

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL041222\
 Data File : VL038892.D
 Acq On : 12 Apr 2022 15:08
 Operator : SY/AP
 Sample : VL0412ABS01
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA L
 ClientSampleId :
 VL0412ABS01

Quant Time: Apr 13 01:16:07 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	5.66	49	1124730	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	3066296	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.08	117	3560151	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.41	95	2226510	8.24	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	82.40%

Target Compounds

	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.05	85	1683903	10.555	ppbv	100
3) Chlorodifluoromethane	2.99	51	1396653	10.175	ppbv	98
4) Chloromethane	3.14	50	695275	9.782	ppbv	93
5) Vinyl Chloride	3.26	62	660738	10.061	ppbv	98
6) Bromomethane	3.47	94	308426	9.707	ppbv	99
7) Chloroethane	3.56	64	218089	9.958	ppbv	98
8) Dichlorotetrafluoroethane	3.19	85	1564672	10.499	ppbv	95
9) Propene	3.01	41	676245	9.312	ppbv	97
10) Heptane	8.12	43	1744474	9.536	ppbv	98
11) Trichlorofluoromethane	3.95	101	1401412	10.932	ppbv	95
12) 1,1,2-Trichlorotrifluoroet	4.48	101	1042189	10.613	ppbv	96
13) Ethanol	3.61	45	22974	5.205	ppbv #	100
14) Bromoethene	3.74	108	452623	10.481	ppbv	95
15) Acetone	3.85	43	1055145	9.423	ppbv	100
16) 1,3-Butadiene	3.33	39	625637	9.773	ppbv	99
17) tert-Butyl alcohol	4.28	59	850223	8.467	ppbv	99
18) 1,1-Dichloroethene	4.29	96	444499	9.930	ppbv	97
19) Isopropyl Alcohol	3.96	45	569084	9.944	ppbv #	100
20) Methylene Chloride	4.34	84	387538	9.543	ppbv	93
21) Allyl Chloride	4.41	41	806076	9.614	ppbv	98
22) trans-1,2-Dichloroethene	4.88	96	503130	11.101	ppbv	98
23) Vinyl Acetate	5.07	43	1083721	9.938	ppbv	99
24) 1,1-Dichloroethane	5.01	63	997554	10.123	ppbv	99
25) Ethyl Acetate	5.67	43	2880034	10.136	ppbv	99
26) Hexane	5.69	57	1244199	9.621	ppbv	99
27) Carbon Disulfide	4.55	76	1240956	10.463	ppbv	100
28) Methyl tert-Butyl Ether	5.03	73	950751	9.518	ppbv	98
29) Chloroform	5.75	83	1919969	10.611	ppbv	99
30) Cyclohexane	7.13	84	1074397	9.426	ppbv	99
31) cis-1,2-Dichloroethene	5.55	61	1249830	10.510	ppbv	99
32) 1,1,1-Trichloroethane	6.51	97	1898516	10.414	ppbv	99
34) 2-Butanone	5.24	43	1209820	9.985	ppbv	99
35) Carbon Tetrachloride	7.01	117	1935829	10.531	ppbv	99
36) Benzene	6.89	78	2699999	9.679	ppbv	99
37) 1,2-Dichloroethane	6.30	62	1470317	11.529	ppbv	97
38) Trichloroethene	7.83	130	1074055	9.384	ppbv	97
39) 1,2-Dichloropropane	7.61	63	1054859	9.887	ppbv	96
40) 1,4-Dioxane	7.83	88	365209	10.080	ppbv #	4
41) Tetrahydrofuran	6.04	42	1135934	9.871	ppbv	99
42) Bromodichloromethane	7.79	83	2182460	10.837	ppbv	99
43) Methyl Methacrylate	8.01	69	1125833	10.538	ppbv	99

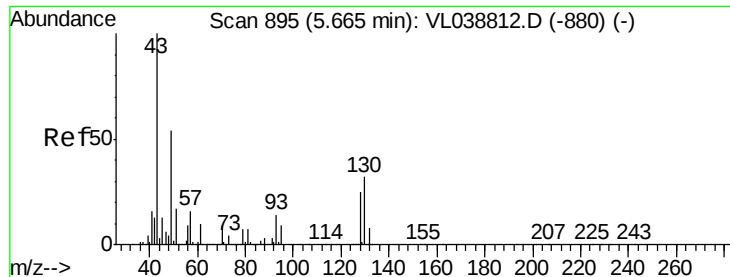
Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL041222\
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Quant Time: Apr 13 01:16:07 2022
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 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Apr 06 06:12:53 2022
 QLast Update : Wed Apr 06 06:12:53 2022
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,2,4-Trimethylpentane	7.87	57	4456199	9.436	ppbv	99
45) t-1,3-Dichloropropene	9.28	75	1229232	11.004	ppbv	99
46) cis-1,3-Dichloropropene	8.70	75	1519773	10.318	ppbv	95
47) 1,1,2-Trichloroethane	9.47	97	1089538	9.966	ppbv	98
48) Dibromochloromethane	10.30	129	1785381	10.420	ppbv	99
49) Bromoform	13.04	173	1435765	10.579	ppbv	99
50) 4-Methyl-2-Pentanone	8.73	43	2796515	10.261	ppbv	99
51) 2-Hexanone	10.13	43	2212483	10.774	ppbv #	99
52) Tetrachloroethene	11.22	164	882185	9.054	ppbv	95
53) Toluene	9.80	91	3117951	9.683	ppbv	99
54) 1,2-Dibromoethane	10.61	107	1578799	10.396	ppbv	99
56) 1,1,1,2-Tetrachloroethane	12.12	131	1240692	7.952	ppbv	98
57) Chlorobenzene	12.14	112	2180129	7.477	ppbv	98
58) Ethyl Benzene	12.71	91	4167093	7.833	ppbv	95
59) m/p-Xylene	12.99	91	4028745	9.014	ppbv #	57
60) o-Xylene	13.69	91	3272529	7.825	ppbv	95
61) Styrene	13.52	104	2029340	7.965	ppbv	98
62) Isopropylbenzene	14.66	105	4733542	7.541	ppbv	96
63) 1,1,2,2-Tetrachloroethane	13.67	83	2034984	7.683	ppbv	99
64) n-propylbenzene	15.56	120	1211256	7.431	ppbv	84
65) tert-Butylbenzene	16.73	119	3998176	7.179	ppbv	95
66) Benzyl Chloride	16.98	91	773831	6.825	ppbv	94
67) sec-Butylbenzene	17.29	105	5869991	7.511	ppbv	98
69) p-Isopropyltoluene	17.65	119	4786777	7.460	ppbv	98
70) n-Butylbenzene	18.54	91	5232608	8.094	ppbv	98
71) 2-Chlorotoluene	15.45	91	3699882	7.838	ppbv	96
72) 4-Ethyltoluene	15.83	105	3933640	7.877	ppbv	98
73) 1,3,5-Trimethylbenzene	15.99	105	3502488	7.807	ppbv	93
74) 1,2,4-Trimethylbenzene	16.76	105	3642596	7.681	ppbv	98
75) 1,3-Dichlorobenzene	16.99	146	2056135	7.467	ppbv	98
76) 1,4-Dichlorobenzene	17.13	146	2019176	7.444	ppbv	99
77) 1,2-Dichlorobenzene	17.81	146	2048947	7.549	ppbv	99
78) Hexachloro-1,3-Butadiene	23.37	225	1451087	6.766	ppbv	99
79) Naphthalene	22.18	128	3043762	8.580	ppbv	99
80) Naphthalene, 2-methyl-	24.97	142	820264	9.383	ppbv	97
81) 1,2,4-Trichlorobenzene	21.91	180	1649281	7.944	ppbv	98

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



#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.66 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: VL0412ABS01

Acq: 12 Apr 2022 15:08

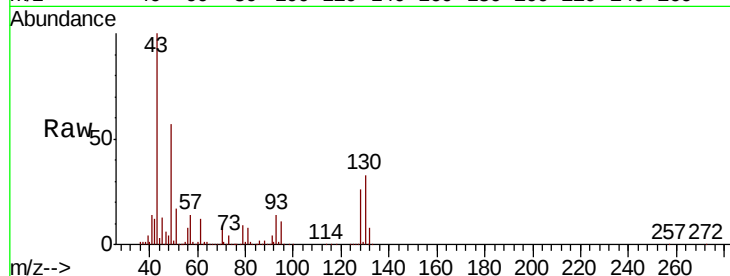
Tot Ion: 49 Resp: 1124730

Ion Ratio Lower Upper

49 100

128 47.7 24.1 72.3

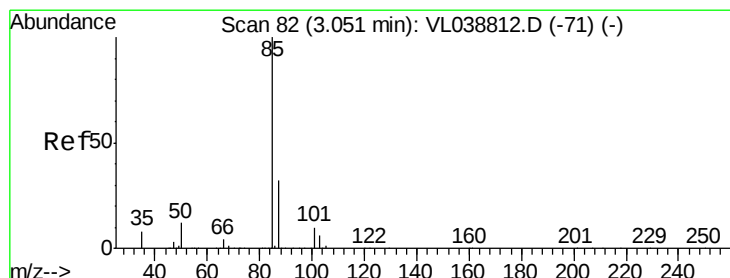
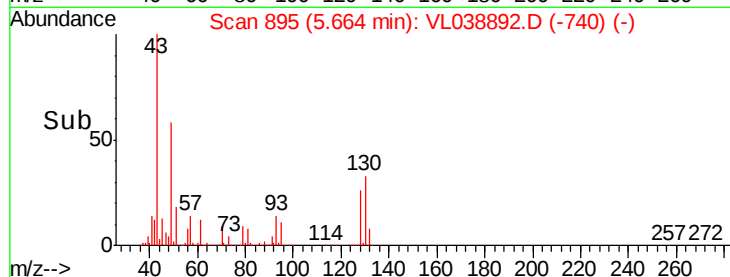
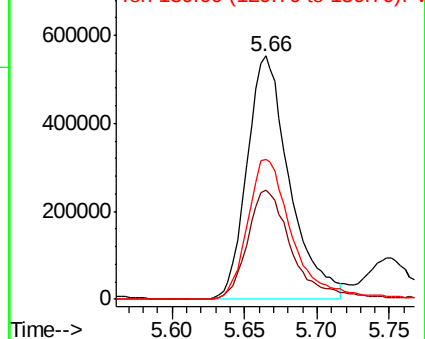
130 62.0 30.9 92.8



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: 10.555 ppbv

RT: 3.05 min Scan# 82

Delta R.T. -0.00 min

Lab File: VL038892.D

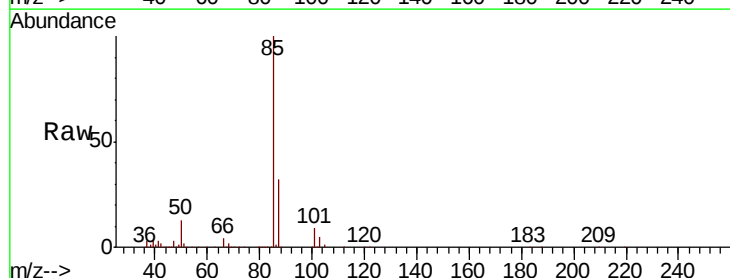
Acq: 12 Apr 2022 15:08

Tgt Ion: 85 Resp: 1683903

Ion Ratio Lower Upper

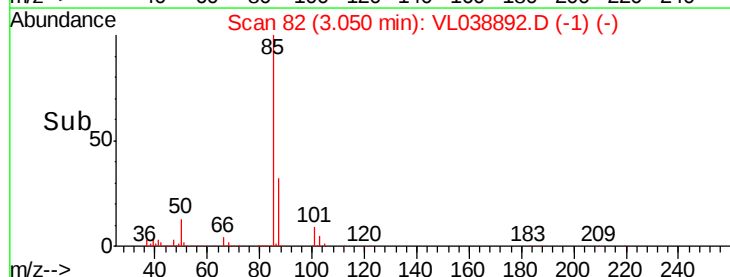
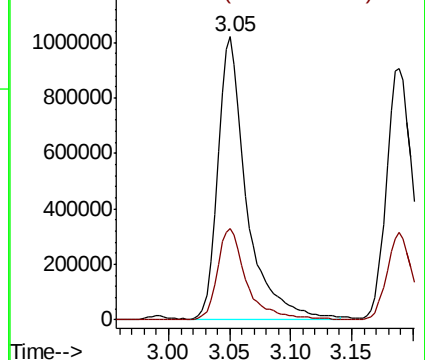
85 100

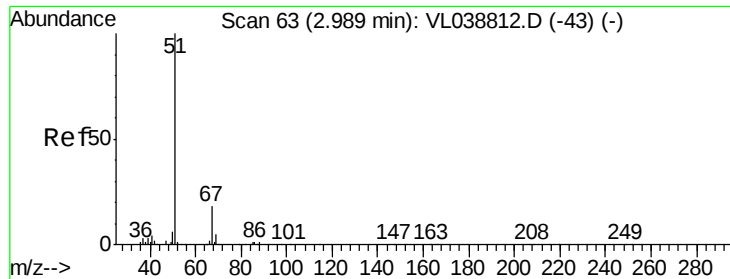
87 32.4 25.9 38.9



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0





#3

Chlorodifluoromethane

Concen: 10.175 ppbv

RT: 2.99 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

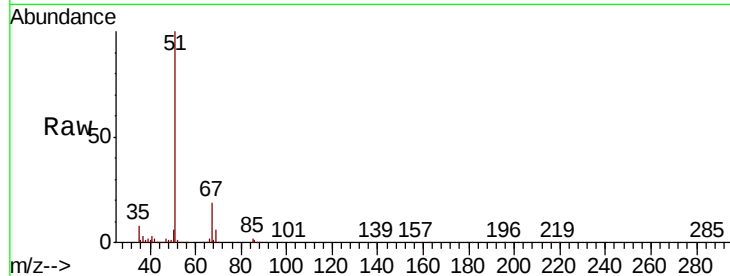
Acq: 12 Apr 2022 15:08

Tot Ion: 51 Resp: 1396653

Ion Ratio Lower Upper

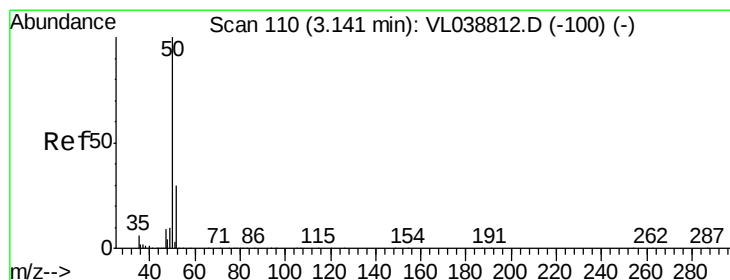
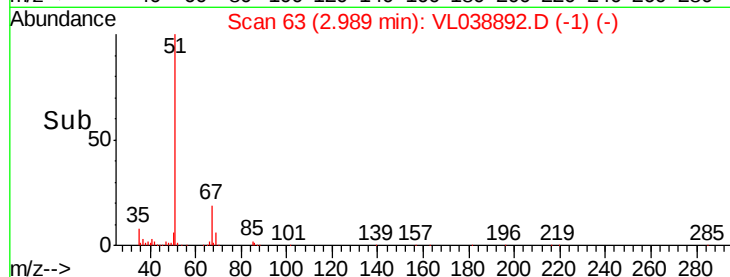
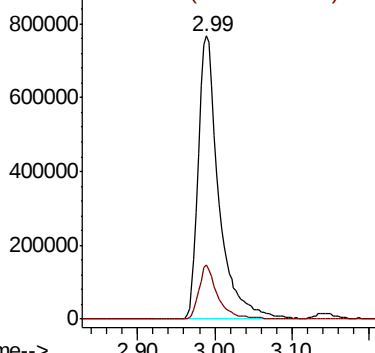
51 100

67 17.7 13.4 20.0



Abundance Ion 51.00 (50.70 to 51.70): VL0

Ion 67.00 (66.70 to 67.70): VL0



#4

Chloromethane

Concen: 9.782 ppbv

RT: 3.14 min Scan# 110

Delta R.T. -0.00 min

Lab File: VL038892.D

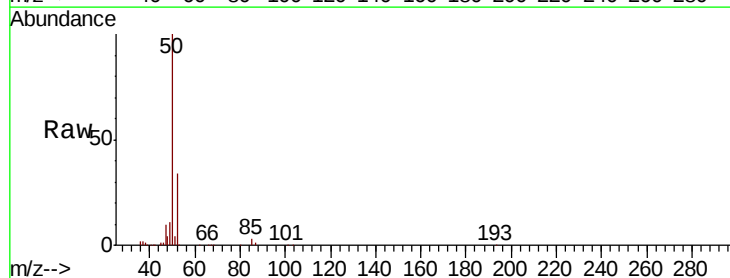
Acq: 12 Apr 2022 15:08

Tgt Ion: 50 Resp: 695275

Ion Ratio Lower Upper

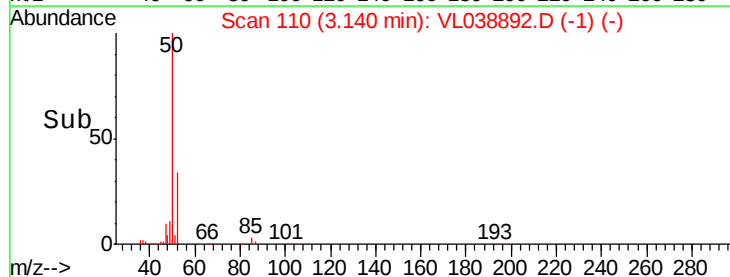
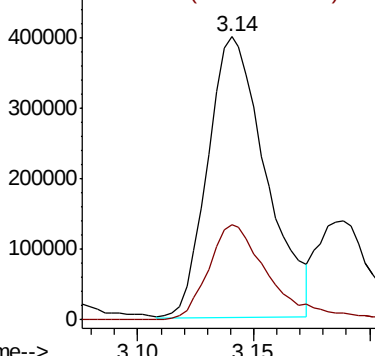
50 100

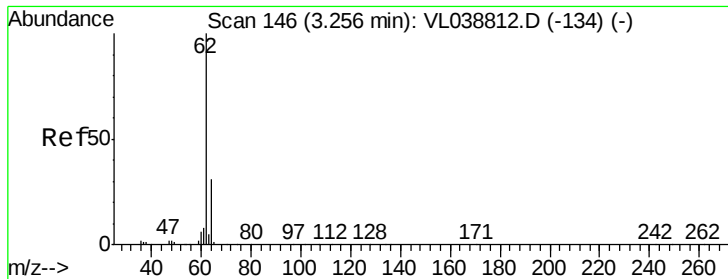
52 34.1 24.3 36.5



Abundance Ion 50.10 (49.80 to 50.80): VL0

Ion 52.10 (51.80 to 52.80): VL0





#5

Vinyl Chloride

Concen: 10.061 ppbv

RT: 3.26 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

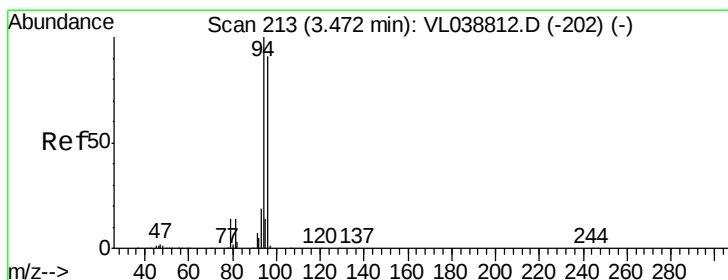
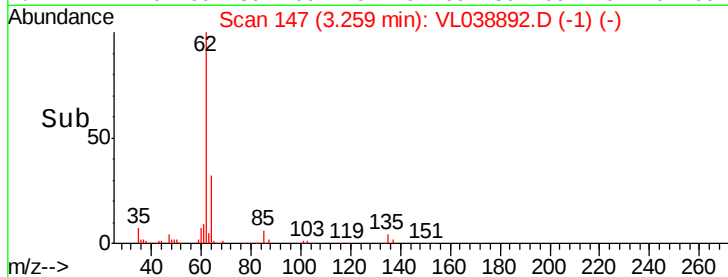
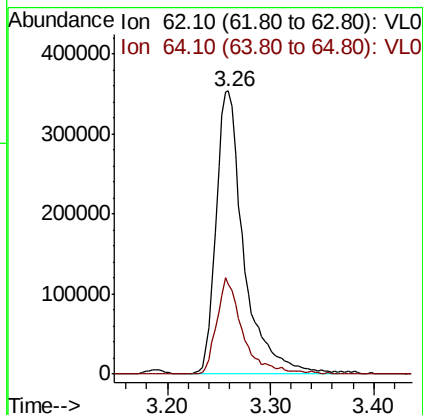
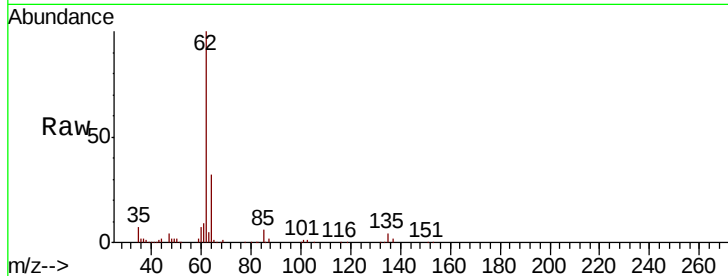
Acq: 12 Apr 2022 15:08

Tot Ion: 62 Resp: 660738

Ion Ratio Lower Upper

62 100

64 32.1 24.6 37.0



#6

Bromomethane

Concen: 9.707 ppbv

RT: 3.47 min Scan# 213

Delta R.T. -0.00 min

Lab File: VL038892.D

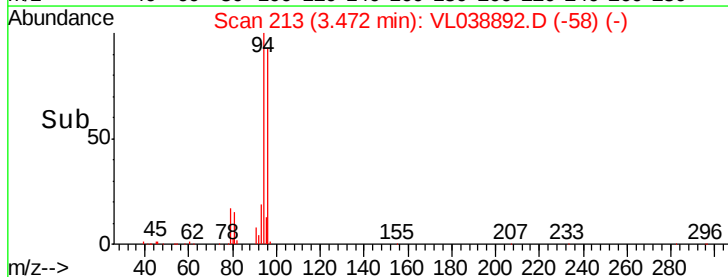
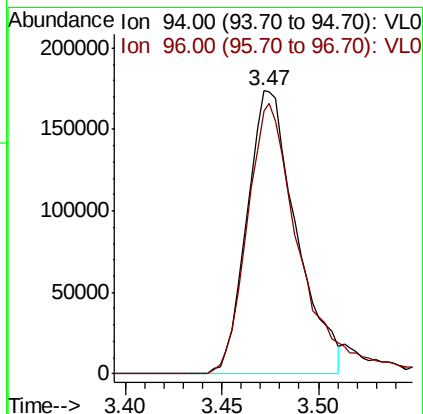
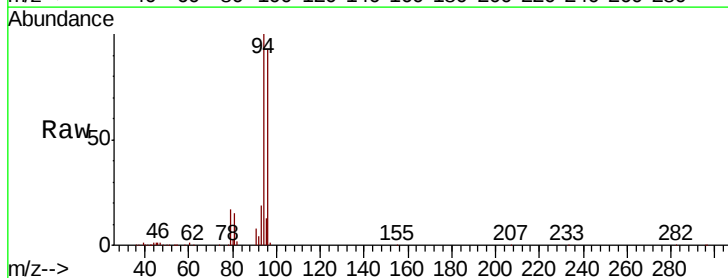
Acq: 12 Apr 2022 15:08

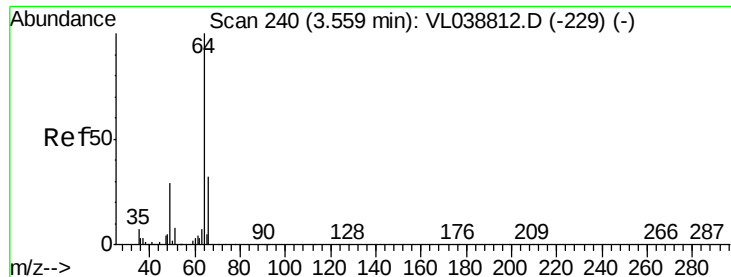
Tgt Ion: 94 Resp: 308426

Ion Ratio Lower Upper

94 100

96 92.8 73.2 109.8





#7

Chloroethane

Concen: 9.958 ppbv

RT: 3.56 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

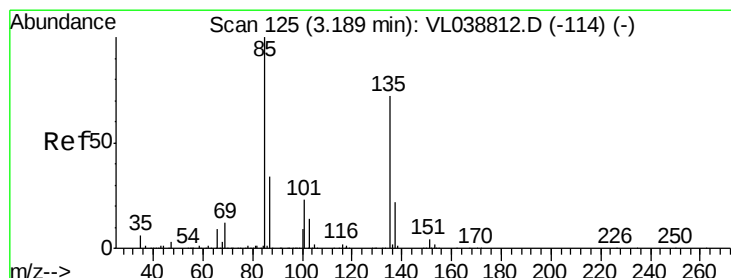
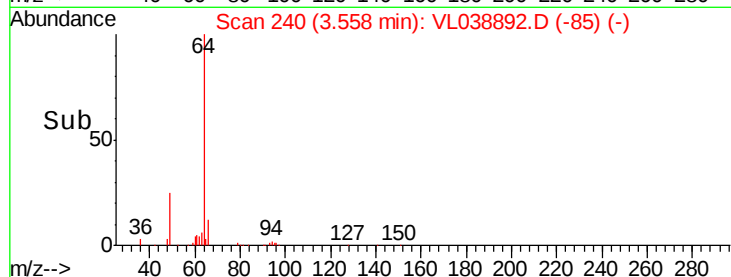
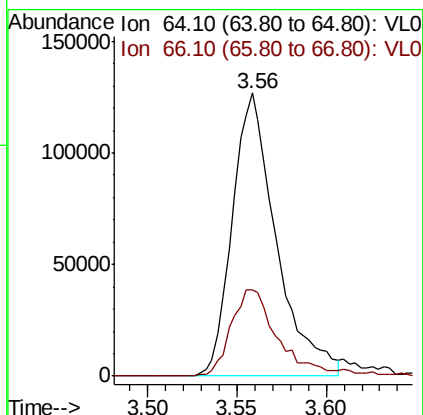
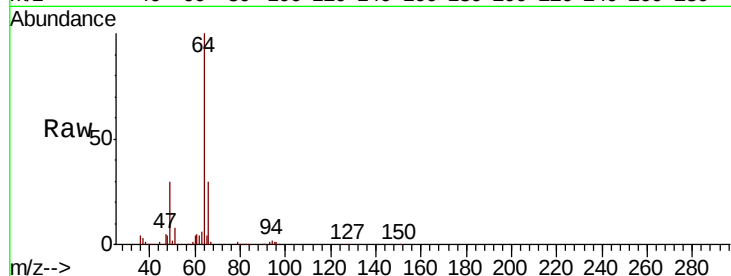
Acq: 12 Apr 2022 15:08 VL0412ABS01

Tot Ion: 64 Resp: 218089

Ion Ratio Lower Upper

64 100

66 30.5 25.4 38.2



#8

Dichlorotetrafluoroethane

Concen: 10.499 ppbv

RT: 3.19 min Scan# 125

Delta R.T. -0.00 min

Lab File: VL038892.D

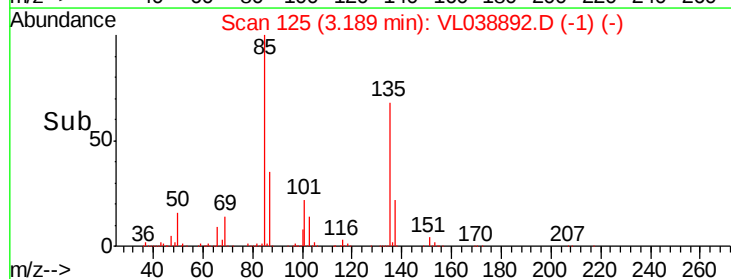
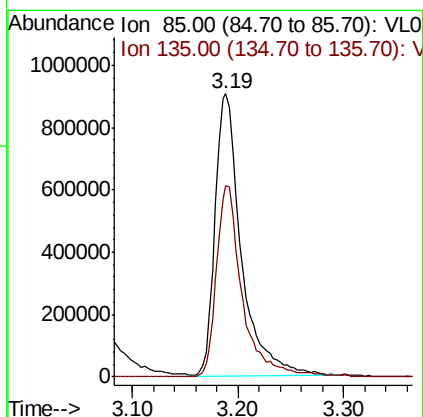
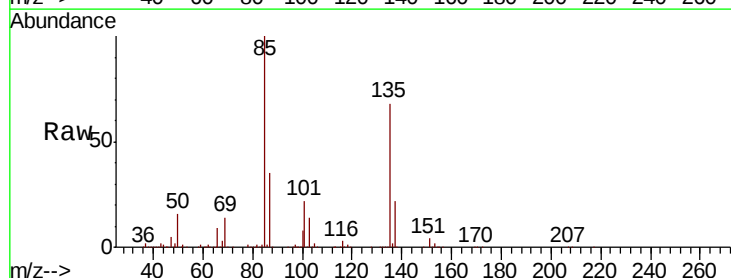
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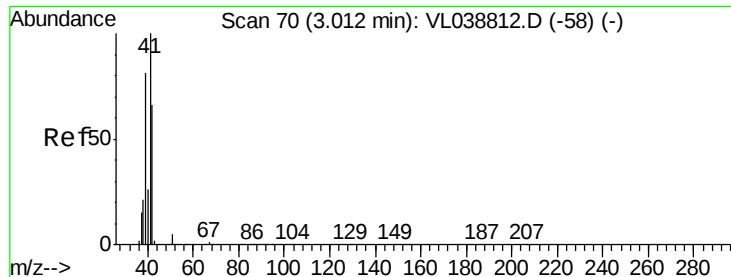
Tgt Ion: 85 Resp: 1564672

