

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL040722\
 Data File : VL038834.D
 Acq On : 7 Apr 2022 9:40
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA L
 ClientSampleId :
 VSTDCCC010

Quant Time: Apr 08 05:21:11 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	1306622	10.00	ppbv	0.01
33) 1,4-Difluorobenzene	7.19	114	3579342	10.00	ppbv	0.01
55) Chlorobenzene-d5	12.09	117	4192342	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.42	95	2530566	7.96	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	79.60%

Target Compounds

	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.06	85	1974081	10.652	ppbv	98
3) Chlorodifluoromethane	3.00	51	1593029	9.990	ppbv	100
4) Chloromethane	3.15	50	809053	9.798	ppbv	95
5) Vinyl Chloride	3.27	62	733963	9.620	ppbv	97
6) Bromomethane	3.48	94	369542	10.011	ppbv	94
7) Chloroethane	3.57	64	254777	10.014	ppbv	95
8) Dichlorotetrafluoroethane	3.20	85	1764747	10.193	ppbv	96
9) Propene	3.02	41	833551	9.880	ppbv	99
10) Heptane	8.13	43	2093314	9.850	ppbv	99
11) Trichlorofluoromethane	3.96	101	1537408	10.323	ppbv	99
12) 1,1,2-Trichlorotrifluoroet	4.50	101	1217611	10.673	ppbv	96
13) Ethanol	3.61	45	28317	5.523	ppbv #	100
14) Bromoethene	3.75	108	516436	10.294	ppbv	94
15) Acetone	3.86	43	1231848	9.469	ppbv	99
16) 1,3-Butadiene	3.34	39	733261	9.860	ppbv	99
17) tert-Butyl alcohol	4.29	59	1177664	10.095	ppbv	99
18) 1,1-Dichloroethene	4.30	96	539951	10.383	ppbv	96
19) Isopropyl Alcohol	3.97	45	693801	10.435	ppbv #	100
20) Methylene Chloride	4.36	84	428150	9.075	ppbv	91
21) Allyl Chloride	4.42	41	967994	9.938	ppbv	99
22) trans-1,2-Dichloroethene	4.89	96	582130	11.056	ppbv	95
23) Vinyl Acetate	5.08	43	1378287	10.880	ppbv #	98
24) 1,1-Dichloroethane	5.02	63	1196081	10.448	ppbv	99
25) Ethyl Acetate	5.68	43	3320517	10.060	ppbv	99
26) Hexane	5.70	57	1467965	9.771	ppbv	98
27) Carbon Disulfide	4.56	76	1498767	10.878	ppbv	99
28) Methyl tert-Butyl Ether	5.04	73	1151374	9.922	ppbv	100
29) Chloroform	5.76	83	2184682	10.393	ppbv	97
30) Cyclohexane	7.14	84	1289411	9.738	ppbv	99
31) cis-1,2-Dichloroethene	5.56	61	1367156	9.897	ppbv	98
32) 1,1,1-Trichloroethane	6.52	97	2186436	10.323	ppbv	99
34) 2-Butanone	5.25	43	1436071	10.153	ppbv	100
35) Carbon Tetrachloride	7.03	117	2228023	10.383	ppbv	98
36) Benzene	6.90	78	3224049	9.901	ppbv	98
37) 1,2-Dichloroethane	6.31	62	1595296	10.716	ppbv	98
38) Trichloroethene	7.84	130	1241386	9.291	ppbv	94
39) 1,2-Dichloropropane	7.62	63	1251765	10.051	ppbv	100
40) 1,4-Dioxane	7.83	88	386806	9.146	ppbv #	1
41) Tetrahydrofuran	6.05	42	1345150	10.014	ppbv	99
42) Bromodichloromethane	7.80	83	2463951	10.481	ppbv	99
43) Methyl Methacrylate	8.02	69	1302440	10.443	ppbv	99

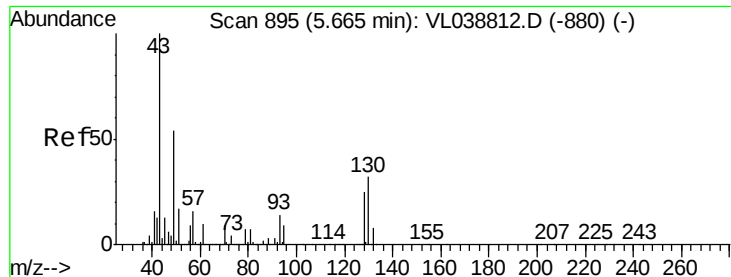
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,2,4-Trimethylpentane	7.88	57	5294692	9.604	ppbv	99
45) t-1,3-Dichloropropene	9.29	75	1394449	10.693	ppbv	99
46) cis-1,3-Dichloropropene	8.71	75	1765062	10.266	ppbv	100
47) 1,1,2-Trichloroethane	9.48	97	1279387	10.025	ppbv	98
48) Dibromochloromethane	10.31	129	2069981	10.349	ppbv	98
49) Bromoform	13.05	173	1640132	10.353	ppbv	98
50) 4-Methyl-2-Pentanone	8.74	43	3299449	10.371	ppbv	99
51) 2-Hexanone	10.14	43	2520579	10.515	ppbv #	99
52) Tetrachloroethene	11.23	164	1060109	9.321	ppbv	99
53) Toluene	9.81	91	3703701	9.853	ppbv	100
54) 1,2-Dibromoethane	10.62	107	1841630	10.389	ppbv	99
56) 1,1,1,2-Tetrachloroethane	12.13	131	1435301	7.812	ppbv	94
57) Chlorobenzene	12.15	112	2611712	7.606	ppbv	98
58) Ethyl Benzene	12.72	91	4872802	7.778	ppbv	96
59) m/p-Xylene	13.00	91	4286704	8.145	ppbv #	42
60) o-Xylene	13.70	91	3757396	7.629	ppbv	97
61) Styrene	13.53	104	2406580	8.021	ppbv	99
62) Isopropylbenzene	14.67	105	5539447	7.494	ppbv	98
63) 1,1,2,2-Tetrachloroethane	13.68	83	2418283	7.753	ppbv	100
64) n-propylbenzene	15.56	120	1477521	7.698	ppbv	93
65) tert-Butylbenzene	16.75	119	4736282	7.222	ppbv	97
66) Benzyl Chloride	16.99	91	870946	6.523	ppbv	96
67) sec-Butylbenzene	17.30	105	6831575	7.423	ppbv	99
69) p-Isopropyltoluene	17.65	119	5732202	7.586	ppbv	99
70) n-Butylbenzene	18.55	91	6094697	8.006	ppbv	99
71) 2-Chlorotoluene	15.46	91	4332370	7.794	ppbv	97
72) 4-Ethyltoluene	15.84	105	4619539	7.855	ppbv	99
73) 1,3,5-Trimethylbenzene	16.00	105	4149264	7.854	ppbv	100
74) 1,2,4-Trimethylbenzene	16.77	105	4237669	7.588	ppbv	98
75) 1,3-Dichlorobenzene	17.00	146	2479215	7.646	ppbv	100
76) 1,4-Dichlorobenzene	17.14	146	2416168	7.565	ppbv	99
77) 1,2-Dichlorobenzene	17.82	146	2406003	7.527	ppbv	99
78) Hexachloro-1,3-Butadiene	23.38	225	1661113	6.578	ppbv	98
79) Naphthalene	22.19	128	3451485	8.262	ppbv	99
80) Naphthalene, 2-methyl-	24.97	142	845054	8.209	ppbv	98
81) 1,2,4-Trichlorobenzene	21.92	180	1889676	7.729	ppbv	97

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



#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.68 Instrument: MSVOA_1

Delta R.T. 0.01 min

Lab File: ClientSampleId: VSTDCCC010

Acq: 7 Apr 2022 9:40

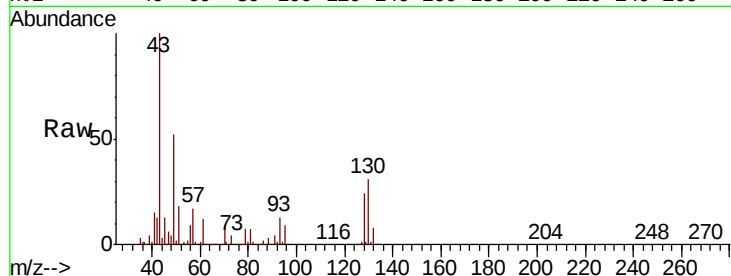
Tot Ion: 49 Resp: 1306622

Ion	Ratio	Lower	Upper
49	100		
128	48.2	24.1	72.3
130	61.4	30.9	92.8

49 100

128 48.2 24.1 72.3

130 61.4 30.9 92.8



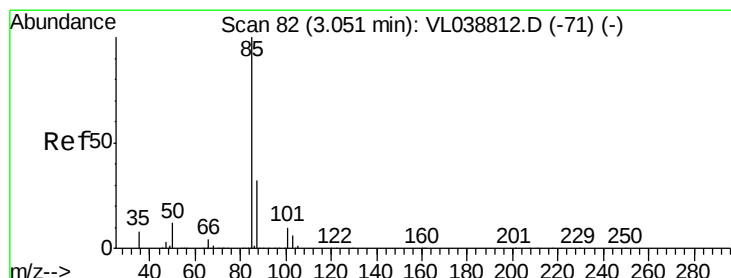
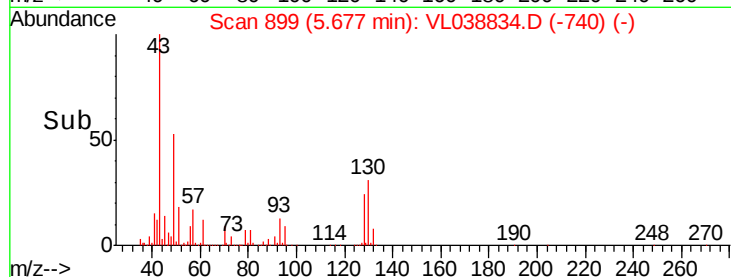
Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): VL0

Ion 130.00 (129.70 to 130.70): VL0

5.68

Time-->



#2

Dichlorodifluoromethane

Concen: 10.652 ppbv

RT: 3.06 min Scan# 85

Delta R.T. 0.01 min

Lab File: VL038834.D

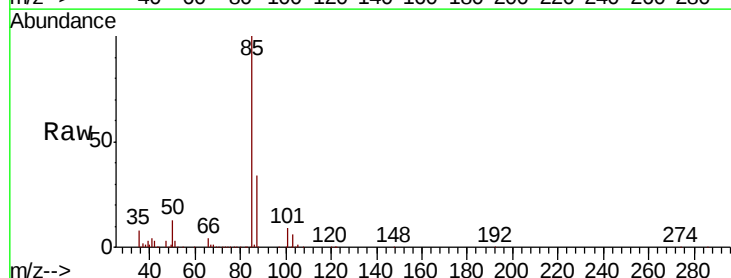
Acq: 7 Apr 2022 9:40

Tgt Ion: 85 Resp: 1974081

Ion	Ratio	Lower	Upper
85	100		
87	33.6	25.9	38.9

85 100

87 33.6 25.9 38.9

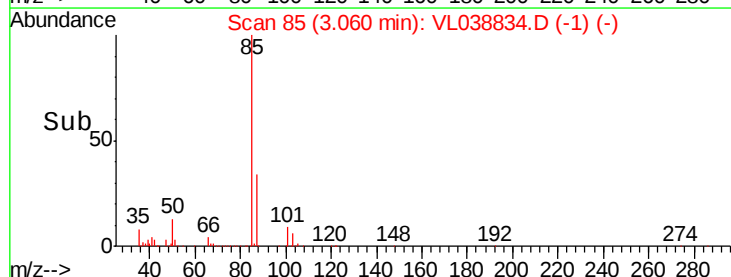


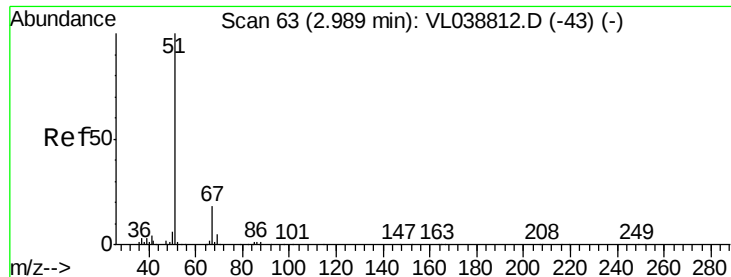
Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0

3.06

Time-->





#3

Chlorodifluoromethane

Concen: 9.990 ppbv

RT: 3.00 Instrument:

Delta R.T. MSVOA.L

Lab File: ClientSampleId:

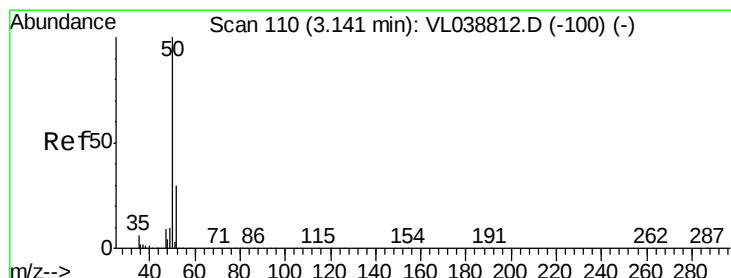
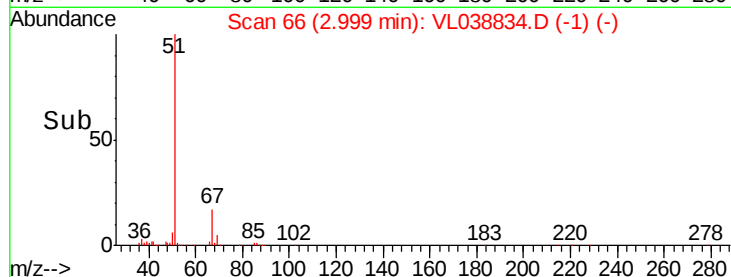
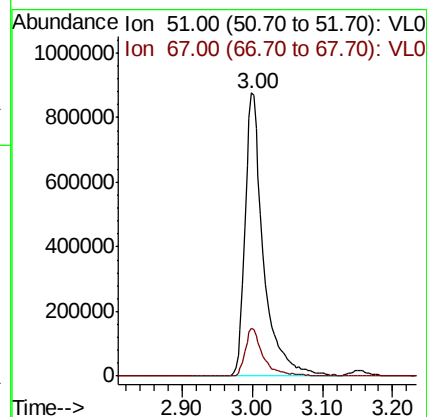
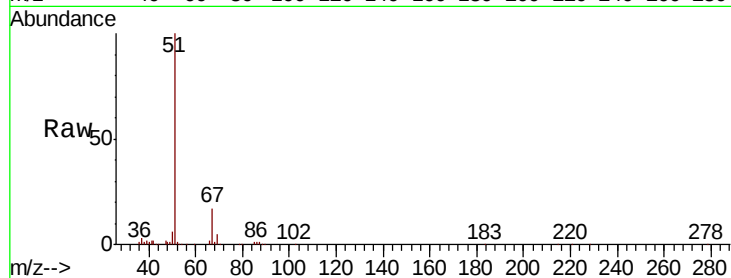
Acq: 7 Apr 2022 9:40

Tot Ion: 51 Resp: 1593029

Ion Ratio Lower Upper

51 100

67 16.8 13.4 20.0



#4

Chloromethane

Concen: 9.798 ppbv

RT: 3.15 min Scan# 114

Delta R.T. 0.01 min

Lab File: VL038834.D

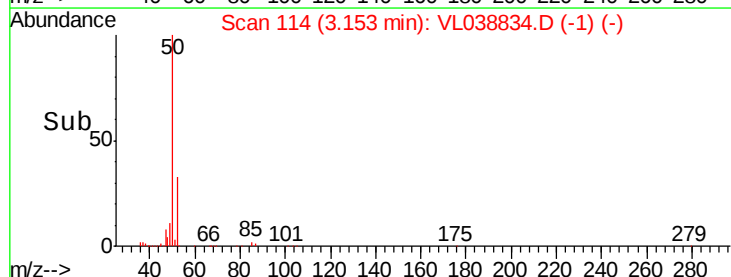
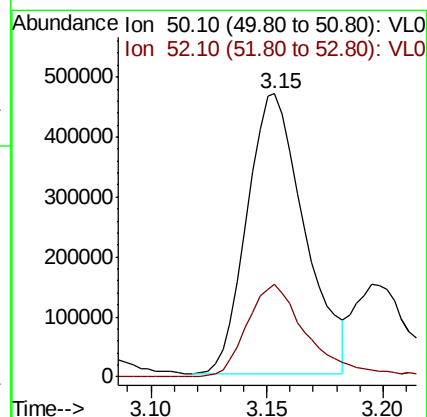
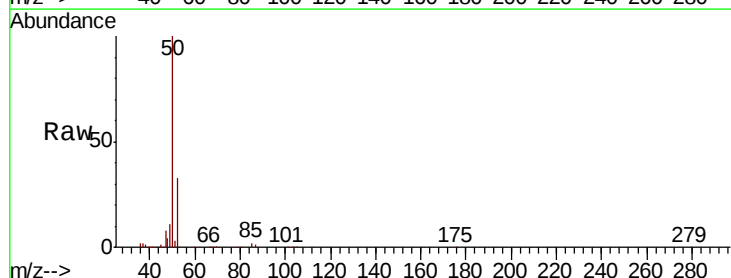
Acq: 7 Apr 2022 9:40

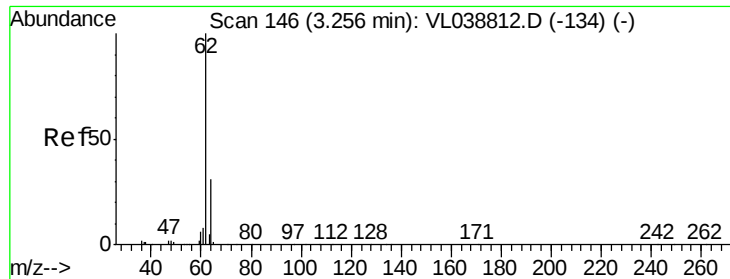
Tgt Ion: 50 Resp: 809053

Ion Ratio Lower Upper

50 100

52 33.1 24.3 36.5





#5

Vinyl Chloride

Concen: 9.620 ppbv

RT: 3.27 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

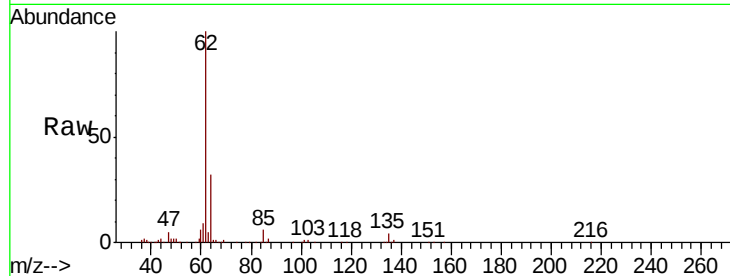
Acq: 7 Apr 2022 9:40

Tot Ion: 62 Resp: 733963

Ion Ratio Lower Upper

62 100

64 32.3 24.6 37.0



Abundance Ion 62.10 (61.80 to 62.80): VL0

Ion 64.10 (63.80 to 64.80): VL0

3.27

400000

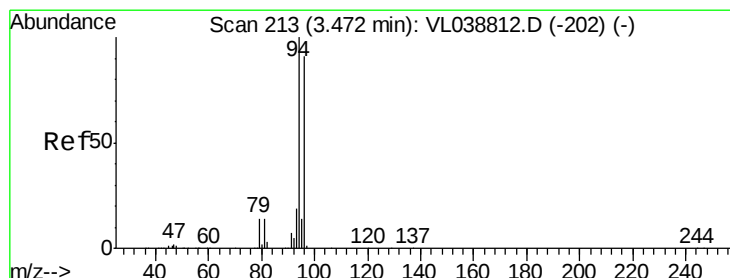
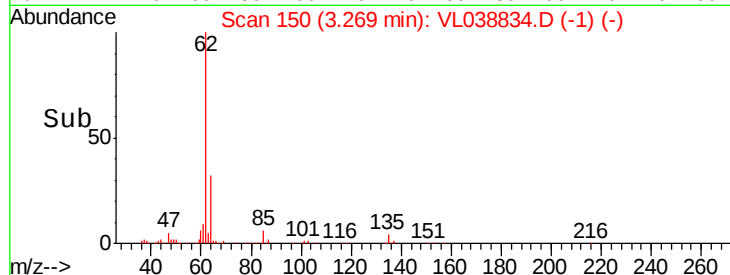
300000

200000

100000

0

Time-->



#6

Bromomethane

Concen: 10.011 ppbv

RT: 3.48 min Scan# 217

Delta R.T. 0.01 min

Lab File: VL038834.D

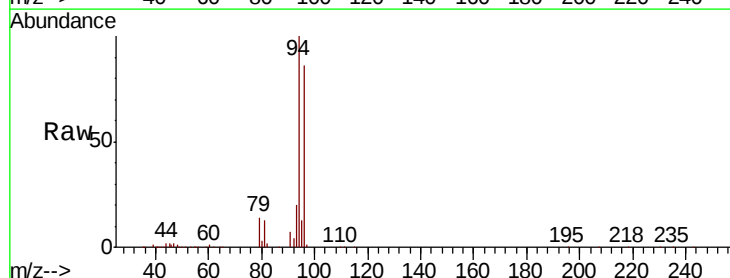
Acq: 7 Apr 2022 9:40

Tgt Ion: 94 Resp: 369542

Ion Ratio Lower Upper

94 100

96 86.1 73.2 109.8



Abundance Ion 94.00 (93.70 to 94.70): VL0

Ion 96.00 (95.70 to 96.70): VL0

250000

200000

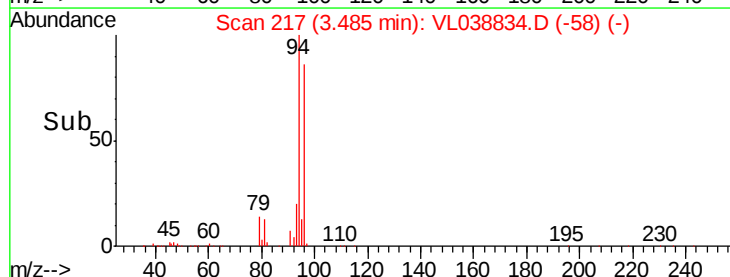
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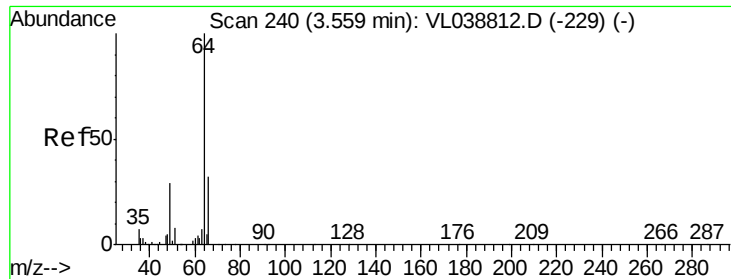
100000

50000

0

Time-->





#7

Chloroethane

Concen: 10.014 ppbv

RT: 3.57 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

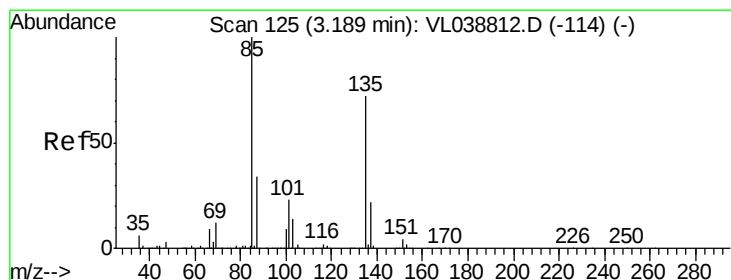
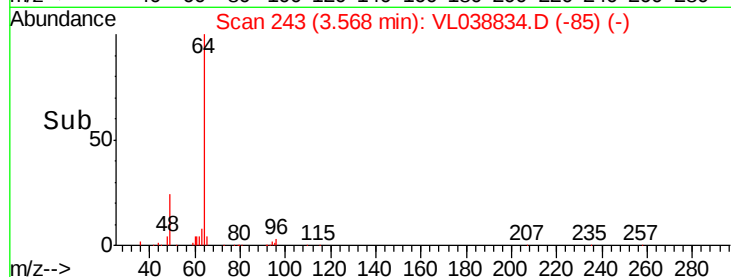
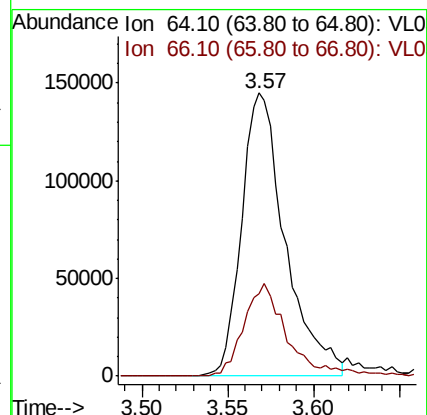
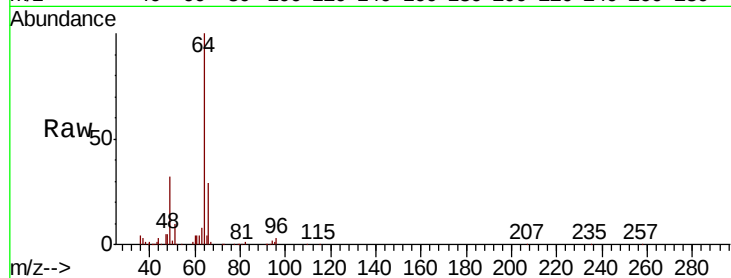
Acq: 7 Apr 2022 9:40 VSTDCCC010

Tot Ion: 64 Resp: 254777

Ion Ratio Lower Upper

64 100

66 29.0 25.4 38.2



#8

Dichlorotetrafluoroethane

Concen: 10.193 ppbv

RT: 3.20 min Scan# 128

Delta R.T. 0.01 min

Lab File: VL038834.D

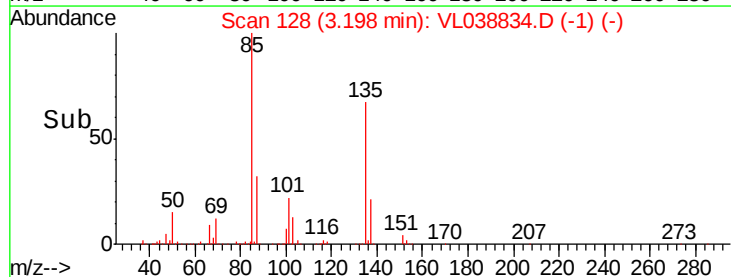
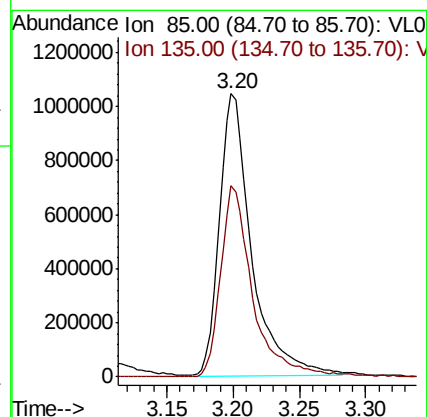
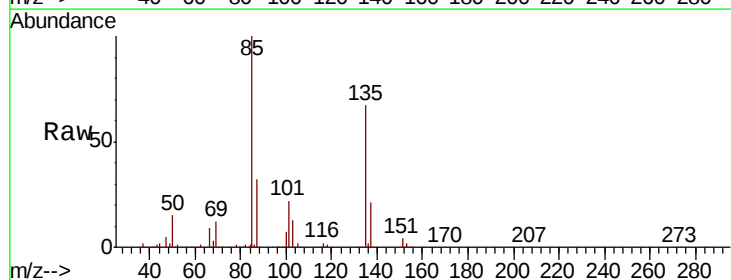
Acq: 7 Apr 2022 9:40

