

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL040722\
 Data File : VL038836.D
 Acq On : 7 Apr 2022 11:43
 Operator : SY/AP
 Sample : VL0407ABS01
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA L
 ClientSampleId :
 VL0407ABS01

Quant Time: Apr 08 05:22:04 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL040522AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Apr 06 06:12:53 2022
 QLast Update : Wed Apr 06 06:12:53 2022
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.68	49	1315060	10.00	ppbv	0.01
33) 1,4-Difluorobenzene	7.18	114	3481729	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.09	117	4158624	10.00	ppbv	0.01

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.42	95	1477256	4.68	ppbv	0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	46.80%#

Target Compounds

	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.06	85	2035922	10.915	ppbv	99
3) Chlorodifluoromethane	3.00	51	1602369	9.984	ppbv	98
4) Chloromethane	3.15	50	809899	9.745	ppbv	97
5) Vinyl Chloride	3.27	62	753496	9.813	ppbv	98
6) Bromomethane	3.48	94	361700	9.736	ppbv	99
7) Chloroethane	3.57	64	236342	9.230	ppbv	99
8) Dichlorotetrafluoroethane	3.20	85	1778342	10.206	ppbv	95
9) Propene	3.02	41	829428	9.768	ppbv	99
10) Heptane	8.13	43	2064904	9.654	ppbv	99
11) Trichlorofluoromethane	3.96	101	1608072	10.728	ppbv	99
12) 1,1,2-Trichlorotrifluoroet	4.49	101	1223756	10.659	ppbv	94
13) Ethanol	3.61	45	48232	9.347	ppbv #	100
14) Bromoethene	3.75	108	505380	10.009	ppbv	96
15) Acetone	3.85	43	1267067	9.678	ppbv	98
16) 1,3-Butadiene	3.34	39	684526	9.146	ppbv	95
17) tert-Butyl alcohol	4.29	59	1107281	9.431	ppbv	100
18) 1,1-Dichloroethene	4.30	96	533678	10.197	ppbv	92
19) Isopropyl Alcohol	3.97	45	660021	9.863	ppbv #	100
20) Methylene Chloride	4.35	84	454543	9.573	ppbv	92
21) Allyl Chloride	4.42	41	940096	9.590	ppbv	100
22) trans-1,2-Dichloroethene	4.89	96	567629	10.712	ppbv	98
23) Vinyl Acetate	5.08	43	1303919	10.227	ppbv	98
24) 1,1-Dichloroethane	5.02	63	1187645	10.308	ppbv	99
25) Ethyl Acetate	5.68	43	3250679	9.785	ppbv	99
26) Hexane	5.69	57	1438953	9.516	ppbv	98
27) Carbon Disulfide	4.56	76	1472544	10.619	ppbv	99
28) Methyl tert-Butyl Ether	5.04	73	1161909	9.949	ppbv	98
29) Chloroform	5.76	83	2231001	10.545	ppbv	99
30) Cyclohexane	7.14	84	1263013	9.477	ppbv	99
31) cis-1,2-Dichloroethene	5.56	61	1325777	9.536	ppbv	99
32) 1,1,1-Trichloroethane	6.52	97	2255745	10.582	ppbv	100
34) 2-Butanone	5.25	43	1402722	10.196	ppbv	100
35) Carbon Tetrachloride	7.02	117	2232785	10.697	ppbv	97
36) Benzene	6.90	78	3217605	10.158	ppbv	97
37) 1,2-Dichloroethane	6.31	62	1677648	11.585	ppbv	97
38) Trichloroethene	7.84	130	1208906	9.302	ppbv	96
39) 1,2-Dichloropropane	7.62	63	1255296	10.362	ppbv	99
40) 1,4-Dioxane	7.84	88	397895	9.672	ppbv #	1
41) Tetrahydrofuran	6.05	42	1303309	9.974	ppbv	99
42) Bromodichloromethane	7.80	83	2524733	11.040	ppbv	99
43) Methyl Methacrylate	8.02	69	1313981	10.831	ppbv	98

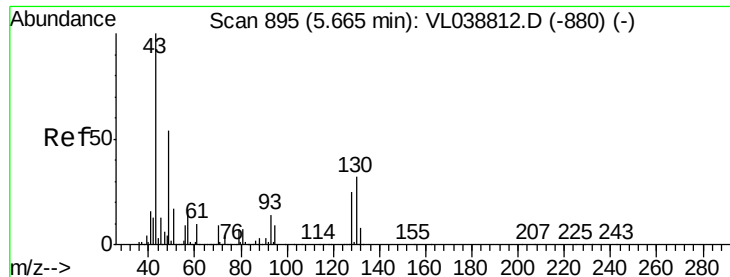
Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL040722\
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Quant Time: Apr 08 05:22:04 2022
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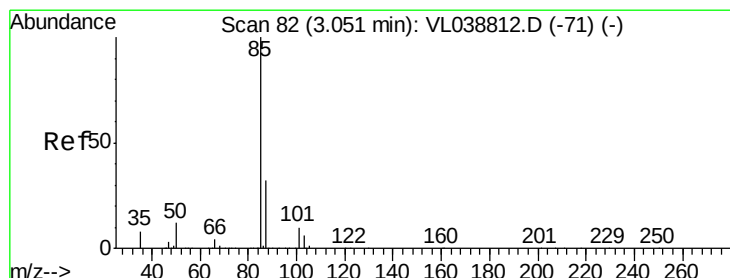
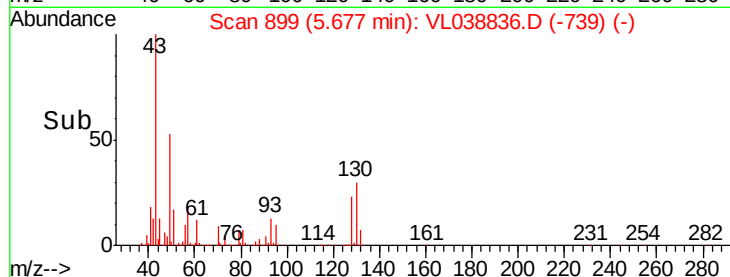
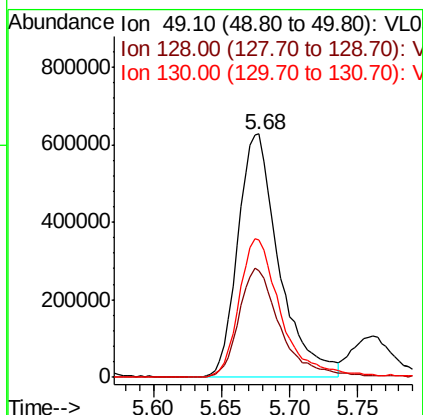
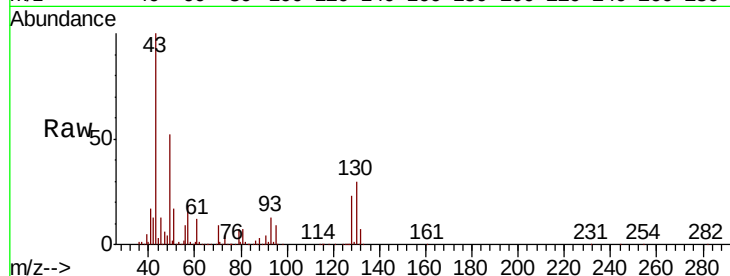
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,2,4-Trimethylpentane	7.88	57	5226217	9.746	ppbv	99
45) t-1,3-Dichloropropene	9.29	75	1386944	10.934	ppbv	97
46) cis-1,3-Dichloropropene	8.71	75	1750383	10.466	ppbv	98
47) 1,1,2-Trichloroethane	9.48	97	1276262	10.281	ppbv	98
48) Dibromochloromethane	10.31	129	2077041	10.675	ppbv	99
49) Bromoform	13.05	173	1645638	10.679	ppbv	99
50) 4-Methyl-2-Pentanone	8.74	43	3254358	10.516	ppbv	98
51) 2-Hexanone	10.13	43	2503063	10.735	ppbv #	100
52) Tetrachloroethene	11.23	164	1028440	9.296	ppbv	98
53) Toluene	9.81	91	3629760	9.927	ppbv	99
54) 1,2-Dibromoethane	10.62	107	1827201	10.597	ppbv	97
56) 1,1,1,2-Tetrachloroethane	12.13	131	1419546	7.789	ppbv	99
57) Chlorobenzene	12.15	112	2564110	7.528	ppbv	96
58) Ethyl Benzene	12.72	91	4855571	7.814	ppbv	95
59) m/p-Xylene	13.00	91	4371986	8.374	ppbv #	49
60) o-Xylene	13.70	91	3763352	7.704	ppbv	96
61) Styrene	13.53	104	2383727	8.009	ppbv	98
62) Isopropylbenzene	14.67	105	5430753	7.406	ppbv	97
63) 1,1,2,2-Tetrachloroethane	13.68	83	2395176	7.741	ppbv	99
64) n-propylbenzene	15.57	120	1438070	7.553	ppbv	89
65) tert-Butylbenzene	16.75	119	4639084	7.131	ppbv	96
66) Benzyl Chloride	16.99	91	809542	6.112	ppbv	98
67) sec-Butylbenzene	17.30	105	6754602	7.399	ppbv	99
69) p-Isopropyltoluene	17.66	119	5540383	7.391	ppbv	98
70) n-Butylbenzene	18.55	91	6064050	8.031	ppbv	99
71) 2-Chlorotoluene	15.46	91	4316110	7.828	ppbv	96
72) 4-Ethyltoluene	15.85	105	4456385	7.639	ppbv	98
73) 1,3,5-Trimethylbenzene	16.00	105	4095460	7.815	ppbv	98
74) 1,2,4-Trimethylbenzene	16.77	105	4208517	7.597	ppbv #	90
75) 1,3-Dichlorobenzene	17.00	146	2404920	7.477	ppbv	99
76) 1,4-Dichlorobenzene	17.14	146	2362898	7.458	ppbv	99
77) 1,2-Dichlorobenzene	17.82	146	2363833	7.455	ppbv	99
78) Hexachloro-1,3-Butadiene	23.38	225	1645348	6.568	ppbv	98
79) Naphthalene	22.20	128	3421023	8.255	ppbv	99
80) Naphthalene, 2-methyl-	24.98	142	866154	8.482	ppbv	99
81) 1,2,4-Trichlorobenzene	21.93	180	1843560	7.602	ppbv	100

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



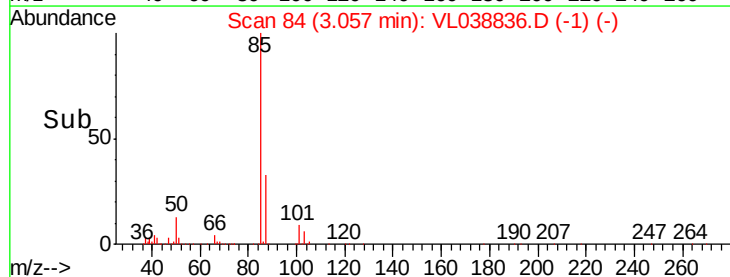
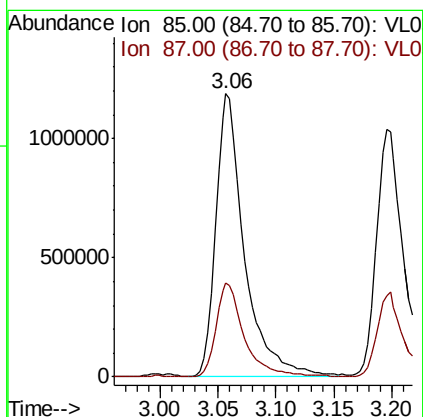
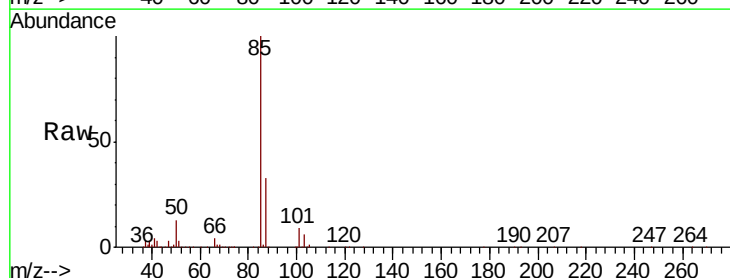
#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.68
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId : VL0407ABS01
 Acq: 7 Apr 2022 11:43

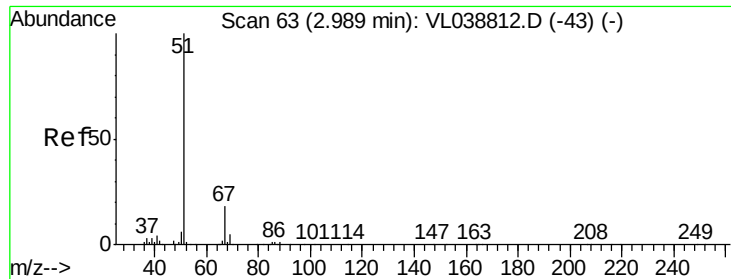
Tot Ion: 49 Resp: 1315060
 Ion Ratio Lower Upper
 49 100
 128 46.1 24.1 72.3
 130 59.0 30.9 92.8



#2
 Dichlorodifluoromethane
 Concen: 10.915 ppbv
 RT: 3.06 min Scan# 84
 Delta R.T.: 0.01 min
 Lab File: VL038836.D
 Acq: 7 Apr 2022 11:43

Tgt Ion: 85 Resp: 2035922
 Ion Ratio Lower Upper
 85 100
 87 33.1 25.9 38.9





#3

Chlorodifluoromethane

Concen: 9.984 ppbv

RT: 3.00 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

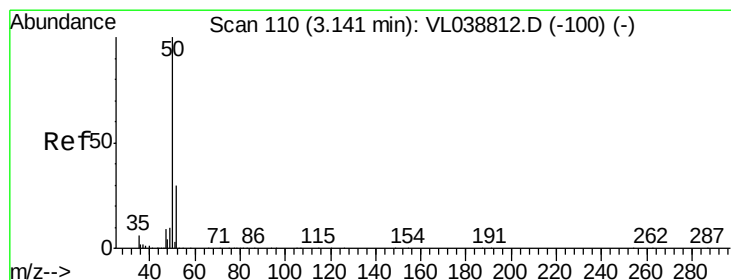
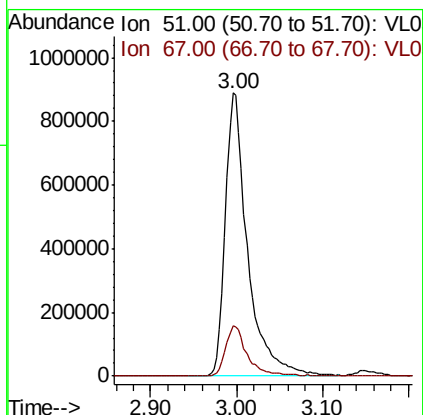
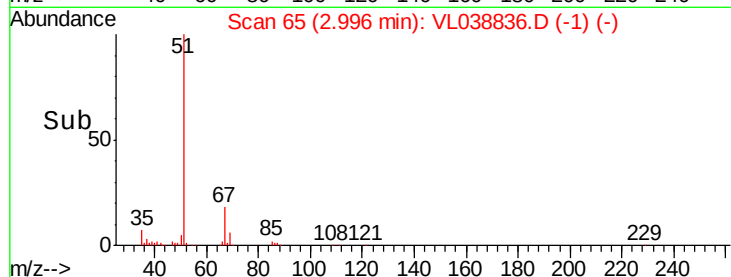
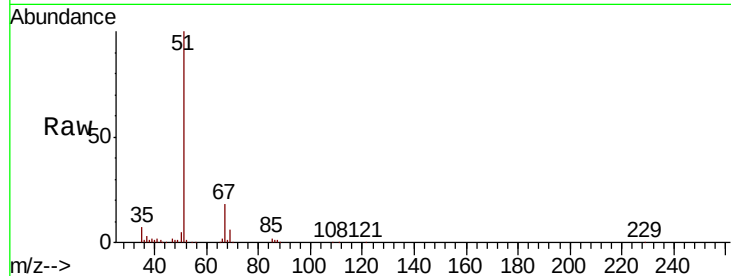
Acq: 7 Apr 2022 11:43 VL0407ABS01

Tot Ion: 51 Resp: 1602369

Ion Ratio Lower Upper

51 100

67 17.6 13.4 20.0



#4

Chloromethane

Concen: 9.745 ppbv

RT: 3.15 min Scan# 113

Delta R.T. 0.01 min

Lab File: VL038836.D

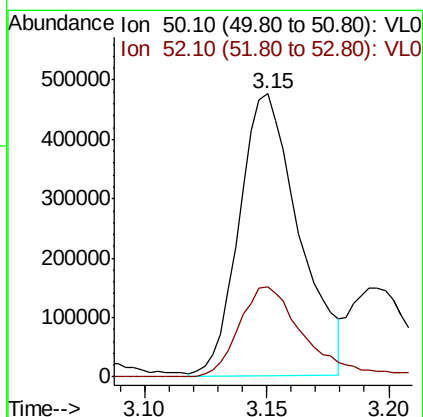
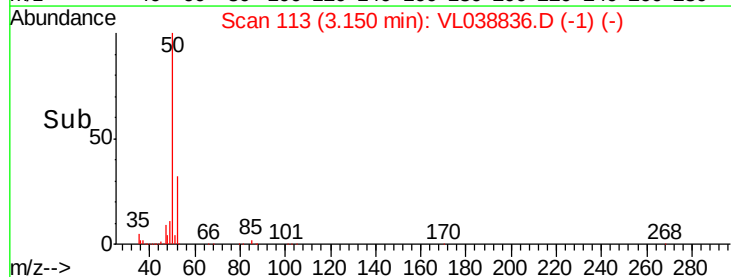
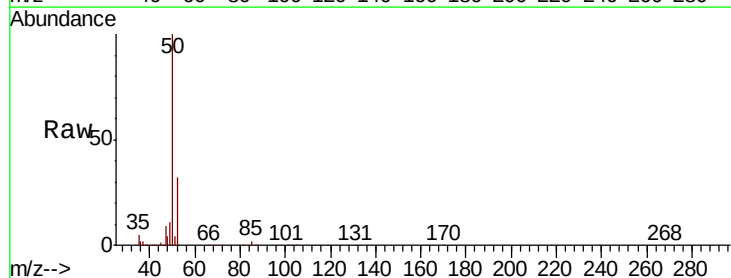
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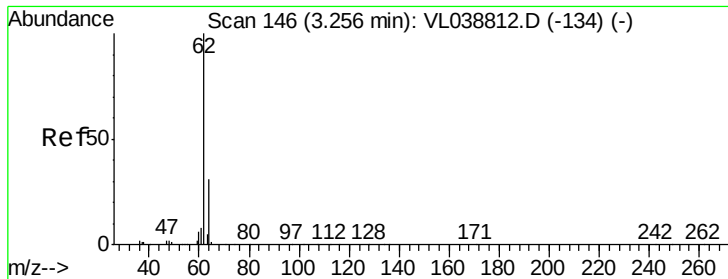
Tgt Ion: 50 Resp: 809899

Ion Ratio Lower Upper

50 100

52 32.2 24.3 36.5





#5

Vinyl Chloride

Concen: 9.813 ppbv

RT: 3.27 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: VL0407ABS01

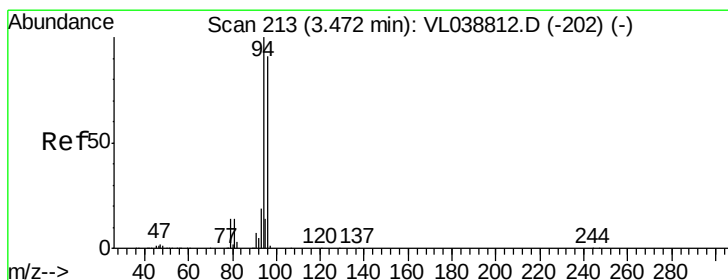
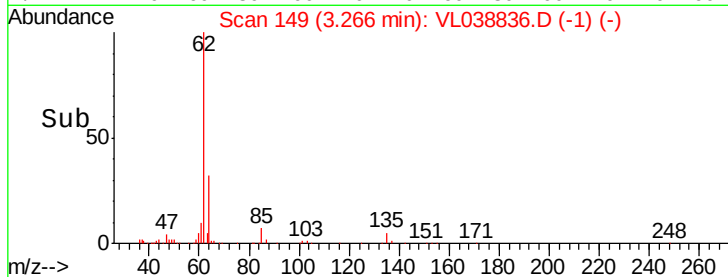
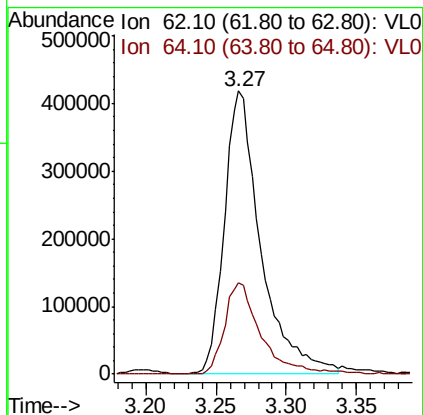
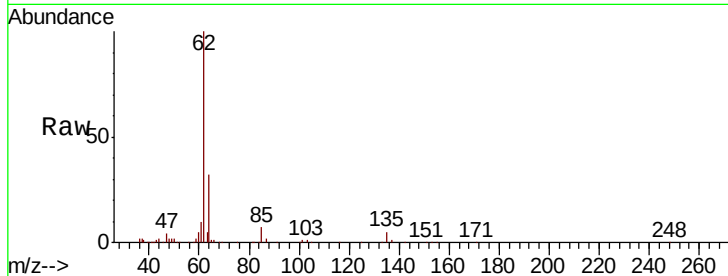
Acq: 7 Apr 2022 11:43

Tot Ion: 62 Resp: 753496

Ion Ratio Lower Upper

62 100

64 32.1 24.6 37.0



#6

Bromomethane

Concen: 9.736 ppbv

RT: 3.48 min Scan# 216

Delta R.T. 0.01 min

Lab File: VL038836.D

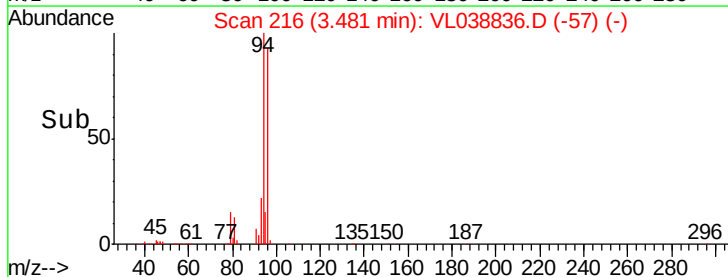
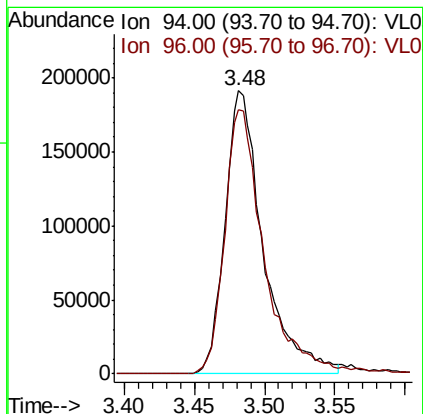
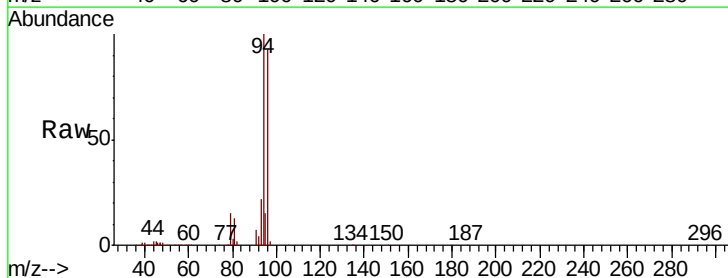
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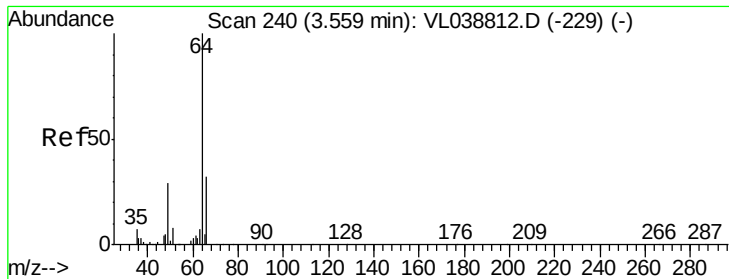
Tgt Ion: 94 Resp: 361700

Ion Ratio Lower Upper

94 100

96 92.9 73.2 109.8





#7

Chloroethane

Concen: 9.230 ppbv

RT: 3.57 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

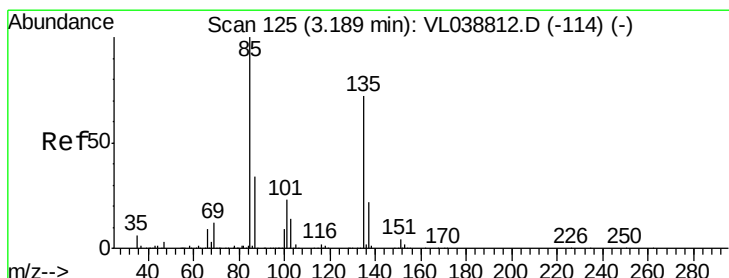
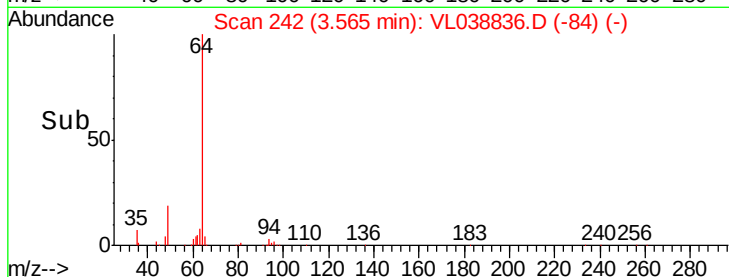
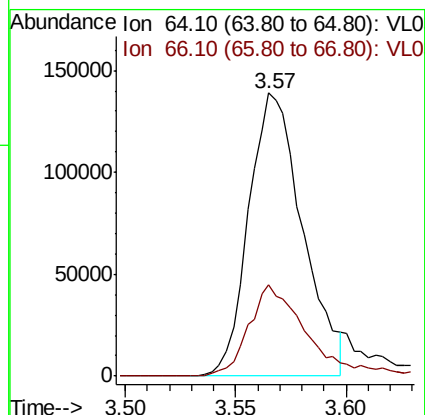
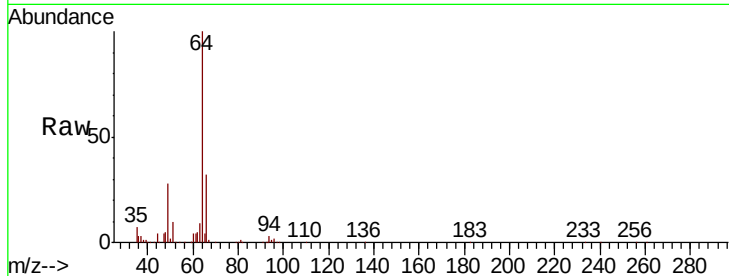
Acq: 7 Apr 2022 11:43 VL0407ABS01

Tot Ion: 64 Resp: 236342

Ion Ratio Lower Upper

64 100

66 32.2 25.4 38.2



#8

Dichlorotetrafluoroethane

Concen: 10.206 ppbv

RT: 3.20 min Scan# 127

Delta R.T. 0.01 min

Lab File: VL038836.D

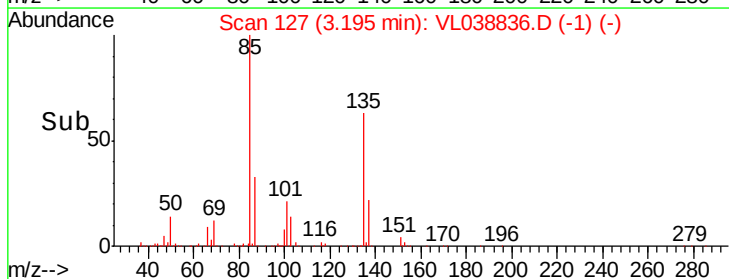
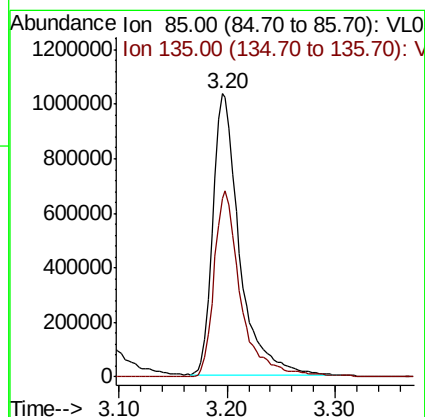
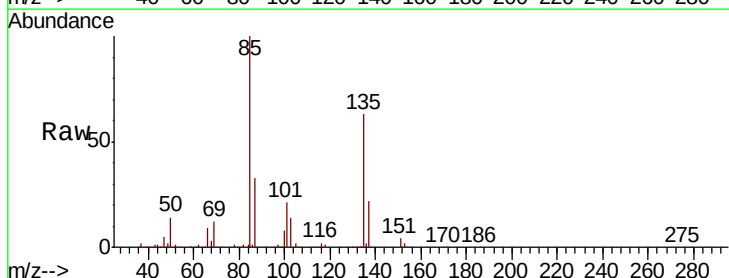
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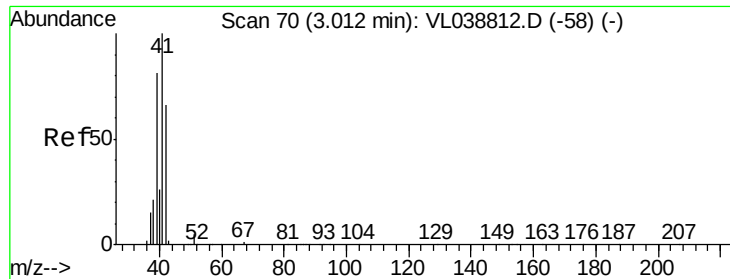
Tgt Ion: 85 Resp: 1778342

