VL038568.D
Acq: 9 Mar 2022 3:19

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.3	103.4	155.2
129	105.0	81.3	121.9
131	100.9	79.8	119.8





#53

Toluene

Concen: 10.389 ppbv

RT: 9.79 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

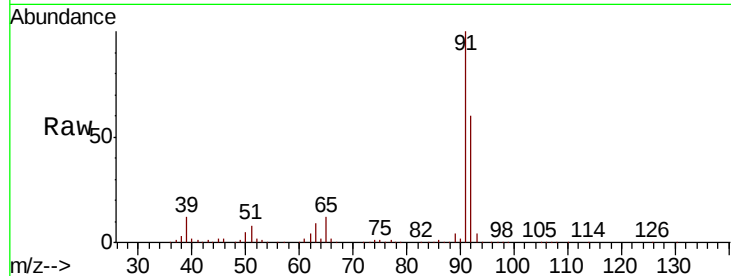
Acq: 9 Mar 2022 3:19

Tot Ion: 91 Resp: 2276076

Ion Ratio Lower Upper

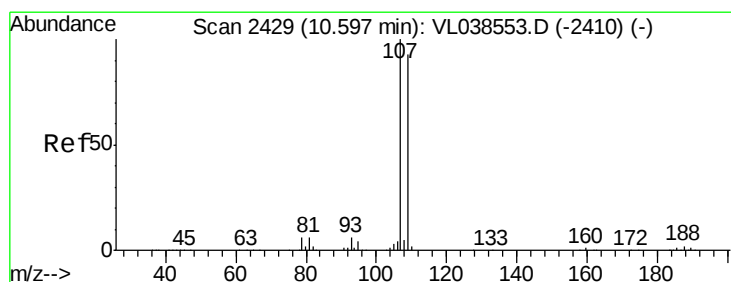
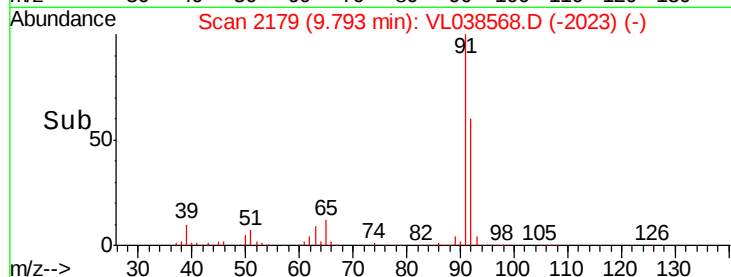
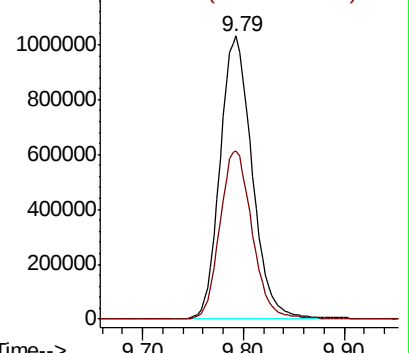
91 100

92 60.1 48.1 72.1



Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 92.10 (91.80 to 92.80): VL0



#54

1,2-Dibromoethane

Concen: 10.097 ppbv

RT: 10.60 min Scan# 2429

Delta R.T. 0.00 min

Lab File: VL038568.D

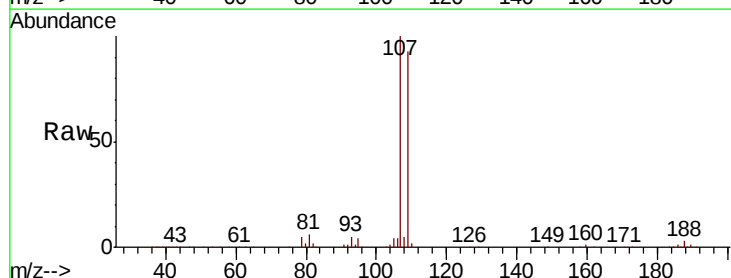
Acq: 9 Mar 2022 3:19

Tgt Ion: 107 Resp: 1160564

Ion Ratio Lower Upper

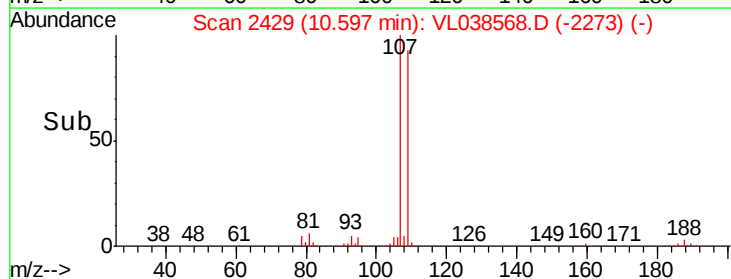
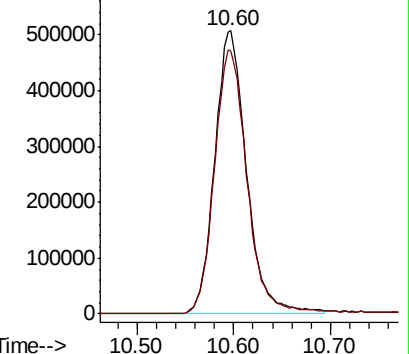
107 100

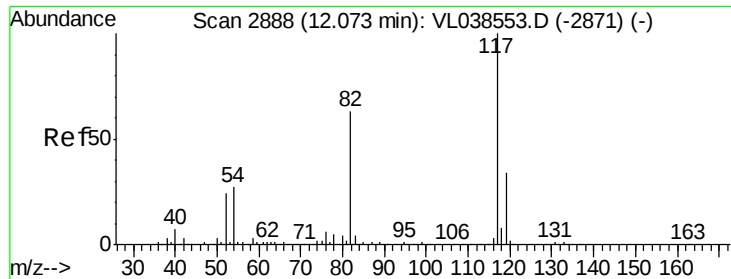
109 92.7 74.6 112.0



Abundance Ion 107.00 (106.70 to 107.70): V

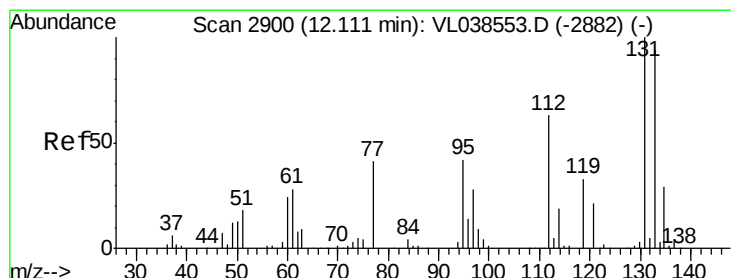
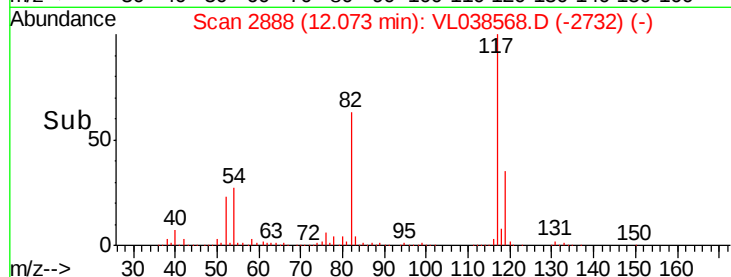
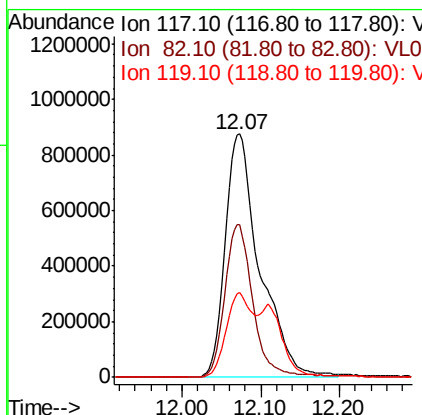
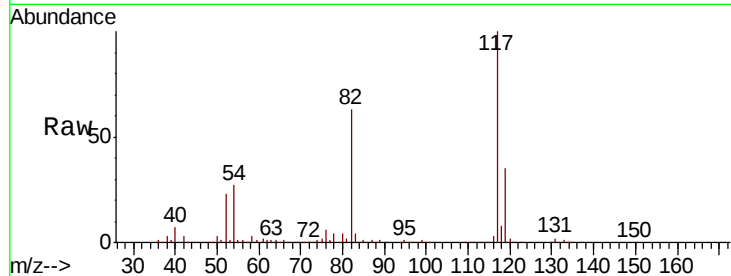
Ion 109.00 (108.70 to 109.70): V





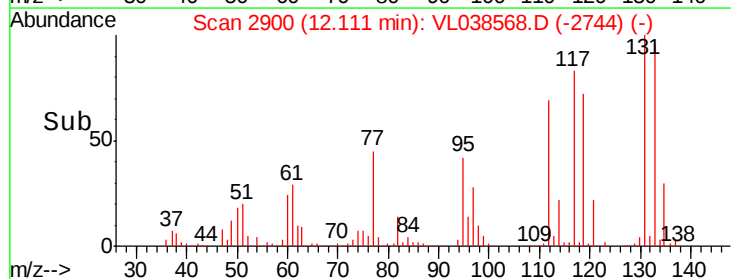
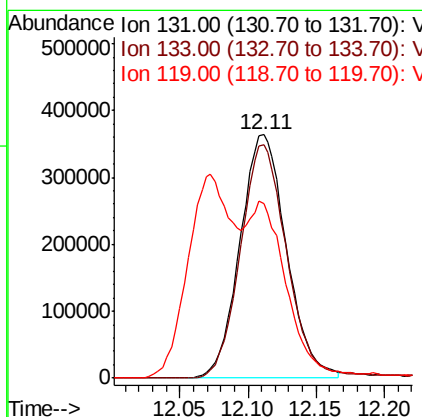
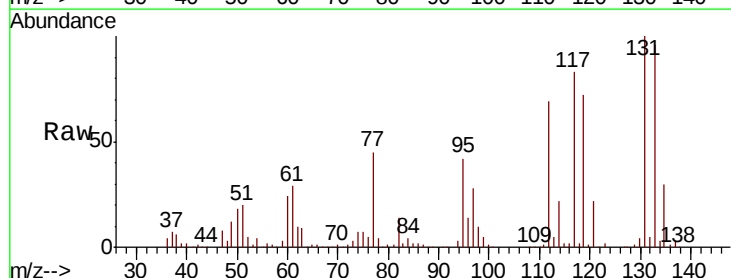
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.07 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
Acq: 9 Mar 2022 3:19

