

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL072320\
 Data File : VL035225.D
 Acq On : 23 Jul 2020 11:47
 Operator : SY/AP
 Sample : VL0723ABS01
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Jul 24 05:52:32 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL070820AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jul 08 07:05:23 2020
 QLast Update : Wed Jul 08 07:05:23 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	1341269	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	3184128	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.11	117	3065125	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.45	95	2511095	10.08	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.80%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.00	85	1398269	7.439	ppbv	98
3) Chlorodifluoromethane	2.94	51	1409408	9.513	ppbv	100
4) Chloromethane	3.09	50	805676	9.649	ppbv	93
5) Vinyl Chloride	3.21	62	833268	9.338	ppbv	99
6) Bromomethane	3.43	94	521661	10.301	ppbv	97
7) Chloroethane	3.51	64	313462	9.937	ppbv	97
8) Dichlorotetrafluoroethane	3.14	85	1911636	9.279	ppbv	99
9) Propene	2.96	41	564609	10.084	ppbv	99
10) Heptane	8.12	43	1618126	11.257	ppbv	99
11) Trichlorofluoromethane	3.91	101	2084217	9.819	ppbv	98
12) 1,1,2-Trichlorotrifluoroet	4.45	101	1467093	9.841	ppbv	99
13) Ethanol	3.56	45	147241	8.260	ppbv	92
14) Bromoethene	3.70	108	634470	10.341	ppbv	100
15) Acetone	3.81	43	1591785	8.766	ppbv	99
16) 1,3-Butadiene	3.28	39	729858	10.471	ppbv	98
17) tert-Butyl alcohol	4.26	59	1810711	11.270	ppbv	100
18) 1,1-Dichloroethene	4.25	96	675094	10.228	ppbv	98
19) Isopropyl Alcohol	3.93	45	1156959	10.561	ppbv	100
20) Methylene Chloride	4.31	84	646833	8.187	ppbv	98
21) Allyl Chloride	4.38	41	1074897	10.170	ppbv	99
22) trans-1,2-Dichloroethene	4.86	96	668011	10.137	ppbv	99
23) Vinyl Acetate	5.05	43	2053297	10.446	ppbv	98
24) 1,1-Dichloroethane	4.99	63	1674687	9.921	ppbv	100
25) Ethyl Acetate	5.66	43	2874236	10.200	ppbv	99
26) Hexane	5.67	57	1307229	10.521	ppbv	99
27) Carbon Disulfide	4.52	76	1780539	10.262	ppbv	99
28) Methyl tert-Butyl Ether	5.01	73	1980722	10.463	ppbv	99
29) Chloroform	5.74	83	2061683	9.897	ppbv	96
30) Cyclohexane	7.13	84	1060509	11.536	ppbv	98
31) cis-1,2-Dichloroethene	5.53	61	1260164	10.723	ppbv	98
32) 1,1,1-Trichloroethane	6.50	97	2045647	9.799	ppbv	99
34) 2-Butanone	5.22	43	1765539	10.388	ppbv	100
35) Carbon Tetrachloride	7.02	117	2121360	10.263	ppbv	97
36) Benzene	6.89	78	2518001	10.926	ppbv	99
37) 1,2-Dichloroethane	6.30	62	1613971	10.436	ppbv	100
38) Trichloroethene	7.84	130	1050798	11.190	ppbv	98
39) 1,2-Dichloropropane	7.61	63	993610	10.842	ppbv	95
40) 1,4-Dioxane	7.83	88	385682	10.571	ppbv #	1
41) Tetrahydrofuran	6.03	42	951582	11.190	ppbv	97
42) Bromodichloromethane	7.80	83	2233200	10.813	ppbv	96
43) Methyl Methacrylate	8.02	69	1161632	11.924	ppbv	97

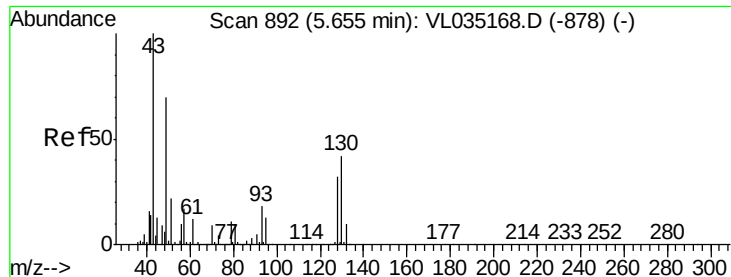
Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL072320\
 Data File : VL035225.D
 Acq On : 23 Jul 2020 11:47
 Operator : SY/AP
 Sample : VL0723ABS01
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Jul 24 05:52:32 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL070820AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jul 08 07:05:23 2020
 QLast Update : Wed Jul 08 07:05:23 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,2,4-Trimethylpentane	7.87	57	4413330	11.095	ppbv	99
45) t-1,3-Dichloropropene	9.29	75	1314010	12.839	ppbv	100
46) cis-1,3-Dichloropropene	8.71	75	1552687	12.797	ppbv	98
47) 1,1,2-Trichloroethane	9.49	97	1101748	10.983	ppbv	99
48) Dibromochloromethane	10.32	129	1847952	11.322	ppbv	99
49) Bromoform	13.07	173	1641222	11.495	ppbv	99
50) 4-Methyl-2-Pentanone	8.75	43	2747922	11.266	ppbv	99
51) 2-Hexanone	10.14	43	2229409	11.987	ppbv	99
52) Tetrachloroethene	11.25	164	926419	10.763	ppbv	99
53) Toluene	9.82	91	2946608	12.115	ppbv	99
54) 1,2-Dibromoethane	10.63	107	1649922	11.083	ppbv	97
56) 1,1,1,2-Tetrachloroethane	12.15	131	1434983	10.567	ppbv	94
57) Chlorobenzene	12.17	112	2363331	10.461	ppbv	96
58) Ethyl Benzene	12.73	91	4012448	11.844	ppbv	98
59) m/p-Xylene	13.02	91	2399501	7.947	ppbv #	1
60) o-Xylene	13.72	91	3430147	11.386	ppbv	100
61) Styrene	13.56	104	2372191	12.743	ppbv	99
62) Isopropylbenzene	14.70	105	4989754	11.175	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.71	83	2462641	9.783	ppbv	99
64) n-propylbenzene	15.59	120	1340368	11.620	ppbv	95
65) tert-Butylbenzene	16.78	119	4482915	11.178	ppbv	100
66) Benzyl Chloride	17.03	91	1825049	12.773	ppbv	100
67) sec-Butylbenzene	17.33	105	6348454	10.858	ppbv	99
69) p-Isopropyltoluene	17.69	119	5262186	11.483	ppbv	100
70) n-Butylbenzene	18.59	91	5430428	11.177	ppbv	100
71) 2-Chlorotoluene	15.49	91	3822544	11.313	ppbv	99
72) 4-Ethyltoluene	15.87	105	3972546	11.703	ppbv	99
73) 1,3,5-Trimethylbenzene	16.03	105	3750857	11.459	ppbv	99
74) 1,2,4-Trimethylbenzene	16.80	105	3963452	10.957	ppbv	94
75) 1,3-Dichlorobenzene	17.03	146	2296384	10.025	ppbv	99
76) 1,4-Dichlorobenzene	17.18	146	2278528	10.703	ppbv	99
77) 1,2-Dichlorobenzene	17.86	146	2153910	10.443	ppbv	100
78) Hexachloro-1,3-Butadiene	23.42	225	1600548	9.820	ppbv	99
79) Naphthalene	22.25	128	3334587	14.246	ppbv	98
80) Naphthalene, 2-methyl-	25.01	142	1272658	23.018	ppbv	98
81) 1,2,4-Trichlorobenzene	21.99	180	816110	5.504	ppbv #	1

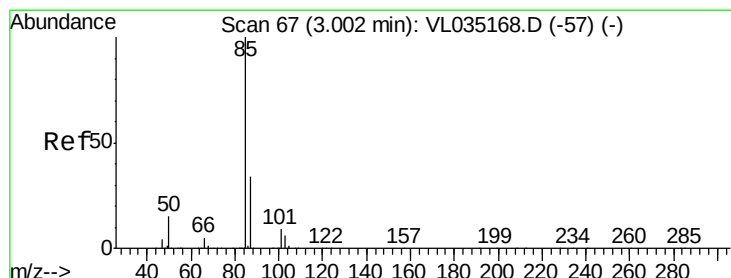
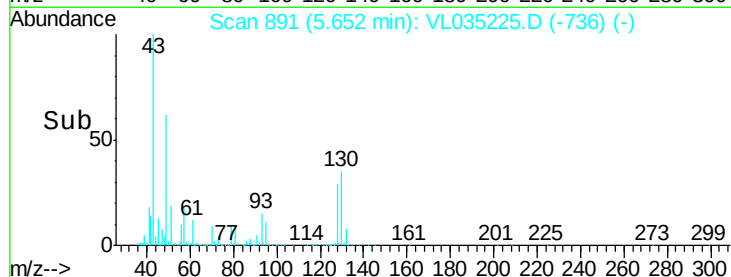
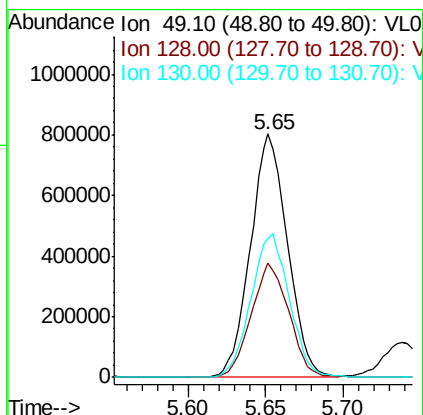
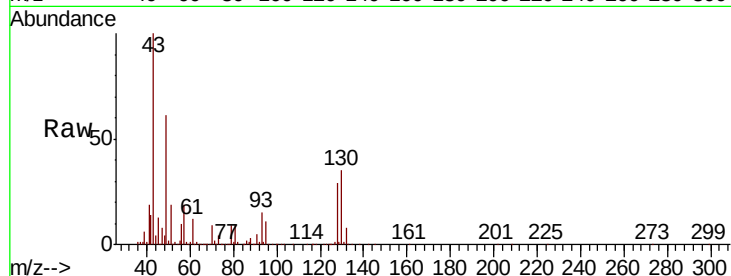
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.65 min Scan# 891
 Delta R.T. -0.00 min
 Lab File: VL035225.D
 Acq: 23 Jul 2020 11:47

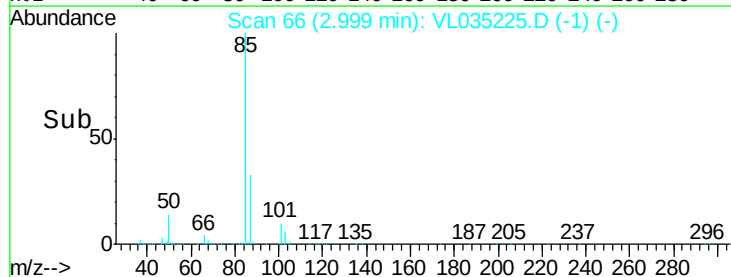
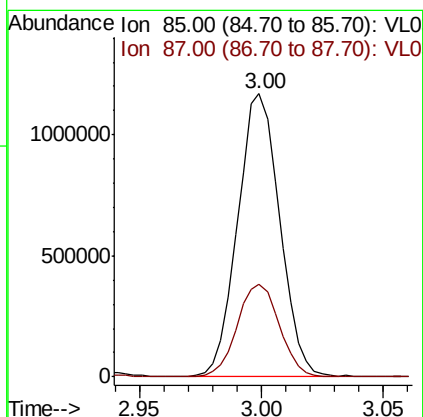
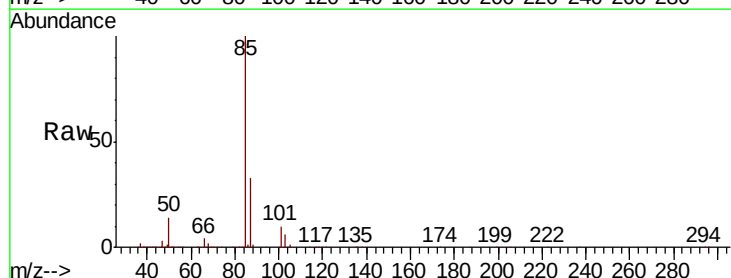
Instrument :
 MSVOA_L
 ClientSampleId :

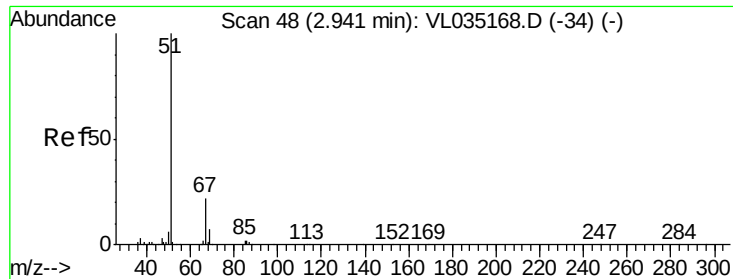
Tot Ion: 49 Resp: 1341269
 Ion Ratio Lower Upper
 49 100
 128 47.7 23.8 71.4
 130 61.0 29.9 89.8



#2
 Dichlorodifluoromethane
 Concen: 7.439 ppbv
 RT: 3.00 min Scan# 66
 Delta R.T. -0.00 min
 Lab File: VL035225.D
 Acq: 23 Jul 2020 11:47