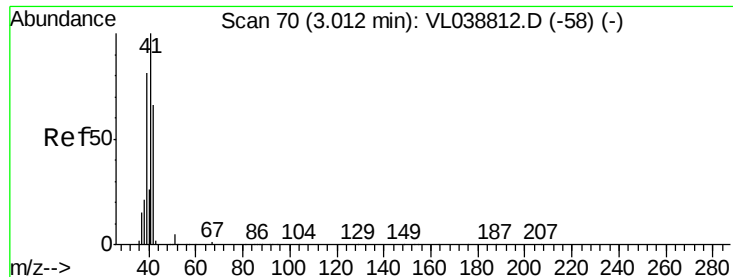
Tgt Ion: 85 Resp: 1764747

Ion Ratio Lower Upper

85 100

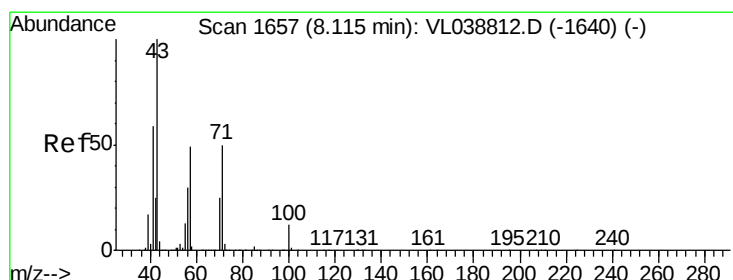
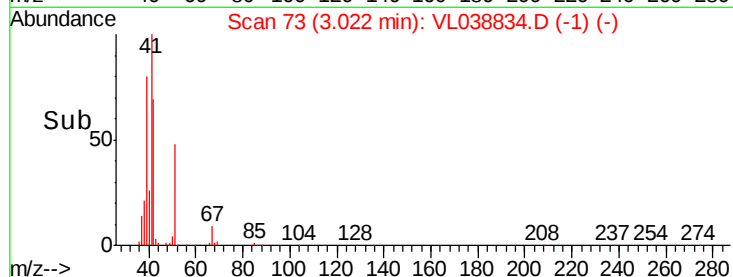
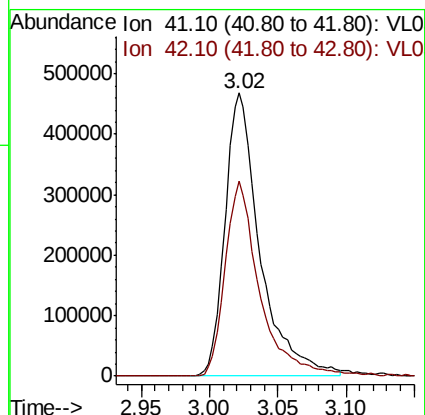
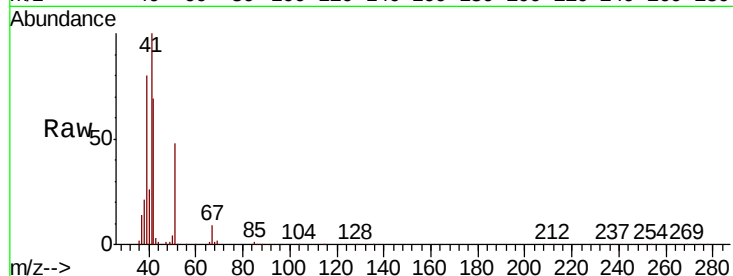
135 68.2 57.0 85.6





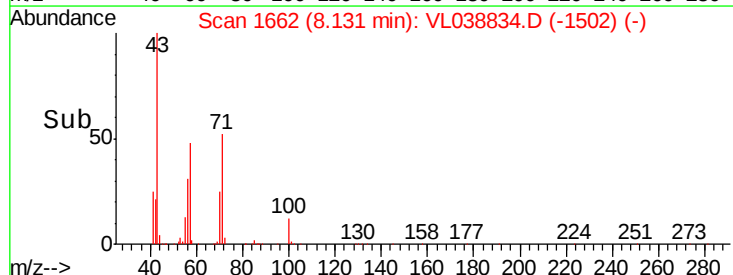
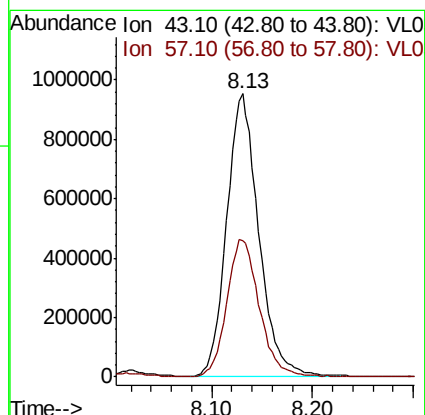
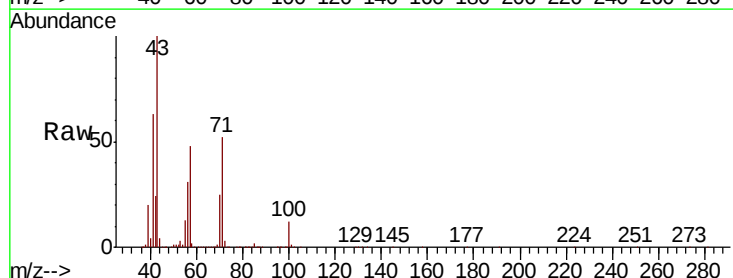
#9
 Propene
 Concen: 9.880 ppbv
 RT: 3.02
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 7 Apr 2022 9:40

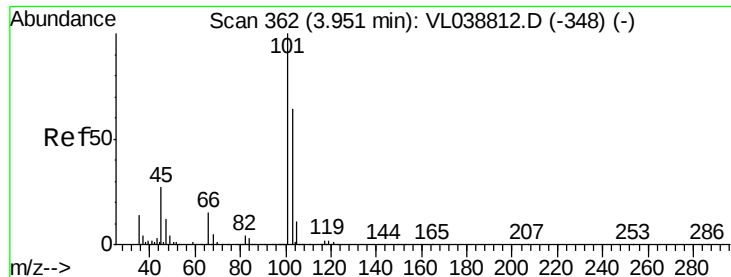
Tot Ion: 41 Resp: 833551
 Ion Ratio Lower Upper
 41 100
 42 68.9 54.2 81.4



#10
 Heptane
 Concen: 9.850 ppbv
 RT: 8.13 min Scan# 1662
 Delta R.T. 0.02 min
 Lab File: VL038834.D
 Acq: 7 Apr 2022 9:40

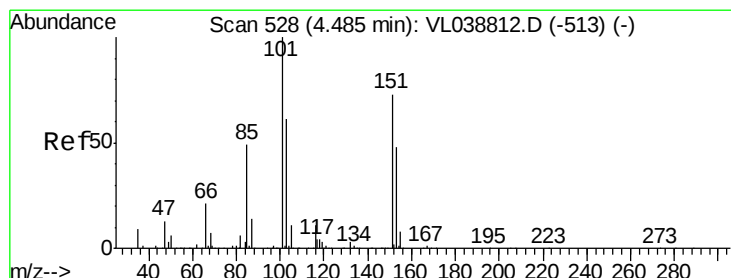
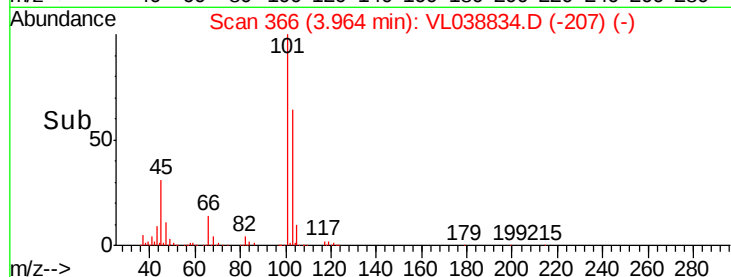
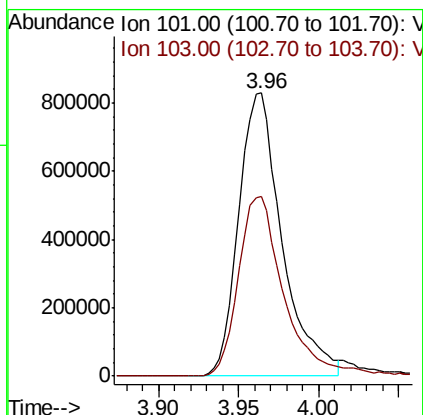
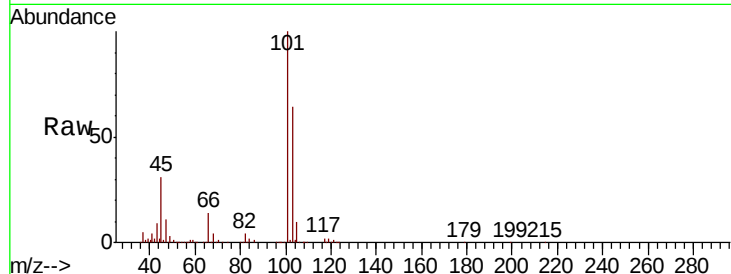
Tgt Ion: 43 Resp: 2093314
 Ion Ratio Lower Upper
 43 100
 57 50.0 39.3 58.9





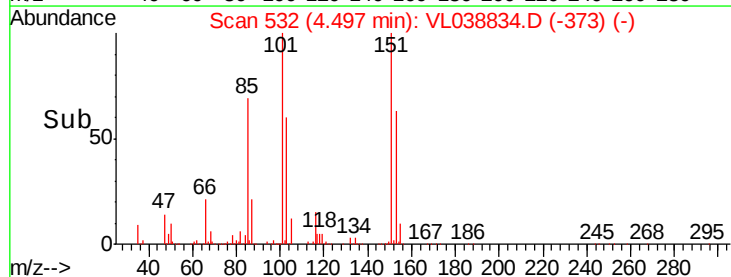
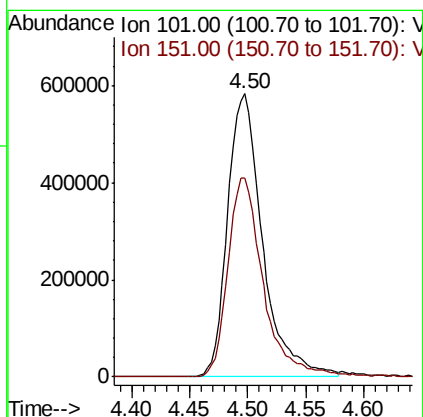
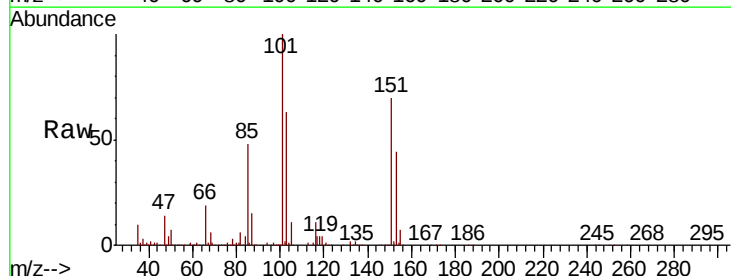
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 Trichlorofluoromethane
 Concen: 10.323 ppbv
 RT: 3.96 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 7 Apr 2022 9:40

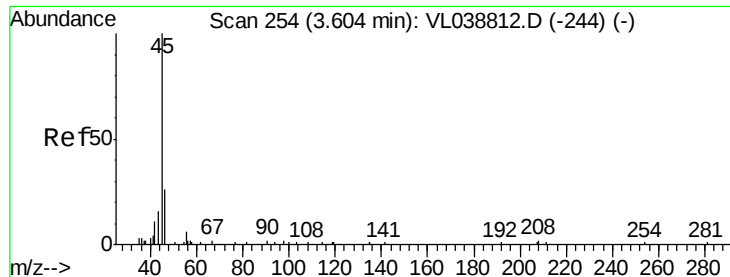
Tot Ion:101 Resp: 1537408
 Ion Ratio Lower Upper
 101 100
 103 63.5 51.4 77.0



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 10.673 ppbv
 RT: 4.50 min Scan# 532
 Delta R.T. 0.01 min
 Lab File: VL038834.D
 Acq: 7 Apr 2022 9:40

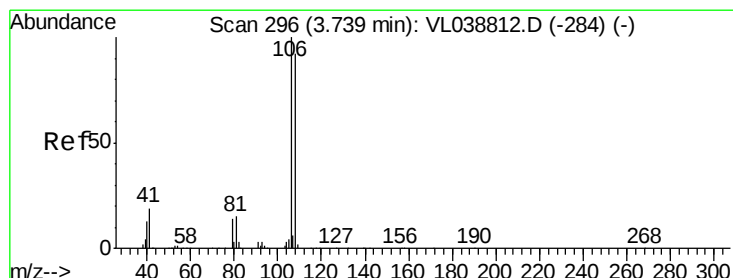
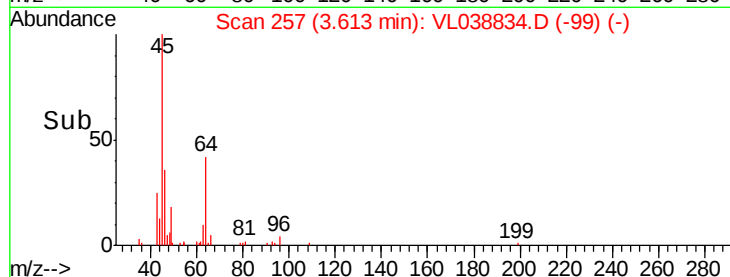
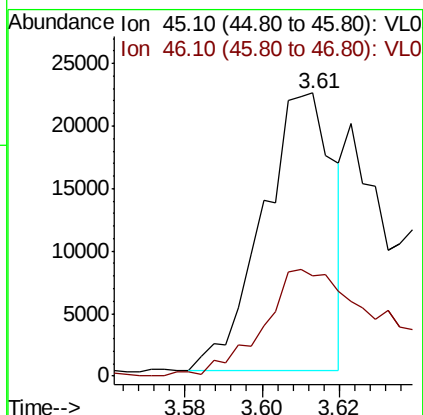
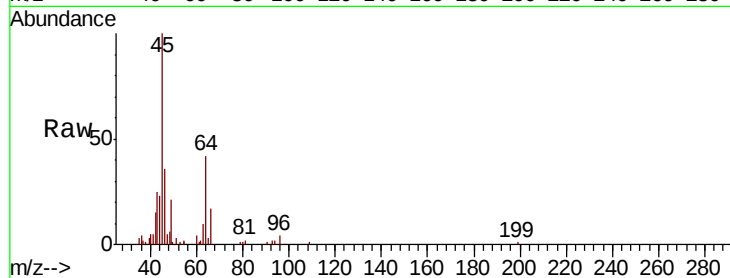
Tgt Ion:101 Resp: 1217611
 Ion Ratio Lower Upper
 101 100
 151 71.5 59.9 89.9





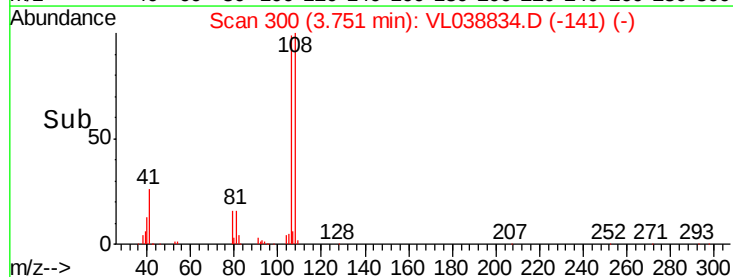
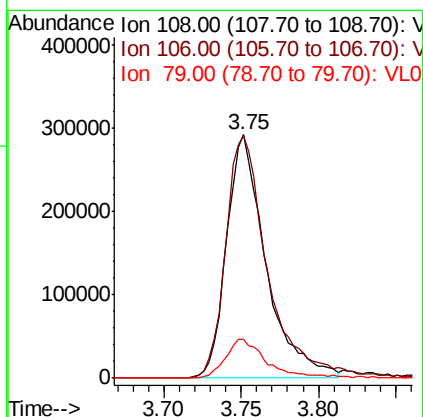
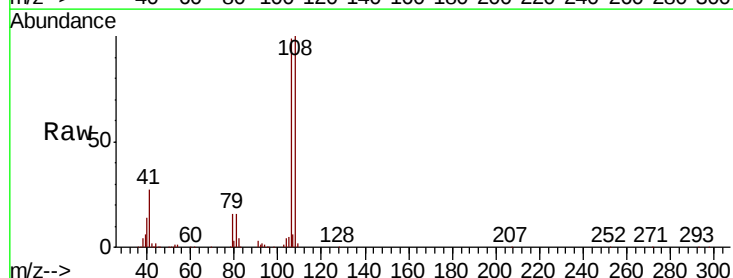
#13
Ethanol
Concen: 5.523 ppbv
RT: 3.61
Delta R.T. MSVOA_L
Lab File: ClientSampleId:
Acq: 7 Apr 2022 9:40

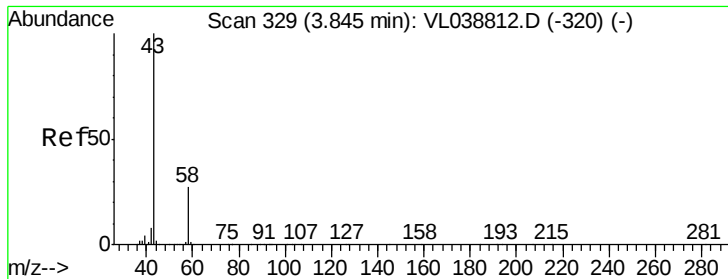
Tot Ion: 45 Resp: 28317
Ion Ratio Lower Upper
45 100
46 79.4 0.0 0.0#



#14
Bromoethene
Concen: 10.294 ppbv
RT: 3.75 min Scan# 300
Delta R.T. 0.01 min
Lab File: VL038834.D
Acq: 7 Apr 2022 9:40

Tgt Ion: 108 Resp: 516436
Ion Ratio Lower Upper
108 100
106 107.1 91.5 137.3
79 16.9 13.7 20.5





#15

Acetone

Concen: 9.469 ppbv

RT: 3.86 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

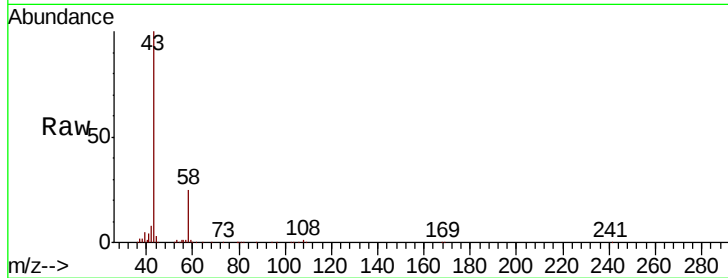
Acq: 7 Apr 2022 9:40 VSTDCCC010

Tot Ion: 43 Resp: 1231848

Ion Ratio Lower Upper

43 100

58 27.7 22.5 33.7



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

3.86

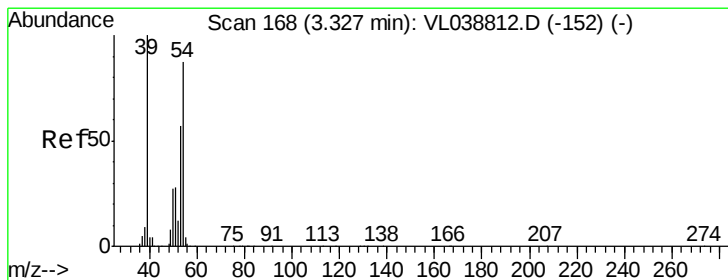
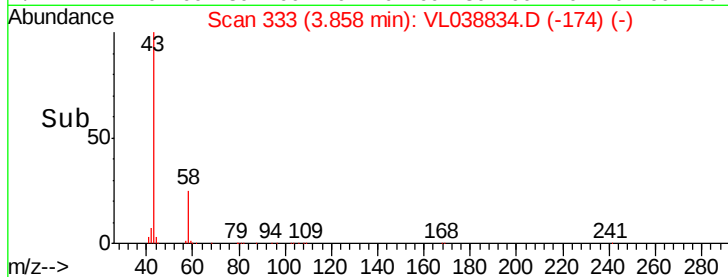
600000

400000

200000

0

Time-->



#16

1,3-Butadiene

Concen: 9.860 ppbv

RT: 3.34 min Scan# 172

Delta R.T. 0.01 min

Lab File: VL038834.D

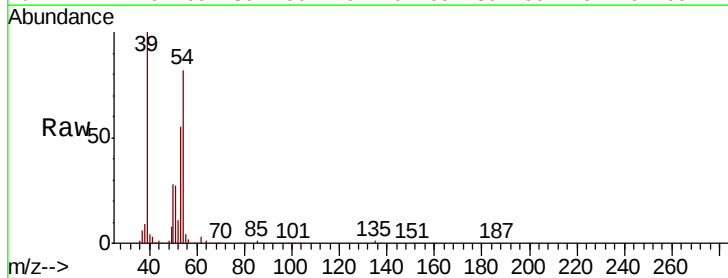
Acq: 7 Apr 2022 9:40

Tgt Ion: 39 Resp: 733261

Ion Ratio Lower Upper

39 100

54 81.7 64.8 97.2



Abundance Ion 39.10 (38.80 to 39.80): VL0

Ion 54.10 (53.80 to 54.80): VL0

3.34

400000

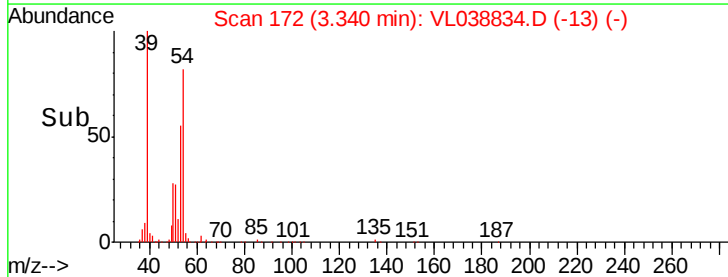
300000

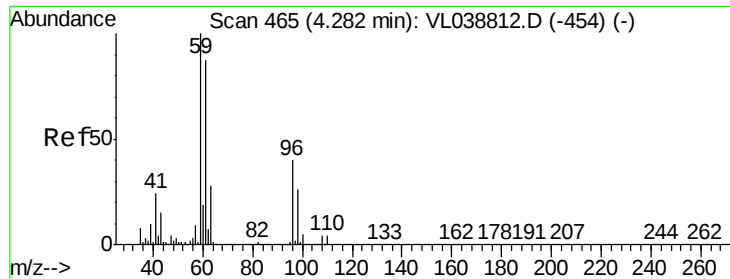
200000

100000

0

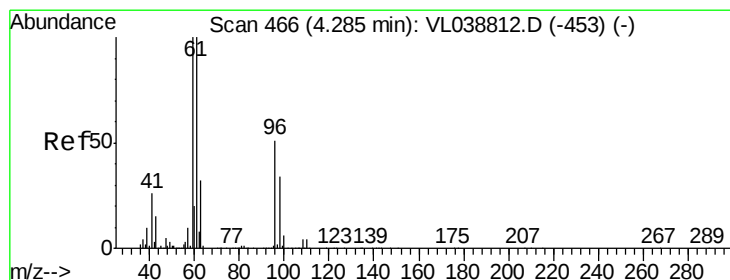
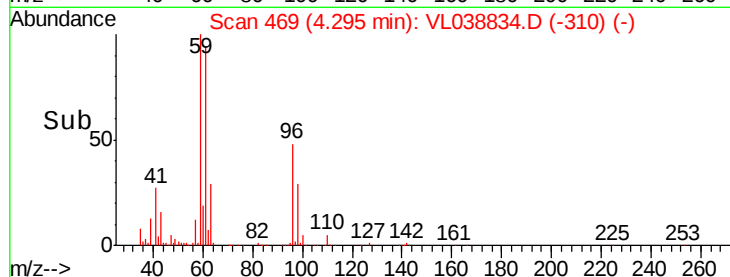
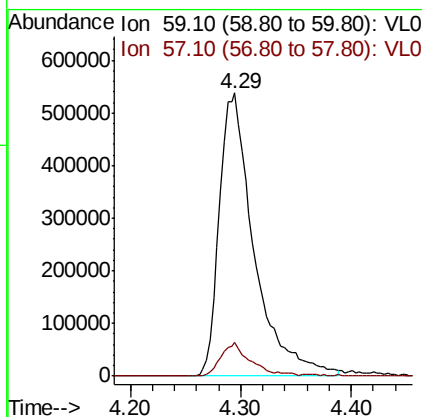
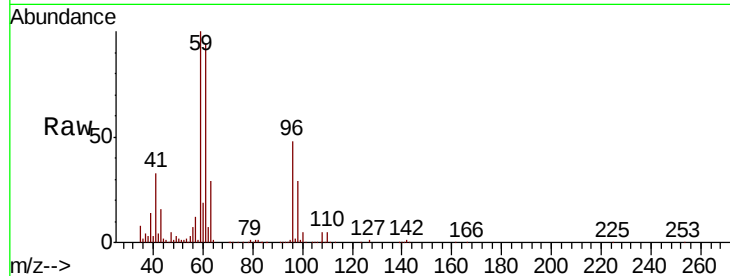
Time-->





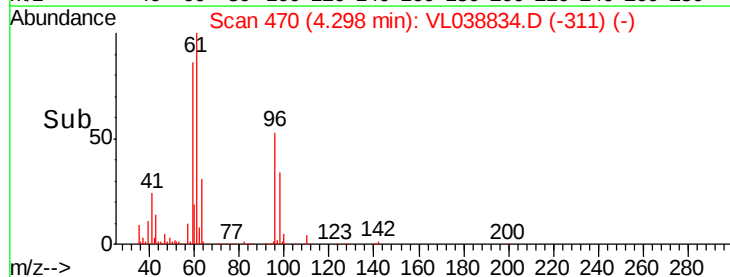
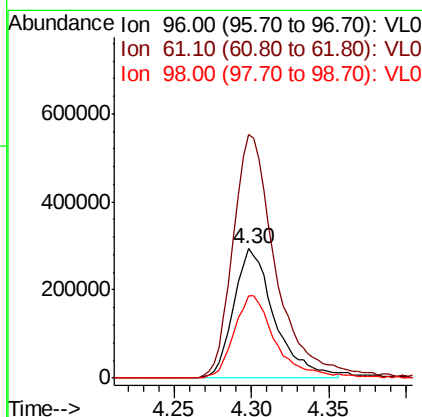
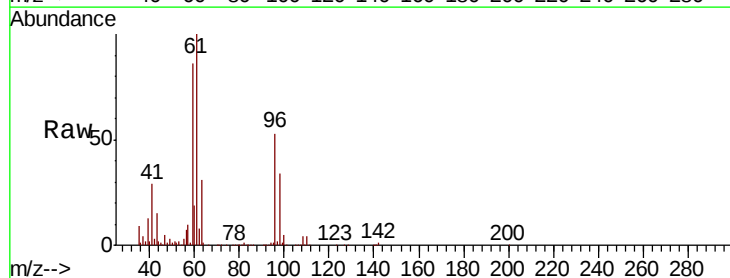
#17
tert-Butyl alcohol
Concen: 10.095 ppbv
RT: 4.29
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
Acq: 7 Apr 2022 9:40

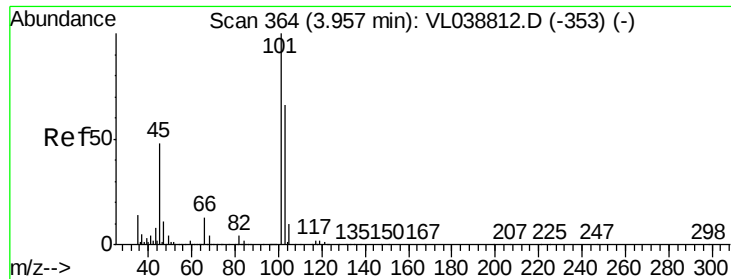
Tot Ion: 59 Resp: 1177664
Ion Ratio Lower Upper
59 100
57 10.8 8.5 12.7



#18
1,1-Dichloroethene
Concen: 10.383 ppbv
RT: 4.30 min Scan# 470
Delta R.T.: 0.01 min
Lab File: VL038834.D
Acq: 7 Apr 2022 9:40

Tgt Ion: 96 Resp: 539951
Ion Ratio Lower Upper
96 100
61 188.0 156.1 234.1
98 63.4 53.0 79.6





#19

Isopropyl Alcohol

Concen: 10.435 ppbv

RT: 3.97 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

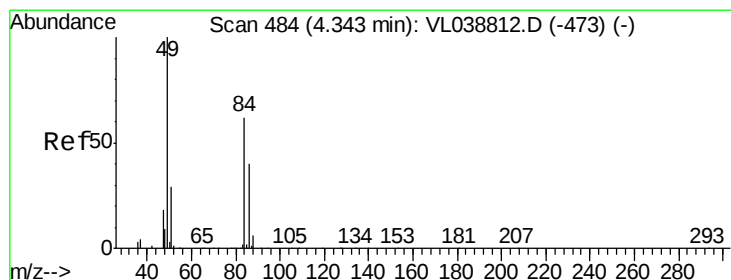
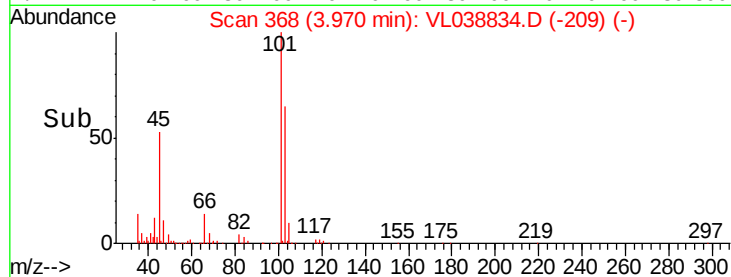
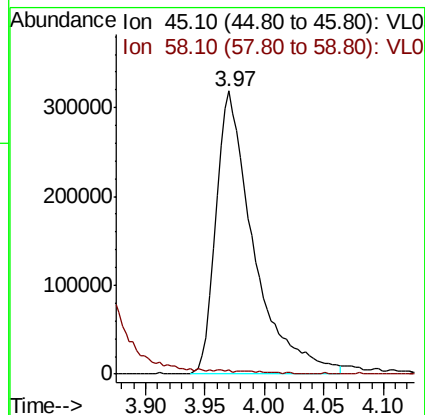
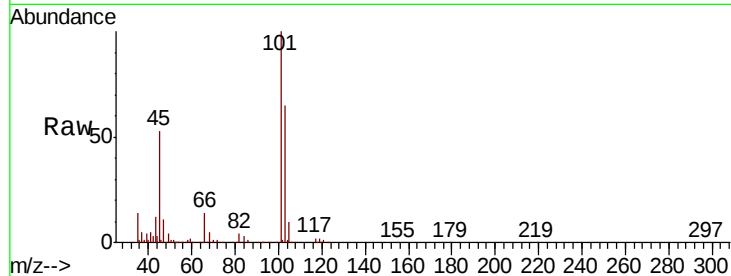
Acq: 7 Apr 2022 9:40 VSTDCCC010