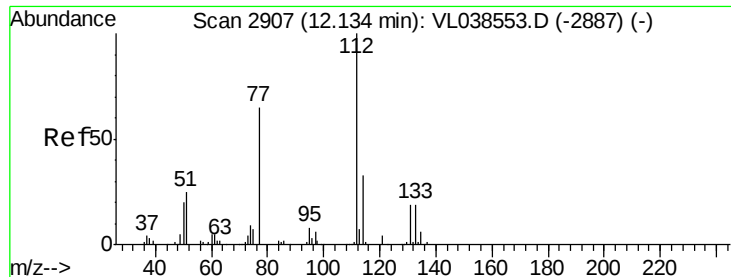
Tot Ion:117 Resp: 2681819
Ion Ratio Lower Upper
117 100
82 51.5 52.5 78.7#
119 26.8 46.4 69.6#



#56
1,1,1,2-Tetrachloroethane
Concen: 7.877 ppbv
RT: 12.11 min Scan# 2900
Delta R.T.: 0.00 min
Lab File: VL038568.D
Acq: 9 Mar 2022 3:19

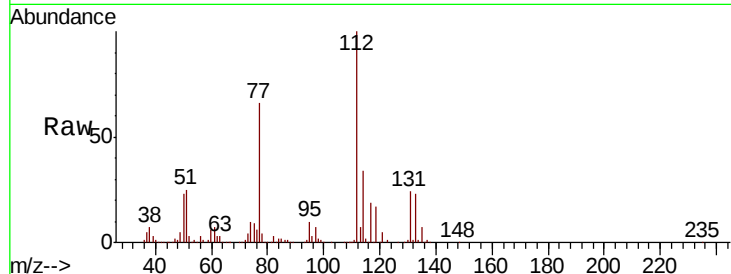
Tgt Ion:131 Resp: 860488
Ion Ratio Lower Upper
131 100
133 98.0 78.0 117.0
119 67.2 53.1 79.7



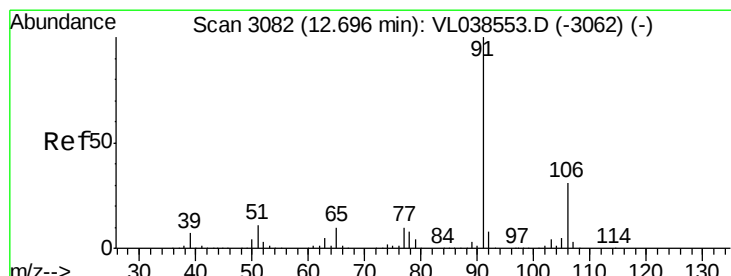
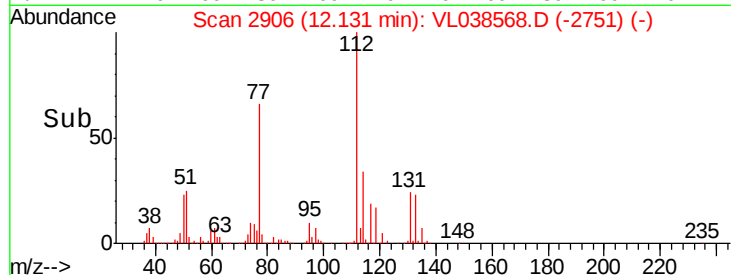
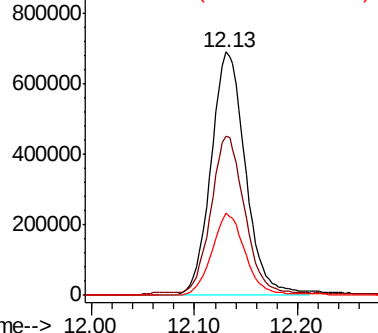


#57
Chlorobenzene
Concen: 7.823 ppbv
RT: 12.13 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
Acq: 9 Mar 2022 3:19

Tot Ion: 112 Resp: 1601805
Ion Ratio Lower Upper
112 100
77 64.5 52.5 78.7
114 33.9 30.0 36.6

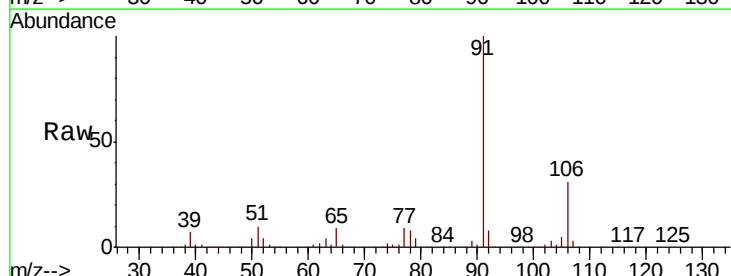


Abundance Ion 112.10 (111.80 to 112.80): V
Ion 77.10 (76.80 to 77.80): VL0
Ion 114.10 (113.80 to 114.80): V

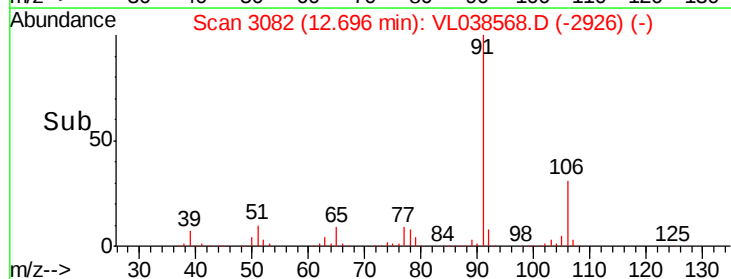
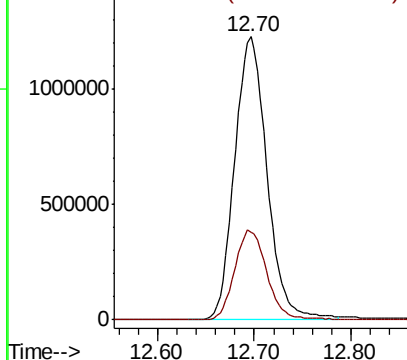


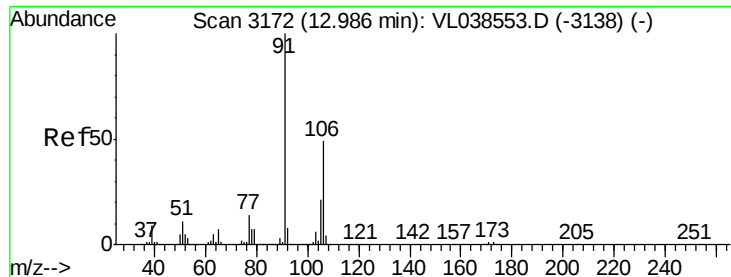
#58
Ethyl Benzene
Concen: 8.217 ppbv
RT: 12.70 min Scan# 3082
Delta R.T.: 0.00 min
Lab File: VL038568.D
Acq: 9 Mar 2022 3:19

Tgt Ion: 91 Resp: 2853244
Ion Ratio Lower Upper
91 100
106 31.0 24.6 37.0



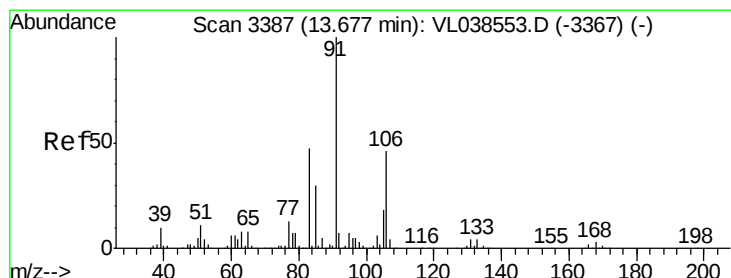
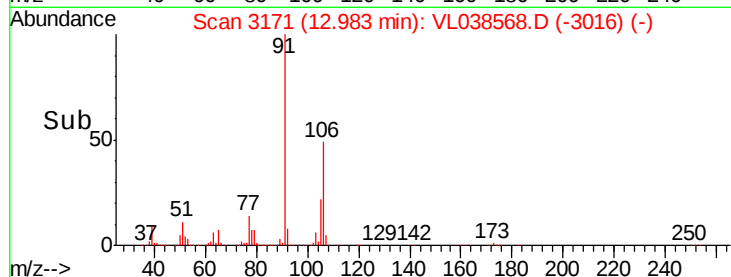
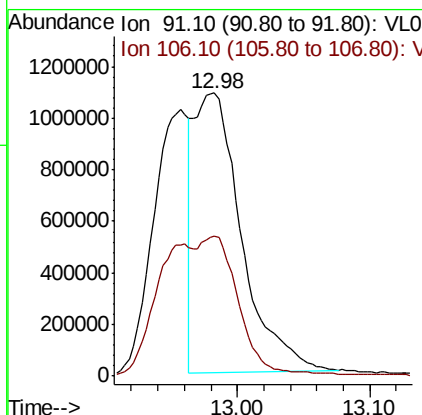
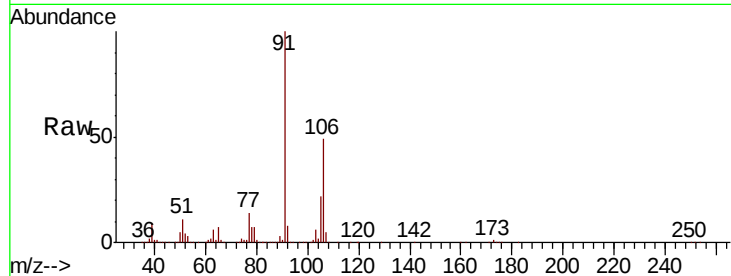
Abundance Ion 91.10 (90.80 to 91.80): VL0
Ion 106.10 (105.80 to 106.80): V