Tgt Ion: 85 Resp: 1398269
 Ion Ratio Lower Upper
 85 100
 87 32.7 27.0 40.6

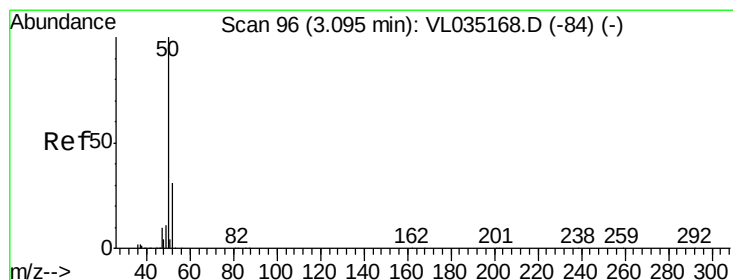
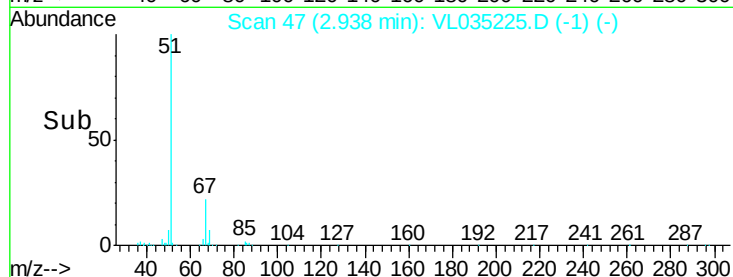
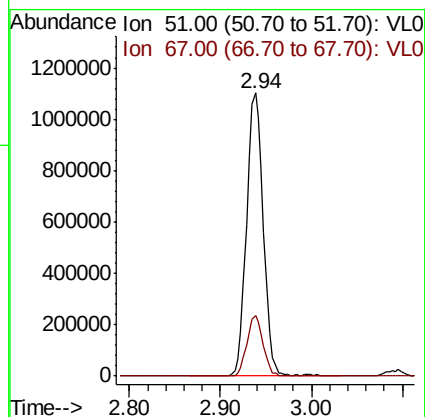
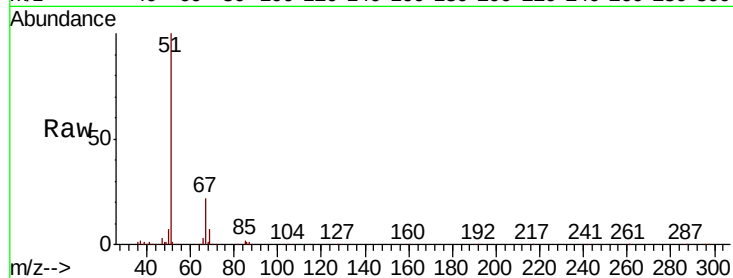




#3
Chlorodifluoromethane
Concen: 9.513 ppbv
RT: 2.94 min Scan# 47
Delta R.T. -0.00 min
Lab File: VL035225.D
Acq: 23 Jul 2020 11:47

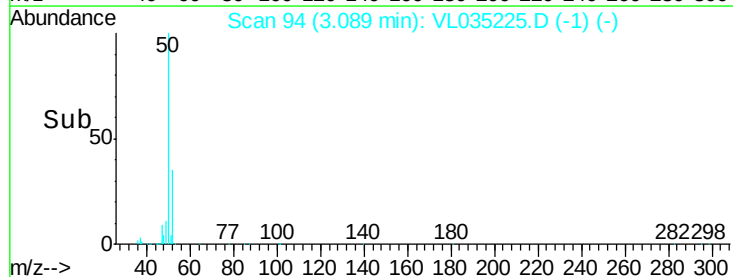
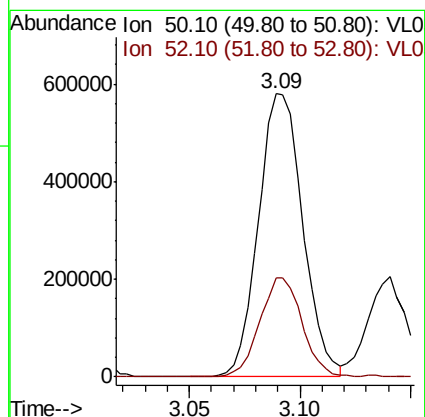
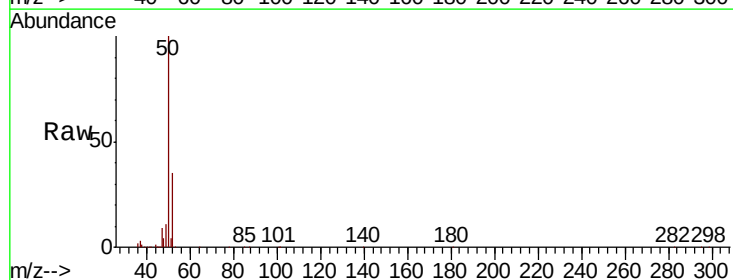
Instrument :
MSVOA_L
ClientSampleId :

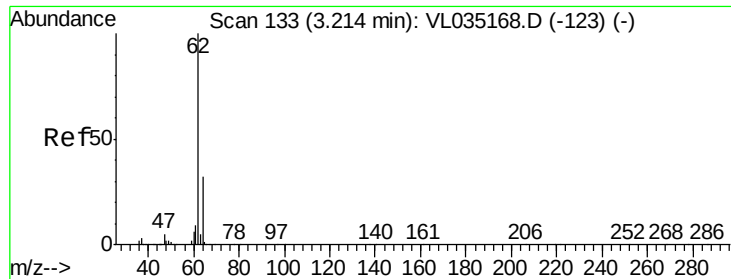
Tot Ion: 51 Resp: 1409408
Ion Ratio Lower Upper
51 100
67 20.9 16.6 24.8



#4
Chloromethane
Concen: 9.649 ppbv
RT: 3.09 min Scan# 94
Delta R.T. -0.01 min
Lab File: VL035225.D
Acq: 23 Jul 2020 11:47

Tgt Ion: 50 Resp: 805676
Ion Ratio Lower Upper
50 100
52 35.0 25.0 37.6





#5

Vinyl Chloride

Concen: 9.338 ppbv

RT: 3.21 min Scan# 132

Delta R.T. -0.00 min

Lab File: VL035225.D

Acq: 23 Jul 2020 11:47

Instrument :

MSVOA_L

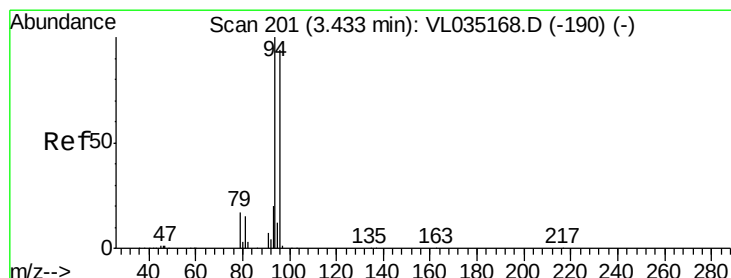
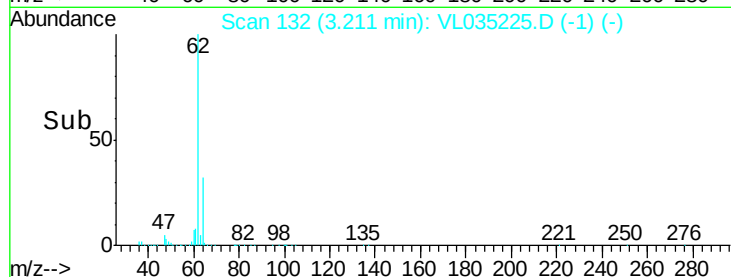
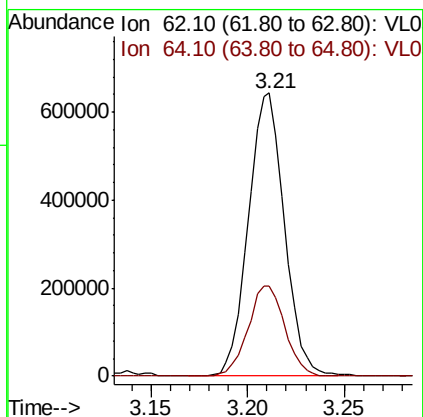
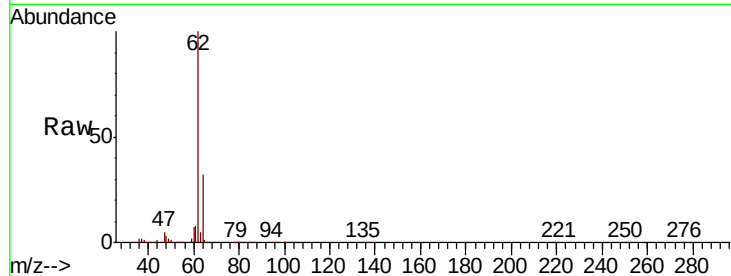
ClientSampleId :

Tot Ion: 62 Resp: 833268

Ion Ratio Lower Upper

62 100

64 31.6 25.9 38.9



#6

Bromomethane

Concen: 10.301 ppbv

RT: 3.43 min Scan# 199

Delta R.T. -0.01 min

Lab File: VL035225.D

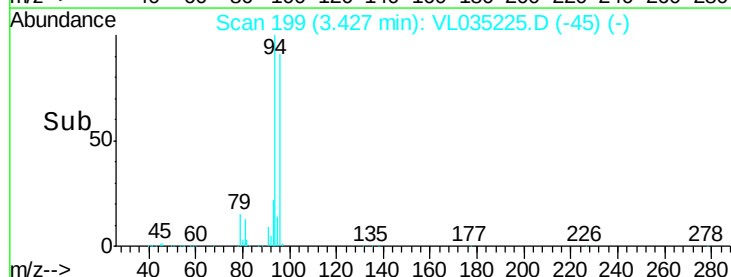
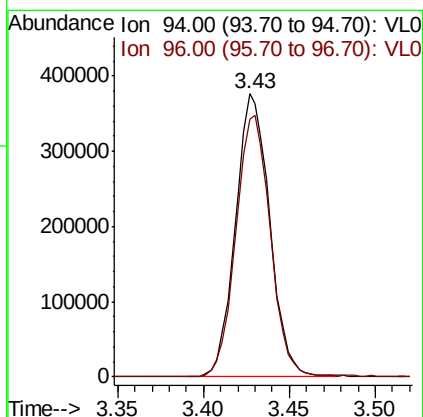
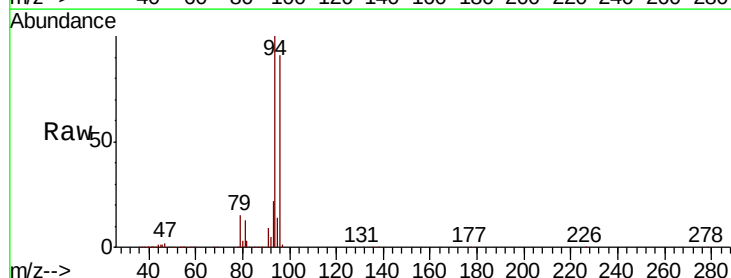
Acq: 23 Jul 2020 11:47

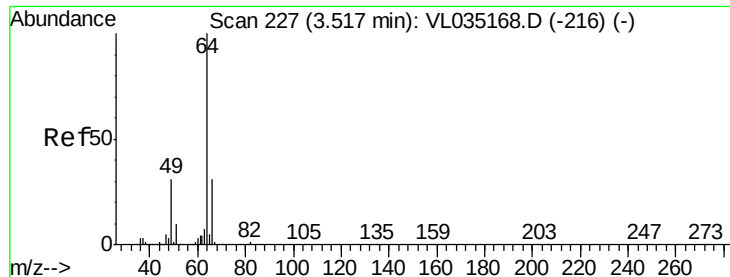
Tgt Ion: 94 Resp: 521661

Ion Ratio Lower Upper

94 100

96 90.8 74.8 112.2





#7

Chloroethane

Concen: 9.937 ppbv

RT: 3.51 min Scan# 225

Delta R.T. -0.01 min

Lab File: VL035225.D

Acq: 23 Jul 2020 11:47

Instrument :

MSVOA_L

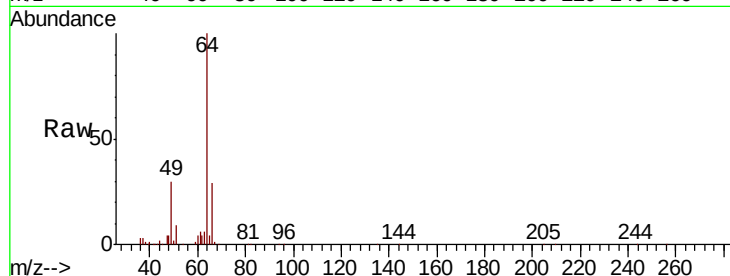
ClientSampleId :