Tot Ion: 45 Resp: 693801

Ion Ratio Lower Upper

45 100

58 51.0 0.0 0.0#



#20

Methylene Chloride

Concen: 9.075 ppbv

RT: 4.36 min Scan# 488

Delta R.T. 0.01 min

Lab File: VL038834.D

Acq: 7 Apr 2022 9:40

Tgt Ion: 84 Resp: 428150

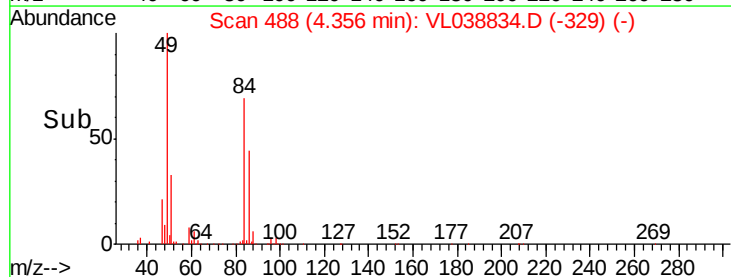
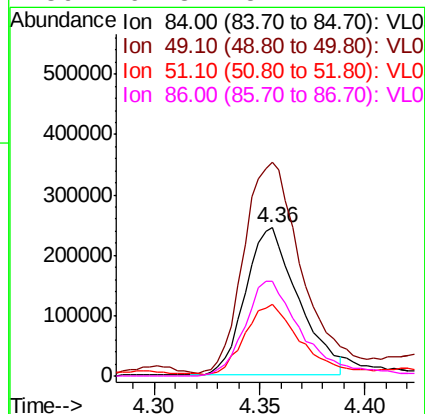
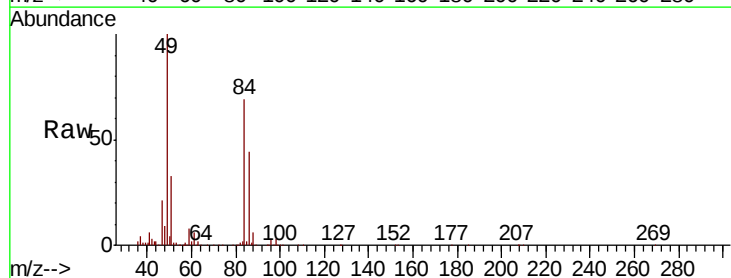
Ion Ratio Lower Upper

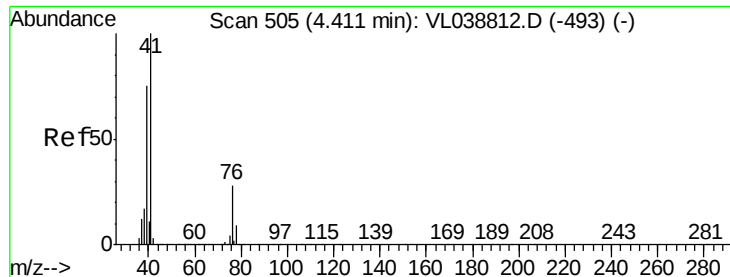
84 100

49 142.4 129.4 194.0

51 46.8 37.4 56.2

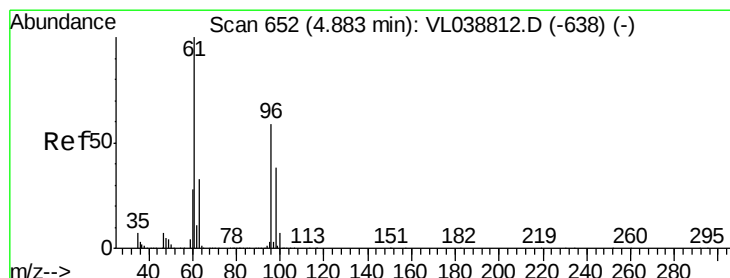
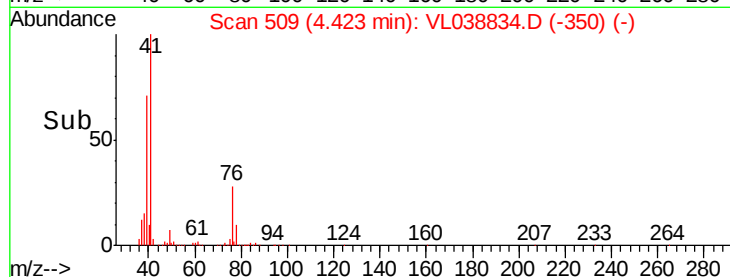
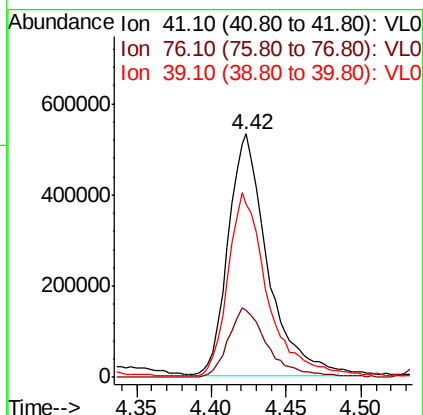
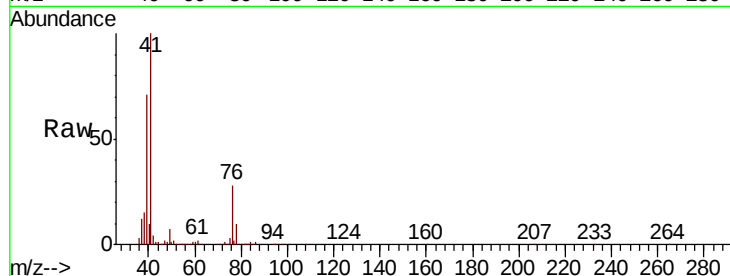
86 64.3 51.4 77.2





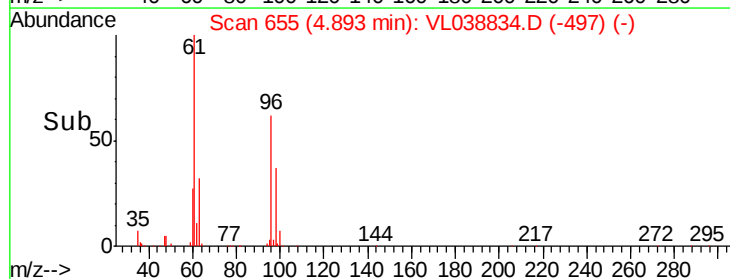
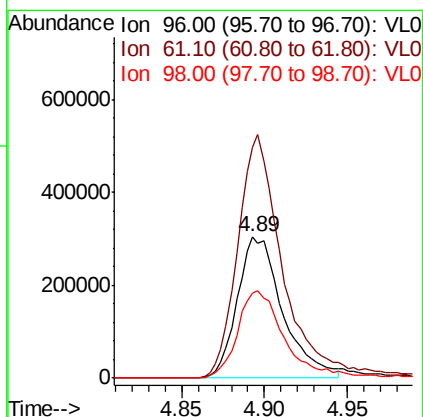
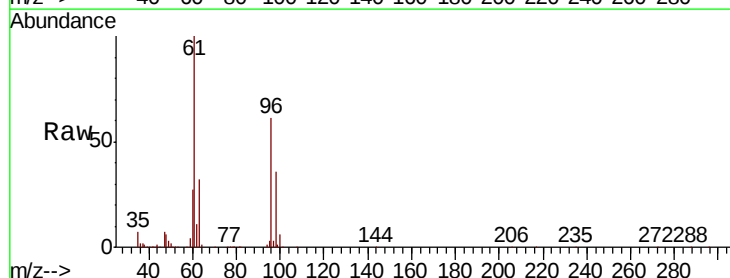
#21
 Allvl Chloride
 Concen: 9.938 ppbv
 RT: 4.42
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 7 Apr 2022 9:40

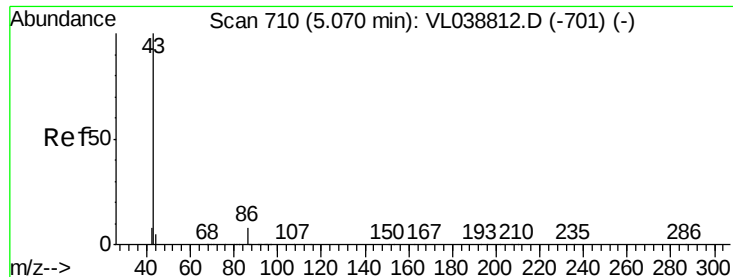
Tot Ion	Ratio	Lower	Upper
41	100		
76	29.3	23.7	35.5
39	76.0	62.0	93.0



#22
 trans-1,2-Dichloroethene
 Concen: 11.056 ppbv
 RT: 4.89 min Scan# 655
 Delta R.T. 0.01 min
 Lab File: VL038834.D
 Acq: 7 Apr 2022 9:40

Tgt Ion	Ratio	Lower	Upper
96	100		
61	163.2	134.8	202.2
98	59.6	51.9	77.9





#23

Vinyl Acetate

Concen: 10.880 ppbv

RT: 5.08 Instrument: MSVOA_1

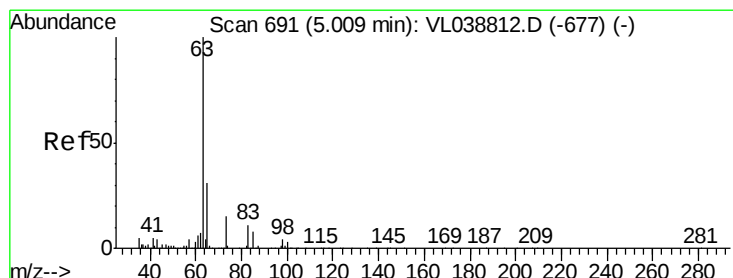
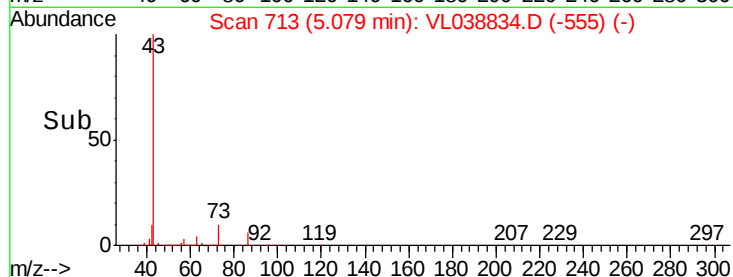
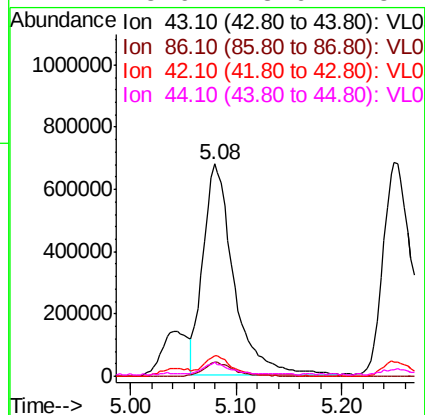
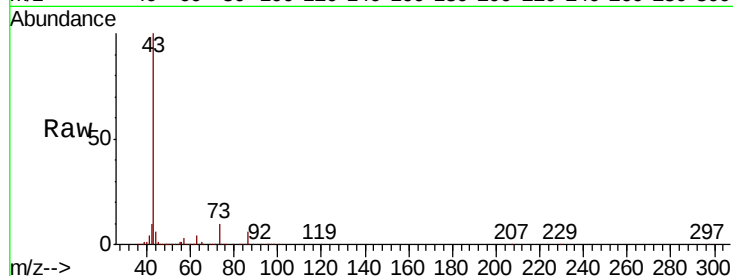
Delta R.T. 0.01 min

Lab File: ClientSampleId: VSTDCCC010

Acq: 7 Apr 2022 9:40

Tot Ion: 43 Resp: 1378287

Ion	Ratio	Lower	Upper
43	100		
86	6.4	5.8	8.6
42	9.4	7.8	11.6
44	5.6	3.6	5.4#



#24

1,1-Dichloroethane

Concen: 10.448 ppbv

RT: 5.02 min Scan# 695

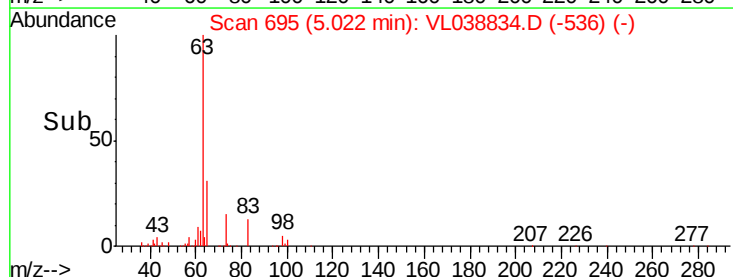
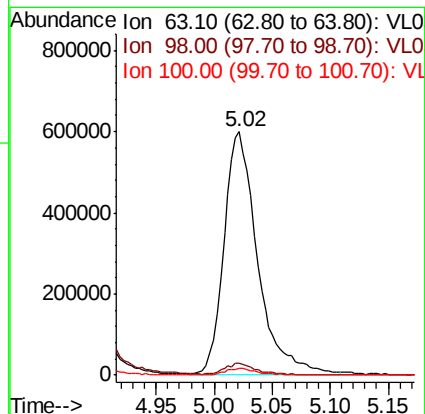
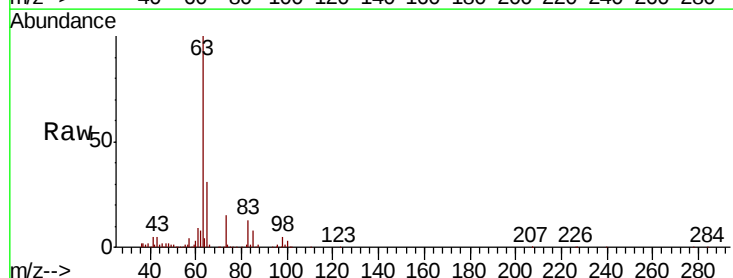
Delta R.T. 0.01 min

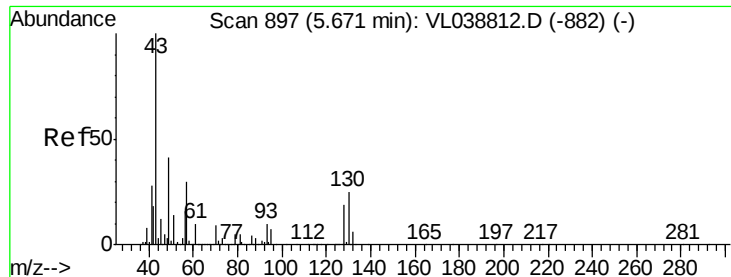
Lab File: VL038834.D

Acq: 7 Apr 2022 9:40

Tgt Ion: 63 Resp: 1196081

Ion	Ratio	Lower	Upper
63	100		
98	4.7	2.2	6.6
100	2.9	1.4	4.0

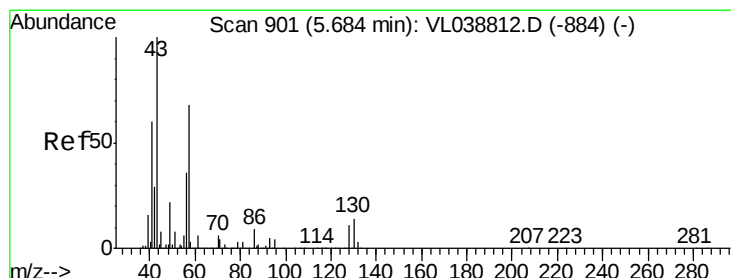
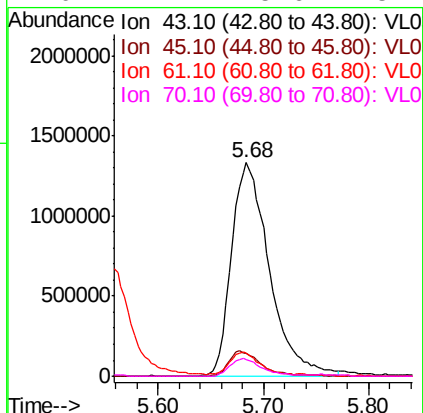
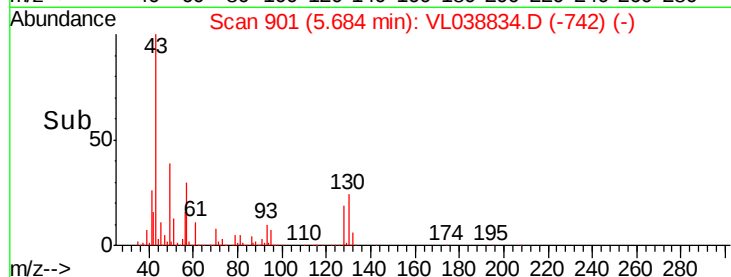
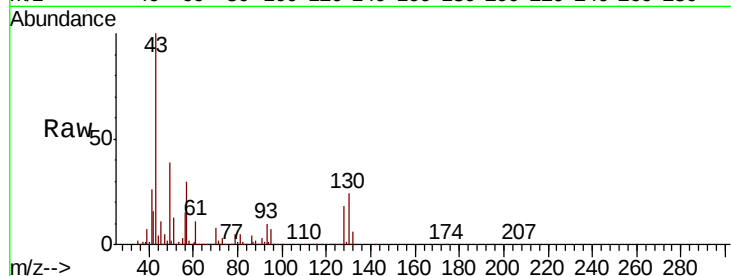




#25
Ethyl Acetate
Concen: 10.060 ppbv
RT: 5.68 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
Acq: 7 Apr 2022 9:40

Tot Ion: 43 Resp: 3320517

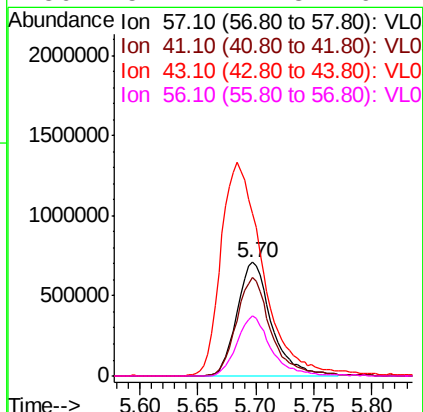
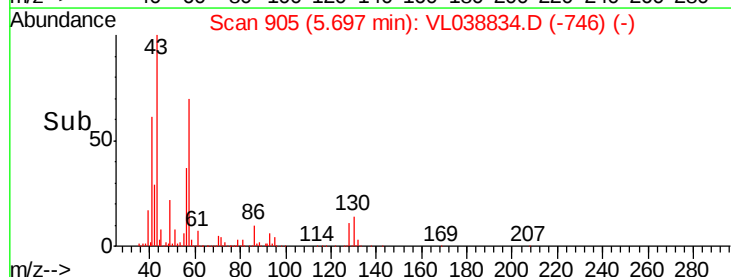
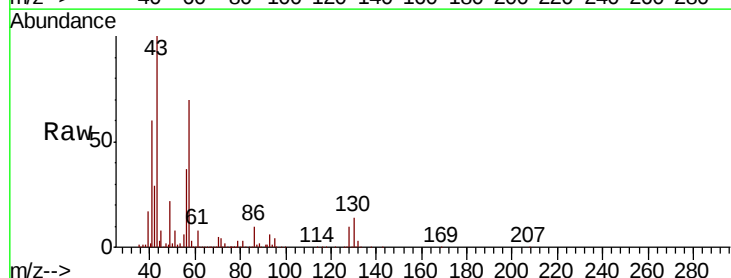
Ion	Ratio	Lower	Upper
43	100		
45	10.4	8.4	12.6
61	9.3	7.9	11.9
70	7.1	5.6	8.4

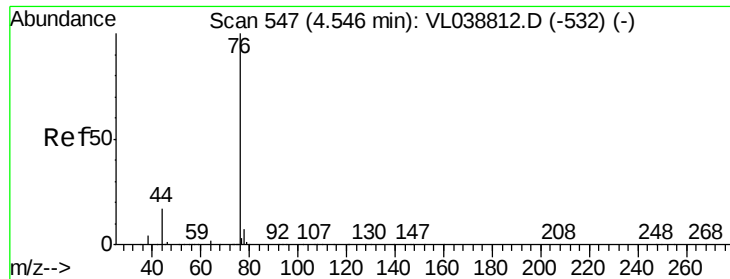


#26
Hexane
Concen: 9.771 ppbv
RT: 5.70 min Scan# 905
Delta R.T.: 0.01 min
Lab File: VL038834.D
Acq: 7 Apr 2022 9:40

Tgt Ion: 57 Resp: 1467965

Ion	Ratio	Lower	Upper
57	100		
41	87.7	72.0	108.0
43	231.1	186.6	280.0
56	52.7	42.8	64.2

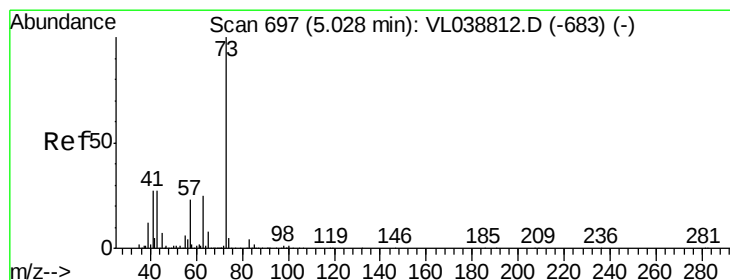
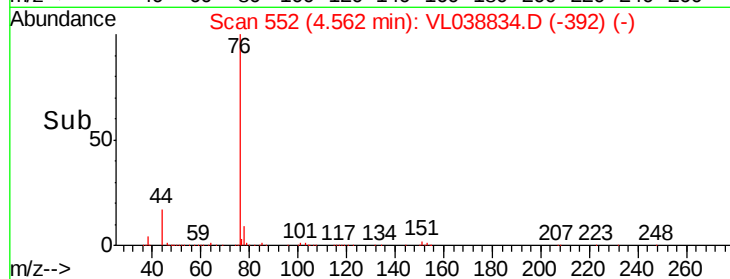
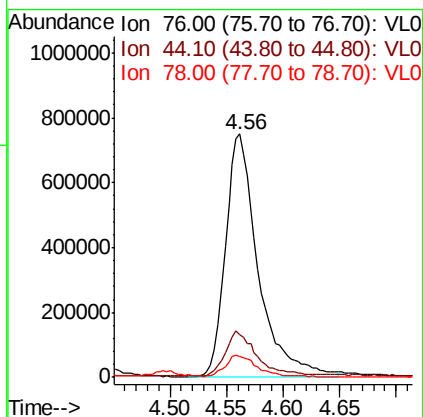
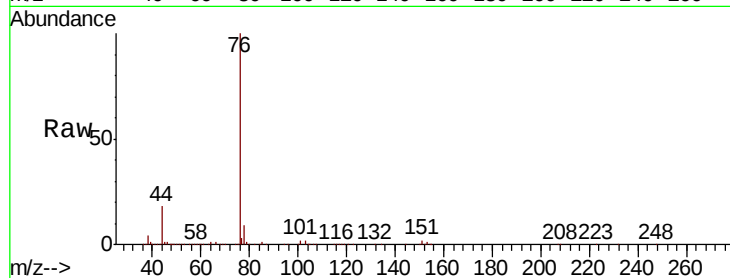




#27
 Carbon Disulfide
 Concen: 10.878 ppbv
 RT: 4.56
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 7 Apr 2022 9:40

Tot Ion: 76 Resp: 1498767

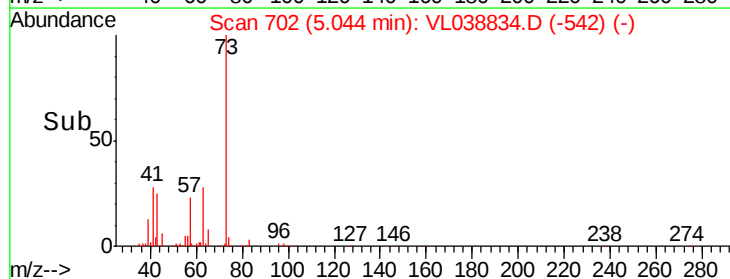
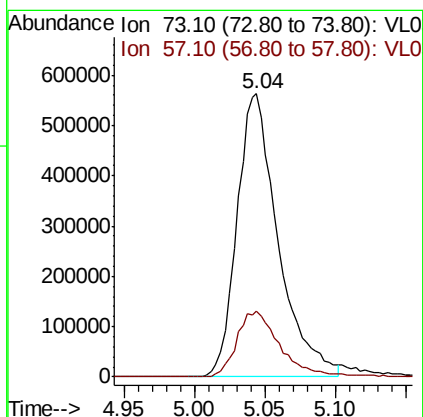
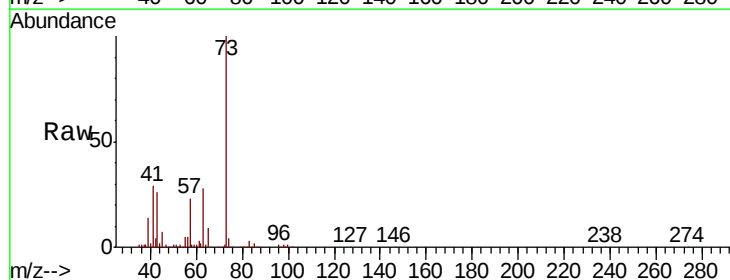
Ion	Ratio	Lower	Upper
76	100		
44	18.9	15.7	23.5
78	9.6	7.8	11.8

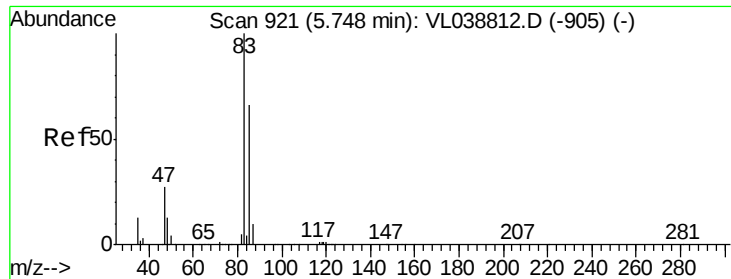


#28
 Methyl tert-Butyl Ether
 Concen: 9.922 ppbv
 RT: 5.04 min Scan# 702
 Delta R.T. 0.02 min
 Lab File: VL038834.D
 Acq: 7 Apr 2022 9:40

Tgt Ion: 73 Resp: 1151374

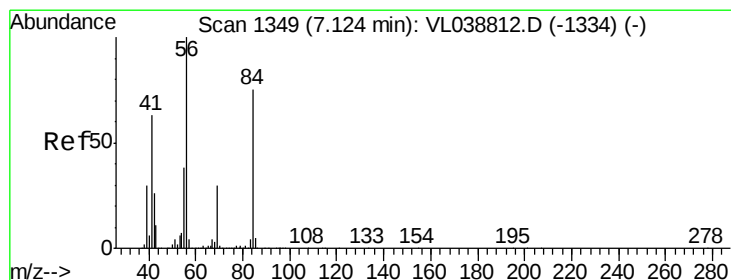
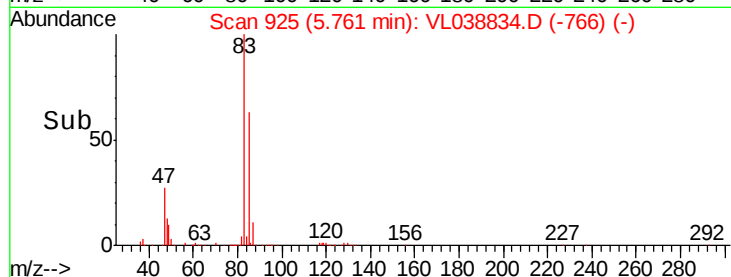
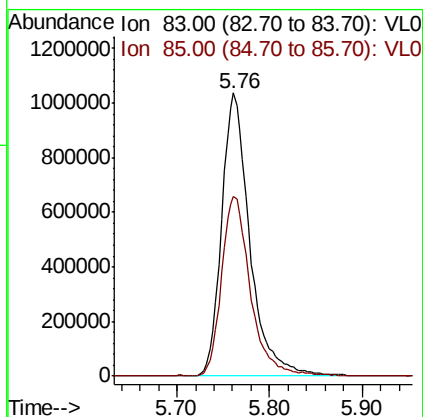
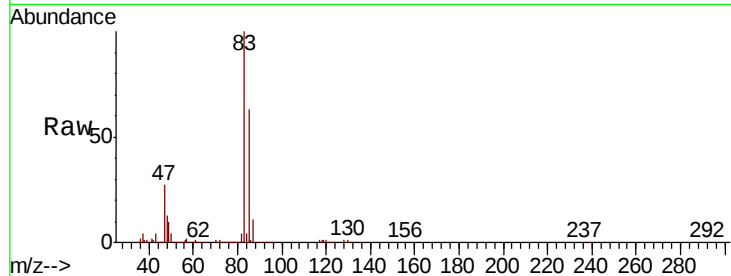
Ion	Ratio	Lower	Upper
73	100		
57	24.7	19.7	29.5