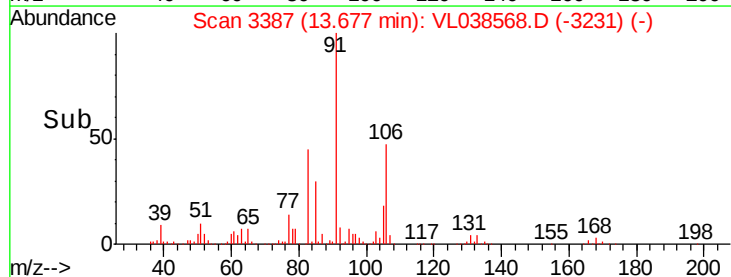
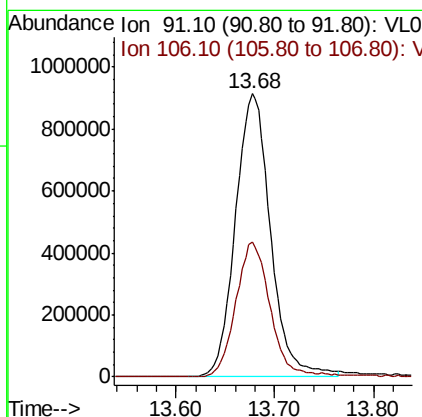
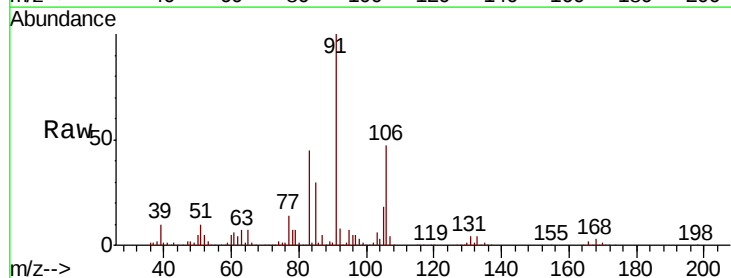
#59
m/p-Xylene
Concen: 9.003 ppbv
RT: 12.98 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
Acq: 9 Mar 2022 3:19

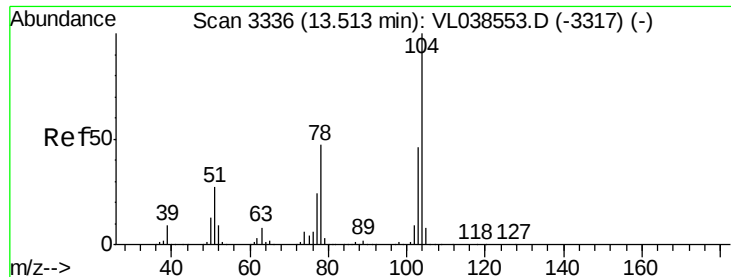
Tot Ion: 91 Resp: 2676209
Ion Ratio Lower Upper
91 100
106 83.1 37.1 55.7#



#60
o-Xylene
Concen: 8.016 ppbv
RT: 13.68 min Scan# 3387
Delta R.T.: 0.00 min
Lab File: VL038568.D
Acq: 9 Mar 2022 3:19

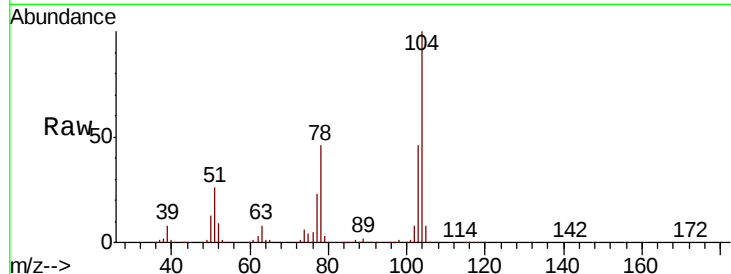
Tgt Ion: 91 Resp: 2250134
Ion Ratio Lower Upper
91 100
106 47.7 23.5 70.6



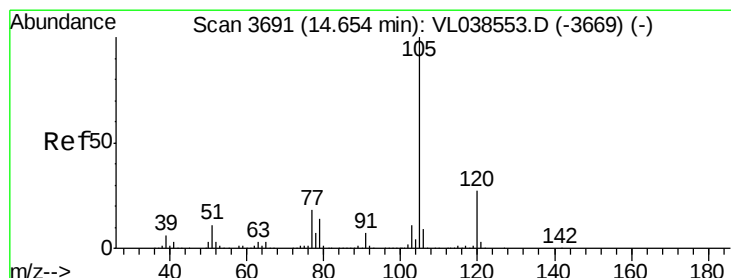
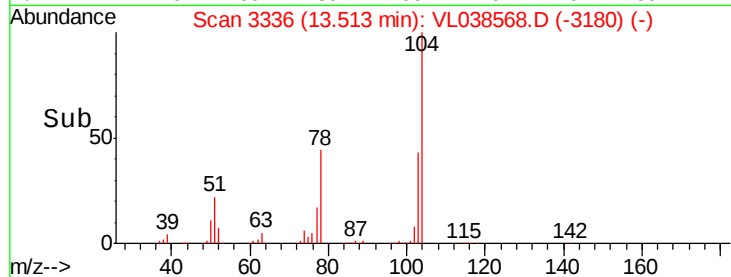
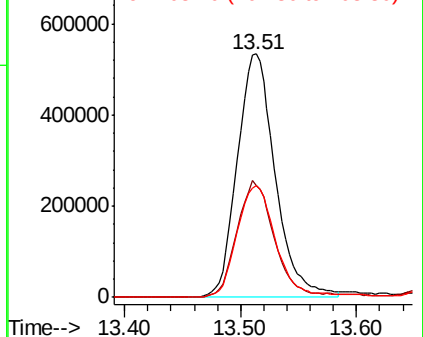


#61
Stvrene
Concen: 8.813 ppbv
RT: 13.51 min
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 9 Mar 2022 3:19

Tot Ion:104 Resp: 1218955
Ion Ratio Lower Upper
104 100
78 48.0 39.0 58.4
103 47.6 38.0 57.0

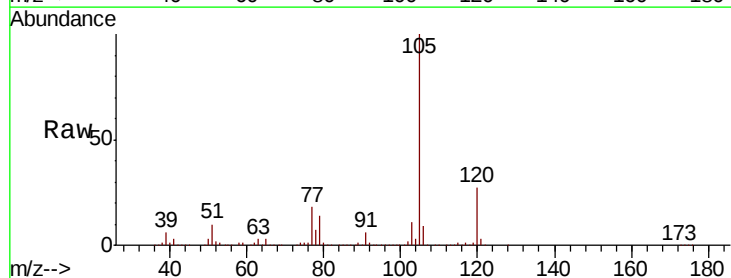


Abundance Ion 104.10 (103.80 to 104.80): V
Ion 78.10 (77.80 to 78.80): VL0
Ion 103.10 (102.80 to 103.80): V

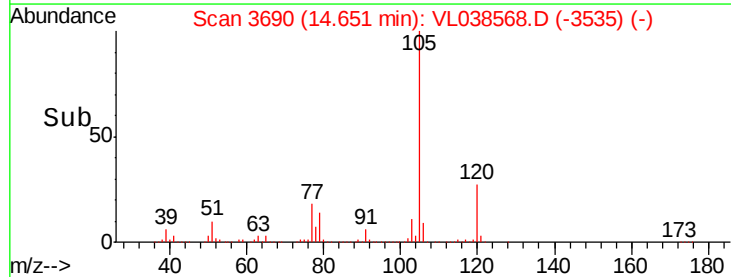
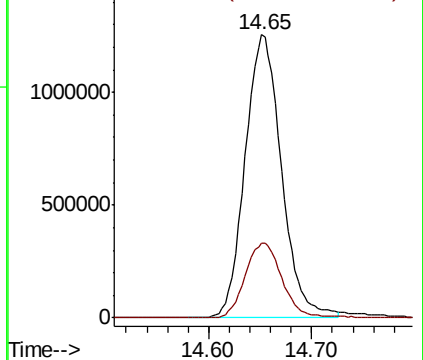


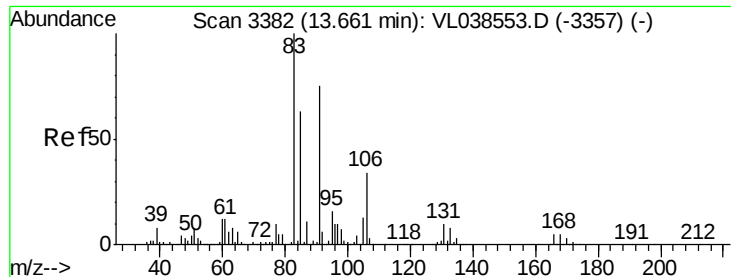
#62
Isopropylbenzene
Concen: 7.952 ppbv
RT: 14.65 min Scan# 3690
Delta R.T. -0.00 min
Lab File: VL038568.D
Acq: 9 Mar 2022 3:19

Tgt Ion:105 Resp: 3079777
Ion Ratio Lower Upper
105 100
120 27.2 21.2 31.8



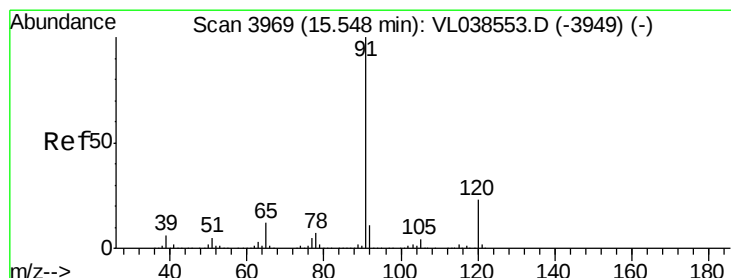
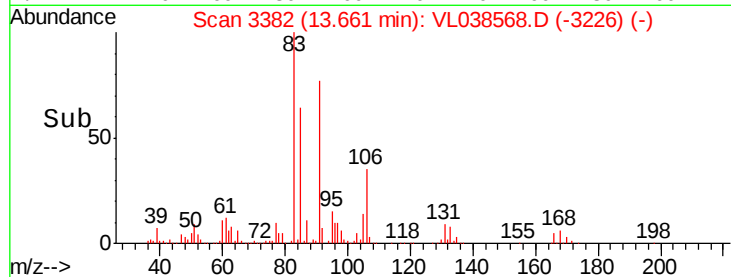
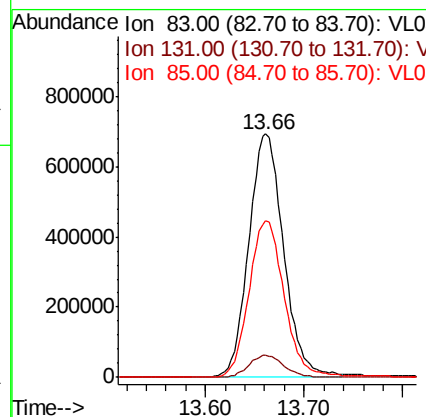
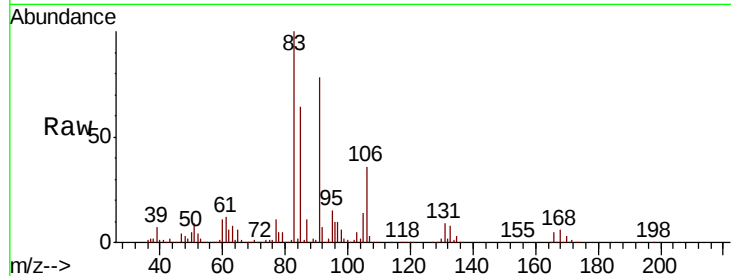
Abundance Ion 105.10 (104.80 to 105.80): V
Ion 120.20 (119.90 to 120.90): V