Ion Ratio Lower Upper

85 100

135 67.3 57.0 85.6





#9

Propene

Concen: 9.312 ppbv

RT: 3.01 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

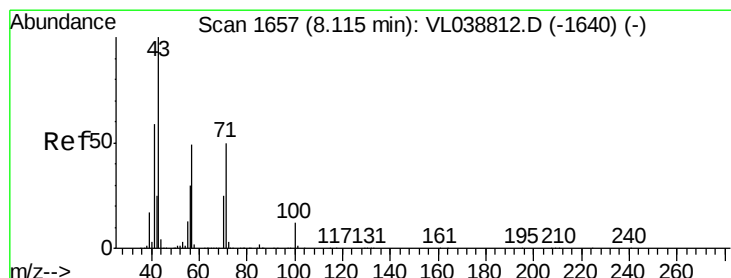
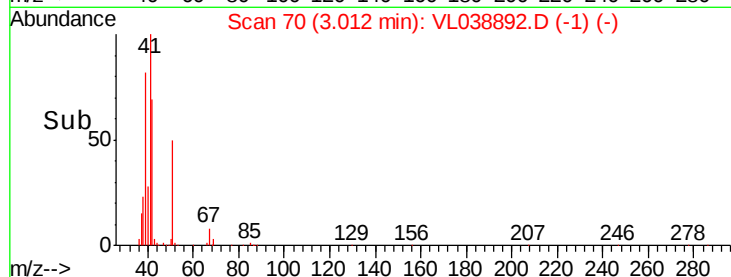
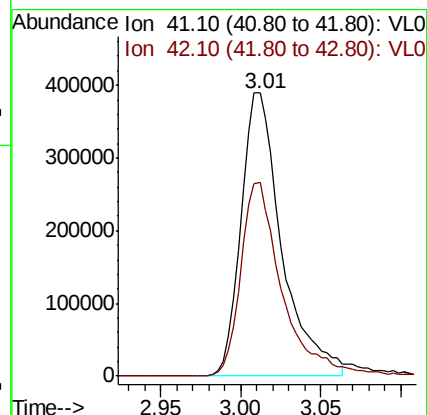
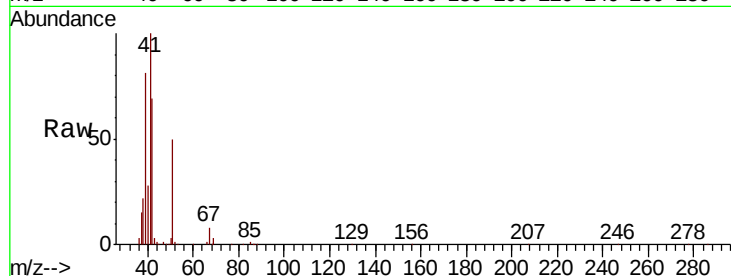
Acq: 12 Apr 2022 15:08 VL0412ABS01

Tot Ion: 41 Resp: 676245

Ion Ratio Lower Upper

41 100

42 70.0 54.2 81.4



#10

Heptane

Concen: 9.536 ppbv

RT: 8.12 min Scan# 1658

Delta R.T. 0.00 min

Lab File: VL038892.D

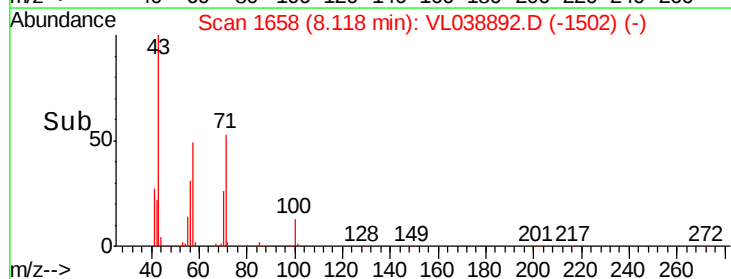
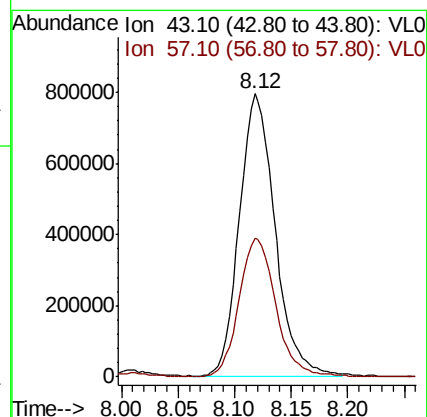
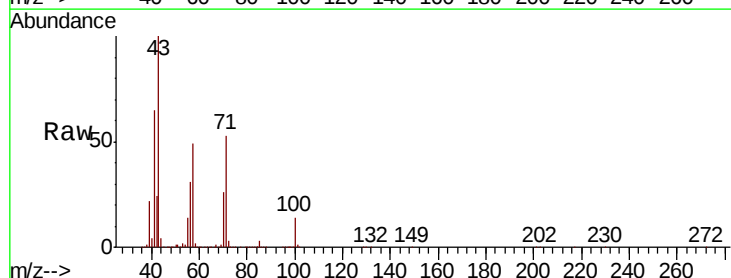
Acq: 12 Apr 2022 15:08

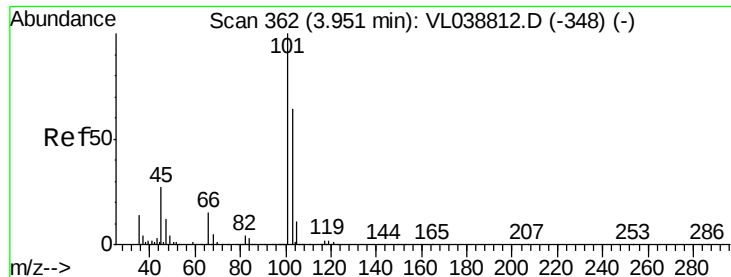
Tgt Ion: 43 Resp: 1744474

Ion Ratio Lower Upper

43 100

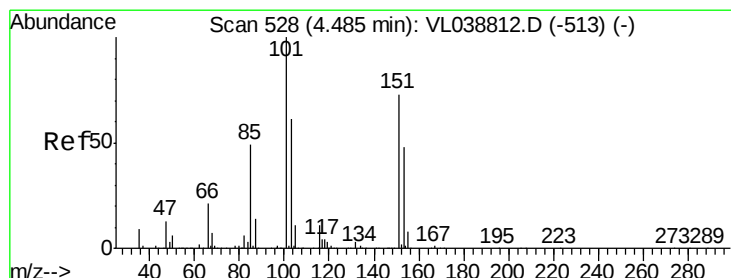
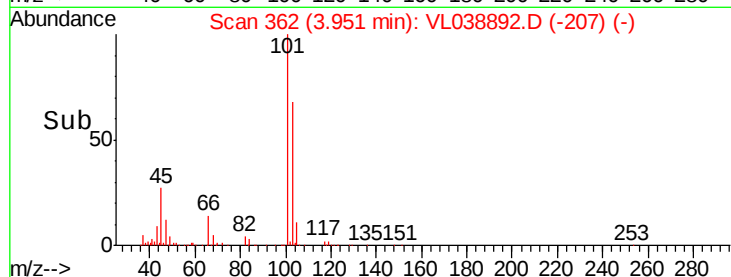
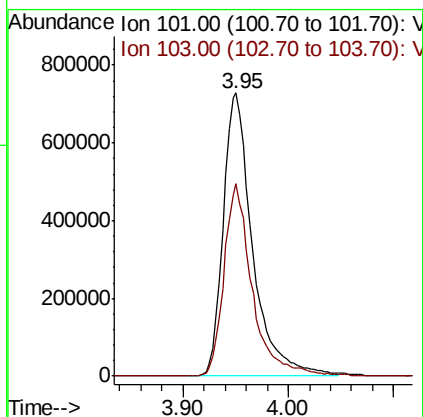
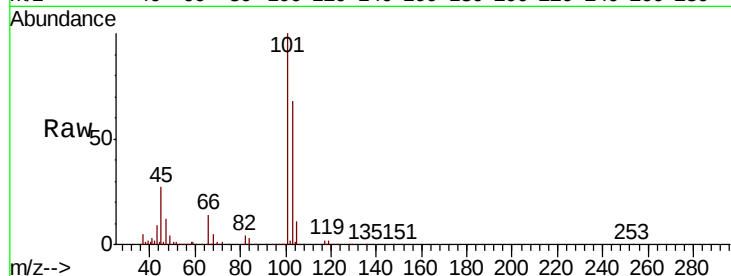
57 50.4 39.3 58.9





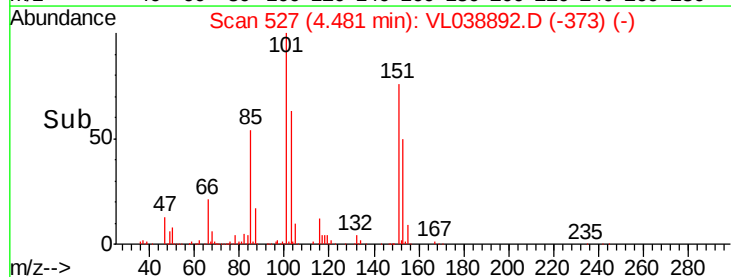
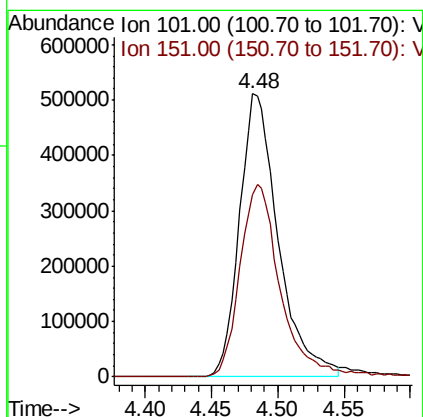
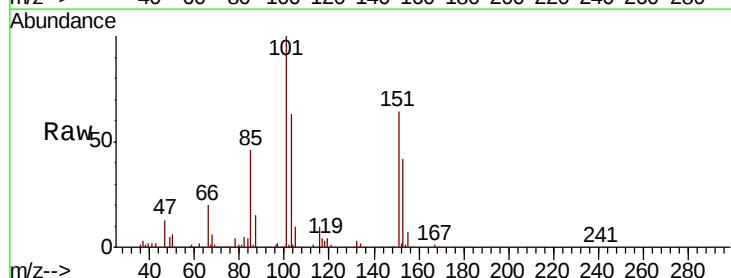
#11
 Trichlorofluoromethane
 Concen: 10.932 ppbv
 RT: 3.95
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId : VL0412ABS01
 Acq: 12 Apr 2022 15:08

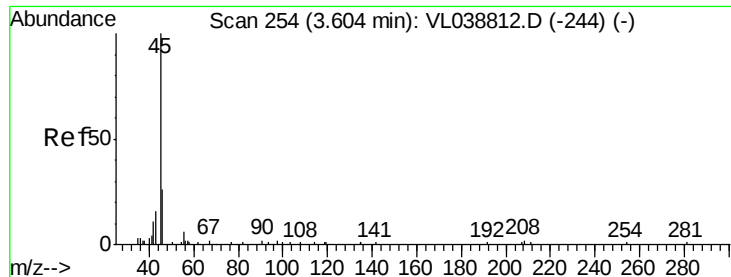
Tot Ion:101 Resp: 1401412
 Ion Ratio Lower Upper
 101 100
 103 67.7 51.4 77.0



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 10.613 ppbv
 RT: 4.48 min Scan# 527
 Delta R.T.: -0.00 min
 Lab File: VL038892.D
 Acq: 12 Apr 2022 15:08

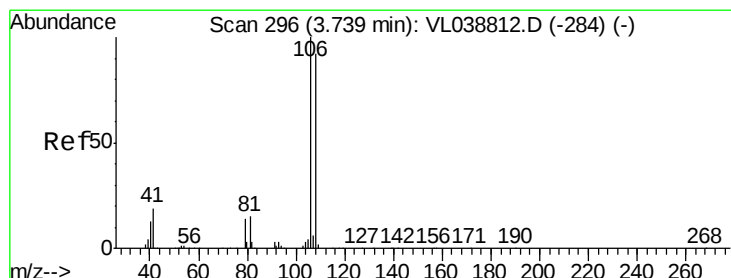
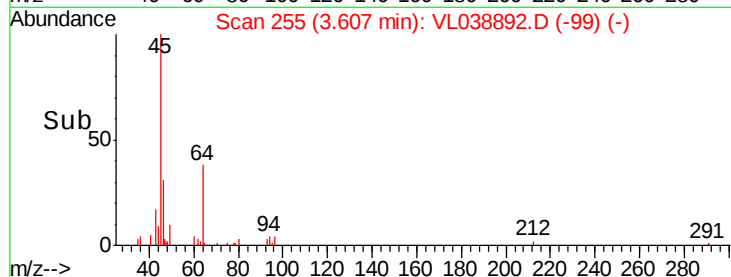
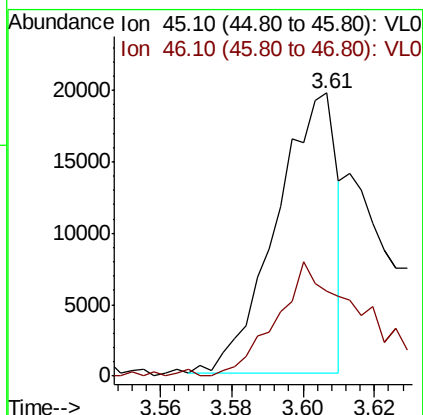
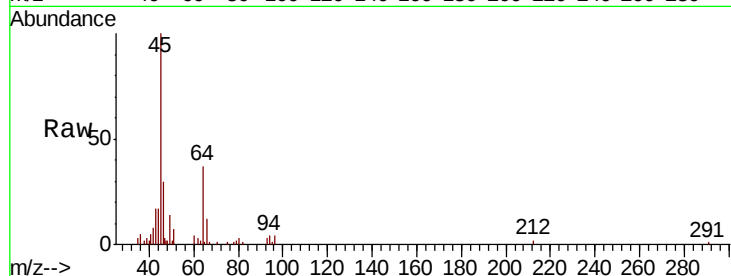
Tgt Ion:101 Resp: 1042189
 Ion Ratio Lower Upper
 101 100
 151 71.3 59.9 89.9





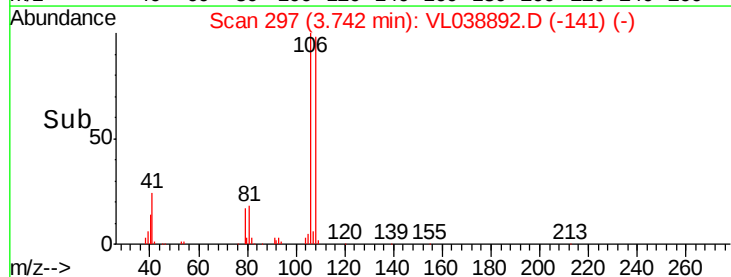
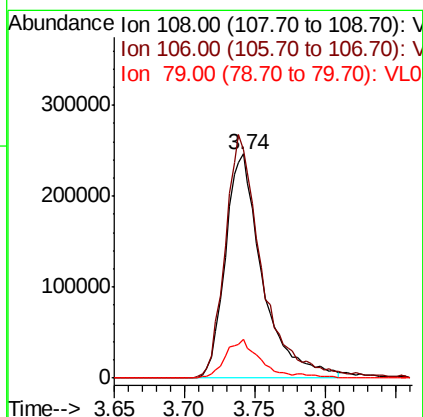
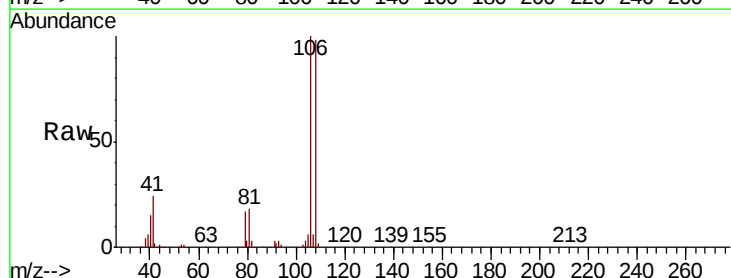
#13
Ethanol
Concen: 5.205 ppbv
RT: 3.61
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
VL0412ABS01
Acq: 12 Apr 2022 15:08

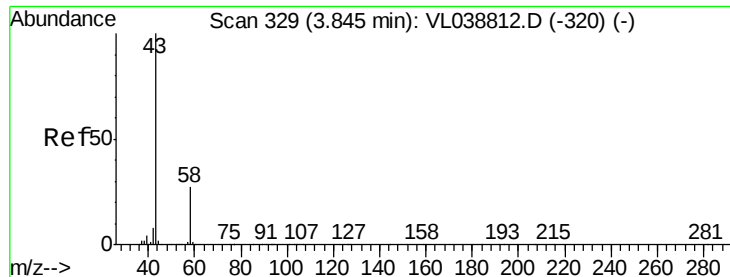
Tot Ion: 45 Resp: 22974
Ion Ratio Lower Upper
45 100
46 71.2 0.0 0.0#



#14
Bromoethene
Concen: 10.481 ppbv
RT: 3.74 min Scan# 297
Delta R.T.: 0.00 min
Lab File: VL038892.D
Acq: 12 Apr 2022 15:08

Tgt Ion: 108 Resp: 452623
Ion Ratio Lower Upper
108 100
106 108.8 91.5 137.3
79 16.8 13.7 20.5





#15

Acetone

Concen: 9.423 ppbv

RT: 3.85 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

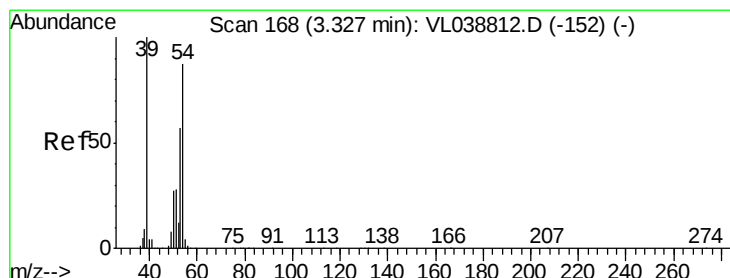
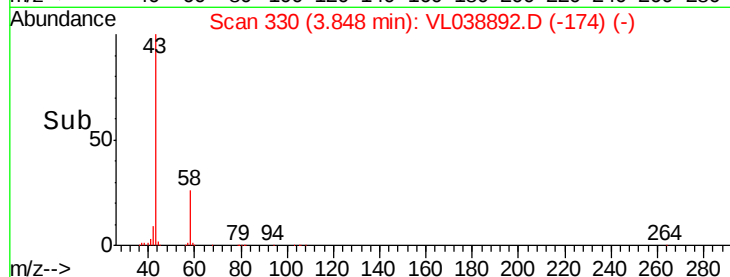
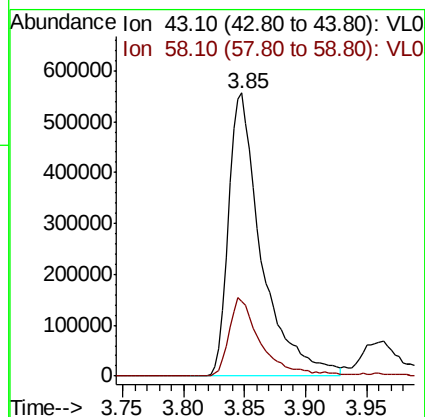
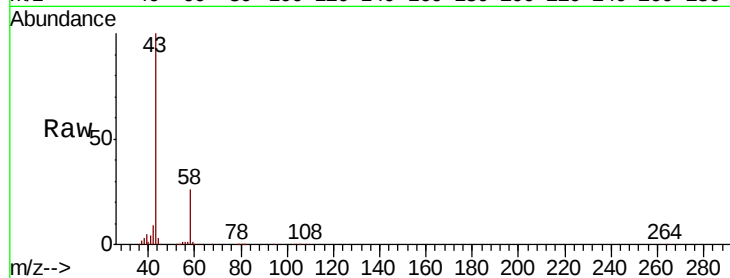
Acq: 12 Apr 2022 15:08 VL0412ABS01

Tot Ion: 43 Resp: 1055145

Ion Ratio Lower Upper

43 100

58 28.2 22.5 33.7



#16

1,3-Butadiene

Concen: 9.773 ppbv

RT: 3.33 min Scan# 169

Delta R.T. 0.00 min

Lab File: VL038892.D

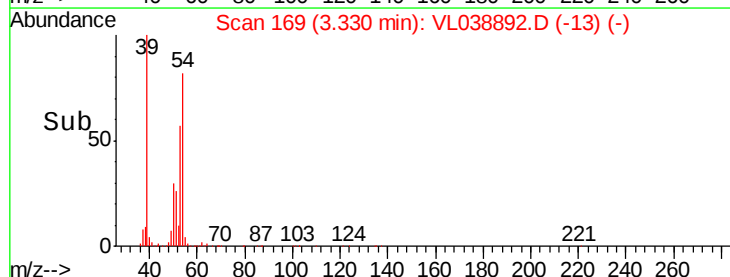
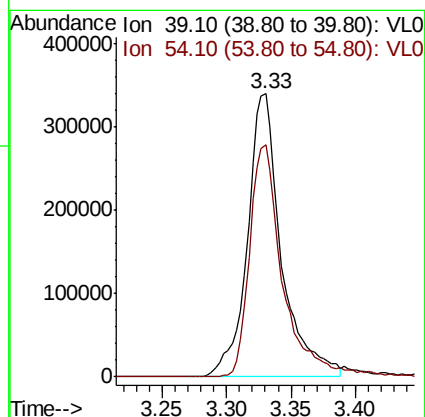
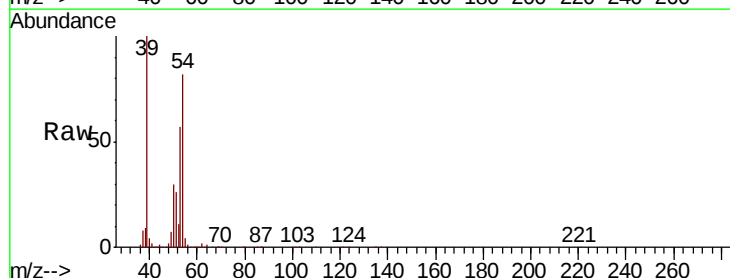
Acq: 12 Apr 2022 15:08

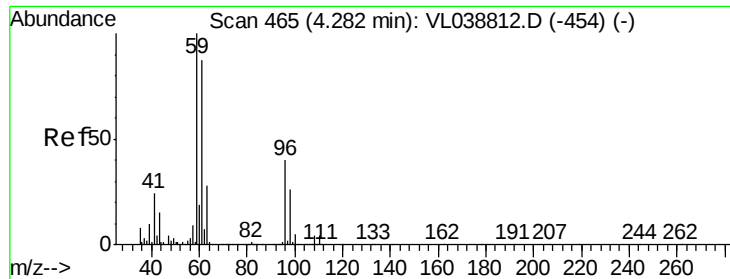
Tgt Ion: 39 Resp: 625637

Ion Ratio Lower Upper

39 100

54 80.1 64.8 97.2





#17

tert-Butyl alcohol

Concen: 8.467 ppbv

RT: 4.28 Instrument: MSVOA_1

Delta R.T. 0.00 min

Lab File: VL0412ABS01

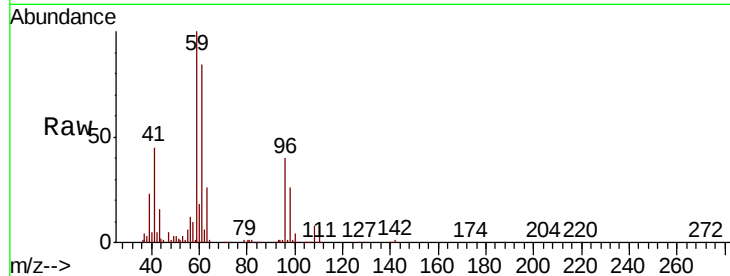
Acq: 12 Apr 2022 15:08

Tot Ion: 59 Resp: 850223

Ion Ratio Lower Upper

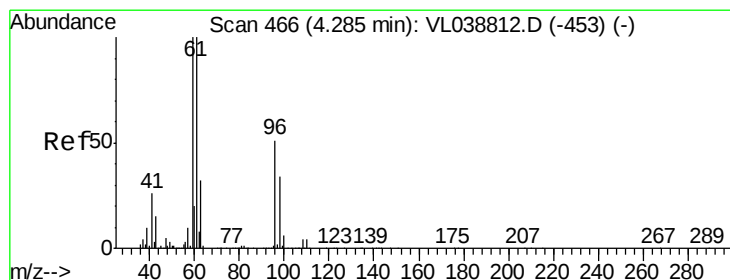
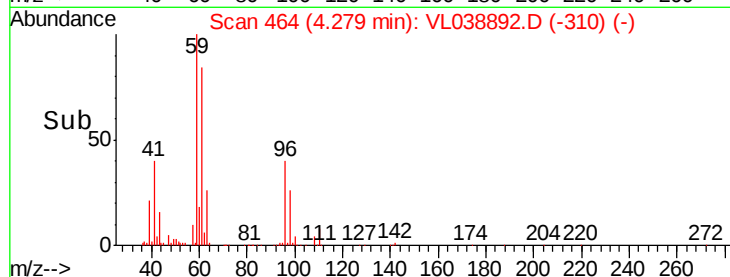
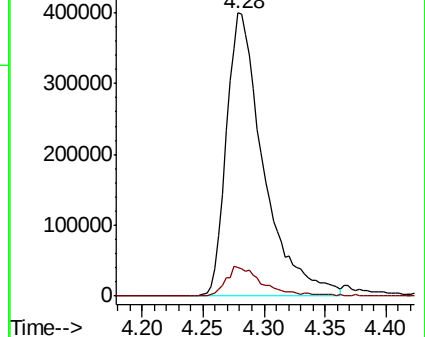
59 100

57 10.8 8.5 12.7



Abundance Ion 59.10 (58.80 to 59.80): VL0

Ion 57.10 (56.80 to 57.80): VL0



#18

1,1-Dichloroethene

Concen: 9.930 ppbv

RT: 4.29 min Scan# 467

Delta R.T. 0.00 min

Lab File: VL038892.D

Acq: 12 Apr 2022 15:08

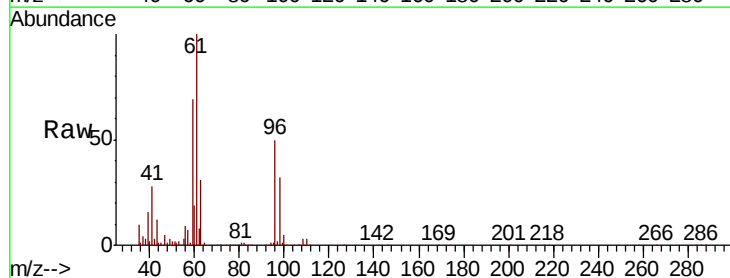
Tgt Ion: 96 Resp: 444499

Ion Ratio Lower Upper

96 100

61 199.3 156.1 234.1

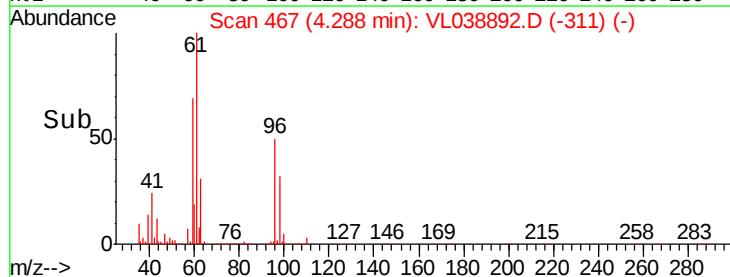
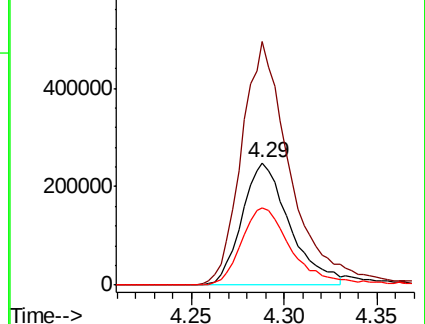
98 62.9 53.0 79.6

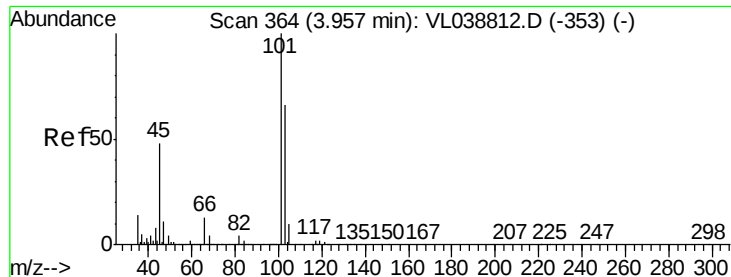


Abundance Ion 96.00 (95.70 to 96.70): VL0

Ion 61.10 (60.80 to 61.80): VL0

Ion 98.00 (97.70 to 98.70): VL0





#19

Isopropyl Alcohol

Concen: 9.944 ppbv

RT: 3.96 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: VL0412ABS01

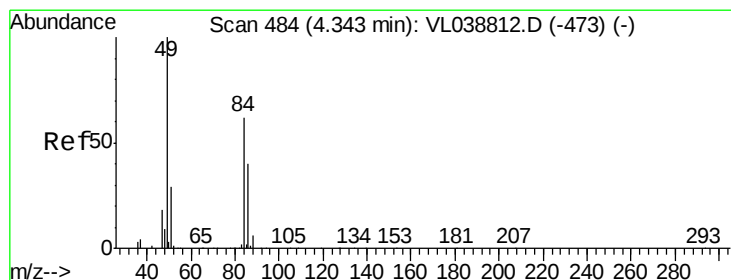
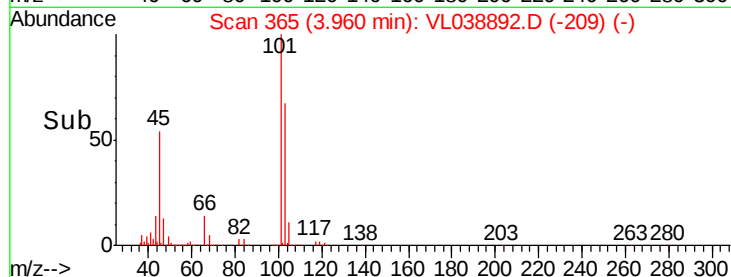
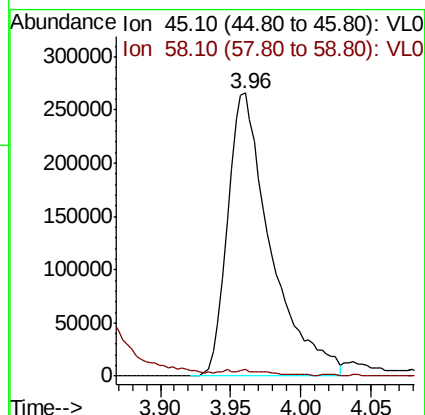
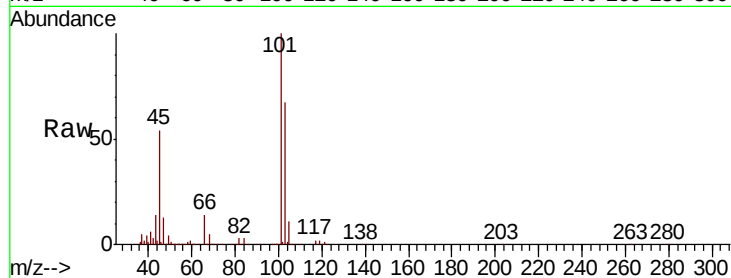
Acq: 12 Apr 2022 15:08