Ion Ratio Lower Upper

85 100

135 66.8 57.0 85.6





#9

Propene

Concen: 9.768 ppbv

RT: 3.02 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: VL0407ABS01

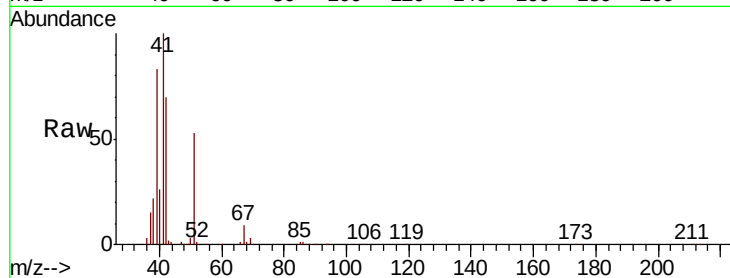
Acq: 7 Apr 2022 11:43

Tot Ion: 41 Resp: 829428

Ion Ratio Lower Upper

41 100

42 68.8 54.2 81.4



Abundance Ion 41.10 (40.80 to 41.80): VL0

Ion 42.10 (41.80 to 42.80): VL0

3.02

500000

400000

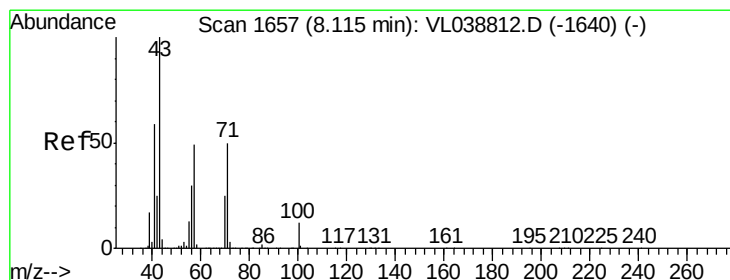
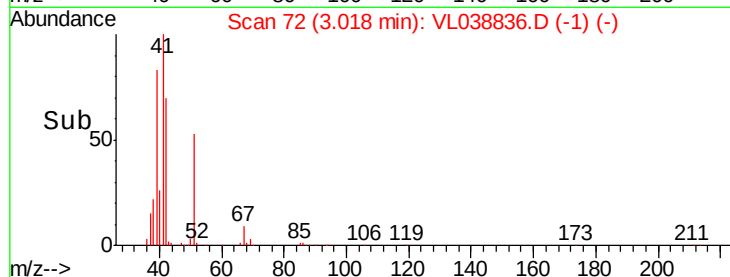
300000

200000

100000

0

Time-->



#10

Heptane

Concen: 9.654 ppbv

RT: 8.13 min Scan# 1661

Delta R.T. 0.01 min

Lab File: VL038836.D

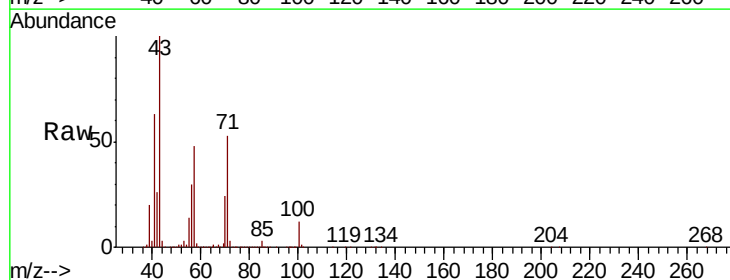
Acq: 7 Apr 2022 11:43

Tgt Ion: 43 Resp: 2064904

Ion Ratio Lower Upper

43 100

57 49.7 39.3 58.9



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 57.10 (56.80 to 57.80): VL0

8.13

1000000

800000

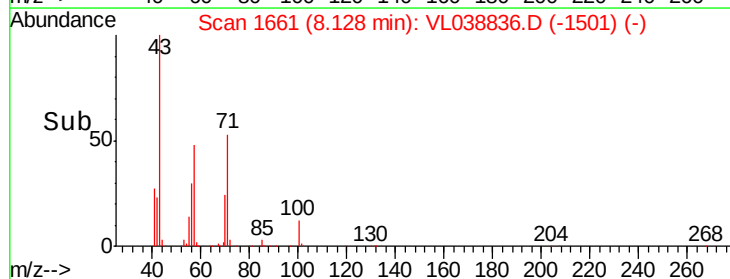
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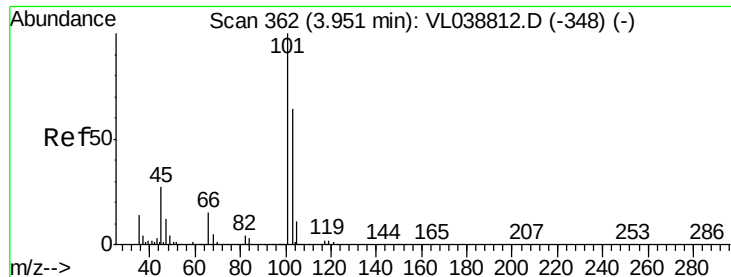
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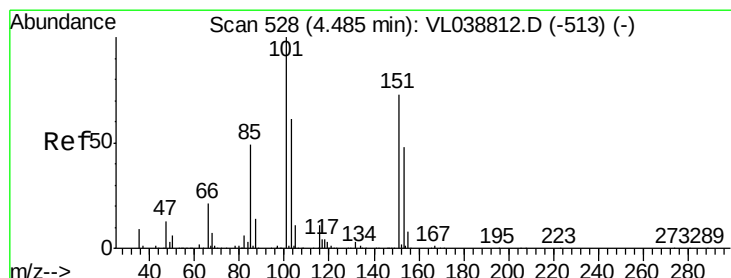
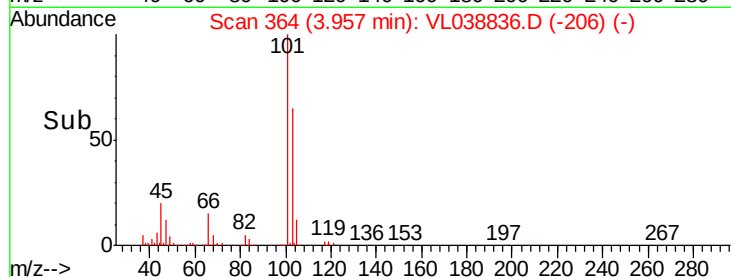
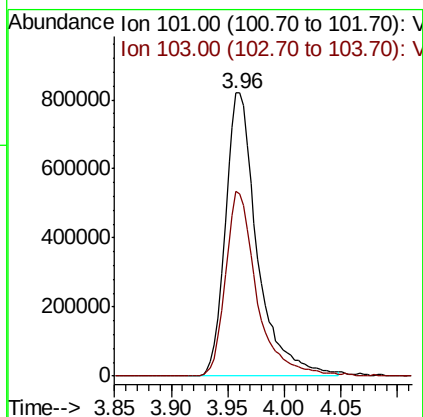
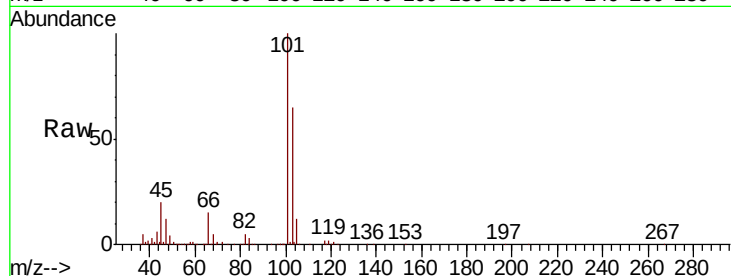
Time-->





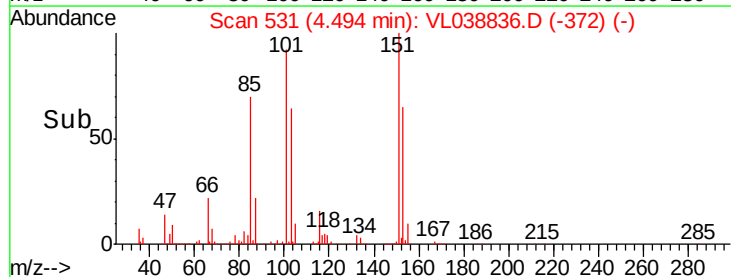
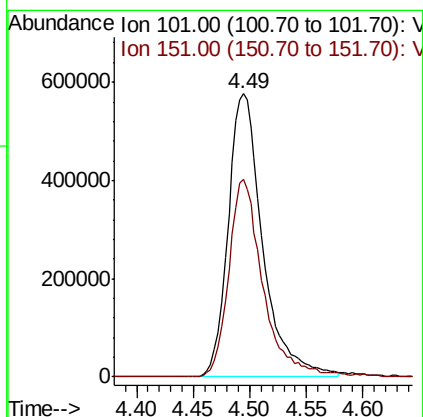
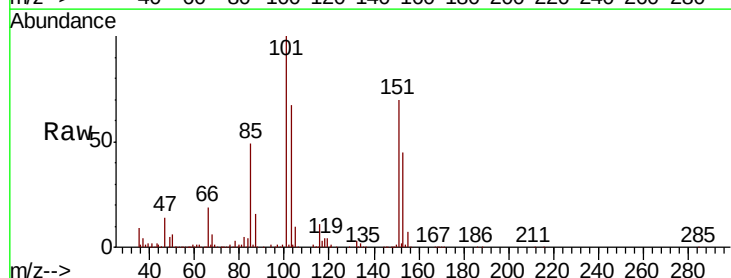
#11
 Trichlorofluoromethane
 Concen: 10.728 ppbv
 RT: 3.96
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId : VL0407ABS01
 Acq: 7 Apr 2022 11:43

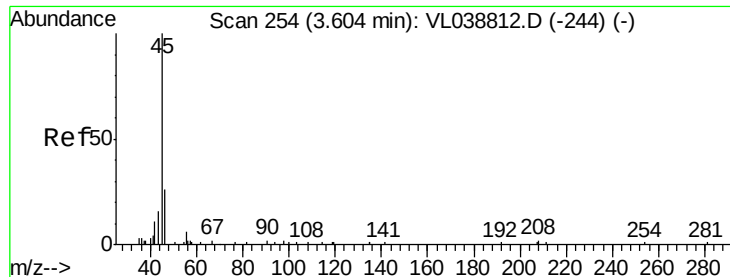
Tot Ion:101 Resp: 1608072
 Ion Ratio Lower Upper
 101 100
 103 65.3 51.4 77.0



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 10.659 ppbv
 RT: 4.49 min Scan# 531
 Delta R.T. 0.01 min
 Lab File: VL038836.D
 Acq: 7 Apr 2022 11:43

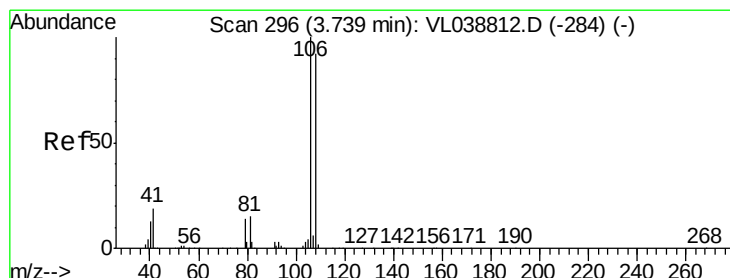
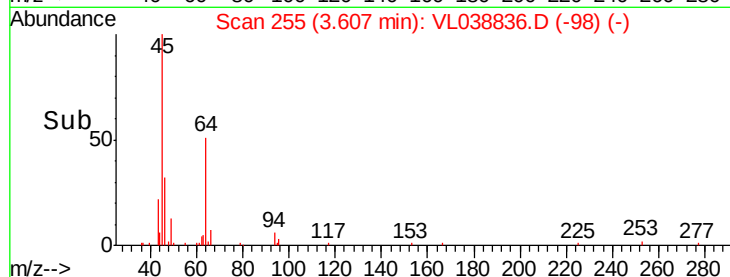
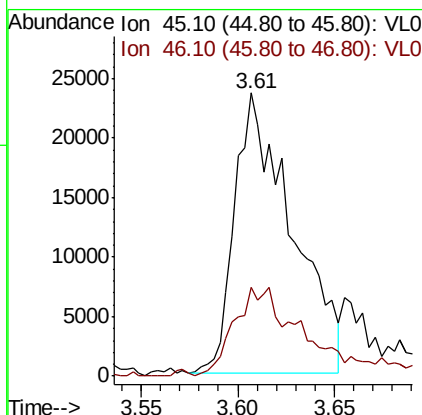
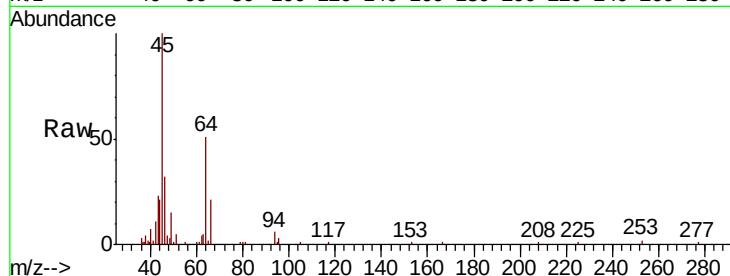
Tgt Ion:101 Resp: 1223756
 Ion Ratio Lower Upper
 101 100
 151 69.7 59.9 89.9





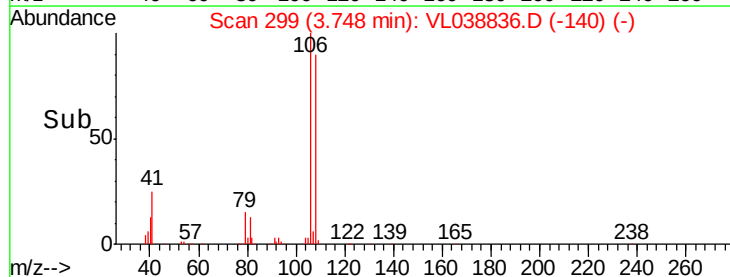
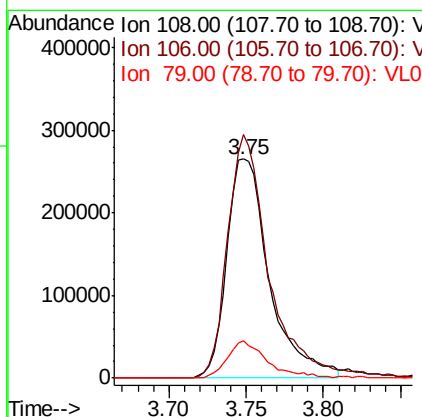
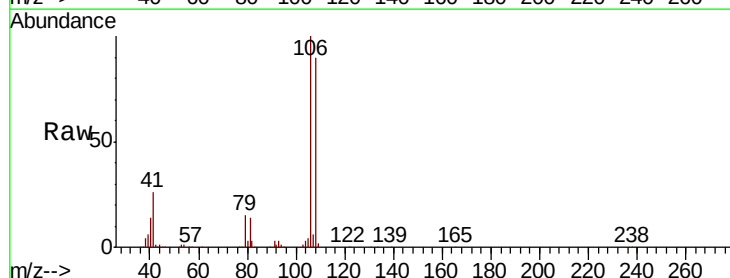
#13
 Ethanol
 Concen: 9.347 ppbv
 RT: 3.61
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId : VL0407ABS01
 Acq: 7 Apr 2022 11:43

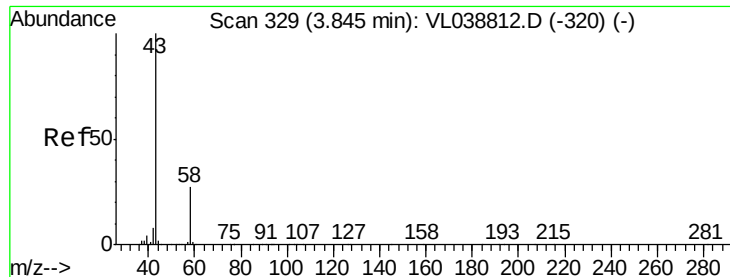
Tot Ion: 45 Resp: 48232
 Ion Ratio Lower Upper
 45 100
 46 45.1 0.0 0.0#



#14
 Bromoethene
 Concen: 10.009 ppbv
 RT: 3.75 min Scan# 299
 Delta R.T. 0.01 min
 Lab File: VL038836.D
 Acq: 7 Apr 2022 11:43

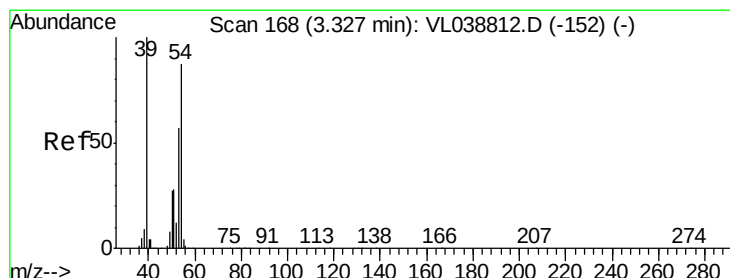
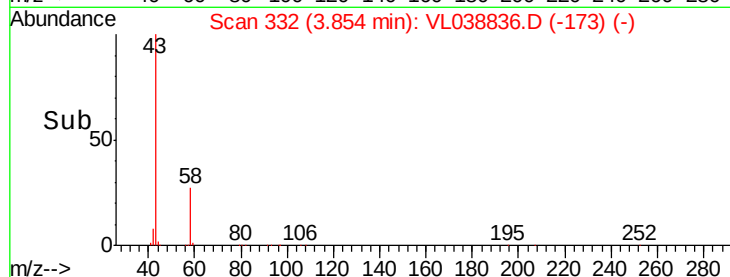
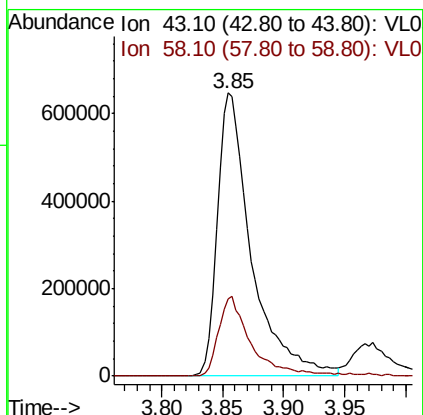
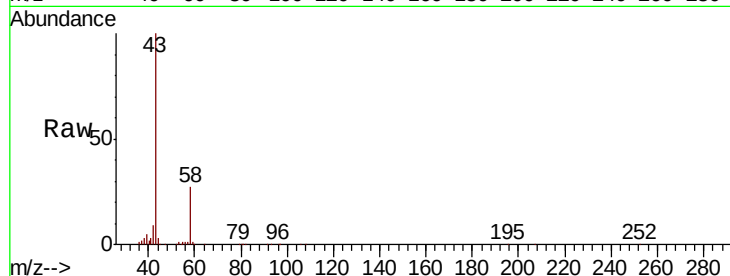
Tgt Ion: 108 Resp: 505380
 Ion Ratio Lower Upper
 108 100
 106 109.7 91.5 137.3
 79 17.0 13.7 20.5





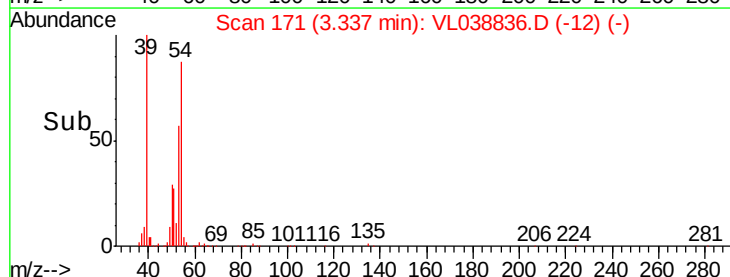
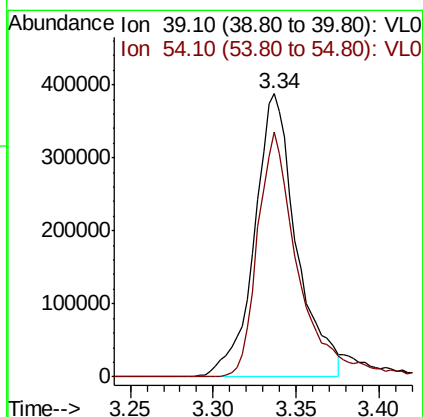
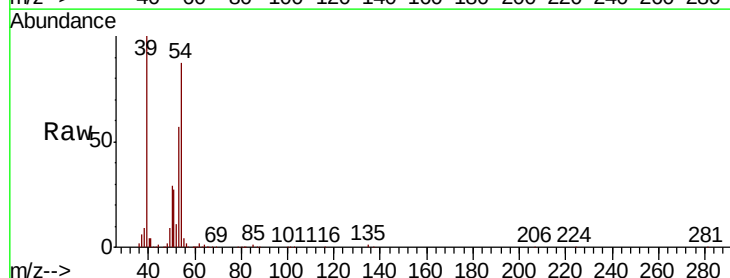
#15
Acetone
Concen: 9.678 ppbv
RT: 3.85
Delta R.T. MSVOA_L
Lab File: ClientSampleId : VL0407ABS01
Acq: 7 Apr 2022 11:43

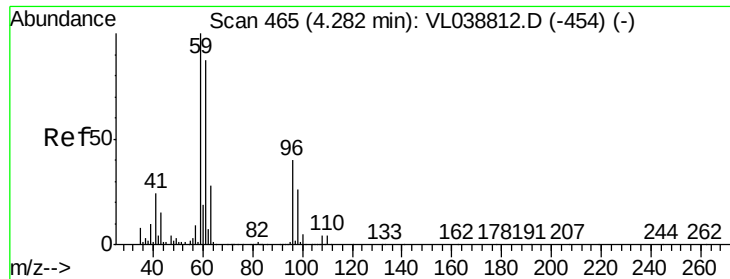
Tot Ion: 43 Resp: 1267067
Ion Ratio Lower Upper
43 100
58 27.0 22.5 33.7



#16
1,3-Butadiene
Concen: 9.146 ppbv
RT: 3.34 min Scan# 171
Delta R.T. 0.01 min
Lab File: VL038836.D
Acq: 7 Apr 2022 11:43

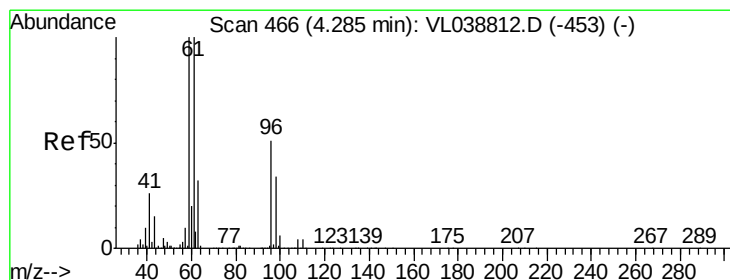
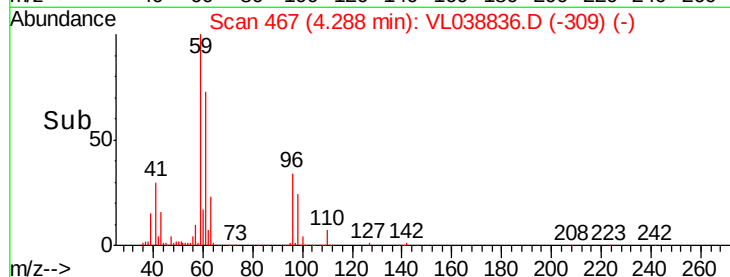
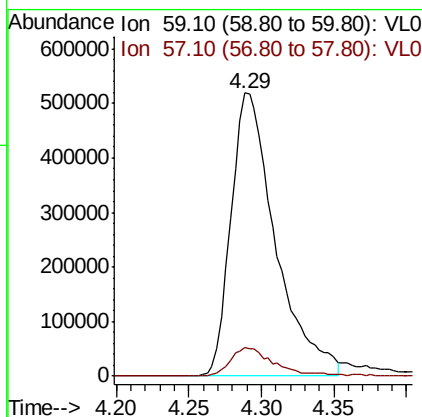
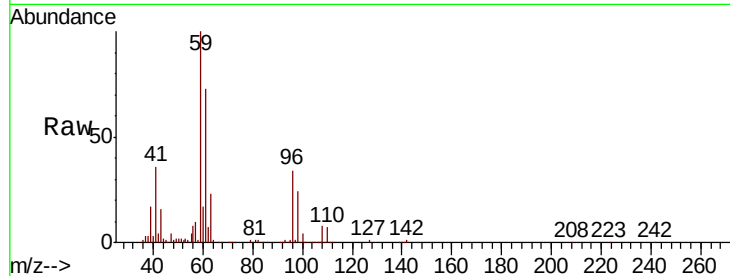
Tgt Ion: 39 Resp: 684526
Ion Ratio Lower Upper
39 100
54 85.2 64.8 97.2





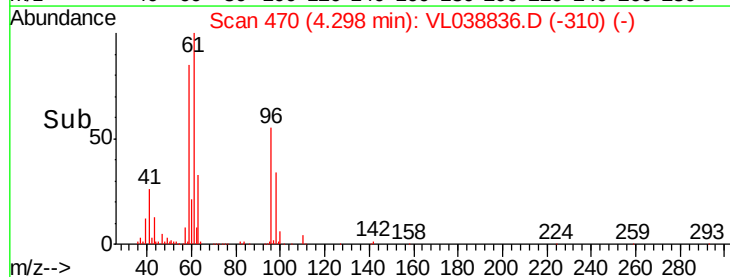
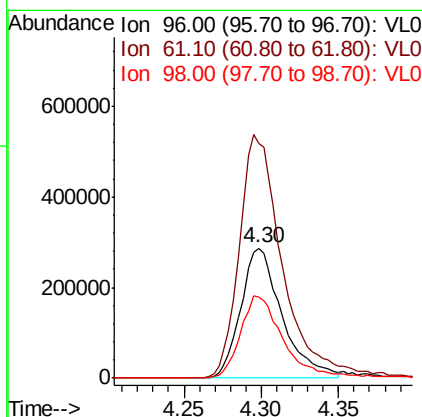
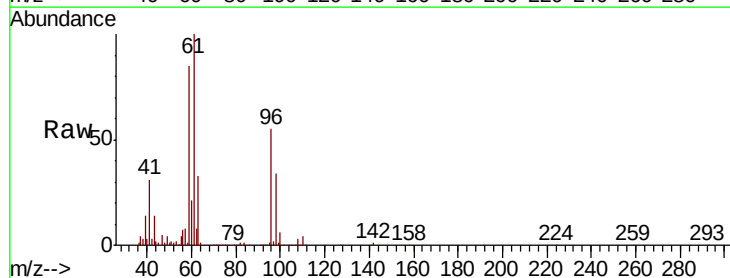
#17
 tert-Butyl alcohol
 Concen: 9.431 ppbv
 RT: 4.29
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId : VL0407ABS01
 Acq: 7 Apr 2022 11:43

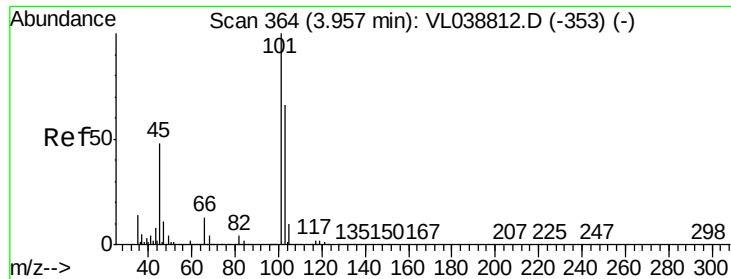
Tot Ion: 59 Resp: 1107281
 Ion Ratio Lower Upper
 59 100
 57 10.7 8.5 12.7



#18
 1,1-Dichloroethene
 Concen: 10.197 ppbv
 RT: 4.30 min Scan# 470
 Delta R.T. 0.01 min
 Lab File: VL038836.D
 Acq: 7 Apr 2022 11:43

Tgt Ion: 96 Resp: 533678
 Ion Ratio Lower Upper
 96 100
 61 181.0 156.1 234.1
 98 62.4 53.0 79.6





#19

Isopropyl Alcohol

Concen: 9.863 ppbv

RT: 3.97 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

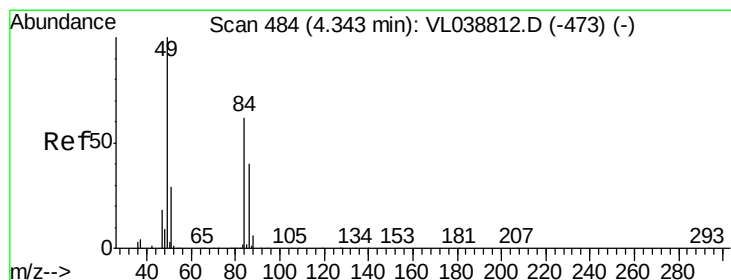
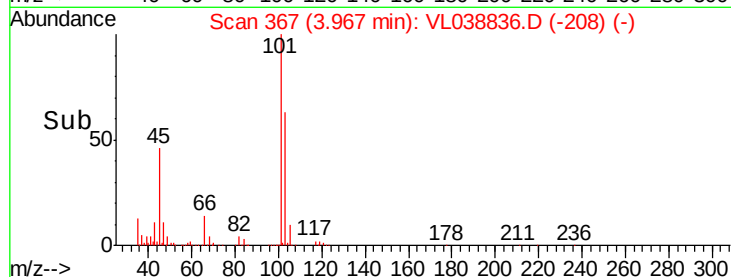
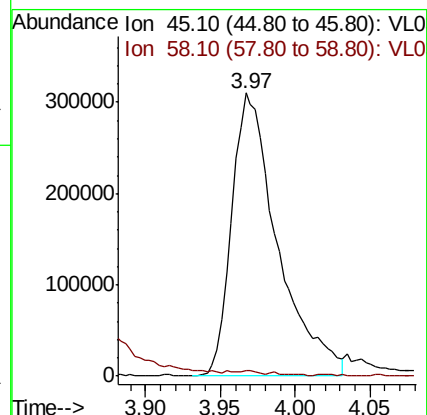
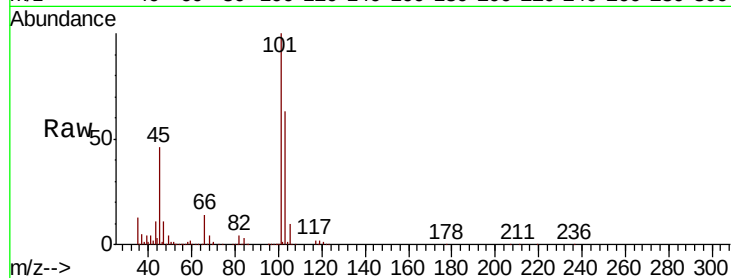
Acq: 7 Apr 2022 11:43 VL0407ABS01