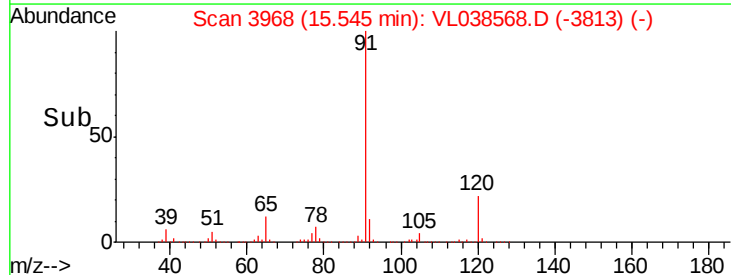
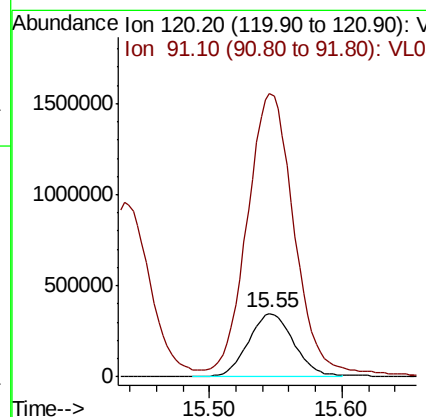
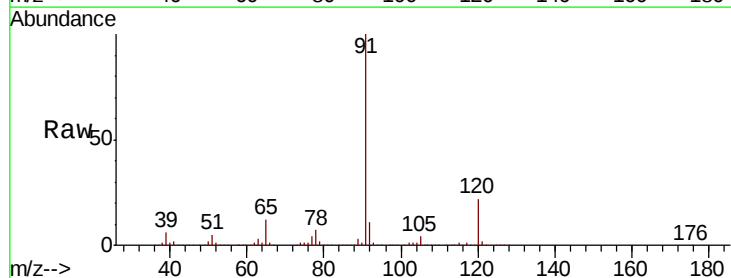
#63
 1,1,2,2-Tetrachloroethane
 Concen: 7.141 ppbv
 RT: 13.66 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 9 Mar 2022 3:19

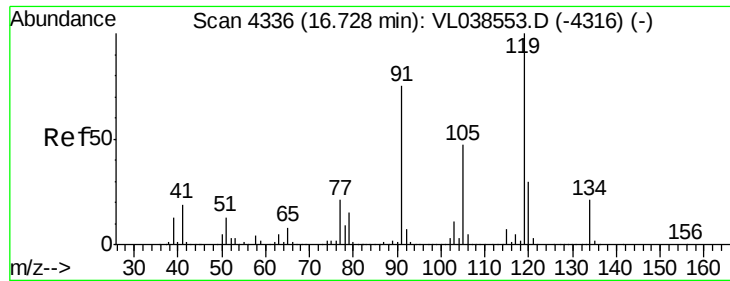
Tot Ion: 83 Resp: 1693593
 Ion Ratio Lower Upper
 83 100
 131 9.3 4.7 14.1
 85 66.0 32.6 98.0



#64
 n-propylbenzene
 Concen: 8.385 ppbv
 RT: 15.55 min Scan# 3968
 Delta R.T. -0.00 min
 Lab File: VL038568.D
 Acq: 9 Mar 2022 3:19

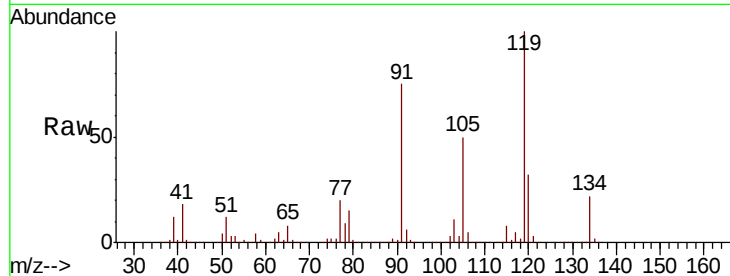
Tgt Ion: 120 Resp: 827667
 Ion Ratio Lower Upper
 120 100
 91 471.0 374.2 561.2



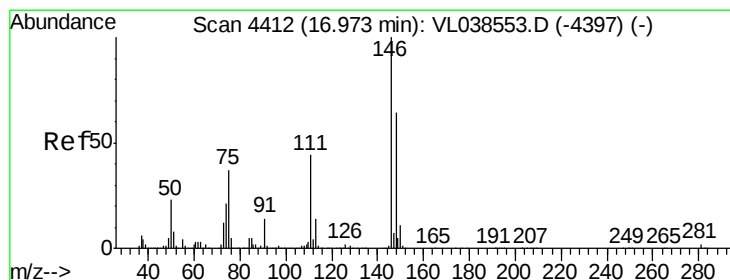
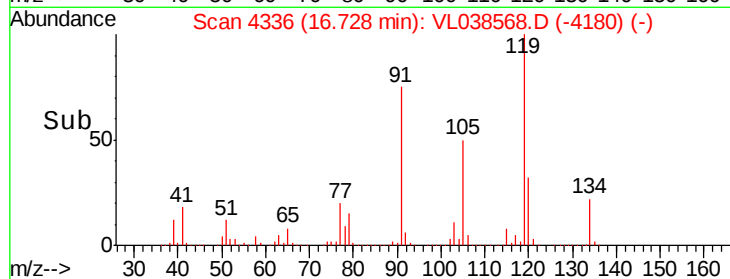
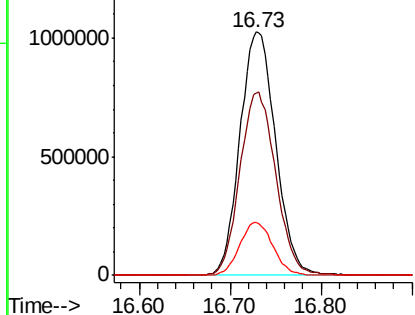


#65
 tert-Butylbenzene
 Concen: 8.059 ppbv
 RT: 16.73 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 Acq: 9 Mar 2022 3:19

Tot Ion: 119 Resp: 2791206
 Ion Ratio Lower Upper
 119 100
 91 75.9 61.2 91.8
 134 20.4 16.2 24.2

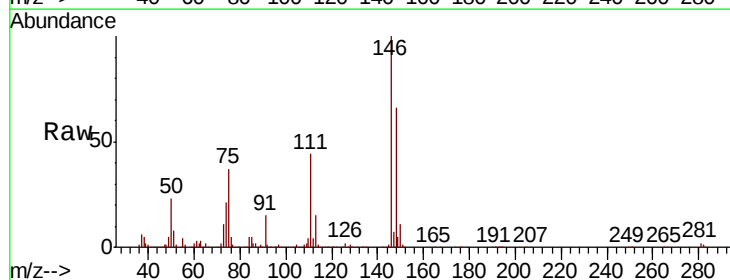


Abundance Ion 119.20 (118.90 to 119.90): V
 Ion 91.10 (90.80 to 91.80): VL0
 Ion 134.20 (133.90 to 134.90): V

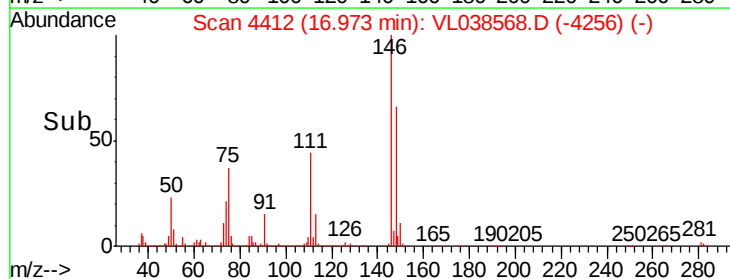
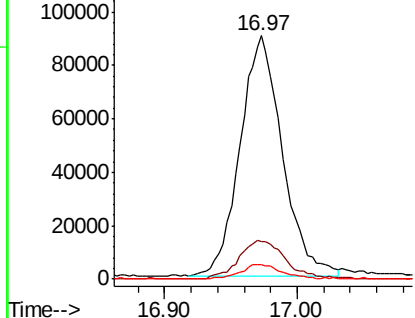


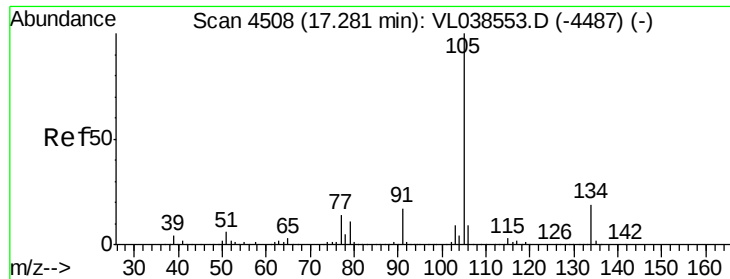
#66
 Benzyl Chloride
 Concen: 9.730 ppbv
 RT: 16.97 min Scan# 4412
 Delta R.T.: 0.00 min
 Lab File: VL038568.D
 Acq: 9 Mar 2022 3:19

Tgt Ion: 91 Resp: 199690
 Ion Ratio Lower Upper
 91 100
 126 17.9 14.1 21.1
 128 6.2 5.1 7.7



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





#67

sec-Butylbenzene

Concen: 8.233 ppbv

RT: 17.28 min

Delta R.T. MSVOA_L

Lab File:

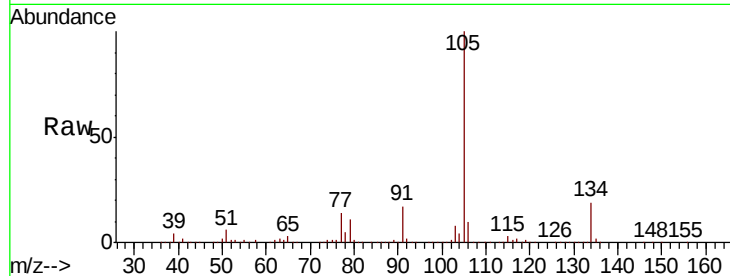
Acq: 9 Mar 2022 3:19

Tot Ion: 105 Resp: 4053099

Ion Ratio Lower Upper

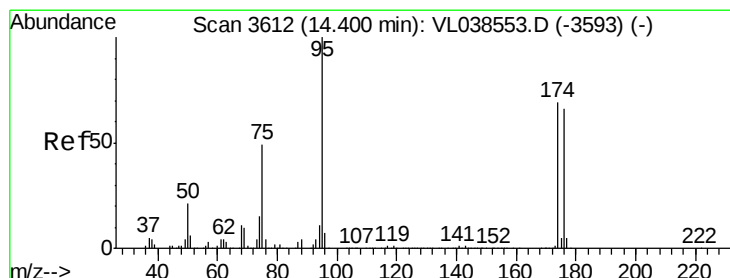
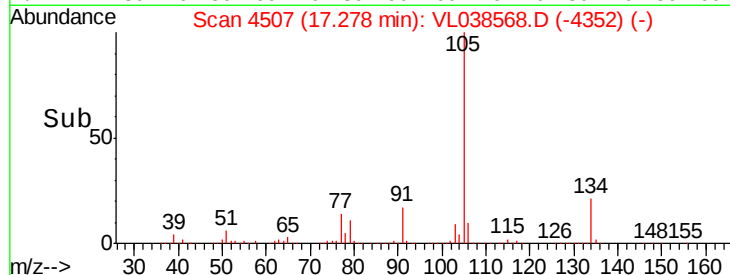
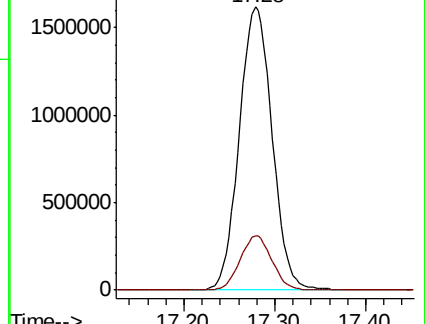
105 100

134 18.8 15.0 22.6



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: 8.334 ppbv

RT: 14.40 min Scan# 3611

Delta R.T. -0.00 min

Lab File: VL038568.D

Acq: 9 Mar 2022 3:19

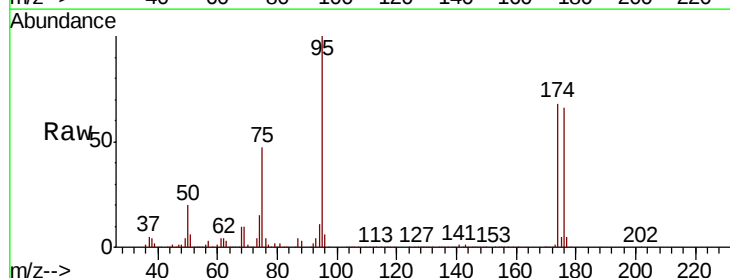
Tgt Ion: 95 Resp: 1699178

Ion Ratio Lower Upper

95 100

174 72.6 56.2 84.4

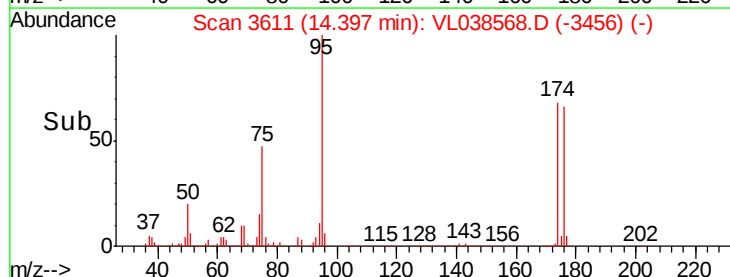
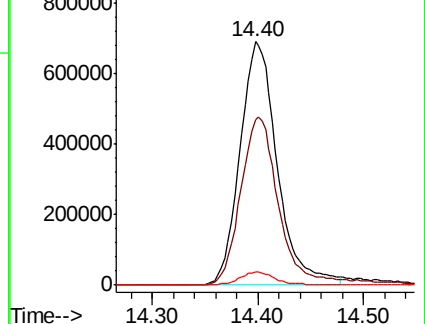
175 5.2 4.2 6.2

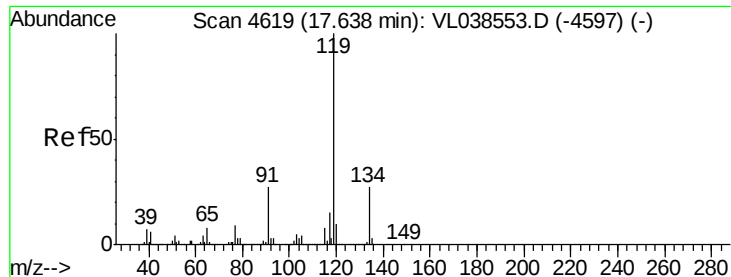


Abundance Ion 95.10 (94.80 to 95.80): VL0

Ion 174.00 (173.70 to 174.70): V

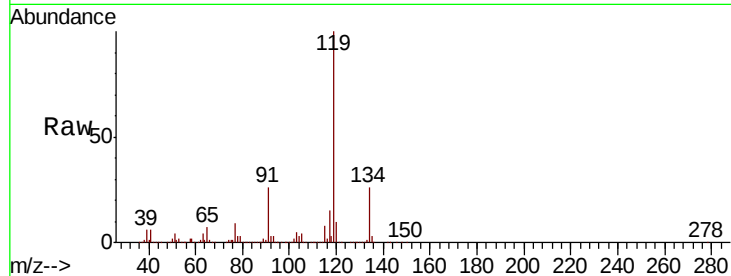
Ion 175.00 (174.70 to 175.70): V



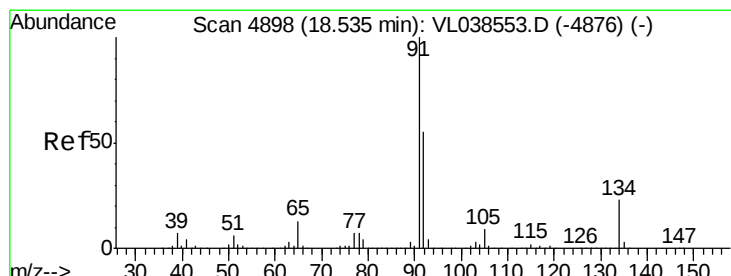
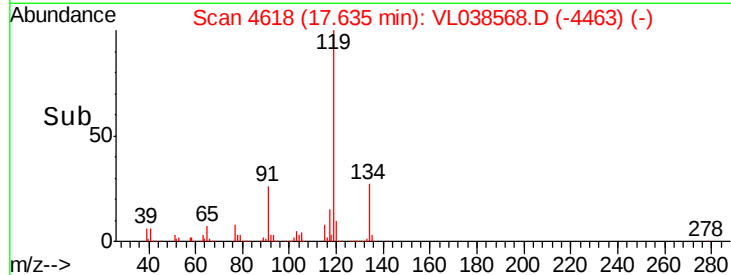
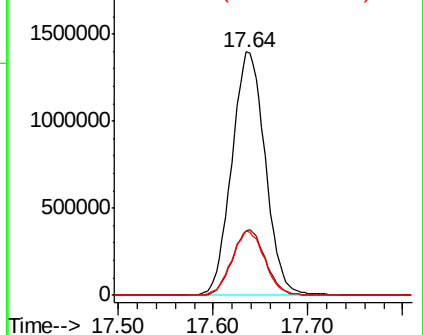


#69
 p-Isopropyltoluene
 Concen: 8.408 ppbv
 RT: 17.64 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 9 Mar 2022 3:19

Tot Ion: 119 Resp: 3428880
 Ion Ratio Lower Upper
 119 100
 134 26.6 20.9 31.3
 91 26.0 21.1 31.7

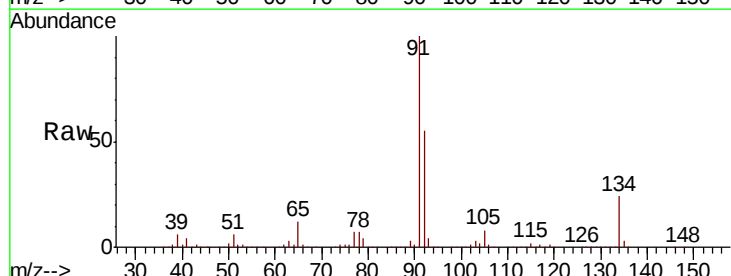


Abundance Ion 119.10 (118.80 to 119.80): V
 Ion 134.20 (133.90 to 134.90): V
 Ion 91.10 (90.80 to 91.80): V

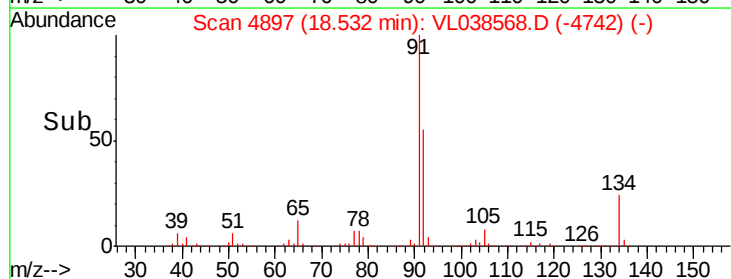
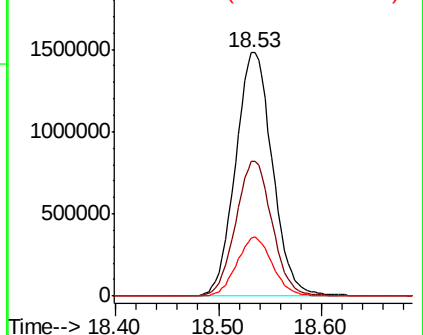