Tot Ion: 45 Resp: 569084

Ion Ratio Lower Upper

45 100

58 2.1 0.0 0.0#



#20

Methylene Chloride

Concen: 9.543 ppbv

RT: 4.34 min Scan# 484

Delta R.T. -0.00 min

Lab File: VL038892.D

Acq: 12 Apr 2022 15:08

Tgt Ion: 84 Resp: 387538

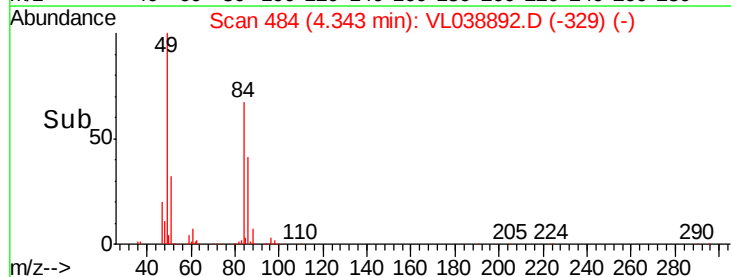
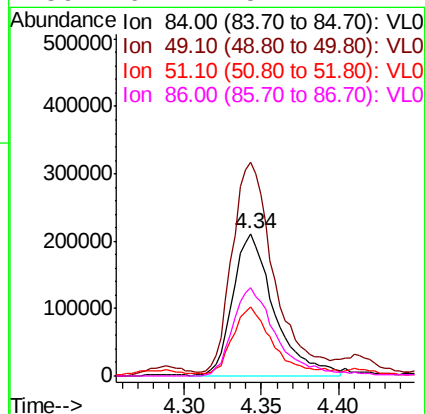
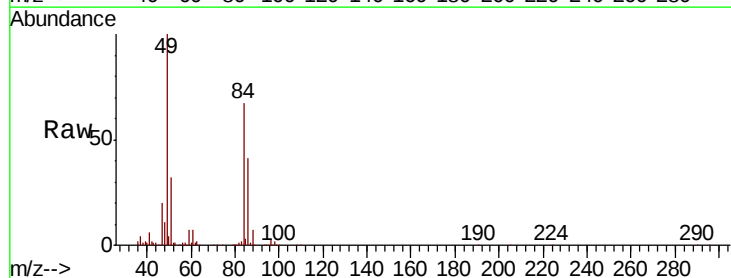
Ion Ratio Lower Upper

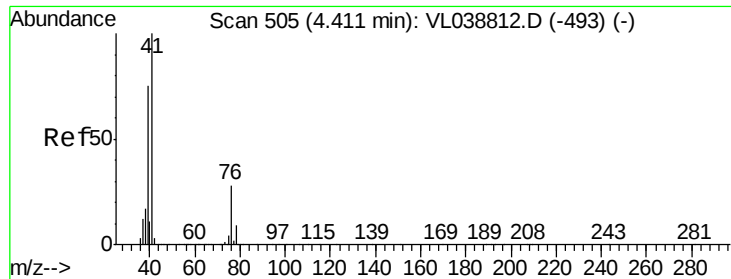
84 100

49 146.9 129.4 194.0

51 46.7 37.4 56.2

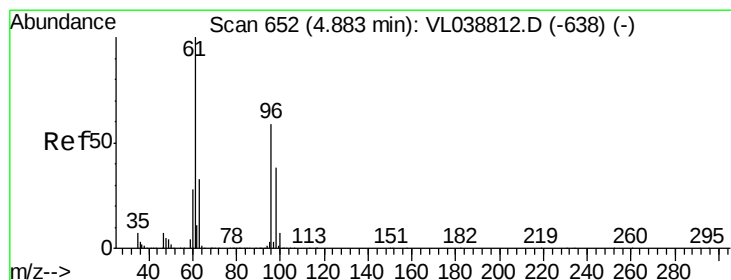
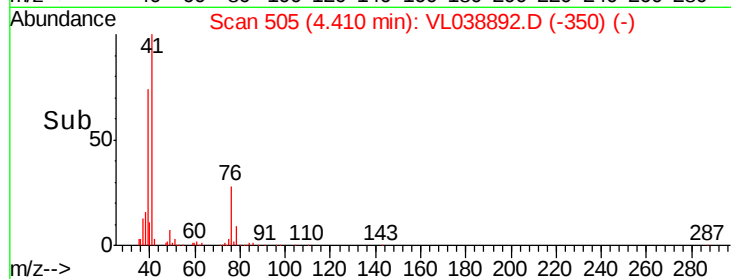
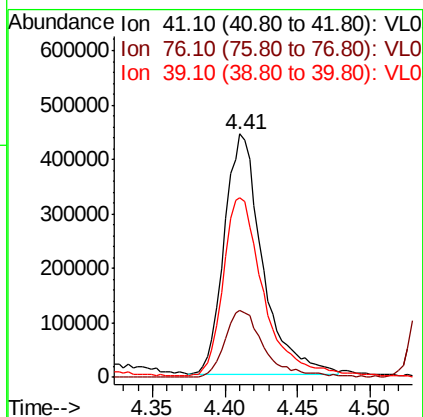
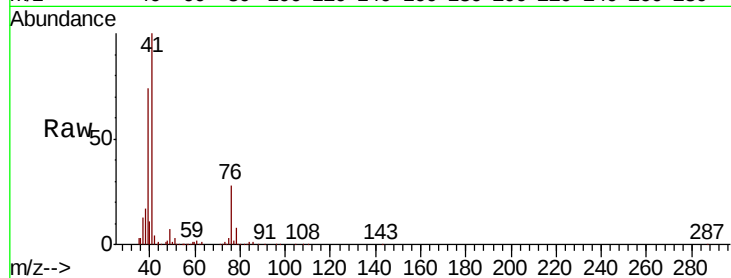
86 62.1 51.4 77.2





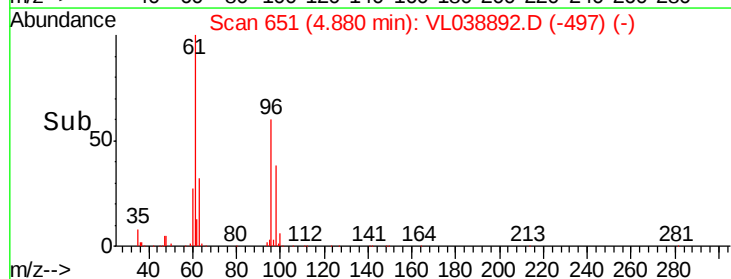
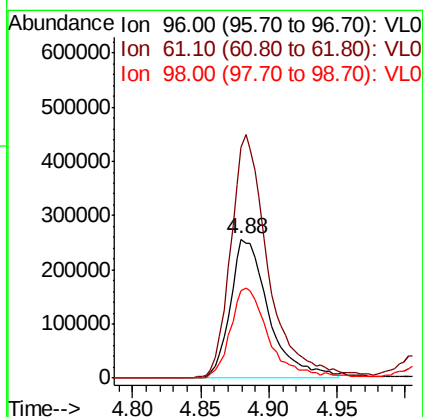
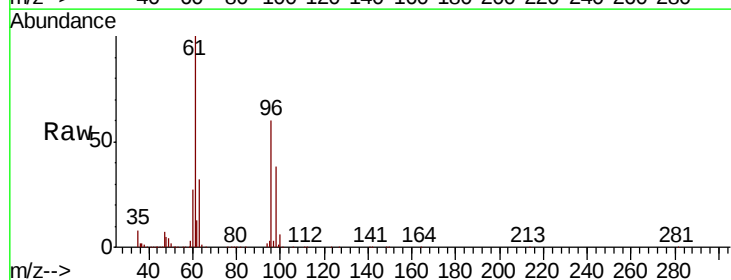
#21
 Allvl Chloride
 Concen: 9.614 ppbv
 RT: 4.41
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId : VL0412ABS01
 Acq: 12 Apr 2022 15:08

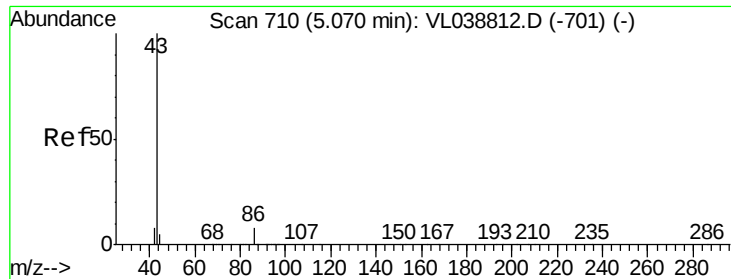
Tot Ion	Ratio	Lower	Upper
41	100		
76	28.9	23.7	35.5
39	79.7	62.0	93.0



#22
 trans-1,2-Dichloroethene
 Concen: 11.101 ppbv
 RT: 4.88 min Scan# 651
 Delta R.T. -0.00 min
 Lab File: VL038892.D
 Acq: 12 Apr 2022 15:08

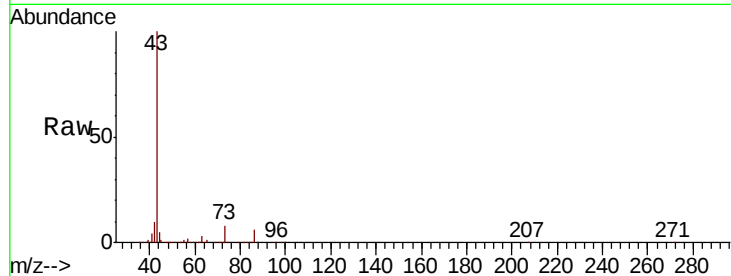
Tgt Ion	Ratio	Lower	Upper
96	100		
61	166.1	134.8	202.2
98	63.3	51.9	77.9



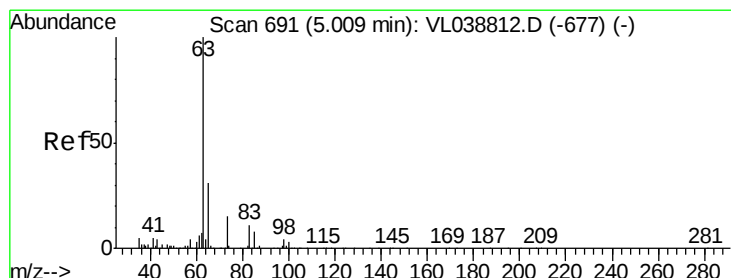
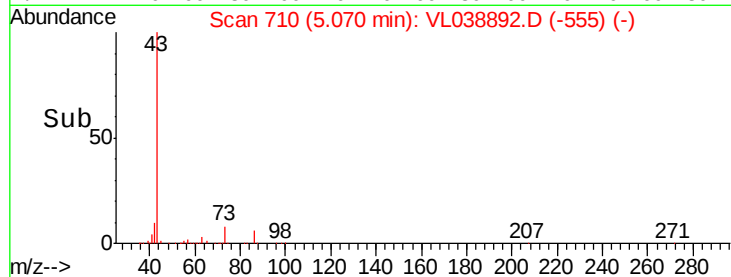
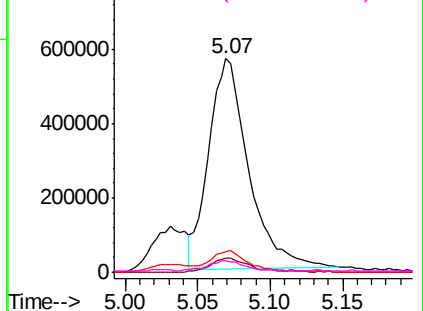


#23
 Vinyl Acetate
 Concen: 9.938 ppbv
 RT: 5.07
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VL0412ABS01
 Acq: 12 Apr 2022 15:08

Tot Ion:	43	Resp:	1083721
Ion	Ratio	Lower	Upper
43	100		
86	6.4	5.8	8.6
42	9.7	7.8	11.6
44	4.6	3.6	5.4

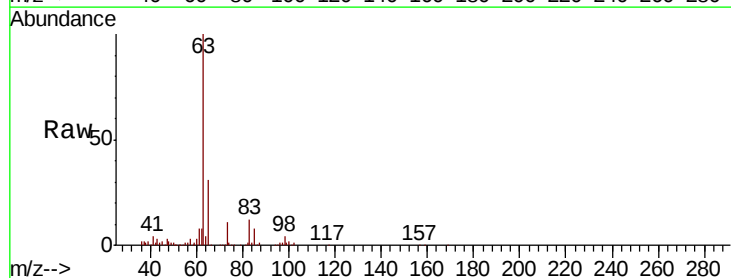


Abundance Ion 43.10 (42.80 to 43.80): VL0
 Ion 86.10 (85.80 to 86.80): VL0
 Ion 42.10 (41.80 to 42.80): VL0
 Ion 44.10 (43.80 to 44.80): VL0

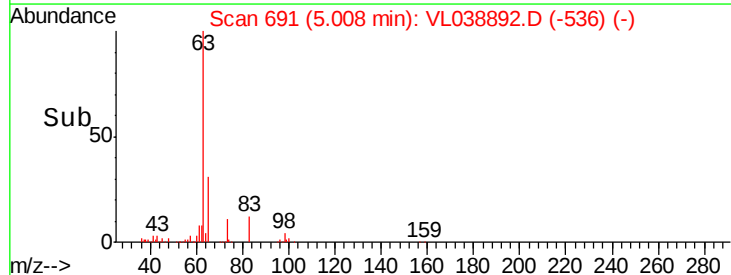
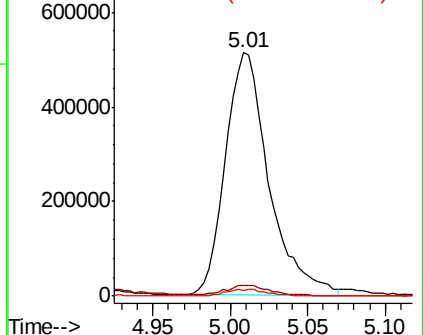


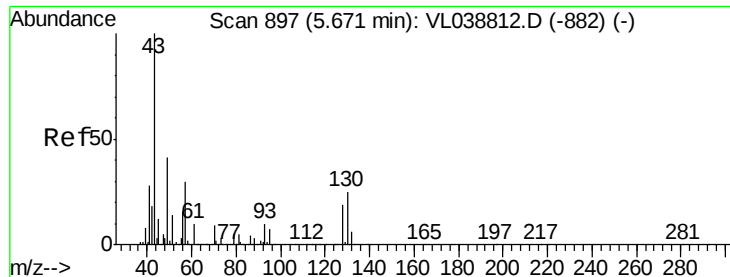
#24
 1,1-Dichloroethane
 Concen: 10.123 ppbv
 RT: 5.01 min Scan# 691
 Delta R.T. -0.00 min
 Lab File: VL038892.D
 Acq: 12 Apr 2022 15:08

Tgt Ion:	63	Resp:	997554
Ion	Ratio	Lower	Upper
63	100		
98	4.1	2.2	6.6
100	2.4	1.4	4.0



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

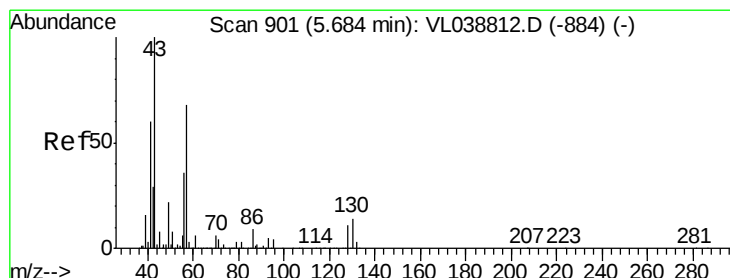
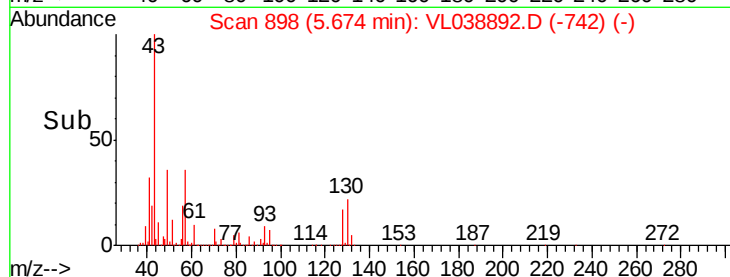
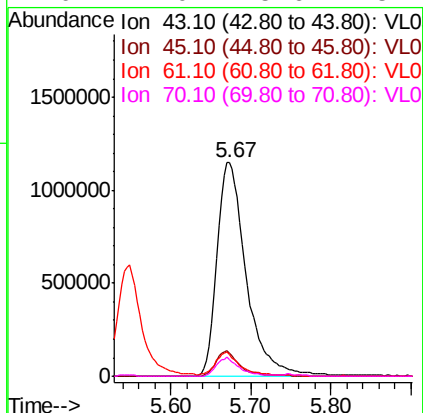
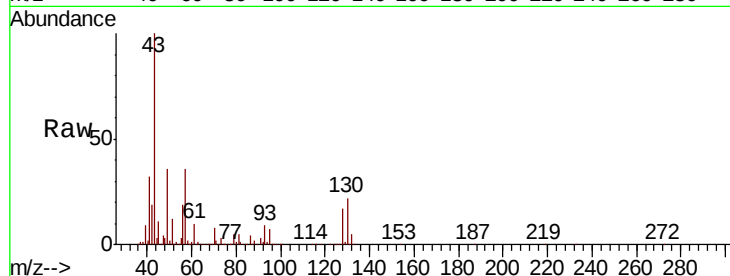




#25
Ethyl Acetate
Concen: 10.136 ppbv
RT: 5.67
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
VL0412ABS01
Acq: 12 Apr 2022 15:08

Tot Ion: 43 Resp: 2880034

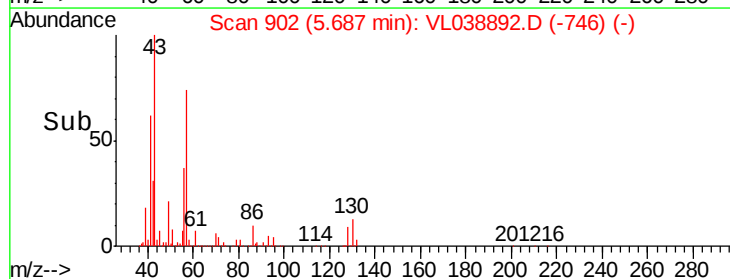
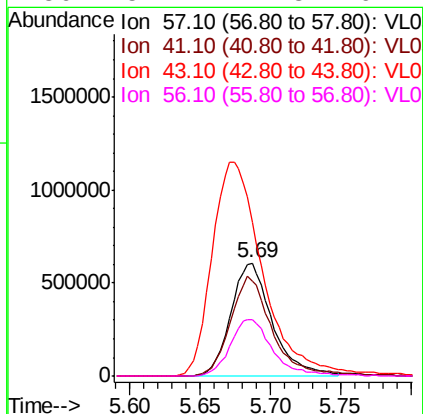
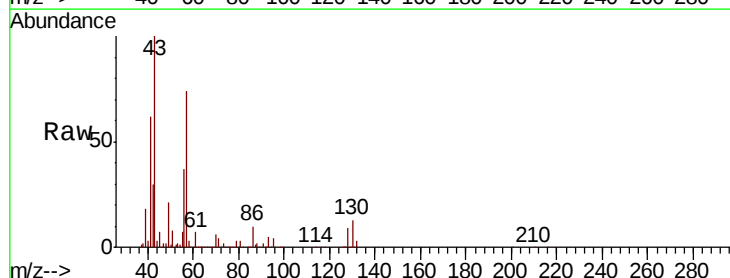
Ion	Ratio	Lower	Upper
43	100		
45	10.0	8.4	12.6
61	9.9	7.9	11.9
70	7.0	5.6	8.4

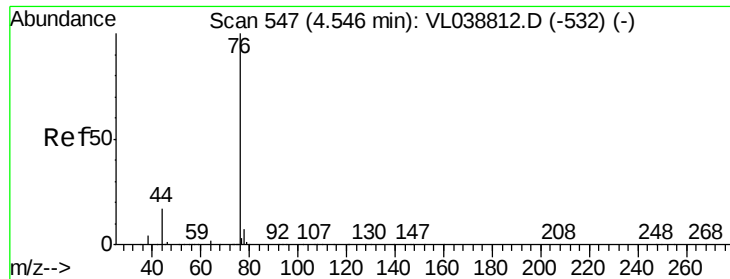


#26
Hexane
Concen: 9.621 ppbv
RT: 5.69 min Scan# 902
Delta R.T.: 0.00 min
Lab File: VL038892.D
Acq: 12 Apr 2022 15:08

Tgt Ion: 57 Resp: 1244199

Ion	Ratio	Lower	Upper
57	100		
41	89.3	72.0	108.0
43	232.4	186.6	280.0
56	52.2	42.8	64.2





#27

Carbon Disulfide

Concen: 10.463 ppbv

RT: 4.55 Instrument: MSVOA_1

Delta R.T. 0.00 min

Lab File: VL0412ABS01 ClientSampleId:

Acq: 12 Apr 2022 15:08

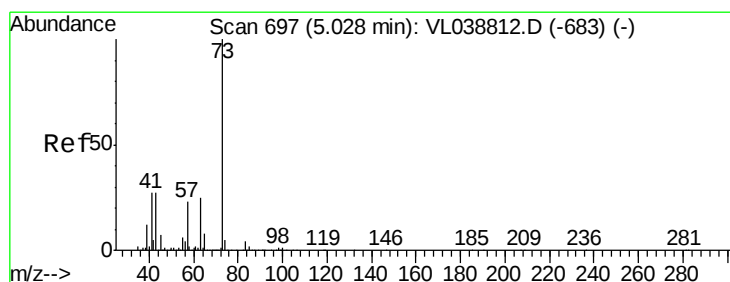
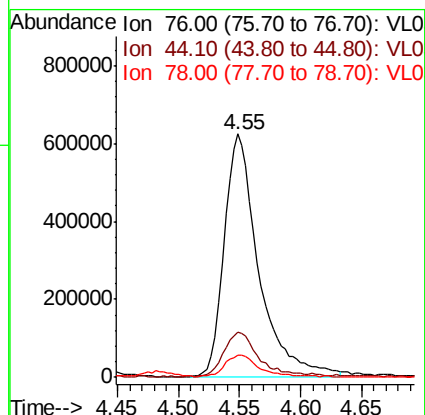
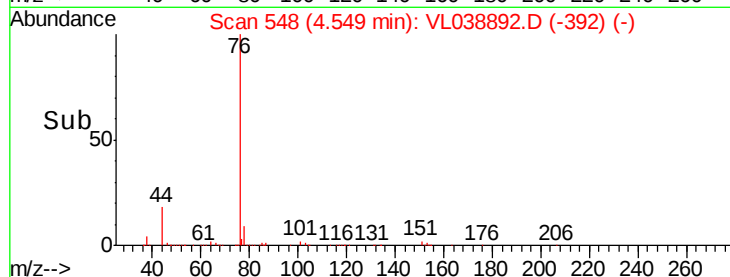
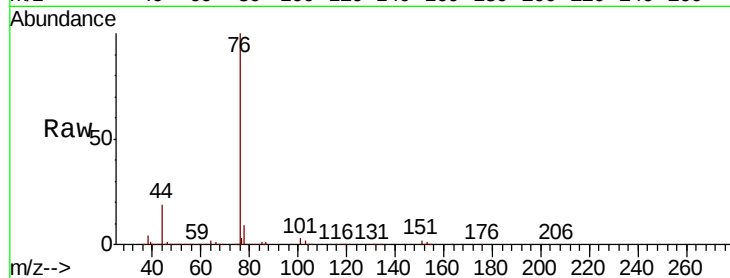
Tot Ion: 76 Resp: 1240956

Ion Ratio Lower Upper

76 100

44 19.5 15.7 23.5

78 9.7 7.8 11.8



#28

Methyl tert-Butyl Ether

Concen: 9.518 ppbv

RT: 5.03 min Scan# 698

Delta R.T. 0.00 min

Lab File: VL038892.D

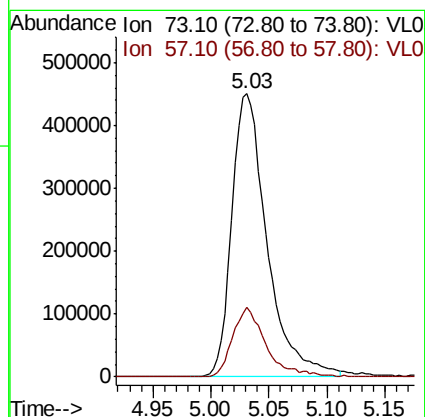
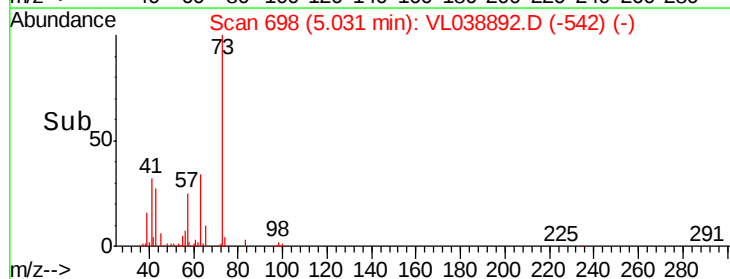
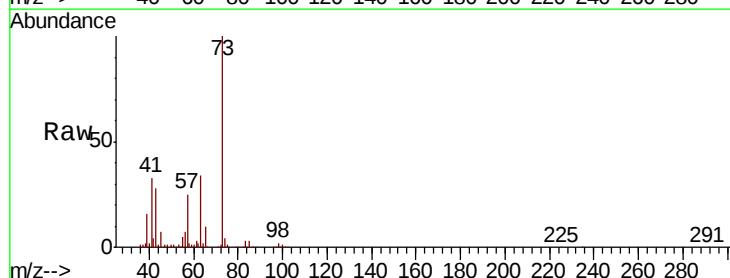
Acq: 12 Apr 2022 15:08

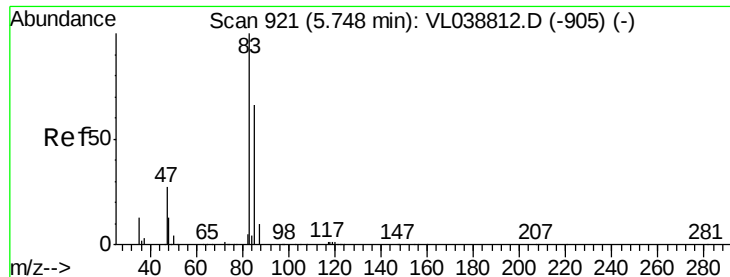
Tgt Ion: 73 Resp: 950751

Ion Ratio Lower Upper

73 100

57 23.4 19.7 29.5





#29

Chloroform

Concen: 10.611 ppbv

RT: 5.75 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

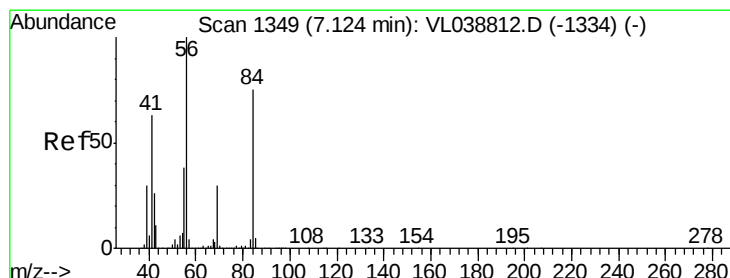
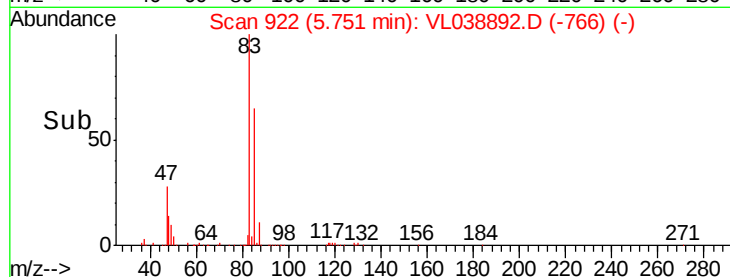
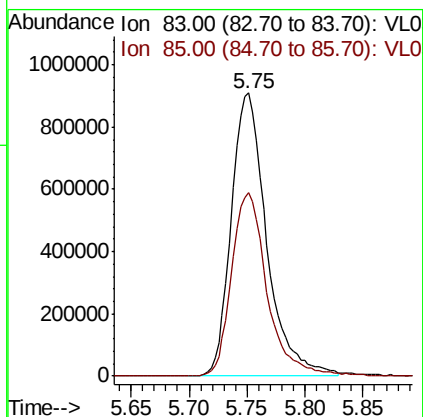
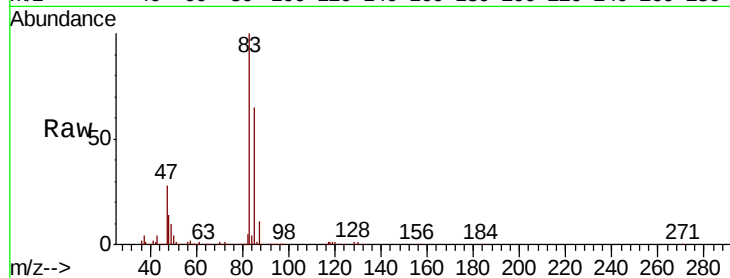
Acq: 12 Apr 2022 15:08