Tot Ion: 64 Resp: 313462

Ion Ratio Lower Upper

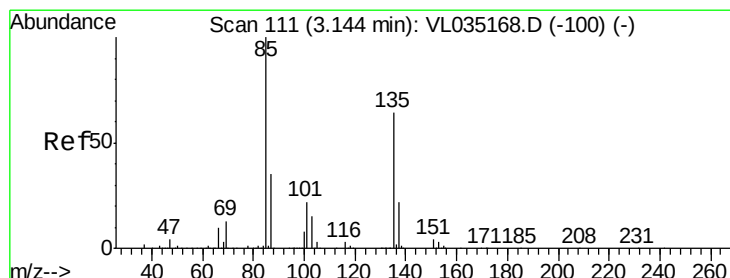
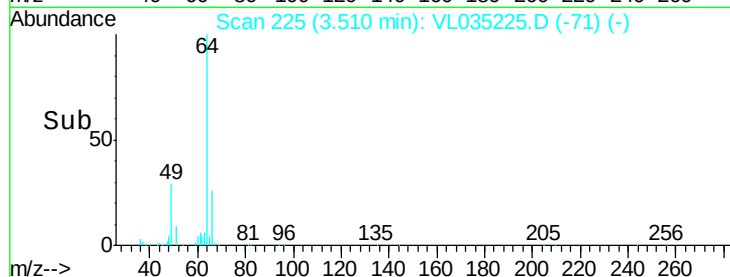
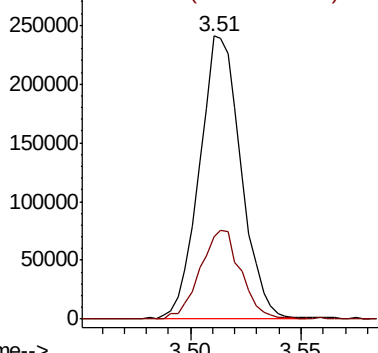
64 100

66 29.1 24.6 36.8



Abundance Ion 64.10 (63.80 to 64.80): VL0

Ion 66.10 (65.80 to 66.80): VL0



#8

Dichlorotetrafluoroethane

Concen: 9.279 ppbv

RT: 3.14 min Scan# 110

Delta R.T. -0.00 min

Lab File: VL035225.D

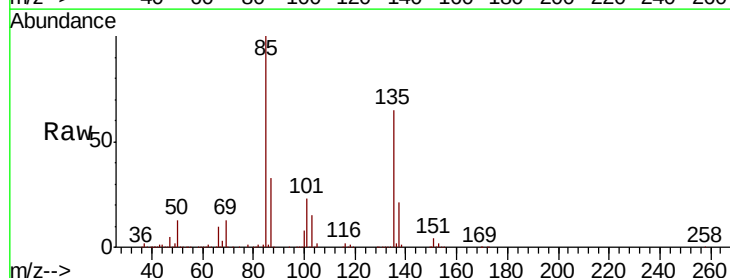
Acq: 23 Jul 2020 11:47

Tgt Ion: 85 Resp: 1911636

Ion Ratio Lower Upper

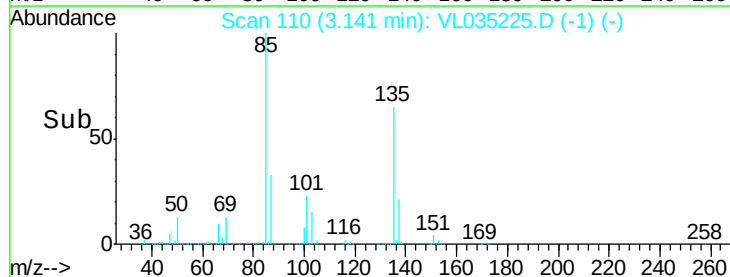
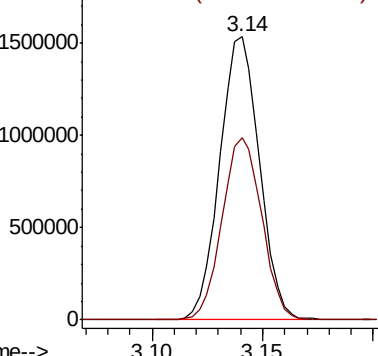
85 100

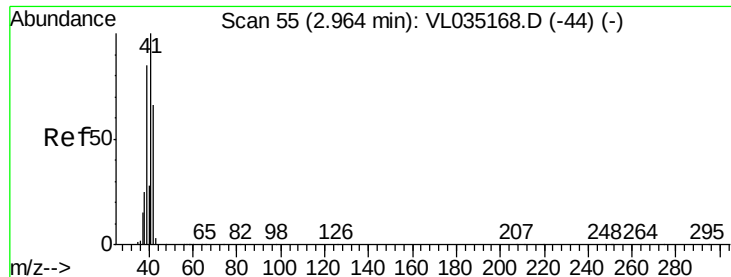
135 64.5 52.1 78.1



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 135.00 (134.70 to 135.70): V





#9

Propene

Concen: 10.084 ppbv

RT: 2.96 min Scan# 54

Delta R.T. -0.00 min

Lab File: VL035225.D

Acq: 23 Jul 2020 11:47

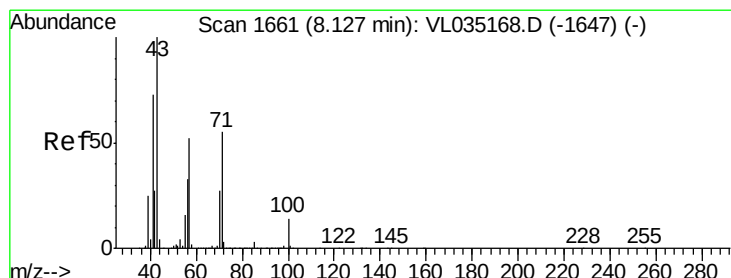
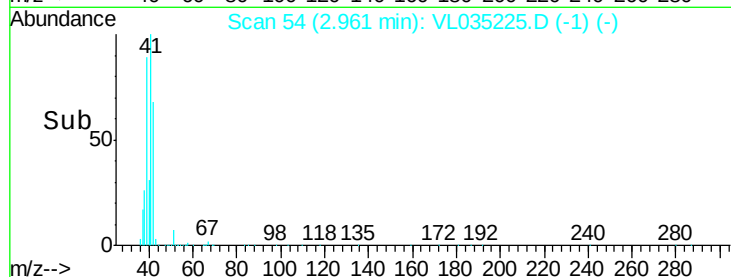
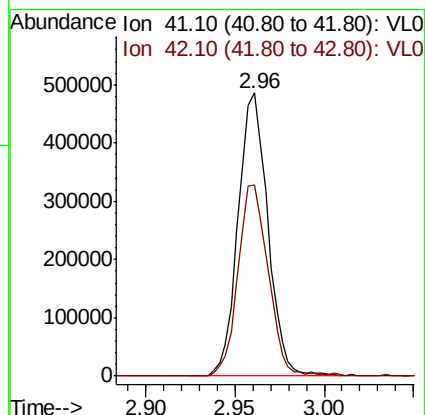
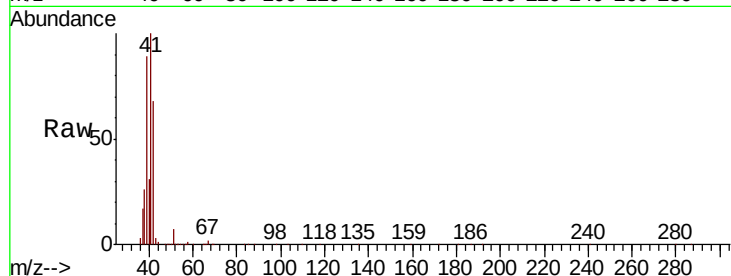
Instrument :
MSVOA_L
ClientSampled :

Tot Ion: 41 Resp: 564609

Ion Ratio Lower Upper

41 100

42 69.4 54.6 81.8



#10

Heptane

Concen: 11.257 ppbv

RT: 8.12 min Scan# 1660

Delta R.T. -0.00 min

Lab File: VL035225.D

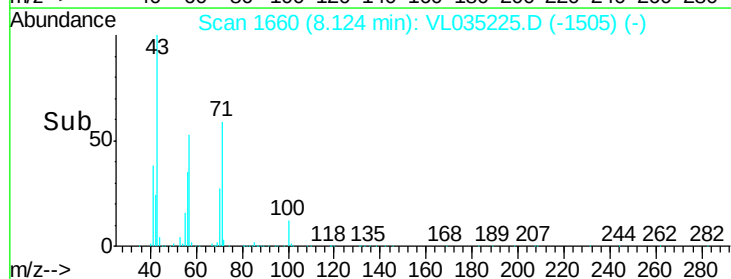
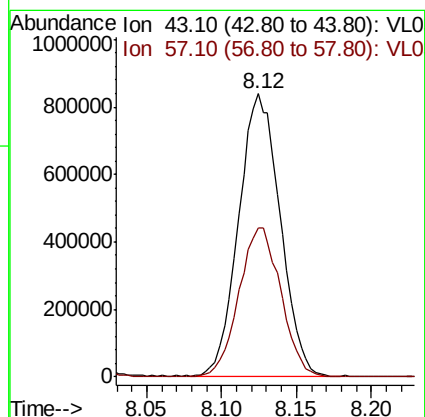
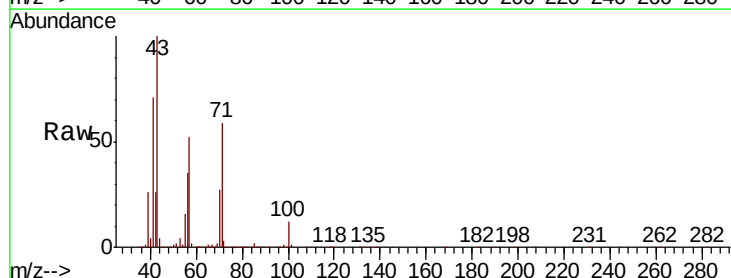
Acq: 23 Jul 2020 11:47

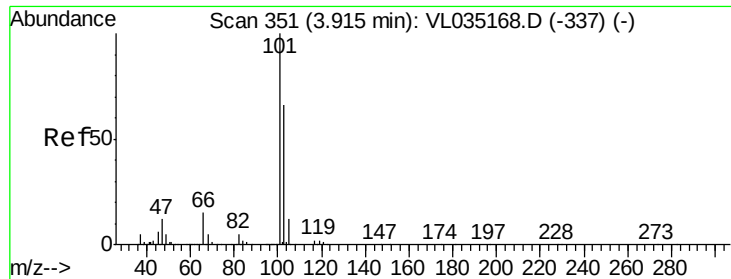
Tgt Ion: 43 Resp: 1618126

Ion Ratio Lower Upper

43 100

57 53.1 41.8 62.6

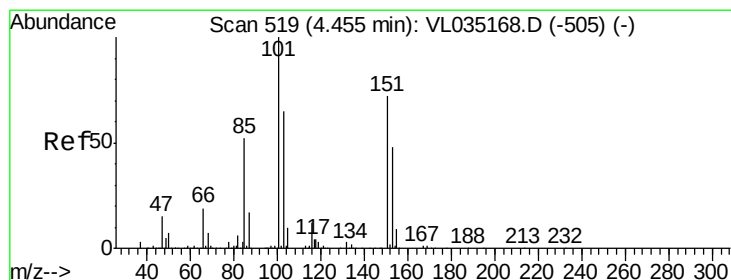
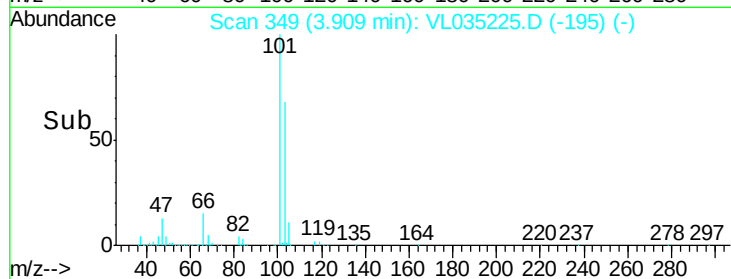
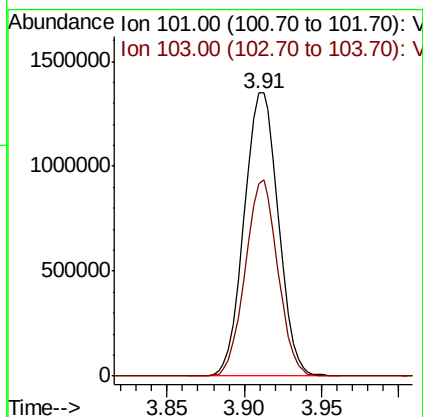
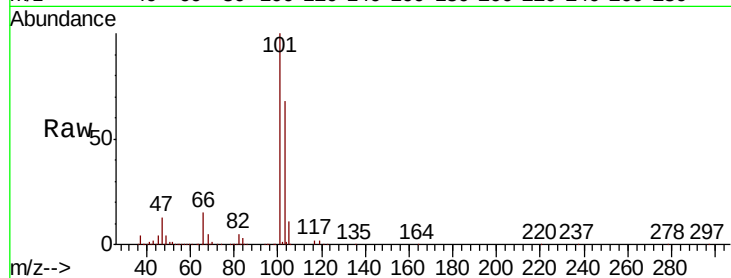




#11
 Trichlorofluoromethane
 Concen: 9.819 ppbv
 RT: 3.91 min Scan# 349
 Delta R.T. -0.01 min
 Lab File: VL035225.D
 Acq: 23 Jul 2020 11:47