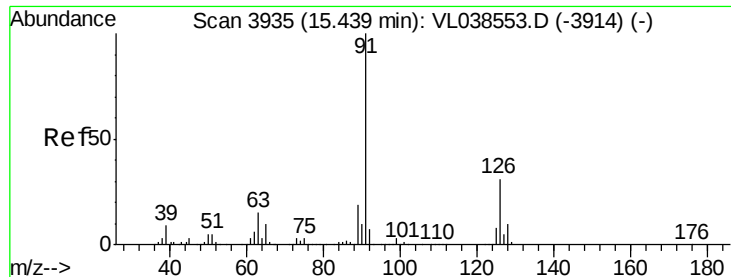
#70
 n-Butylbenzene
 Concen: 8.466 ppbv
 RT: 18.53 min Scan# 4897
 Delta R.T. -0.00 min
 Lab File: VL038568.D
 Acq: 9 Mar 2022 3:19

Tgt Ion: 91 Resp: 3677160
 Ion Ratio Lower Upper
 91 100
 92 55.0 43.8 65.8
 134 23.5 18.7 28.1



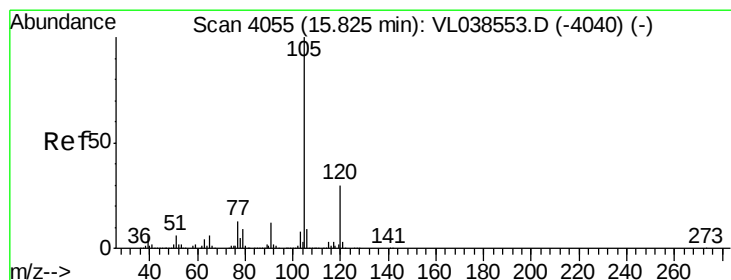
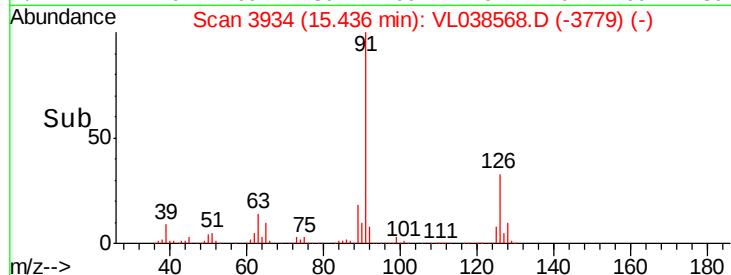
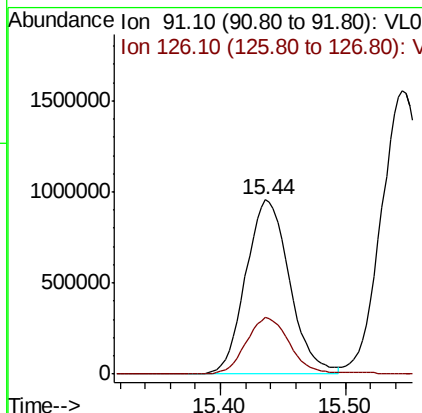
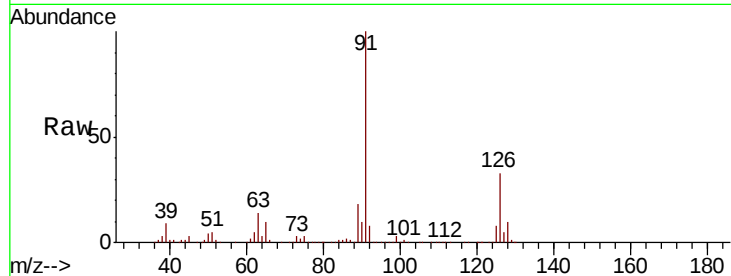
Abundance Ion 91.10 (90.80 to 91.80): VL0
 Ion 92.10 (91.80 to 92.80): VL0
 Ion 134.20 (133.90 to 134.90): V





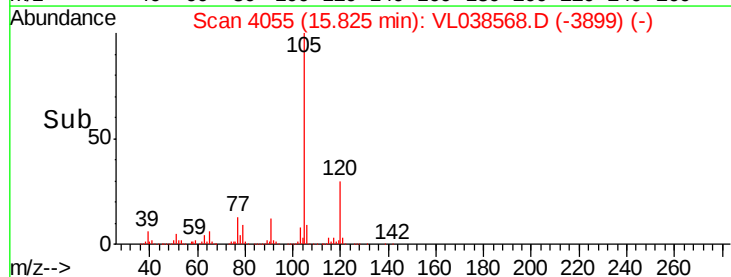
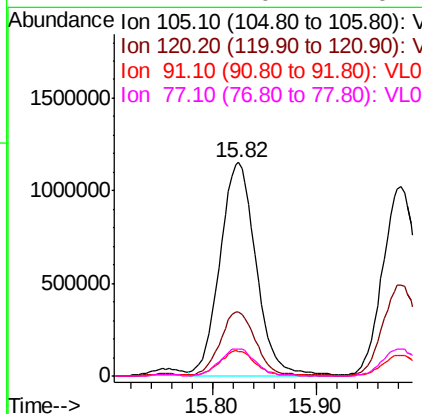
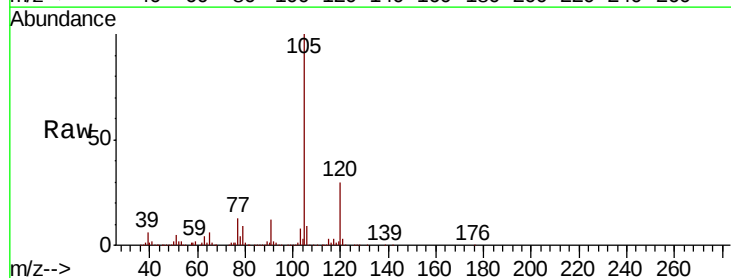
#71
 2-Chlorotoluene
 Concen: 8.085 ppbv
 RT: 15.44 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId:
 Acq: 9 Mar 2022 3:19

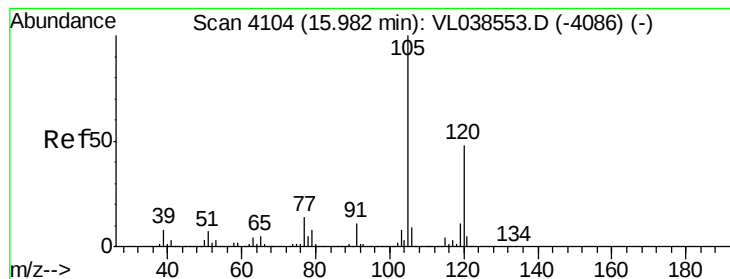
Tot Ion: 91 Resp: 2325195
 Ion Ratio Lower Upper
 91 100
 126 33.5 12.9 51.7



#72
 4-Ethyltoluene
 Concen: 8.690 ppbv
 RT: 15.82 min Scan# 4055
 Delta R.T. 0.00 min
 Lab File: VL038568.D
 Acq: 9 Mar 2022 3:19

Tgt Ion:105 Resp: 2801963
 Ion Ratio Lower Upper
 105 100
 120 30.1 25.0 37.4
 91 12.4 9.8 14.6
 77 12.7 10.7 16.1





#73

1,3,5-Trimethylbenzene

Concen: 8.269 ppbv

RT: 15.98 min

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

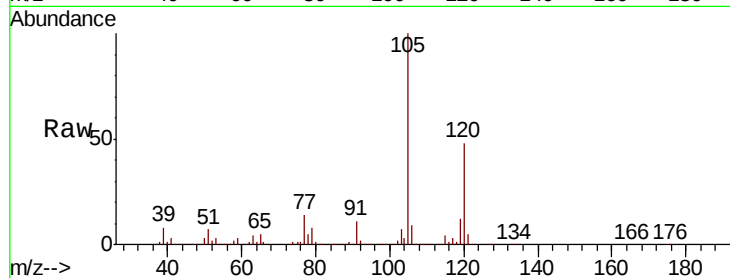
Acq: 9 Mar 2022 3:19

Tot Ion:105 Resp: 2475104

Ion Ratio Lower Upper

105 100

120 48.0 38.3 57.5



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V

1200000

1000000

800000

600000

400000

200000

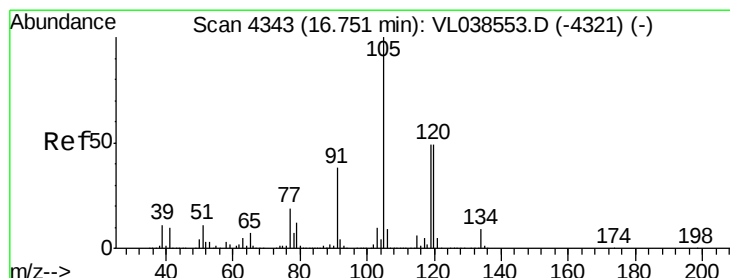
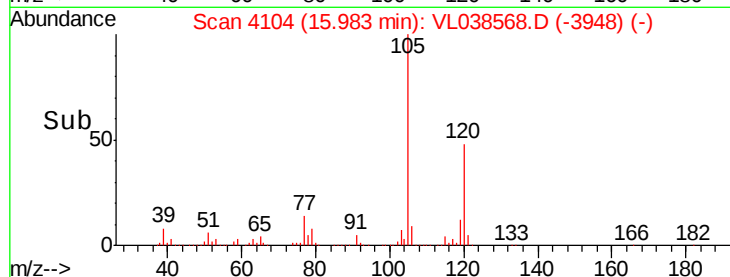
0