Tot Ion: 45 Resp: 660021

Ion Ratio Lower Upper

45 100

58 54.0 0.0 0.0#



#20

Methylene Chloride

Concen: 9.573 ppbv

RT: 4.35 min Scan# 487

Delta R.T. 0.01 min

Lab File: VL038836.D

Acq: 7 Apr 2022 11:43

Tgt Ion: 84 Resp: 454543

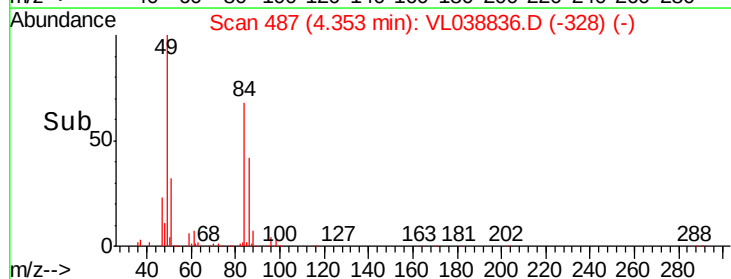
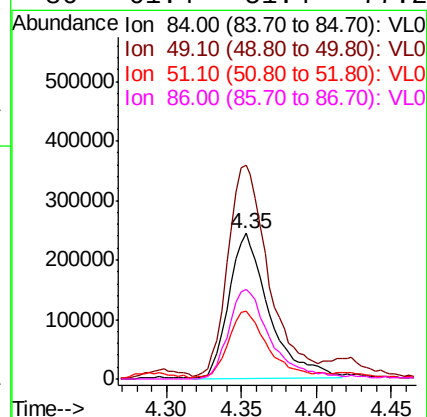
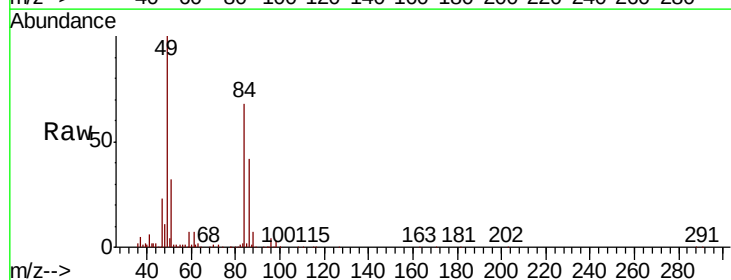
Ion Ratio Lower Upper

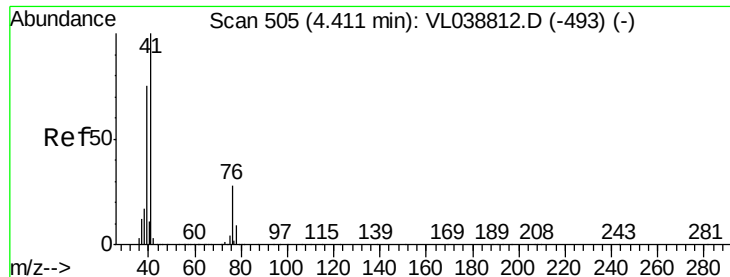
84 100

49 145.9 129.4 194.0

51 45.7 37.4 56.2

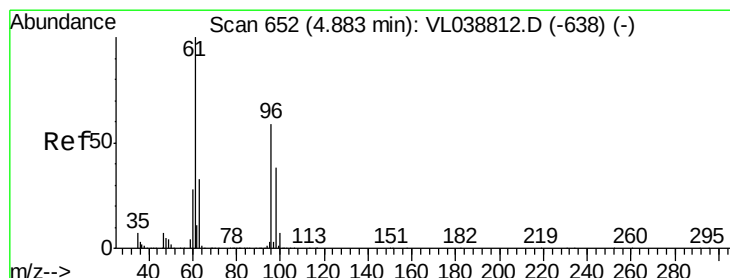
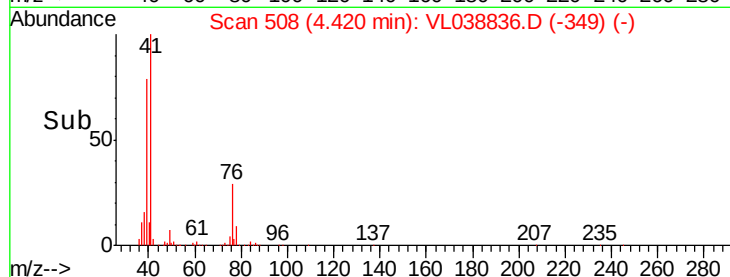
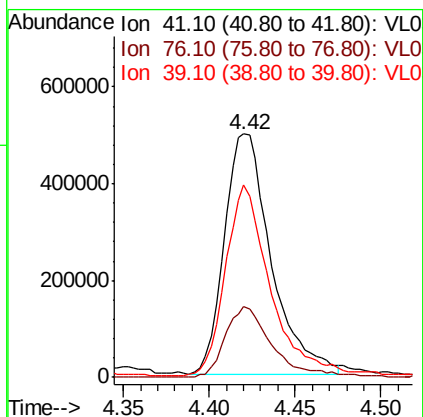
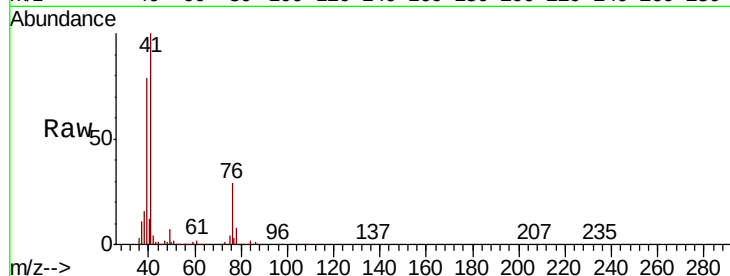
86 61.4 51.4 77.2





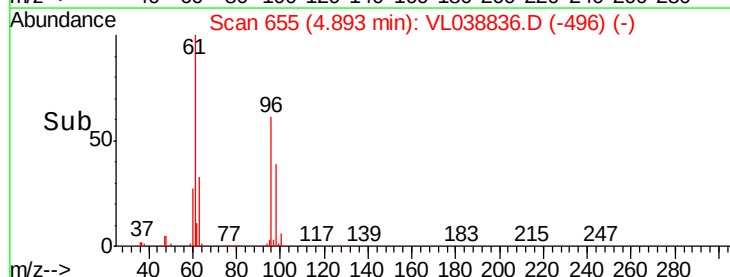
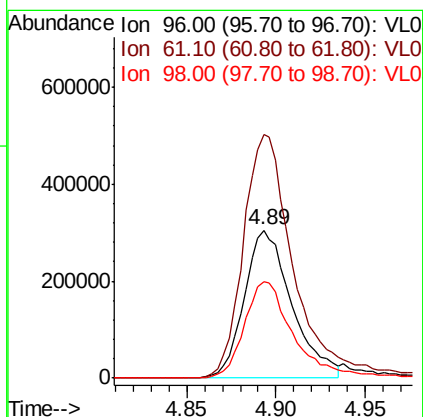
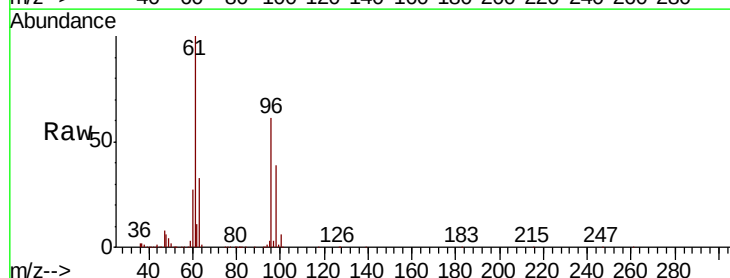
#21
 Allvl Chloride
 Concen: 9.590 ppbv
 RT: 4.42
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId : VL0407ABS01
 Acq: 7 Apr 2022 11:43

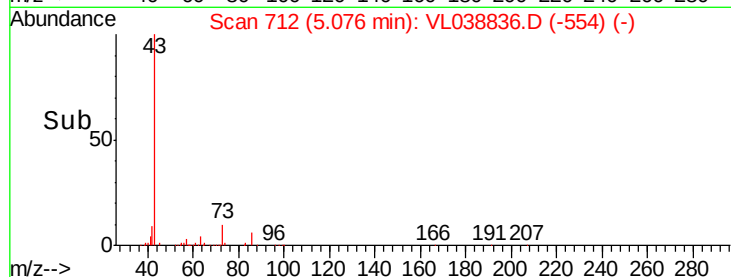
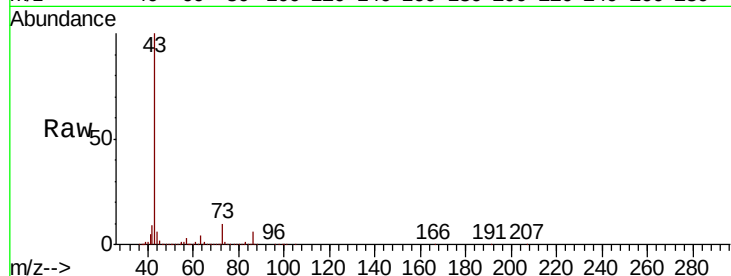
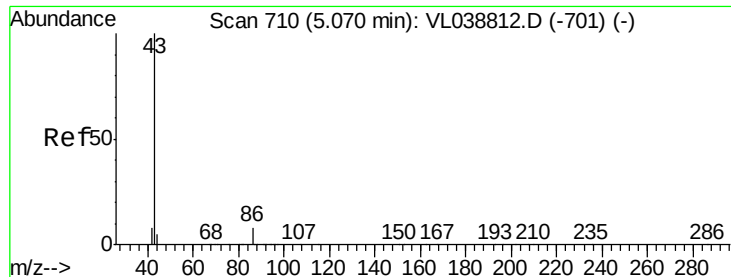
Tot Ion	Ratio	Lower	Upper
41	100		
76	29.6	23.7	35.5
39	77.6	62.0	93.0



#22
 trans-1,2-Dichloroethene
 Concen: 10.712 ppbv
 RT: 4.89 min Scan# 655
 Delta R.T. 0.01 min
 Lab File: VL038836.D
 Acq: 7 Apr 2022 11:43

Tgt Ion	Ratio	Lower	Upper
96	100		
61	164.6	134.8	202.2
98	64.9	51.9	77.9

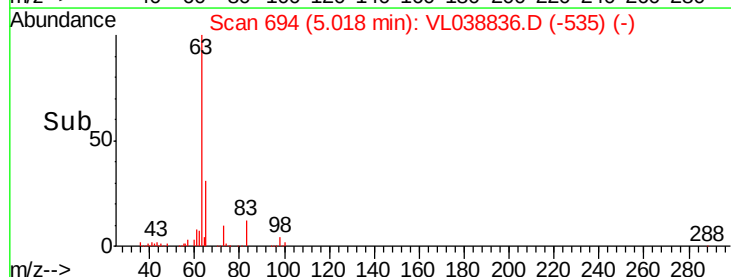
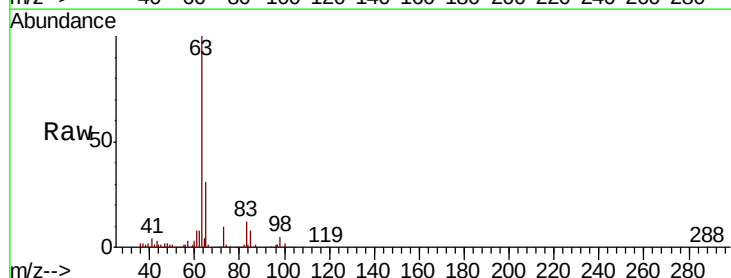
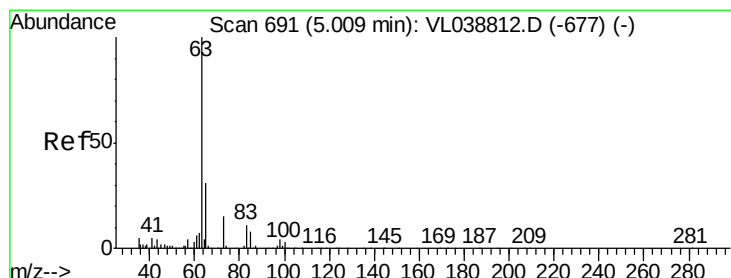
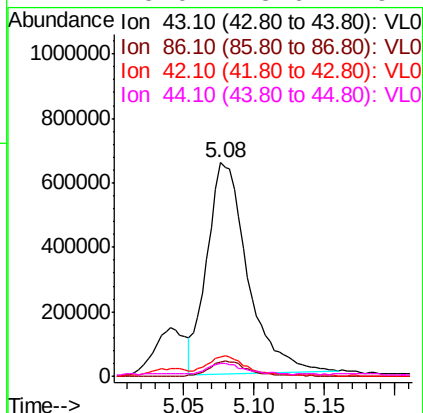




#23
 Vinyl Acetate
 Concen: 10.227 ppbv
 RT: 5.08
 Instrument: MSVOA_1
 Delta R.T.:
 Client Sample Id:
 Lab File: VL0407ABS01
 Acq: 7 Apr 2022 11:43

Tot Ion: 43 Resp: 1303919

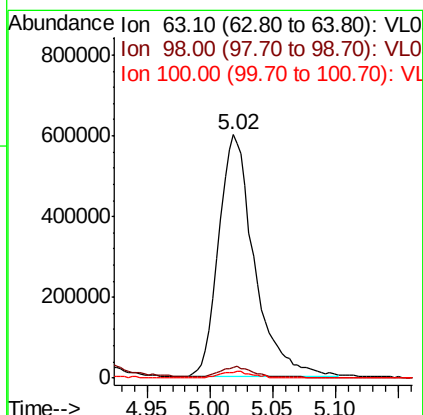
Ion	Ratio	Lower	Upper
43	100		
86	6.2	5.8	8.6
42	8.9	7.8	11.6
44	5.0	3.6	5.4

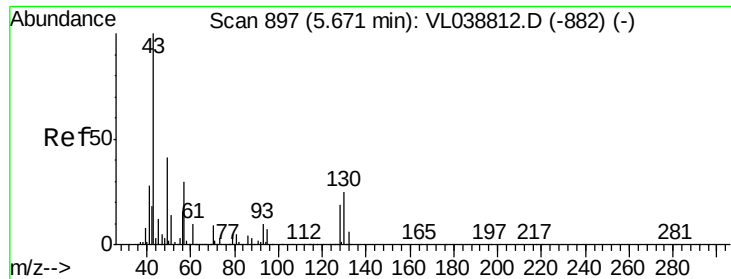


#24
 1,1-Dichloroethane
 Concen: 10.308 ppbv
 RT: 5.02 min Scan# 694
 Delta R.T.: 0.01 min
 Lab File: VL038836.D
 Acq: 7 Apr 2022 11:43

Tgt Ion: 63 Resp: 1187645

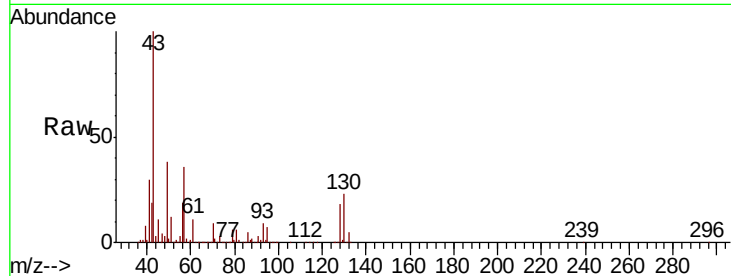
Ion	Ratio	Lower	Upper
63	100		
98	4.5	2.2	6.6
100	2.4	1.4	4.0





#25
Ethyl Acetate
Concen: 9.785 ppbv
RT: 5.68
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
VL0407ABS01
Acq: 7 Apr 2022 11:43

Tot Ion:	43	Resp:	3250679
Ion	Ratio	Lower	Upper
43	100		
45	10.2	8.4	12.6
61	10.3	7.9	11.9
70	7.4	5.6	8.4



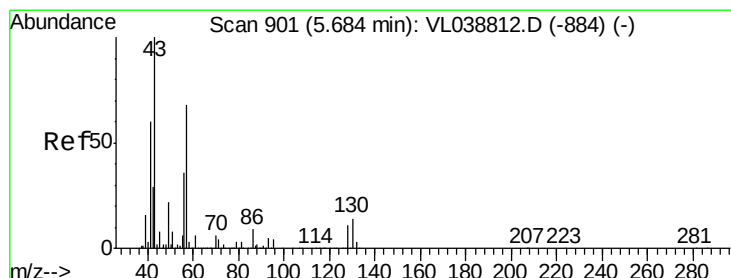
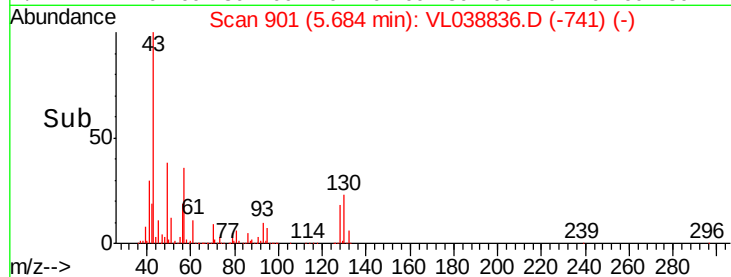
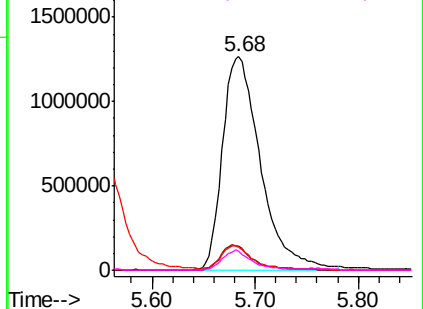
Abundance

Ion 43.10 (42.80 to 43.80): VL0

Ion 45.10 (44.80 to 45.80): VL0

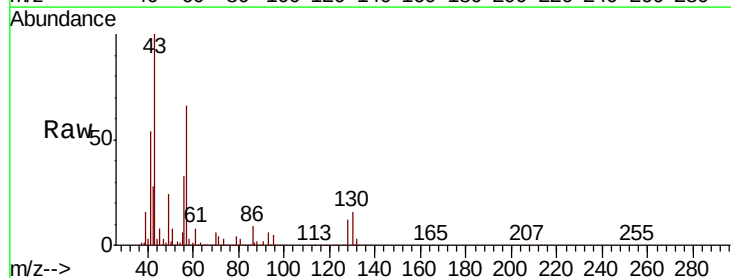
Ion 61.10 (60.80 to 61.80): VL0

Ion 70.10 (69.80 to 70.80): VL0



#26
Hexane
Concen: 9.516 ppbv
RT: 5.69 min Scan# 904
Delta R.T. 0.01 min
Lab File: VL038836.D
Acq: 7 Apr 2022 11:43

Tgt Ion:	57	Resp:	1438953
Ion	Ratio	Lower	Upper
57	100		
41	87.7	72.0	108.0
43	228.9	186.6	280.0
56	53.1	42.8	64.2



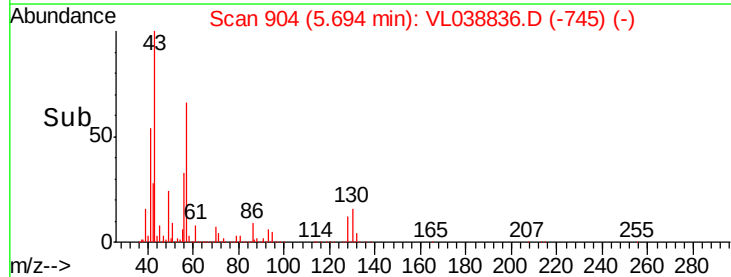
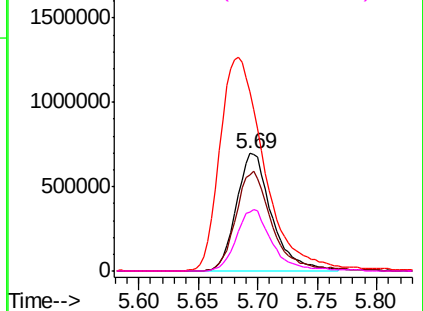
Abundance

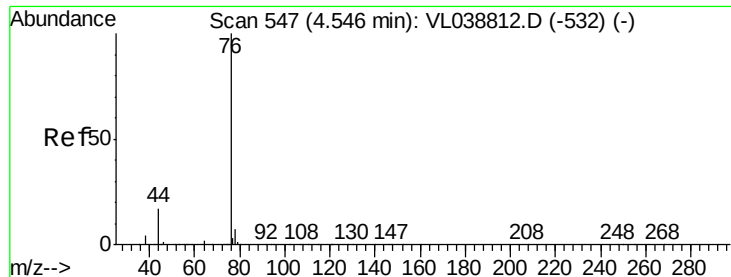
Ion 57.10 (56.80 to 57.80): VL0

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: 10.619 ppbv

RT: 4.56 Instrument: MSVOA_1

Delta R.T. 0.01 min

Lab File: ClientSampleId: VL0407ABS01

Acq: 7 Apr 2022 11:43

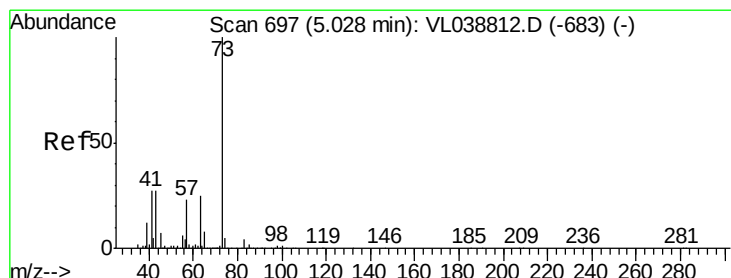
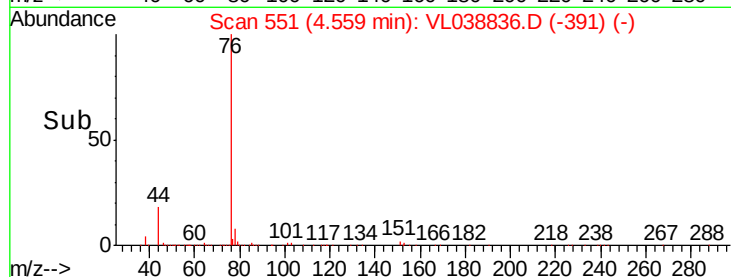
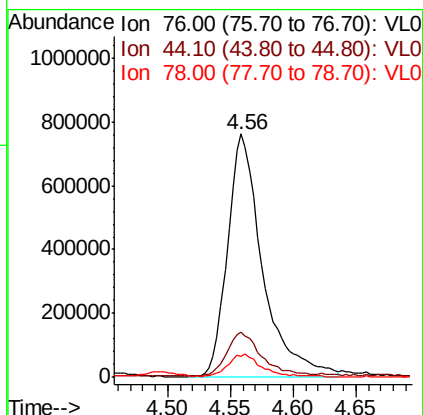
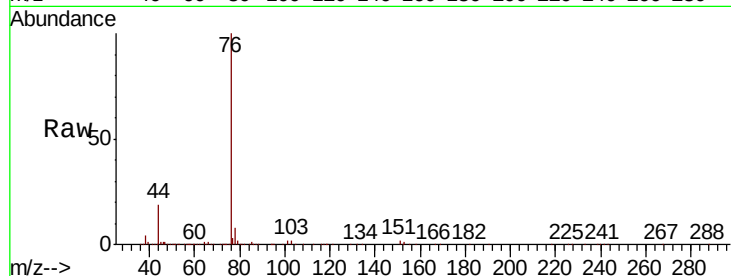
Tot Ion: 76 Resp: 1472544

Ion Ratio Lower Upper

76 100

44 19.3 15.7 23.5

78 9.6 7.8 11.8



#28

Methyl tert-Butyl Ether

Concen: 9.949 ppbv

RT: 5.04 min Scan# 701

Delta R.T. 0.01 min

Lab File: VL038836.D

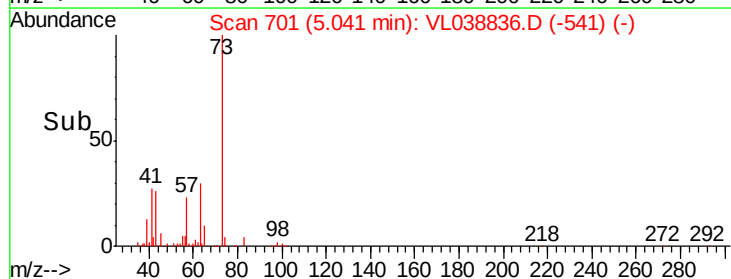
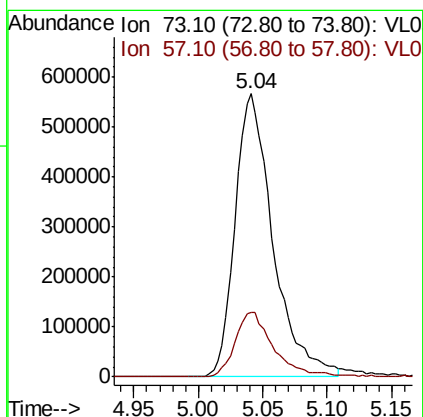
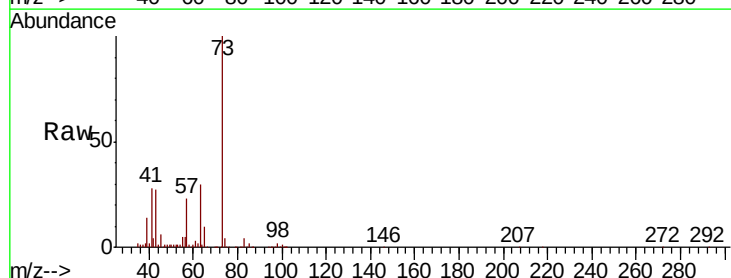
Acq: 7 Apr 2022 11:43

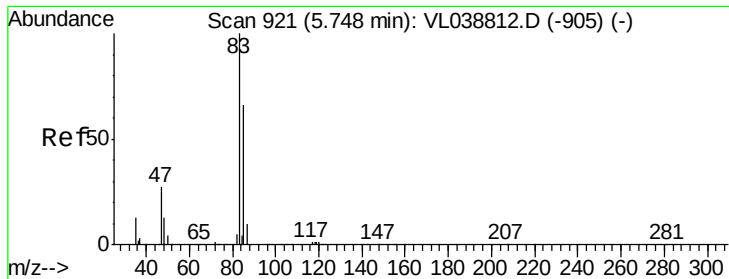
Tgt Ion: 73 Resp: 1161909

Ion Ratio Lower Upper

73 100

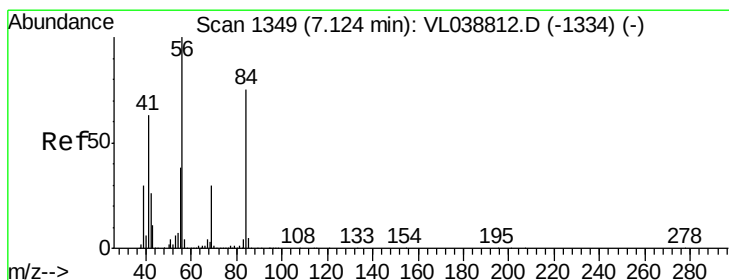
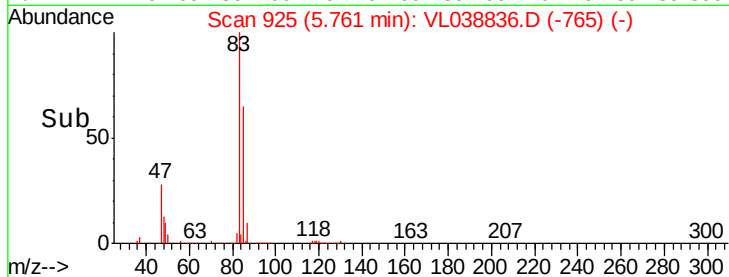
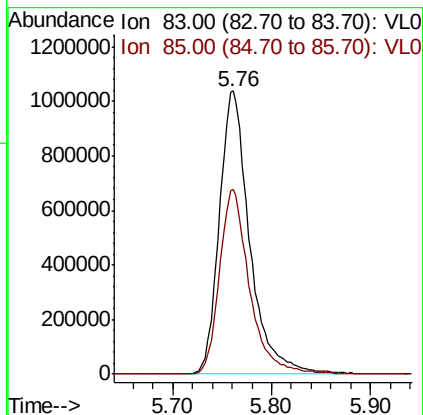
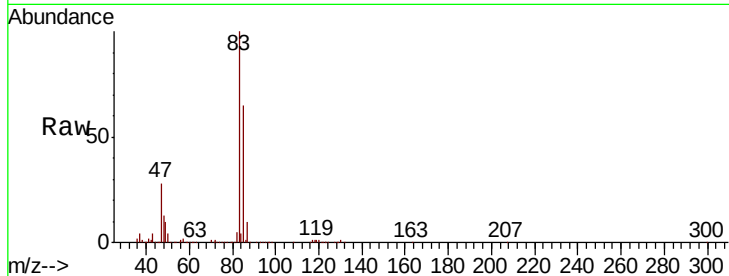
57 23.8 19.7 29.5