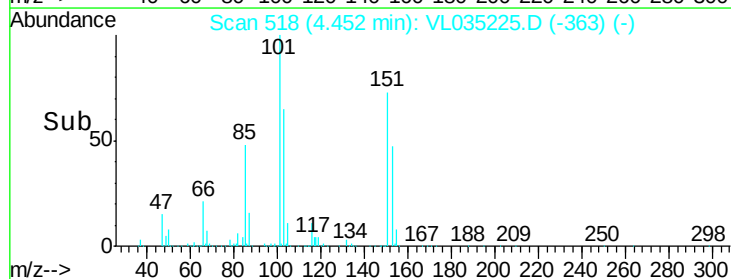
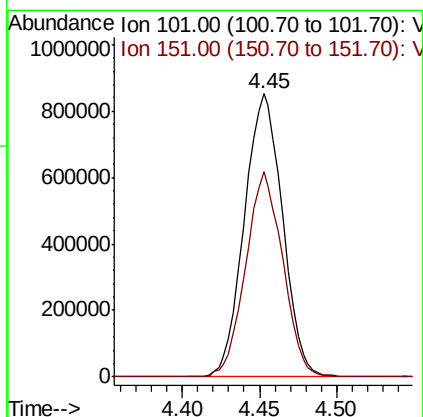
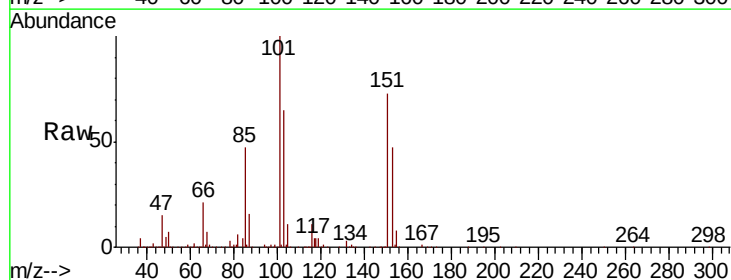
Instrument :
 MSVOA_L
 ClientSampleId :

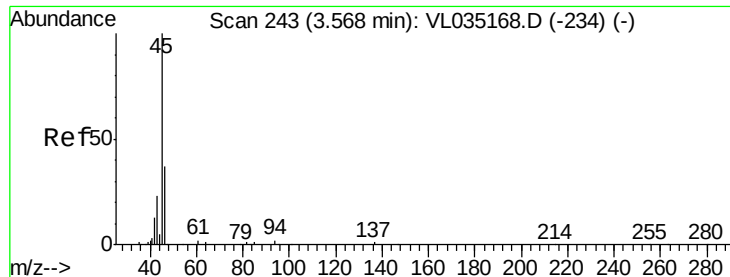
Tot Ion:101 Resp: 2084217
 Ion Ratio Lower Upper
 101 100
 103 68.2 53.1 79.7



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 9.841 ppbv
 RT: 4.45 min Scan# 518
 Delta R.T. -0.00 min
 Lab File: VL035225.D
 Acq: 23 Jul 2020 11:47

Tgt Ion:101 Resp: 1467093
 Ion Ratio Lower Upper
 101 100
 151 70.5 57.0 85.4

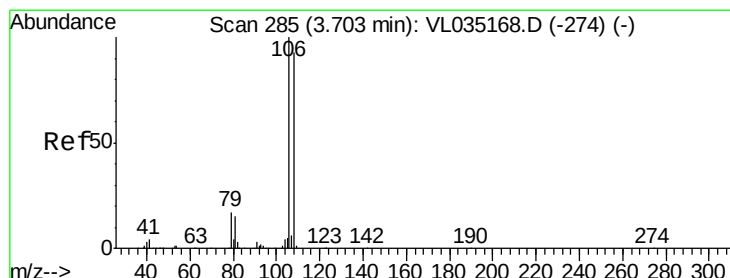
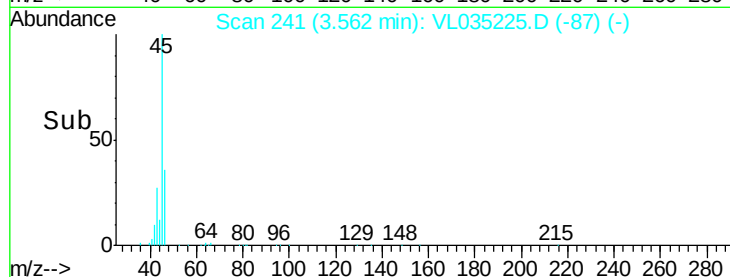
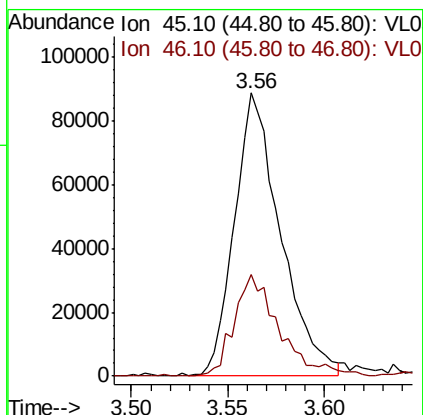
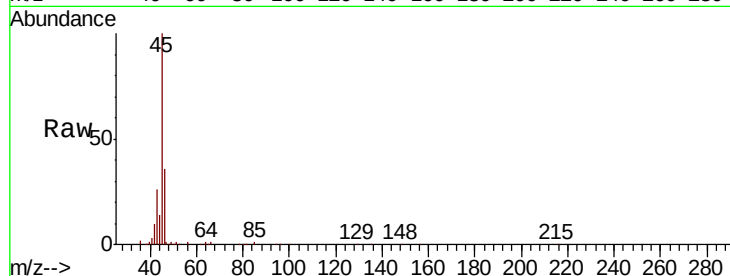




#13
Ethanol
Concen: 8.260 ppbv
RT: 3.56 min Scan# 241
Delta R.T. -0.01 min
Lab File: VL035225.D
Acq: 23 Jul 2020 11:47

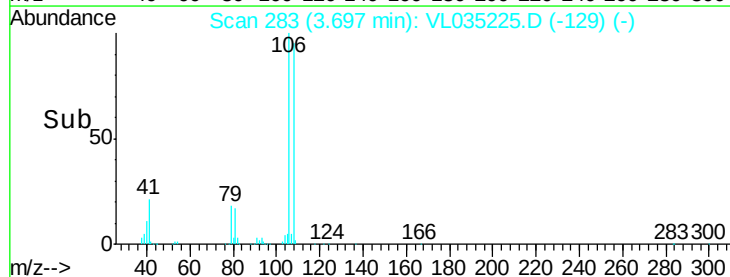
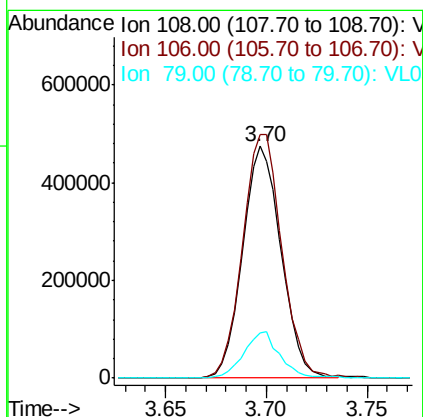
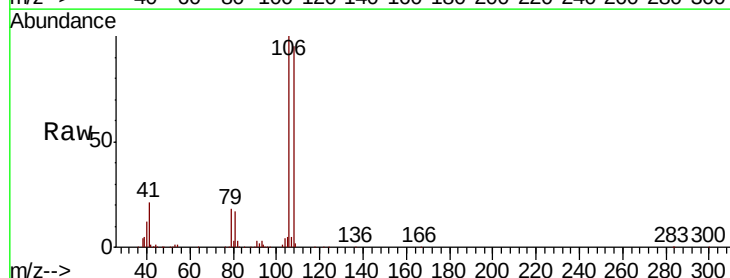
Instrument :
MSVOA_L
ClientSampleId :

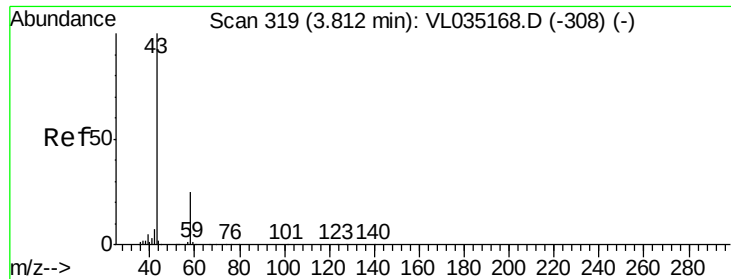
Tot Ion: 45 Resp: 147241
Ion Ratio Lower Upper
45 100
46 35.4 16.2 65.0



#14
Bromoethene
Concen: 10.341 ppbv
RT: 3.70 min Scan# 283
Delta R.T. -0.01 min
Lab File: VL035225.D
Acq: 23 Jul 2020 11:47

Tgt Ion: 108 Resp: 634470
Ion Ratio Lower Upper
108 100
106 107.8 86.2 129.2
79 19.0 15.0 22.6

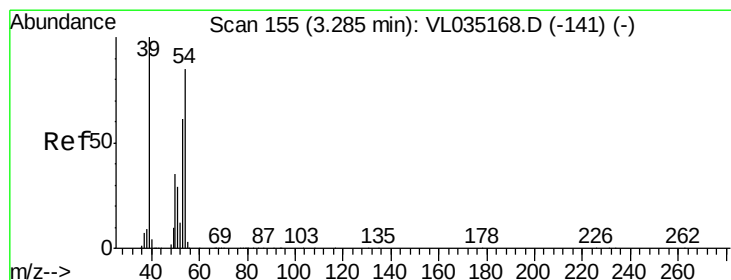
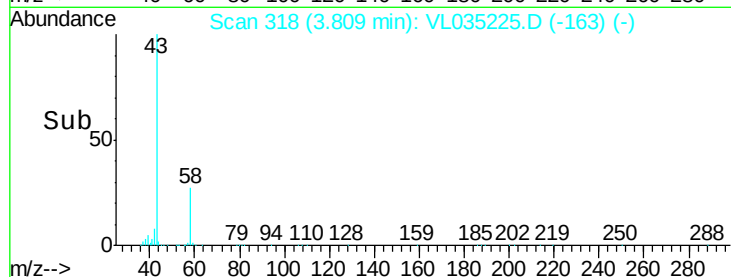
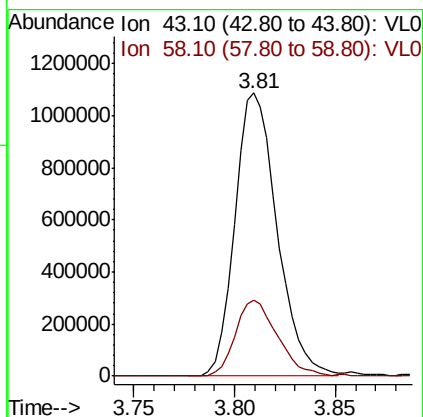
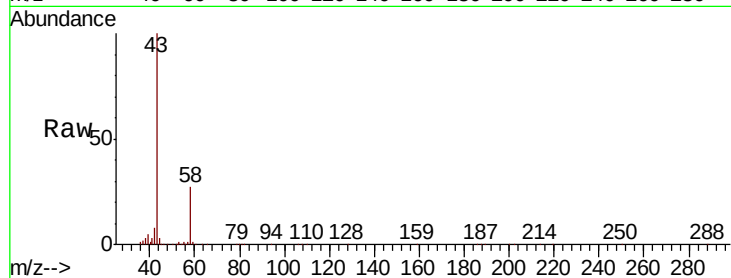




#15
Acetone
Concen: 8.766 ppbv
RT: 3.81 min Scan# 318
Delta R.T. -0.00 min
Lab File: VL035225.D
Acq: 23 Jul 2020 11:47

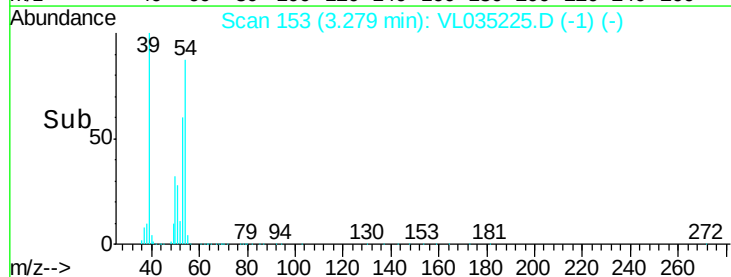
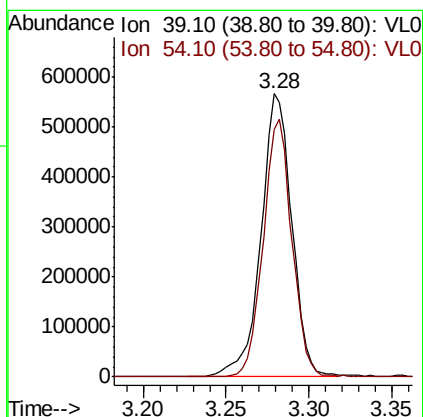
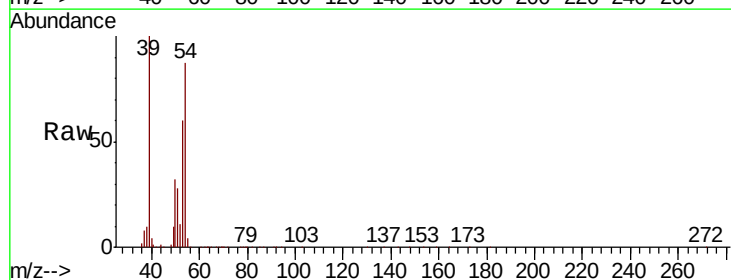
Instrument :
MSVOA_L
ClientSampleId :