Tot Ion: 83 Resp: 1919969

Ion Ratio Lower Upper

83 100

85 64.7 52.5 78.7



#30

Cyclohexane

Concen: 9.426 ppbv

RT: 7.13 min Scan# 1350

Delta R.T. 0.00 min

Lab File: VL038892.D

Acq: 12 Apr 2022 15:08

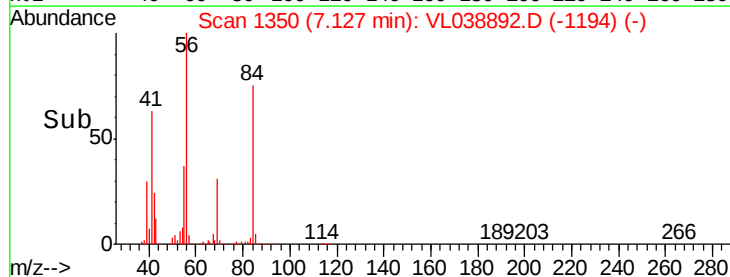
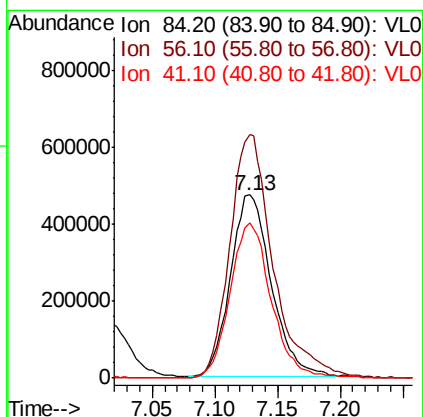
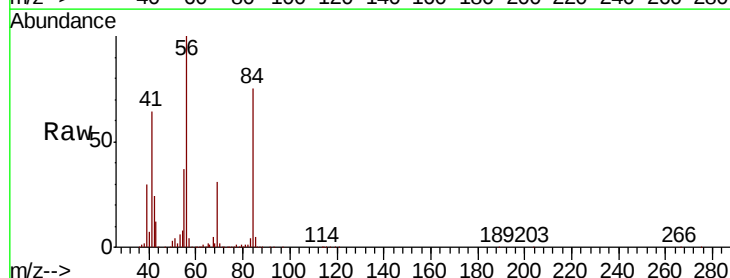
Tgt Ion: 84 Resp: 1074397

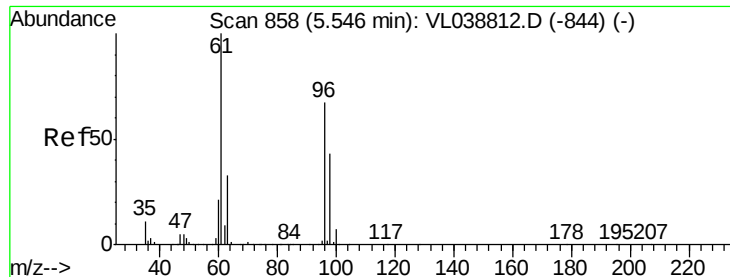
Ion Ratio Lower Upper

84 100

56 142.0 114.4 171.6

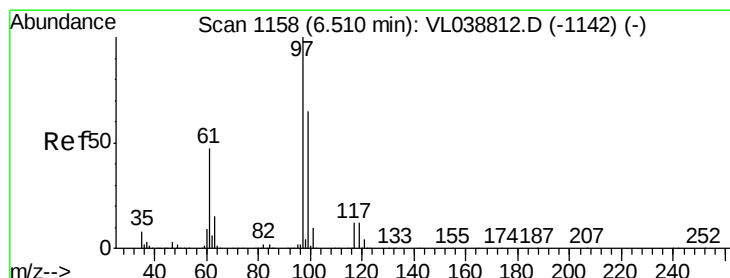
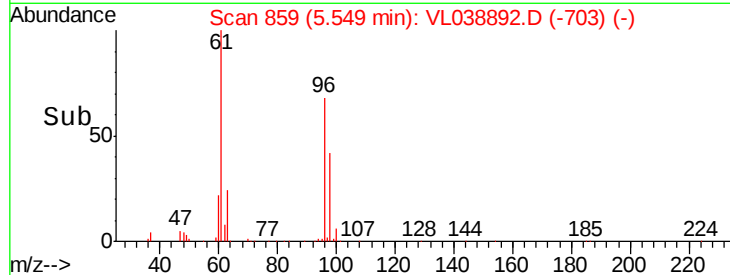
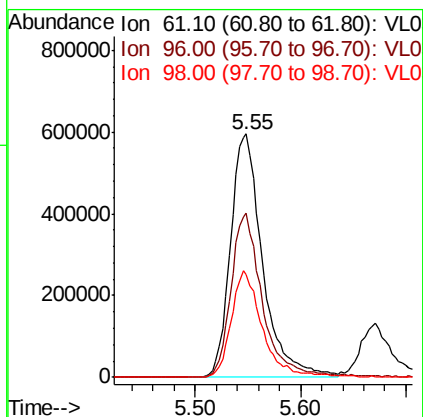
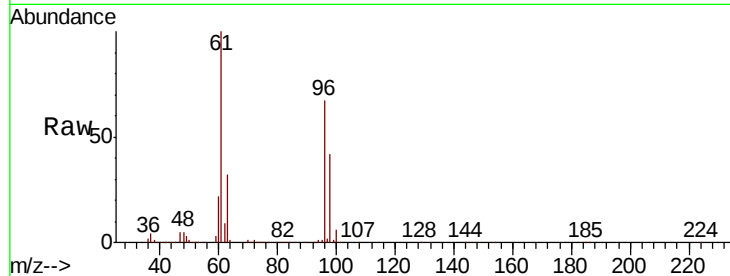
41 86.3 69.0 103.4





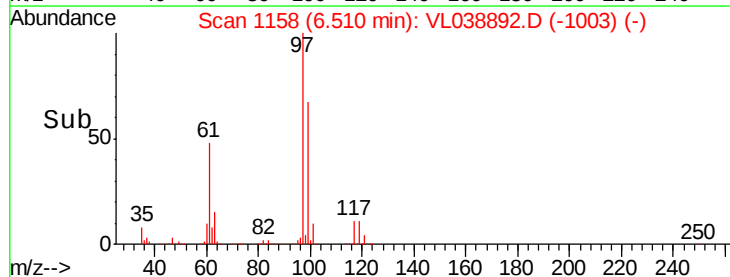
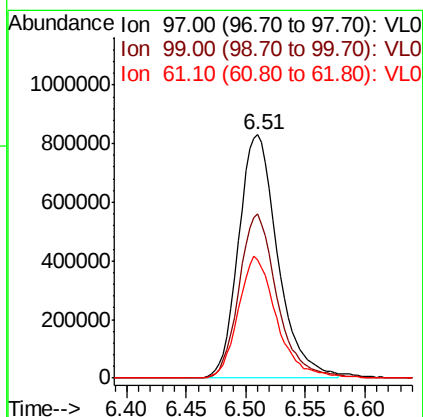
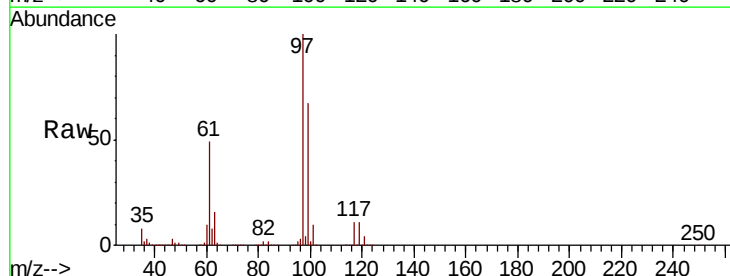
#31
 cis-1,2-Dichloroethene
 Concen: 10.510 ppbv
 RT: 5.55
 Instrument: MSVOA_1
 Delta R.T.:
 ClientSampleId:
 Lab File: VL0412ABS01
 Acq: 12 Apr 2022 15:08

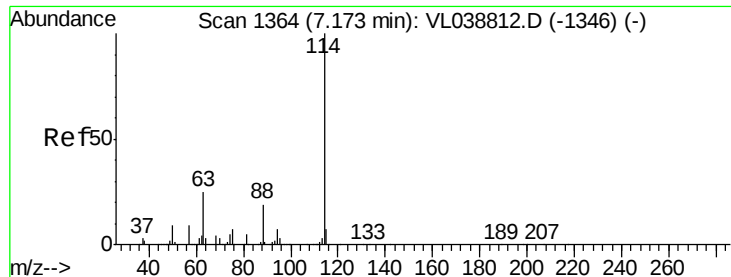
Tot Ion: 61 Resp: 1249830
 Ion Ratio Lower Upper
 61 100
 96 67.2 53.4 80.0
 98 42.1 34.2 51.4



#32
 1,1,1-Trichloroethane
 Concen: 10.414 ppbv
 RT: 6.51 min Scan# 1158
 Delta R.T.: -0.00 min
 Lab File: VL038892.D
 Acq: 12 Apr 2022 15:08

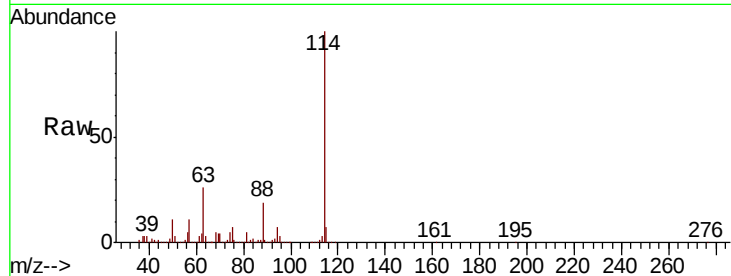
Tgt Ion: 97 Resp: 1898516
 Ion Ratio Lower Upper
 97 100
 99 65.7 52.4 78.6
 61 49.1 38.6 57.8



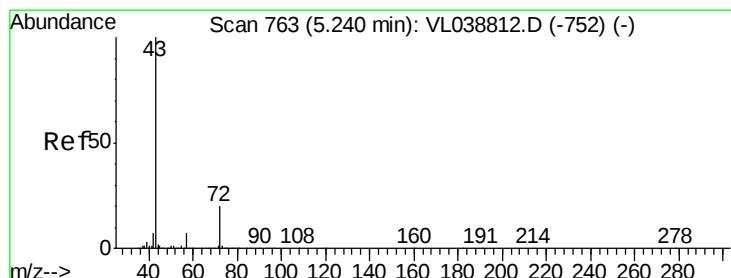
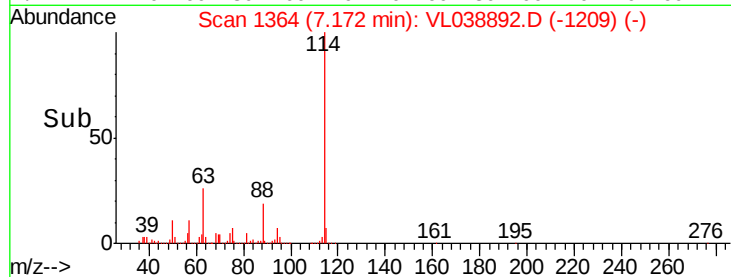
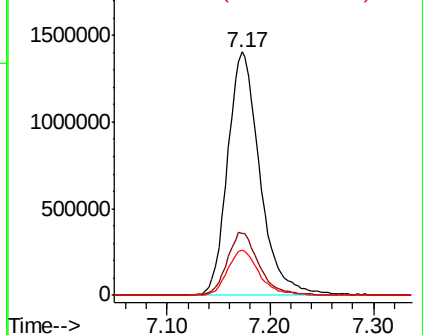


#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.17
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VL0412ABS01
 Acq: 12 Apr 2022 15:08

Tot Ion:114 Resp: 3066296
 Ion Ratio Lower Upper
 114 100
 63 26.0 19.8 29.8
 88 18.5 14.2 21.4

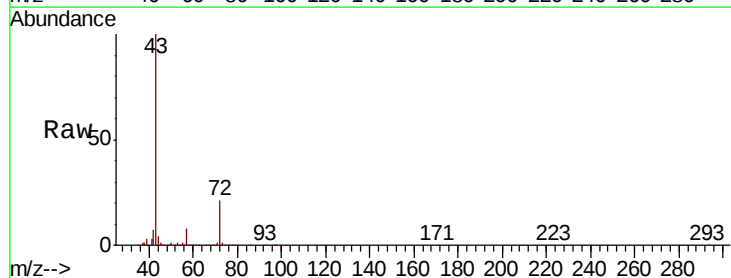


Abundance Ion 114.10 (113.80 to 114.80): V
 Ion 63.10 (62.80 to 63.80): VL0
 Ion 88.10 (87.80 to 88.80): VL0

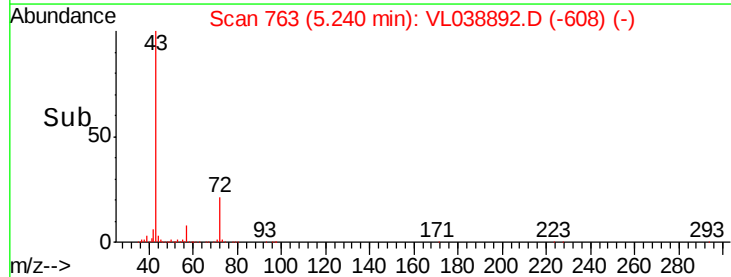
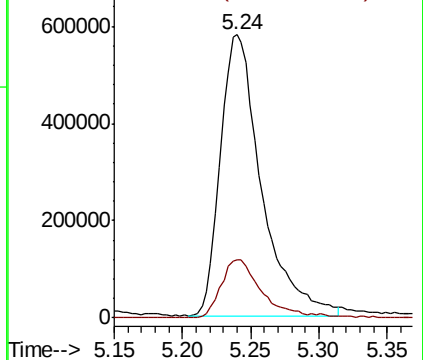


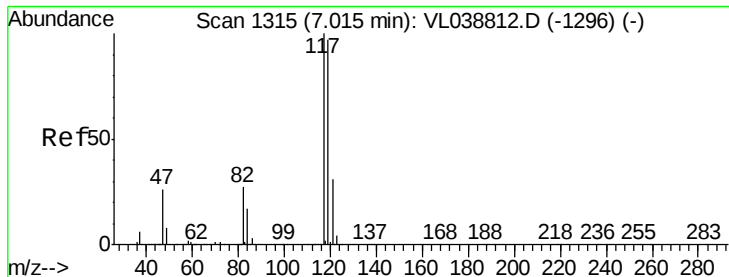
#34
 2-Butanone
 Concen: 9.985 ppbv
 RT: 5.24 min Scan# 763
 Delta R.T. -0.00 min
 Lab File: VL038892.D
 Acq: 12 Apr 2022 15:08

Tgt Ion: 43 Resp: 1209820
 Ion Ratio Lower Upper
 43 100
 72 21.5 16.9 25.3



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

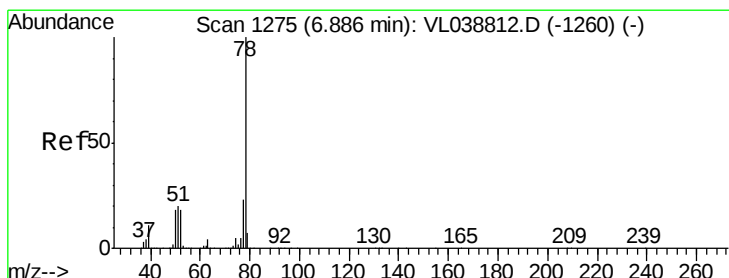
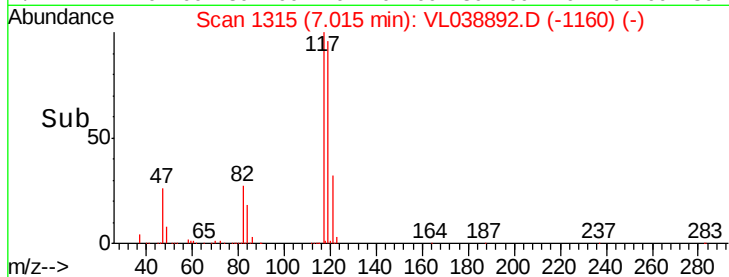
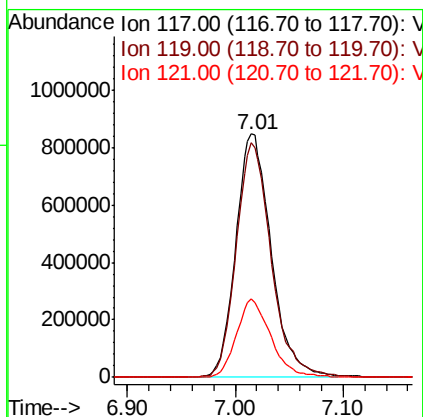
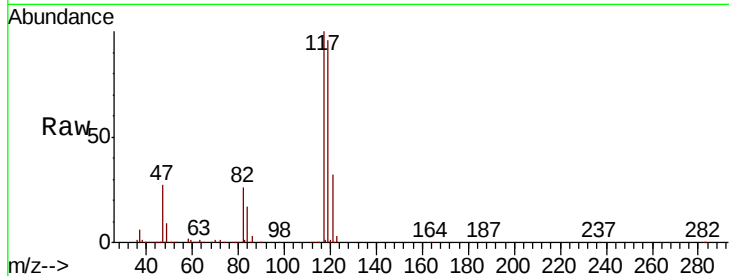




#35
Carbon Tetrachloride
Concen: 10.531 ppbv
RT: 7.01 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId : VL0412ABS01
Acq: 12 Apr 2022 15:08

Tot Ion:117 Resp: 1935829

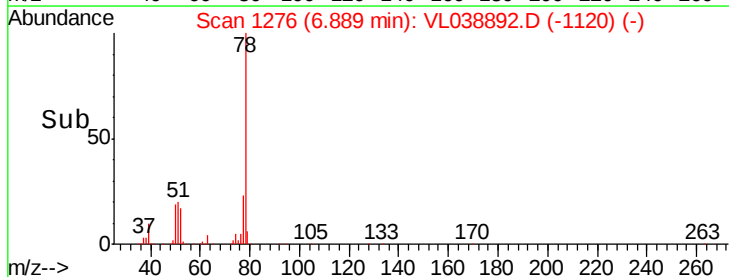
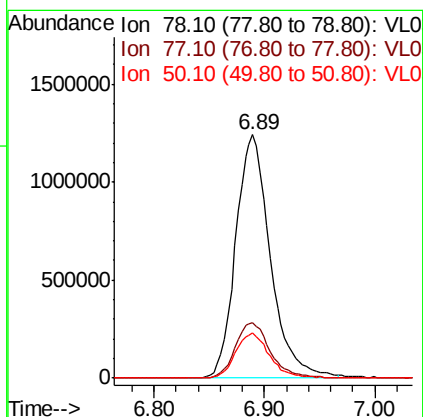
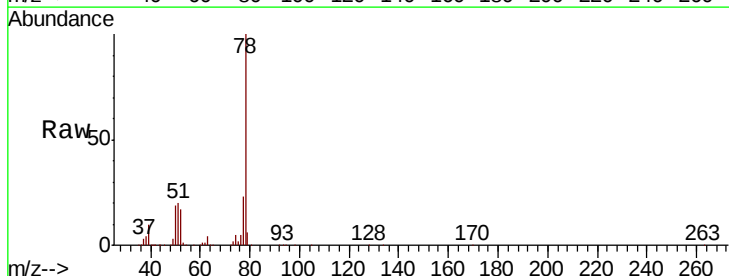
Ion	Ratio	Lower	Upper
117	100		
119	96.3	77.7	116.5
121	32.2	24.5	36.7

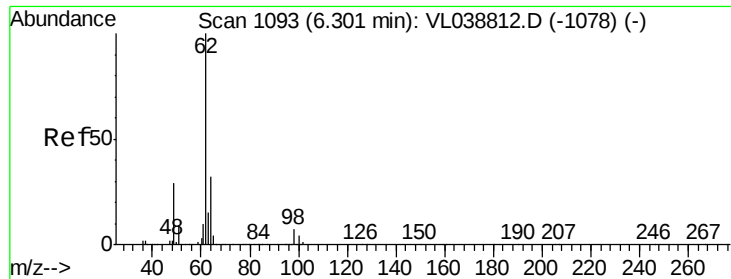


#36
Benzene
Concen: 9.679 ppbv
RT: 6.89 min Scan# 1276
Delta R.T.: 0.00 min
Lab File: VL038892.D
Acq: 12 Apr 2022 15:08

Tgt Ion: 78 Resp: 2699999

Ion	Ratio	Lower	Upper
78	100		
77	22.5	18.2	27.2
50	18.6	14.0	21.0





#37

1,2-Dichloroethane

Concen: 11.529 ppbv

RT: 6.30 Instrument: MSVOA_1

Delta R.T. 0.00 min

Lab File: ClientSampleId: VL0412ABS01

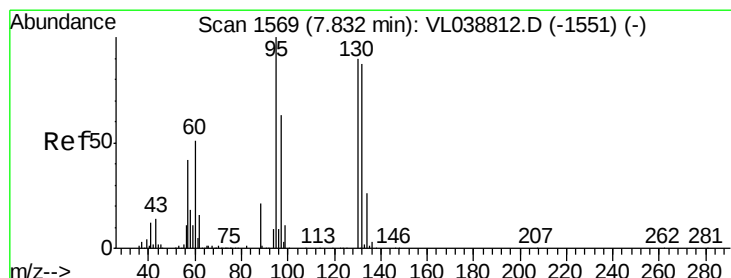
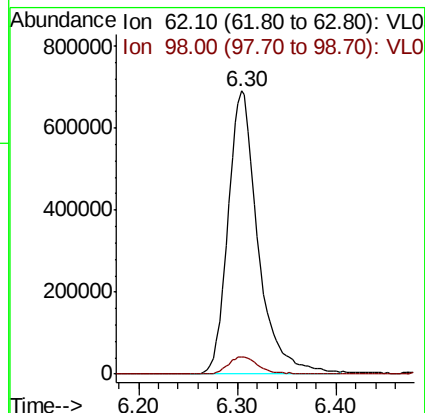
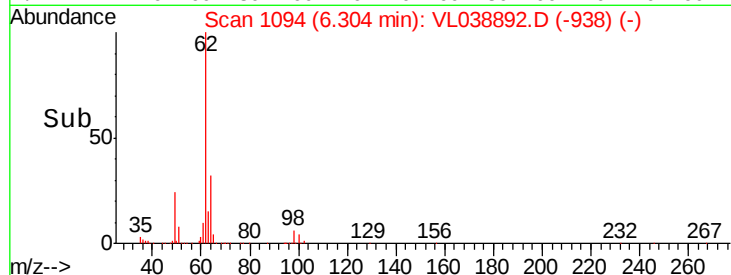
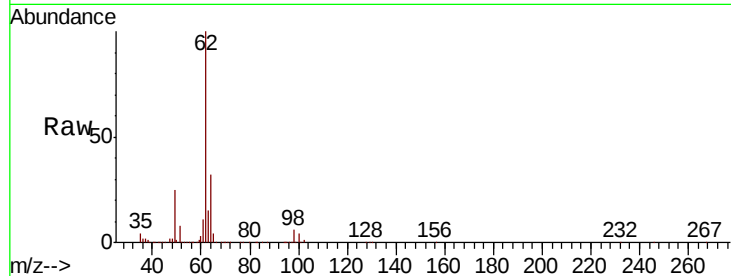
Acq: 12 Apr 2022 15:08

Tot Ion: 62 Resp: 1470317

Ion Ratio Lower Upper

62 100

98 6.4 5.9 8.9



#38

Trichloroethene

Concen: 9.384 ppbv

RT: 7.83 min Scan# 1570

Delta R.T. 0.00 min

Lab File: VL038892.D

Acq: 12 Apr 2022 15:08

Tgt Ion:130 Resp: 1074055

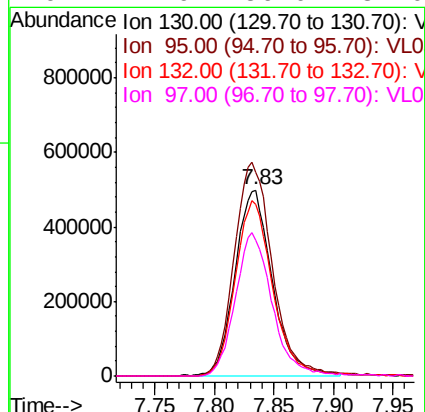
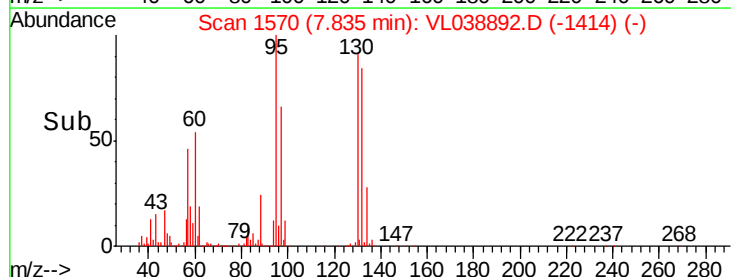
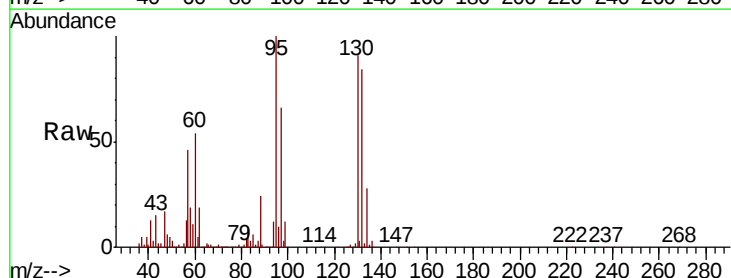
Ion Ratio Lower Upper

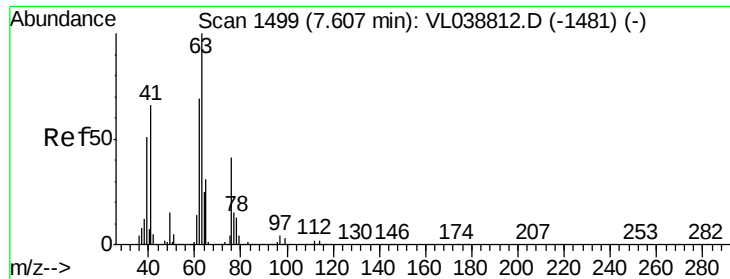
130 100

95 109.7 89.4 134.0

132 92.4 77.7 116.5

97 72.9 56.0 84.0





#39

1,2-Dichloropropane

Concen: 9.887 ppbv

RT: 7.61 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 12 Apr 2022 15:08

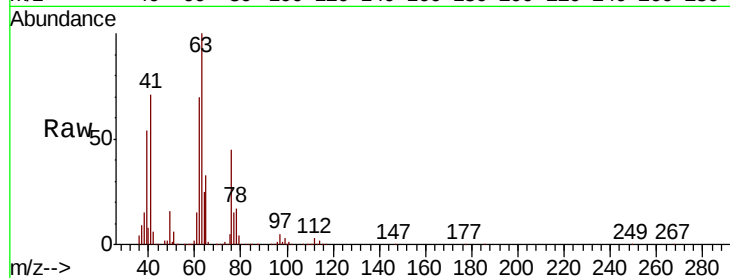
Tot Ion: 63 Resp: 1054859

Ion Ratio Lower Upper

63 100

41 71.2 53.0 79.6

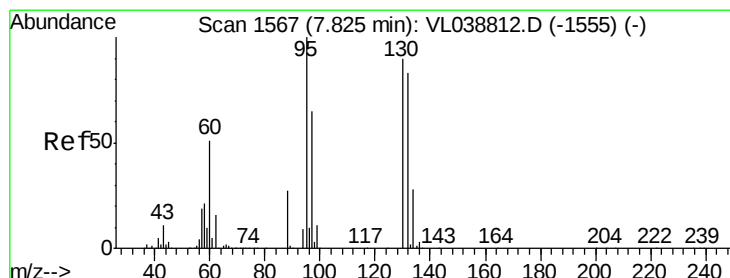
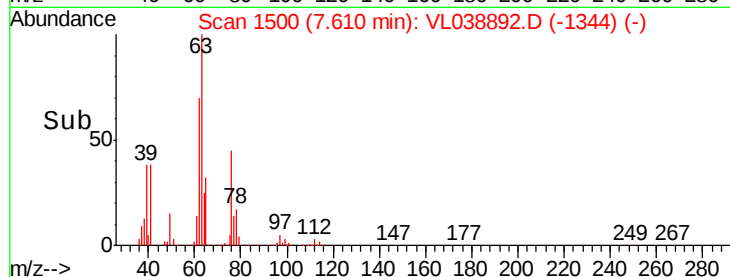
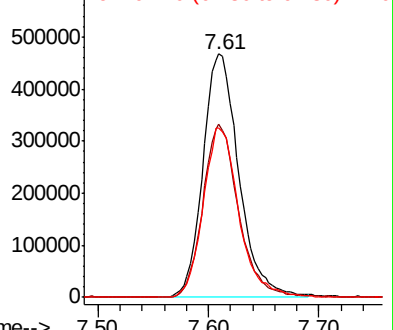
62 69.4 55.0 82.4