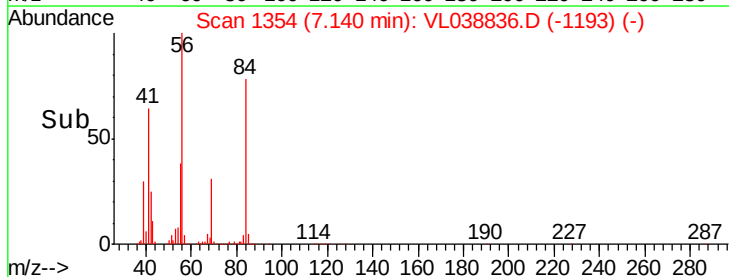
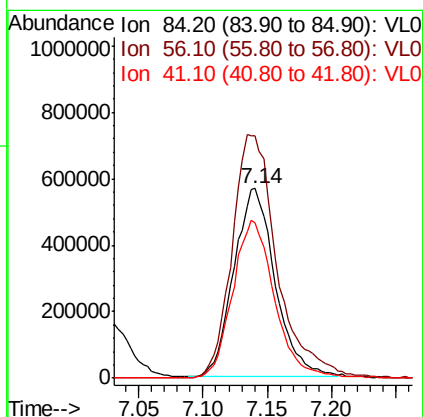
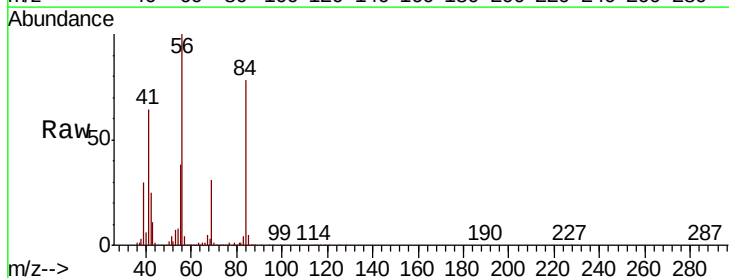
#29
Chloroform
Concen: 10.545 ppbv
RT: 5.76
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId : VL0407ABS01
Acq: 7 Apr 2022 11:43

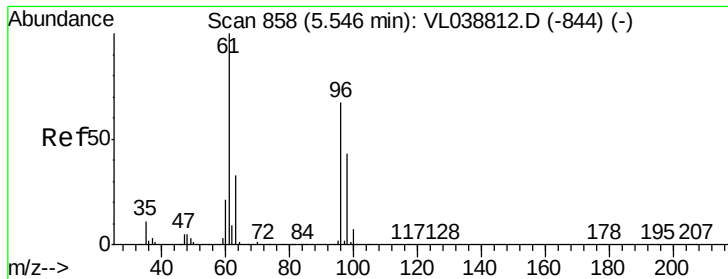
Tot Ion: 83 Resp: 2231001
Ion Ratio Lower Upper
83 100
85 65.2 52.5 78.7



#30
Cyclohexane
Concen: 9.477 ppbv
RT: 7.14 min Scan# 1354
Delta R.T. 0.02 min
Lab File: VL038836.D
Acq: 7 Apr 2022 11:43

Tgt Ion: 84 Resp: 1263013
Ion Ratio Lower Upper
84 100
56 142.0 114.4 171.6
41 85.2 69.0 103.4





#31

cis-1,2-Dichloroethene

Concen: 9.536 ppbv

RT: 5.56 Instrument:

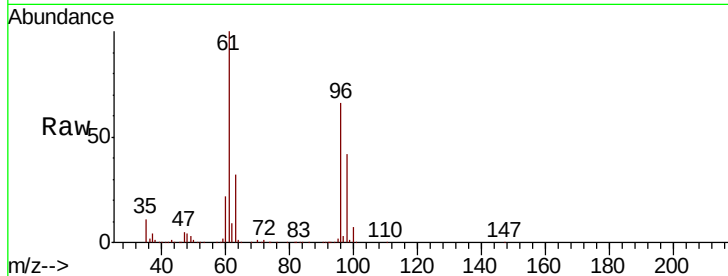
Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 7 Apr 2022 11:43 VL0407ABS01

Tot Ion: 61 Resp: 1325777

Ion	Ratio	Lower	Upper
61	100		
96	65.5	53.4	80.0
98	42.0	34.2	51.4

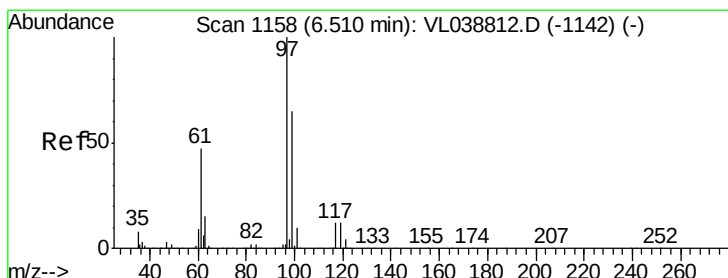
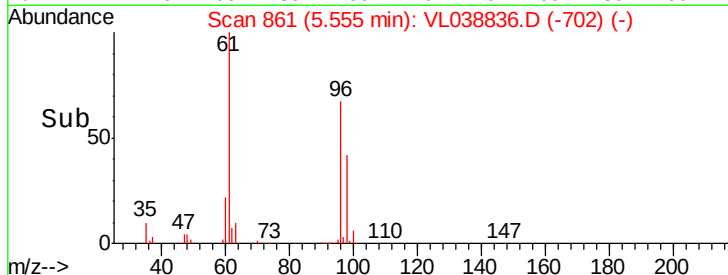
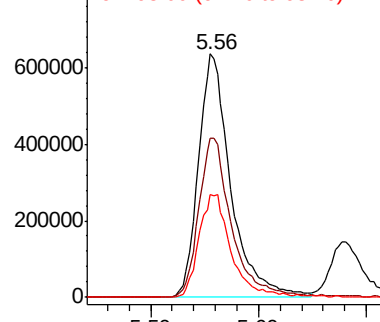


Abundance

Ion 61.10 (60.80 to 61.80): VL0

Ion 96.00 (95.70 to 96.70): VL0

Ion 98.00 (97.70 to 98.70): VL0



#32

1,1,1-Trichloroethane

Concen: 10.582 ppbv

RT: 6.52 min Scan# 1162

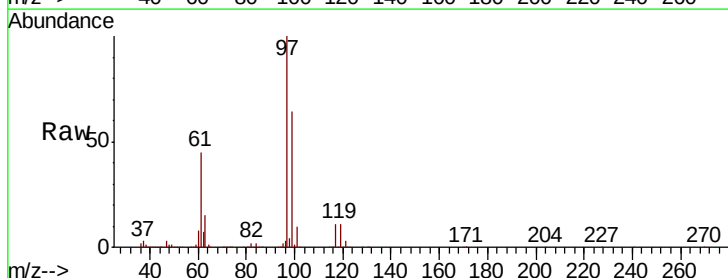
Delta R.T. 0.01 min

Lab File: VL038836.D

Acq: 7 Apr 2022 11:43

Tgt Ion: 97 Resp: 2255745

Ion	Ratio	Lower	Upper
97	100		
99	65.0	52.4	78.6
61	48.1	38.6	57.8

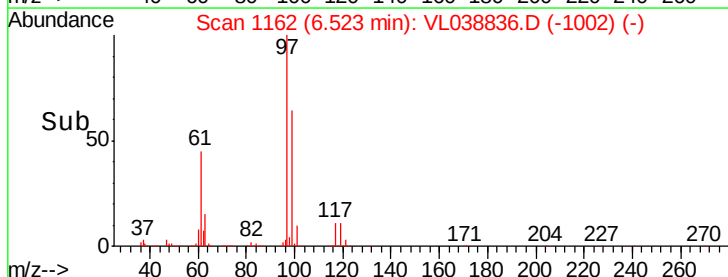
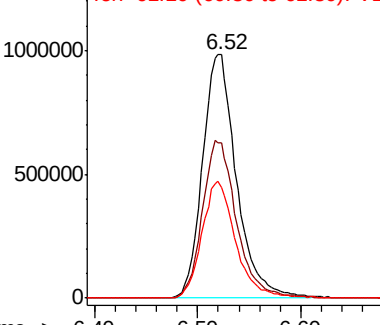


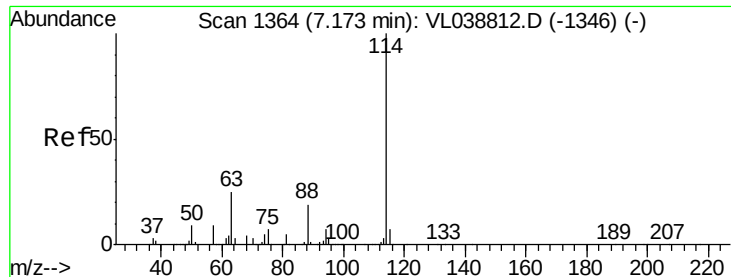
Abundance

Ion 97.00 (96.70 to 97.70): VL0

Ion 99.00 (98.70 to 99.70): VL0

Ion 61.10 (60.80 to 61.80): VL0





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.18 Instrument:

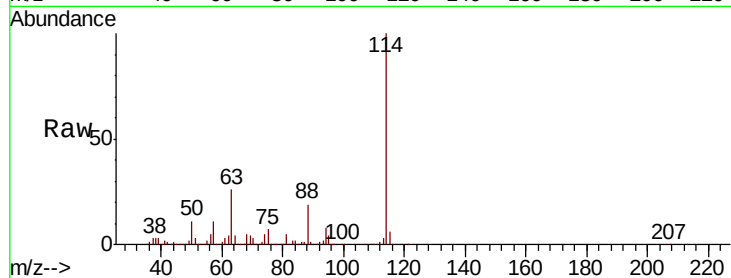
Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 7 Apr 2022 11:43 VL0407ABS01

Tot Ion:114 Resp: 3481729

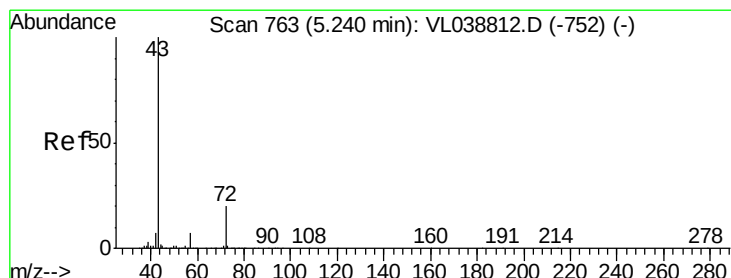
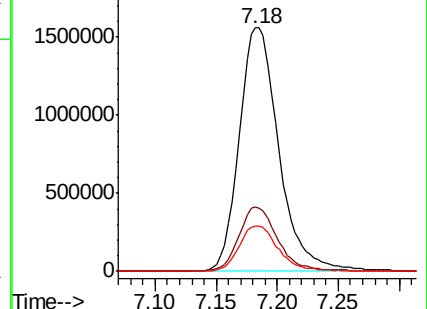
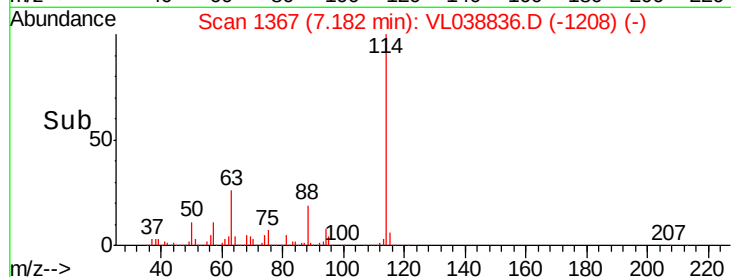
Ion	Ratio	Lower	Upper
114	100		
63	26.5	19.8	29.8
88	18.7	14.2	21.4



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: 10.196 ppbv

RT: 5.25 min Scan# 766

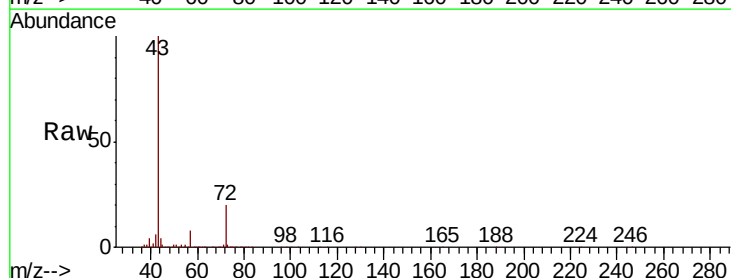
Delta R.T. 0.01 min

Lab File: VL038836.D

Acq: 7 Apr 2022 11:43

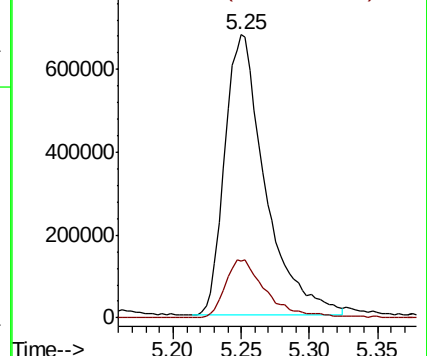
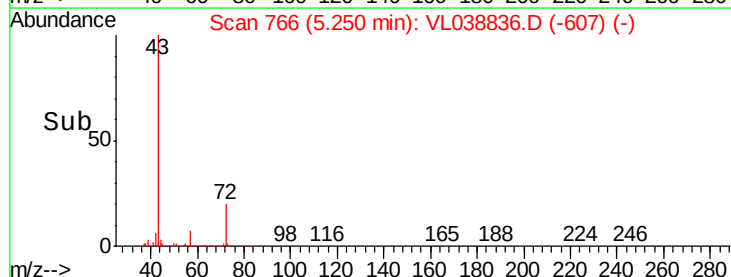
Tgt Ion: 43 Resp: 1402722

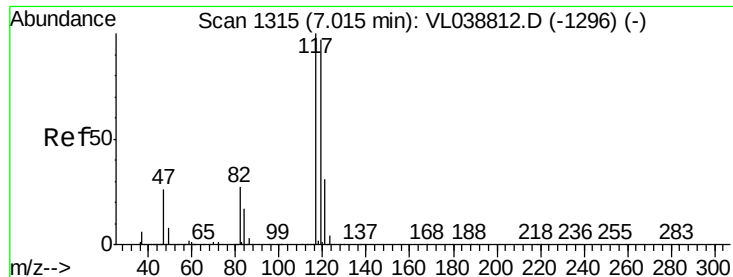
Ion	Ratio	Lower	Upper
43	100		
72	21.3	16.9	25.3



Abundance Ion 43.10 (42.80 to 43.80): VL0

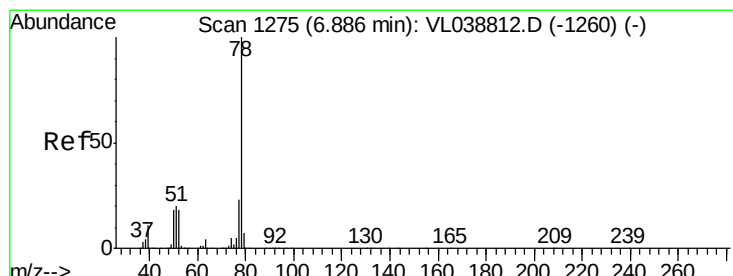
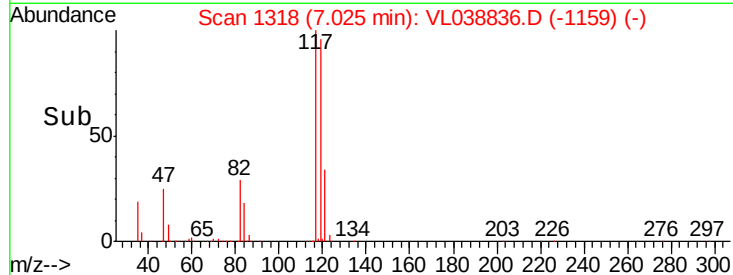
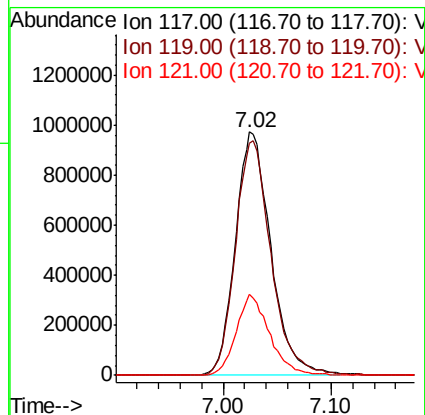
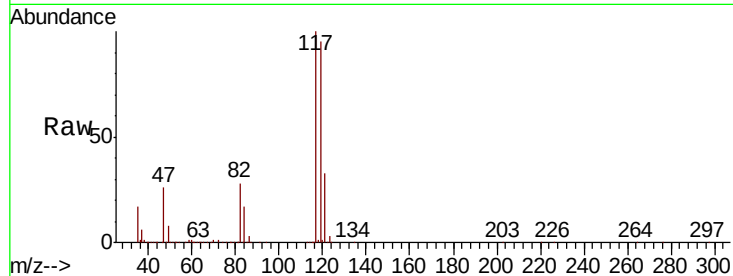
Ion 72.10 (71.80 to 72.80): VL0





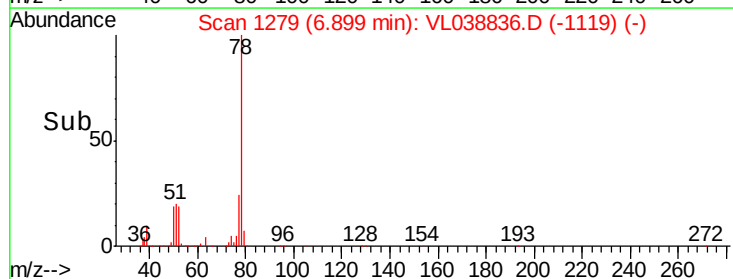
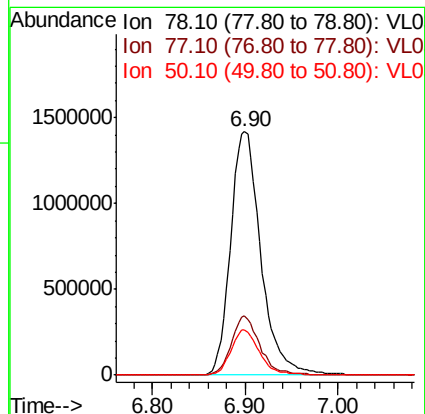
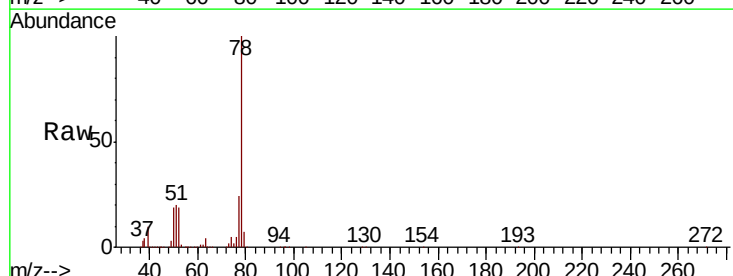
#35
 Carbon Tetrachloride
 Concen: 10.697 ppbv
 RT: 7.02
 Instrument: MSVOA_L
 Delta R.T.:
 Lab File: ClientSampleId : VL0407ABS01
 Acq: 7 Apr 2022 11:43

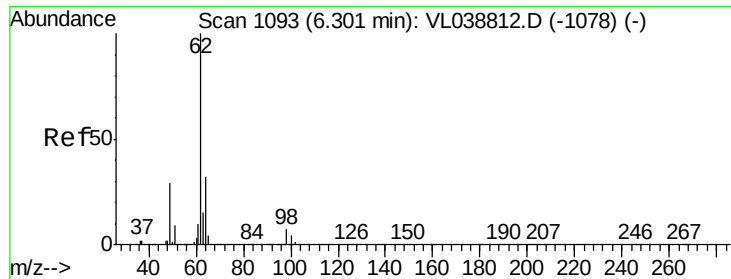
Tot Ion:117 Resp: 2232785
 Ion Ratio Lower Upper
 117 100
 119 95.3 77.7 116.5
 121 33.2 24.5 36.7



#36
 Benzene
 Concen: 10.158 ppbv
 RT: 6.90 min Scan# 1279
 Delta R.T. 0.01 min
 Lab File: VL038836.D
 Acq: 7 Apr 2022 11:43

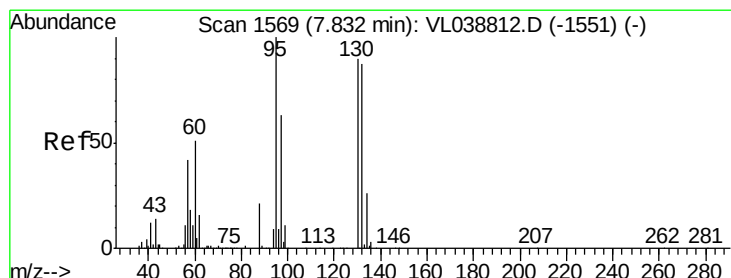
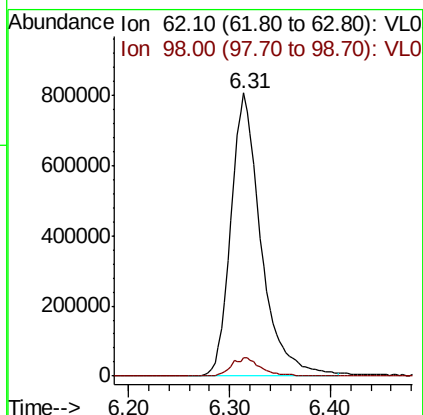
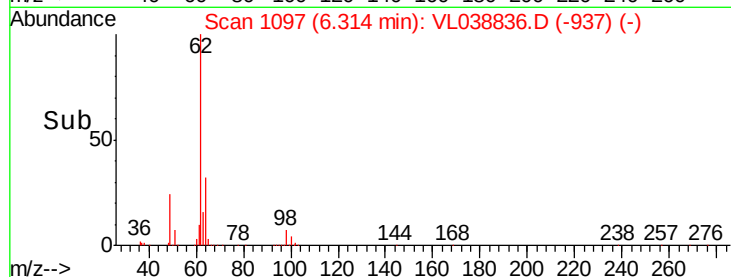
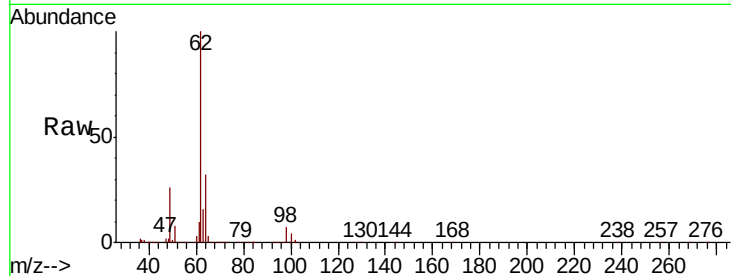
Tgt Ion: 78 Resp: 3217605
 Ion Ratio Lower Upper
 78 100
 77 24.2 18.2 27.2
 50 18.6 14.0 21.0





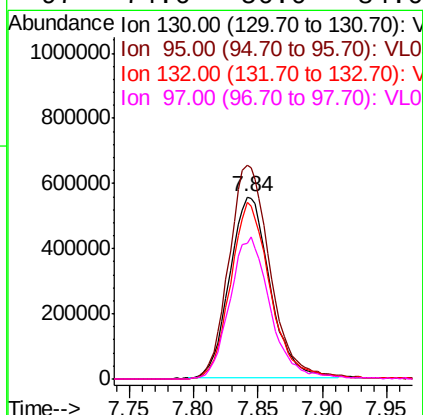
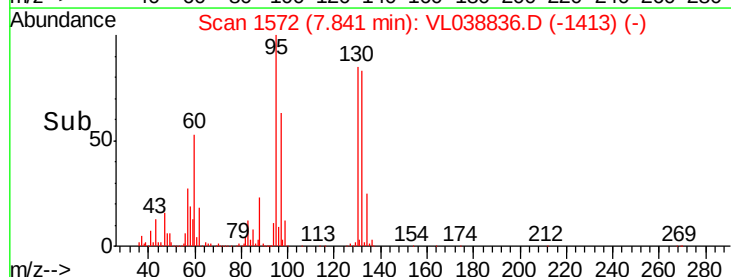
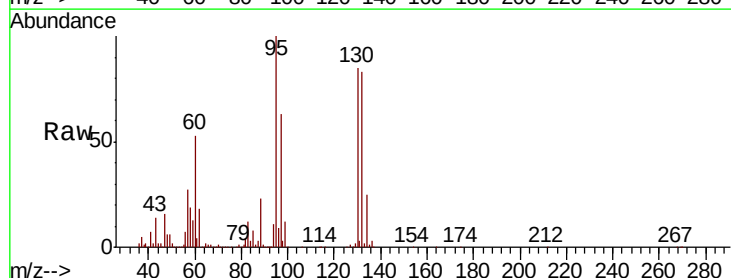
#37
 1,2-Dichloroethane
 Concen: 11.585 ppbv
 RT: 6.31
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VL0407ABS01
 Acq: 7 Apr 2022 11:43

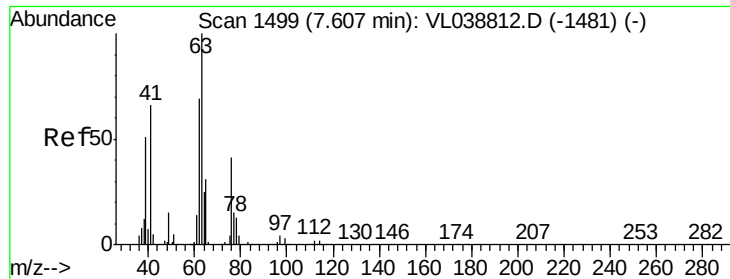
Tot Ion: 62 Resp: 1677648
 Ion Ratio Lower Upper
 62 100
 98 6.5 5.9 8.9



#38
 Trichloroethene
 Concen: 9.302 ppbv
 RT: 7.84 min Scan# 1572
 Delta R.T. 0.01 min
 Lab File: VL038836.D
 Acq: 7 Apr 2022 11:43

Tgt Ion:130 Resp: 1208906
 Ion Ratio Lower Upper
 130 100
 95 117.6 89.4 134.0
 132 97.7 77.7 116.5
 97 74.6 56.0 84.0





#39

1,2-Dichloropropane

Concen: 10.362 ppbv

RT: 7.62 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

Acq: 7 Apr 2022 11:43

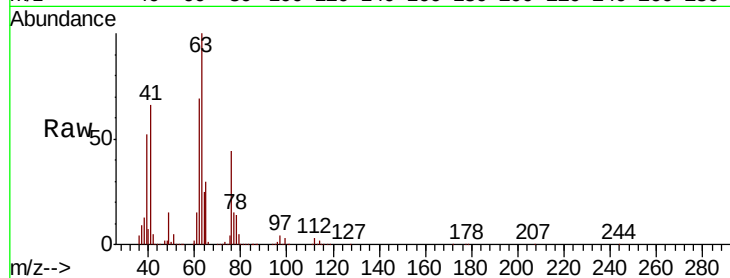
Tot Ion: 63 Resp: 1255296

Ion Ratio Lower Upper

63 100

41 65.5 53.0 79.6

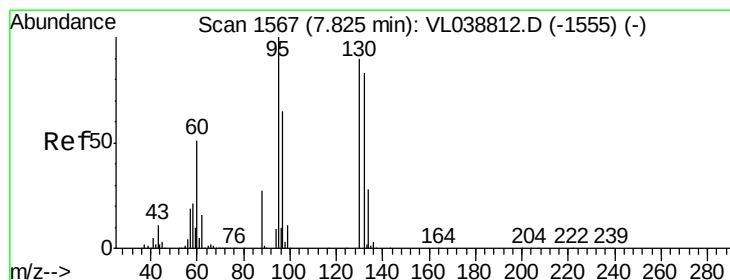
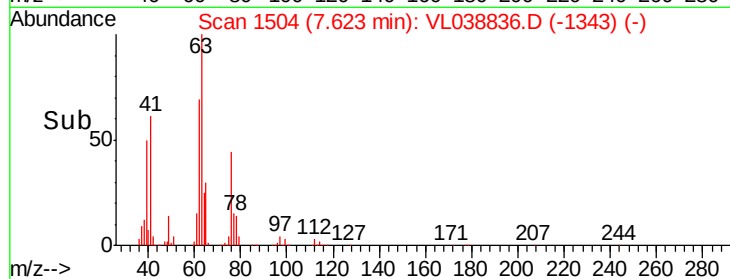
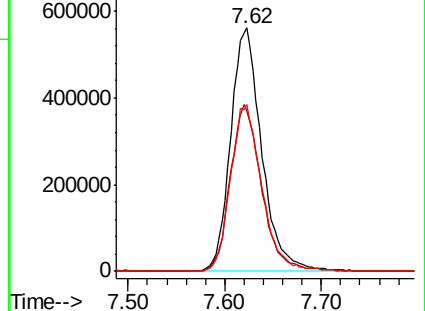
62 68.6 55.0 82.4