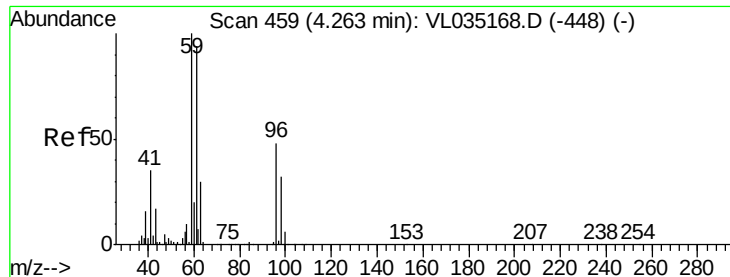
Tot Ion: 43 Resp: 1591785
Ion Ratio Lower Upper
43 100
58 27.2 21.3 31.9



#16
1,3-Butadiene
Concen: 10.471 ppbv
RT: 3.28 min Scan# 153
Delta R.T. -0.01 min
Lab File: VL035225.D
Acq: 23 Jul 2020 11:47

Tgt Ion: 39 Resp: 729858
Ion Ratio Lower Upper
39 100
54 85.5 67.2 100.8



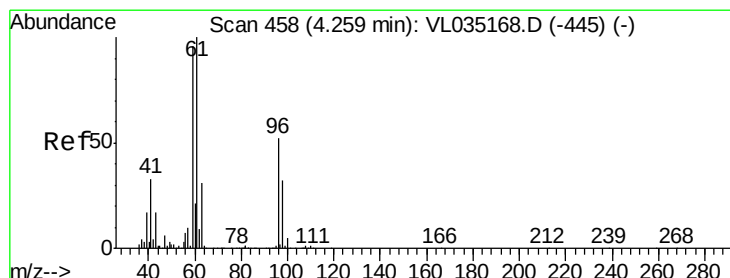
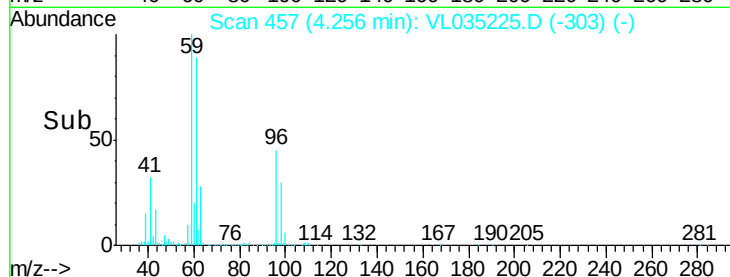
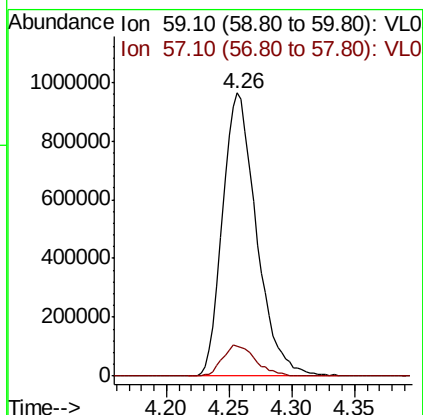
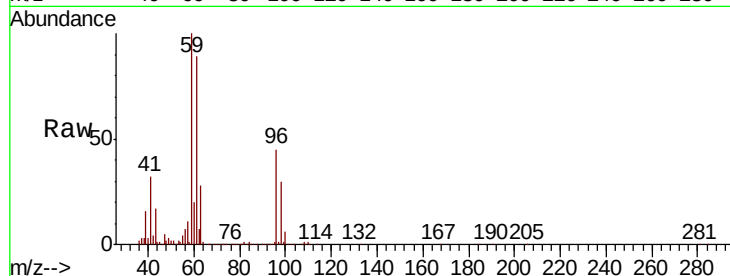


#17

tert-Butyl alcohol
Concen: 11.270 ppbv
RT: 4.26 min Scan# 457
Delta R.T. -0.01 min
Lab File: VL035225.D
Acq: 23 Jul 2020 11:47

Instrument :
MSVOA_L
ClientSampled :

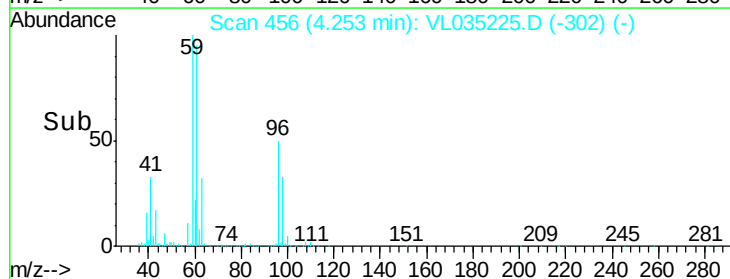
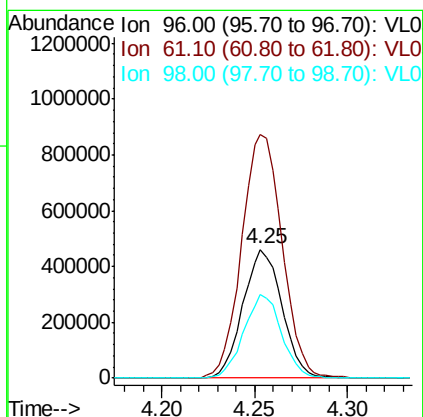
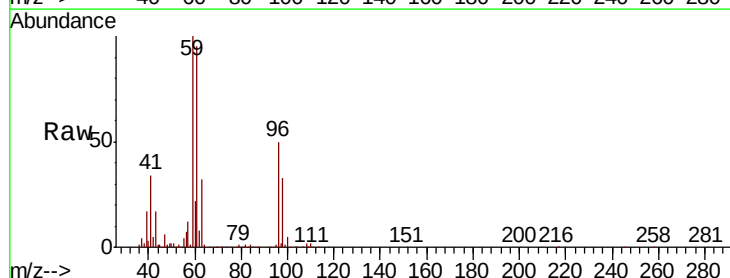
Tot Ion: 59 Resp: 1810711
Ion Ratio Lower Upper
59 100
57 10.9 8.6 12.8

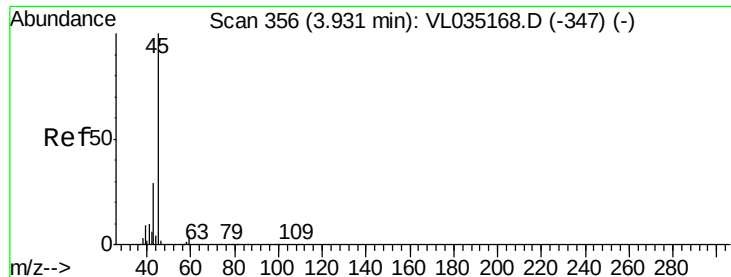


#18

1,1-Dichloroethene
Concen: 10.228 ppbv
RT: 4.25 min Scan# 456
Delta R.T. -0.01 min
Lab File: VL035225.D
Acq: 23 Jul 2020 11:47

Tgt Ion: 96 Resp: 675094
Ion Ratio Lower Upper
96 100
61 188.9 152.9 229.3
98 65.0 48.7 73.1



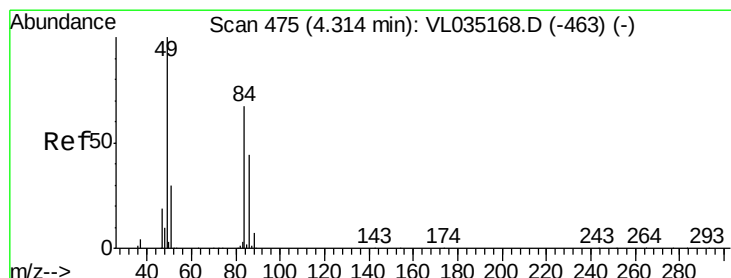
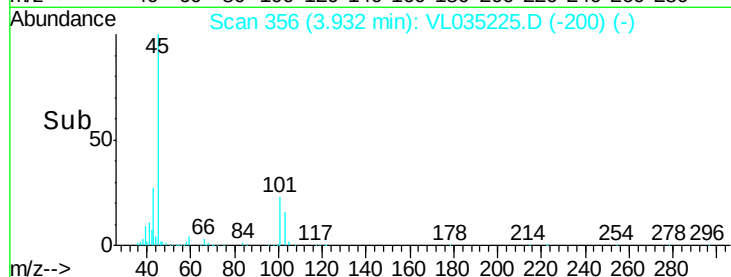
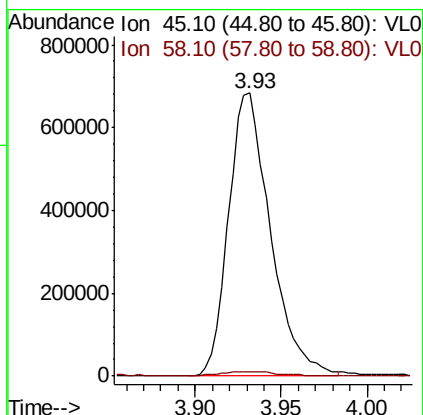
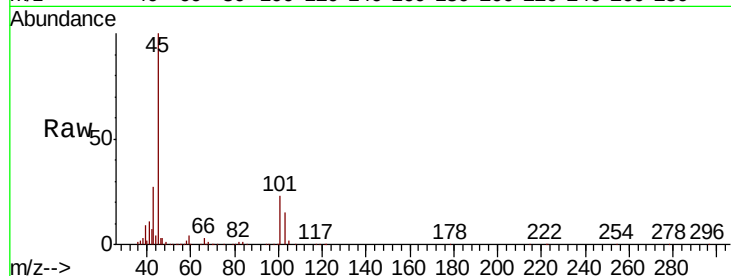


#19

Isopropyl Alcohol
 Concen: 10.561 ppbv
 RT: 3.93 min Scan# 356
 Delta R.T. 0.00 min
 Lab File: VL035225.D
 Acq: 23 Jul 2020 11:47

Instrument :
 MSVOA_L
 ClientSampleId :

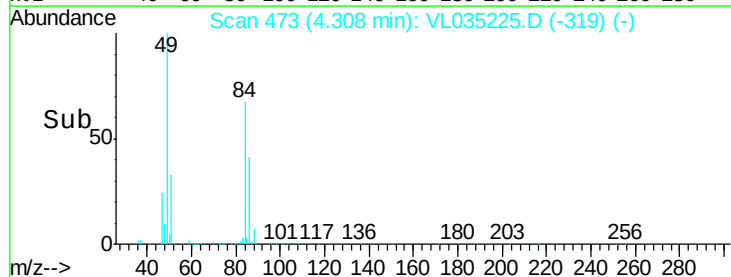
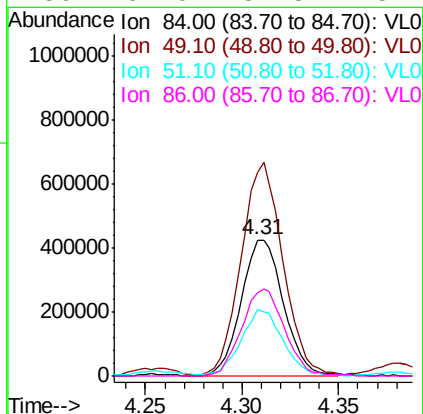
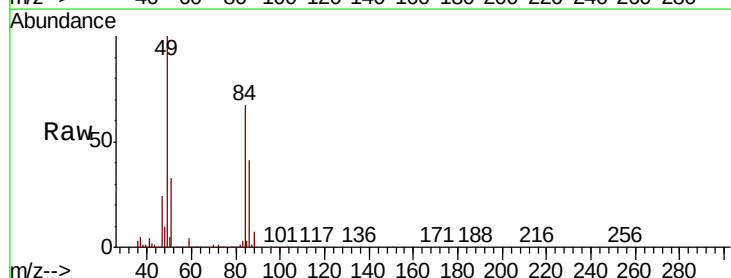
Tot Ion: 45 Resp: 1156959
 Ion Ratio Lower Upper
 45 100
 58 2.5 2.1 3.1

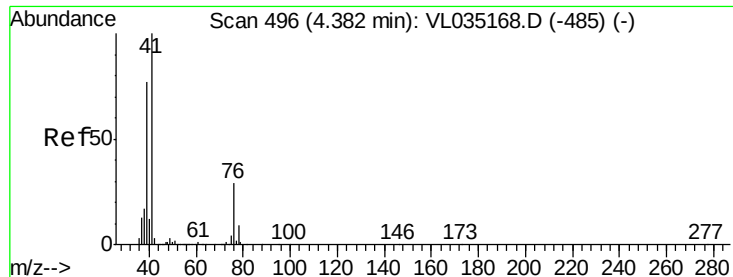


#20

Methylene Chloride
 Concen: 8.187 ppbv
 RT: 4.31 min Scan# 473
 Delta R.T. -0.01 min
 Lab File: VL035225.D
 Acq: 23 Jul 2020 11:47

Tgt Ion: 84 Resp: 646833
 Ion Ratio Lower Upper
 84 100
 49 148.7 119.4 179.0
 51 48.7 36.6 55.0
 86 61.0 52.5 78.7





#21

Allvl Chloride

Concen: 10.170 ppbv

RT: 4.38 min Scan# 495

Delta R.T. -0.00 min

Lab File: VL035225.D

Acq: 23 Jul 2020 11:47

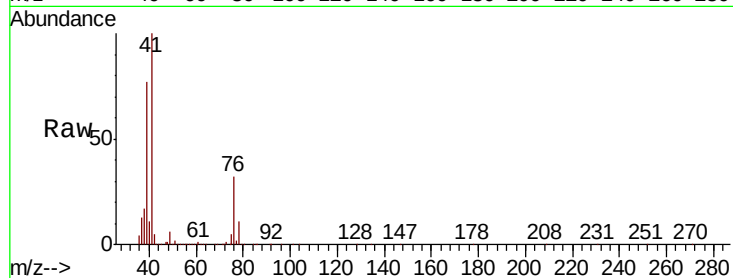
Instrument :