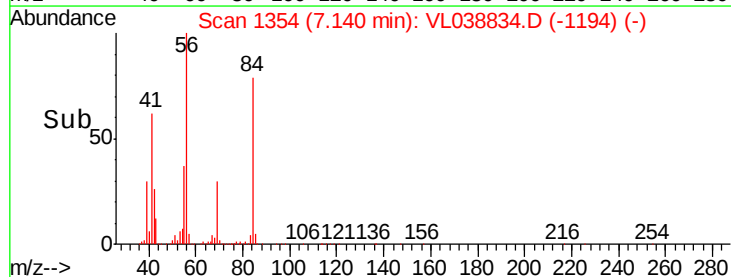
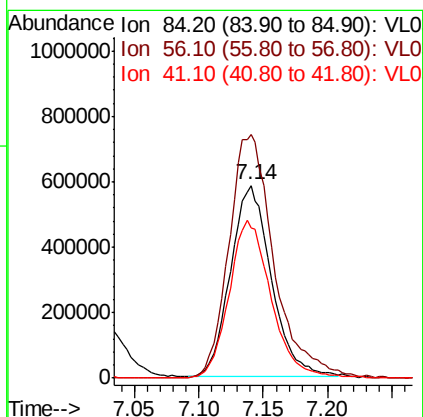
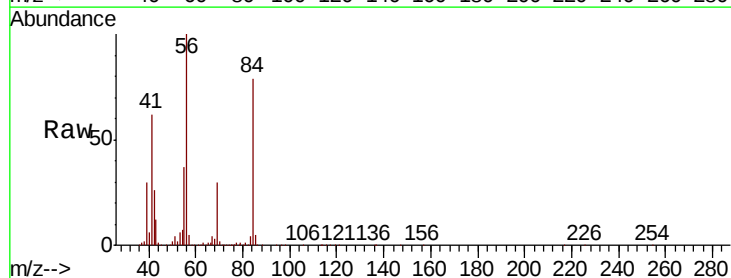
#29
Chloroform
Concen: 10.393 ppbv
RT: 5.76
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
Acq: 7 Apr 2022 9:40

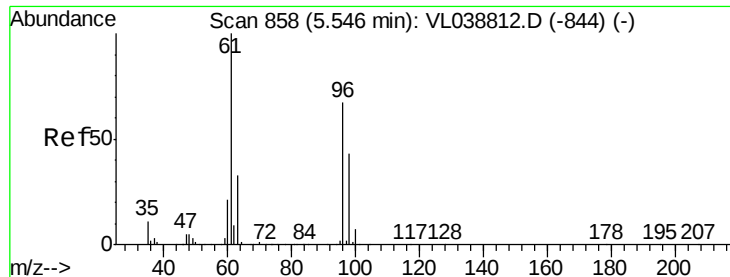
Tot Ion: 83 Resp: 2184682
Ion Ratio Lower Upper
83 100
85 63.1 52.5 78.7



#30
Cyclohexane
Concen: 9.738 ppbv
RT: 7.14 min Scan# 1354
Delta R.T.: 0.02 min
Lab File: VL038834.D
Acq: 7 Apr 2022 9:40

Tgt Ion: 84 Resp: 1289411
Ion Ratio Lower Upper
84 100
56 141.6 114.4 171.6
41 85.3 69.0 103.4





#31

cis-1,2-Dichloroethene

Concen: 9.897 ppbv

RT: 5.56 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

Acq: 7 Apr 2022 9:40 VSTDCCC010

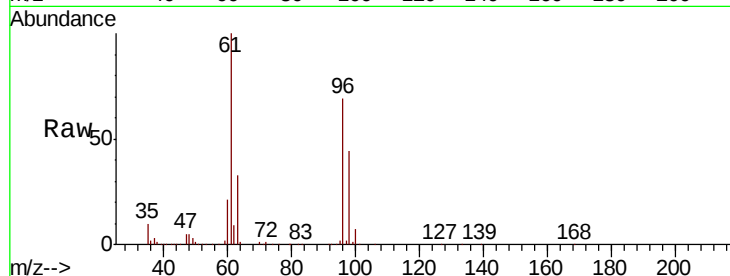
Tot Ion: 61 Resp: 1367156

Ion Ratio Lower Upper

61 100

96 68.5 53.4 80.0

98 44.0 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

5.56

800000

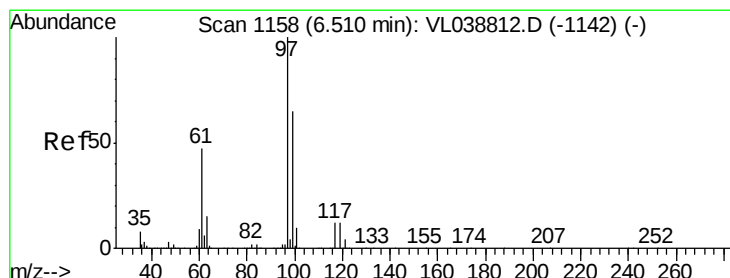
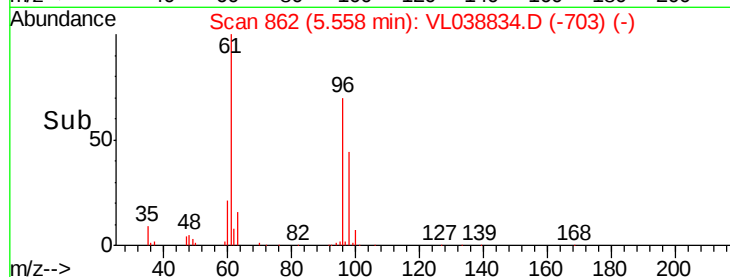
600000

400000

200000

0

Time--> 5.45 5.50 5.55 5.60 5.65



#32

1,1,1-Trichloroethane

Concen: 10.323 ppbv

RT: 6.52 min Scan# 1161

Delta R.T. 0.01 min

Lab File: VL038834.D

Acq: 7 Apr 2022 9:40

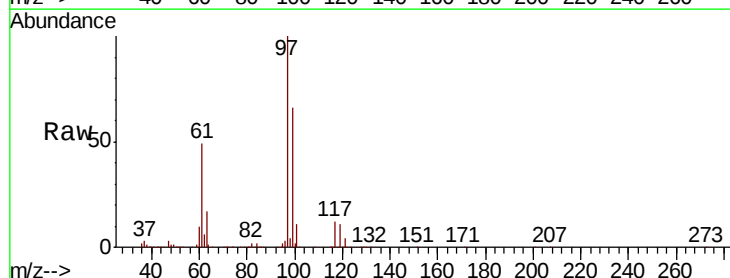
Tgt Ion: 97 Resp: 2186436

Ion Ratio Lower Upper

97 100

99 65.3 52.4 78.6

61 47.6 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

6.52

1200000

1000000

800000

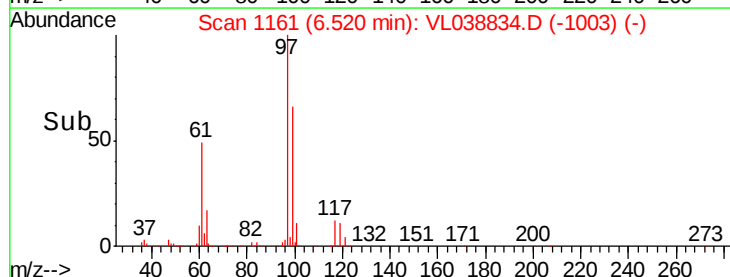
600000

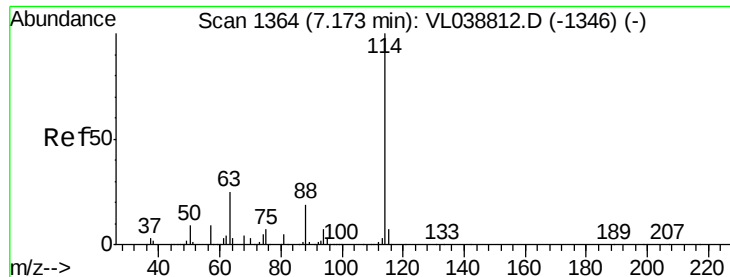
400000

200000

0

Time--> 6.40 6.50 6.60

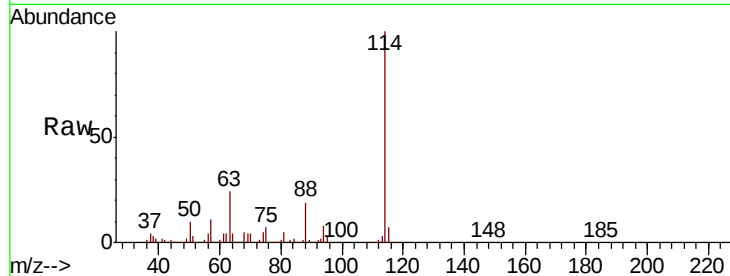




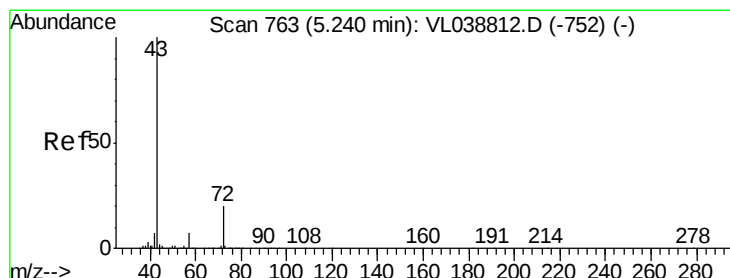
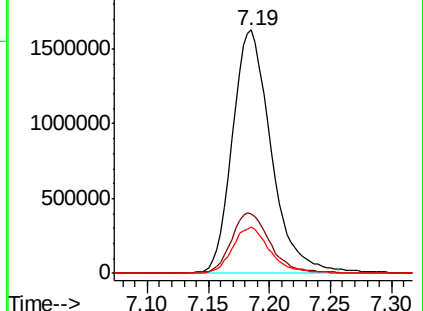
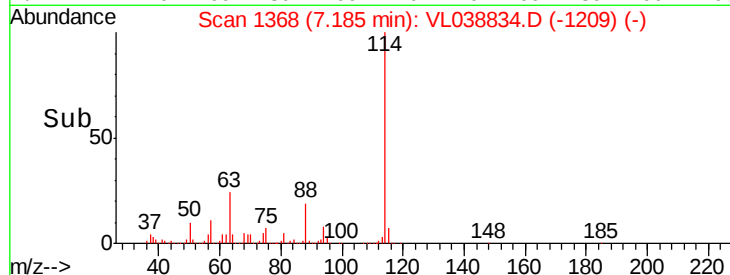
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.19
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 VSTDCCC010
 Acq: 7 Apr 2022 9:40

Tot Ion:114 Resp: 3579342

Ion	Ratio	Lower	Upper
114	100		
63	25.4	19.8	29.8
88	18.6	14.2	21.4



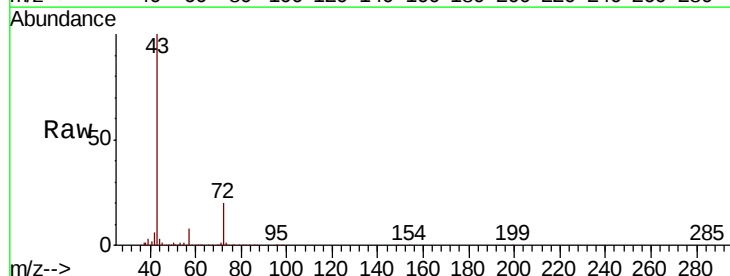
Abundance Ion 114.10 (113.80 to 114.80): VL0
 Ion 63.10 (62.80 to 63.80): VL0
 Ion 88.10 (87.80 to 88.80): VL0



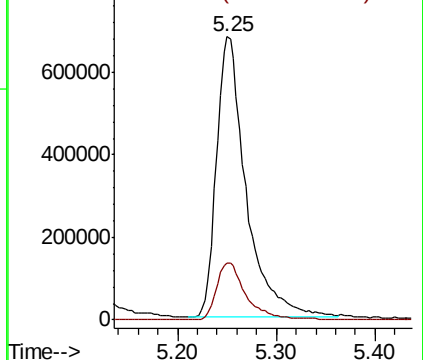
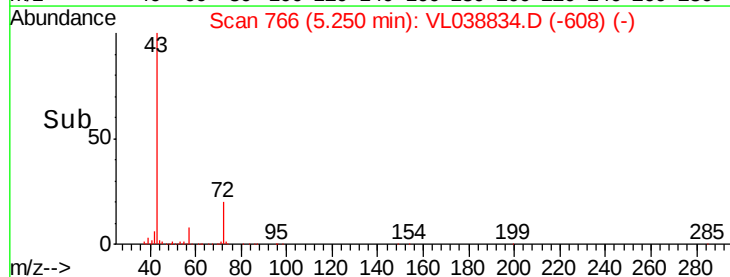
#34
 2-Butanone
 Concen: 10.153 ppbv
 RT: 5.25 min Scan# 766
 Delta R.T.: 0.01 min
 Lab File: VL038834.D
 Acq: 7 Apr 2022 9:40

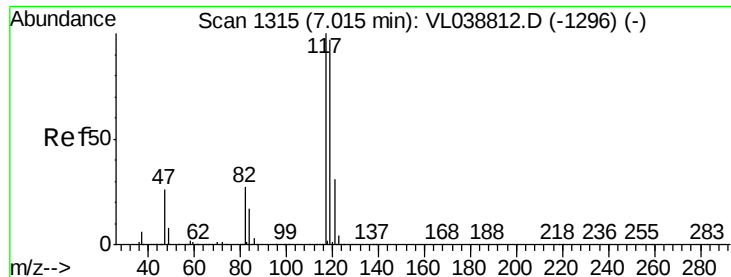
Tgt Ion: 43 Resp: 1436071

Ion	Ratio	Lower	Upper
43	100		
72	20.9	16.9	25.3



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

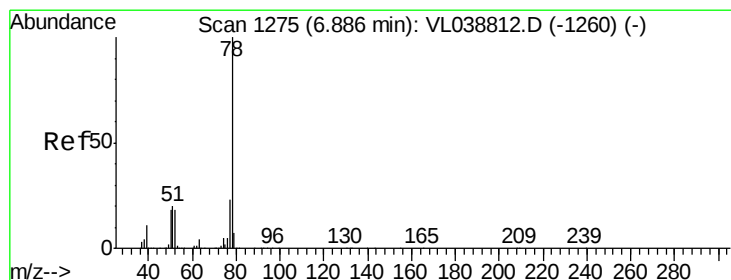
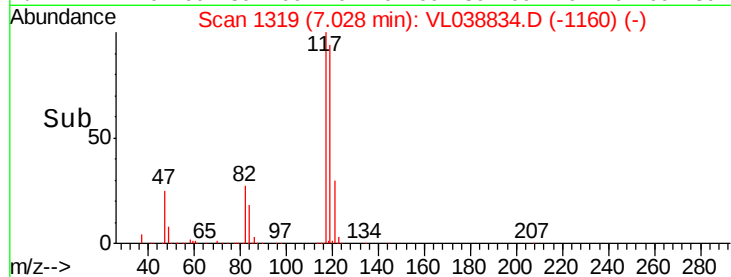
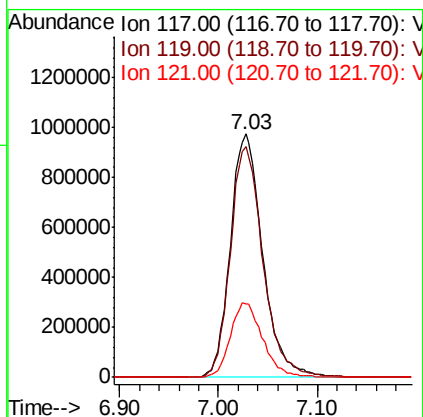
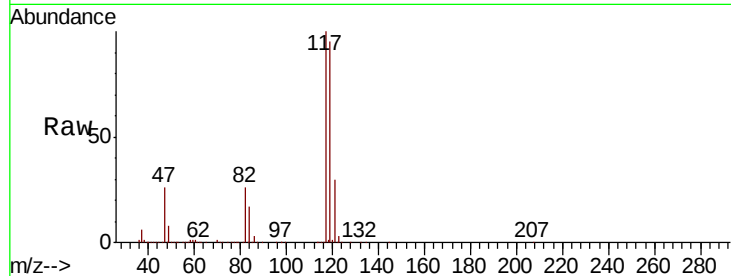




#35
Carbon Tetrachloride
Concen: 10.383 ppbv
RT: 7.03
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 7 Apr 2022 9:40

Tot Ion:117 Resp: 2228023

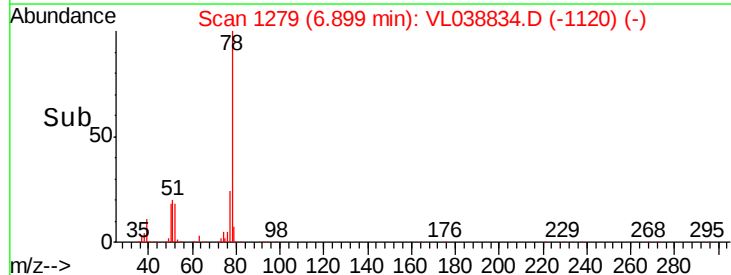
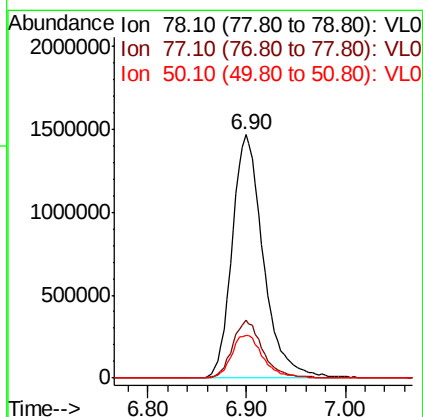
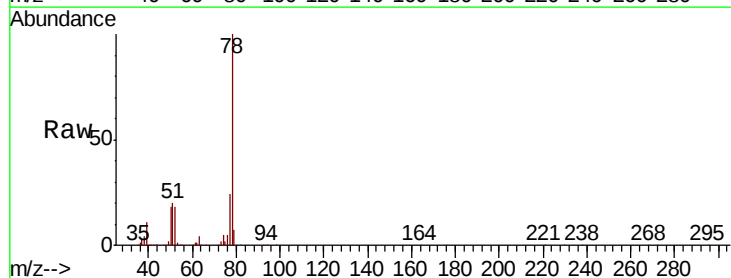
Ion	Ratio	Lower	Upper
117	100		
119	94.6	77.7	116.5
121	29.8	24.5	36.7

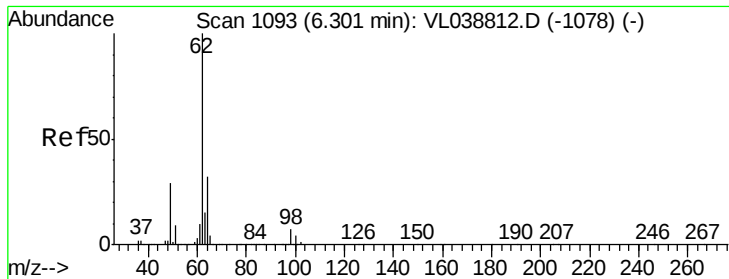


#36
Benzene
Concen: 9.901 ppbv
RT: 6.90 min Scan# 1279
Delta R.T. 0.01 min
Lab File: VL038834.D
Acq: 7 Apr 2022 9:40

Tgt Ion: 78 Resp: 3224049

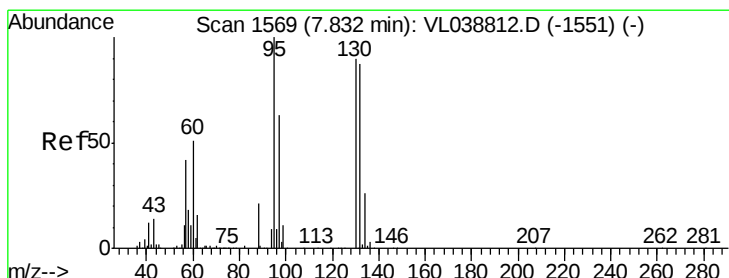
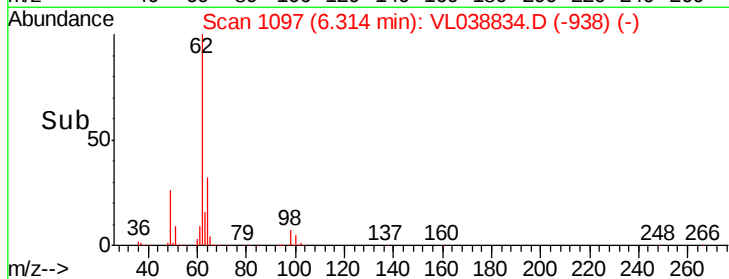
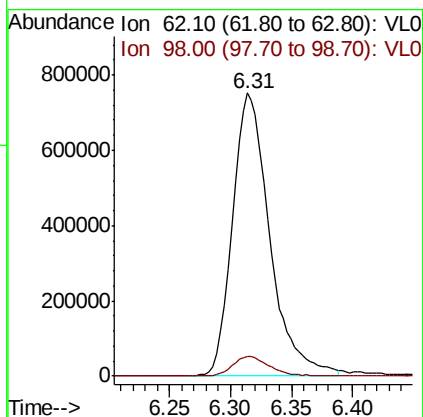
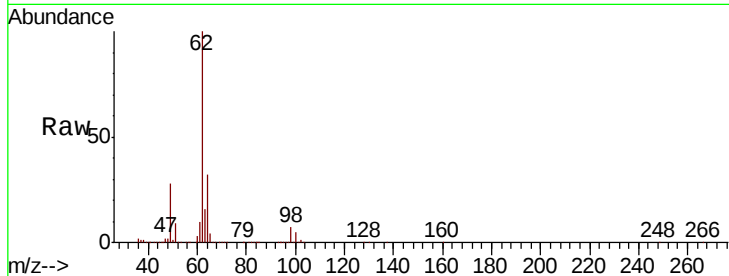
Ion	Ratio	Lower	Upper
78	100		
77	24.0	18.2	27.2
50	17.7	14.0	21.0





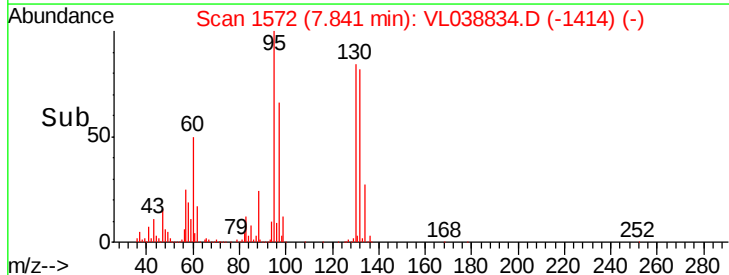
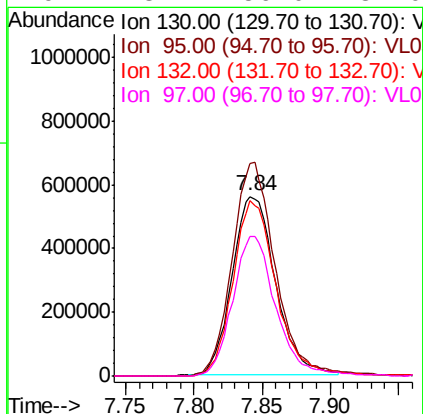
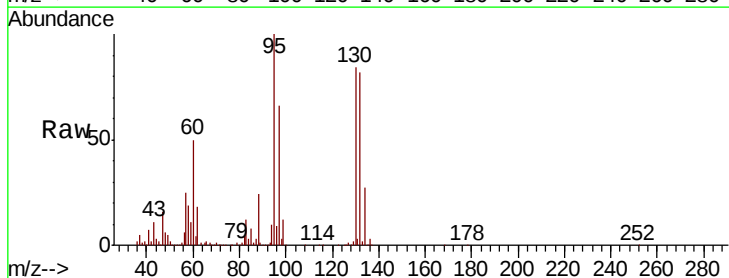
#37
 1,2-Dichloroethane
 Concen: 10.716 ppbv
 RT: 6.31
 Delta R.T.: MSVOA_L
 Lab File: ClientSampleId:
 VSTDCCC010
 Acq: 7 Apr 2022 9:40

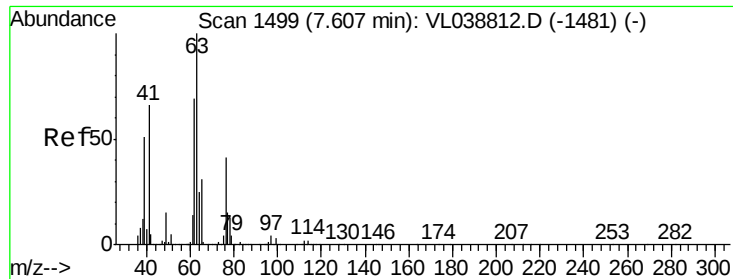
Tot Ion: 62 Resp: 1595296
 Ion Ratio Lower Upper
 62 100
 98 6.8 5.9 8.9



#38
 Trichloroethene
 Concen: 9.291 ppbv
 RT: 7.84 min Scan# 1572
 Delta R.T.: 0.01 min
 Lab File: VL038834.D
 Acq: 7 Apr 2022 9:40

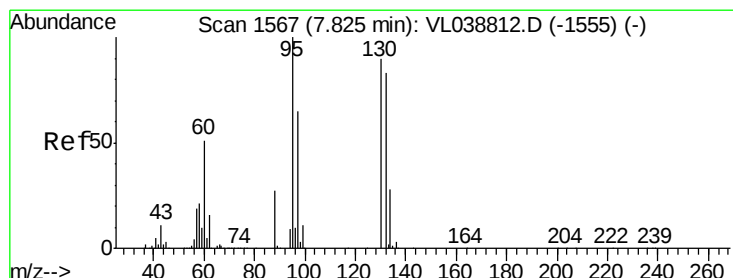
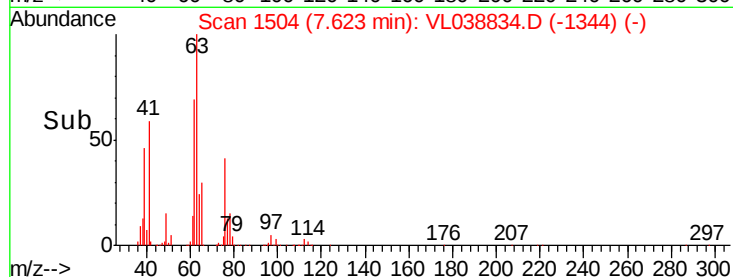
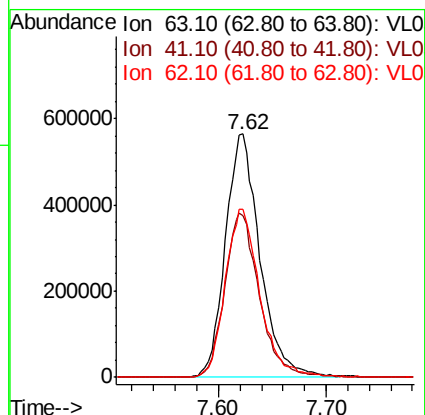
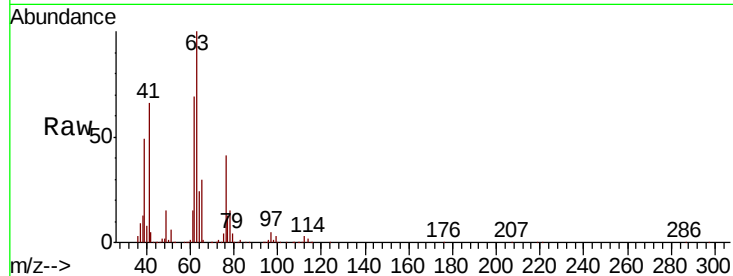
Tgt Ion: 130 Resp: 1241386
 Ion Ratio Lower Upper
 130 100
 95 119.1 89.4 134.0
 132 97.8 77.7 116.5
 97 78.1 56.0 84.0





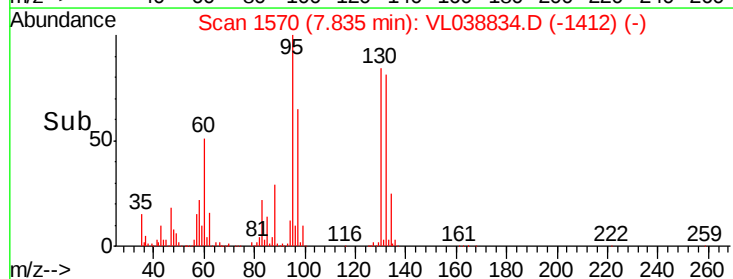
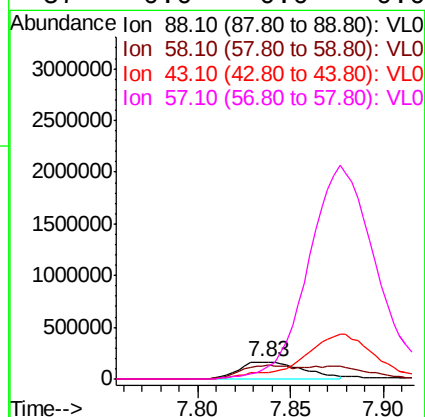
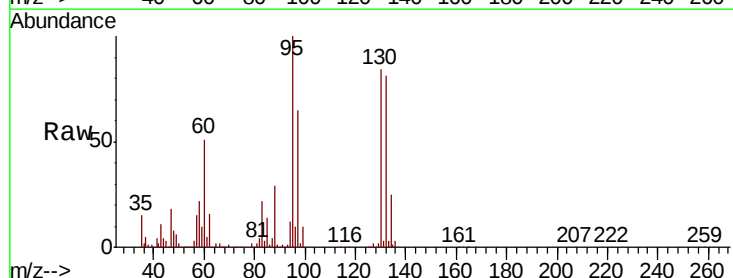
#39
 1,2-Dichloropropane
 Concen: 10.051 ppbv
 RT: 7.62
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 7 Apr 2022 9:40