Abundance Ion 63.10 (62.80 to 63.80): VL0

Ion 41.10 (40.80 to 41.80): VL0

Ion 62.10 (61.80 to 62.80): VL0



#40

1,4-Dioxane

Concen: 9.672 ppbv

RT: 7.84 min Scan# 1571

Delta R.T. 0.01 min

Lab File: VL038836.D

Acq: 7 Apr 2022 11:43

Tgt Ion: 88 Resp: 397895

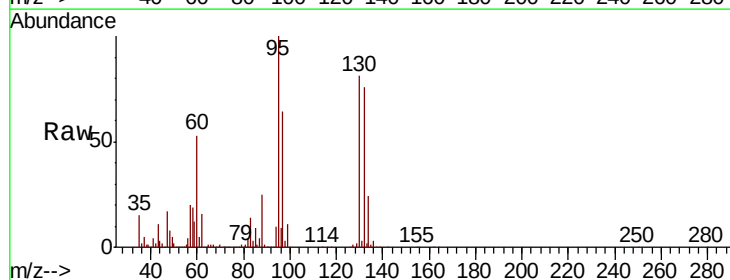
Ion Ratio Lower Upper

88 100

58 140.4 49.4 74.0#

43 289.7 0.0 0.0#

57 1321.6 0.0 0.0#

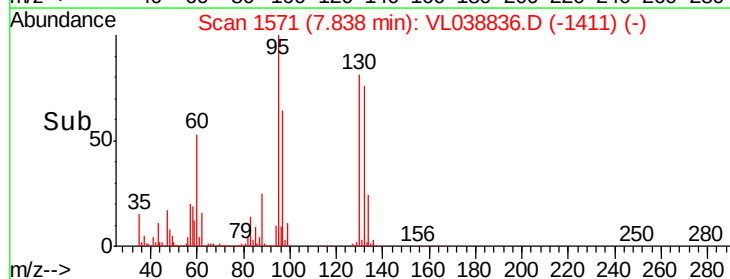
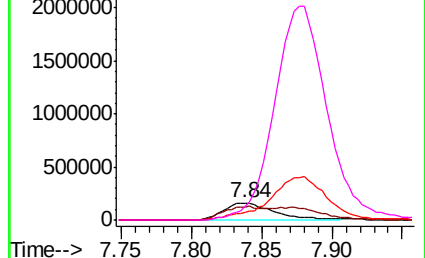


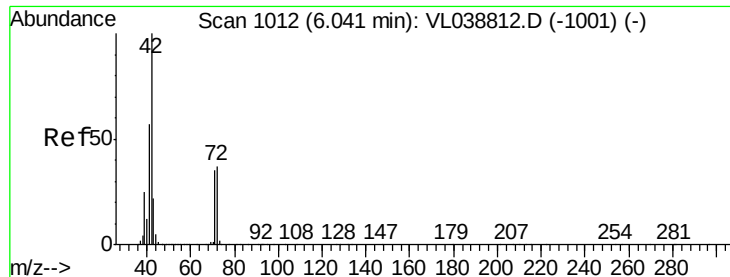
Abundance Ion 88.10 (87.80 to 88.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

Ion 43.10 (42.80 to 43.80): VL0

Ion 57.10 (56.80 to 57.80): VL0





#41

Tetrahydrofuran

Concen: 9.974 ppbv

RT: 6.05 Instrument: MSVOA_1

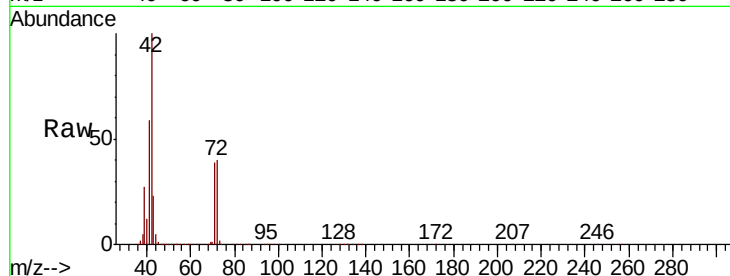
Delta R.T. ClientSampleId:

Lab File: VL0407ABS01

Acq: 7 Apr 2022 11:43

Tot Ion: 42 Resp: 1303309

Ion	Ratio	Lower	Upper
42	100		
72	40.1	31.4	47.0
71	38.0	30.2	45.4

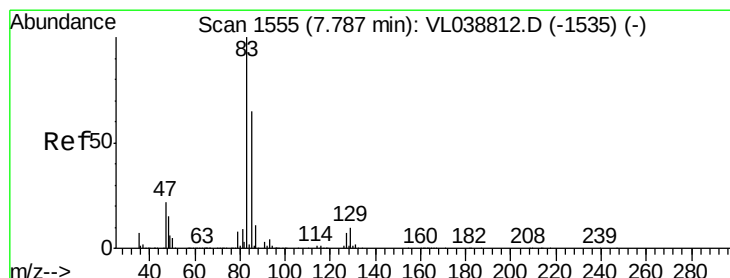
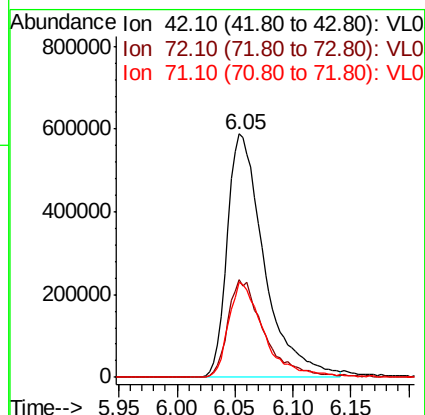
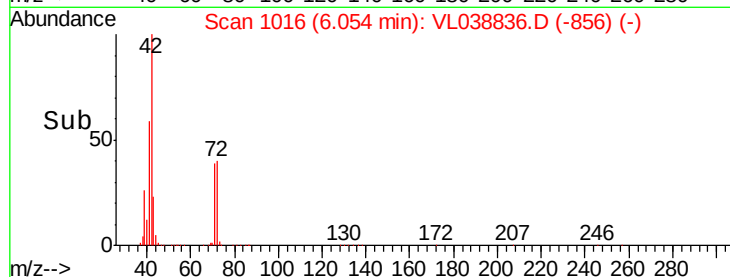


Abundance

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: 11.040 ppbv

RT: 7.80 min Scan# 1559

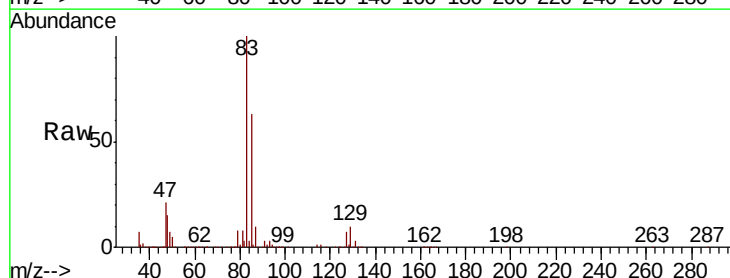
Delta R.T. 0.01 min

Lab File: VL038836.D

Acq: 7 Apr 2022 11:43

Tgt Ion: 83 Resp: 2524733

Ion	Ratio	Lower	Upper
83	100		
85	63.5	51.7	77.5
127	7.1	5.9	8.9

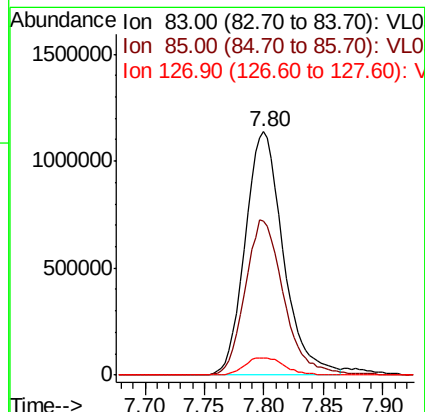
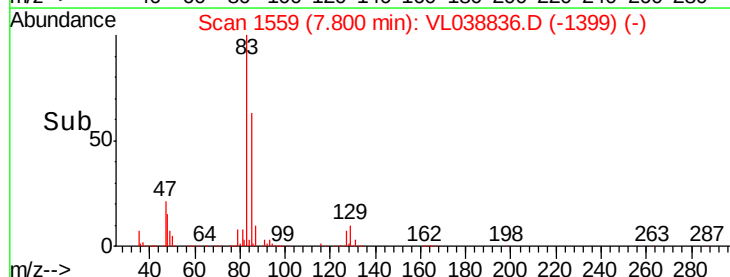


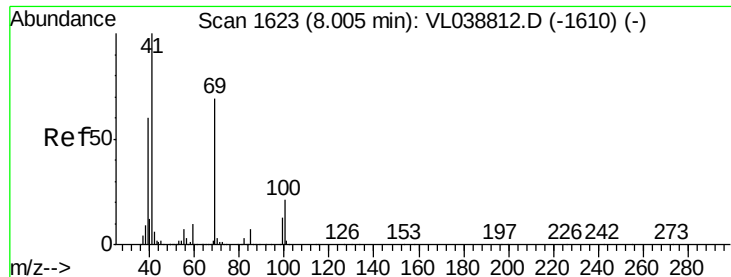
Abundance

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

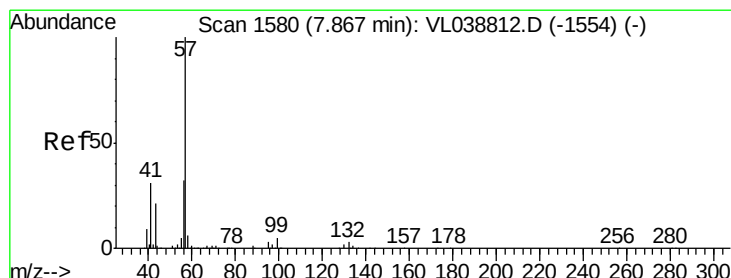
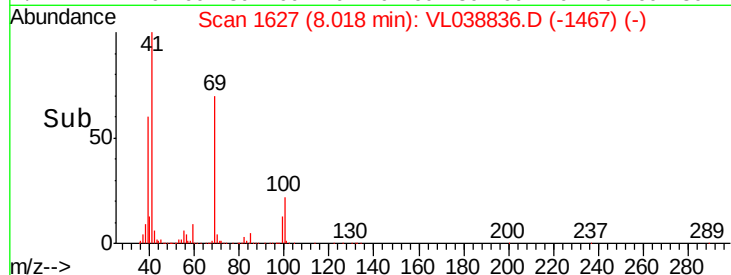
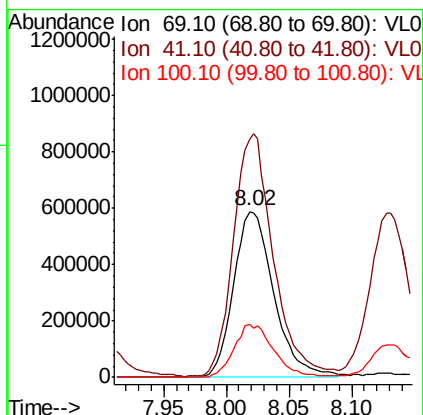
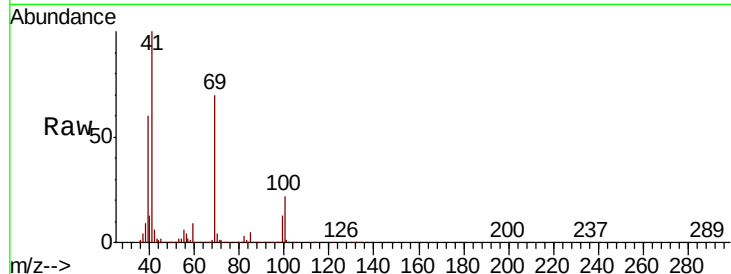




#43
Methvl Methacrylate
Concen: 10.831 ppbv
RT: 8.02
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
Acq: 7 Apr 2022 11:43

Tot Ion: 69 Resp: 1313981

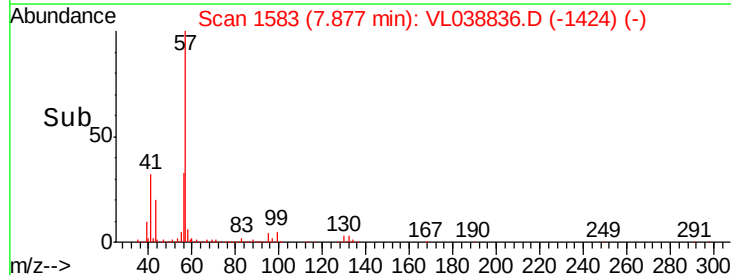
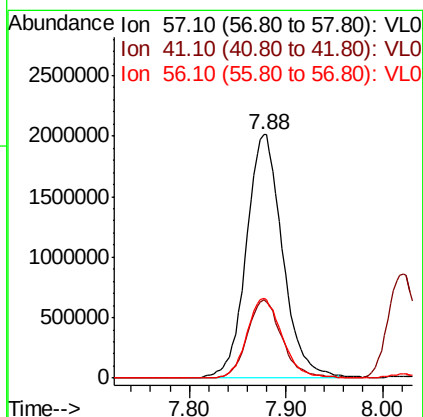
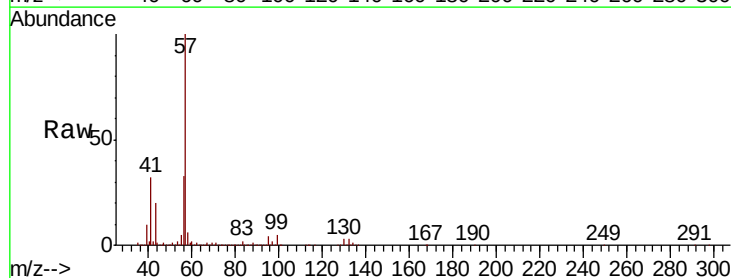
Ion	Ratio	Lower	Upper
69	100		
41	145.6	119.0	178.4
100	31.4	26.4	39.6

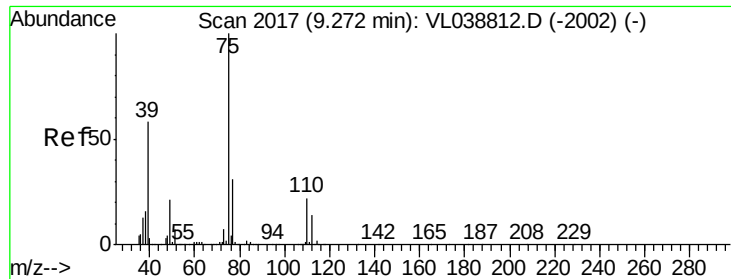


#44
2,2,4-Trimethylpentane
Concen: 9.746 ppbv
RT: 7.88 min Scan# 1583
Delta R.T.: 0.01 min
Lab File: VL038836.D
Acq: 7 Apr 2022 11:43

Tgt Ion: 57 Resp: 5226217

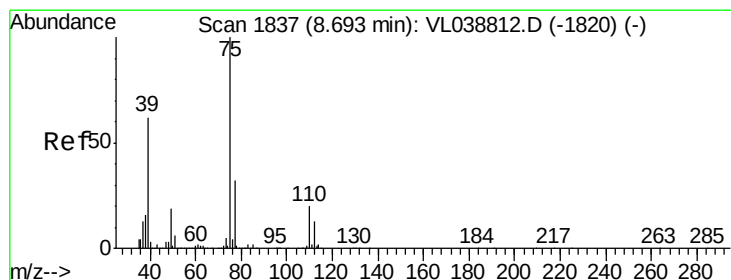
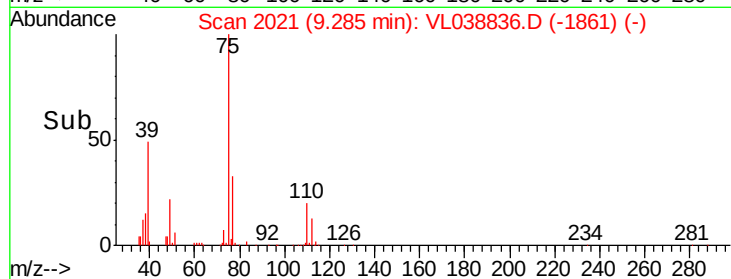
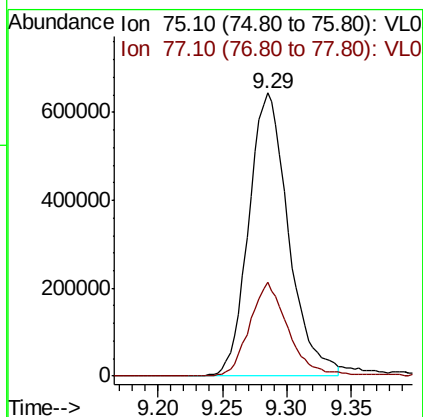
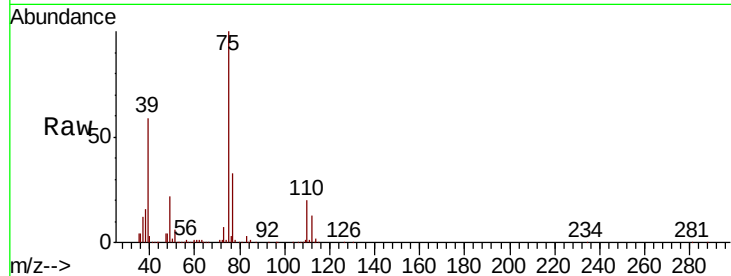
Ion	Ratio	Lower	Upper
57	100		
41	30.9	25.0	37.4
56	32.0	25.3	37.9





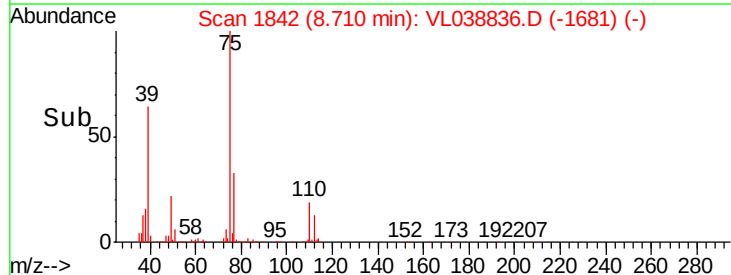
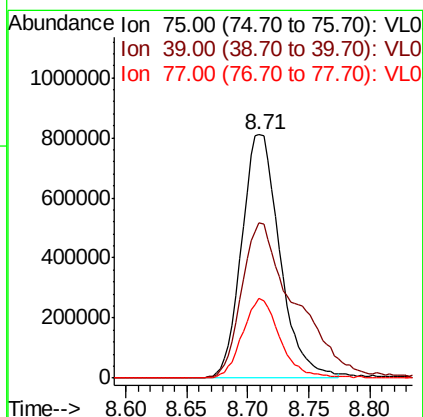
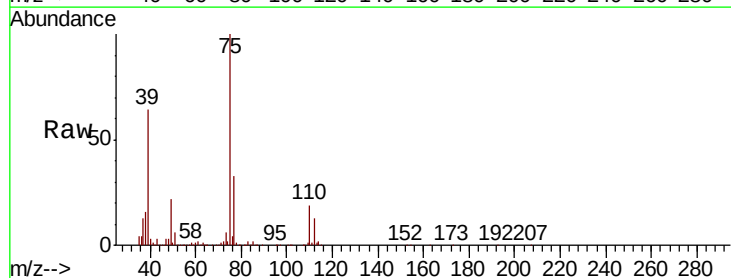
#45
 t-1,3-Dichloropropene
 Concen: 10.934 ppbv
 RT: 9.29
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId : VL0407ABS01
 Acq: 7 Apr 2022 11:43

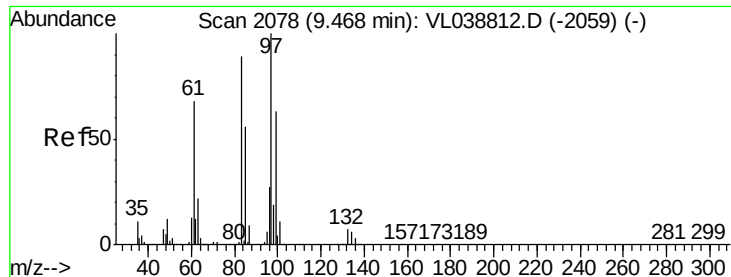
Tot Ion: 75 Resp: 1386944
 Ion Ratio Lower Upper
 75 100
 77 33.1 25.0 37.4



#46
 cis-1,3-Dichloropropene
 Concen: 10.466 ppbv
 RT: 8.71 min Scan# 1842
 Delta R.T. 0.02 min
 Lab File: VL038836.D
 Acq: 7 Apr 2022 11:43

Tgt Ion: 75 Resp: 1750383
 Ion Ratio Lower Upper
 75 100
 39 63.9 49.7 74.5
 77 32.5 25.6 38.4





#47

1,1,2-Trichloroethane

Concen: 10.281 ppbv

RT: 9.48 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 7 Apr 2022 11:43 VL0407ABS01

Tot Ion: 97 Resp: 1276262

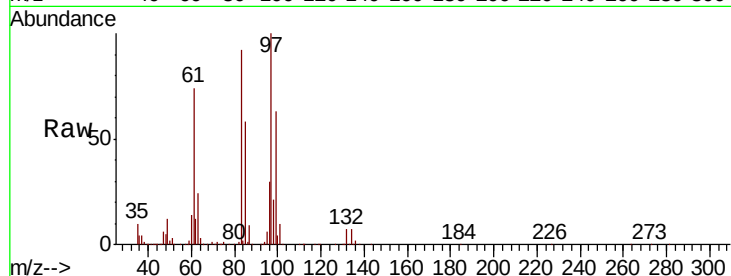
Ion	Ratio	Lower	Upper
97	100		
83	91.9	71.1	106.7
85	58.4	45.1	67.7
99	62.9	50.8	76.2

97 100

83 91.9 71.1 106.7

85 58.4 45.1 67.7

99 62.9 50.8 76.2

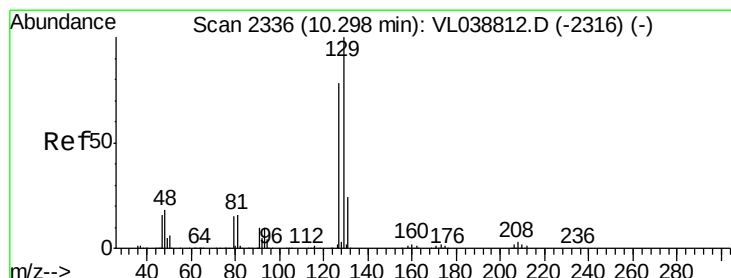
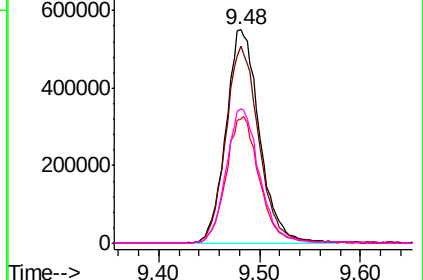
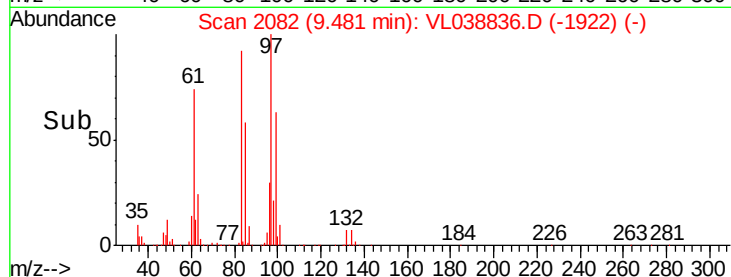


Abundance Ion 97.00 (96.70 to 97.70): VL0

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: 10.675 ppbv

RT: 10.31 min Scan# 2340

Delta R.T. 0.01 min

Lab File: VL038836.D

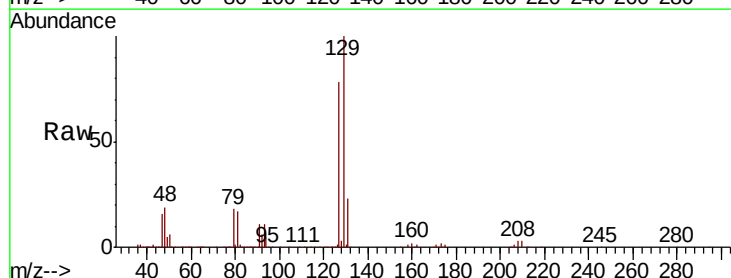
Acq: 7 Apr 2022 11:43

Tgt Ion: 129 Resp: 2077041

Ion	Ratio	Lower	Upper
129	100		
127	78.5	38.9	116.6

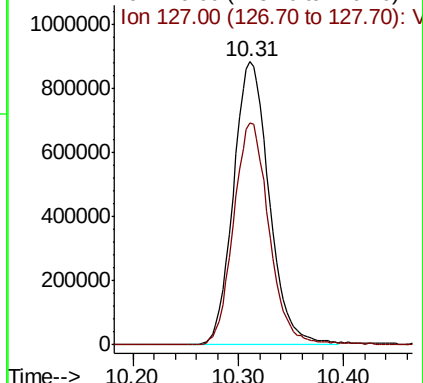
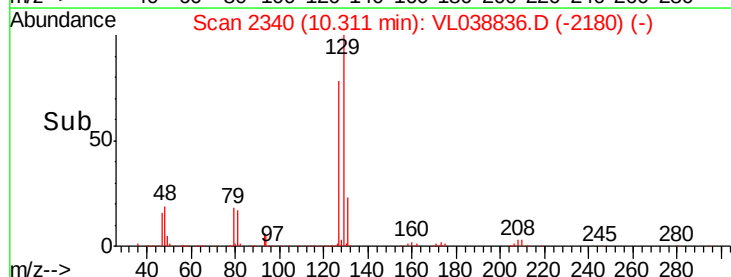
129 100

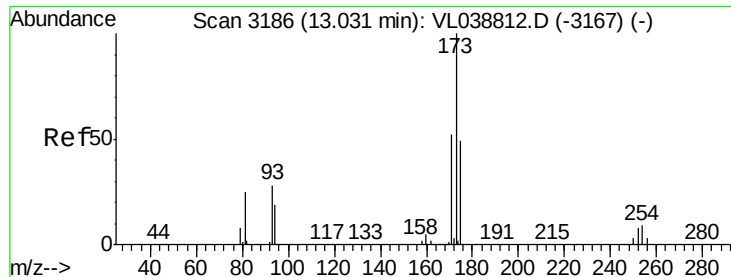
127 78.5 38.9 116.6



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V





#49

Bromoform

Concen: 10.679 ppbv

RT: 13.05

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 7 Apr 2022 11:43

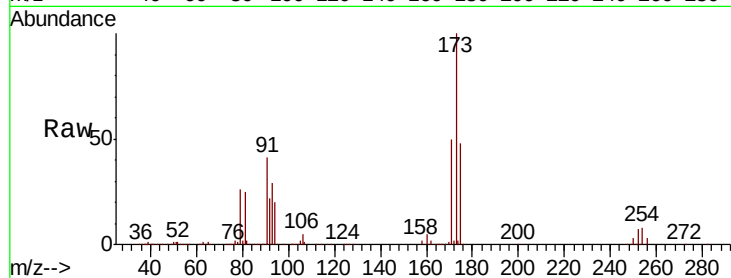
Tot Ion:173 Resp: 1645638

Ion Ratio Lower Upper

173 100

175 50.9 39.9 59.9

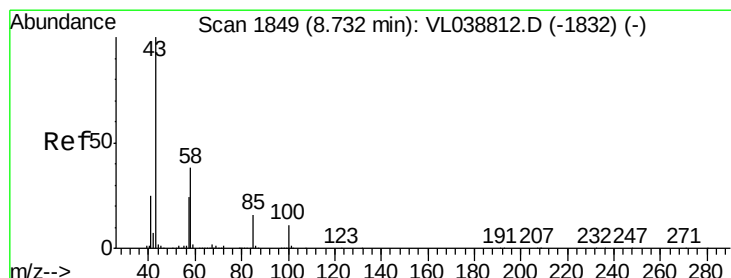
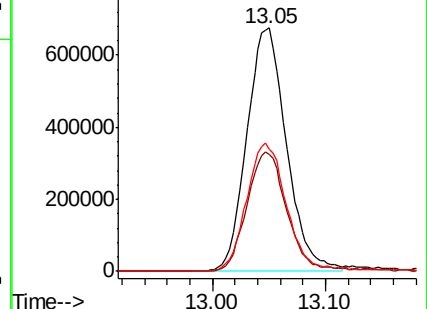
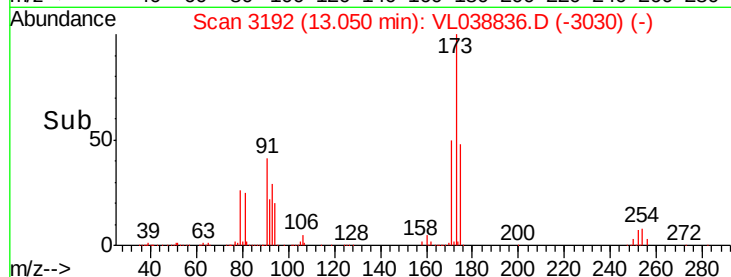
171 54.2 43.4 65.0



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: 10.516 ppbv

RT: 8.74 min Scan# 1853

Delta R.T. 0.01 min

Lab File: VL038836.D

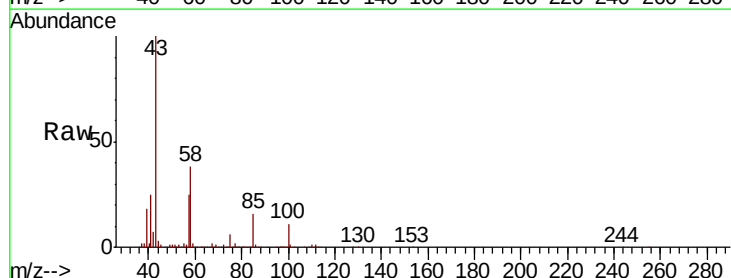
Acq: 7 Apr 2022 11:43

Tgt Ion: 43 Resp: 3254358

Ion Ratio Lower Upper

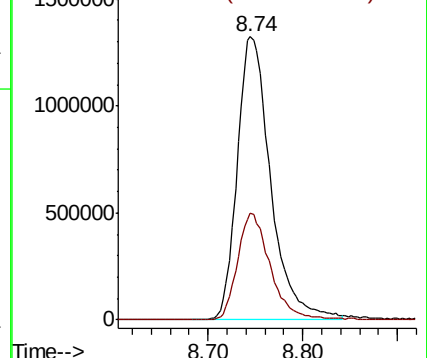
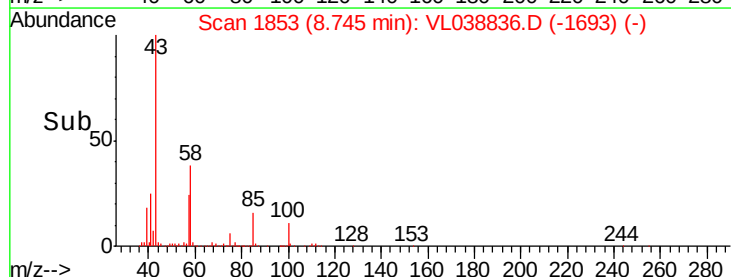
43 100