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: 10.080 ppbv

RT: 7.83 min Scan# 1567

Delta R.T. -0.00 min

Lab File: VL038892.D

Acq: 12 Apr 2022 15:08

Tgt Ion: 88 Resp: 365209

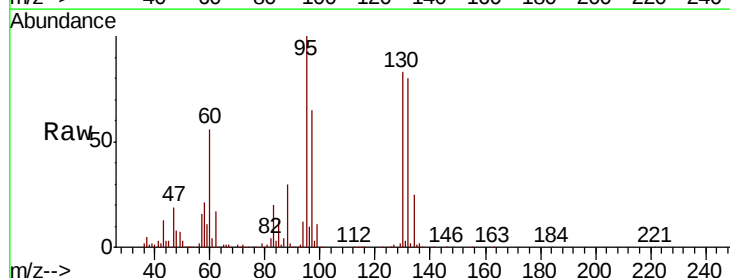
Ion Ratio Lower Upper

88 100

58 135.3 49.4 74.0#

43 0.0 0.0 0.0

57 0.0 0.0 0.0

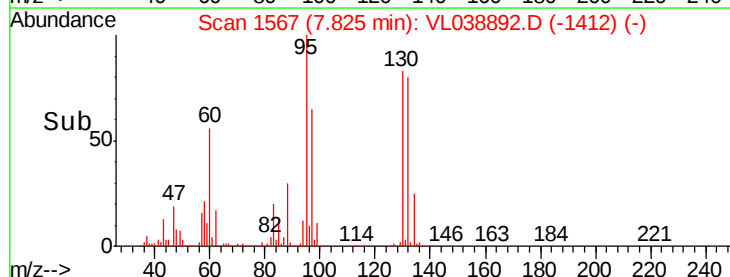
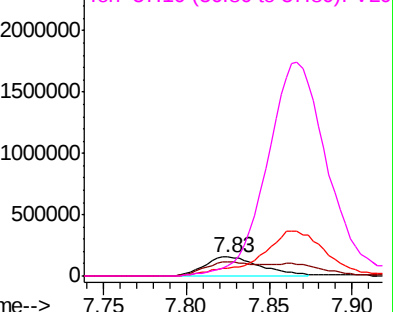


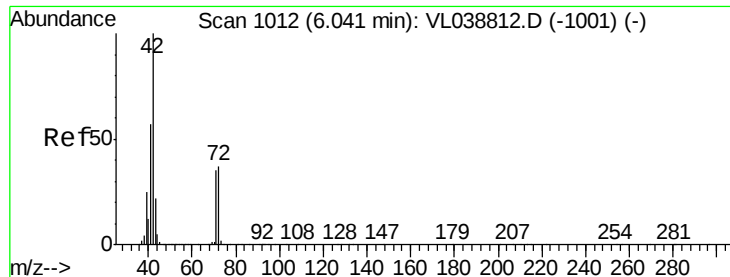
Abundance Ion 88.10 (87.80 to 88.80): VL0

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: 9.871 ppbv

RT: 6.04 Instrument: MSVOA_1

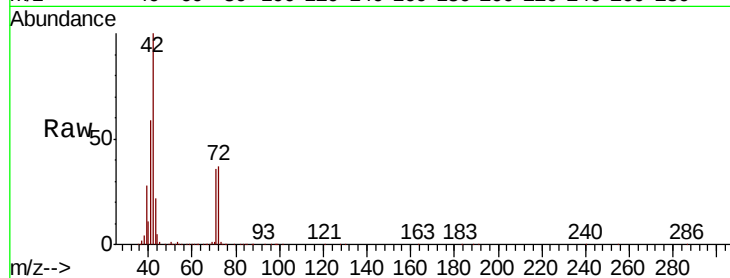
Delta R.T. 0.00 min

Lab File: ClientSampleId: VL0412ABS01

Acq: 12 Apr 2022 15:08

Tot Ion: 42 Resp: 1135934

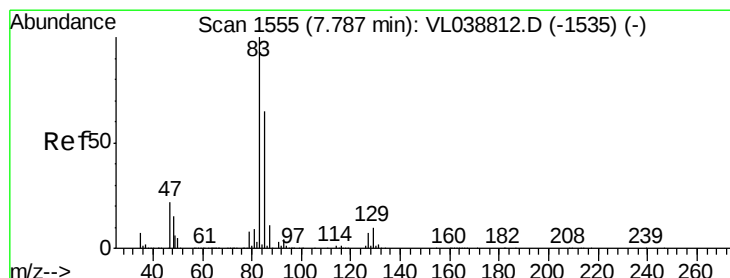
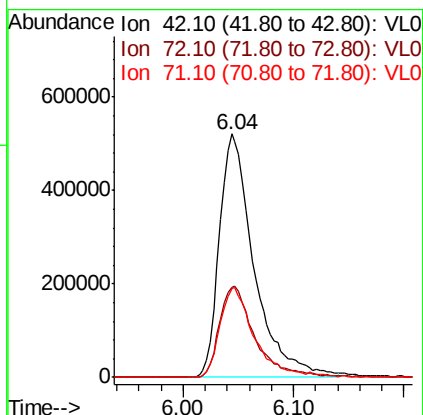
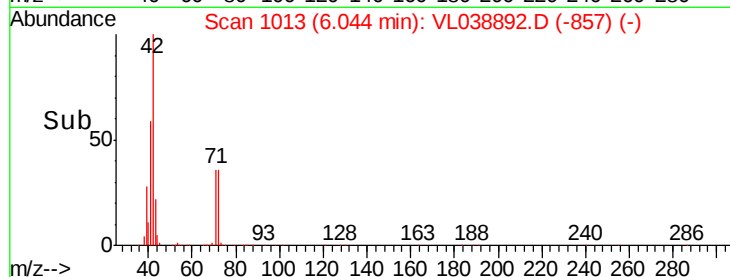
Ion	Ratio	Lower	Upper
42	100		
72	38.8	31.4	47.0
71	37.4	30.2	45.4



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: 10.837 ppbv

RT: 7.79 min Scan# 1556

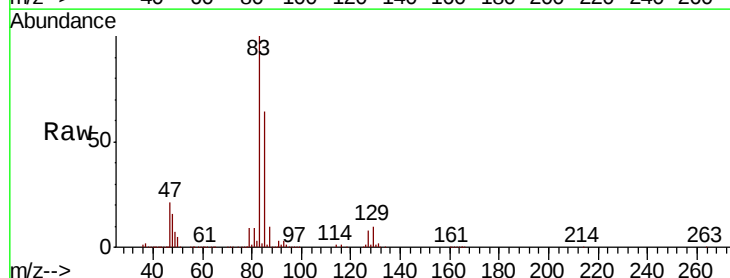
Delta R.T. 0.00 min

Lab File: VL038892.D

Acq: 12 Apr 2022 15:08

Tgt Ion: 83 Resp: 2182460

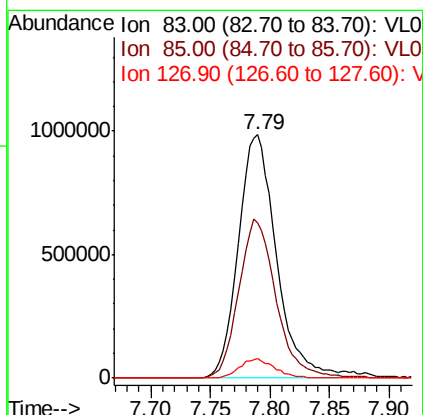
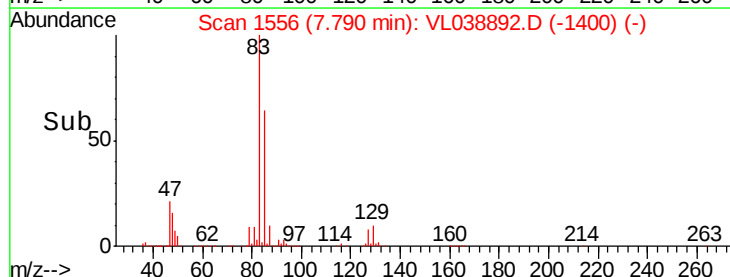
Ion	Ratio	Lower	Upper
83	100		
85	63.6	51.7	77.5
127	7.8	5.9	8.9

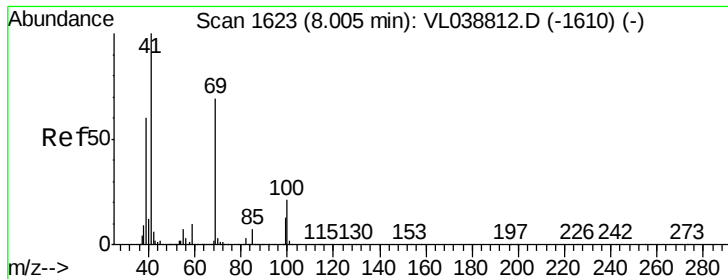


Abundance Ion 83.00 (82.70 to 83.70): VL0

Ion 85.00 (84.70 to 85.70): VL0

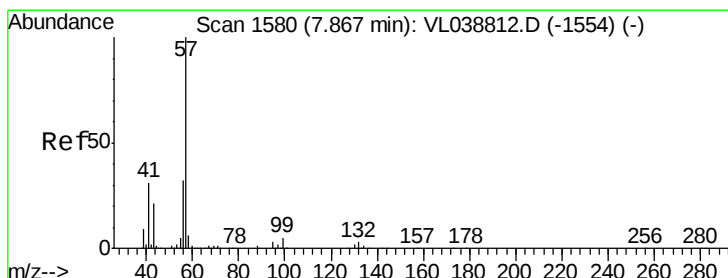
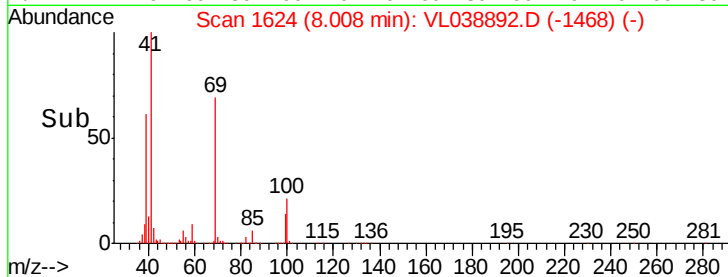
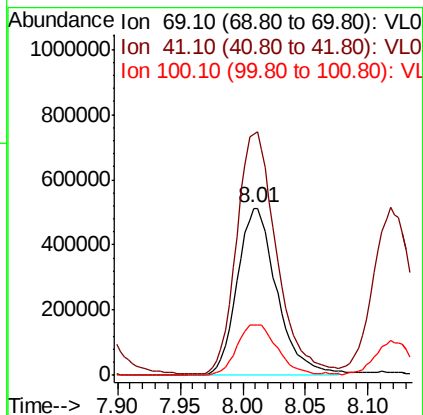
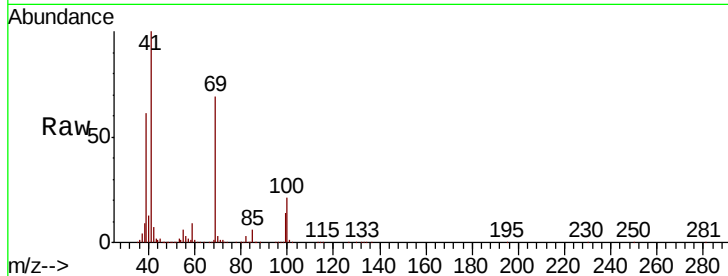
Ion 126.90 (126.60 to 127.60): VL0





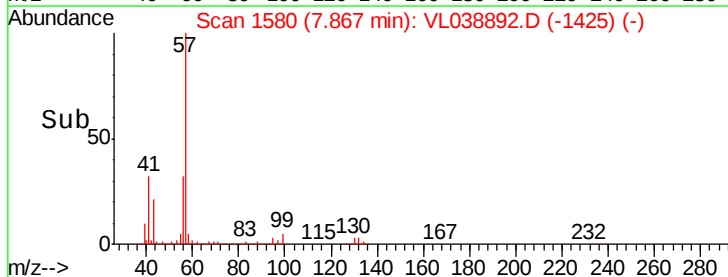
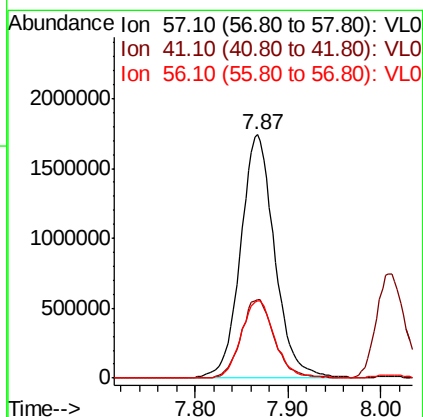
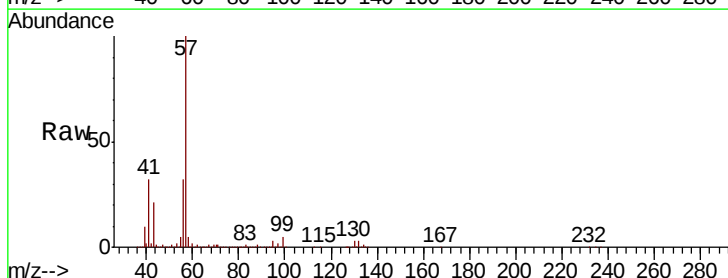
#43
Methvl Methacrilate
Concen: 10.538 ppbv
RT: 8.01
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
VL0412ABS01
Acq: 12 Apr 2022 15:08

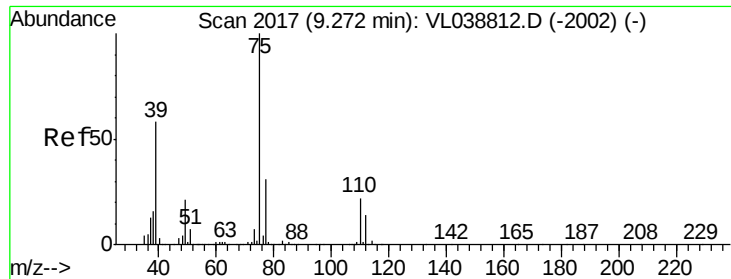
Tot Ion: 69 Resp: 1125833
Ion Ratio Lower Upper
69 100
41 147.5 119.0 178.4
100 31.3 26.4 39.6



#44
2,2,4-Trimethylpentane
Concen: 9.436 ppbv
RT: 7.87 min Scan# 1580
Delta R.T.: -0.00 min
Lab File: VL038892.D
Acq: 12 Apr 2022 15:08

Tgt Ion: 57 Resp: 4456199
Ion Ratio Lower Upper
57 100
41 31.7 25.0 37.4
56 31.3 25.3 37.9





#45

t-1,3-Dichloropropene

Concen: 11.004 ppbv

RT: 9.28 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

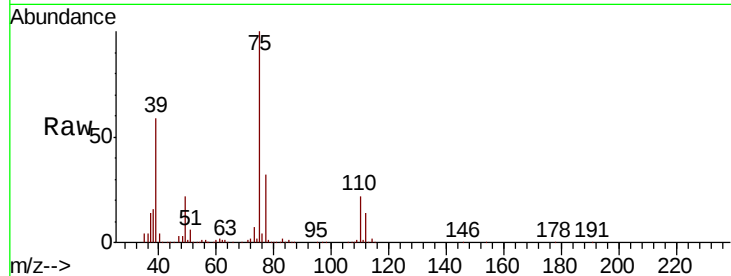
Acq: 12 Apr 2022 15:08 VL0412ABS01

Tot Ion: 75 Resp: 1229232

Ion Ratio Lower Upper

75 100

77 31.9 25.0 37.4



Abundance Ion 75.10 (74.80 to 75.80): VL0

Ion 77.10 (76.80 to 77.80): VL0

9.28

600000

500000

400000

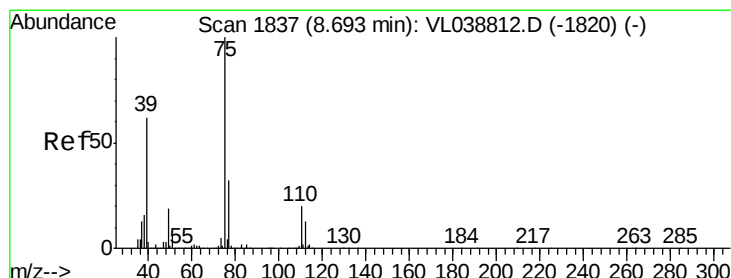
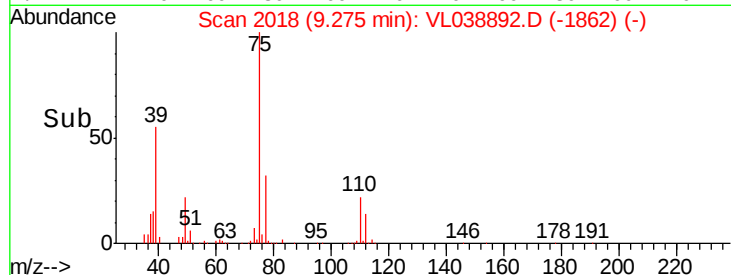
300000

200000

100000

0

Time-->



#46

cis-1,3-Dichloropropene

Concen: 10.318 ppbv

RT: 8.70 min Scan# 1838

Delta R.T. 0.00 min

Lab File: VL038892.D

Acq: 12 Apr 2022 15:08

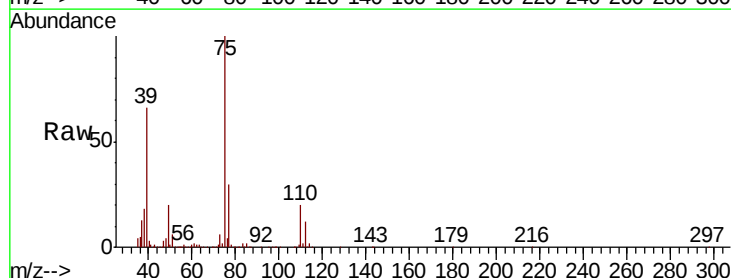
Tgt Ion: 75 Resp: 1519773

Ion Ratio Lower Upper

75 100

39 66.2 49.7 74.5

77 30.2 25.6 38.4



Abundance Ion 75.00 (74.70 to 75.70): VL0

Ion 39.00 (38.70 to 39.70): VL0

Ion 77.00 (76.70 to 77.70): VL0

8.70

1000000

800000

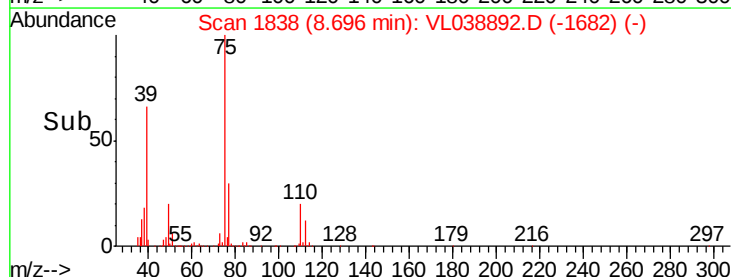
600000

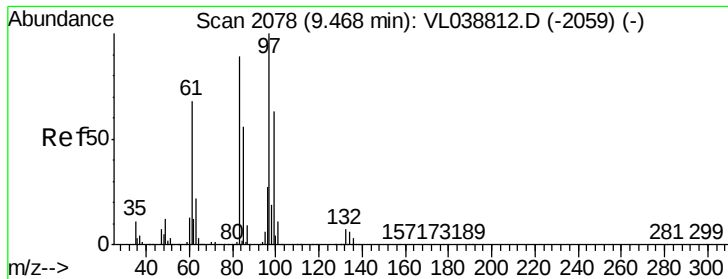
400000

200000

0

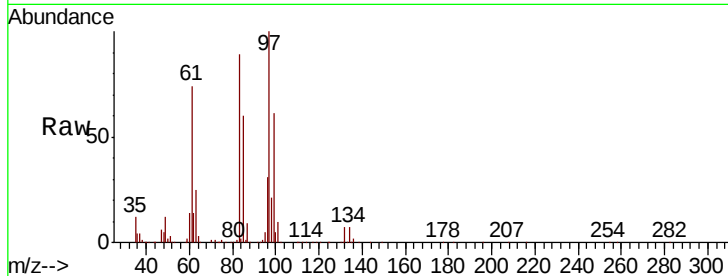
Time-->



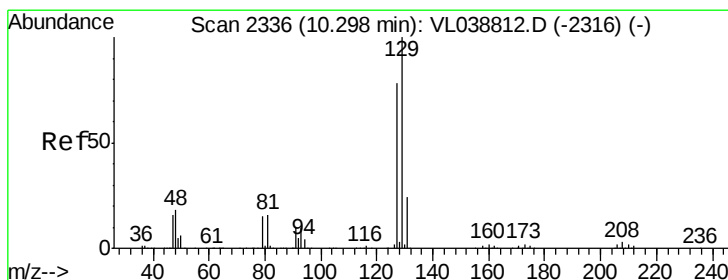
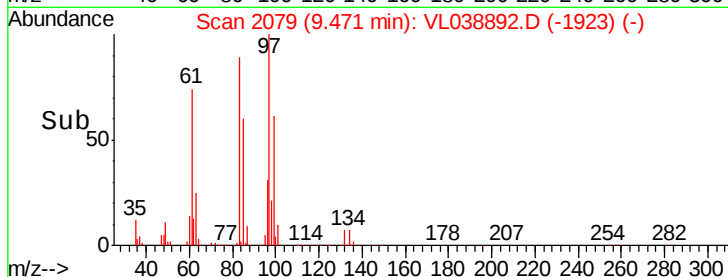
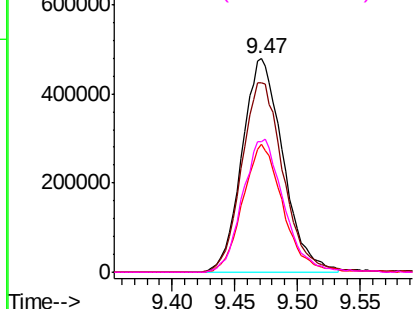


#47
 1,1,2-Trichloroethane
 Concen: 9.966 ppbv
 RT: 9.47
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VL0412ABS01
 Acq: 12 Apr 2022 15:08

Tot Ion:	97	Resp:	1089538
Ion	Ratio	Lower	Upper
97	100		
83	88.9	71.1	106.7
85	60.0	45.1	67.7
99	61.2	50.8	76.2

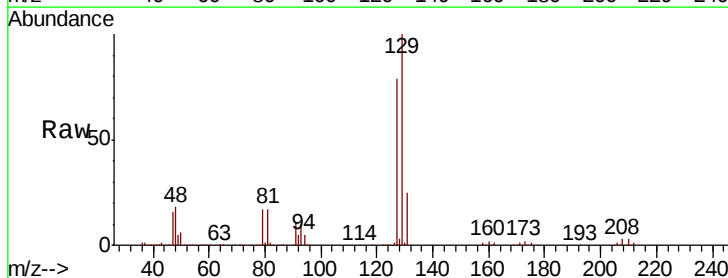


Abundance Ion 97.00 (96.70 to 97.70): VL0
 Ion 83.00 (82.70 to 83.70): VL0
 Ion 85.00 (84.70 to 85.70): VL0
 Ion 99.00 (98.70 to 99.70): VL0

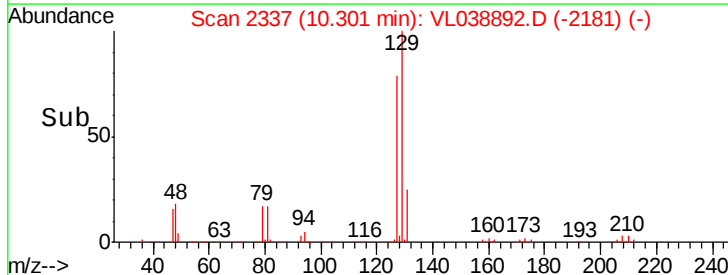
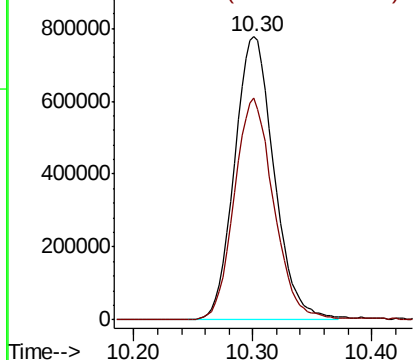


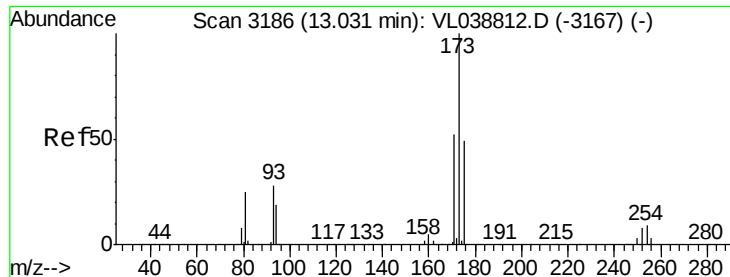
#48
 Dibromochloromethane
 Concen: 10.420 ppbv
 RT: 10.30 min Scan# 2337
 Delta R.T. 0.00 min
 Lab File: VL038892.D
 Acq: 12 Apr 2022 15:08

Tgt Ion:	129	Resp:	1785381
Ion	Ratio	Lower	Upper
129	100		
127	78.9	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: 10.579 ppbv

RT: 13.04

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 12 Apr 2022 15:08

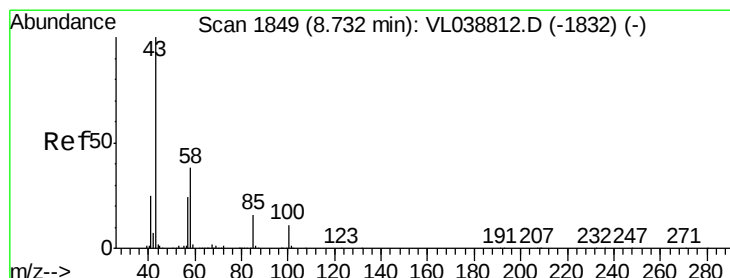
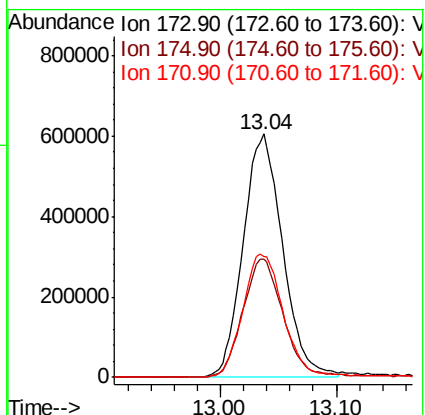
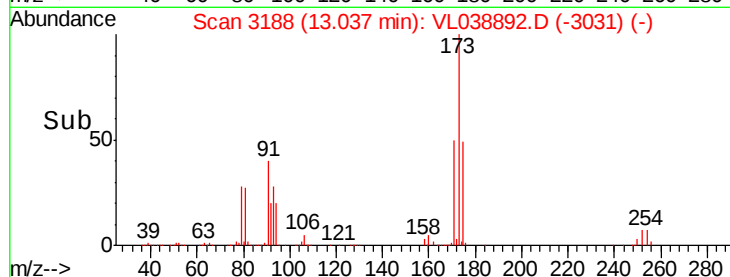
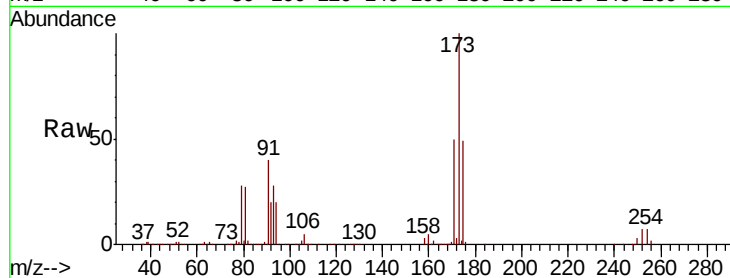
Tot Ion:173 Resp: 1435765

Ion Ratio Lower Upper

173 100

175 50.5 39.9 59.9

171 53.4 43.4 65.0



#50

4-Methyl-2-Pentanone

Concen: 10.261 ppbv

RT: 8.73 min Scan# 1850

Delta R.T. 0.00 min

Lab File: VL038892.D

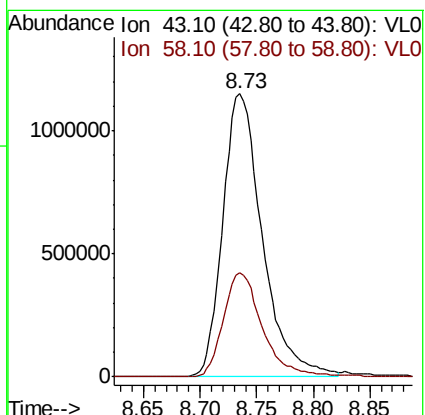
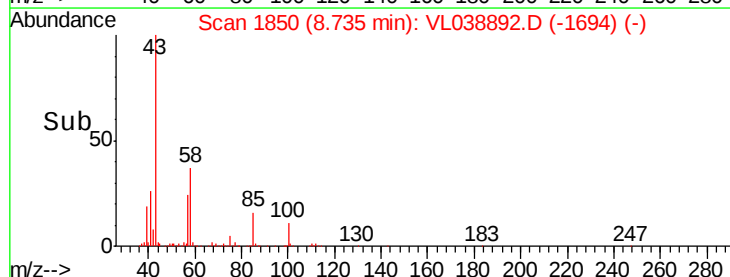
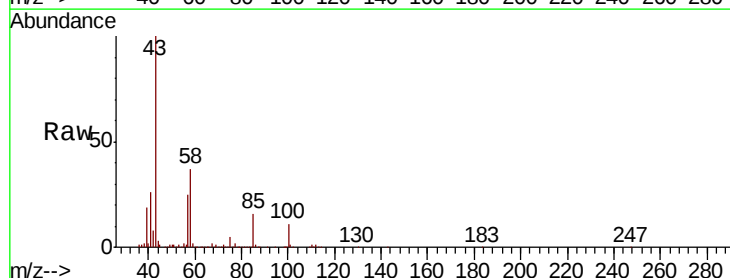
Acq: 12 Apr 2022 15:08