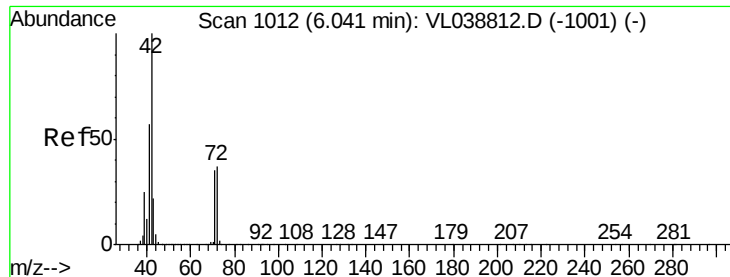
Tot Ion:	63	Resp:	1251765
Ion	Ratio	Lower	Upper
63	100		
41	66.1	53.0	79.6
62	68.9	55.0	82.4



#40
 1,4-Dioxane
 Concen: 9.146 ppbv
 RT: 7.83 min Scan# 1570
 Delta R.T. 0.01 min
 Lab File: VL038834.D
 Acq: 7 Apr 2022 9:40

Tgt Ion:	88	Resp:	386806
Ion	Ratio	Lower	Upper
88	100		
58	147.4	49.4	74.0#
43	0.0	0.0	0.0
57	0.0	0.0	0.0





#41

Tetrahydrofuran

Concen: 10.014 ppbv

RT: 6.05 Instrument: MSVOA_1

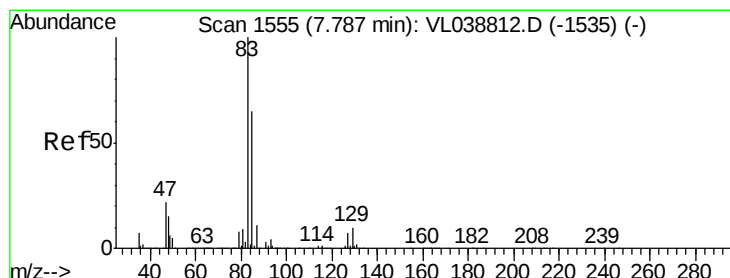
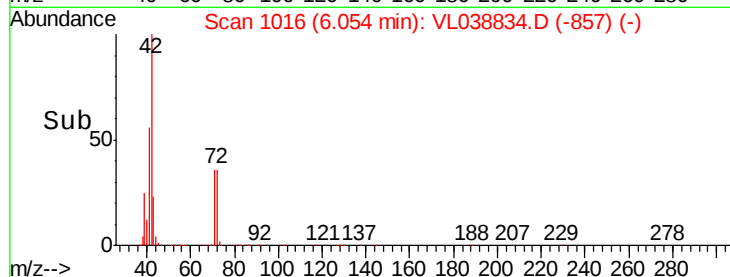
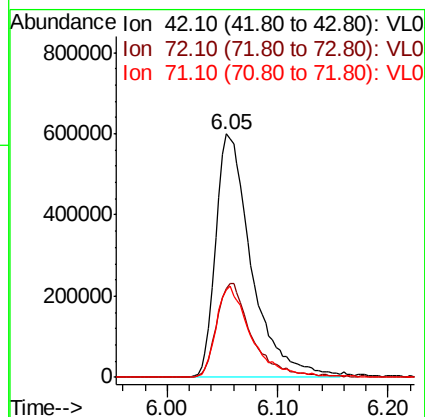
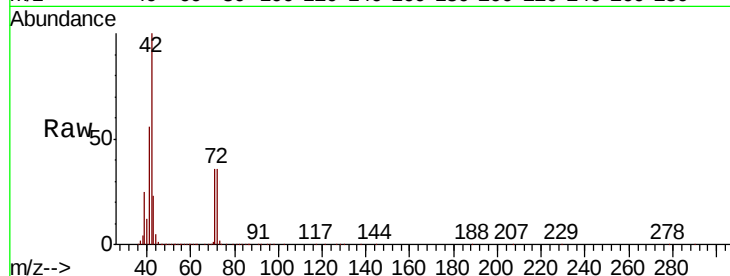
Delta R.T. 0.02 min

Lab File: ClientSampleId: VSTDCCC010

Acq: 7 Apr 2022 9:40

Tot Ion: 42 Resp: 1345150

Ion	Ratio	Lower	Upper
42	100		
72	38.7	31.4	47.0
71	37.2	30.2	45.4



#42

Bromodichloromethane

Concen: 10.481 ppbv

RT: 7.80 min Scan# 1560

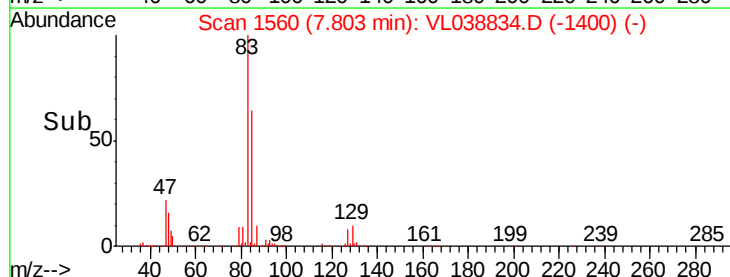
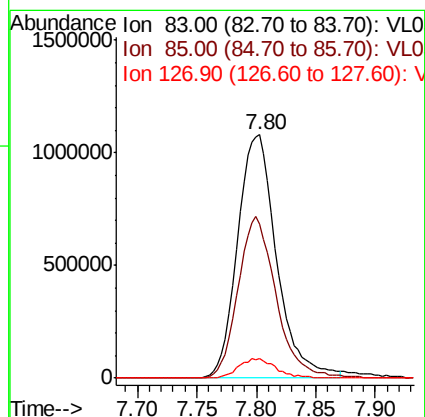
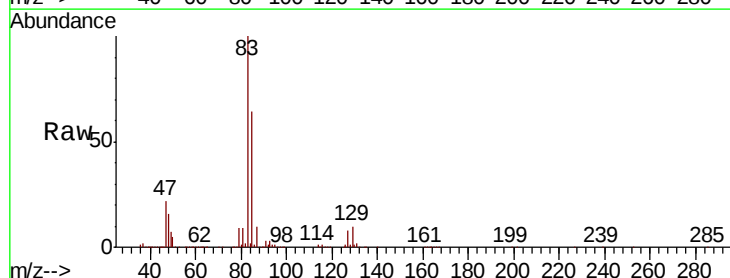
Delta R.T. 0.02 min

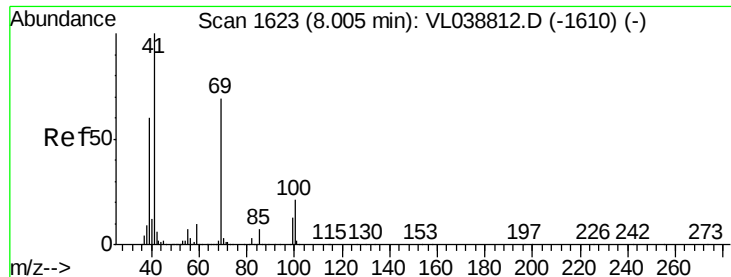
Lab File: VL038834.D

Acq: 7 Apr 2022 9:40

Tgt Ion: 83 Resp: 2463951

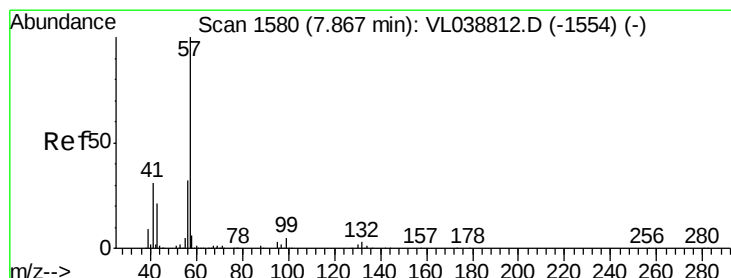
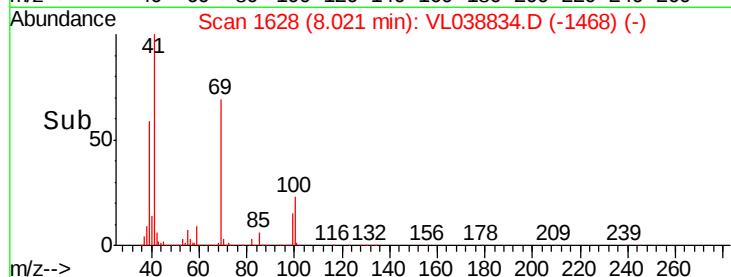
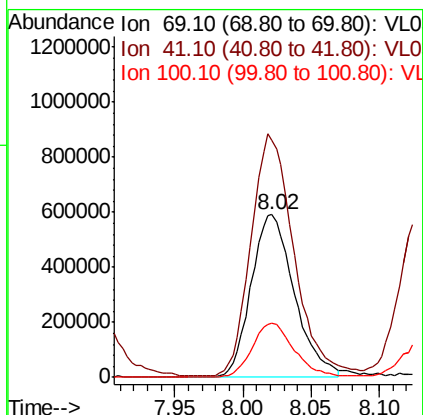
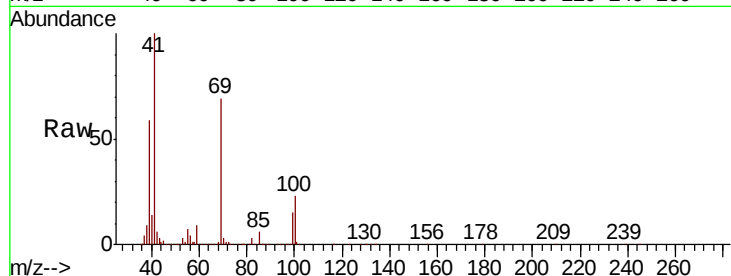
Ion	Ratio	Lower	Upper
83	100		
85	63.5	51.7	77.5
127	7.8	5.9	8.9





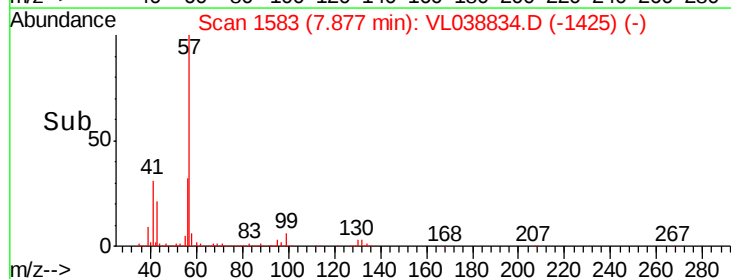
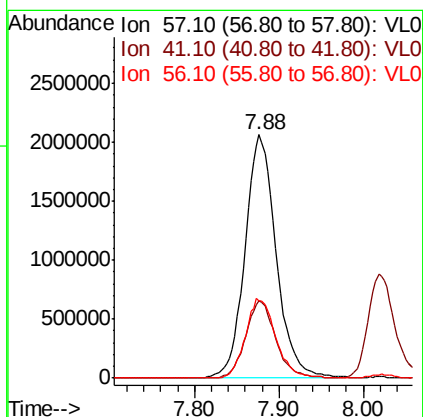
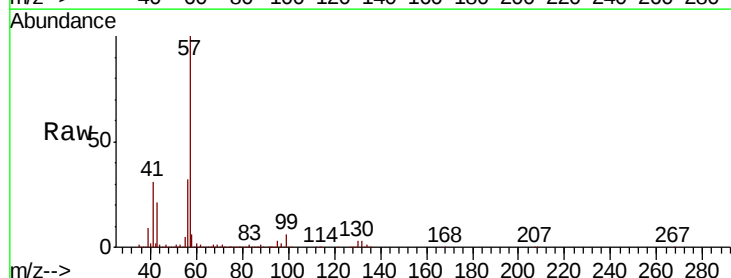
#43
Methyl Methacrylate
Concen: 10.443 ppbv
RT: 8.02
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
VSTDCCC010
Acq: 7 Apr 2022 9:40

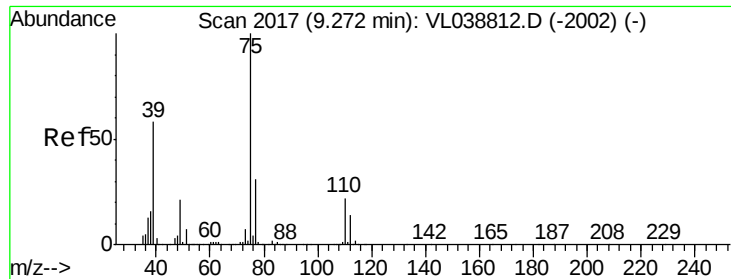
Tot Ion: 69 Resp: 1302440
Ion Ratio Lower Upper
69 100
41 150.1 119.0 178.4
100 33.0 26.4 39.6



#44
2,2,4-Trimethylpentane
Concen: 9.604 ppbv
RT: 7.88 min Scan# 1583
Delta R.T.: 0.01 min
Lab File: VL038834.D
Acq: 7 Apr 2022 9:40

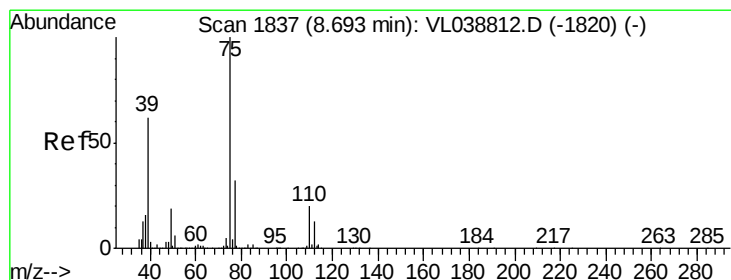
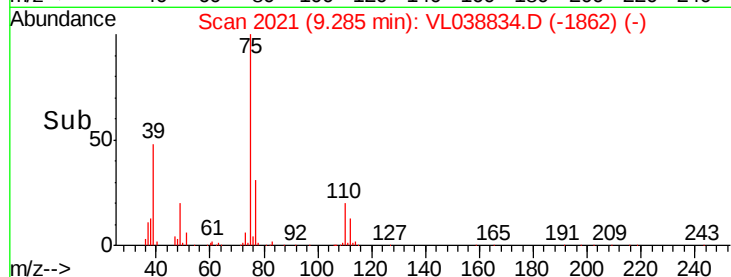
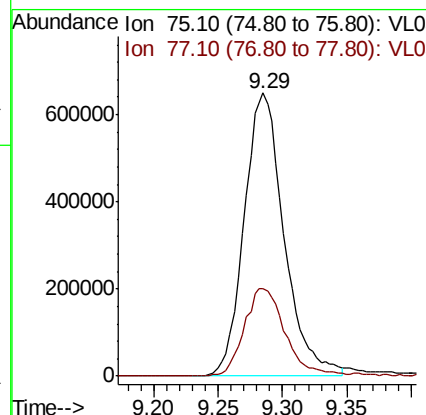
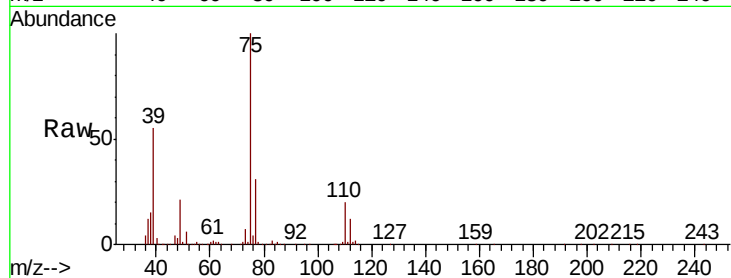
Tgt Ion: 57 Resp: 5294692
Ion Ratio Lower Upper
57 100
41 30.8 25.0 37.4
56 31.8 25.3 37.9





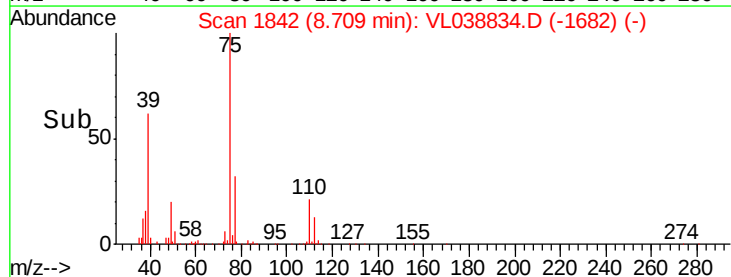
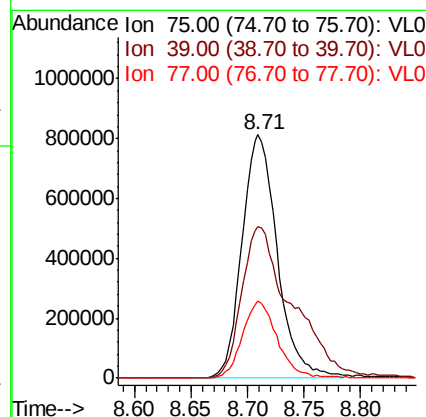
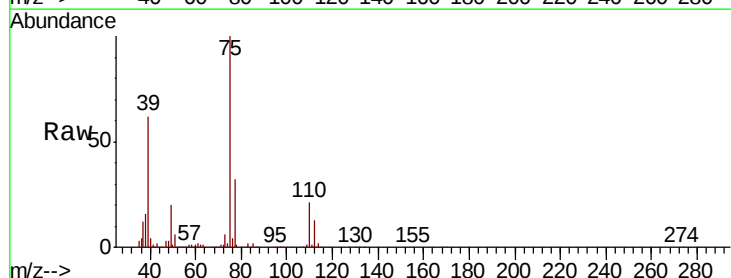
#45
t-1,3-Dichloropropene
Concen: 10.693 ppbv
RT: 9.29
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
VSTDCCC010
Acq: 7 Apr 2022 9:40

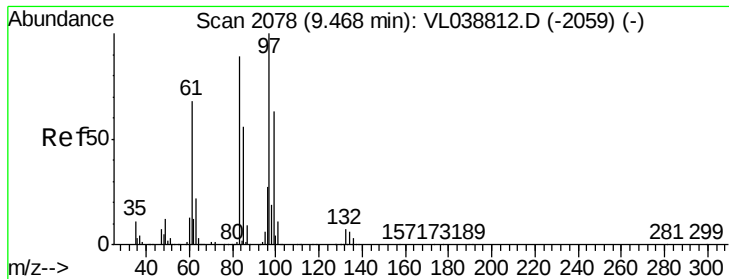
Tot Ion: 75 Resp: 1394449
Ion Ratio Lower Upper
75 100
77 30.8 25.0 37.4



#46
cis-1,3-Dichloropropene
Concen: 10.266 ppbv
RT: 8.71 min Scan# 1842
Delta R.T. 0.02 min
Lab File: VL038834.D
Acq: 7 Apr 2022 9:40

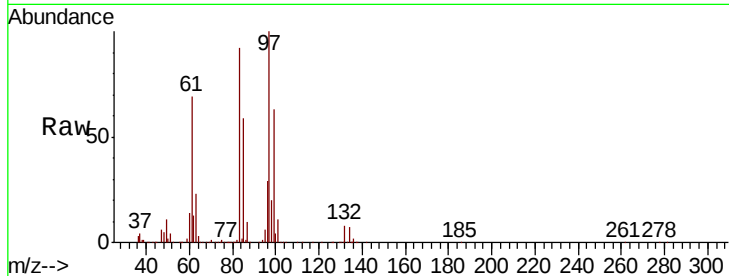
Tgt Ion: 75 Resp: 1765062
Ion Ratio Lower Upper
75 100
39 62.3 49.7 74.5
77 31.6 25.6 38.4





#47
 1,1,2-Trichloroethane
 Concen: 10.025 ppbv
 RT: 9.48 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId :
 VSTDCCC010
 Acq: 7 Apr 2022 9:40

Tot Ion:	97	Resp:	1279387
Ion	Ratio	Lower	Upper
97	100		
83	91.6	71.1	106.7
85	59.0	45.1	67.7
99	62.9	50.8	76.2



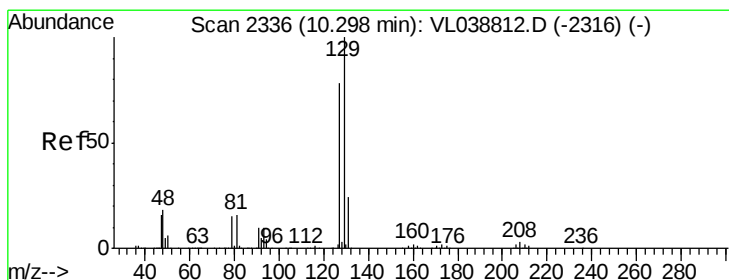
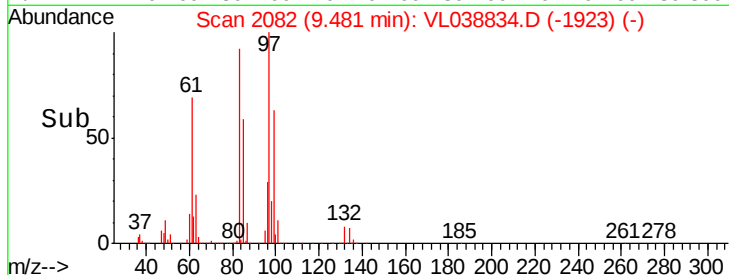
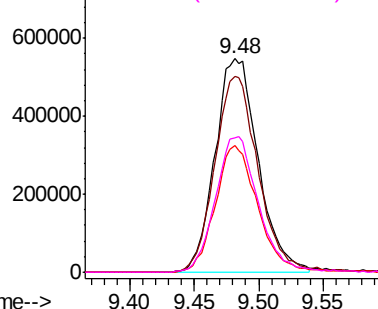
Abundance

Ion 97.00 (96.70 to 97.70): VL0

Ion 83.00 (82.70 to 83.70): VL0

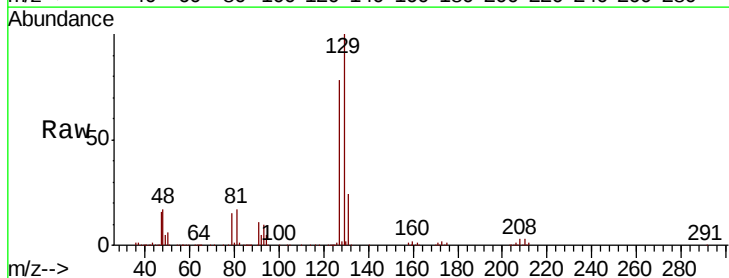
Ion 85.00 (84.70 to 85.70): VL0

Ion 99.00 (98.70 to 99.70): VL0



#48
 Dibromochloromethane
 Concen: 10.349 ppbv
 RT: 10.31 min Scan# 2340
 Delta R.T.: 0.01 min
 Lab File: VL038834.D
 Acq: 7 Apr 2022 9:40

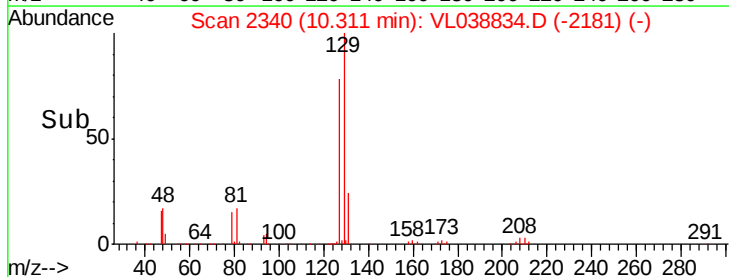
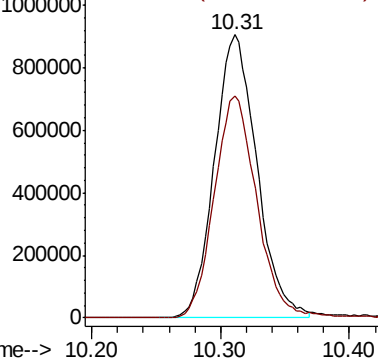
Tgt Ion:	129	Resp:	2069981
Ion	Ratio	Lower	Upper
129	100		
127	79.9	38.9	116.6

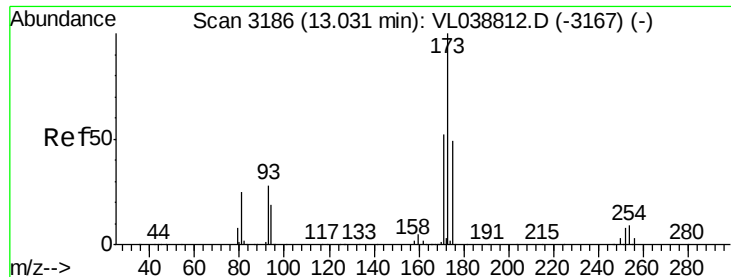


Abundance

Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V





#49

Bromoform

Concen: 10.353 ppbv

RT: 13.05

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 7 Apr 2022 9:40

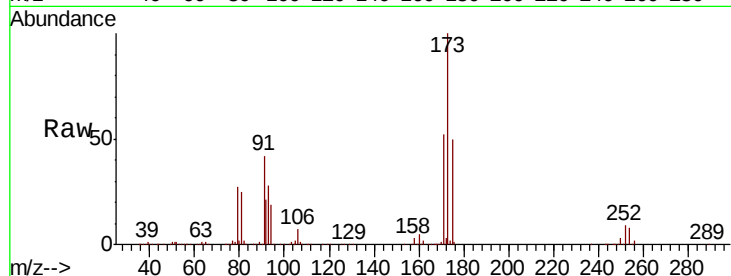
Tot Ion:173 Resp: 1640132

Ion Ratio Lower Upper

173 100

175 51.3 39.9 59.9

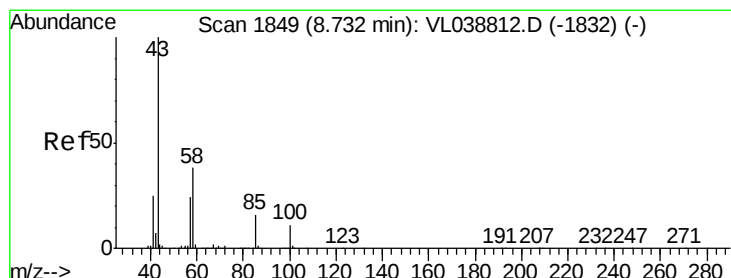
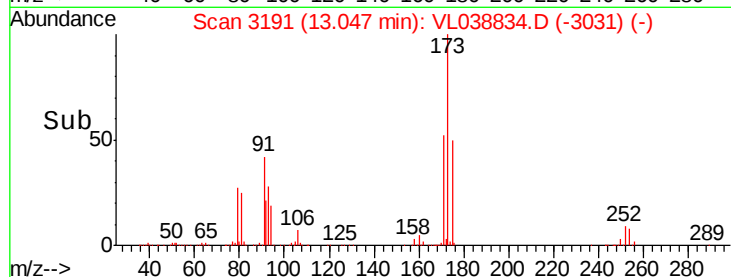
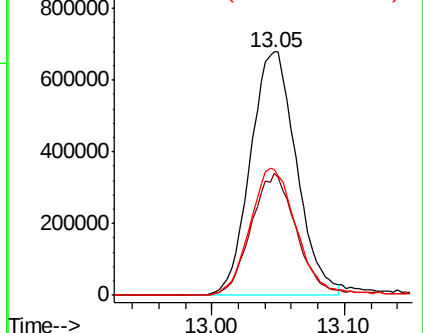
171 53.0 43.4 65.0



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: 10.371 ppbv

RT: 8.74 min Scan# 1853

Delta R.T. 0.01 min

Lab File: VL038834.D

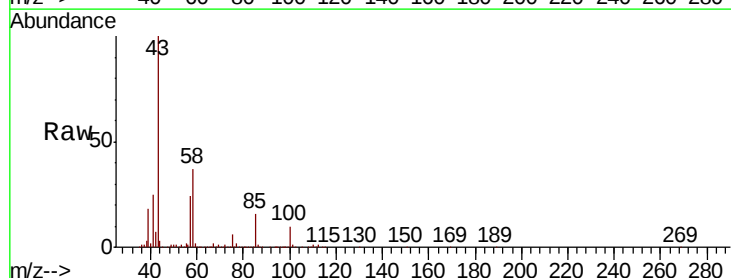
Acq: 7 Apr 2022 9:40

Tgt Ion: 43 Resp: 3299449

Ion Ratio Lower Upper

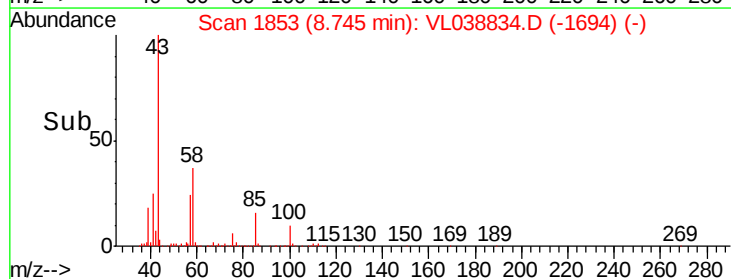
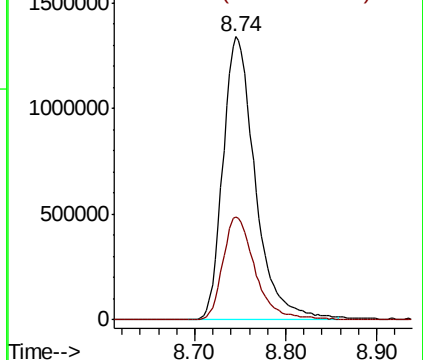
43 100