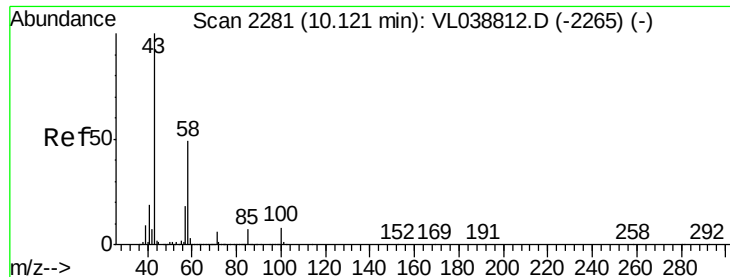
58 37.4 29.0 43.6



Abundance Ion 43.10 (42.80 to 43.80): VL0

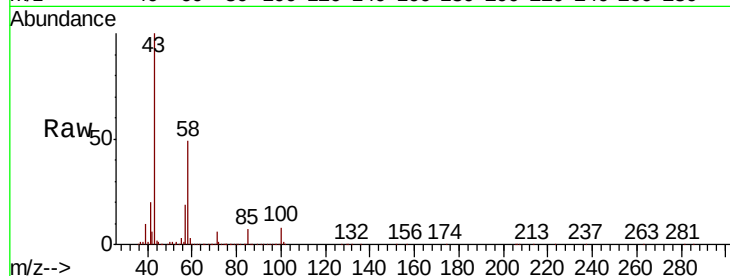
Ion 58.10 (57.80 to 58.80): VL0



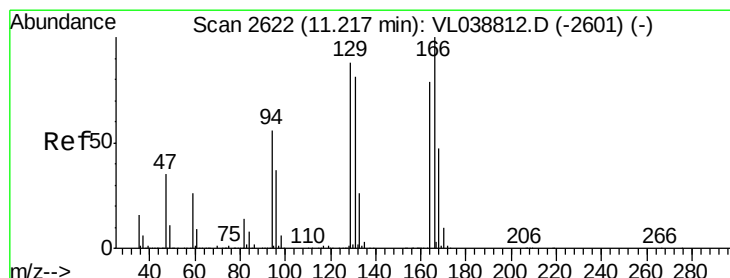
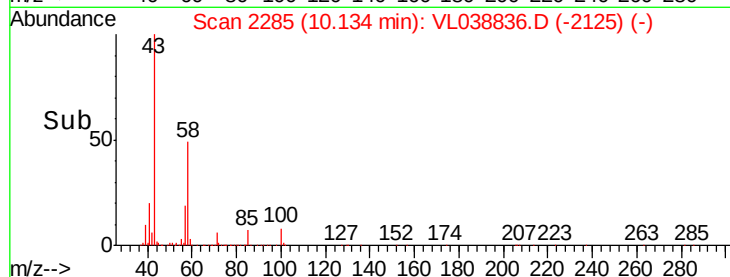
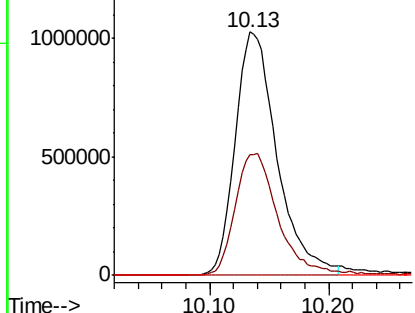


#51
2-Hexanone
Concen: 10.735 ppbv
RT: 10.13 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 7 Apr 2022 11:43

Tot Ion: 43 Resp: 2503063
Ion Ratio Lower Upper
43 100
58 51.7 41.4 62.0
98 0.2 0.1 0.1#

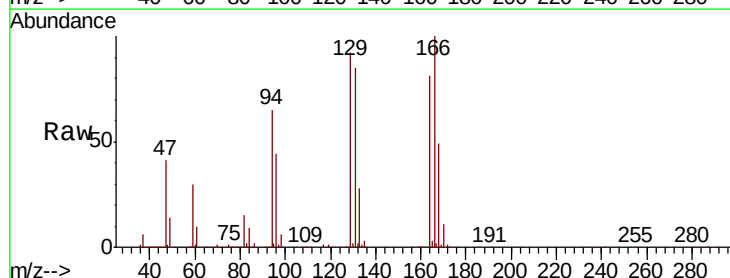


Abundance Ion 43.10 (42.80 to 43.80): VL0
Ion 58.10 (57.80 to 58.80): VL0
Ion 98.20 (97.90 to 98.90): VL0

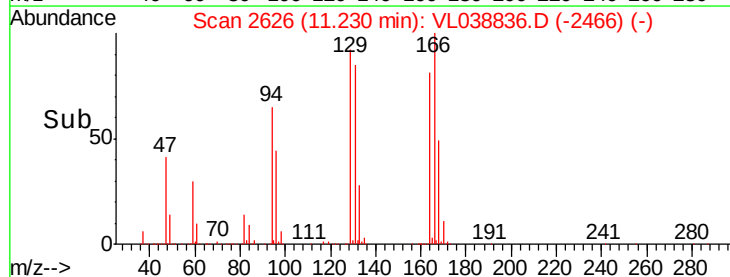
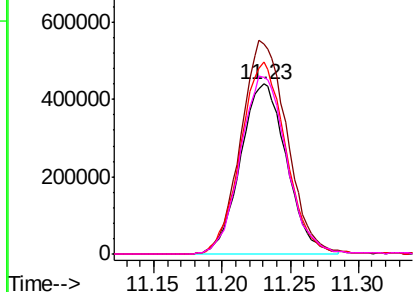


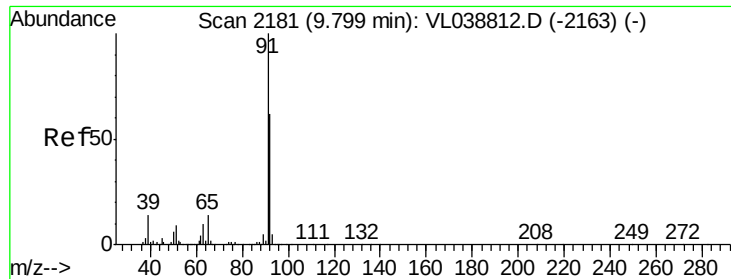
#52
Tetrachloroethene
Concen: 9.296 ppbv
RT: 11.23 min Scan# 2626
Delta R.T.: 0.01 min
Lab File: VL038836.D
Acq: 7 Apr 2022 11:43

Tgt Ion: 164 Resp: 1028440
Ion Ratio Lower Upper
164 100
166 123.3 101.0 151.6
129 113.3 88.7 133.1
131 104.2 81.8 122.6



Abundance Ion 163.90 (163.60 to 164.60): V
Ion 165.90 (165.60 to 166.60): V
Ion 129.00 (128.70 to 129.70): V
Ion 131.00 (130.70 to 131.70): V





#53

Toluene

Concen: 9.927 ppbv

RT: 9.81 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

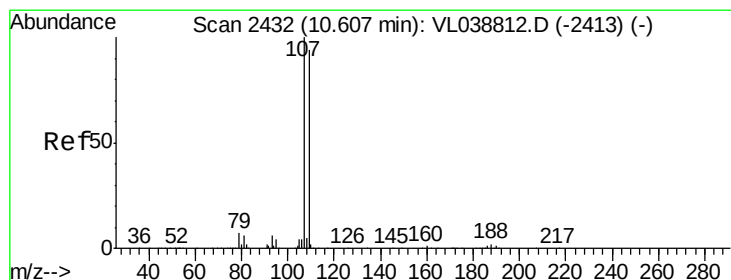
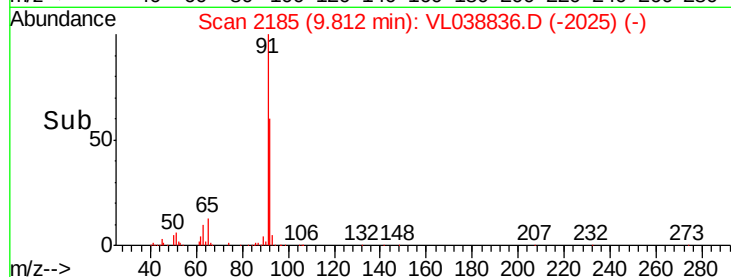
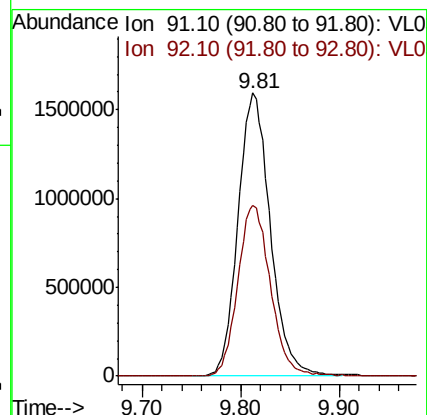
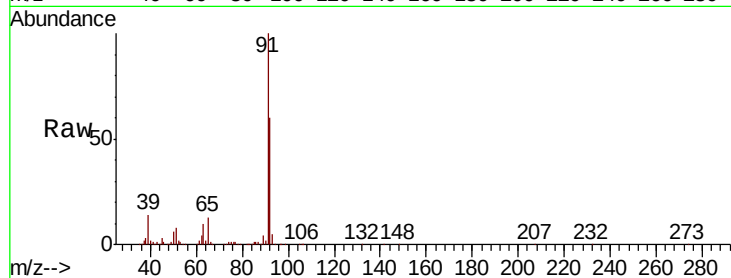
Acq: 7 Apr 2022 11:43 VL0407ABS01

Tot Ion: 91 Resp: 3629760

Ion Ratio Lower Upper

91 100

92 60.9 49.2 73.8



#54

1,2-Dibromoethane

Concen: 10.597 ppbv

RT: 10.62 min Scan# 2436

Delta R.T. 0.01 min

Lab File: VL038836.D

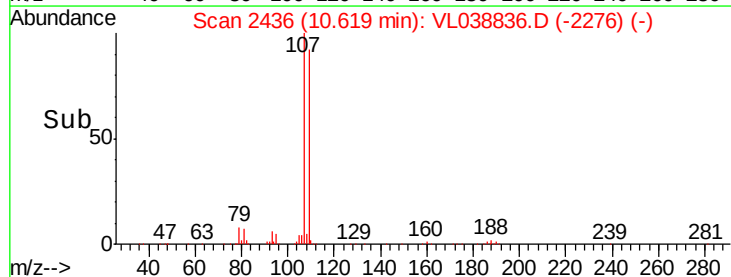
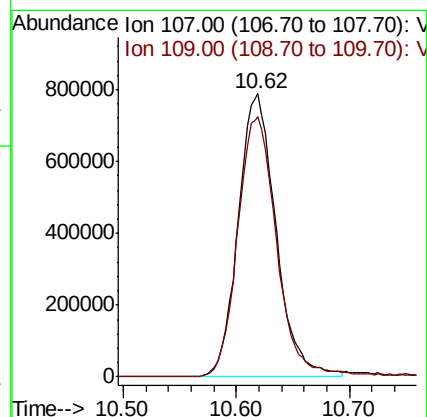
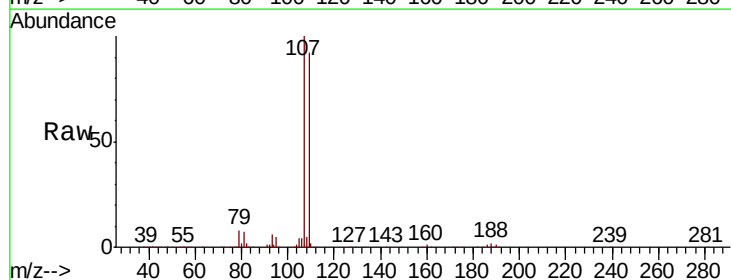
Acq: 7 Apr 2022 11:43

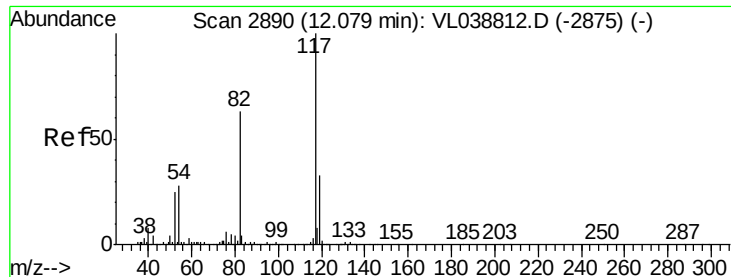
Tgt Ion: 107 Resp: 1827201

Ion Ratio Lower Upper

107 100

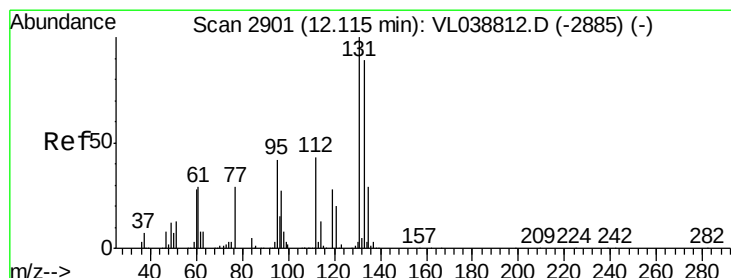
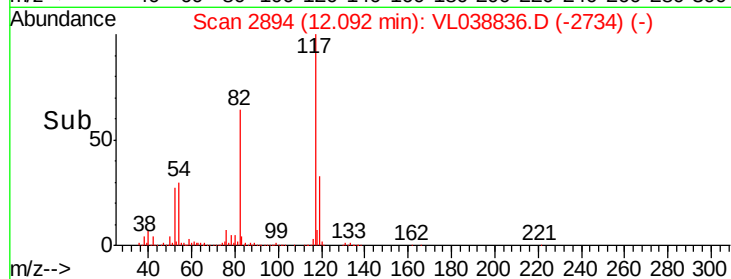
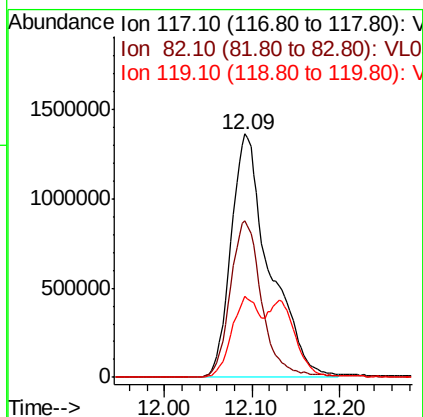
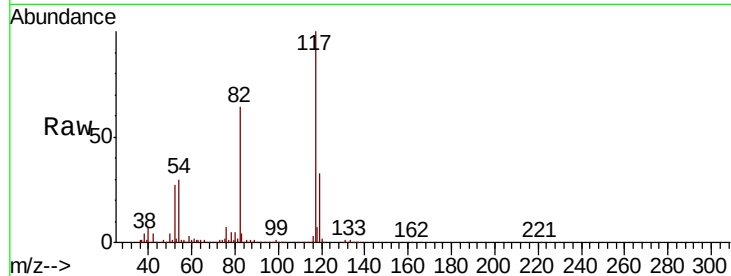
109 91.8 75.5 113.3





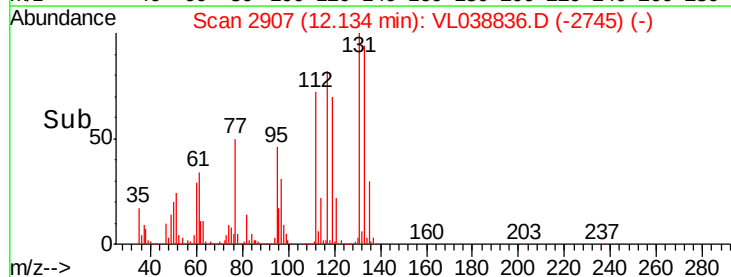
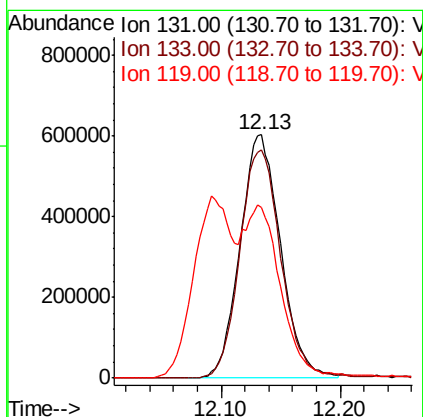
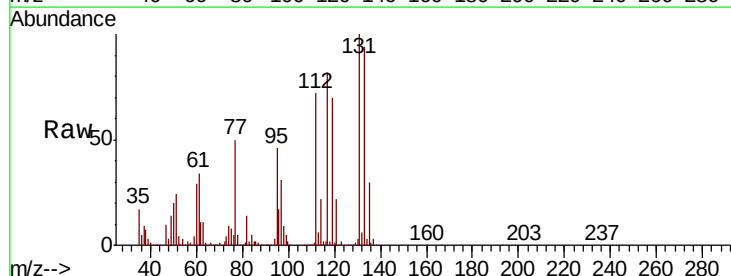
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.09 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId : VL0407ABS01
Acq: 7 Apr 2022 11:43

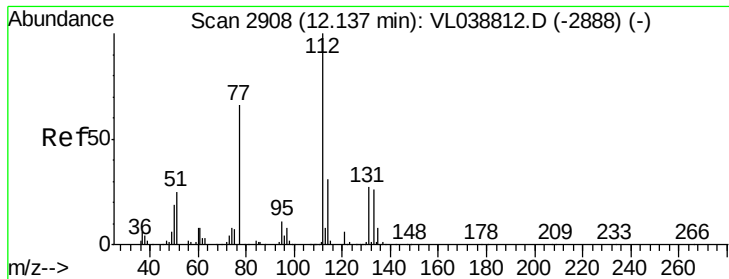
Tot Ion:117 Resp: 4158624
Ion Ratio Lower Upper
117 100
82 53.8 53.0 79.6
119 25.0 24.9 37.3



#56
1,1,1,2-Tetrachloroethane
Concen: 7.789 ppbv
RT: 12.13 min Scan# 2907
Delta R.T. 0.02 min
Lab File: VL038836.D
Acq: 7 Apr 2022 11:43

Tgt Ion:131 Resp: 1419546
Ion Ratio Lower Upper
131 100
133 97.0 78.2 117.4
119 74.2 58.6 87.8





#57

Chlorobenzene

Concen: 7.528 ppbv

RT: 12.15

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 7 Apr 2022 11:43

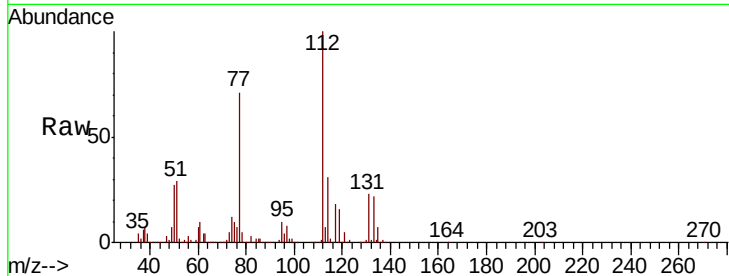
Tot Ion:112 Resp: 2564110

Ion Ratio Lower Upper

112 100

77 69.8 52.4 78.6

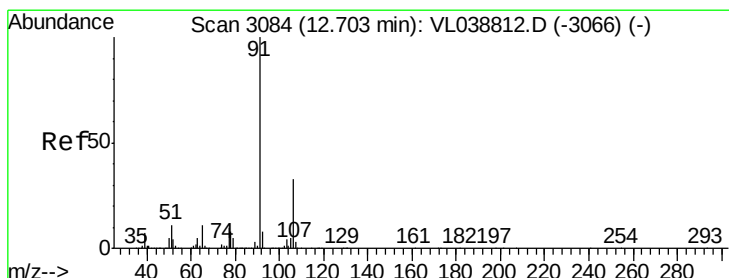
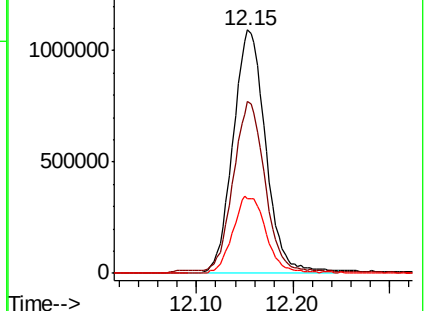
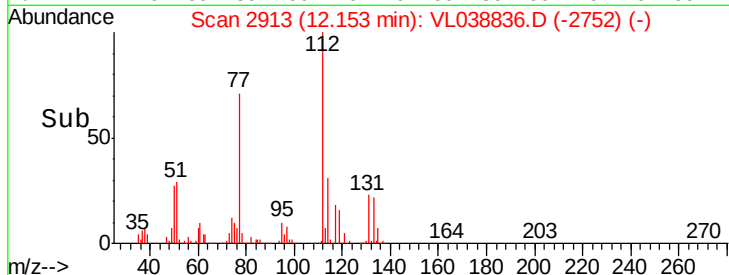
114 30.7 28.1 34.3



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: 7.814 ppbv

RT: 12.72 min Scan# 3089

Delta R.T. 0.02 min

Lab File: VL038836.D

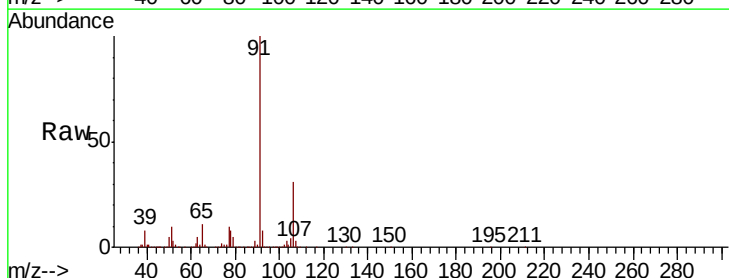
Acq: 7 Apr 2022 11:43

Tgt Ion: 91 Resp: 4855571

Ion Ratio Lower Upper

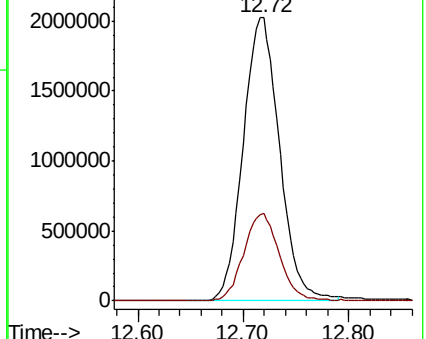
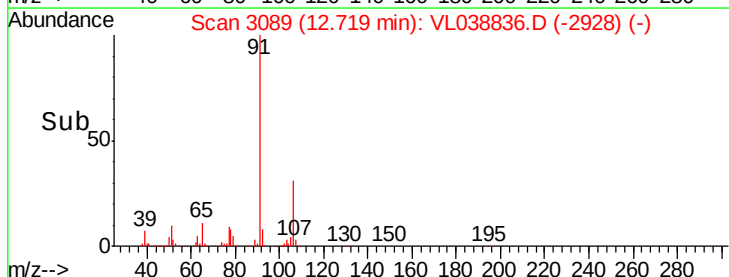
91 100

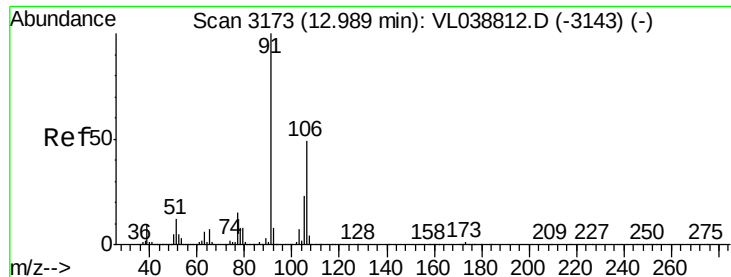
106 30.7 26.7 40.1



Abundance Ion 91.10 (90.80 to 91.80): VL0

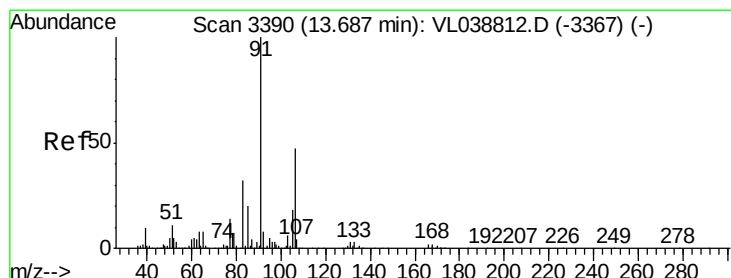
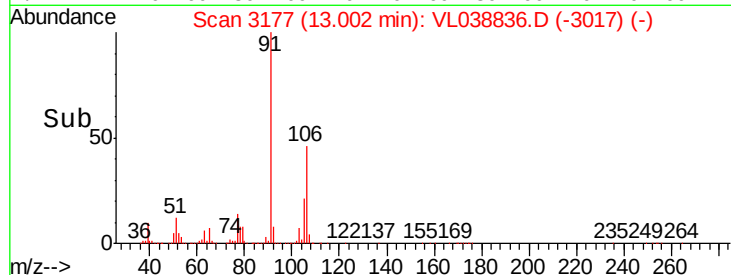
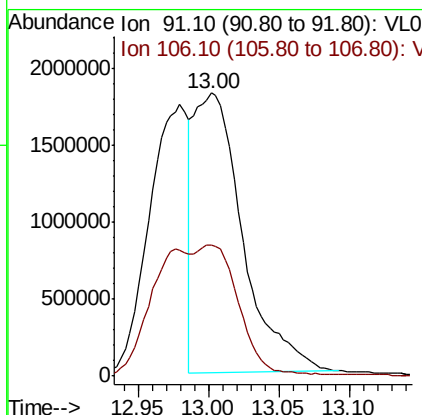
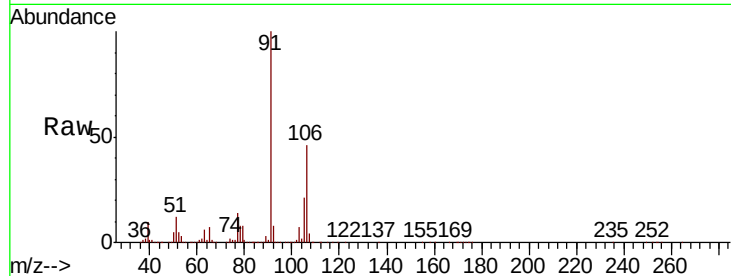
Ion 106.10 (105.80 to 106.80): V





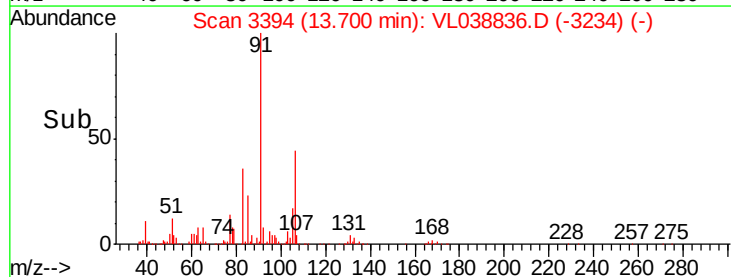
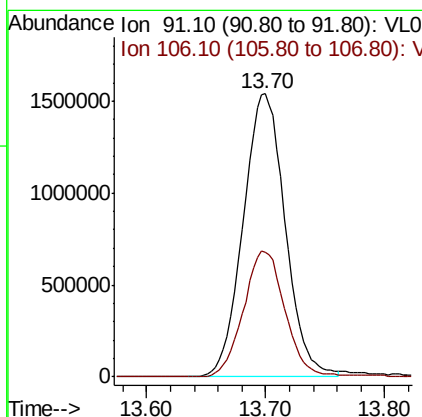
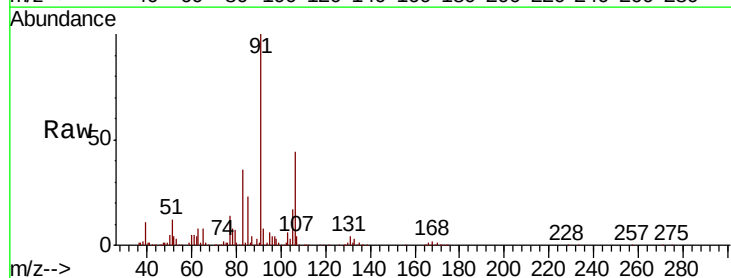
#59
m/p-Xylene
Concen: 8.374 ppbv
RT: 13.00
Delta R.T. MSVOA_L
Lab File: ClientSampleId : VL0407ABS01
Acq: 7 Apr 2022 11:43

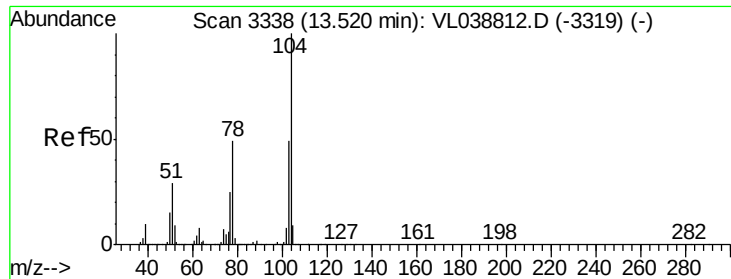
Tot Ion: 91 Resp: 4371986
Ion Ratio Lower Upper
91 100
106 80.3 37.1 55.7#