MSVOA_L

ClientSampleId :

Tot Ion: 41 Resp: 1074897

Ion	Ratio	Lower	Upper
41	100		
76	30.5	23.5	35.3
39	79.4	63.4	95.0

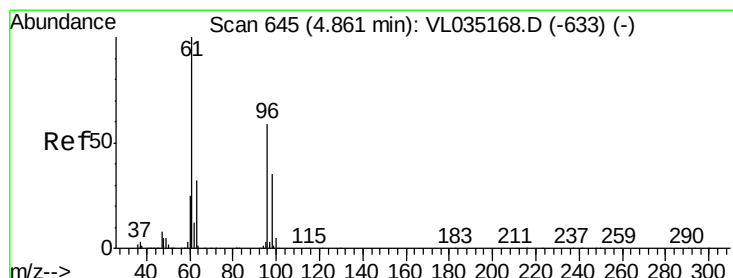
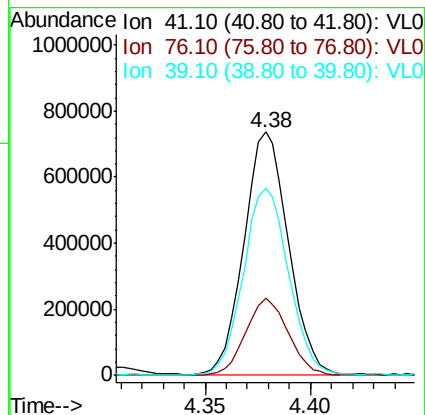
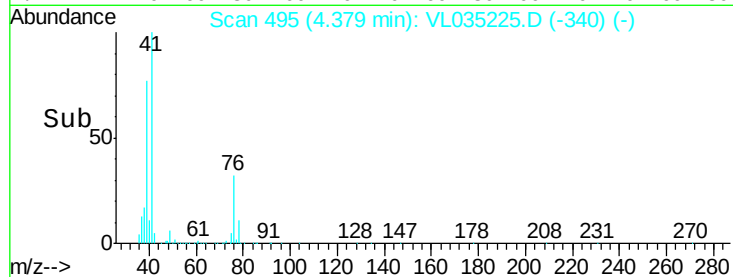


Abundance

Ion 41.10 (40.80 to 41.80): VL0

Ion 76.10 (75.80 to 76.80): VL0

Ion 39.10 (38.80 to 39.80): VL0



#22

trans-1,2-Dichloroethene

Concen: 10.137 ppbv

RT: 4.86 min Scan# 644

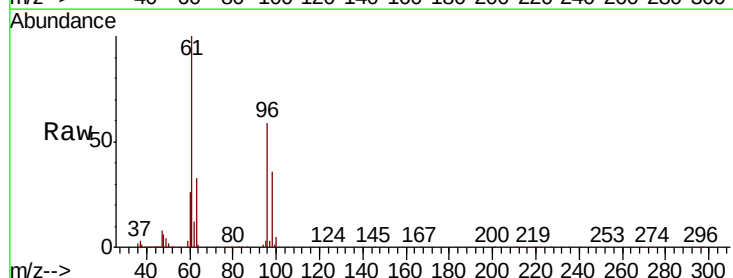
Delta R.T. -0.00 min

Lab File: VL035225.D

Acq: 23 Jul 2020 11:47

Tgt Ion: 96 Resp: 668011

Ion	Ratio	Lower	Upper
96	100		
61	170.0	136.5	204.7
98	61.7	47.5	71.3

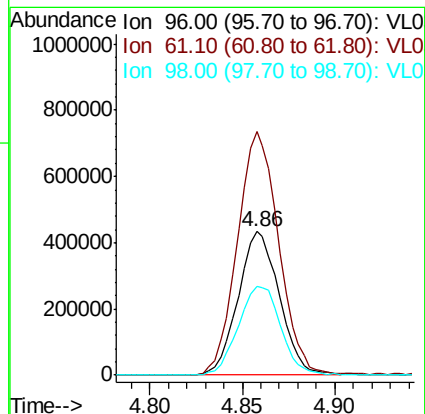
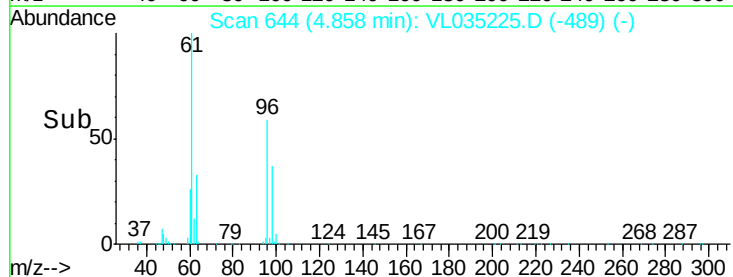


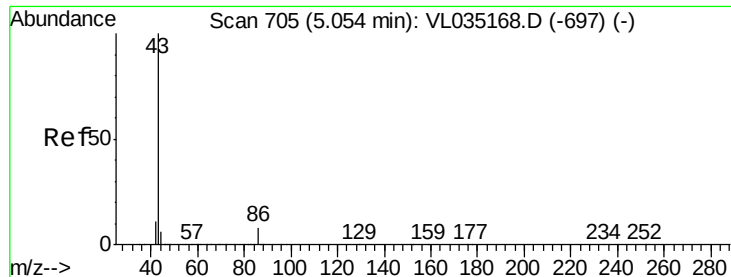
Abundance

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





#23

Vinyl Acetate

Concen: 10.446 ppbv

RT: 5.05 min Scan# 704

Delta R.T. -0.00 min

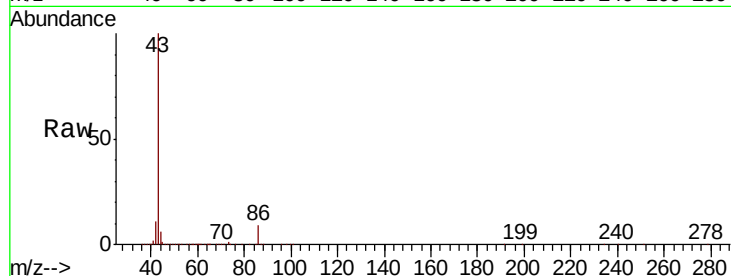
Lab File: VL035225.D

Acq: 23 Jul 2020 11:47

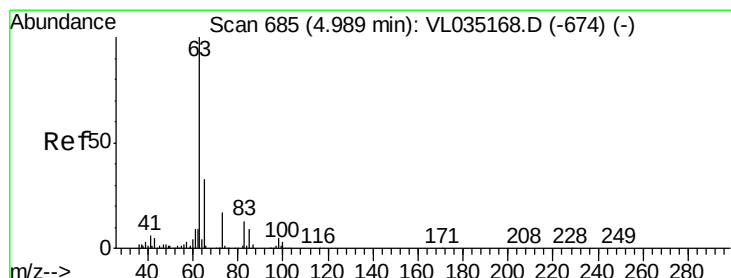
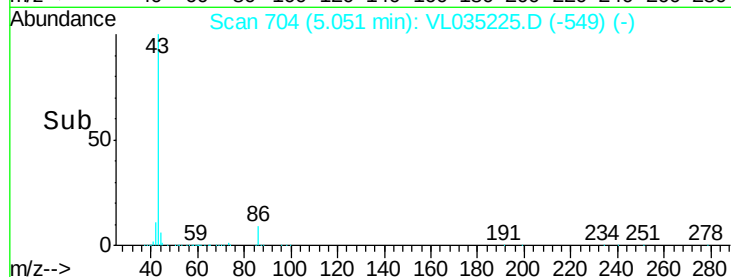
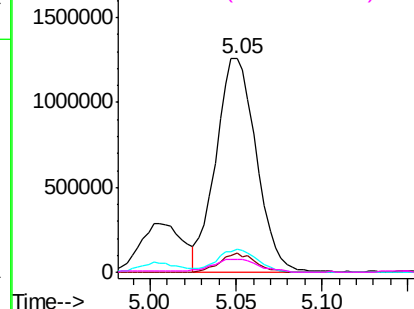
Instrument :
MSVOA_L
ClientSampleId :

Tot Ion: 43 Resp: 2053297

Ion	Ratio	Lower	Upper
43	100		
86	8.8	6.2	9.2
42	10.8	9.1	13.7
44	6.0	4.6	6.8



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



#24

1,1-Dichloroethane

Concen: 9.921 ppbv

RT: 4.99 min Scan# 685

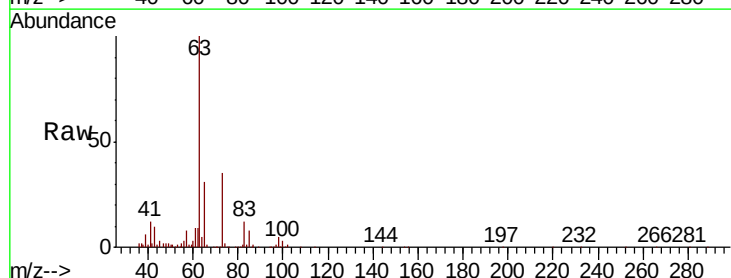
Delta R.T. 0.00 min

Lab File: VL035225.D

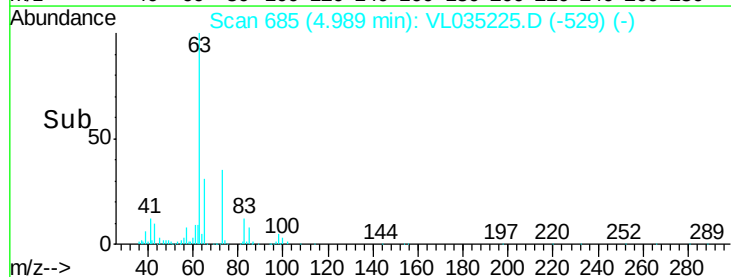
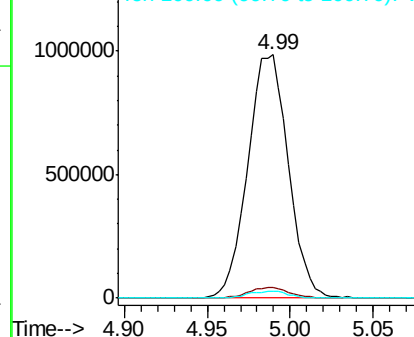
Acq: 23 Jul 2020 11:47

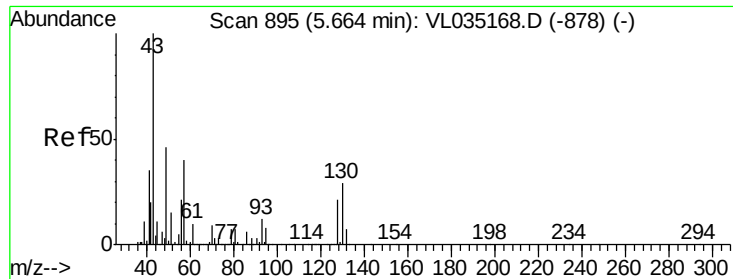
Tgt Ion: 63 Resp: 1674687

Ion	Ratio	Lower	Upper
63	100		
98	4.6	2.4	7.1
100	2.7	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



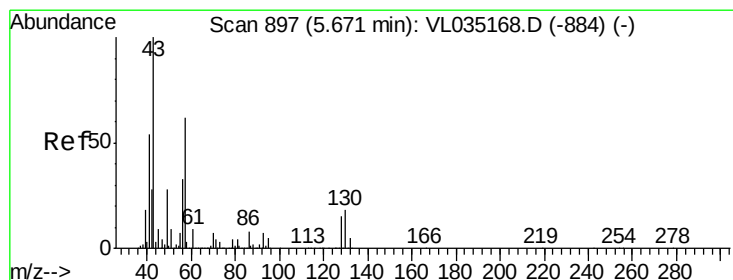
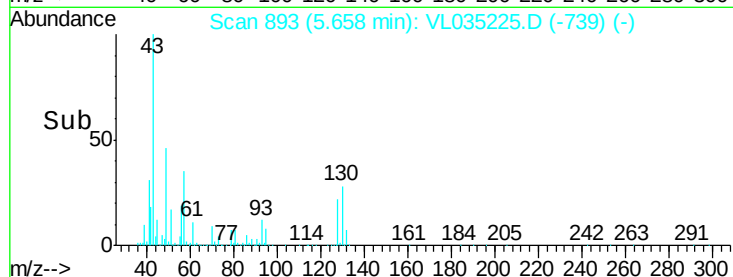
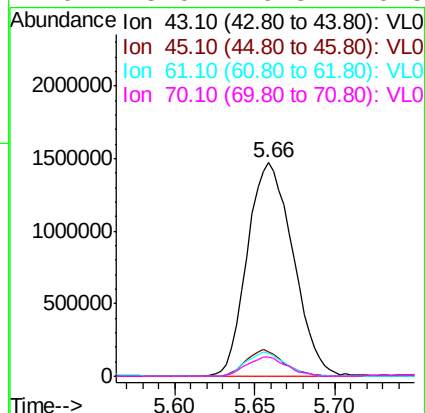
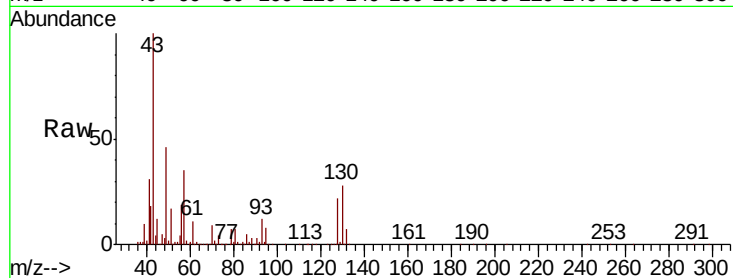