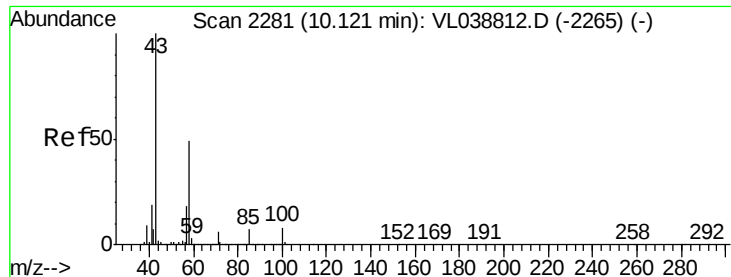
58 36.8 29.0 43.6



Abundance Ion 43.10 (42.80 to 43.80): VL0

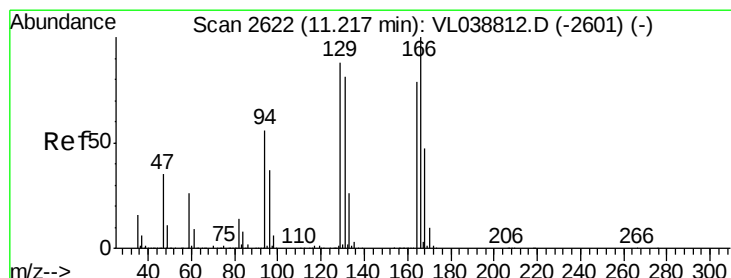
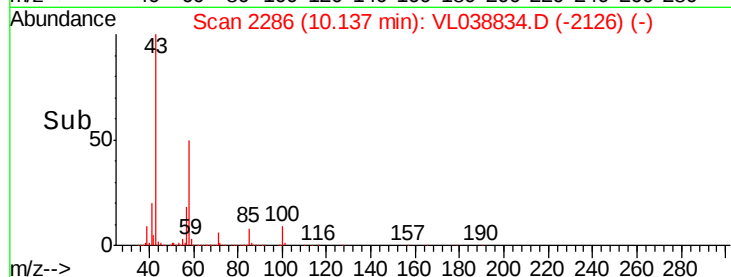
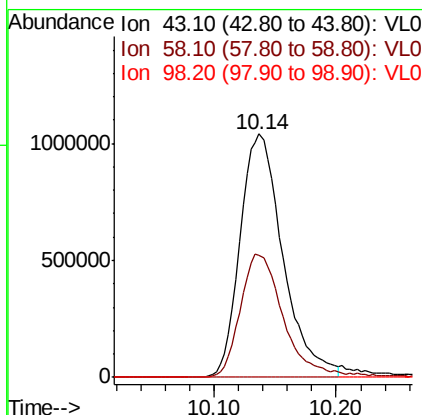
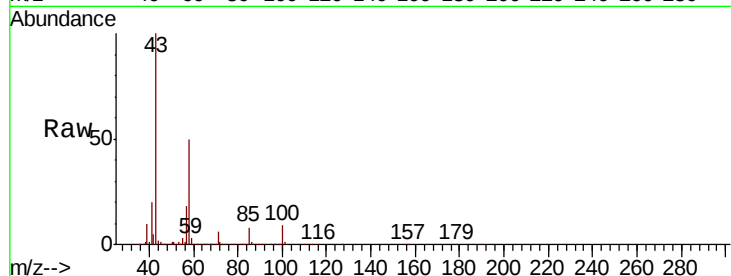
Ion 58.10 (57.80 to 58.80): VL0





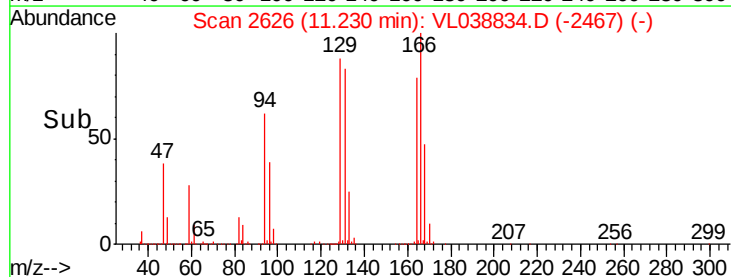
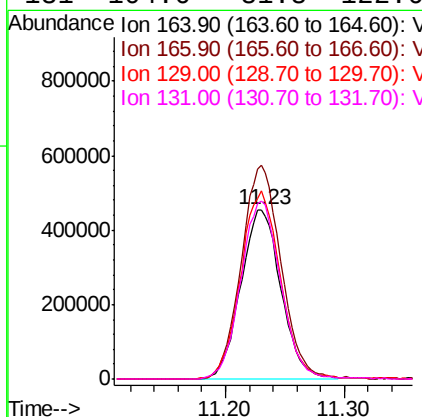
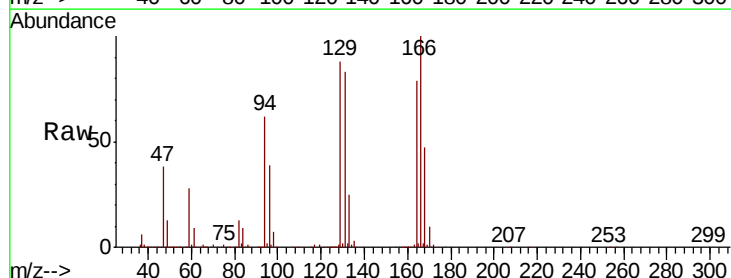
#51
2-Hexanone
Concen: 10.515 ppbv
RT: 10.14 min
Instrument: MSVOA_1
Delta R.T.: 0.01 min
Lab File: ClientSampleId : VSTDCCC010
Acq: 7 Apr 2022 9:40

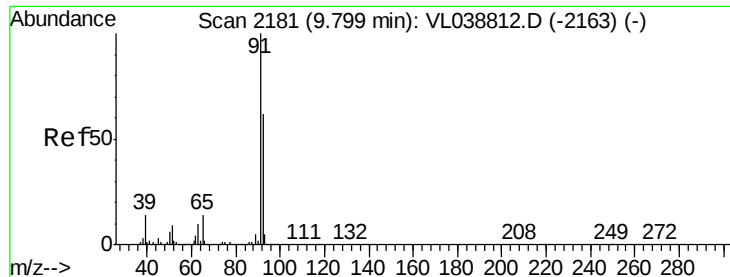
Tot Ion: 43 Resp: 2520579
Ion Ratio Lower Upper
43 100
58 52.1 41.4 62.0
98 0.1 0.1 0.1#



#52
Tetrachloroethene
Concen: 9.321 ppbv
RT: 11.23 min Scan# 2626
Delta R.T.: 0.01 min
Lab File: VL038834.D
Acq: 7 Apr 2022 9:40

Tgt Ion: 164 Resp: 1060109
Ion Ratio Lower Upper
164 100
166 126.0 101.0 151.6
129 111.2 88.7 133.1
131 104.6 81.8 122.6





#53

Toluene

Concen: 9.853 ppbv

RT: 9.81 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

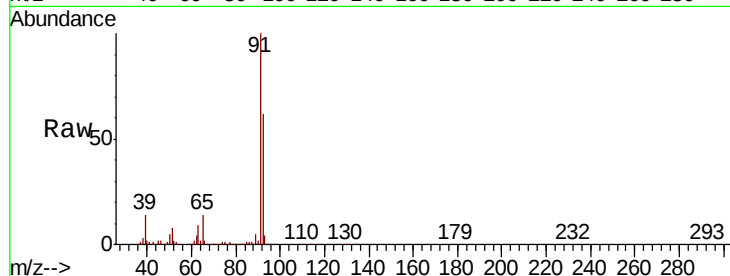
Acq: 7 Apr 2022 9:40 VSTDCCC010

Tot Ion: 91 Resp: 3703701

Ion Ratio Lower Upper

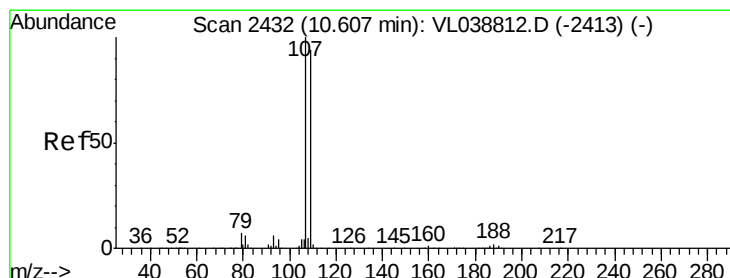
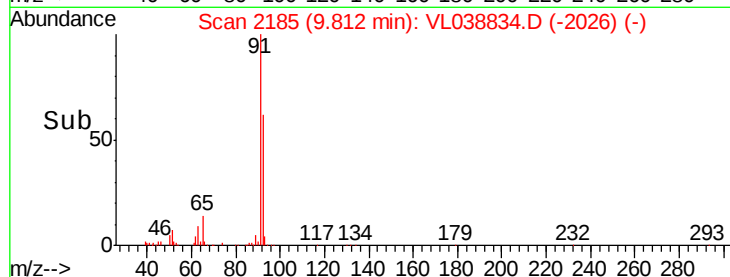
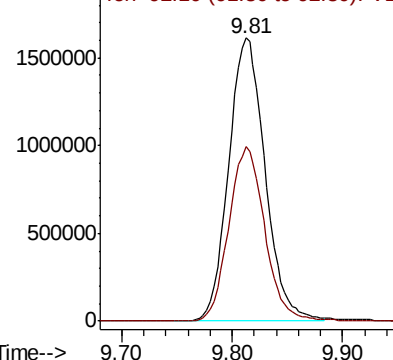
91 100

92 61.2 49.2 73.8



Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 92.10 (91.80 to 92.80): VL0



#54

1,2-Dibromoethane

Concen: 10.389 ppbv

RT: 10.62 min Scan# 2435

Delta R.T. 0.01 min

Lab File: VL038834.D

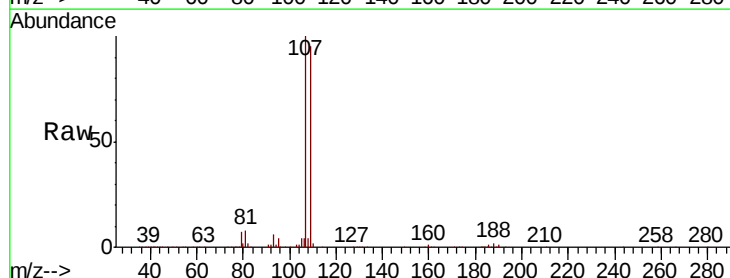
Acq: 7 Apr 2022 9:40

Tgt Ion: 107 Resp: 1841630

Ion Ratio Lower Upper

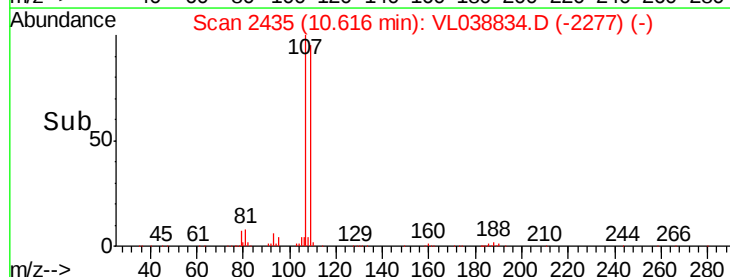
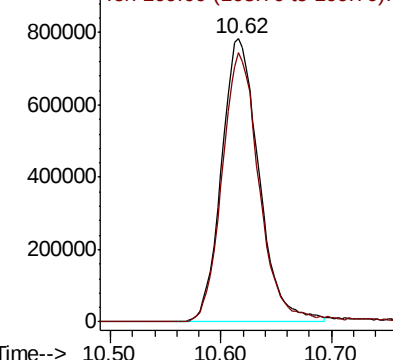
107 100

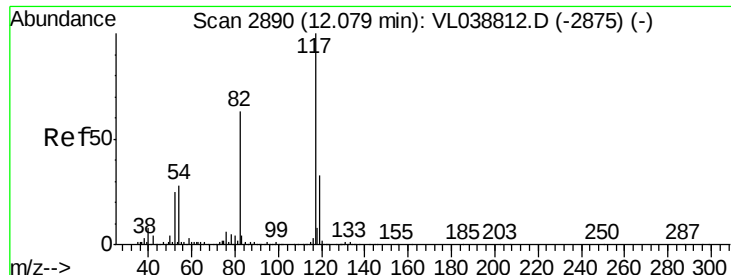
109 95.3 75.5 113.3



Abundance Ion 107.00 (106.70 to 107.70): V

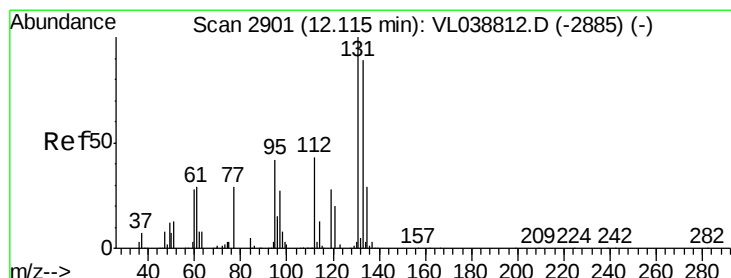
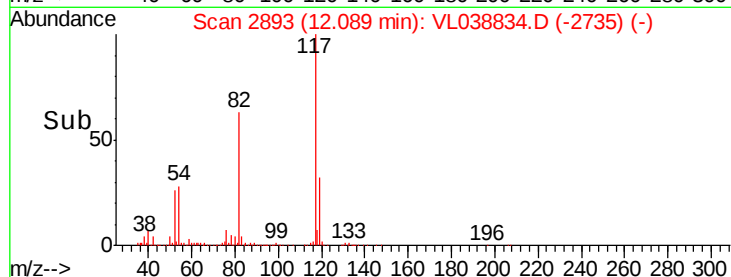
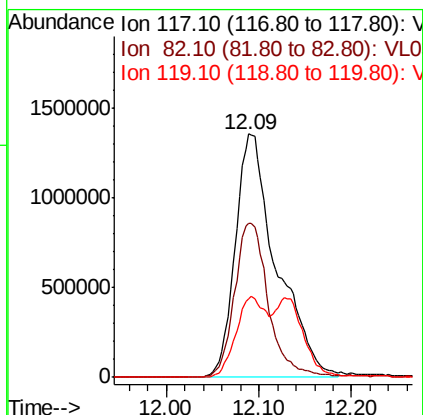
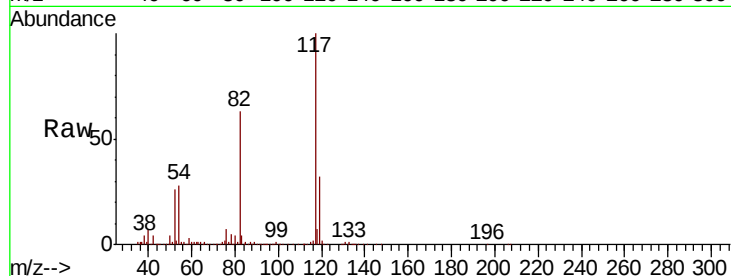
Ion 109.00 (108.70 to 109.70): V





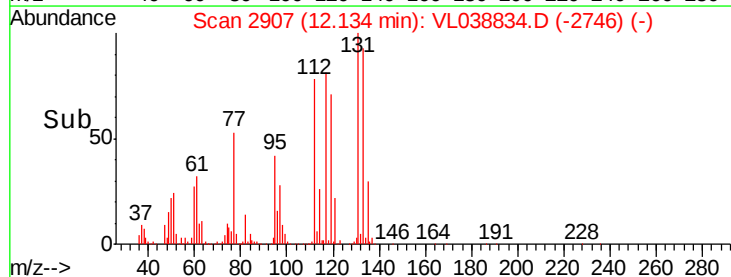
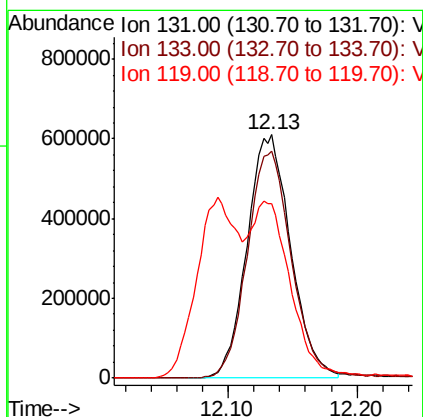
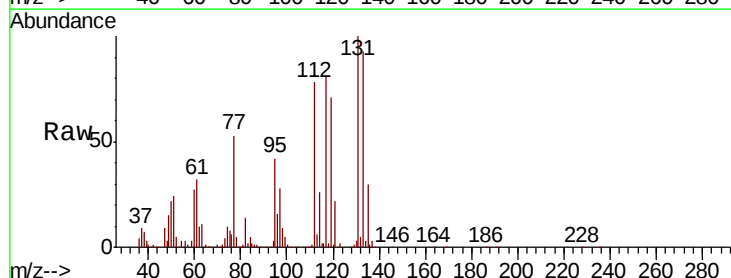
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.09 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 7 Apr 2022 9:40

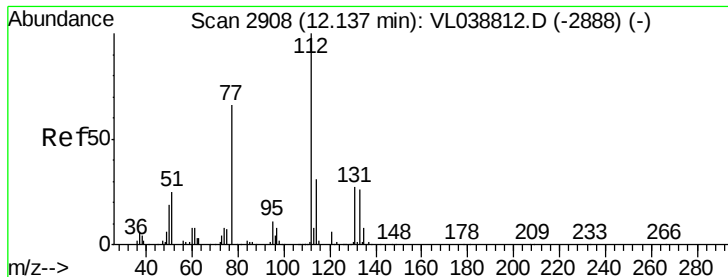
Tot Ion:117 Resp: 4192342
Ion Ratio Lower Upper
117 100
82 53.2 53.0 79.6
119 24.0 24.9 37.3#



#56
1,1,1,2-Tetrachloroethane
Concen: 7.812 ppbv
RT: 12.13 min Scan# 2907
Delta R.T.: 0.02 min
Lab File: VL038834.D
Acq: 7 Apr 2022 9:40

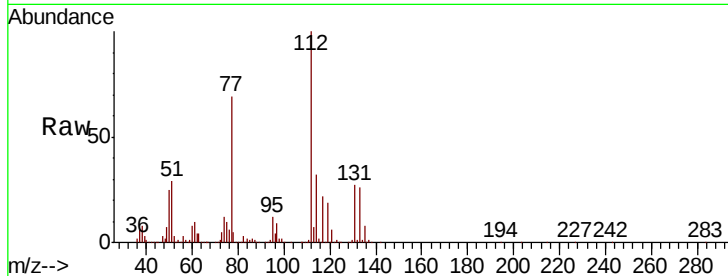
Tgt Ion:131 Resp: 1435301
Ion Ratio Lower Upper
131 100
133 95.3 78.2 117.4
119 65.2 58.6 87.8



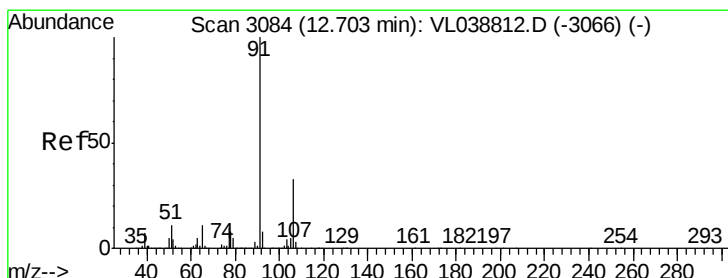
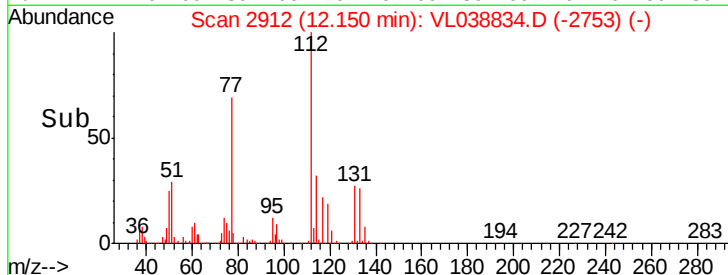
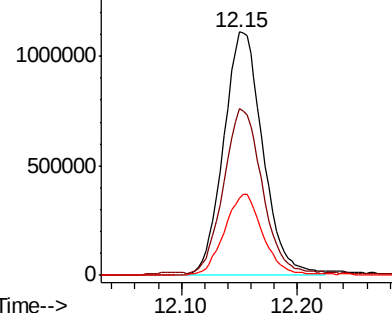


#57
Chlorobenzene
Concen: 7.606 ppbv
RT: 12.15 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 7 Apr 2022 9:40

Tot Ion: 112 Resp: 2611712
Ion Ratio Lower Upper
112 100
77 67.5 52.4 78.6
114 31.8 28.1 34.3

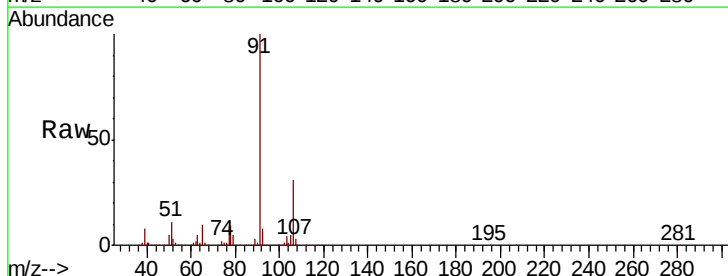


Abundance Ion 112.10 (111.80 to 112.80): V
1500000 Ion 77.10 (76.80 to 77.80): VL0
Ion 114.10 (113.80 to 114.80): V

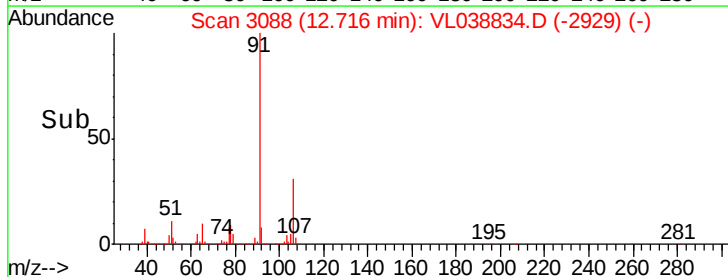
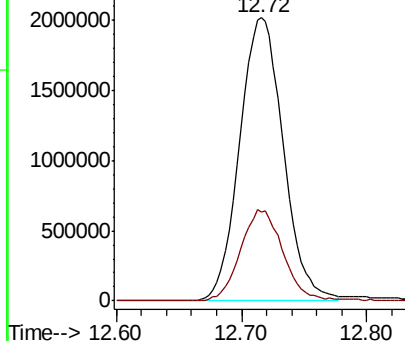


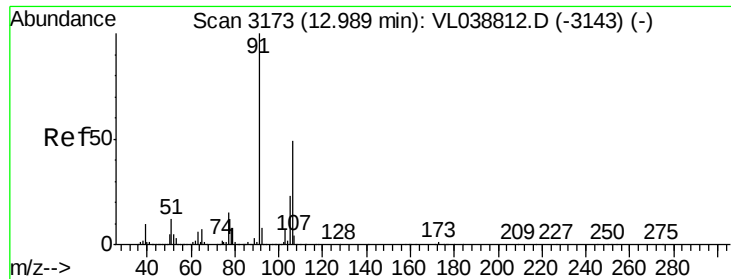
#58
Ethyl Benzene
Concen: 7.778 ppbv
RT: 12.72 min Scan# 3088
Delta R.T.: 0.01 min
Lab File: VL038834.D
Acq: 7 Apr 2022 9:40

Tgt Ion: 91 Resp: 4872802
Ion Ratio Lower Upper
91 100
106 31.2 26.7 40.1



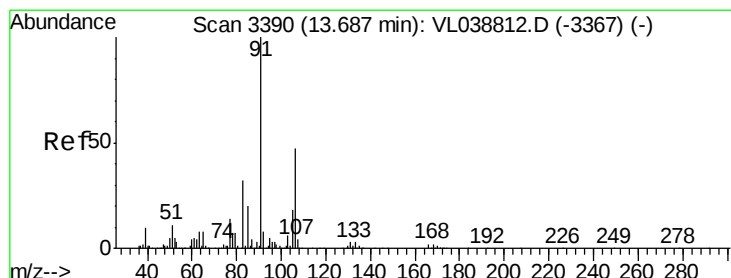
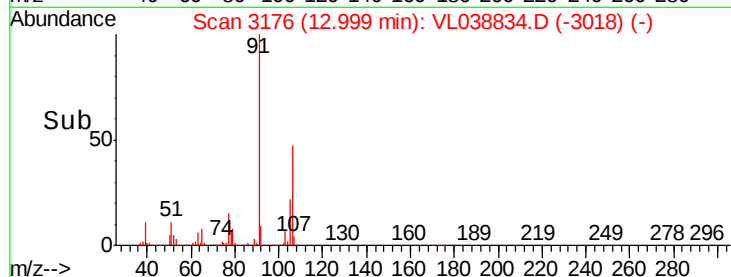
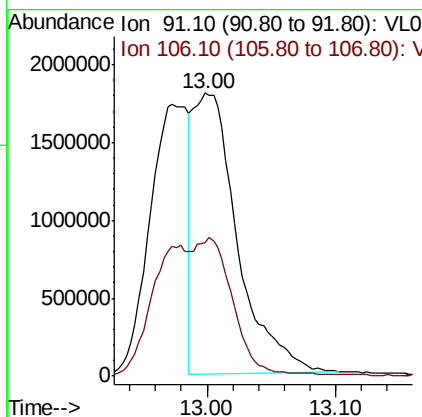
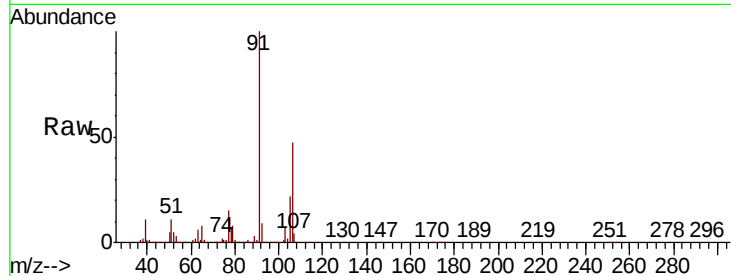
Abundance Ion 91.10 (90.80 to 91.80): VL0
Ion 106.10 (105.80 to 106.80): V





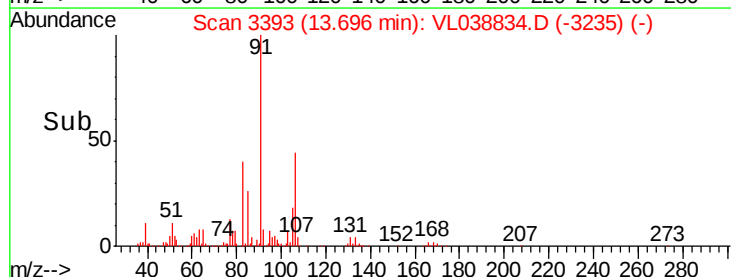
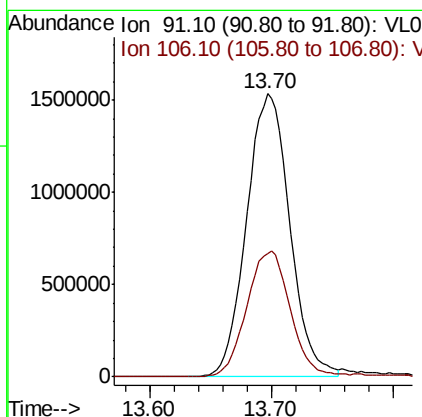
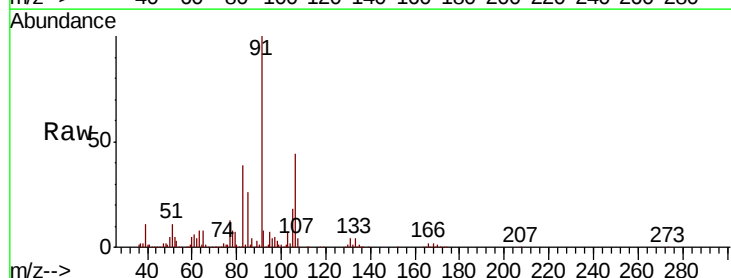
#59
m/p-Xylene
Concen: 8.145 ppbv
RT: 13.00 min
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 7 Apr 2022 9:40

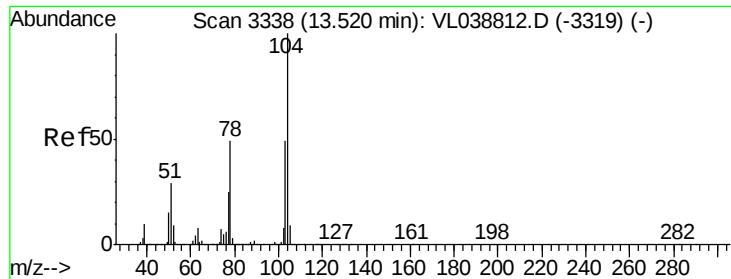
Tot Ion: 91 Resp: 4286704
Ion Ratio Lower Upper
91 100
106 84.7 37.1 55.7#