#60
o-Xylene
Concen: 7.704 ppbv
RT: 13.70 min Scan# 3394
Delta R.T. 0.01 min
Lab File: VL038836.D
Acq: 7 Apr 2022 11:43

Tgt Ion: 91 Resp: 3763352
Ion Ratio Lower Upper
91 100
106 44.7 23.8 71.4

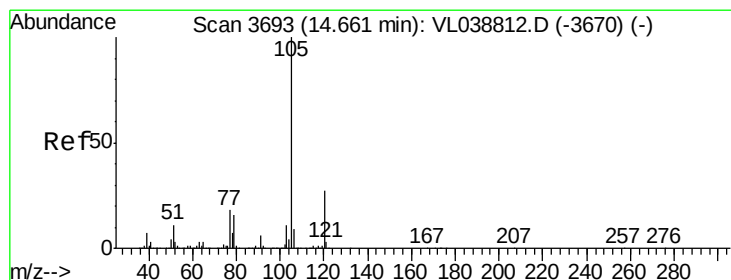
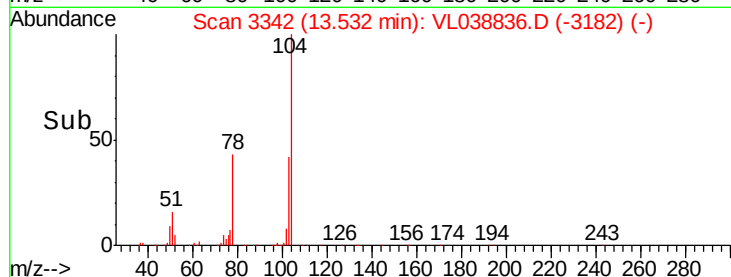
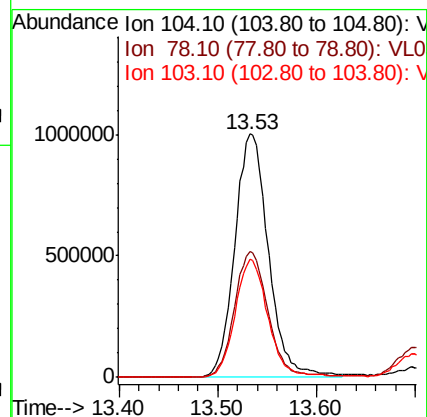
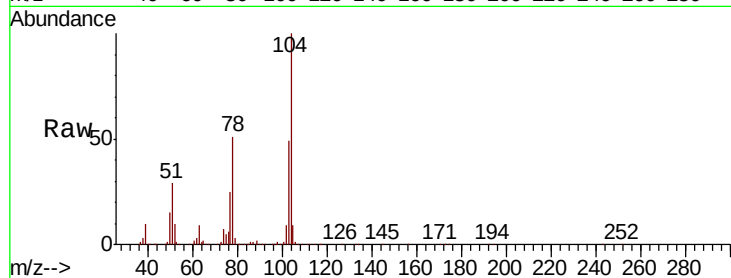




#61
Stvrene
Concen: 8.009 ppbv
RT: 13.53 min
Instrument: MSVOA_1
Delta R.T.: 0.01 min
Lab File: VL0407ABS01
Acq: 7 Apr 2022 11:43

Tot Ion:104 Resp: 2383727

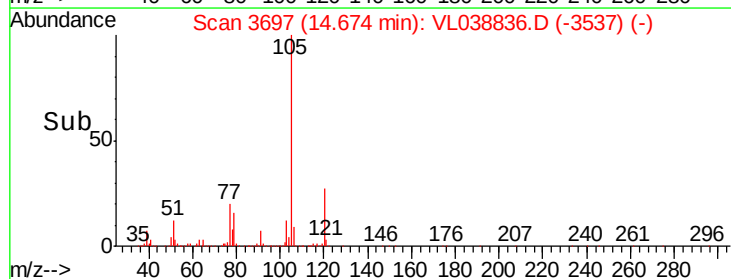
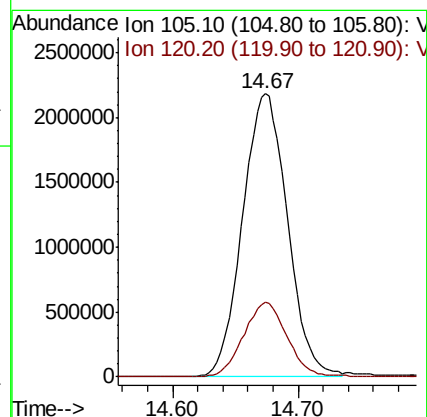
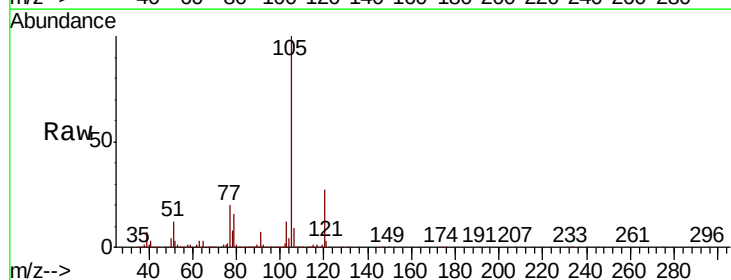
Ion	Ratio	Lower	Upper
104	100		
78	52.1	40.5	60.7
103	47.4	39.0	58.4

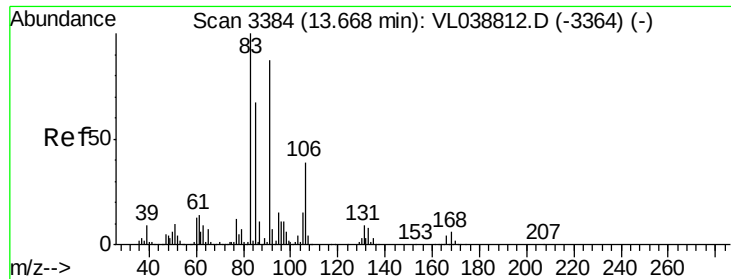


#62
Isopropylbenzene
Concen: 7.406 ppbv
RT: 14.67 min Scan# 3697
Delta R.T.: 0.01 min
Lab File: VL038836.D
Acq: 7 Apr 2022 11:43

Tgt Ion:105 Resp: 5430753

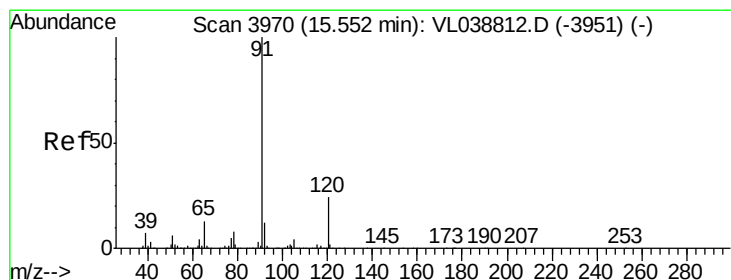
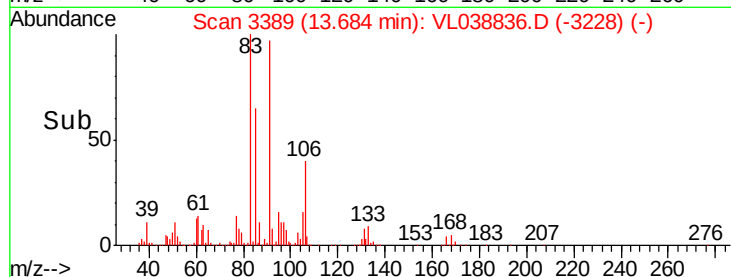
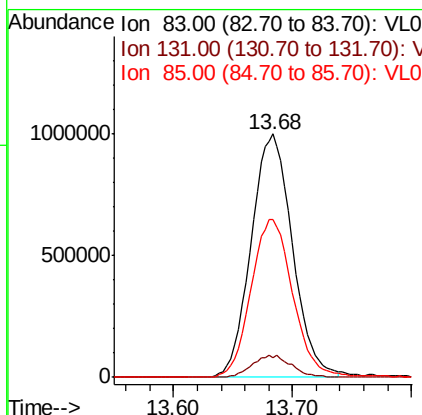
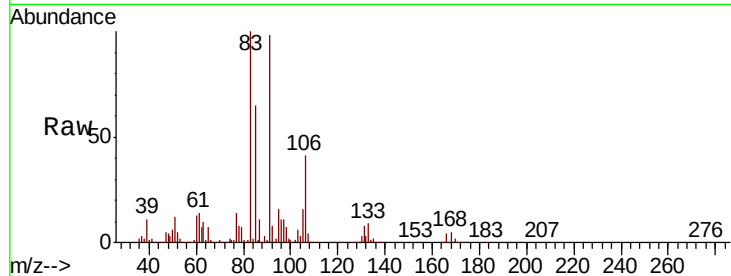
Ion	Ratio	Lower	Upper
105	100		
120	25.9	21.8	32.8





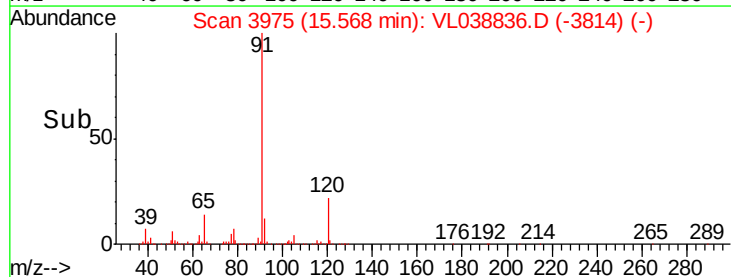
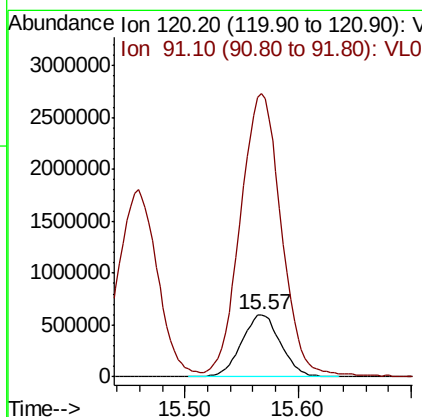
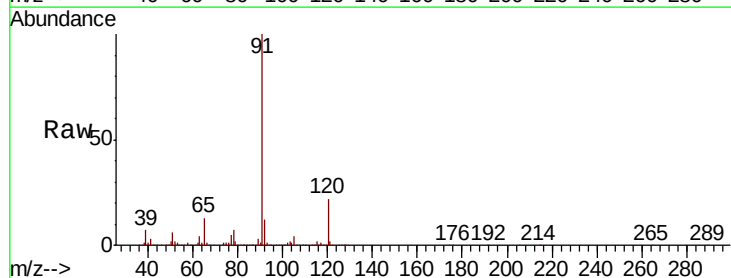
#63
 1,1,2,2-Tetrachloroethane
 Concen: 7.741 ppbv
 RT: 13.68 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId : VL0407ABS01
 Acq: 7 Apr 2022 11:43

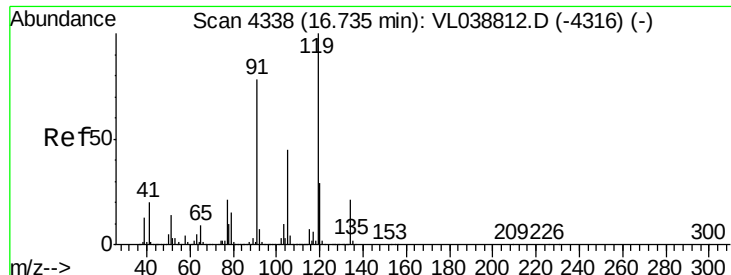
Tot Ion: 83 Resp: 2395176
 Ion Ratio Lower Upper
 83 100
 131 8.8 4.6 13.8
 85 66.4 33.0 99.0



#64
 n-propylbenzene
 Concen: 7.553 ppbv
 RT: 15.57 min Scan# 3975
 Delta R.T. 0.02 min
 Lab File: VL038836.D
 Acq: 7 Apr 2022 11:43

Tgt Ion:120 Resp: 1438070
 Ion Ratio Lower Upper
 120 100
 91 479.9 360.6 540.8

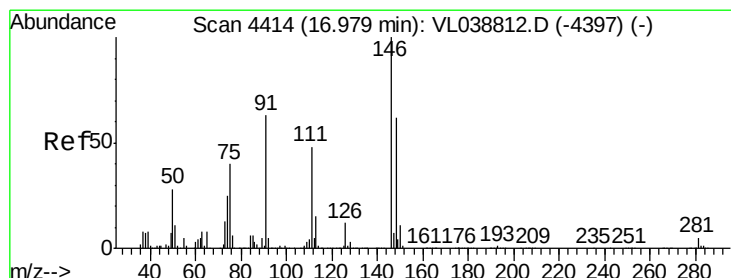
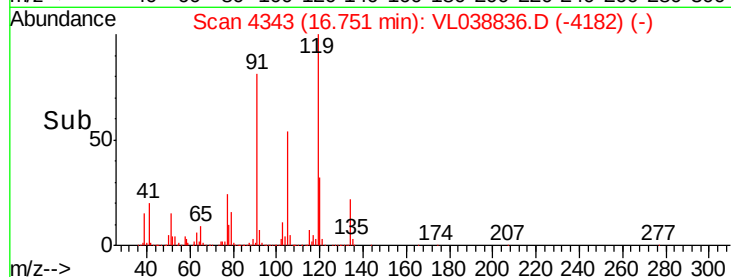
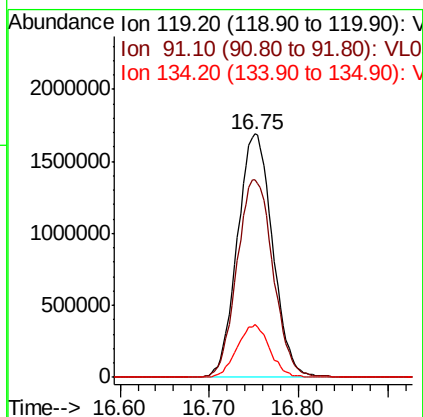
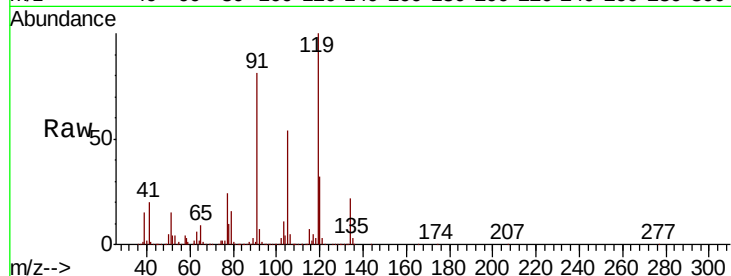




#65
 tert-Butylbenzene
 Concen: 7.131 ppbv
 RT: 16.75 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId : VL0407ABS01
 Acq: 7 Apr 2022 11:43

Tot Ion: 119 Resp: 4639084

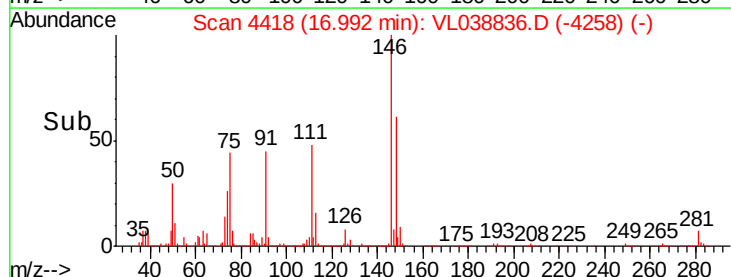
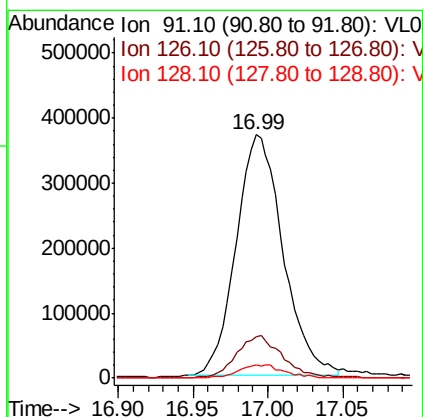
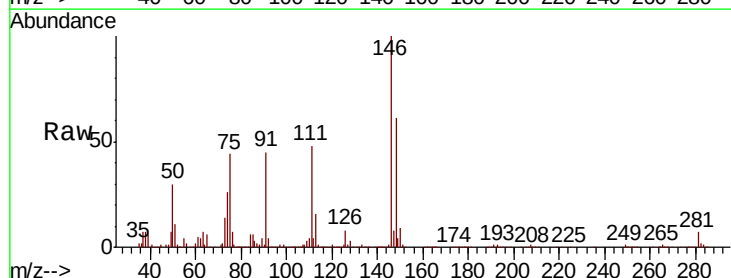
Ion	Ratio	Lower	Upper
119	100		
91	83.3	62.8	94.2
134	20.0	16.2	24.4

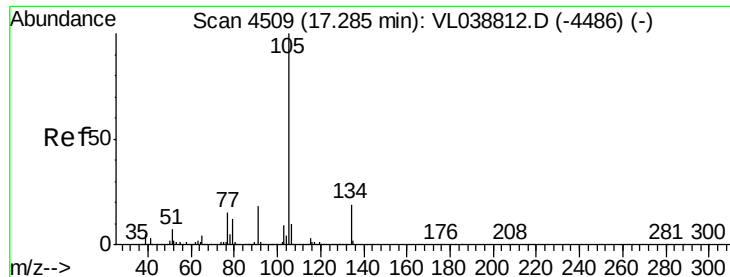


#66
 Benzyl Chloride
 Concen: 6.112 ppbv
 RT: 16.99 min Scan# 4418
 Delta R.T.: 0.01 min
 Lab File: VL038836.D
 Acq: 7 Apr 2022 11:43

Tgt Ion: 91 Resp: 809542

Ion	Ratio	Lower	Upper
91	100		
126	17.9	15.4	23.0
128	5.8	4.7	7.1





#67

sec-Butylbenzene

Concen: 7.399 ppbv

RT: 17.30

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

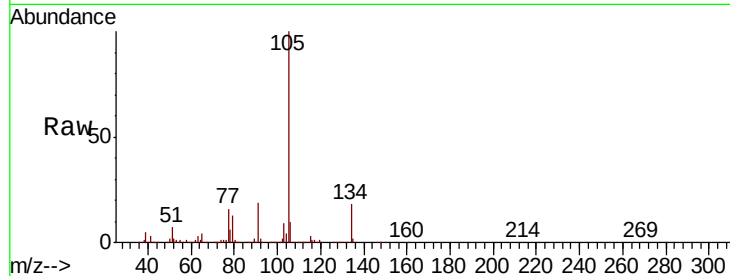
Acq: 7 Apr 2022 11:43

Tot Ion:105 Resp: 6754602

Ion Ratio Lower Upper

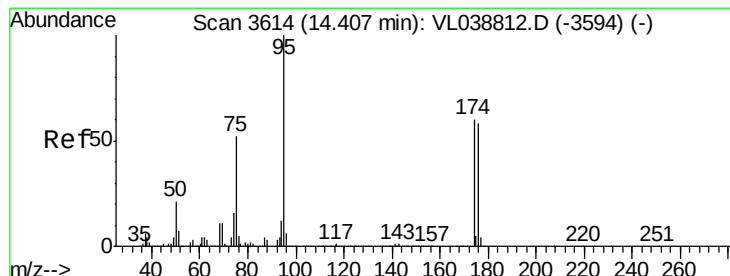
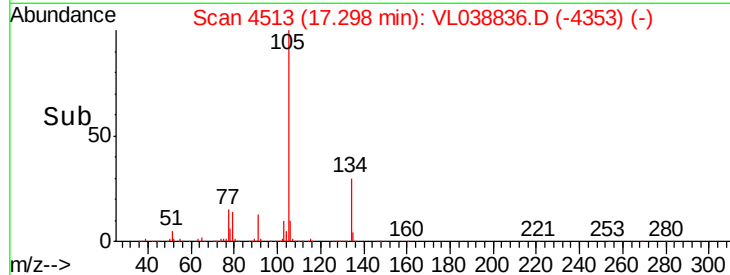
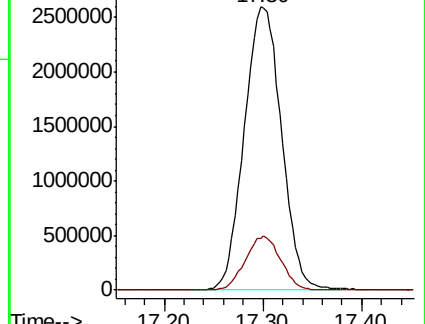
105 100

134 18.3 15.1 22.7



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: 4.683 ppbv

RT: 14.42 min Scan# 3618

Delta R.T. 0.01 min

Lab File: VL038836.D

Acq: 7 Apr 2022 11:43

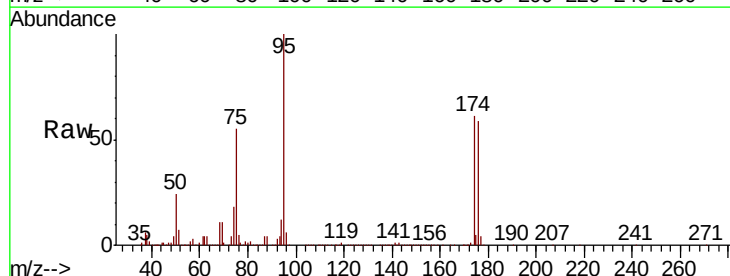
Tgt Ion: 95 Resp: 1477256

Ion Ratio Lower Upper

95 100

174 107.5 52.0 78.0#

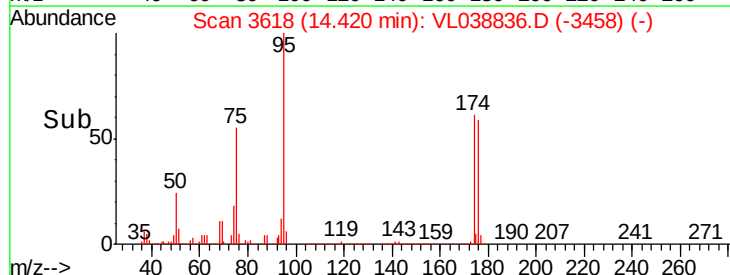
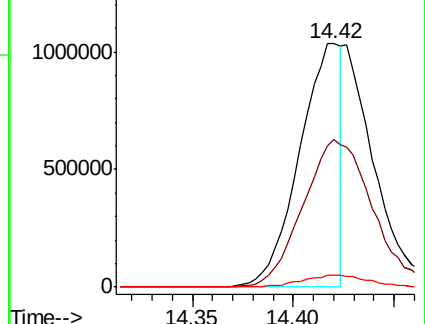
175 8.2 4.0 6.0#

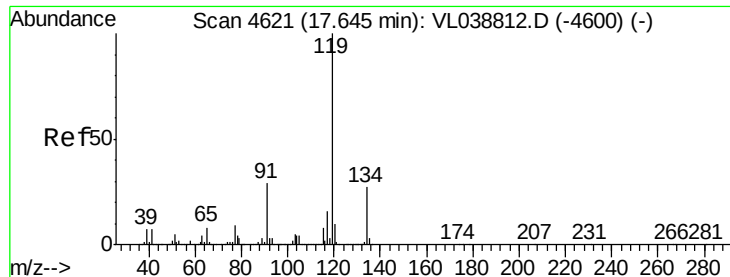


Abundance Ion 95.10 (94.80 to 95.80): VL0

Ion 174.00 (173.70 to 174.70): V

Ion 175.00 (174.70 to 175.70): V

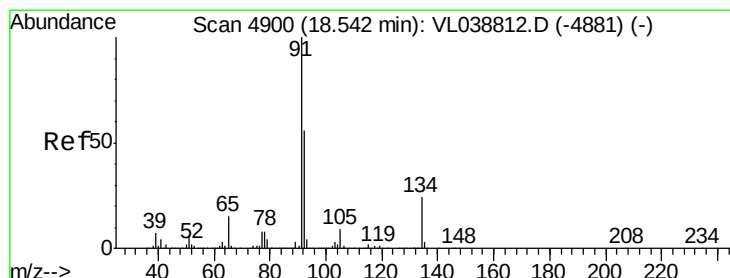
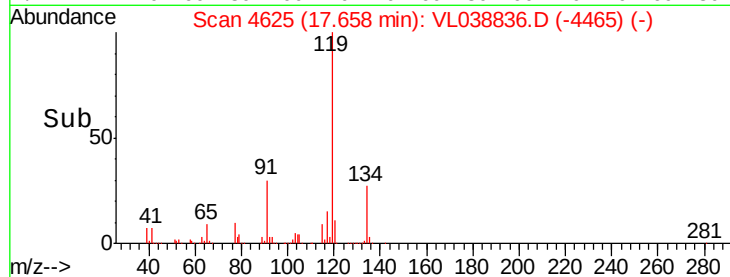
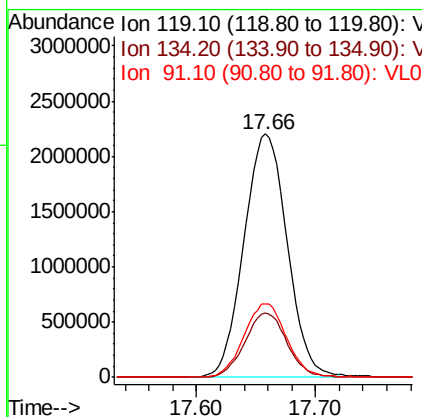
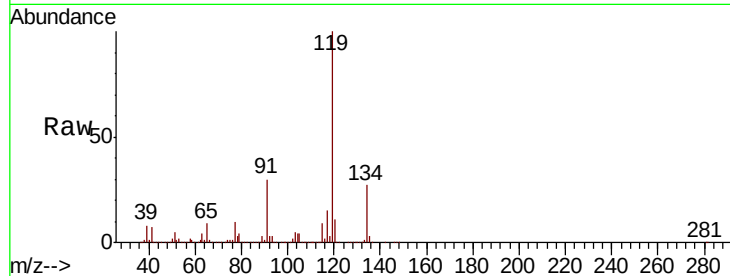




#69
 p-Isopropyltoluene
 Concen: 7.391 ppbv
 RT: 17.66 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId : VL0407ABS01
 Acq: 7 Apr 2022 11:43

Tot Ion: 119 Resp: 5540383

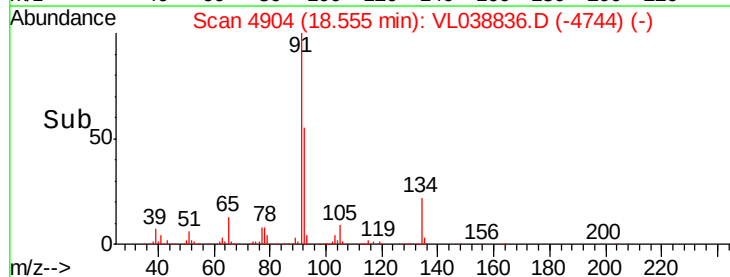
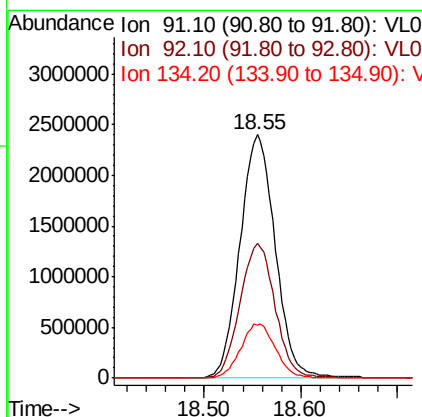
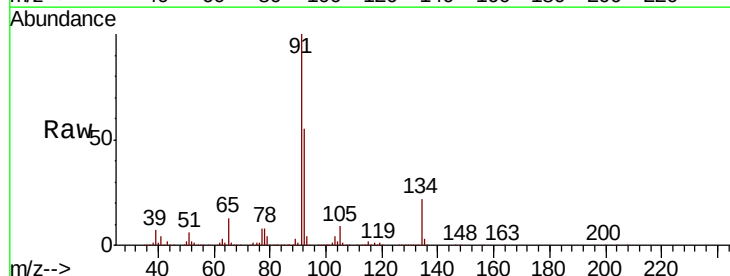
Ion	Ratio	Lower	Upper
119	100		
134	25.9	20.8	31.2
91	29.9	22.6	34.0

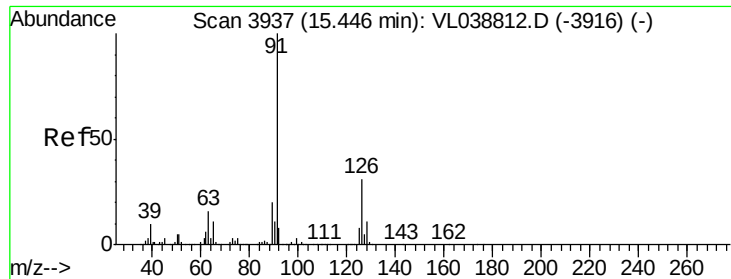


#70
 n-Butylbenzene
 Concen: 8.031 ppbv
 RT: 18.55 min Scan# 4904
 Delta R.T. 0.01 min
 Lab File: VL038836.D
 Acq: 7 Apr 2022 11:43