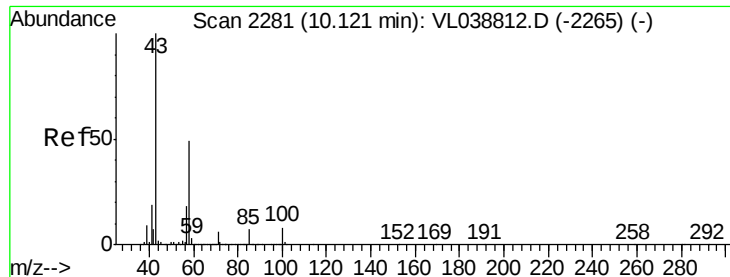
Tgt Ion: 43 Resp: 2796515

Ion Ratio Lower Upper

43 100

58 36.8 29.0 43.6





#51

2-Hexanone

Concen: 10.774 ppbv

RT: 10.13

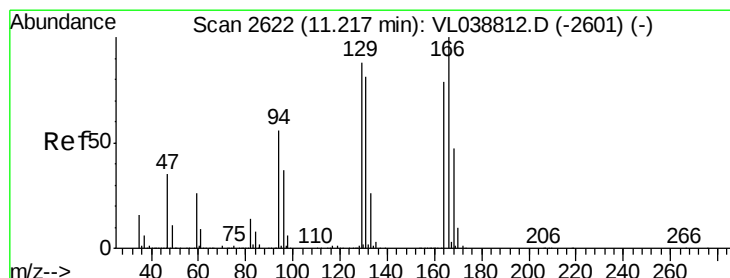
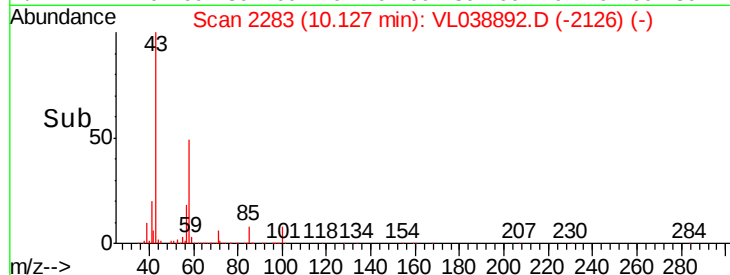
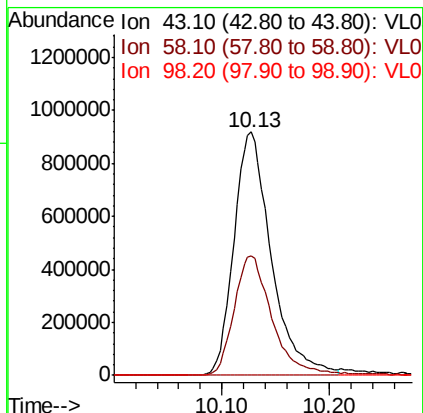
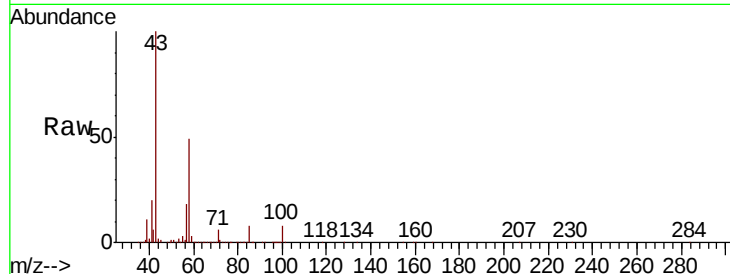
Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 12 Apr 2022 15:08

Tot Ion: 43 Resp: 2212483

Ion	Ratio	Lower	Upper
43	100		
58	50.9	41.4	62.0
98	0.2	0.1	0.1#



#52

Tetrachloroethene

Concen: 9.054 ppbv

RT: 11.22 min Scan# 2623

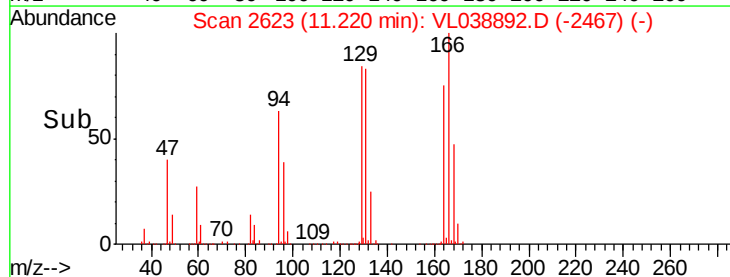
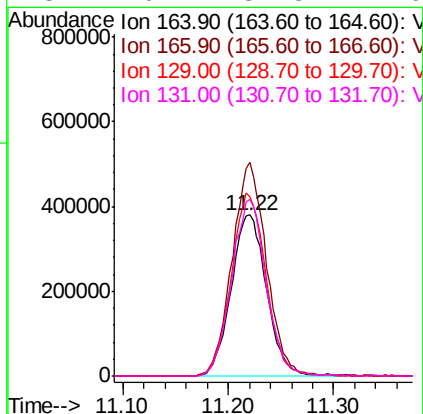
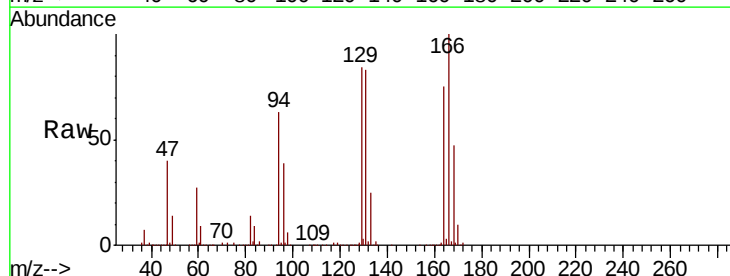
Delta R.T. 0.00 min

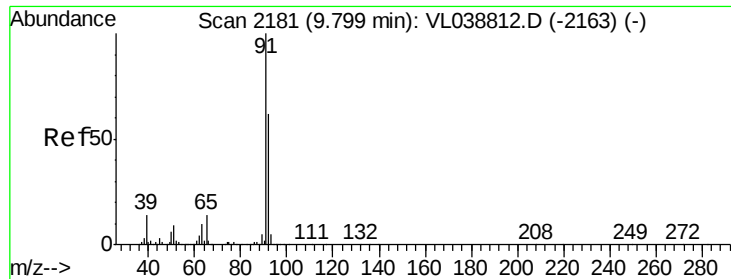
Lab File: VL038892.D

Acq: 12 Apr 2022 15:08

Tgt Ion: 164 Resp: 882185

Ion	Ratio	Lower	Upper
164	100		
166	132.8	101.0	151.6
129	111.2	88.7	133.1
131	110.1	81.8	122.6





#53

Toluene

Concen: 9.683 ppbv

RT: 9.80 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

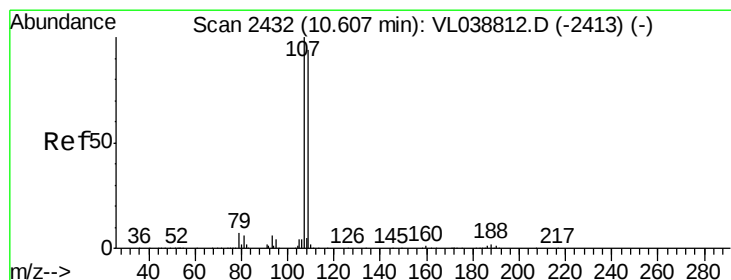
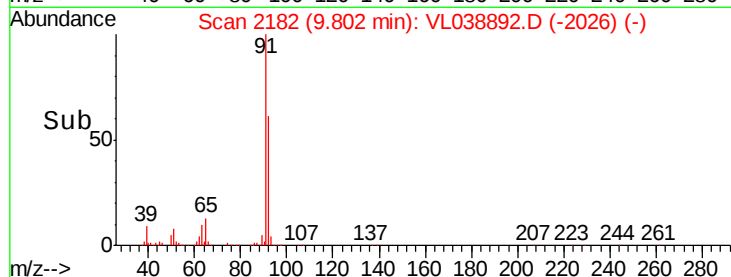
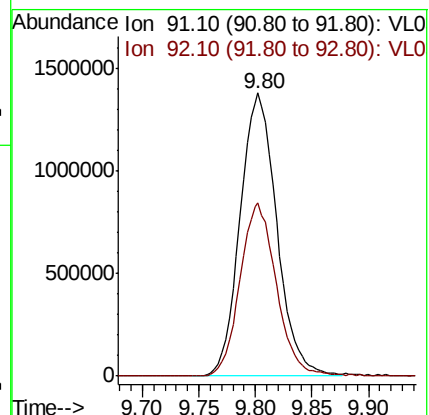
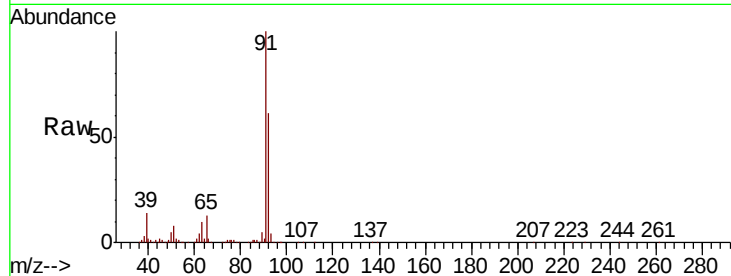
Acq: 12 Apr 2022 15:08 VL0412ABS01

Tot Ion: 91 Resp: 3117951

Ion Ratio Lower Upper

91 100

92 60.7 49.2 73.8



#54

1,2-Dibromoethane

Concen: 10.396 ppbv

RT: 10.61 min Scan# 2432

Delta R.T. -0.00 min

Lab File: VL038892.D

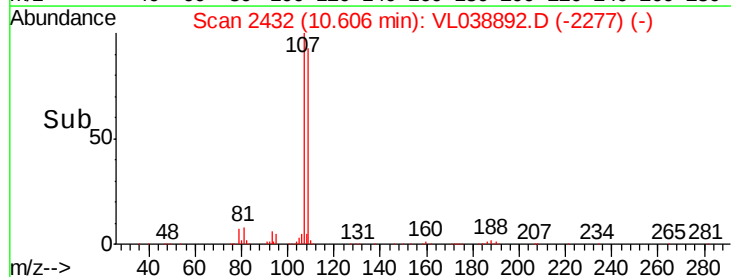
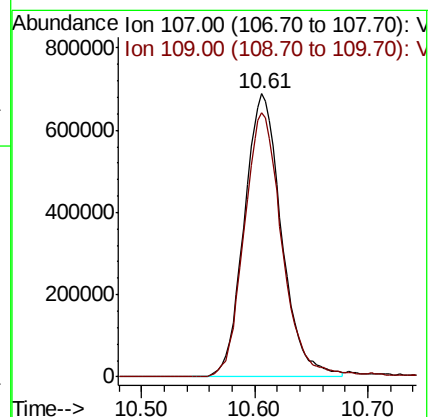
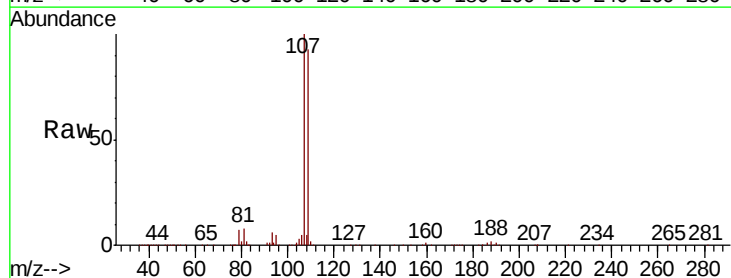
Acq: 12 Apr 2022 15:08

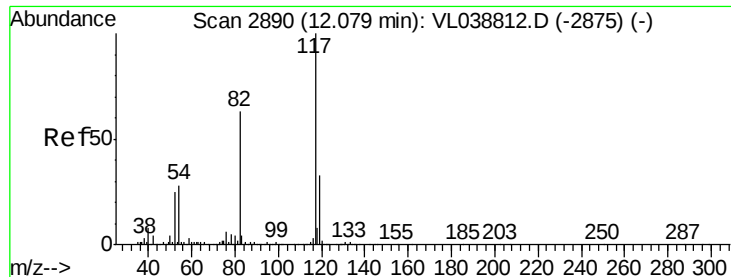
Tgt Ion: 107 Resp: 1578799

Ion Ratio Lower Upper

107 100

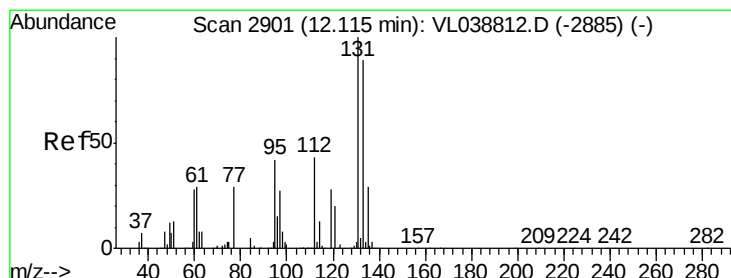
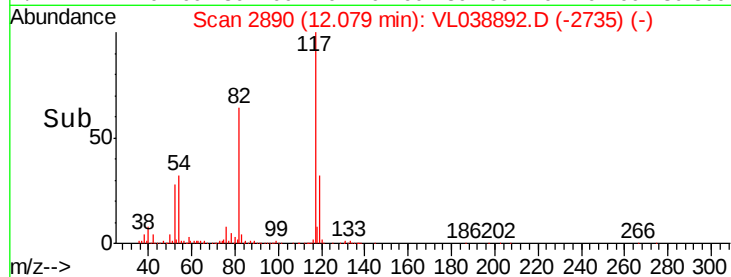
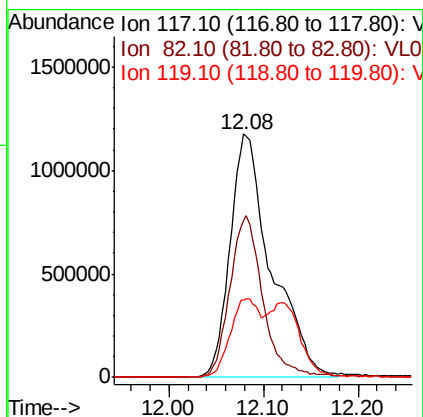
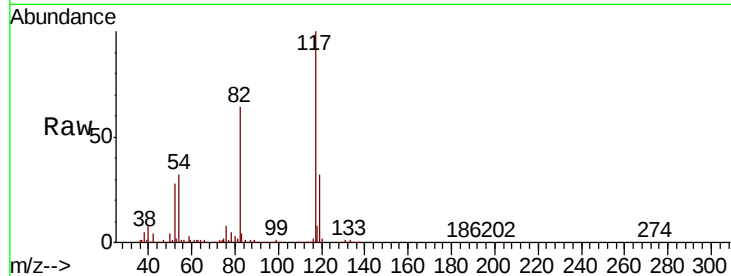
109 93.4 75.5 113.3





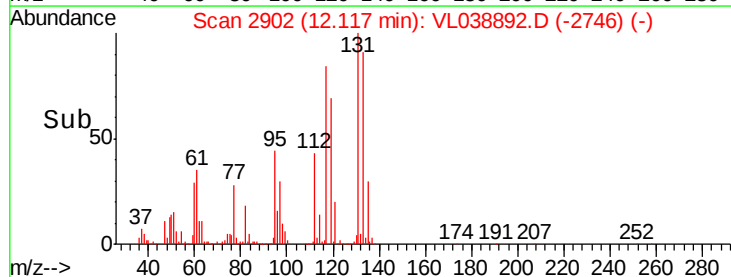
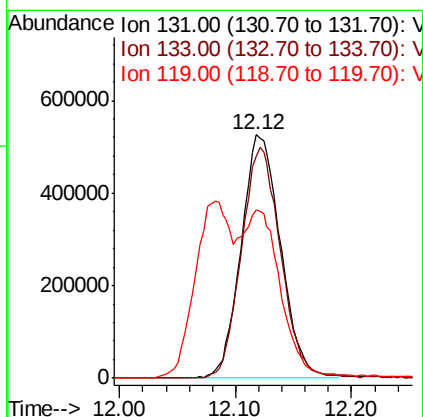
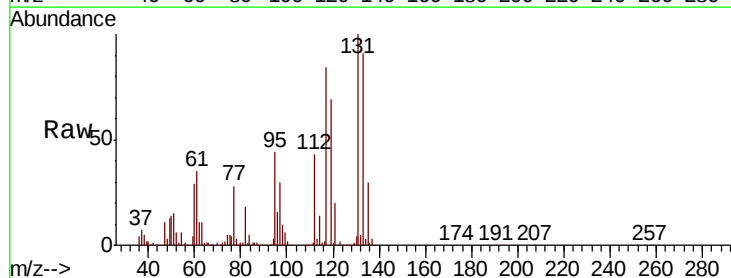
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.08 min
Instrument: MSVOA_1
Delta R.T.: 0.00 min
Lab File: VL0412ABS01
Acq: 12 Apr 2022 15:08

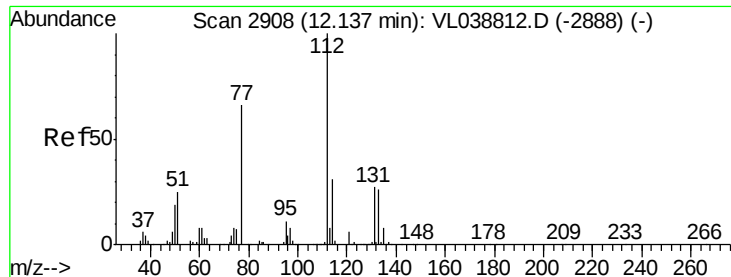
Tot Ion:117 Resp: 3560151
Ion Ratio Lower Upper
117 100
82 54.1 53.0 79.6
119 22.8 24.9 37.3#



#56
1,1,1,2-Tetrachloroethane
Concen: 7.952 ppbv
RT: 12.12 min Scan# 2902
Delta R.T.: 0.00 min
Lab File: VL038892.D
Acq: 12 Apr 2022 15:08

Tgt Ion:131 Resp: 1240692
Ion Ratio Lower Upper
131 100
133 95.5 78.2 117.4
119 72.8 58.6 87.8





#57

Chlorobenzene

Concen: 7.477 ppbv

RT: 12.14

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 12 Apr 2022 15:08

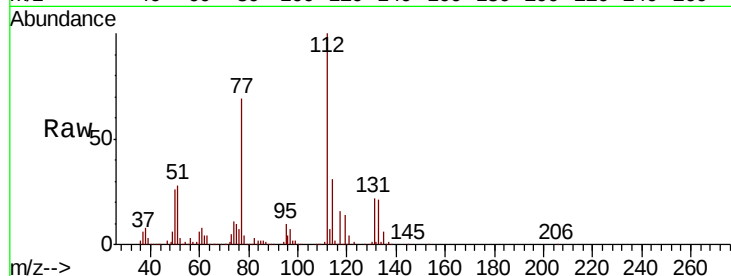
Tot Ion: 112 Resp: 2180129

Ion Ratio Lower Upper

112 100

77 67.8 52.4 78.6

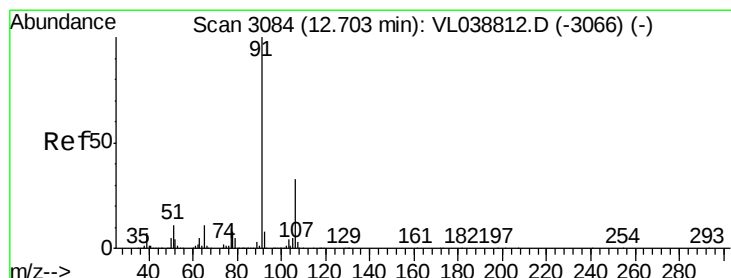
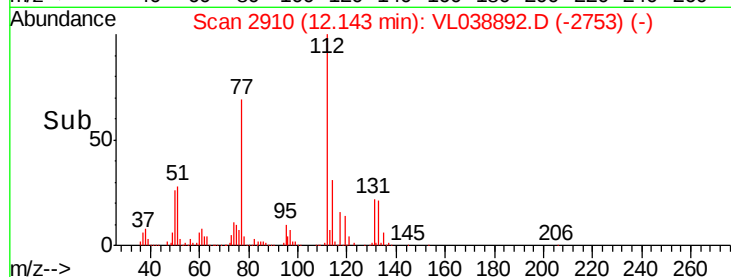
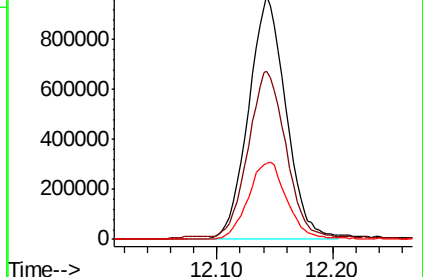
114 31.4 28.1 34.3



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: 7.833 ppbv

RT: 12.71 min Scan# 3085

Delta R.T. 0.00 min

Lab File: VL038892.D

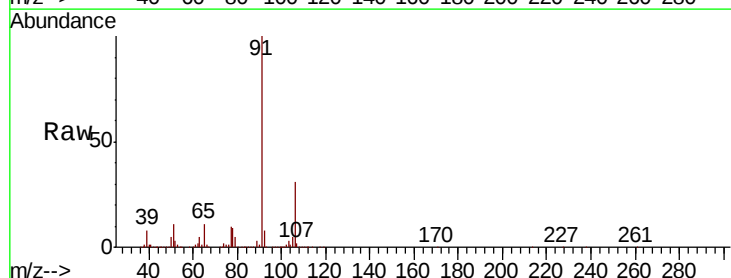
Acq: 12 Apr 2022 15:08

Tgt Ion: 91 Resp: 4167093

Ion Ratio Lower Upper

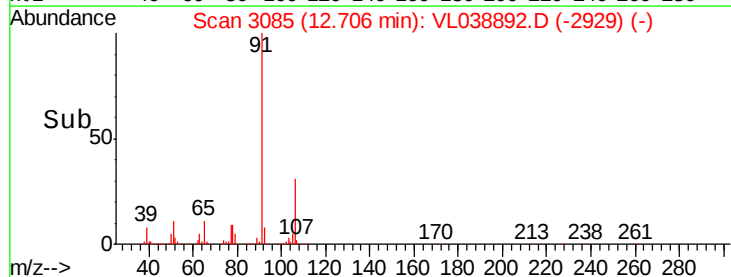
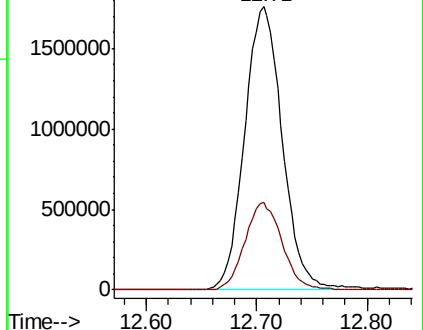
91 100

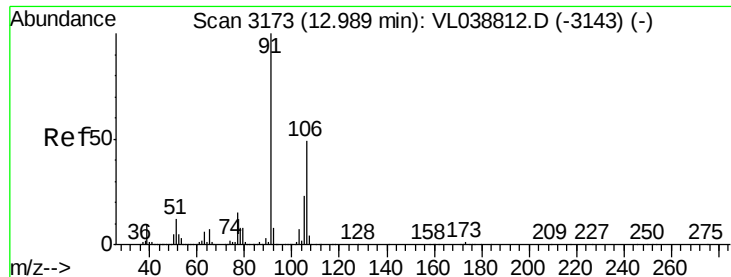
106 30.7 26.7 40.1



Abundance Ion 91.10 (90.80 to 91.80): VL0

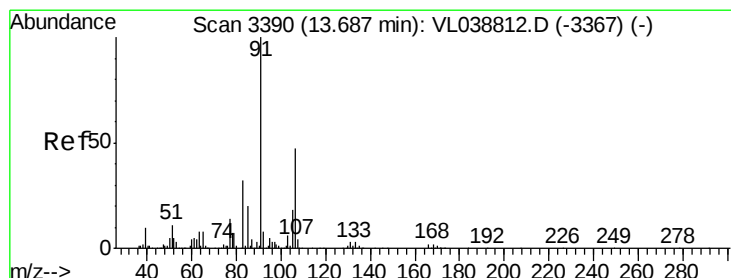
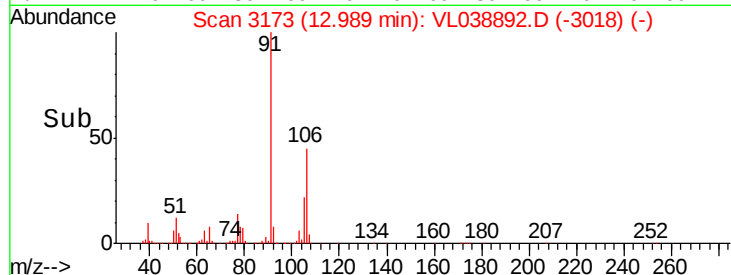
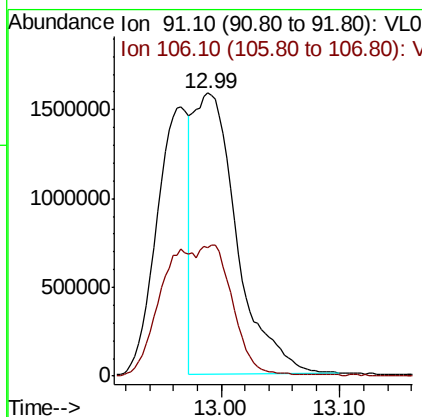
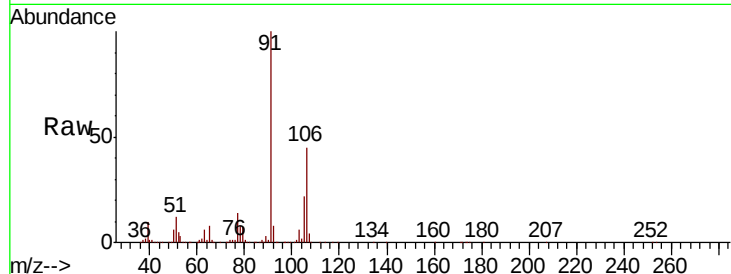
Ion 106.10 (105.80 to 106.80): V





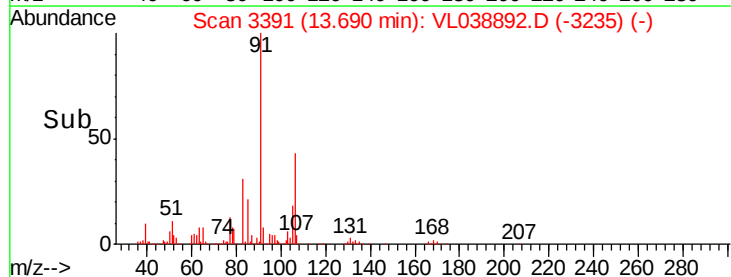
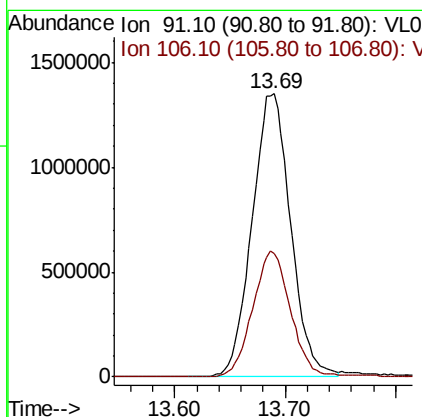
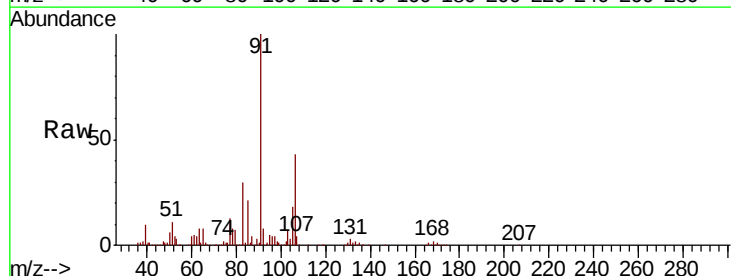
#59
m/p-Xylene
Concen: 9.014 ppbv
RT: 12.99 min
Delta R.T. 0.00 min
Lab File: VL0412ABS01
Acq: 12 Apr 2022 15:08

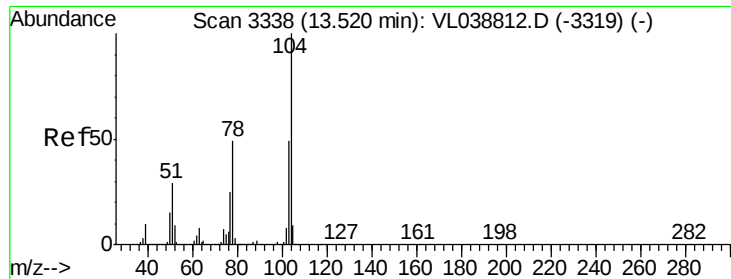
Tot Ion: 91 Resp: 4028745
Ion Ratio Lower Upper
91 100
106 74.7 37.1 55.7#