#60
o-Xylene
Concen: 7.629 ppbv
RT: 13.70 min Scan# 3393
Delta R.T. 0.01 min
Lab File: VL038834.D
Acq: 7 Apr 2022 9:40

Tgt Ion: 91 Resp: 3757396
Ion Ratio Lower Upper
91 100
106 45.8 23.8 71.4

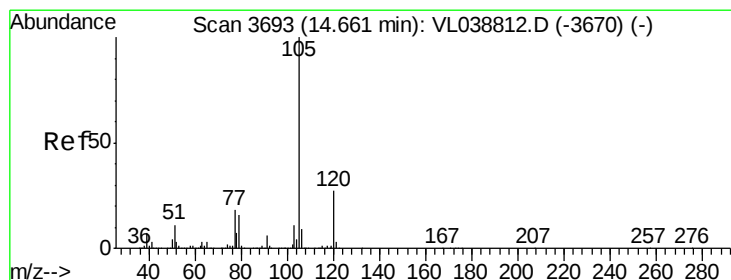
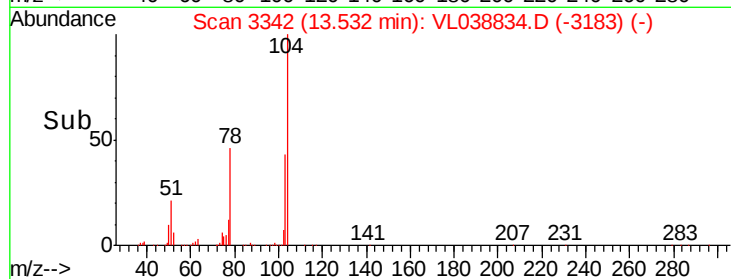
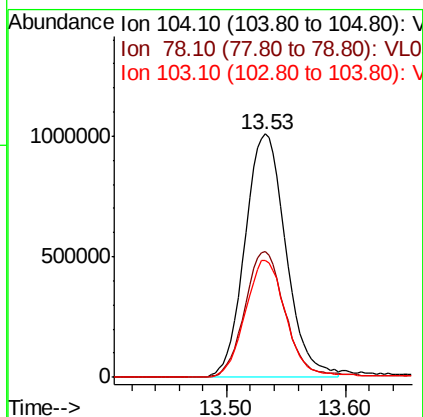
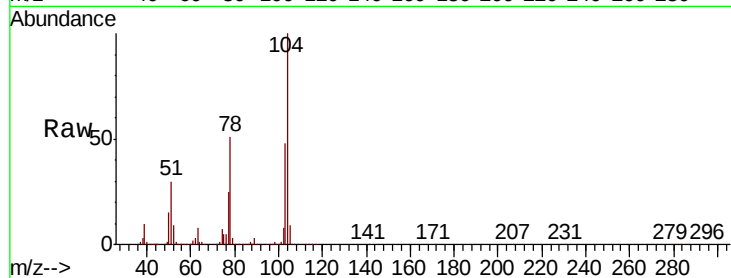




#61
Stvrene
Concen: 8.021 ppbv
RT: 13.53 min
Delta R.T.: 0.01 min
Lab File: VL038834.D
Acq: 7 Apr 2022 9:40

Tot Ion:104 Resp: 2406580

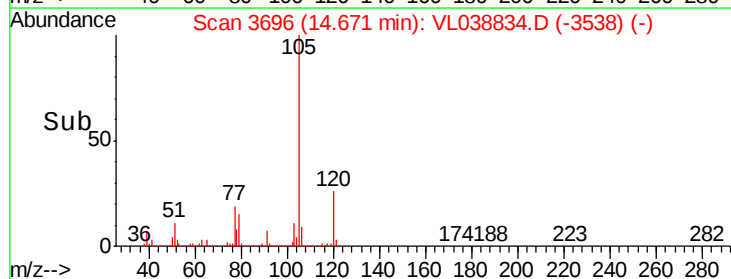
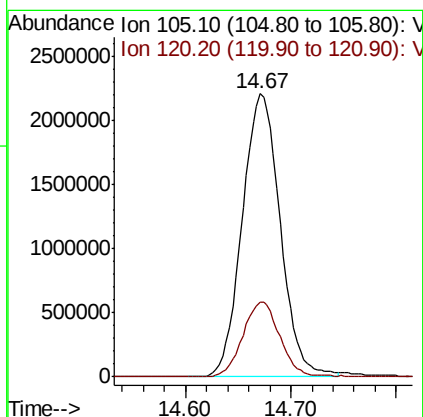
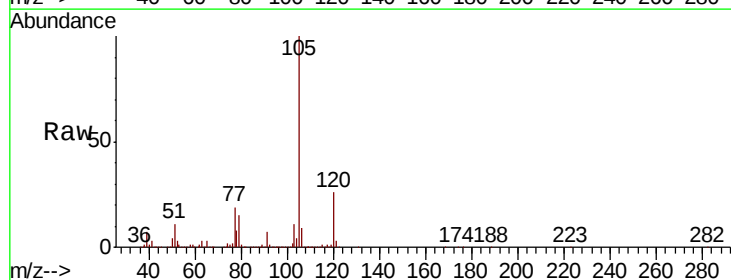
Ion	Ratio	Lower	Upper
104	100		
78	51.9	40.5	60.7
103	48.6	39.0	58.4

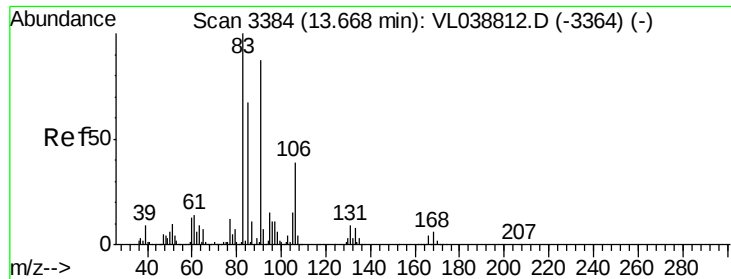


#62
Isopropylbenzene
Concen: 7.494 ppbv
RT: 14.67 min Scan# 3696
Delta R.T.: 0.01 min
Lab File: VL038834.D
Acq: 7 Apr 2022 9:40

Tgt Ion:105 Resp: 5539447

Ion	Ratio	Lower	Upper
105	100		
120	26.3	21.8	32.8

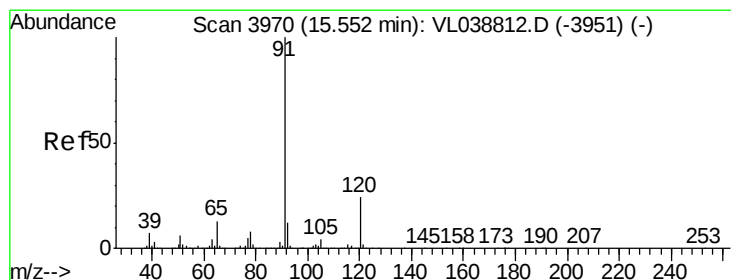
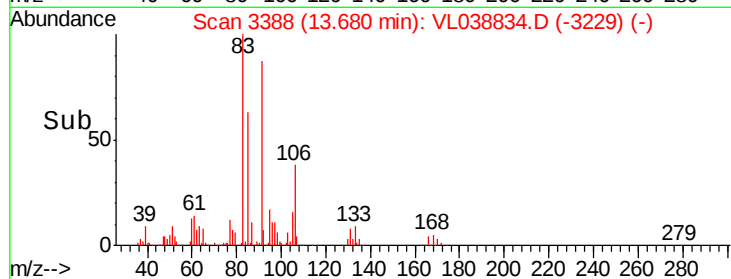
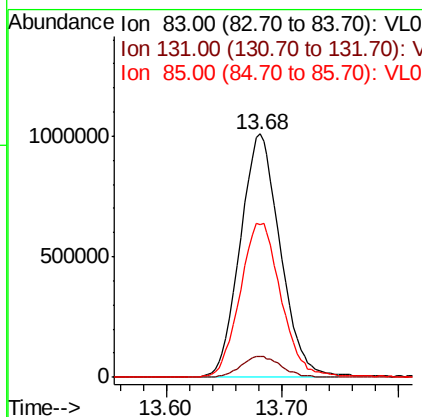
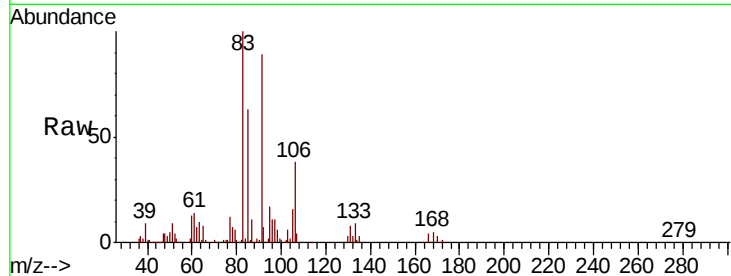




#63
 1,1,2,2-Tetrachloroethane
 Concen: 7.753 ppbv
 RT: 13.68 min
 Delta R.T. 0.01 min
 Lab File: VL038834.D
 Acq: 7 Apr 2022 9:40

Tot Ion: 83 Resp: 2418283

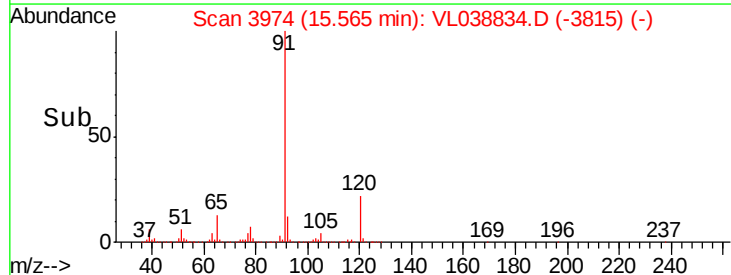
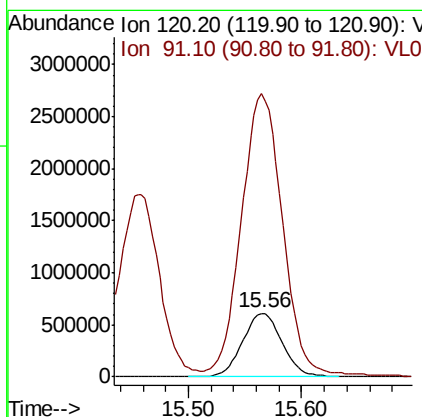
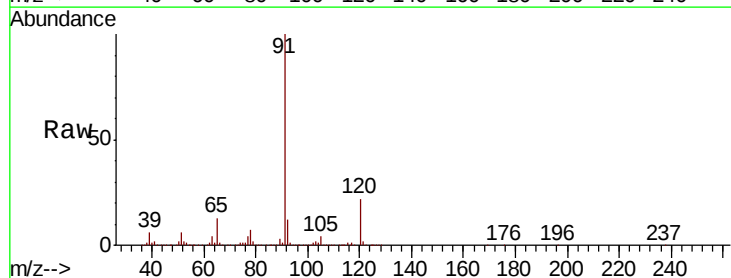
Ion	Ratio	Lower	Upper
83	100		
131	8.9	4.6	13.8
85	65.7	33.0	99.0

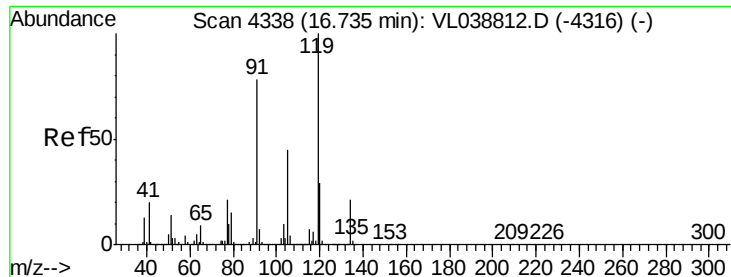


#64
 n-propylbenzene
 Concen: 7.698 ppbv
 RT: 15.56 min Scan# 3974
 Delta R.T. 0.01 min
 Lab File: VL038834.D
 Acq: 7 Apr 2022 9:40

Tgt Ion: 120 Resp: 1477521

Ion	Ratio	Lower	Upper
120	100		
91	468.6	360.6	540.8

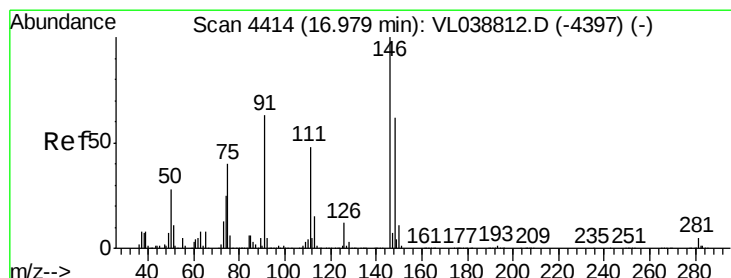
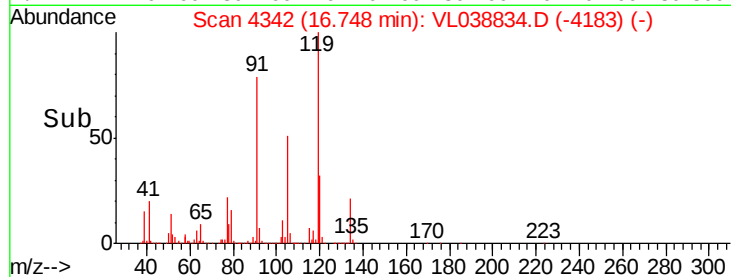
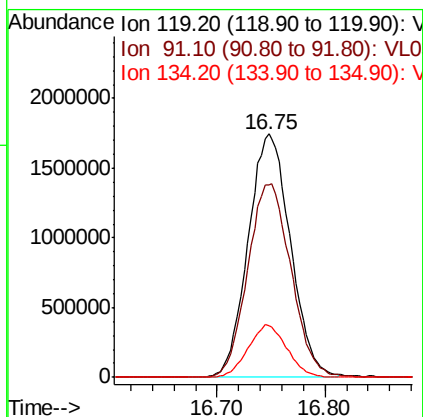
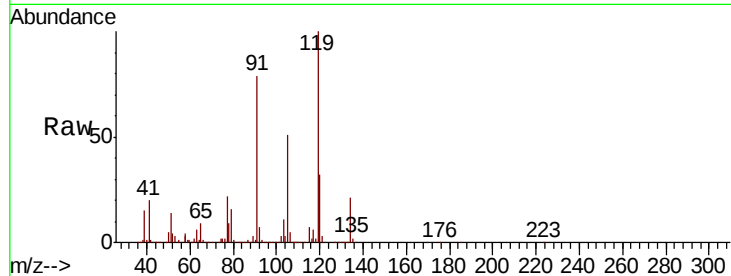




#65
 tert-Butylbenzene
 Concen: 7.222 ppbv
 RT: 16.75 min
 Delta R.T. 0.01 min
 Lab File: VSTDCCC010
 Acq: 7 Apr 2022 9:40

Tot Ion: 119 Resp: 4736282

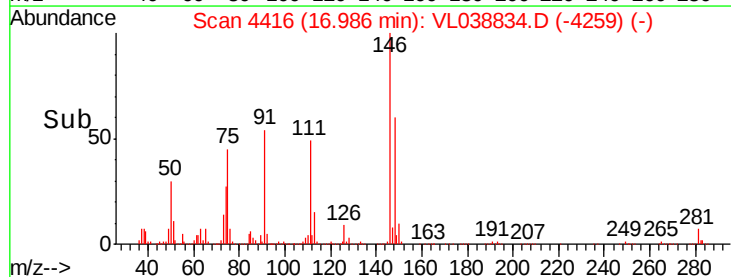
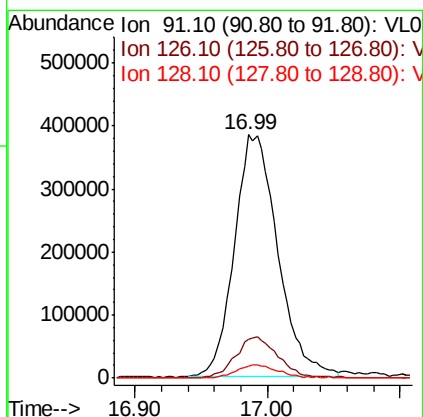
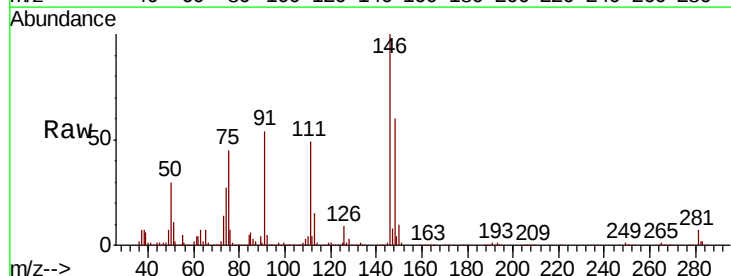
Ion	Ratio	Lower	Upper
119	100		
91	81.6	62.8	94.2
134	19.9	16.2	24.4

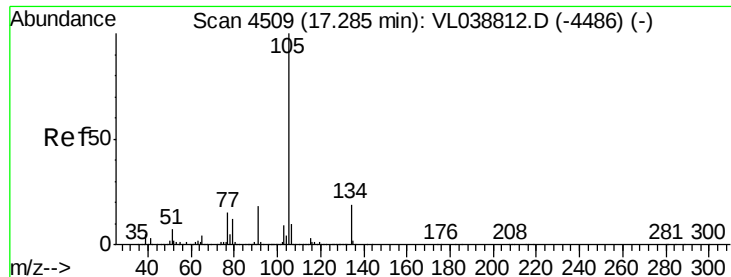


#66
 Benzyl Chloride
 Concen: 6.523 ppbv
 RT: 16.99 min Scan# 4416
 Delta R.T. 0.01 min
 Lab File: VL038834.D
 Acq: 7 Apr 2022 9:40

Tgt Ion: 91 Resp: 870946

Ion	Ratio	Lower	Upper
91	100		
126	17.1	15.4	23.0
128	5.4	4.7	7.1





#67

sec-Butylbenzene

Concen: 7.423 ppbv

RT: 17.30 min

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

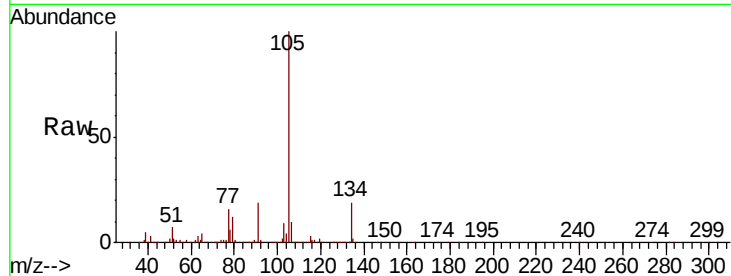
Acq: 7 Apr 2022 9:40

Tot Ion: 105 Resp: 6831575

Ion Ratio Lower Upper

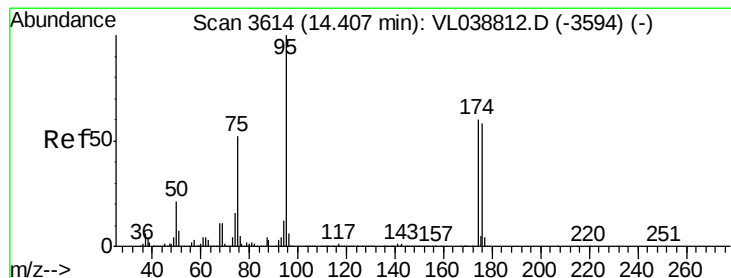
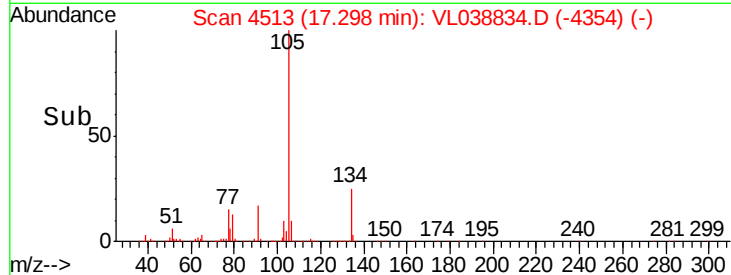
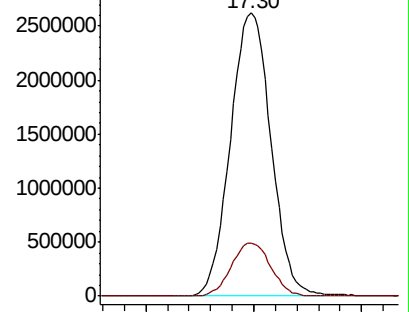
105 100

134 18.6 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: 7.958 ppbv

RT: 14.42 min Scan# 3617

Delta R.T. 0.01 min

Lab File: VL038834.D

Acq: 7 Apr 2022 9:40

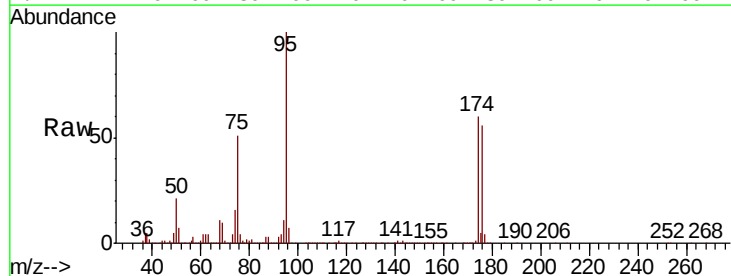
Tgt Ion: 95 Resp: 2530566

Ion Ratio Lower Upper

95 100

174 62.6 52.0 78.0

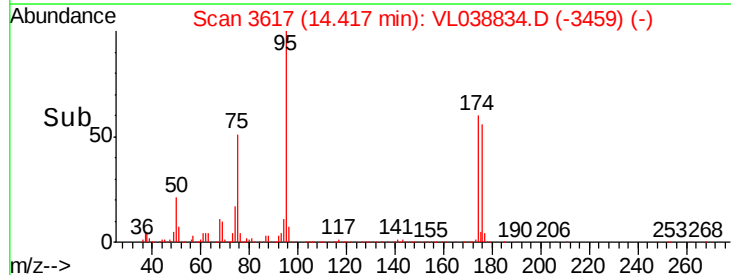
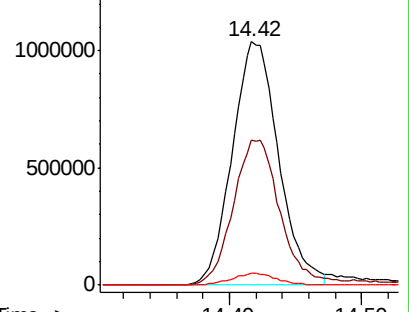
175 4.8 4.0 6.0

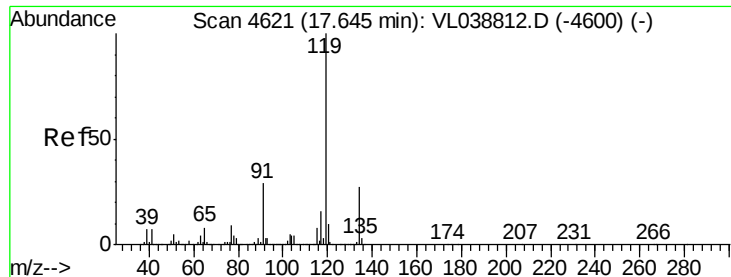


Abundance Ion 95.10 (94.80 to 95.80): VL0

Ion 174.00 (173.70 to 174.70): V

Ion 175.00 (174.70 to 175.70): V

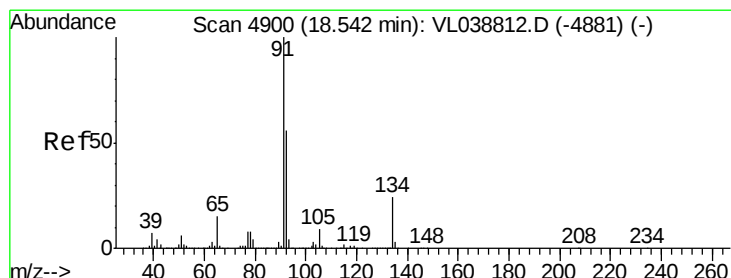
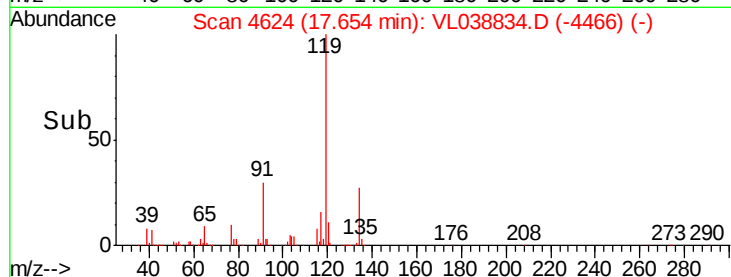
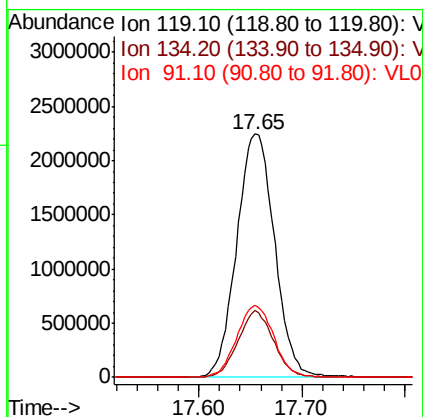
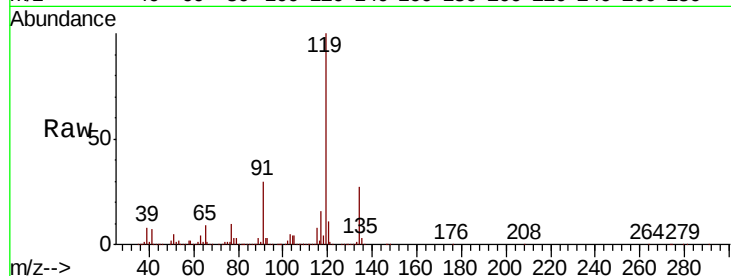




#69
 p-Isopropyltoluene
 Concen: 7.586 ppbv
 RT: 17.65 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 7 Apr 2022 9:40

Tot Ion: 119 Resp: 5732202

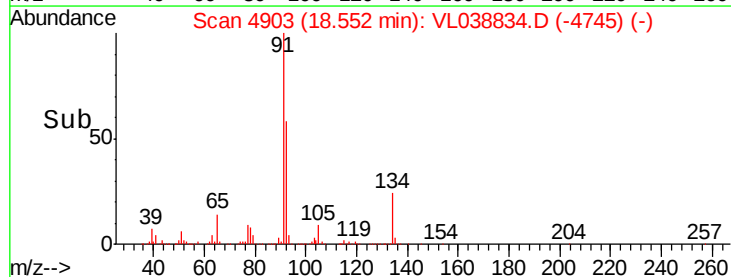
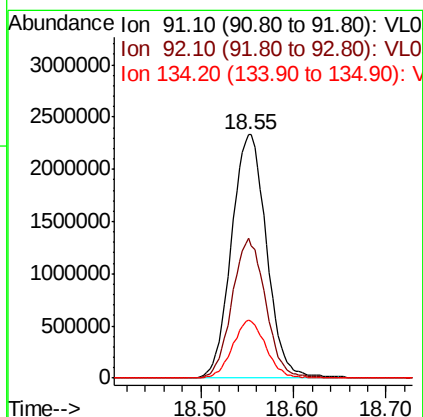
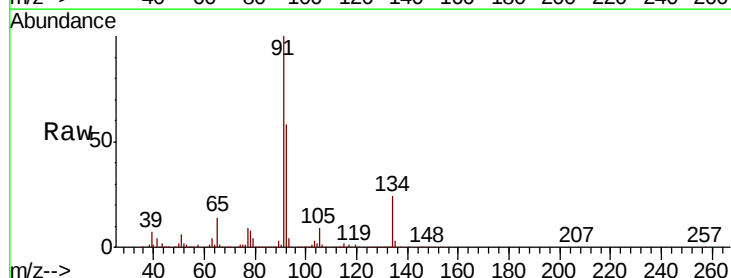
Ion	Ratio	Lower	Upper
119	100		
134	25.8	20.8	31.2
91	29.0	22.6	34.0

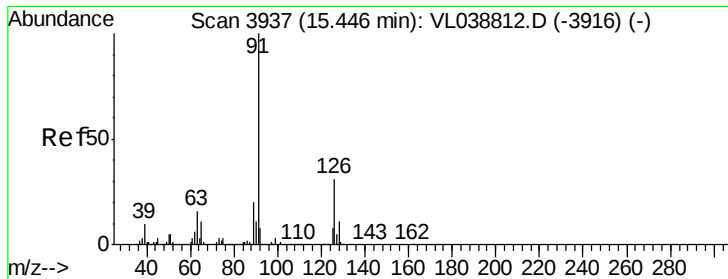


#70
 n-Butylbenzene
 Concen: 8.006 ppbv
 RT: 18.55 min Scan# 4903
 Delta R.T. 0.01 min
 Lab File: VL038834.D
 Acq: 7 Apr 2022 9:40