15.90

16.00

16.10

Time-->



#74

1,2,4-Trimethylbenzene

Concen: 8.143 ppbv

RT: 16.75 min Scan# 4342

Delta R.T. -0.00 min

Lab File: VL038568.D

Acq: 9 Mar 2022 3:19

Tgt Ion:105 Resp: 2603664

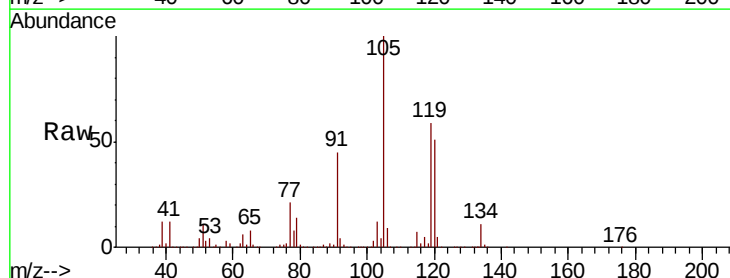
Ion Ratio Lower Upper

105 100

120 50.6 38.9 58.3

91 44.7 30.6 46.0

77 21.0 15.2 22.8



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

1500000

1000000

500000

0

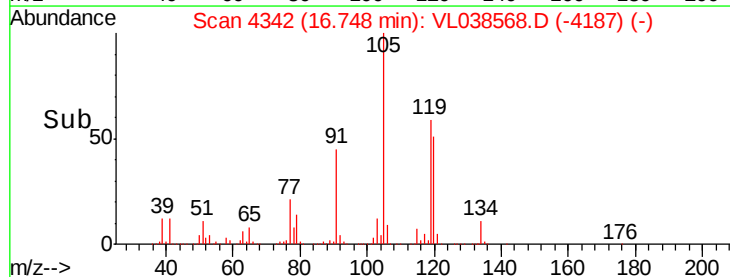
16.60

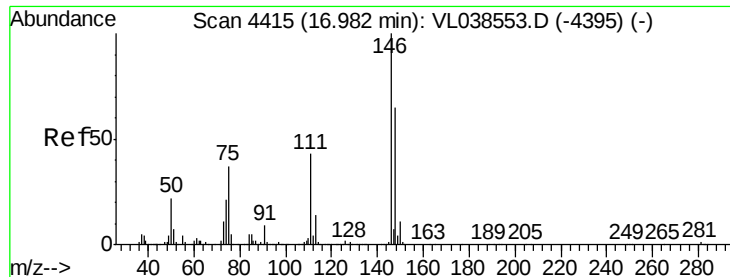
16.70

16.80

16.90

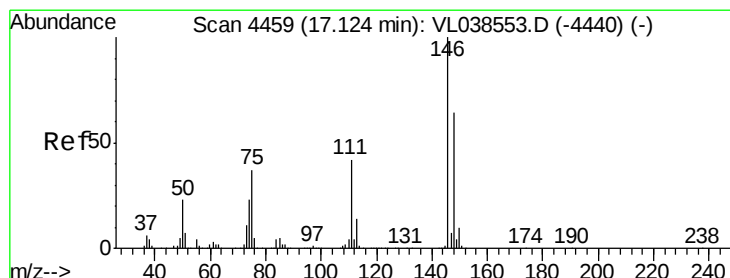
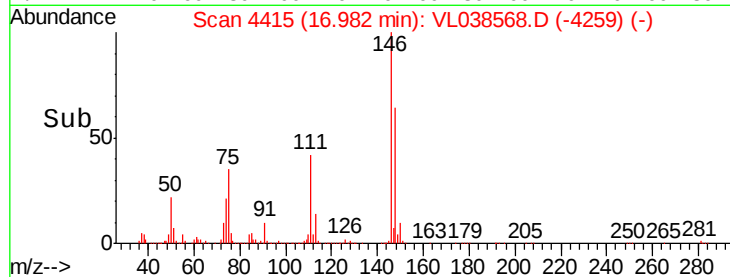
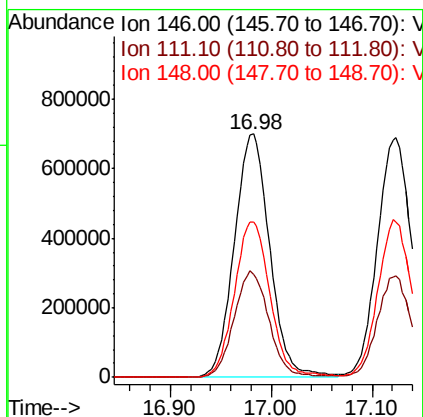
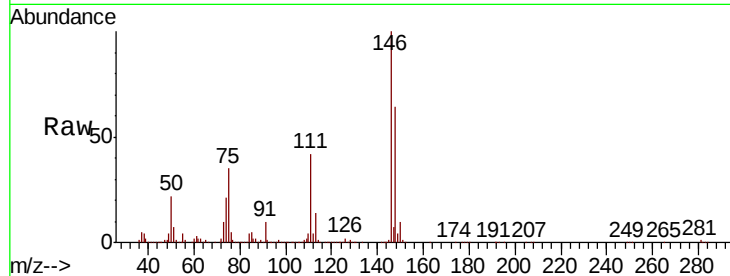
Time-->





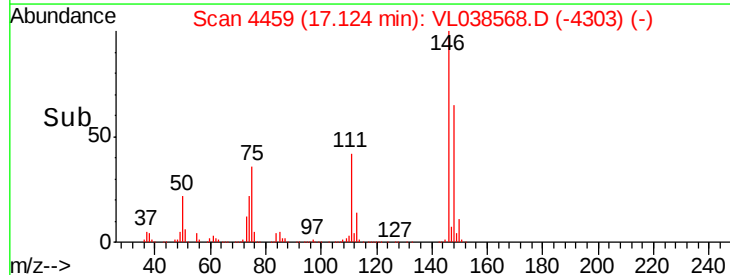
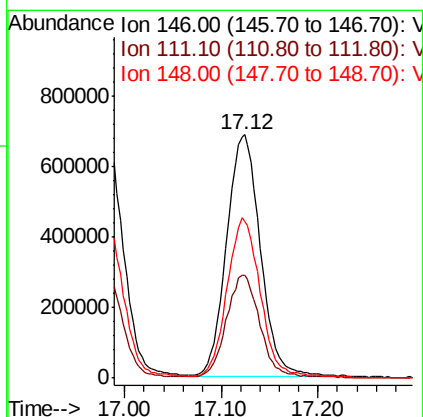
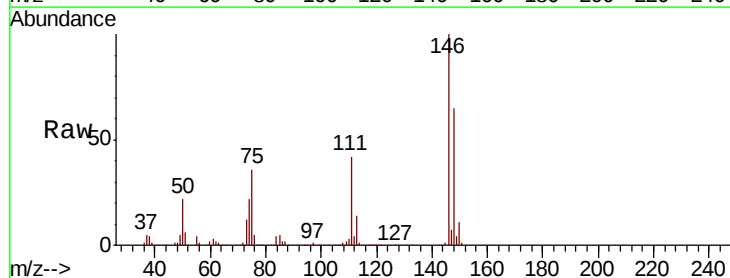
#75
 1,3-Dichlorobenzene
 Concen: 8.449 ppbv
 RT: 16.98 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 9 Mar 2022 3:19

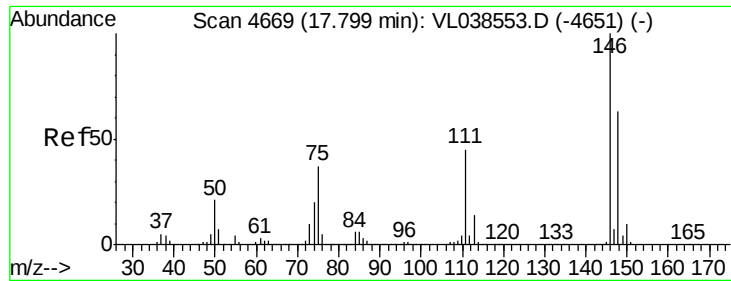
Tot Ion:146 Resp: 1704433
 Ion Ratio Lower Upper
 146 100
 111 43.2 21.9 65.8
 148 64.4 32.2 96.6



#76
 1,4-Dichlorobenzene
 Concen: 8.317 ppbv
 RT: 17.12 min Scan# 4459
 Delta R.T. 0.00 min
 Lab File: VL038568.D
 Acq: 9 Mar 2022 3:19

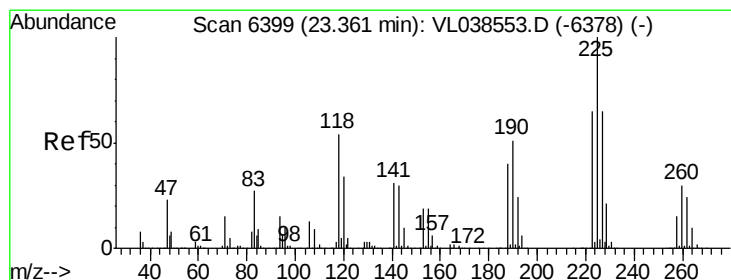
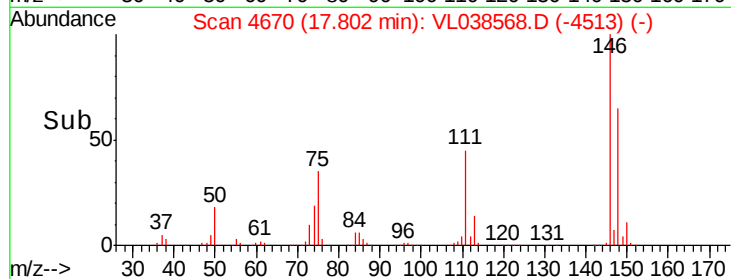
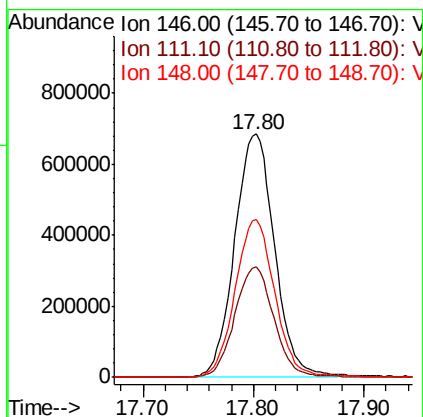
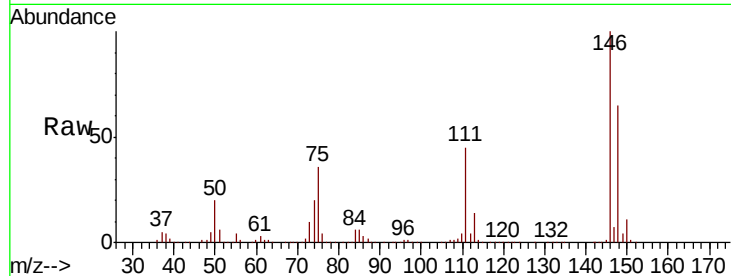
Tgt Ion:146 Resp: 1662036
 Ion Ratio Lower Upper
 146 100
 111 42.9 21.8 65.3
 148 66.1 32.8 98.4