#60
o-Xylene
Concen: 7.825 ppbv
RT: 13.69 min Scan# 3391
Delta R.T. 0.00 min
Lab File: VL038892.D
Acq: 12 Apr 2022 15:08

Tgt Ion: 91 Resp: 3272529
Ion Ratio Lower Upper
91 100
106 44.4 23.8 71.4

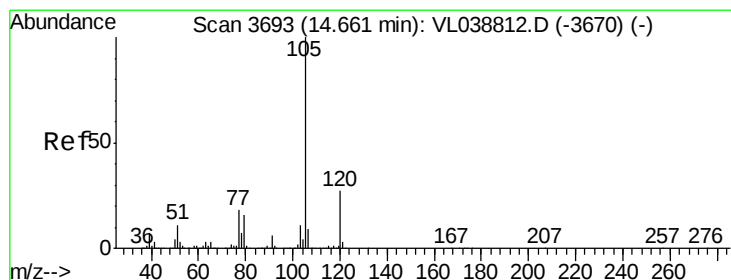
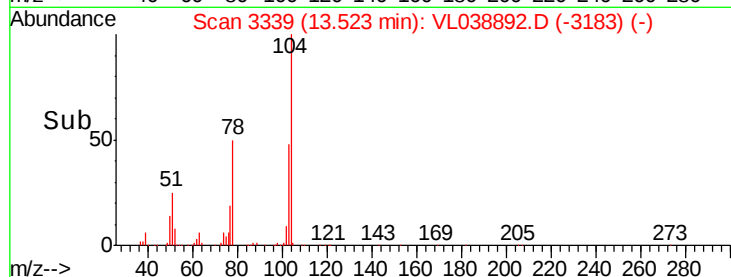
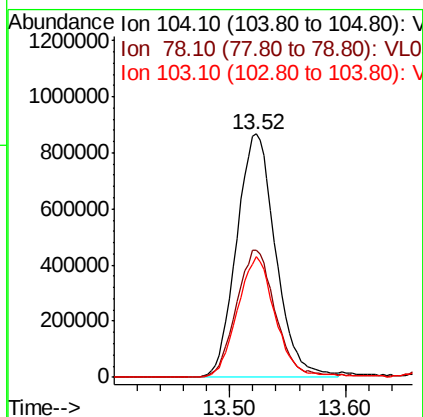
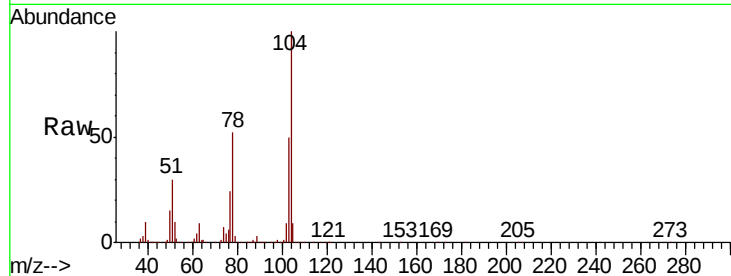




#61
Stvrene
Concen: 7.965 ppbv
RT: 13.52
Instrument: MSVOA_L
Delta R.T.:
Lab File: ClientSampleId : VL0412ABS01
Acq: 12 Apr 2022 15:08

Tot Ion:104 Resp: 2029340

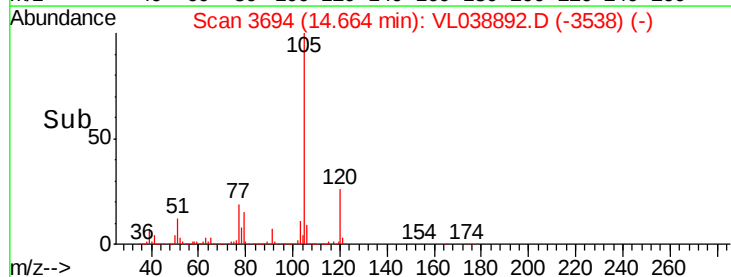
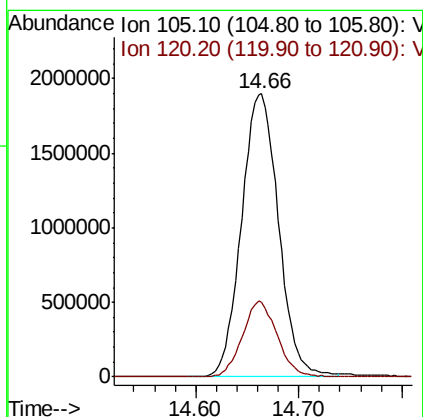
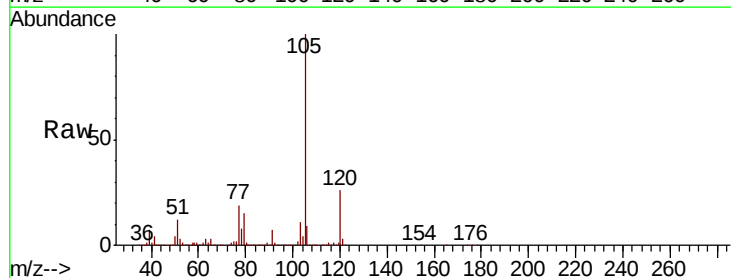
Ion	Ratio	Lower	Upper
104	100		
78	53.1	40.5	60.7
103	48.6	39.0	58.4

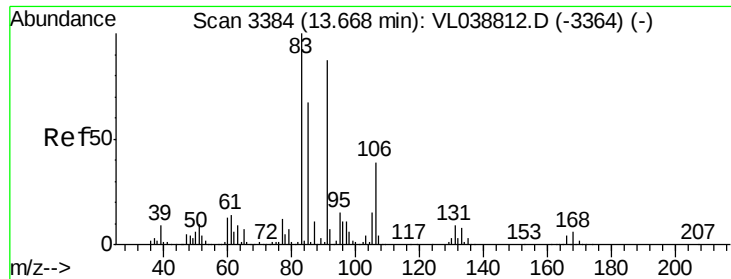


#62
Isopropylbenzene
Concen: 7.541 ppbv
RT: 14.66 min Scan# 3694
Delta R.T.: 0.00 min
Lab File: VL038892.D
Acq: 12 Apr 2022 15:08

Tgt Ion:105 Resp: 4733542

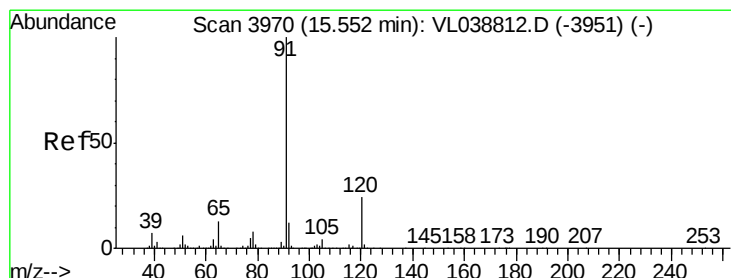
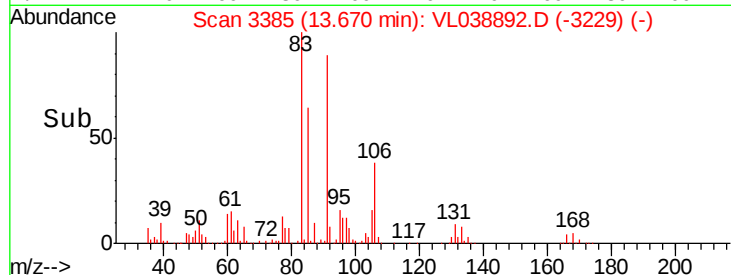
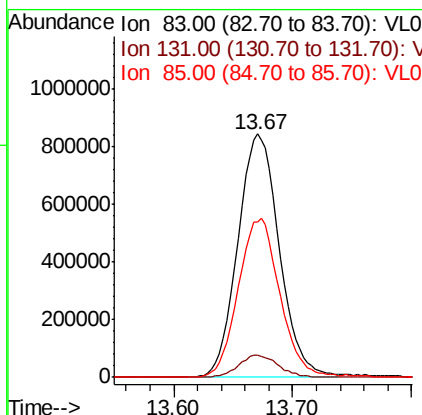
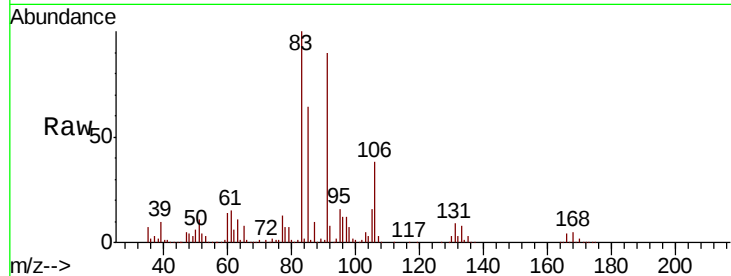
Ion	Ratio	Lower	Upper
105	100		
120	25.5	21.8	32.8





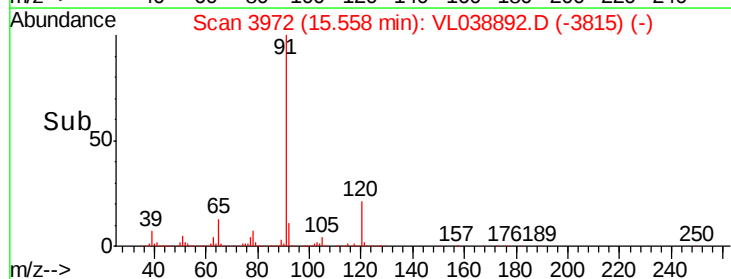
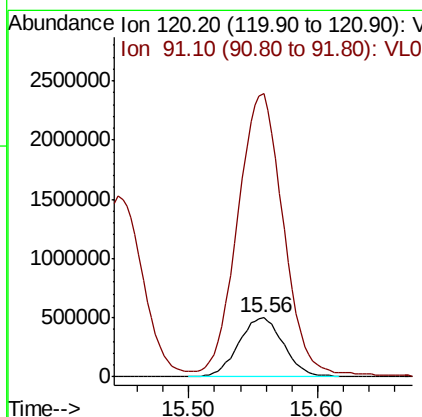
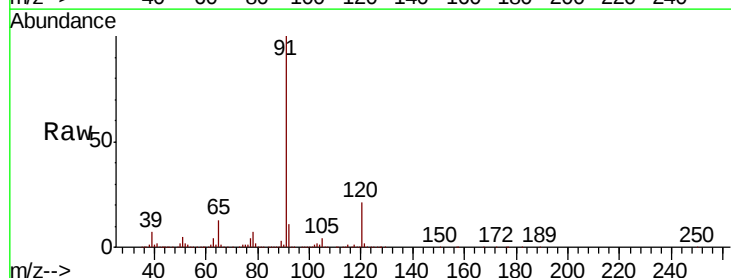
#63
 1,1,2,2-Tetrachloroethane
 Concen: 7.683 ppbv
 RT: 13.67 min
 Delta R.T. 0.01 min
 Lab File: VL0412ABS01
 Acq: 12 Apr 2022 15:08

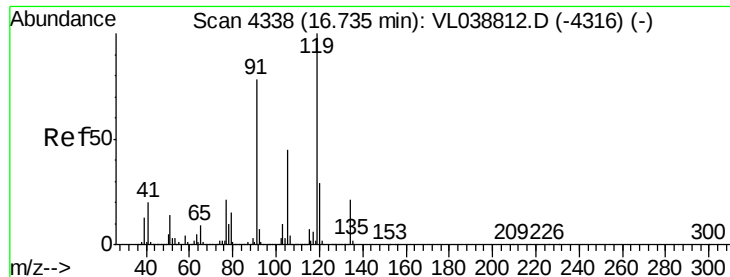
Tot Ion: 83 Resp: 2034984
 Ion Ratio Lower Upper
 83 100
 131 9.0 4.6 13.8
 85 66.5 33.0 99.0



#64
 n-propylbenzene
 Concen: 7.431 ppbv
 RT: 15.56 min Scan# 3972
 Delta R.T. 0.01 min
 Lab File: VL038892.D
 Acq: 12 Apr 2022 15:08

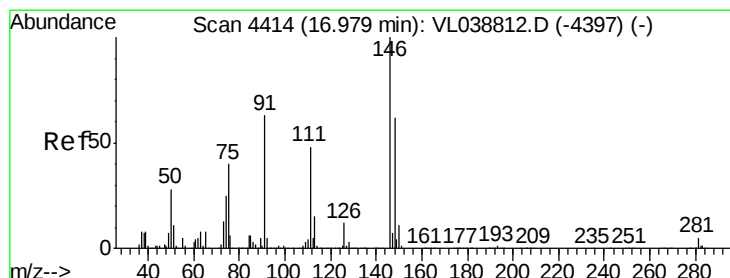
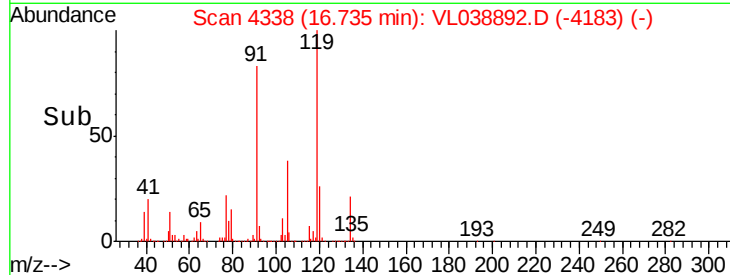
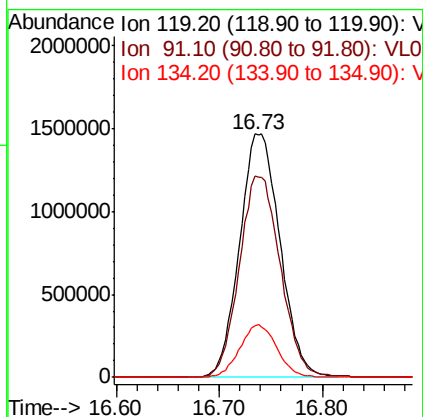
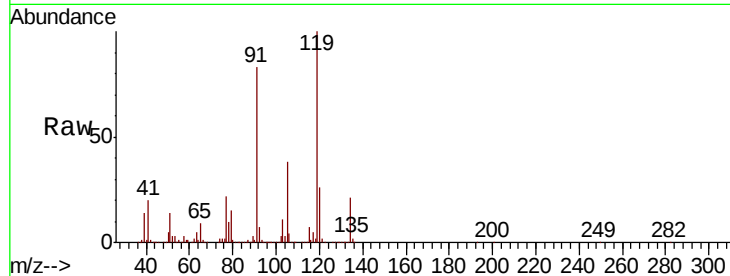
Tgt Ion: 120 Resp: 1211256
 Ion Ratio Lower Upper
 120 100
 91 491.8 360.6 540.8





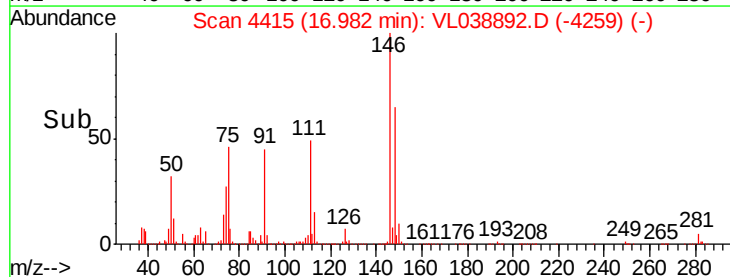
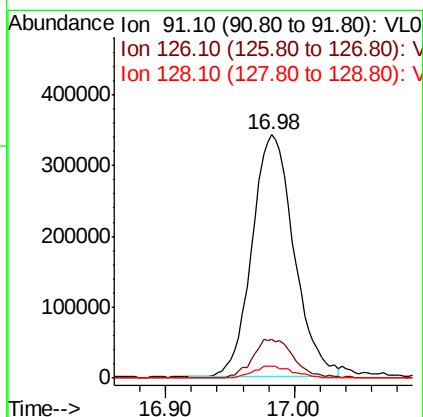
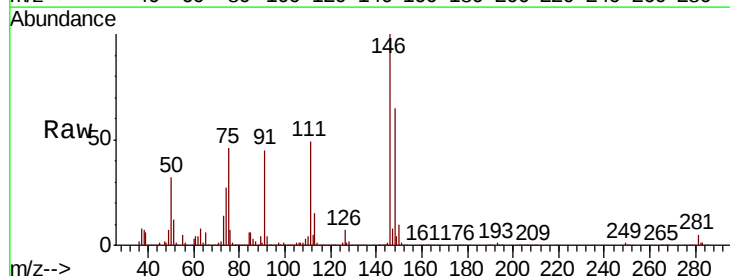
#65
 tert-Butylbenzene
 Concen: 7.179 ppbv
 RT: 16.73 min
 Instrument: MSVOA_1
 Delta R.T.: 0.00 min
 Lab File: VL0412ABS01
 ClientSampleId:
 Acq: 12 Apr 2022 15:08

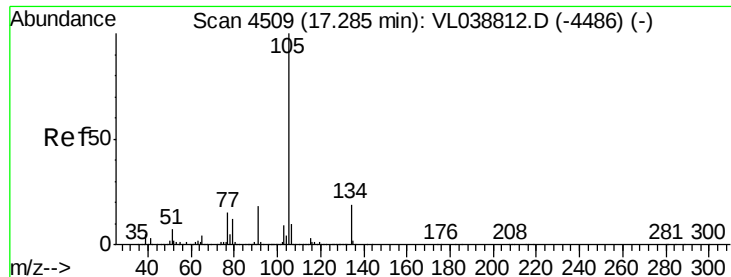
Tot Ion:	119	Resp:	3998176
Ion	Ratio	Lower	Upper
119	100		
91	84.1	62.8	94.2
134	19.9	16.2	24.4



#66
 Benzyl Chloride
 Concen: 6.825 ppbv
 RT: 16.98 min Scan# 4415
 Delta R.T.: 0.00 min
 Lab File: VL038892.D
 Acq: 12 Apr 2022 15:08

Tgt Ion:	91	Resp:	773831
Ion	Ratio	Lower	Upper
91	100		
126	16.1	15.4	23.0
128	5.1	4.7	7.1





#67

sec-Butylbenzene

Concen: 7.511 ppbv

RT: 17.29

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

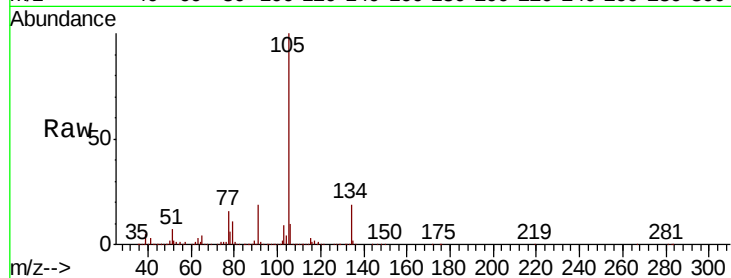
Acq: 12 Apr 2022 15:08

Tot Ion: 105 Resp: 5869991

Ion Ratio Lower Upper

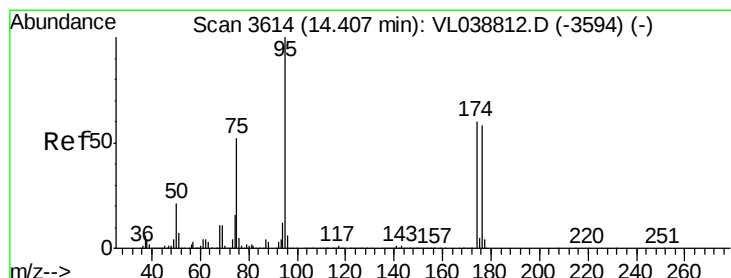
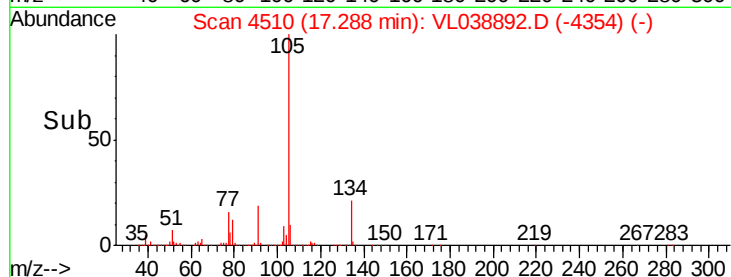
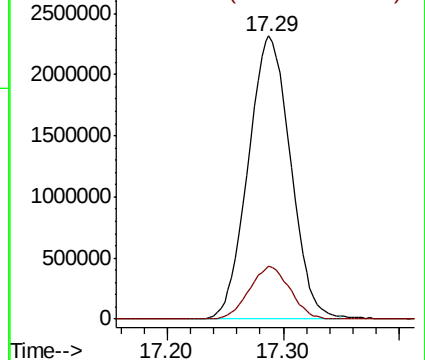
105 100

134 18.0 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: 8.245 ppbv

RT: 14.41 min Scan# 3616

Delta R.T. 0.01 min

Lab File: VL038892.D

Acq: 12 Apr 2022 15:08

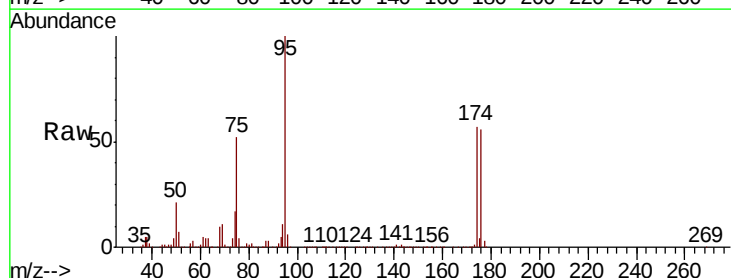
Tgt Ion: 95 Resp: 2226510

Ion Ratio Lower Upper

95 100

174 61.2 52.0 78.0

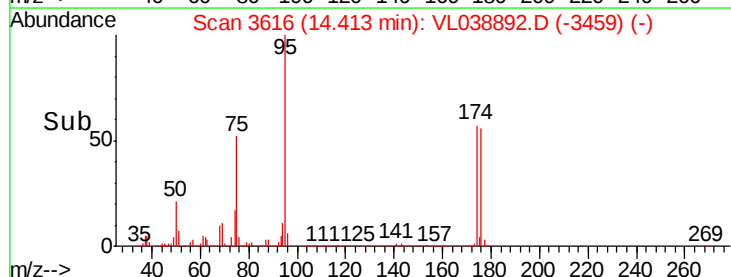
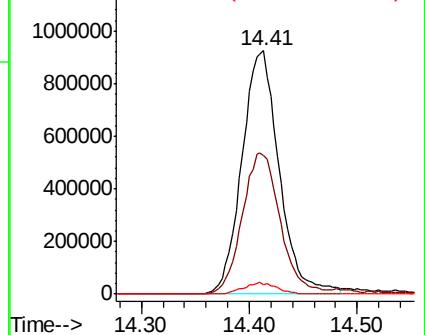
175 4.4 4.0 6.0

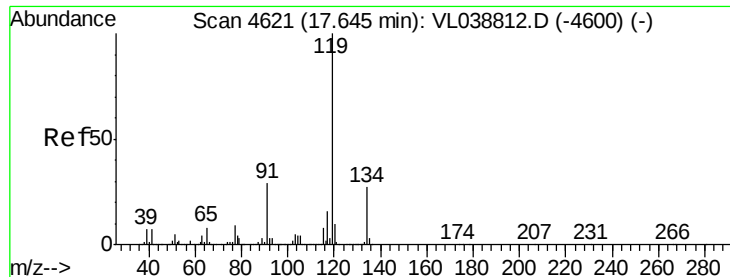


Abundance Ion 95.10 (94.80 to 95.80): VL0

Ion 174.00 (173.70 to 174.70): V

Ion 175.00 (174.70 to 175.70): V

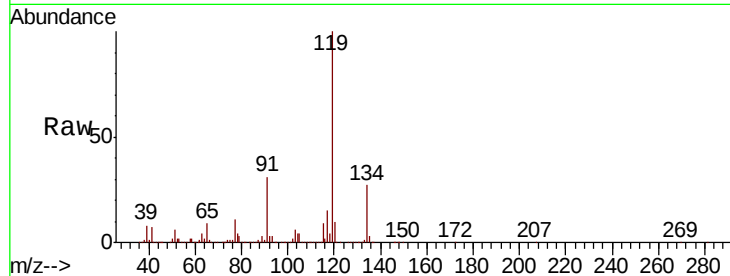




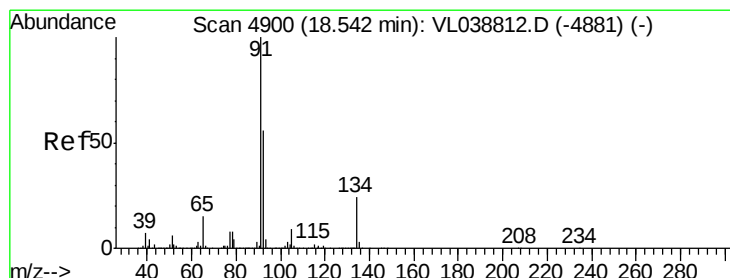
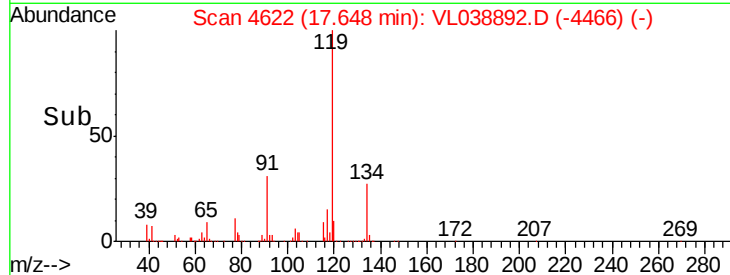
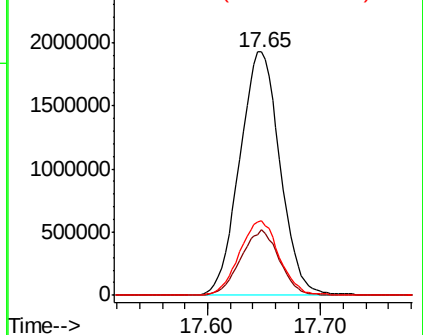
#69
 p-Isopropyltoluene
 Concen: 7.460 ppbv
 RT: 17.65
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId : VL0412ABS01
 Acq: 12 Apr 2022 15:08

Tot Ion: 119 Resp: 4786777

Ion	Ratio	Lower	Upper
119	100		
134	25.9	20.8	31.2
91	30.2	22.6	34.0



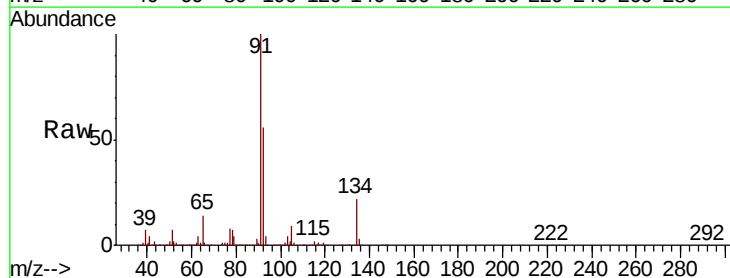
Abundance Ion 119.10 (118.80 to 119.80): V
 Ion 134.20 (133.90 to 134.90): V
 Ion 91.10 (90.80 to 91.80): V



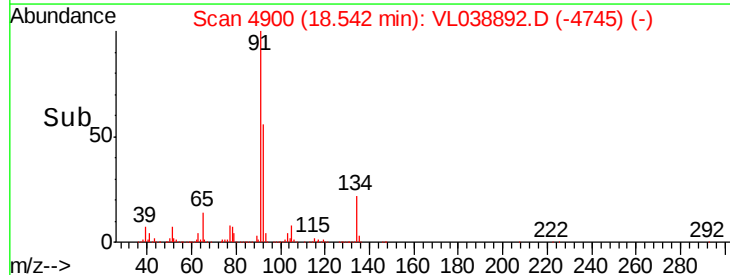
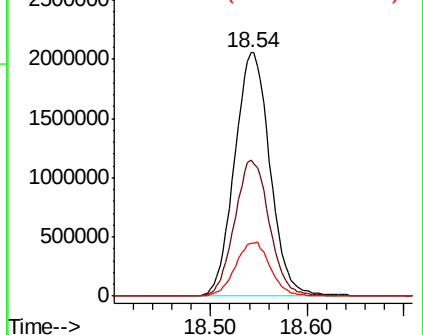
#70
 n-Butylbenzene
 Concen: 8.094 ppbv
 RT: 18.54 min Scan# 4900
 Delta R.T.: -0.00 min
 Lab File: VL038892.D
 Acq: 12 Apr 2022 15:08