Tgt Ion: 91 Resp: 6094697

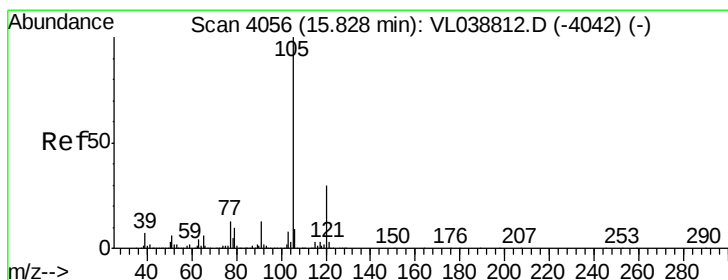
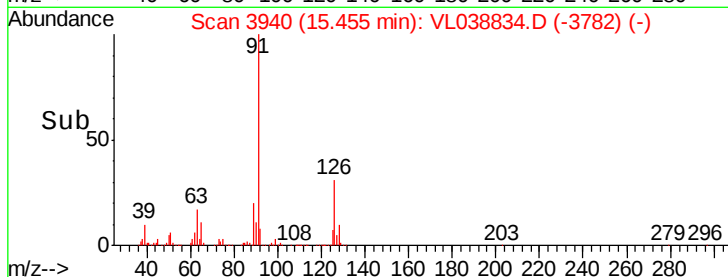
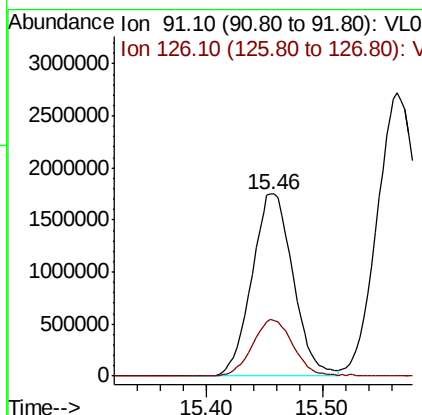
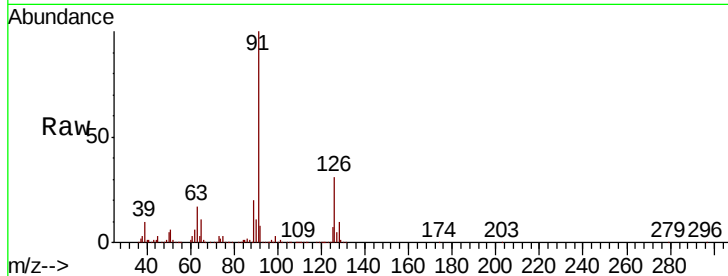
Ion	Ratio	Lower	Upper
91	100		
92	55.4	44.6	66.8
134	22.8	19.2	28.8





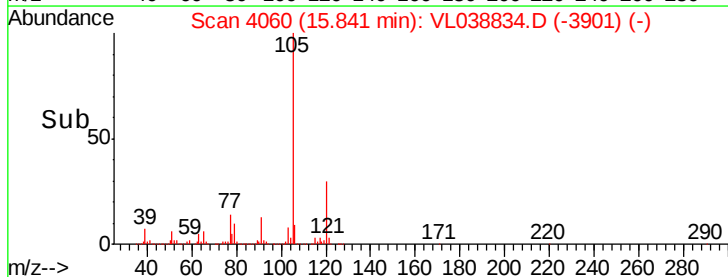
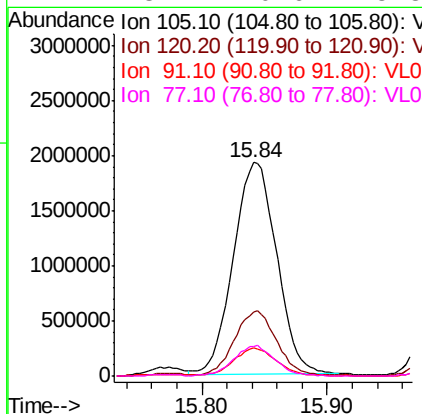
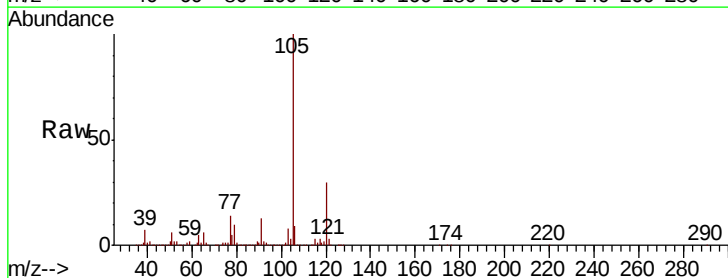
#71
 2-Chlorotoluene
 Concen: 7.794 ppbv
 RT: 15.46 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VSTDCCC010
 Acq: 7 Apr 2022 9:40

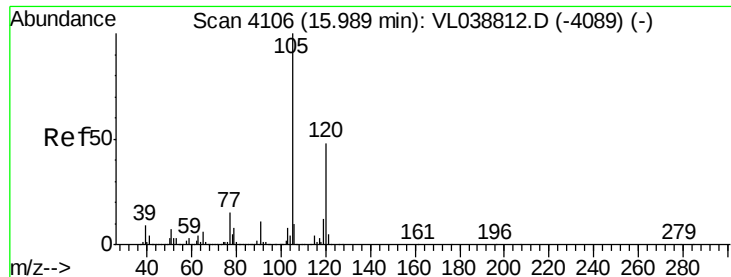
Tot Ion: 91 Resp: 4332370
 Ion Ratio Lower Upper
 91 100
 126 30.9 13.0 51.8



#72
 4-Ethyltoluene
 Concen: 7.855 ppbv
 RT: 15.84 min Scan# 4060
 Delta R.T. 0.01 min
 Lab File: VL038834.D
 Acq: 7 Apr 2022 9:40

Tgt Ion:105 Resp: 4619539
 Ion Ratio Lower Upper
 105 100
 120 30.3 24.3 36.5
 91 12.8 9.4 14.2
 77 13.7 10.6 15.8





#73

1,3,5-Trimethylbenzene

Concen: 7.854 ppbv

RT: 16.00

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

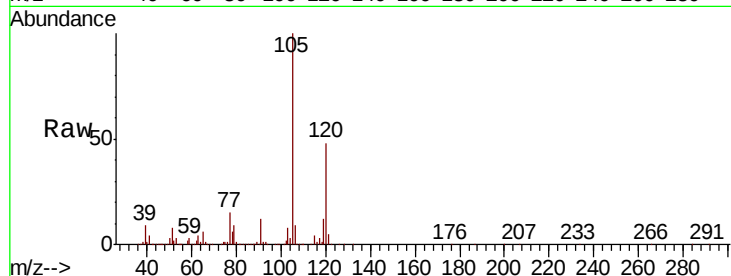
Acq: 7 Apr 2022 9:40

Tot Ion:105 Resp: 4149264

Ion Ratio Lower Upper

105 100

120 48.2 38.7 58.1



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V

2000000

1500000

1000000

500000

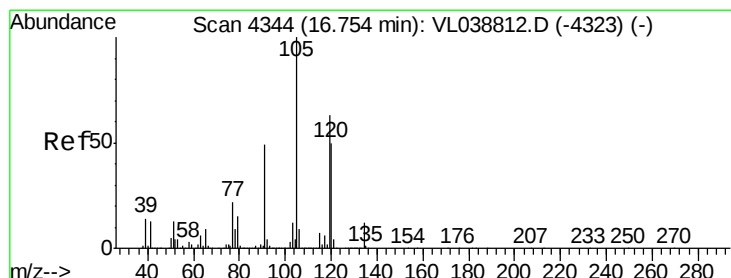
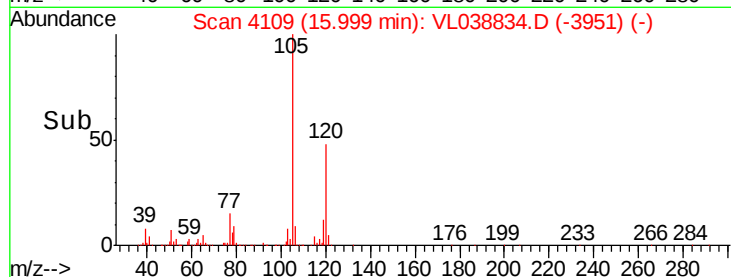
0

16.00

15.90

16.10

Time-->



#74

1,2,4-Trimethylbenzene

Concen: 7.588 ppbv

RT: 16.77 min Scan# 4348

Delta R.T. 0.01 min

Lab File: VL038834.D

Acq: 7 Apr 2022 9:40

Tgt Ion:105 Resp: 4237669

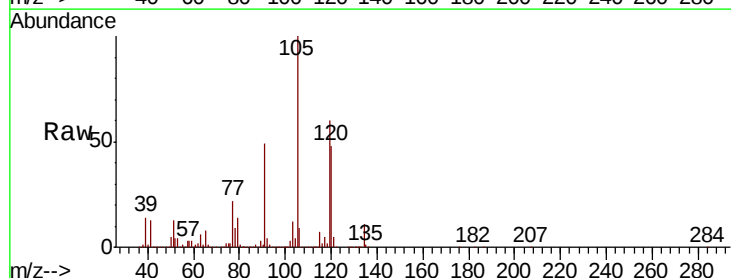
Ion Ratio Lower Upper

105 100

120 47.4 39.8 59.8

91 48.6 39.4 59.0

77 21.7 17.3 25.9



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

2500000

2000000

1500000

1000000

500000

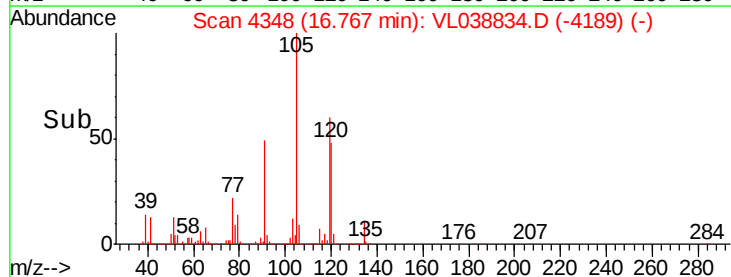
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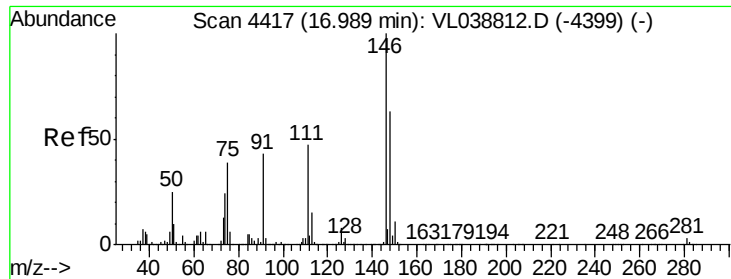
16.77

16.70

16.80

Time-->

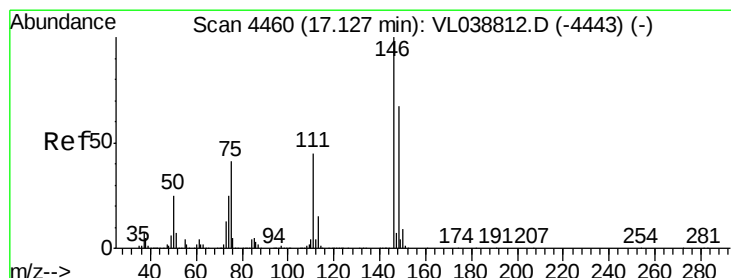
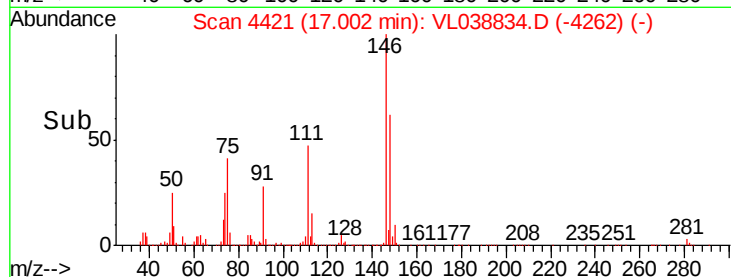
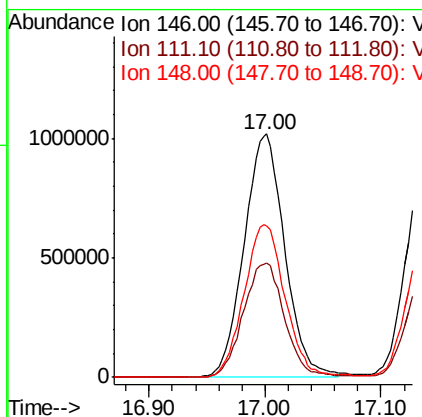
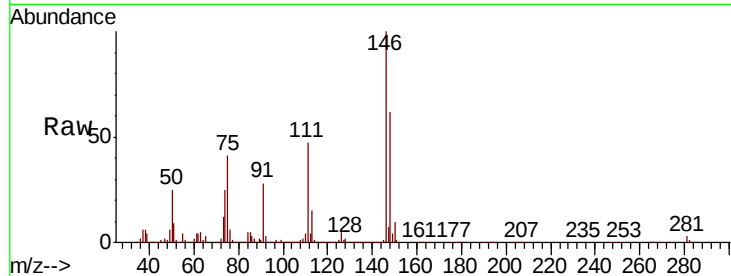




#75
 1,3-Dichlorobenzene
 Concen: 7.646 ppbv
 RT: 17.00 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId : VSTDCCC010
 Acq: 7 Apr 2022 9:40

Tot Ion:146 Resp: 2479215

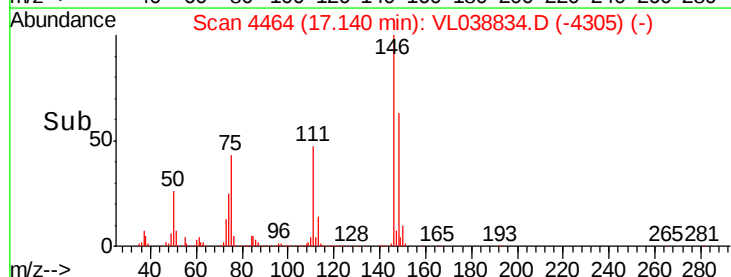
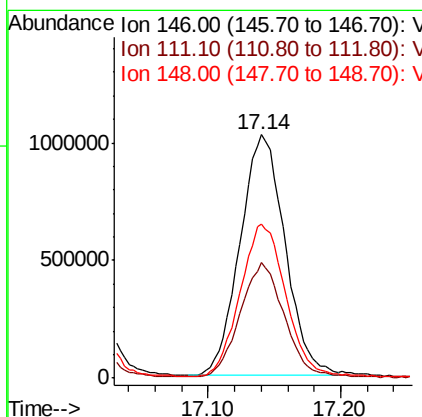
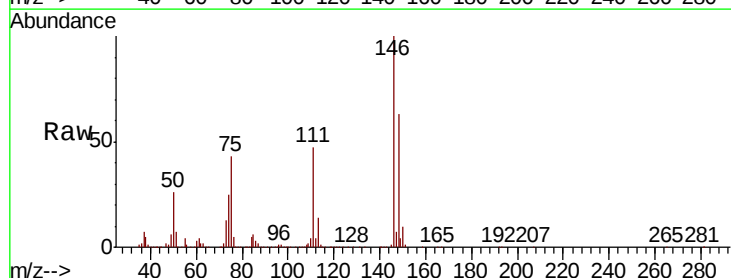
Ion	Ratio	Lower	Upper
146	100		
111	47.7	23.8	71.2
148	63.8	31.8	95.4

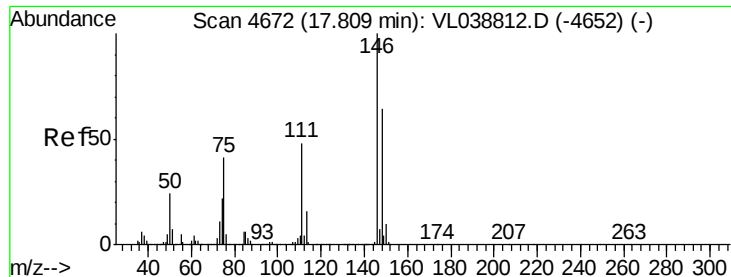


#76
 1,4-Dichlorobenzene
 Concen: 7.565 ppbv
 RT: 17.14 min Scan# 4464
 Delta R.T. 0.01 min
 Lab File: VL038834.D
 Acq: 7 Apr 2022 9:40

Tgt Ion:146 Resp: 2416168

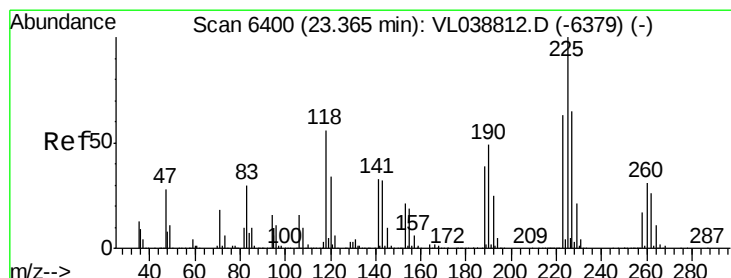
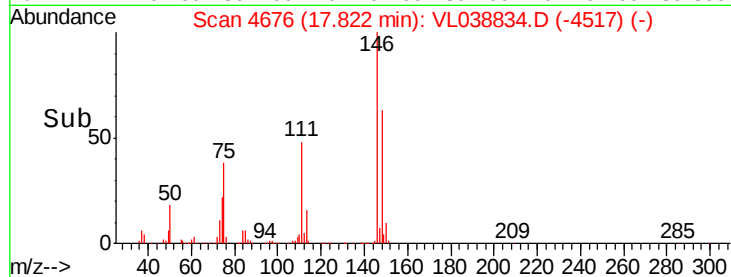
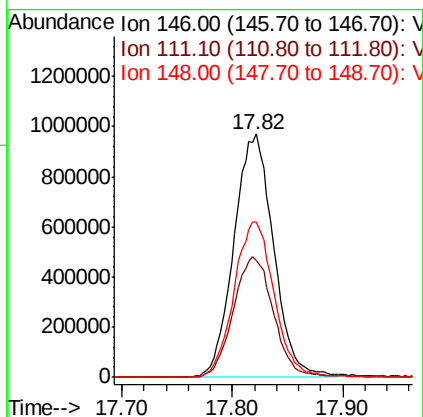
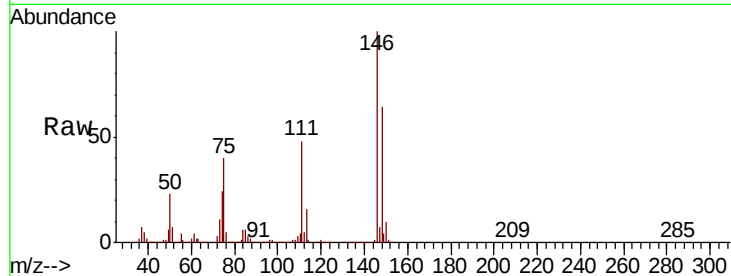
Ion	Ratio	Lower	Upper
146	100		
111	48.0	23.6	70.8
148	66.2	33.6	100.6





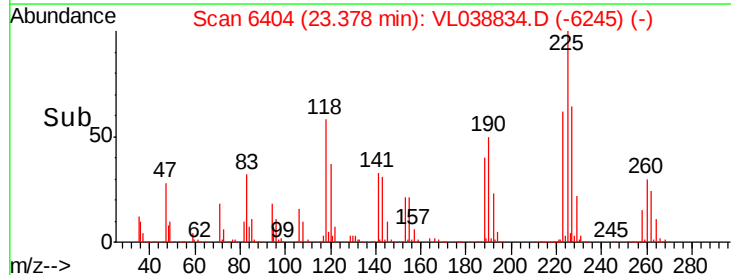
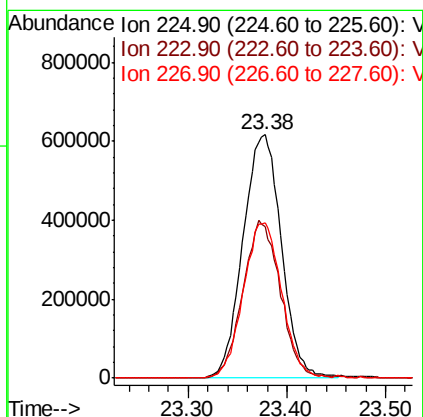
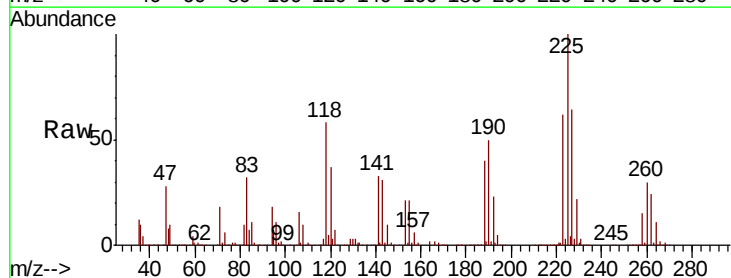
#77
 1,2-Dichlorobenzene
 Concen: 7.527 ppbv
 RT: 17.82 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId :
 VSTDCCC010
 Acq: 7 Apr 2022 9:40

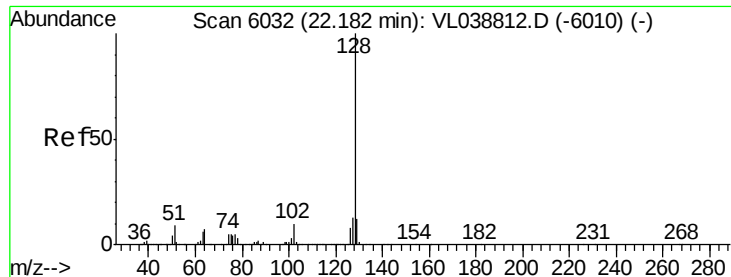
Tot Ion:146 Resp: 2406003
 Ion Ratio Lower Upper
 146 100
 111 50.4 24.8 74.3
 148 65.0 31.9 95.7



#78
 Hexachloro-1,3-Butadiene
 Concen: 6.578 ppbv
 RT: 23.38 min Scan# 6404
 Delta R.T.: 0.01 min
 Lab File: VL038834.D
 Acq: 7 Apr 2022 9:40

Tgt Ion:225 Resp: 1661113
 Ion Ratio Lower Upper
 225 100
 223 63.1 51.6 77.4
 227 64.3 52.3 78.5

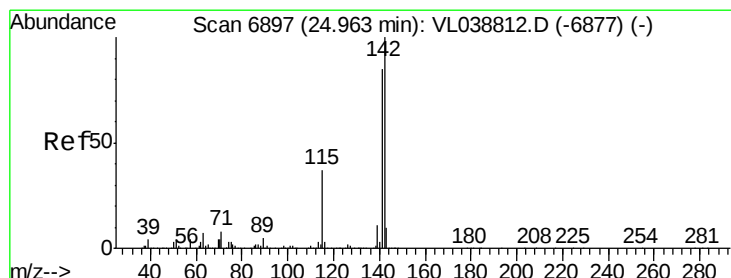
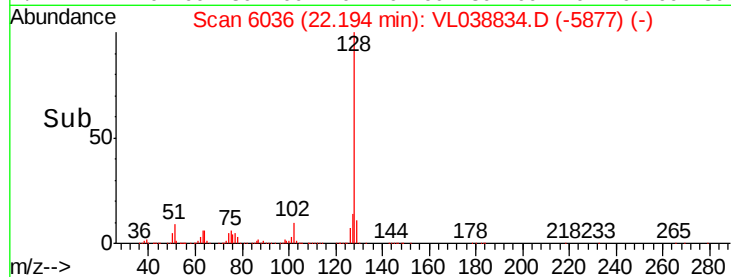
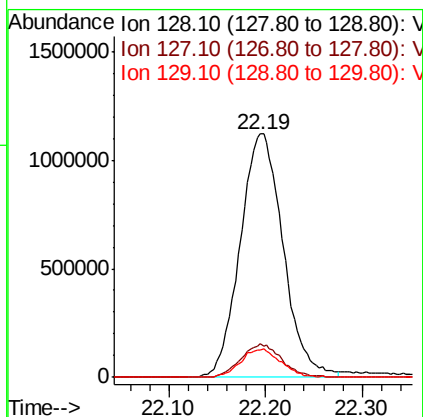
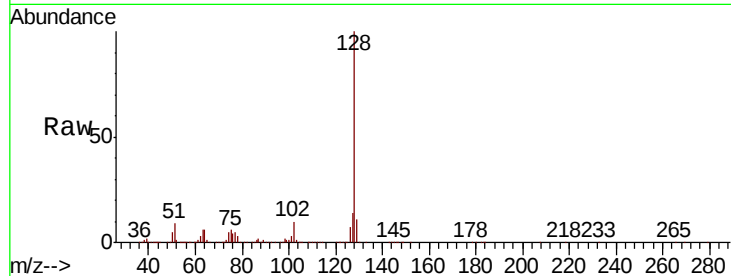




#79
Naphthalene
Concen: 8.262 ppbv
RT: 22.19 min
Instrument: MSVOA_1
Delta R.T.: 0.01 min
Lab File: ClientSampleId : VSTDCCC010
Acq: 7 Apr 2022 9:40

Tot Ion:128 Resp: 3451485

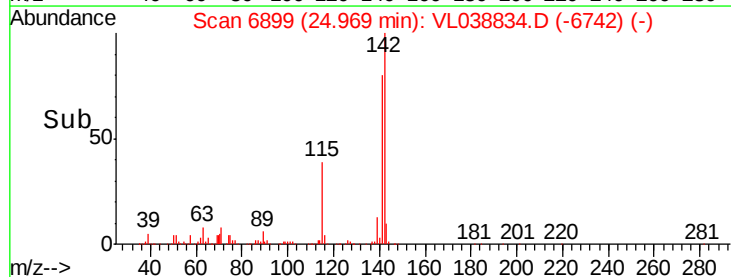
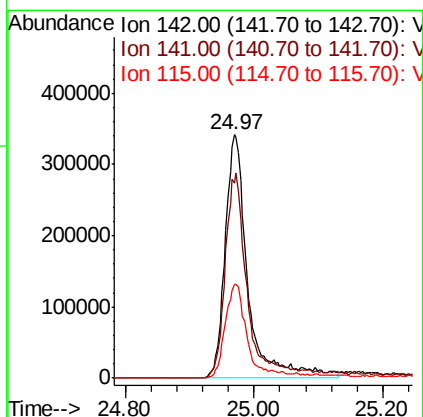
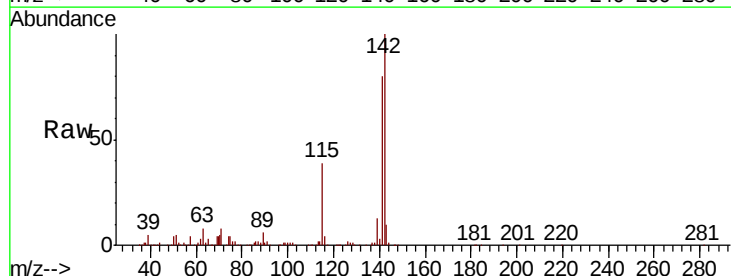
Ion	Ratio	Lower	Upper
128	100		
127	13.9	10.6	15.8
129	11.3	9.4	14.0

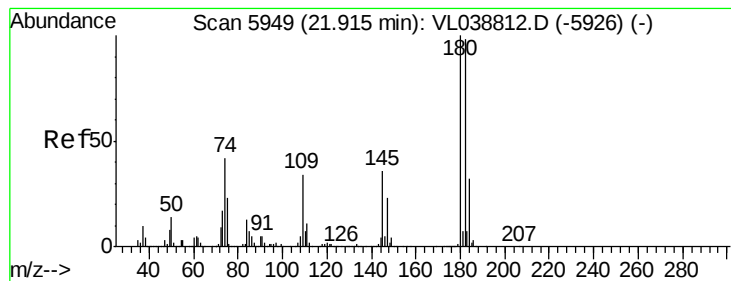


#80
Naphthalene, 2-methyl-
Concen: 8.209 ppbv
RT: 24.97 min Scan# 6899
Delta R.T.: 0.01 min
Lab File: VL038834.D
Acq: 7 Apr 2022 9:40

Tgt Ion:142 Resp: 845054

Ion	Ratio	Lower	Upper
142	100		
141	84.4	68.8	103.2
115	37.6	31.6	47.4





#81

1,2,4-Trichlorobenzene

Concen: 7.729 ppbv

RT: 21.92 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 7 Apr 2022 9:40 VSTDCCC010

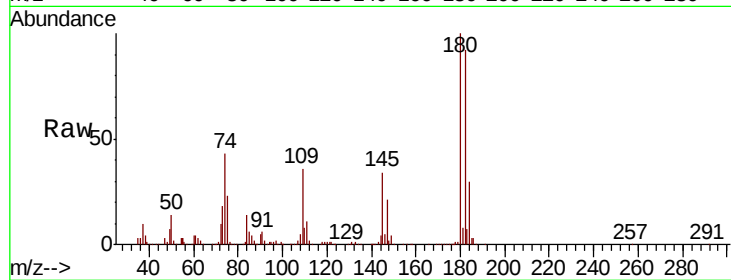
Tot Ion:180 Resp: 1889676

Ion Ratio Lower Upper

180 100

182 94.9 79.4 119.0

184 31.6 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