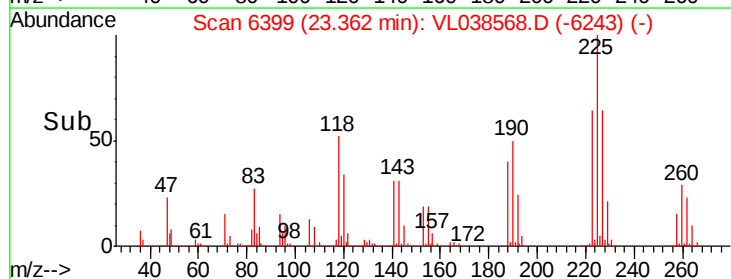
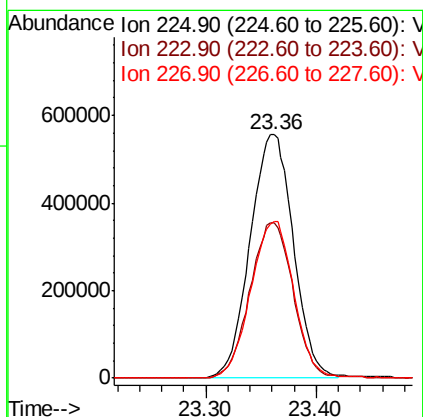
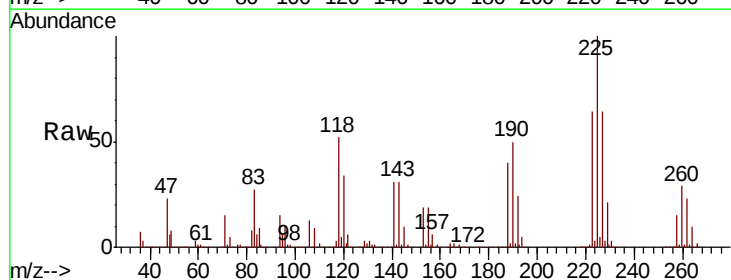
#77
 1,2-Dichlorobenzene
 Concen: 8.349 ppbv
 RT: 17.80 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 9 Mar 2022 3:19

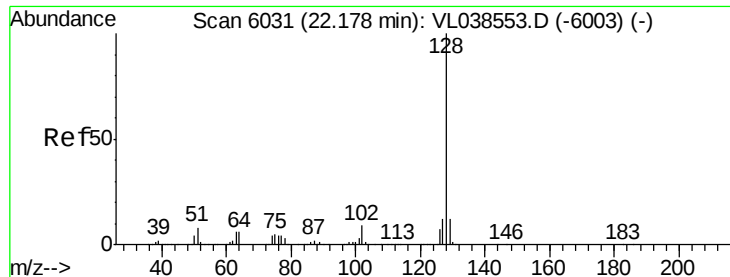
Tot Ion:146 Resp: 1704108
 Ion Ratio Lower Upper
 146 100
 111 45.1 23.2 69.5
 148 65.2 32.6 98.0



#78
 Hexachloro-1,3-Butadiene
 Concen: 7.605 ppbv
 RT: 23.36 min Scan# 6399
 Delta R.T. 0.00 min
 Lab File: VL038568.D
 Acq: 9 Mar 2022 3:19

Tgt Ion:225 Resp: 1513944
 Ion Ratio Lower Upper
 225 100
 223 64.4 51.4 77.0
 227 64.5 51.9 77.9

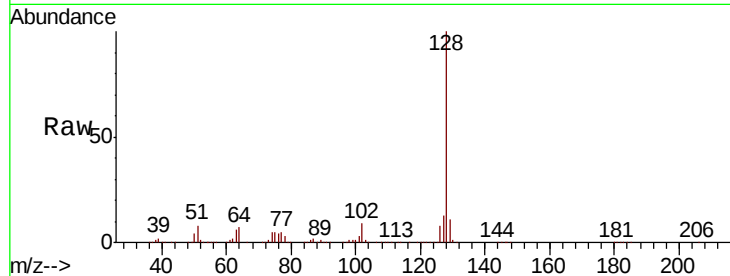




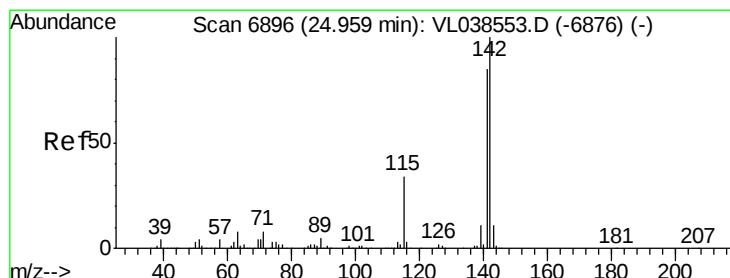
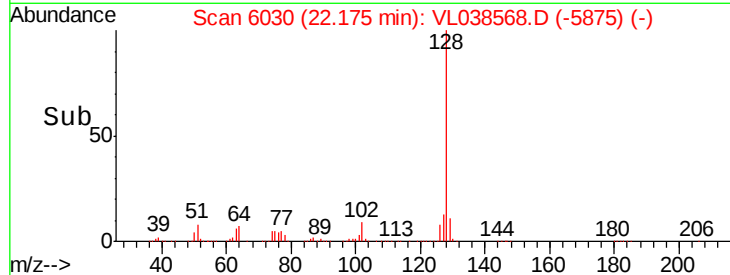
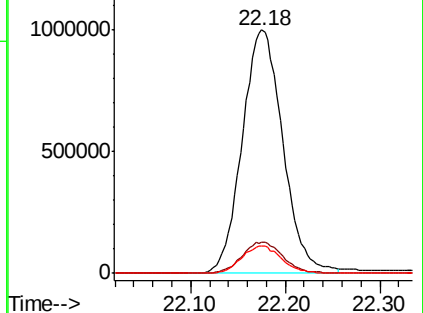
#79
Naphthalene
Concen: 10.392 ppbv
RT: 22.18 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
Acq: 9 Mar 2022 3:19

Tot Ion:128 Resp: 2989241

Ion	Ratio	Lower	Upper
128	100		
127	12.8	9.9	14.9
129	11.3	9.3	13.9



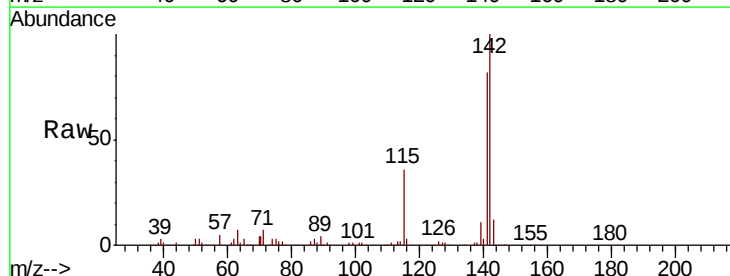
Abundance Ion 128.10 (127.80 to 128.80): V
Ion 127.10 (126.80 to 127.80): V
Ion 129.10 (128.80 to 129.80): V



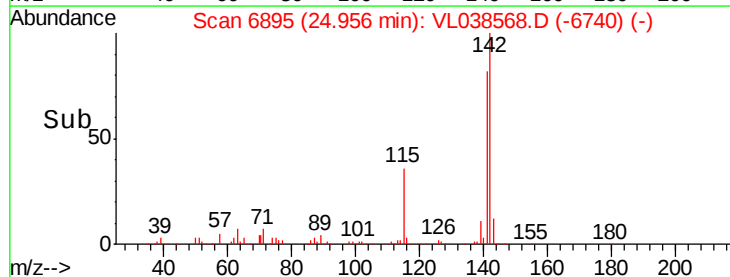
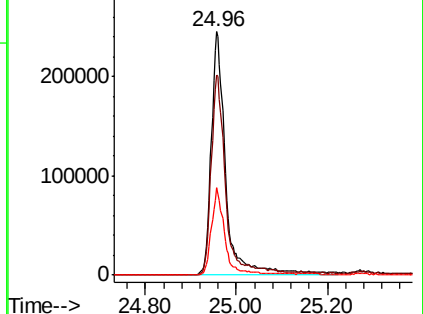
#80
Naphthalene, 2-methyl-
Concen: 10.882 ppbv
RT: 24.96 min Scan# 6895
Delta R.T.: -0.00 min
Lab File: VL038568.D
Acq: 9 Mar 2022 3:19

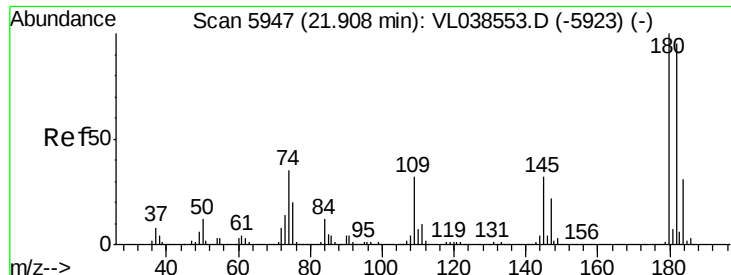
Tgt Ion:142 Resp: 552499

Ion	Ratio	Lower	Upper
142	100		
141	83.3	68.4	102.6
115	32.3	27.9	41.9



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: 8.978 ppbv

RT: 21.91

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 9 Mar 2022 3.19

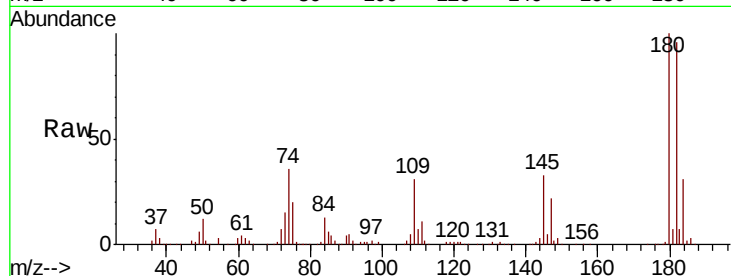
Tot Ion:180 Resp: 1650191

Ion Ratio Lower Upper

180 100

182 98.4 79.1 118.7

184 31.4 25.0 37.6



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