Tgt Ion: 91 Resp: 6064050

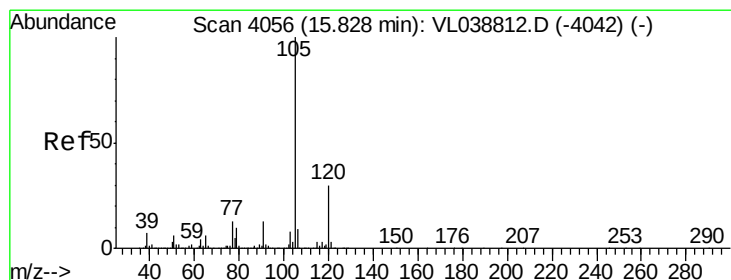
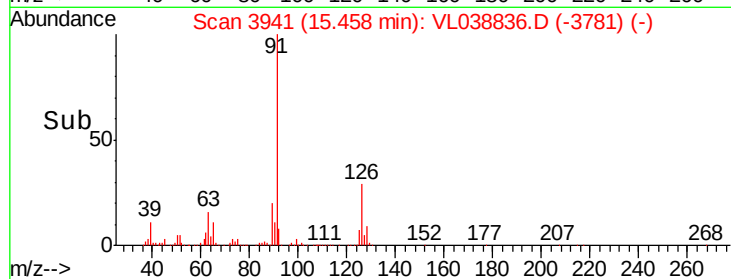
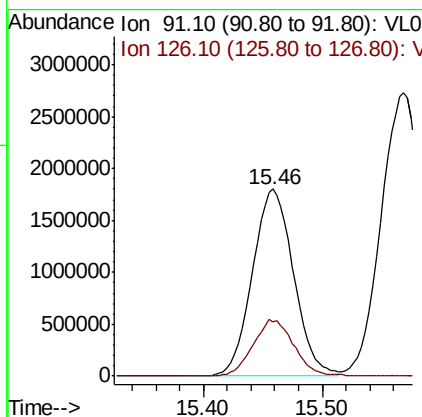
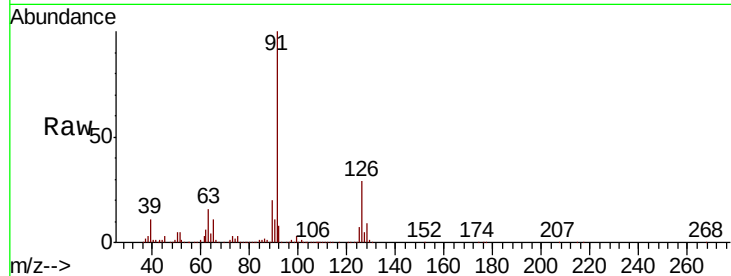
Ion	Ratio	Lower	Upper
91	100		
92	55.5	44.6	66.8
134	22.1	19.2	28.8





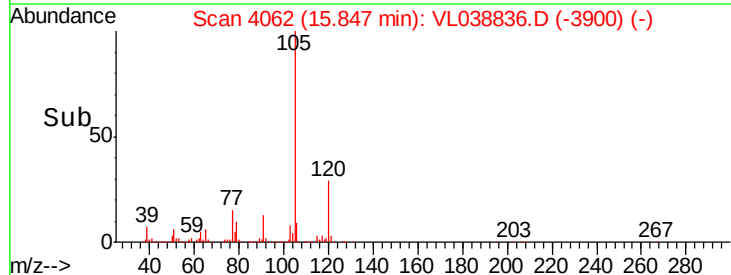
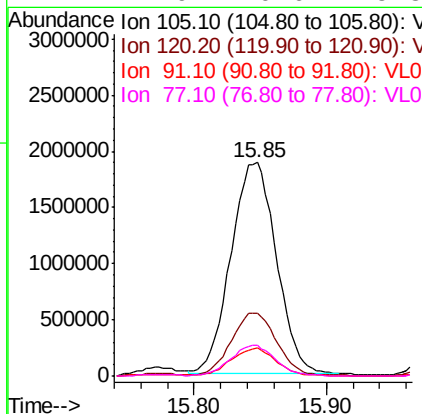
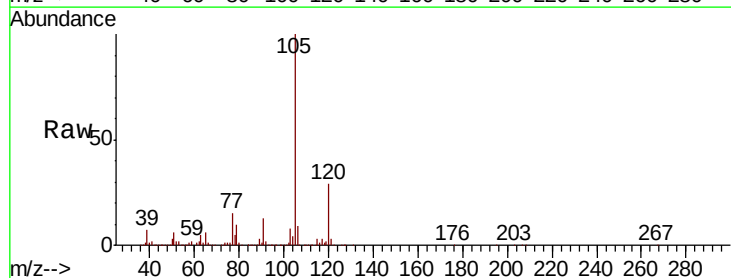
#71
 2-Chlorotoluene
 Concen: 7.828 ppbv
 RT: 15.46
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId:
 VL0407ABS01
 Acq: 7 Apr 2022 11:43

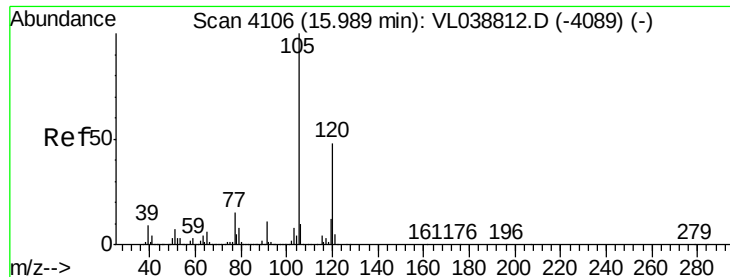
Tot Ion: 91 Resp: 4316110
 Ion Ratio Lower Upper
 91 100
 126 30.2 13.0 51.8



#72
 4-Ethyltoluene
 Concen: 7.639 ppbv
 RT: 15.85 min Scan# 4062
 Delta R.T. 0.02 min
 Lab File: VL038836.D
 Acq: 7 Apr 2022 11:43

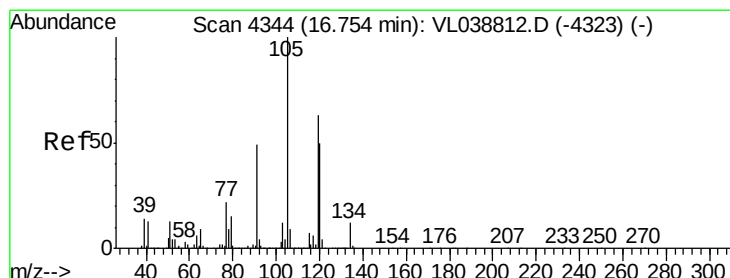
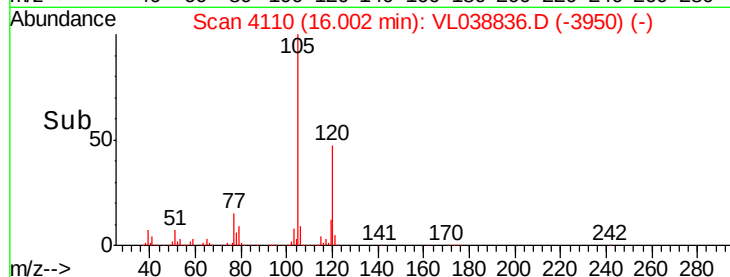
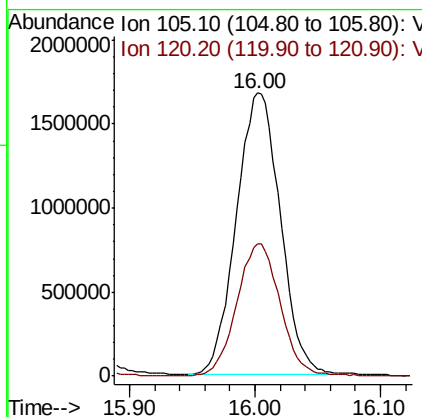
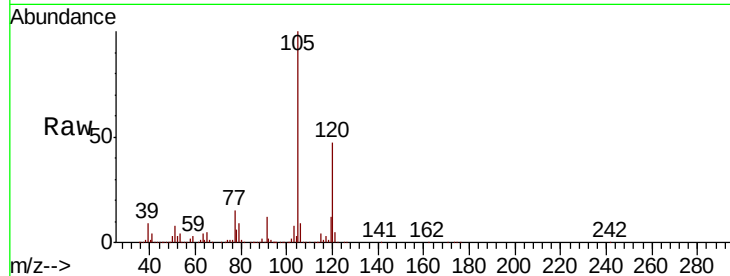
Tgt Ion:105 Resp: 4456385
 Ion Ratio Lower Upper
 105 100
 120 30.2 24.3 36.5
 91 13.0 9.4 14.2
 77 14.9 10.6 15.8





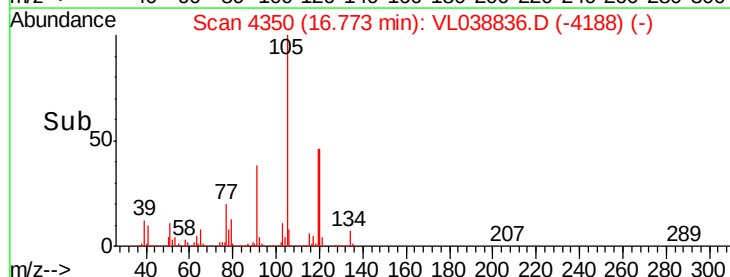
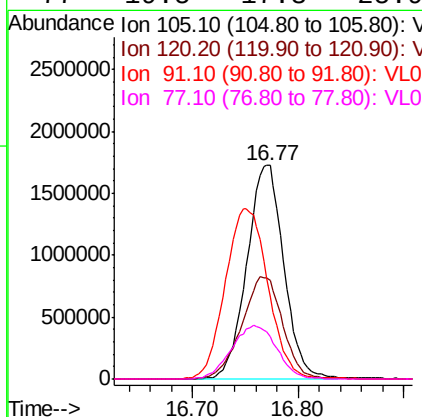
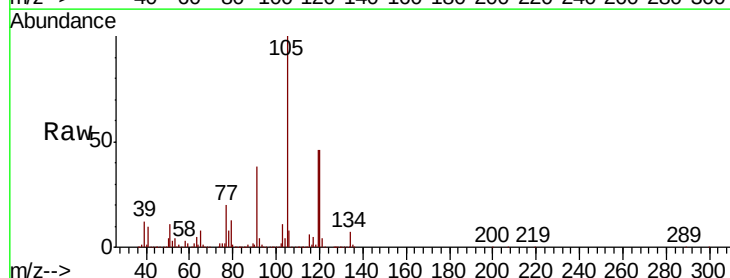
#73
 1,3,5-Trimethylbenzene
 Concen: 7.815 ppbv
 RT: 16.00 min
 Delta R.T. 0.02 min
 Lab File: VL0407ABS01
 Acq: 7 Apr 2022 11:43

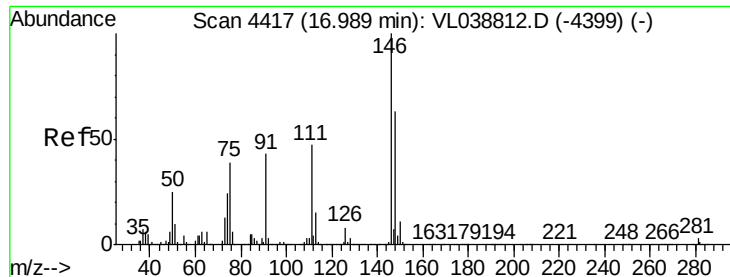
Tot Ion:105 Resp: 4095460
 Ion Ratio Lower Upper
 105 100
 120 46.8 38.7 58.1



#74
 1,2,4-Trimethylbenzene
 Concen: 7.597 ppbv
 RT: 16.77 min Scan# 4350
 Delta R.T. 0.02 min
 Lab File: VL038836.D
 Acq: 7 Apr 2022 11:43

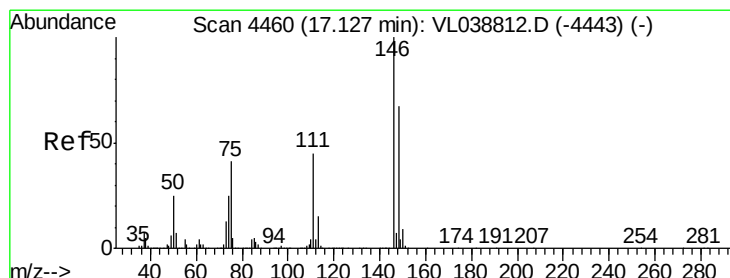
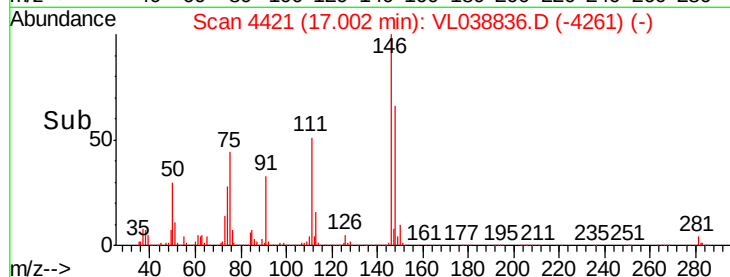
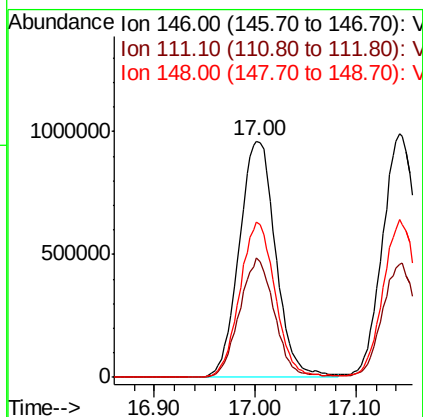
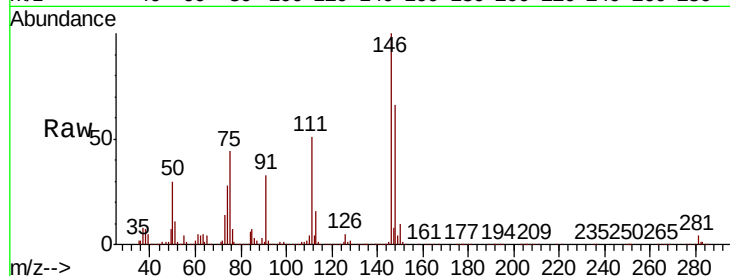
Tgt Ion:105 Resp: 4208517
 Ion Ratio Lower Upper
 105 100
 120 46.0 39.8 59.8
 91 38.0 39.4 59.0#
 77 19.5 17.3 25.9





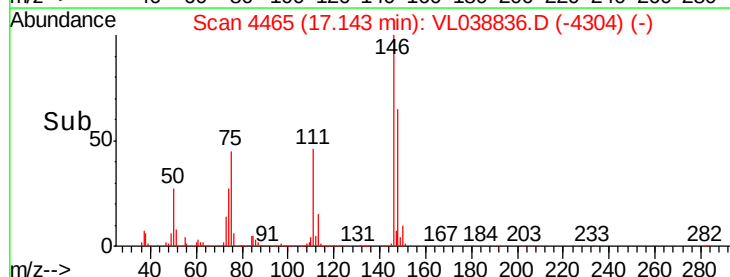
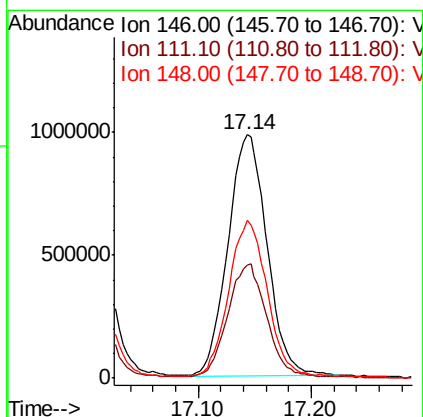
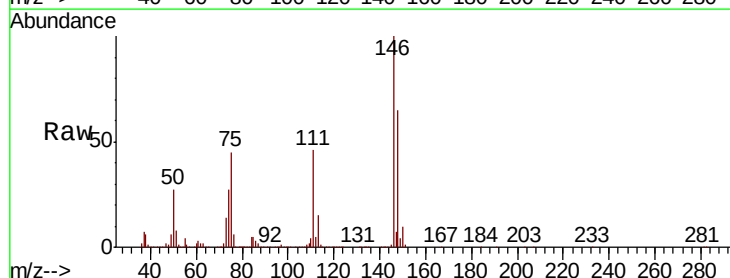
#75
 1,3-Dichlorobenzene
 Concen: 7.477 ppbv
 RT: 17.00 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId:
 VL0407ABS01
 Acq: 7 Apr 2022 11:43

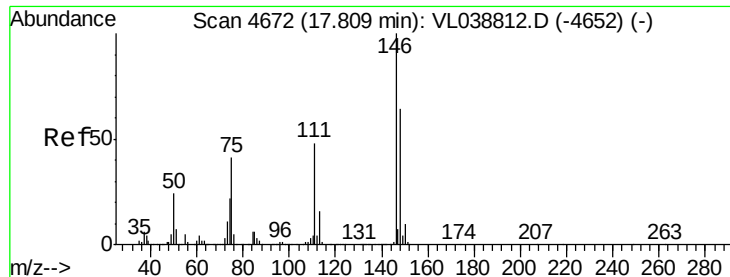
Tot Ion:146 Resp: 2404920
 Ion Ratio Lower Upper
 146 100
 111 48.3 23.8 71.2
 148 64.0 31.8 95.4



#76
 1,4-Dichlorobenzene
 Concen: 7.458 ppbv
 RT: 17.14 min Scan# 4465
 Delta R.T. 0.02 min
 Lab File: VL038836.D
 Acq: 7 Apr 2022 11:43

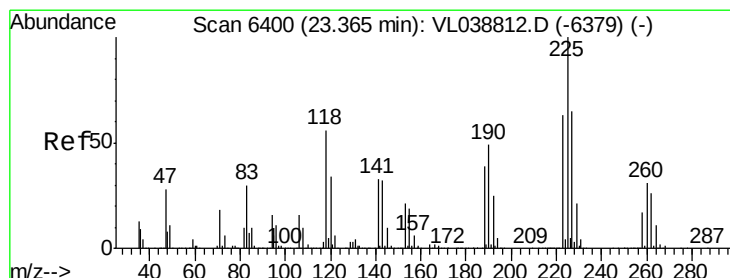
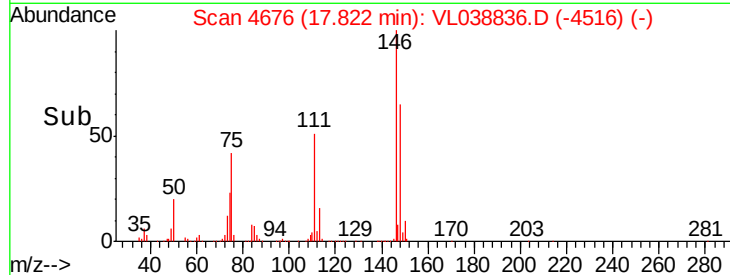
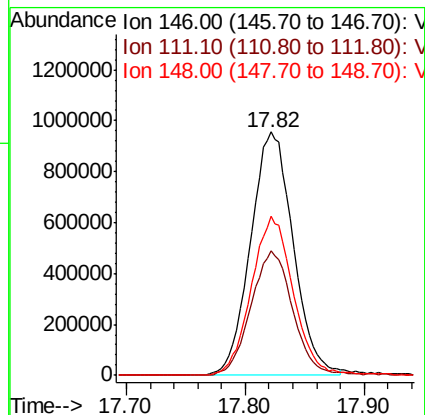
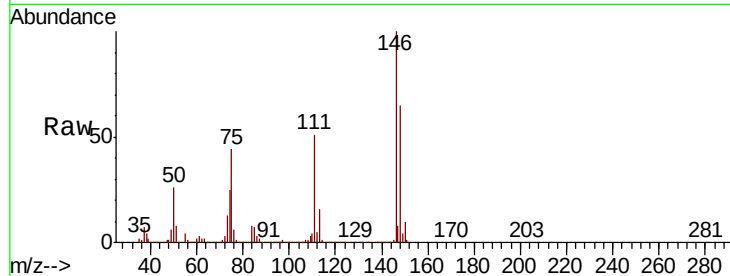
Tgt Ion:146 Resp: 2362898
 Ion Ratio Lower Upper
 146 100
 111 47.8 23.6 70.8
 148 65.9 33.6 100.6





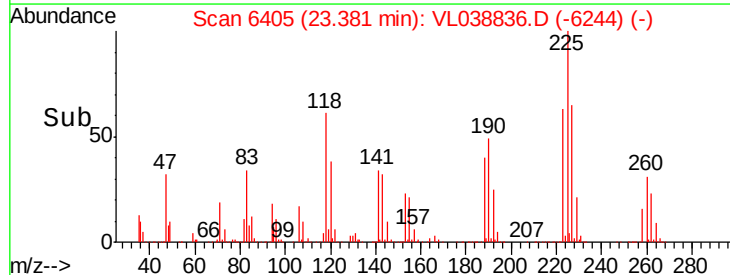
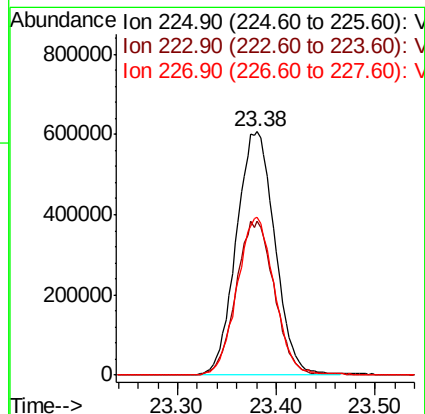
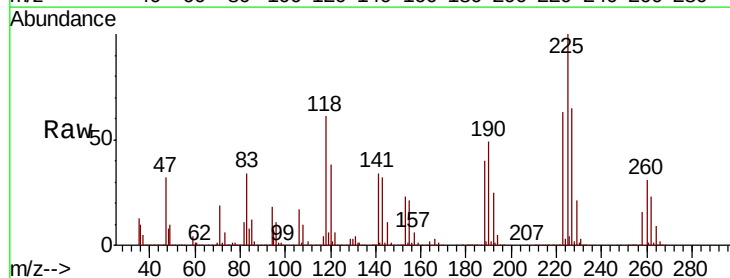
#77
 1,2-Dichlorobenzene
 Concen: 7.455 ppbv
 RT: 17.82 min
 Delta R.T. MSVOA_1
 Lab File: ClientSampleId : VL0407ABS01
 Acq: 7 Apr 2022 11:43

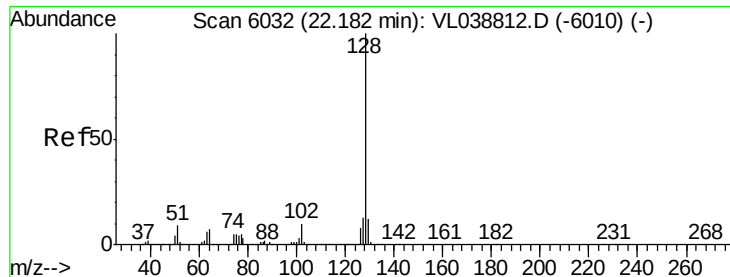
Tot Ion:146 Resp: 2363833
 Ion Ratio Lower Upper
 146 100
 111 50.9 24.8 74.3
 148 64.5 31.9 95.7



#78
 Hexachloro-1,3-Butadiene
 Concen: 6.568 ppbv
 RT: 23.38 min Scan# 6405
 Delta R.T. 0.02 min
 Lab File: VL038836.D
 Acq: 7 Apr 2022 11:43

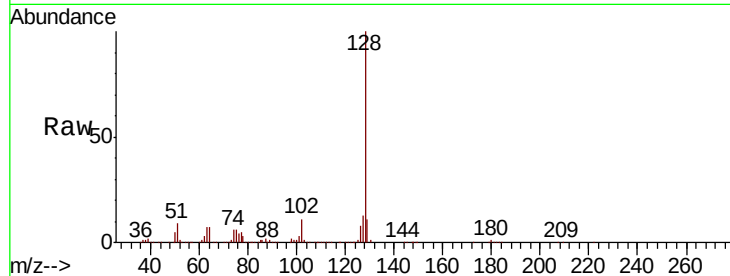
Tgt Ion:225 Resp: 1645348
 Ion Ratio Lower Upper
 225 100
 223 63.3 51.6 77.4
 227 63.5 52.3 78.5



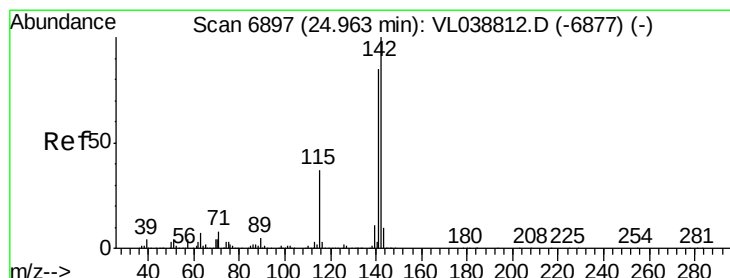
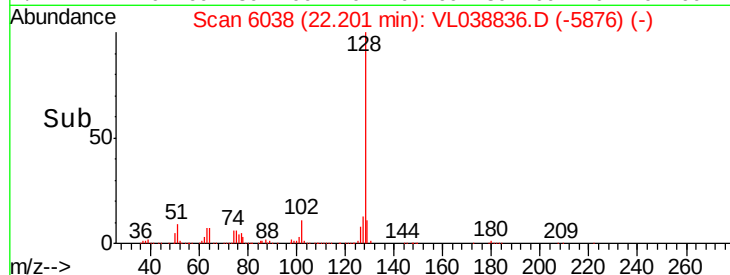
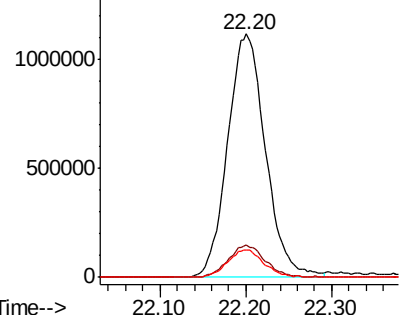


#79
Naphthalene
Concen: 8.255 ppbv
RT: 22.20
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
VL0407ABS01
Acq: 7 Apr 2022 11:43

Tot Ion:128 Resp: 3421023
Ion Ratio Lower Upper
128 100
127 13.2 10.6 15.8
129 11.1 9.4 14.0

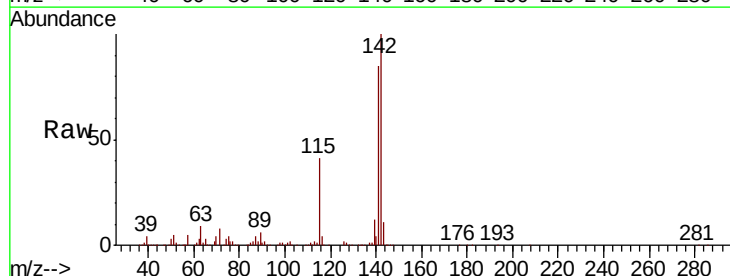


Abundance Ion 128.10 (127.80 to 128.80): V
1500000 Ion 127.10 (126.80 to 127.80): V
Ion 129.10 (128.80 to 129.80): V

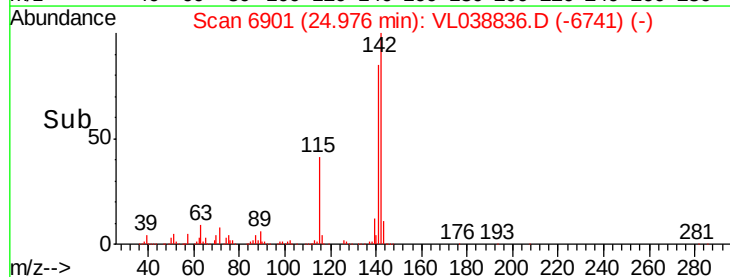
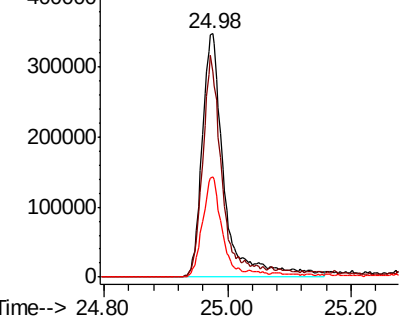


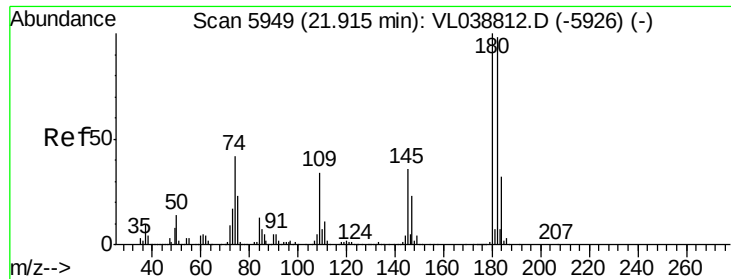
#80
Naphthalene, 2-methyl-
Concen: 8.482 ppbv
RT: 24.98 min Scan# 6901
Delta R.T. 0.01 min
Lab File: VL038836.D
Acq: 7 Apr 2022 11:43

Tgt Ion:142 Resp: 866154
Ion Ratio Lower Upper
142 100
141 84.9 68.8 103.2
115 40.4 31.6 47.4



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: 7.602 ppbv

RT: 21.93

Delta R.T: MSVOA_L

Lab File: ClientSampleId :

Acq: 7 Apr 2022 11:43

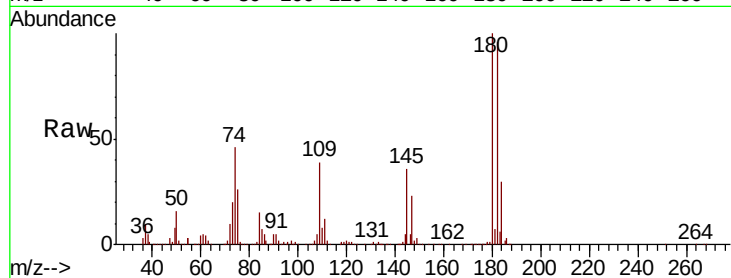
Tot Ion:180 Resp: 1843560

Ion Ratio Lower Upper

180 100

182 99.4 79.4 119.0

184 31.7 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