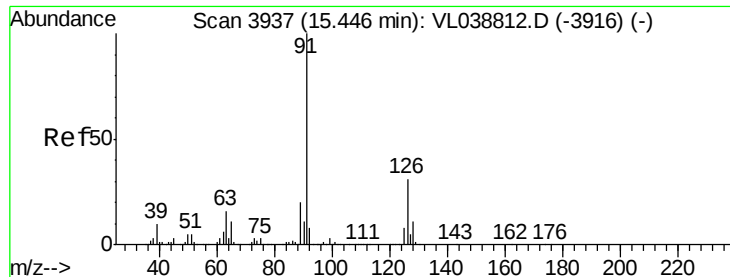
Tgt Ion: 91 Resp: 5232608

Ion	Ratio	Lower	Upper
91	100		
92	55.2	44.6	66.8
134	22.0	19.2	28.8



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: 7.838 ppbv

RT: 15.45

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

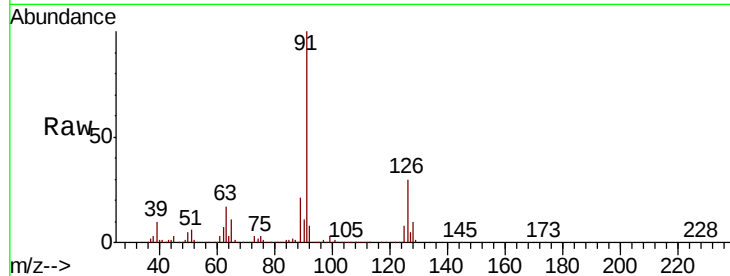
Acq: 12 Apr 2022 15:08

Tot Ion: 91 Resp: 3699882

Ion Ratio Lower Upper

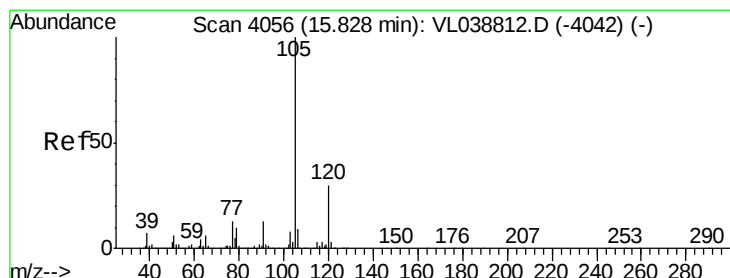
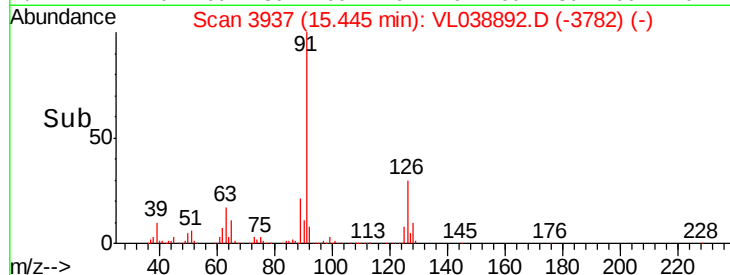
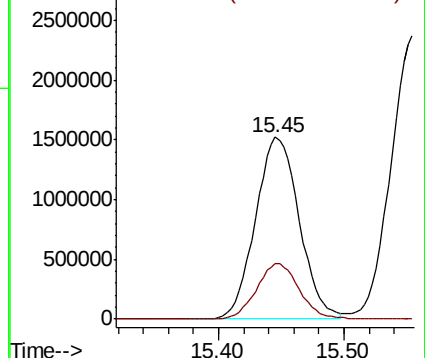
91 100

126 30.2 13.0 51.8



Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 126.10 (125.80 to 126.80): V



#72

4-Ethyltoluene

Concen: 7.877 ppbv

RT: 15.83 min Scan# 4058

Delta R.T. 0.01 min

Lab File: VL038892.D

Acq: 12 Apr 2022 15:08

Tgt Ion:105 Resp: 3933640

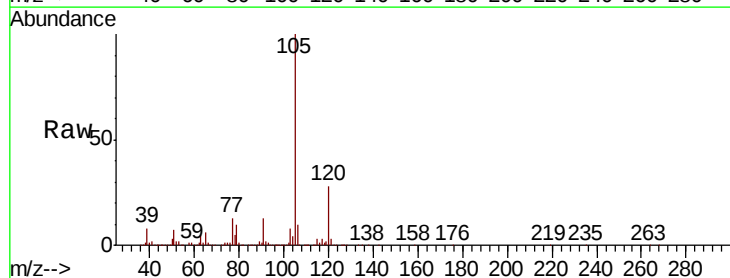
Ion Ratio Lower Upper

105 100

120 28.9 24.3 36.5

91 12.6 9.4 14.2

77 14.0 10.6 15.8

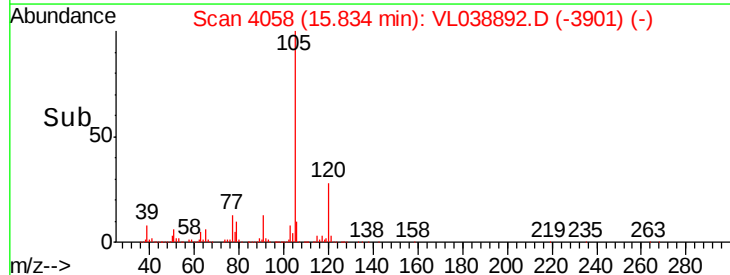
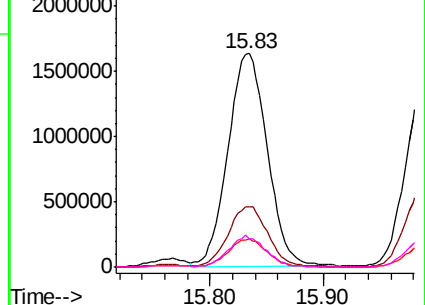


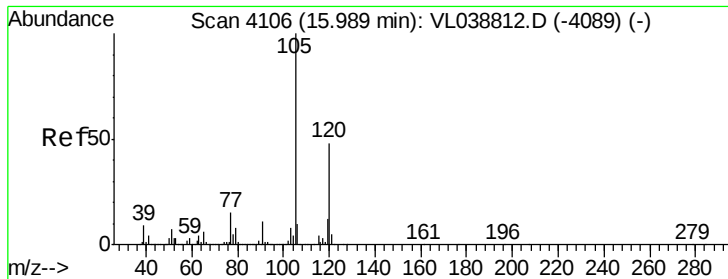
Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V

Ion 91.10 (90.80 to 91.80): VL0

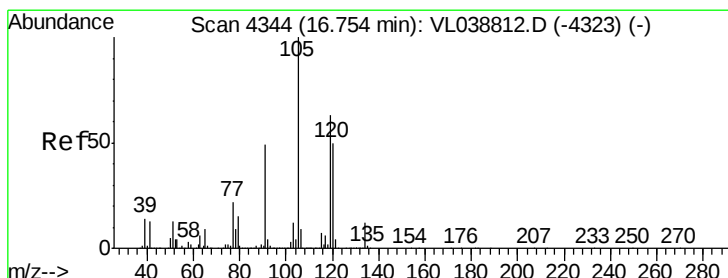
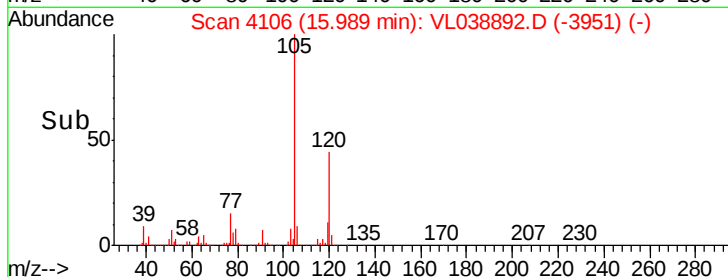
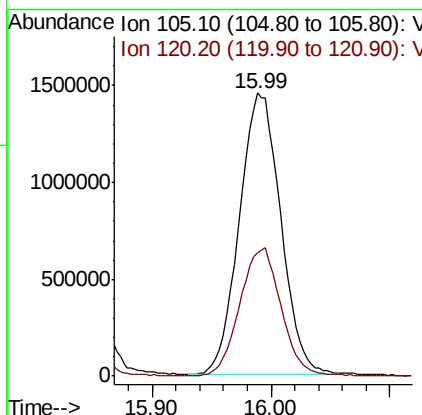
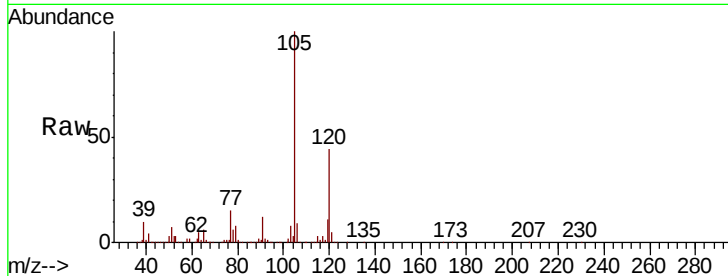
Ion 77.10 (76.80 to 77.80): VL0





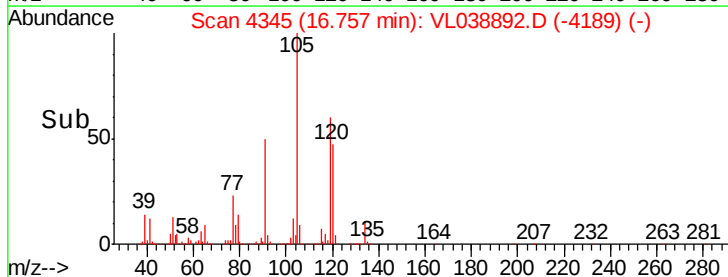
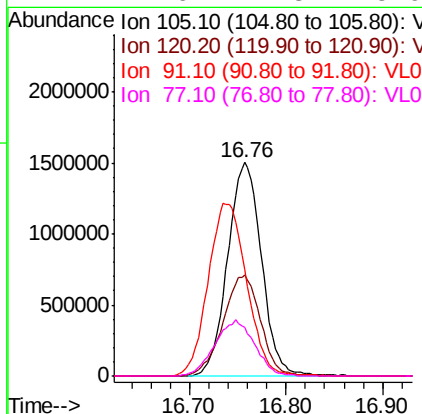
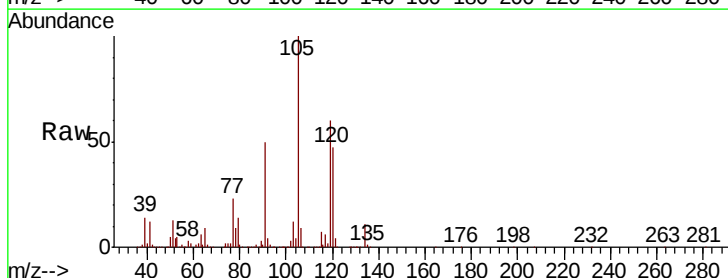
#73
 1,3,5-Trimethylbenzene
 Concen: 7.807 ppbv
 RT: 15.99 min
 Delta R.T. 0.00 min
 Lab File: VL0412ABS01
 Acq: 12 Apr 2022 15:08

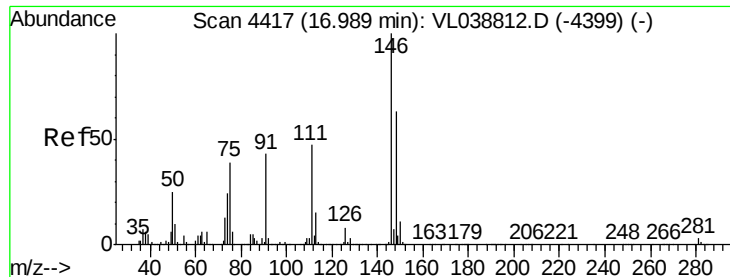
Tot Ion:105 Resp: 3502488
 Ion Ratio Lower Upper
 105 100
 120 43.6 38.7 58.1



#74
 1,2,4-Trimethylbenzene
 Concen: 7.681 ppbv
 RT: 16.76 min Scan# 4345
 Delta R.T. 0.00 min
 Lab File: VL038892.D
 Acq: 12 Apr 2022 15:08

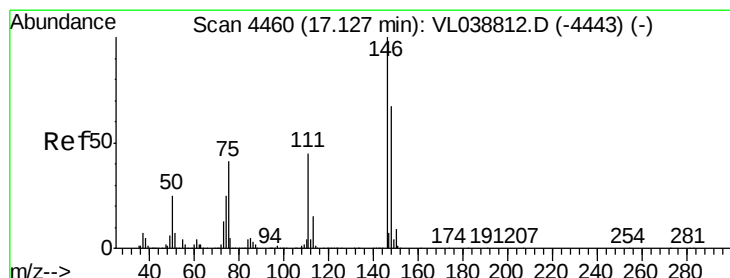
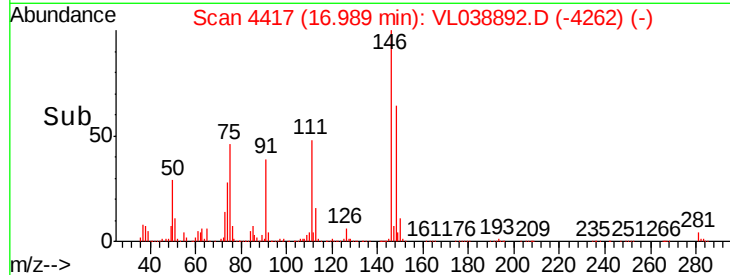
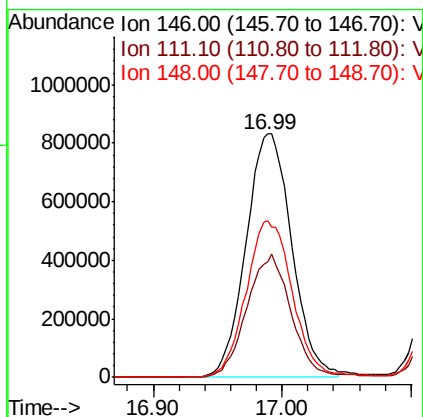
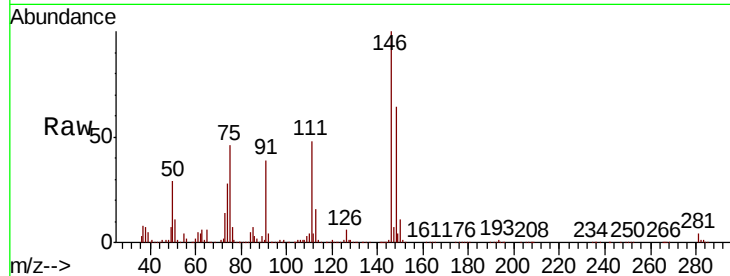
Tgt Ion:105 Resp: 3642596
 Ion Ratio Lower Upper
 105 100
 120 47.0 39.8 59.8
 91 49.6 39.4 59.0
 77 22.6 17.3 25.9





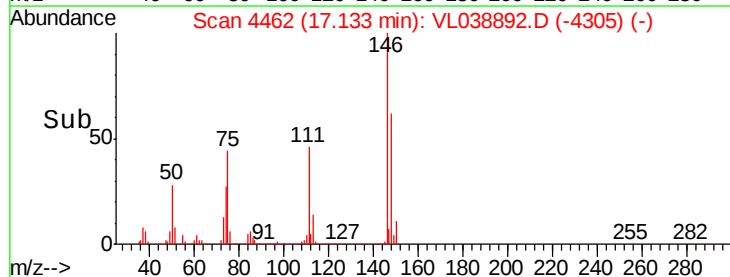
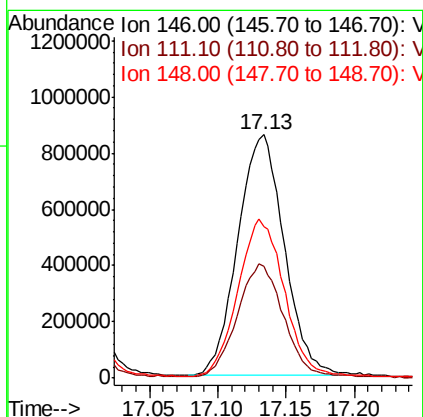
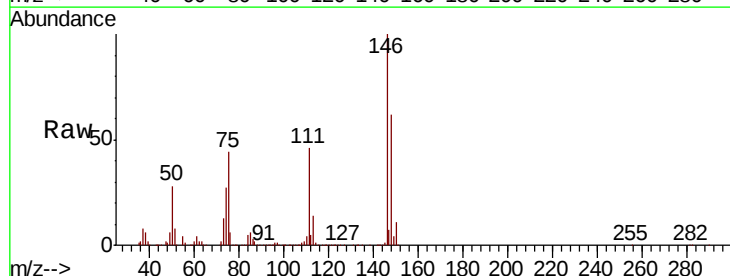
#75
 1,3-Dichlorobenzene
 Concen: 7.467 ppbv
 RT: 16.99 min
 Delta R.T. 0.01 min
 Lab File: VL0412ABS01
 Acq: 12 Apr 2022 15:08

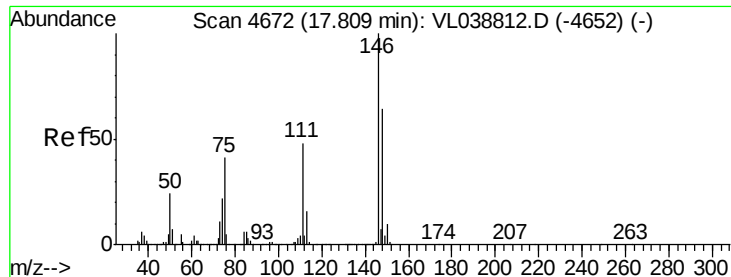
Tot Ion:146 Resp: 2056135
 Ion Ratio Lower Upper
 146 100
 111 48.9 23.8 71.2
 148 65.4 31.8 95.4



#76
 1,4-Dichlorobenzene
 Concen: 7.444 ppbv
 RT: 17.13 min Scan# 4462
 Delta R.T. 0.01 min
 Lab File: VL038892.D
 Acq: 12 Apr 2022 15:08

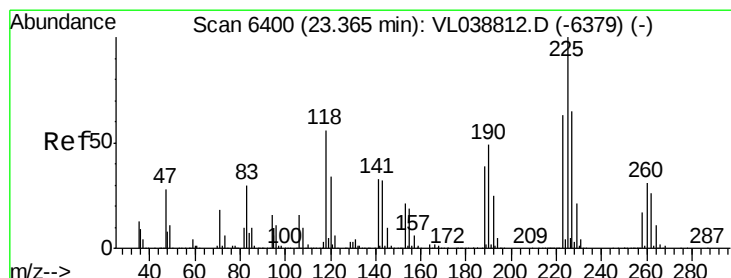
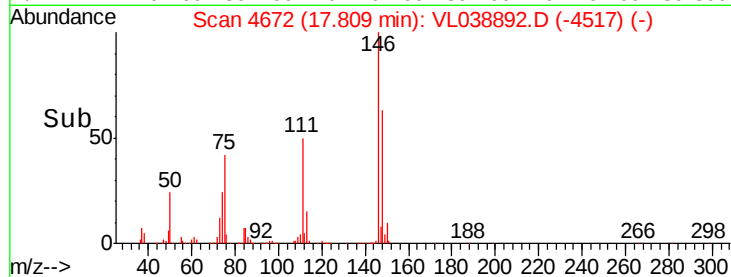
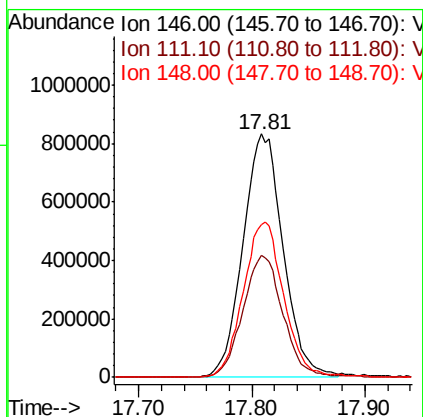
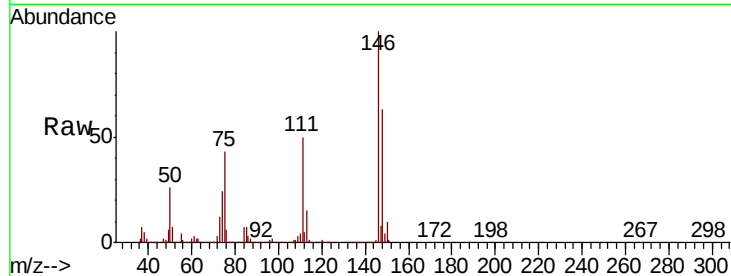
Tgt Ion:146 Resp: 2019176
 Ion Ratio Lower Upper
 146 100
 111 48.5 23.6 70.8
 148 67.7 33.6 100.6





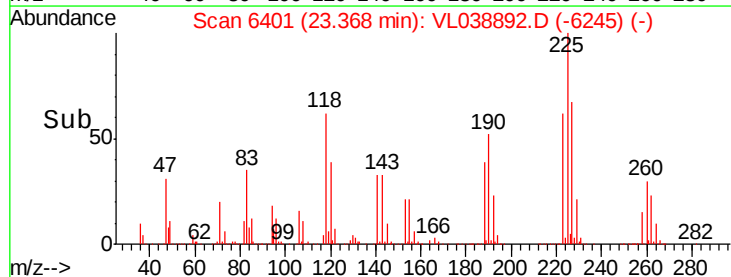
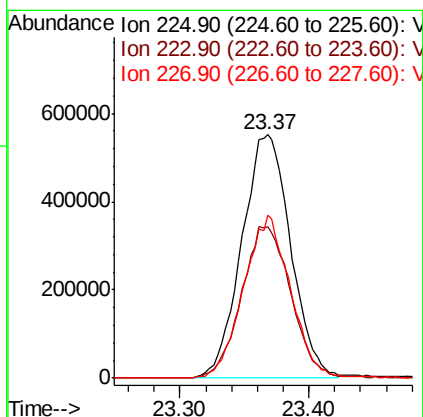
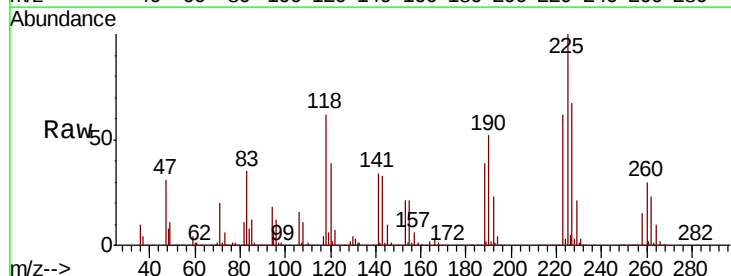
#77
 1,2-Dichlorobenzene
 Concen: 7.549 ppbv
 RT: 17.81 min
 Delta R.T. 0.00 min
 Lab File: VL0412ABS01
 Acq: 12 Apr 2022 15:08

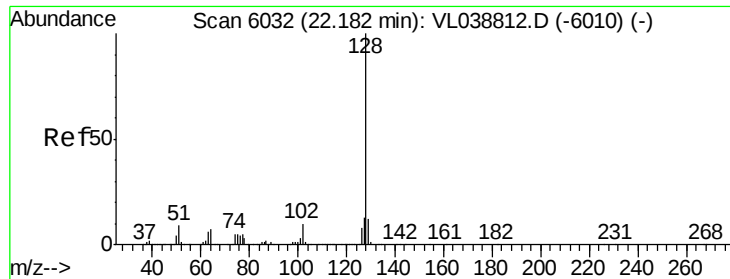
Tot Ion:146 Resp: 2048947
 Ion Ratio Lower Upper
 146 100
 111 50.1 24.8 74.3
 148 64.9 31.9 95.7



#78
 Hexachloro-1,3-Butadiene
 Concen: 6.766 ppbv
 RT: 23.37 min Scan# 6401
 Delta R.T. 0.00 min
 Lab File: VL038892.D
 Acq: 12 Apr 2022 15:08

Tgt Ion:225 Resp: 1451087
 Ion Ratio Lower Upper
 225 100
 223 63.4 51.6 77.4
 227 64.2 52.3 78.5





#79

Naphthalene

Concen: 8.580 ppbv

RT: 22.18 min

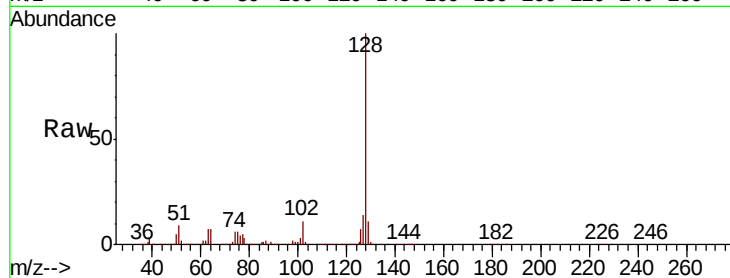
Delta R.T. 0.00 min

Lab File: VL0412ABS01

Acq: 12 Apr 2022 15:08

Tot Ion:128 Resp: 3043762

Ion	Ratio	Lower	Upper
128	100		
127	13.6	10.6	15.8
129	11.2	9.4	14.0

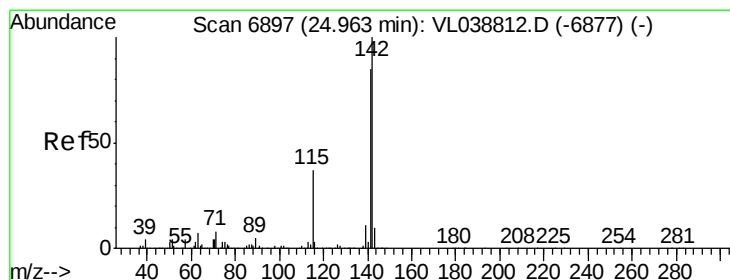
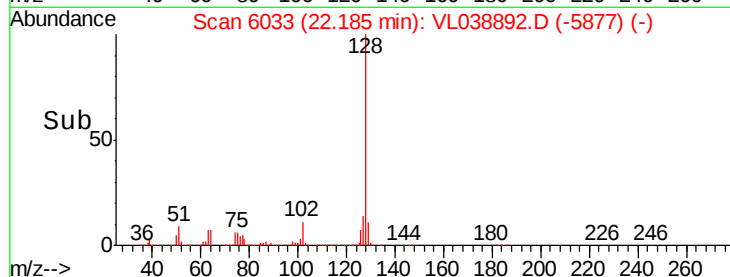
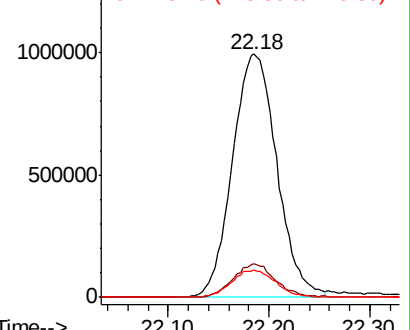


Abundance

Ion 128.10 (127.80 to 128.80): V

Ion 127.10 (126.80 to 127.80): V

Ion 129.10 (128.80 to 129.80): V



#80

Naphthalene, 2-methyl-

Concen: 9.383 ppbv

RT: 24.97 min Scan# 6898

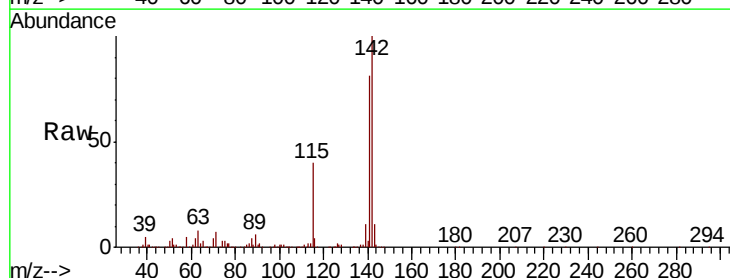
Delta R.T. 0.00 min

Lab File: VL038892.D

Acq: 12 Apr 2022 15:08

Tgt Ion:142 Resp: 820264

Ion	Ratio	Lower	Upper
142	100		
141	82.6	68.8	103.2
115	41.0	31.6	47.4

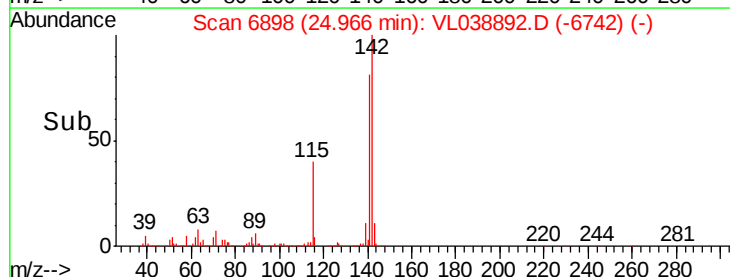
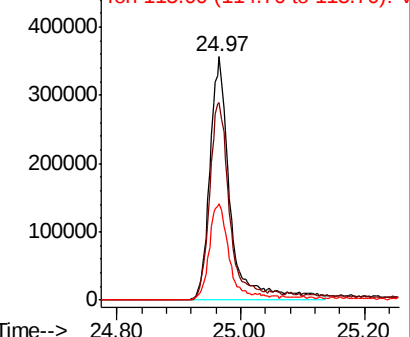


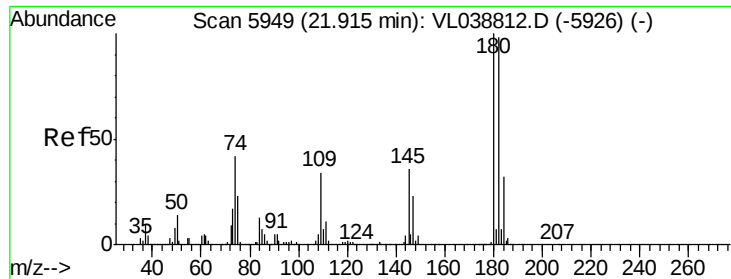
Abundance

Ion 142.00 (141.70 to 142.70): V

Ion 141.00 (140.70 to 141.70): V

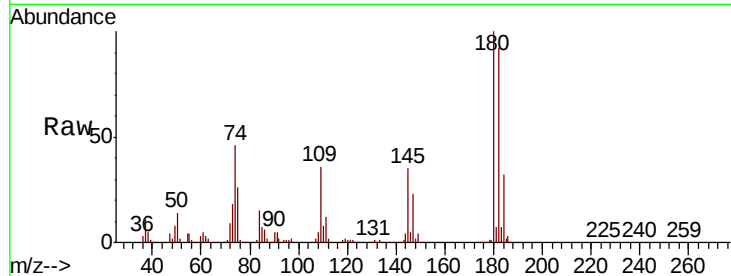
Ion 115.00 (114.70 to 115.70): V





#81
 1,2,4-Trichlorobenzene
 Concen: 7.944 ppbv
 RT: 21.91
 Delta R.T: MSVOA_L
 Lab File: ClientSampleId :
 VL0412ABS01
 Acq: 12 Apr 2022 15:08

Tot Ion:180 Resp: 1649281
 Ion Ratio Lower Upper
 180 100
 182 96.2 79.4 119.0
 184 31.3 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