#25
Ethyl Acetate
Concen: 10.200 ppbv
RT: 5.66 min Scan# 893
Delta R.T. -0.01 min
Lab File: VL035225.D
Acq: 23 Jul 2020 11:47

Instrument :
MSVOA_L
ClientSampleId :

Tot Ion: 43 Resp: 2874236

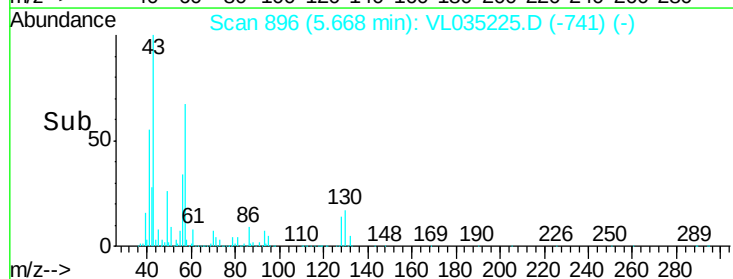
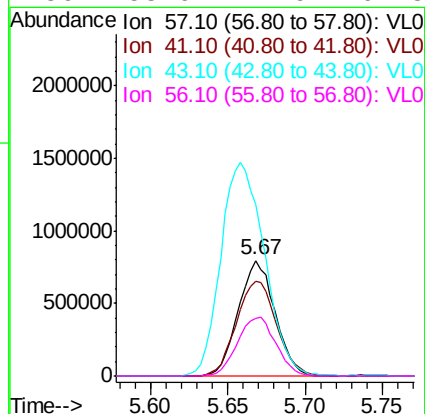
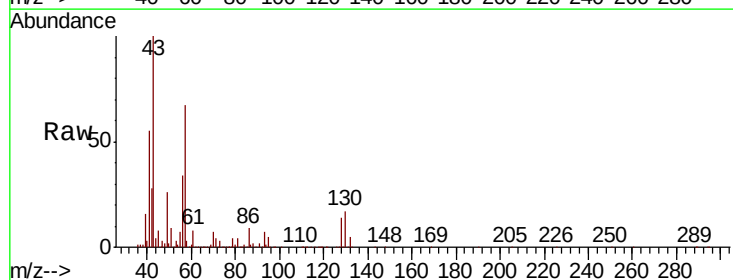
Ion	Ratio	Lower	Upper
43	100		
45	10.4	8.5	12.7
61	9.7	8.1	12.1
70	8.0	6.3	9.5

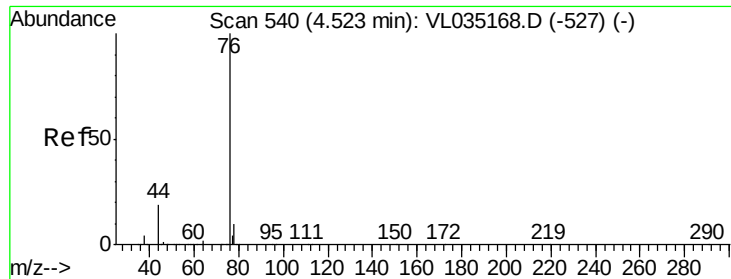


#26
Hexane
Concen: 10.521 ppbv
RT: 5.67 min Scan# 896
Delta R.T. -0.00 min
Lab File: VL035225.D
Acq: 23 Jul 2020 11:47

Tgt Ion: 57 Resp: 1307229

Ion	Ratio	Lower	Upper
57	100		
41	90.4	72.9	109.3
43	221.7	179.5	269.3
56	53.6	42.9	64.3





#27

Carbon Disulfide

Concen: 10.262 ppbv

RT: 4.52 min Scan# 538

Delta R.T. -0.01 min

Lab File: VL035225.D

Acq: 23 Jul 2020 11:47

Instrument :

MSVOA_L

ClientSampleId :

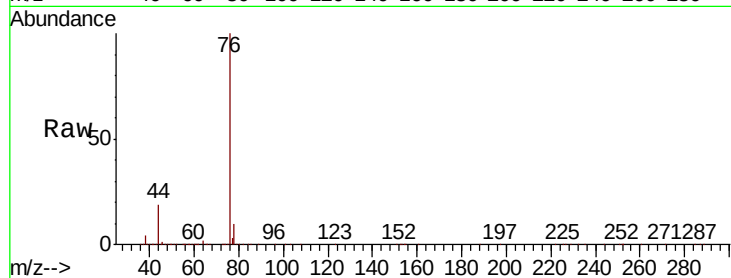
Tot Ion: 76 Resp: 1780539

Ion Ratio Lower Upper

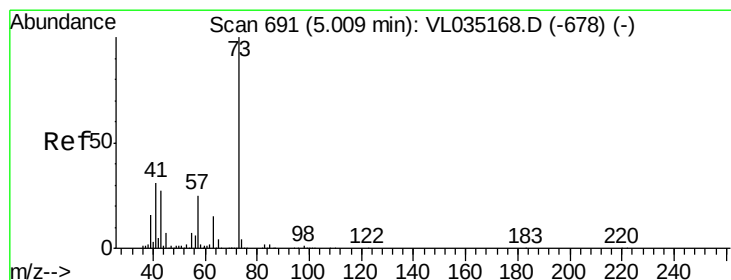
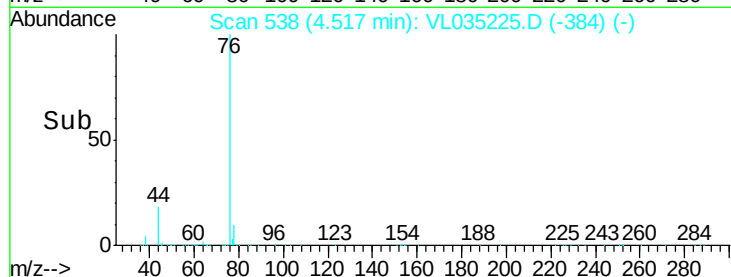
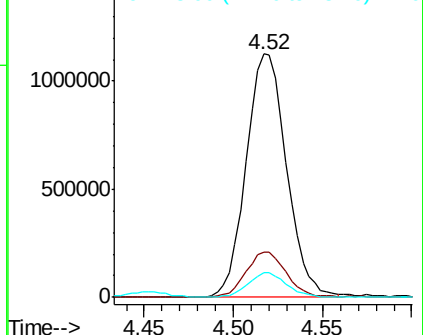
76 100

44 18.3 14.9 22.3

78 9.7 7.5 11.3



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



#28

Methyl tert-Butyl Ether

Concen: 10.463 ppbv

RT: 5.01 min Scan# 690

Delta R.T. -0.00 min

Lab File: VL035225.D

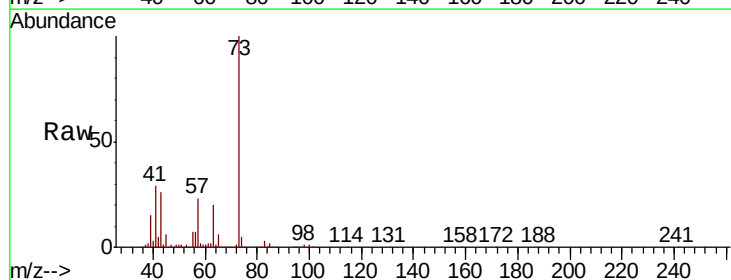
Acq: 23 Jul 2020 11:47

Tgt Ion: 73 Resp: 1980722

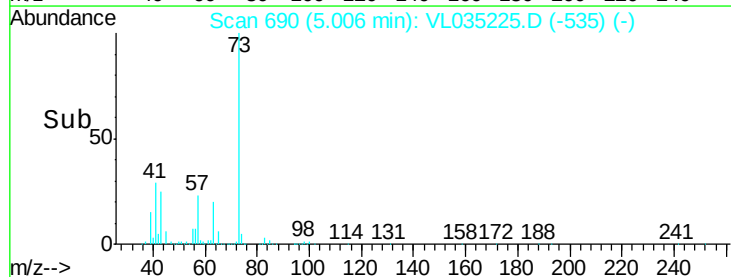
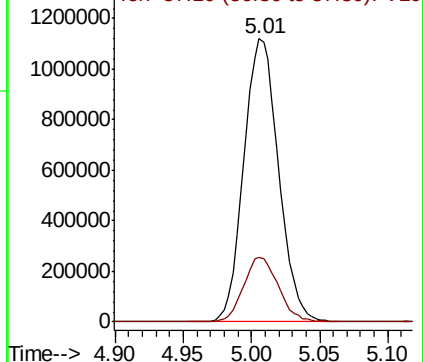
Ion Ratio Lower Upper

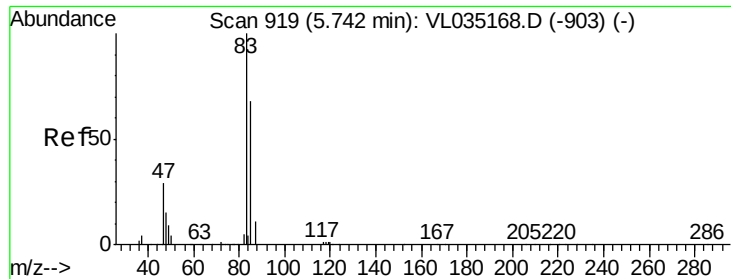
73 100

57 23.0 18.1 27.1



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

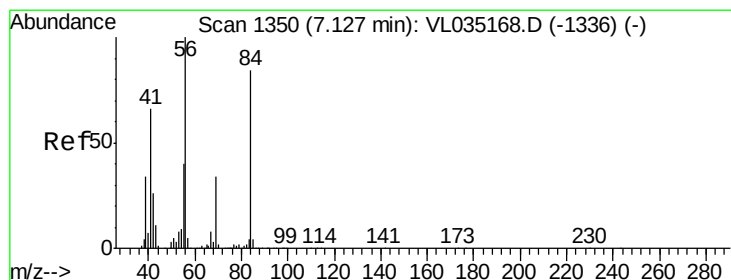
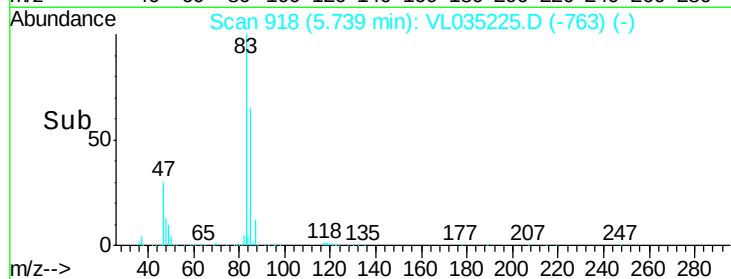
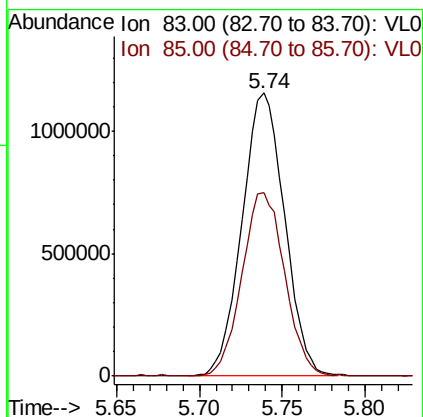
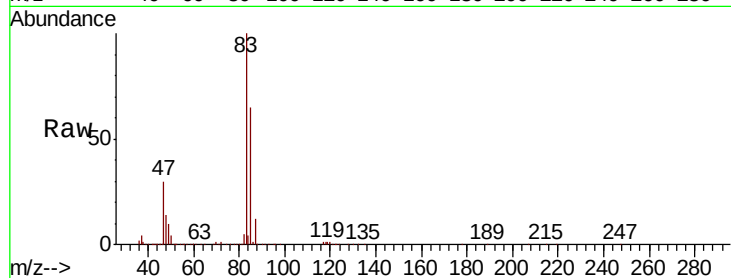




#29
Chloroform
Concen: 9.897 ppbv
RT: 5.74 min Scan# 918
Delta R.T. -0.00 min
Lab File: VL035225.D
Acq: 23 Jul 2020 11:47

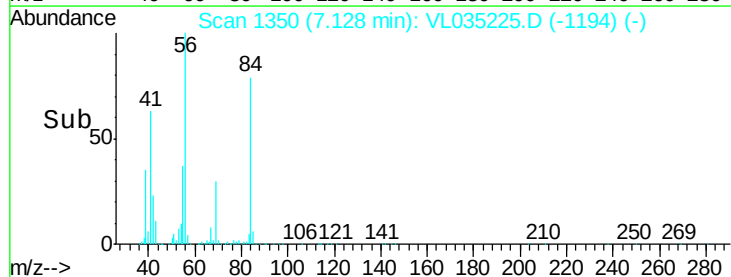
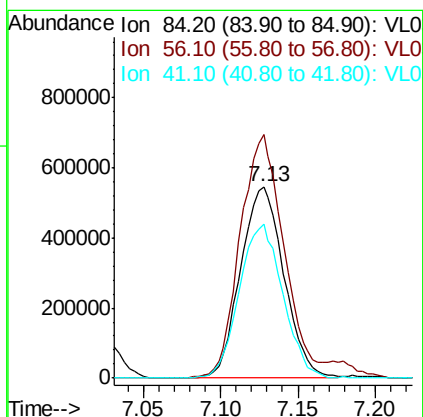
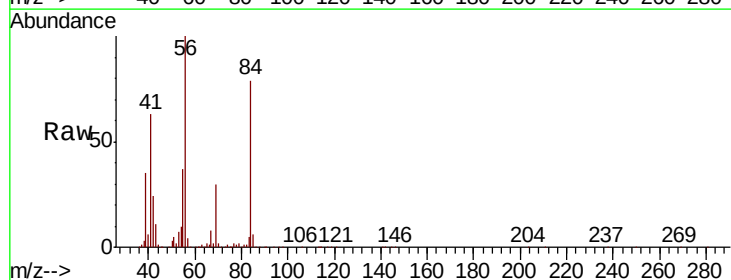
Instrument :
MSVOA_L
ClientSampled :

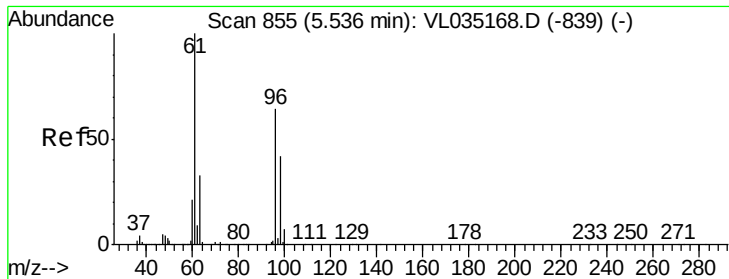
Tot Ion: 83 Resp: 2061683
Ion Ratio Lower Upper
83 100
85 64.9 54.3 81.5



#30
Cyclohexane
Concen: 11.536 ppbv
RT: 7.13 min Scan# 1350
Delta R.T. 0.00 min
Lab File: VL035225.D
Acq: 23 Jul 2020 11:47

Tgt Ion: 84 Resp: 1060509
Ion Ratio Lower Upper
84 100
56 134.9 105.6 158.4
41 81.2 64.9 97.3



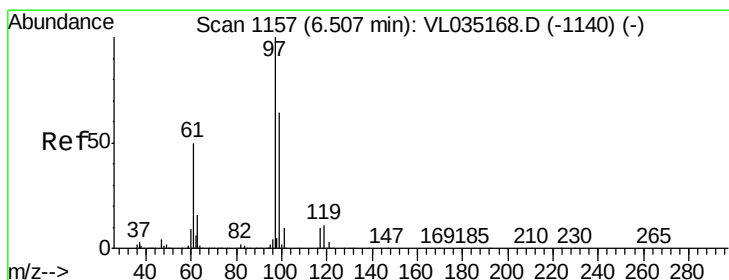
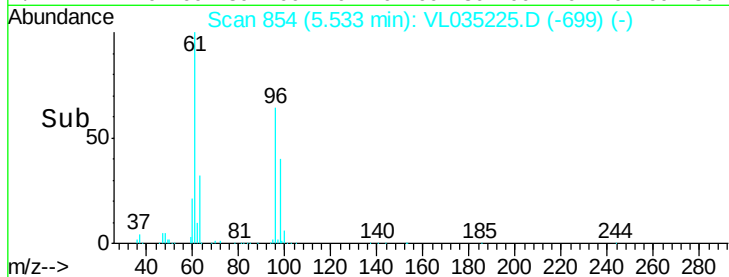
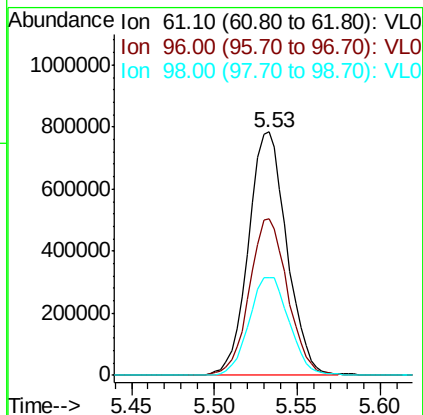
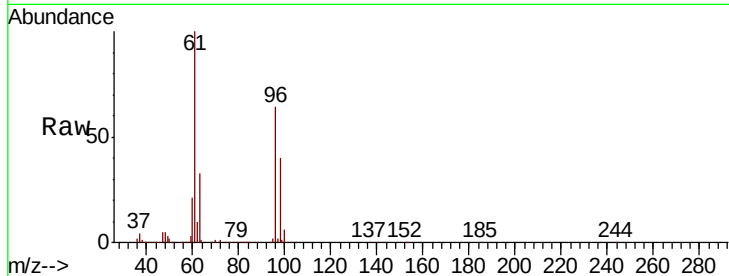


#31

cis-1,2-Dichloroethene
 Concen: 10.723 ppbv
 RT: 5.53 min Scan# 854
 Delta R.T. -0.00 min
 Lab File: VL035225.D
 Acq: 23 Jul 2020 11:47

Instrument :
 MSVOA_L
 ClientSampleId :

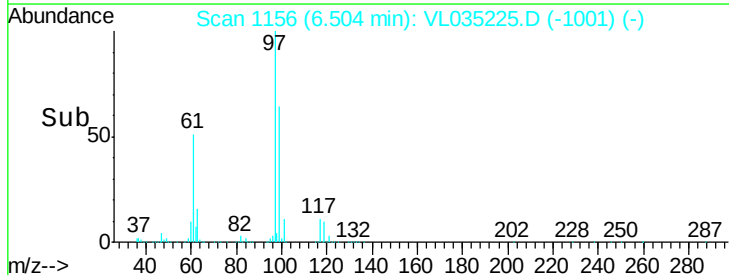
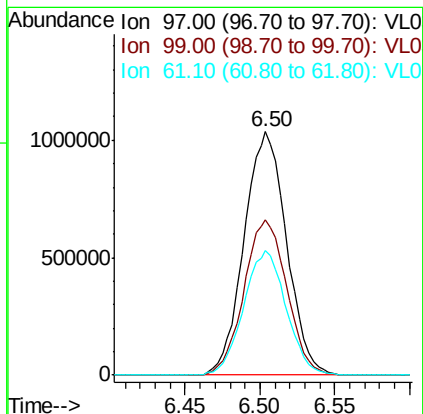
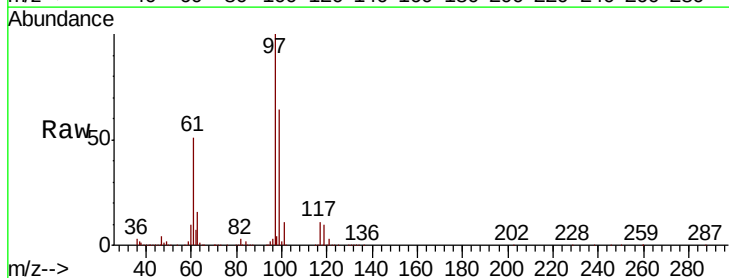
Tot Ion: 61 Resp: 1260164
 Ion Ratio Lower Upper
 61 100
 96 64.4 51.3 76.9
 98 40.2 33.8 50.8

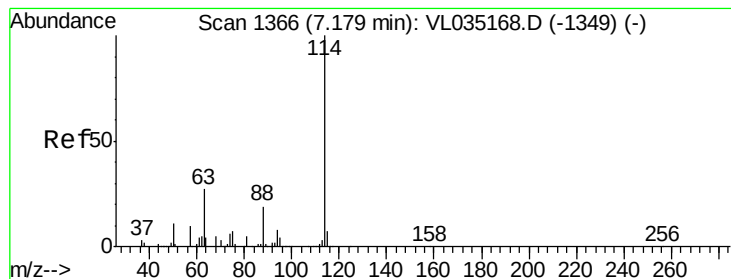


#32

1,1,1-Trichloroethane
 Concen: 9.799 ppbv
 RT: 6.50 min Scan# 1156
 Delta R.T. -0.00 min
 Lab File: VL035225.D
 Acq: 23 Jul 2020 11:47

Tgt Ion: 97 Resp: 2045647
 Ion Ratio Lower Upper
 97 100
 99 64.6 51.2 76.8
 61 51.4 40.9 61.3





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.18 min Scan# 1365

Delta R.T. -0.00 min

Lab File: VL035225.D

Acq: 23 Jul 2020 11:47

Instrument :

MSVOA_L

ClientSampleId :

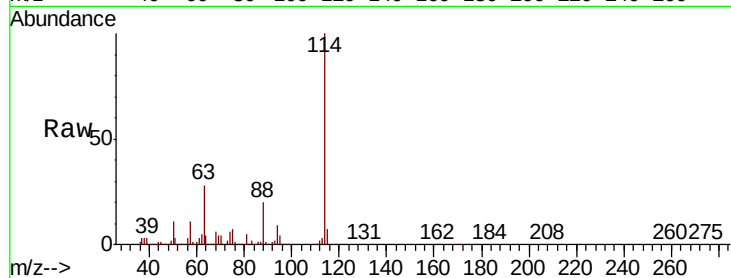
Tot Ion:114 Resp: 3184128

Ion Ratio Lower Upper

114 100

63 27.8 22.0 33.0

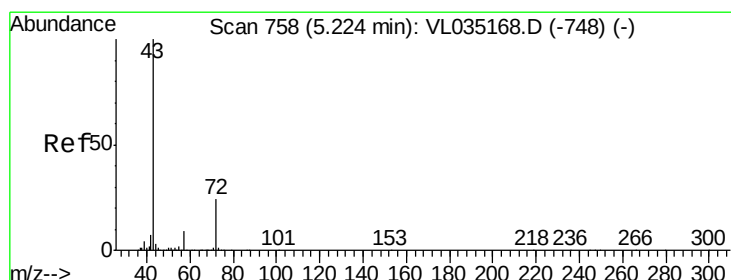
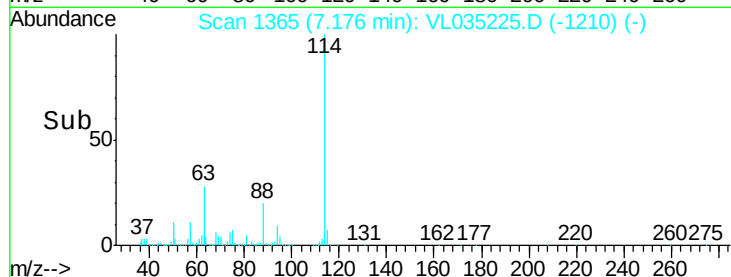
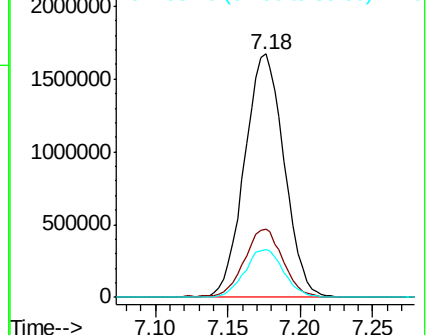
88 19.4 15.4 23.0



Abundance Ion 114.10 (113.80 to 114.80): V

Ion 63.10 (62.80 to 63.80): VL0

Ion 88.10 (87.80 to 88.80): VL0



#34

2-Butanone

Concen: 10.388 ppbv

RT: 5.22 min Scan# 757

Delta R.T. -0.00 min

Lab File: VL035225.D

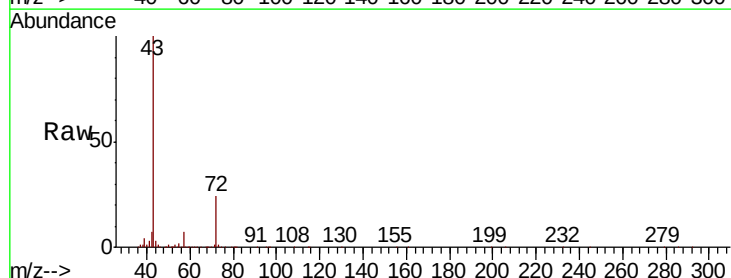
Acq: 23 Jul 2020 11:47

Tgt Ion: 43 Resp: 1765539

Ion Ratio Lower Upper

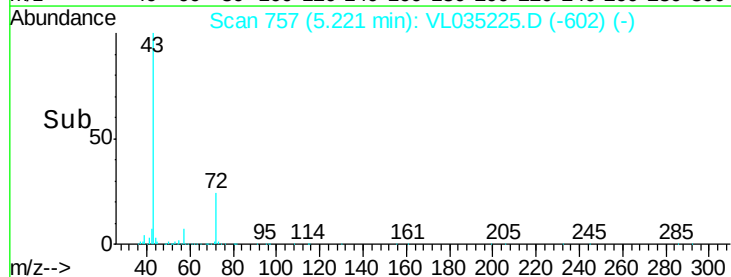
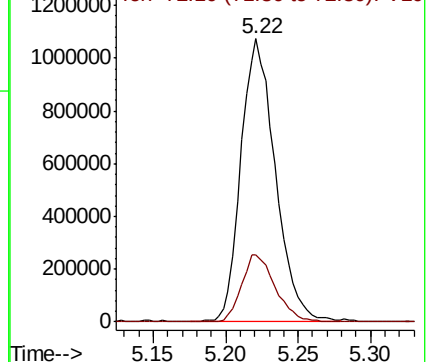
43 100

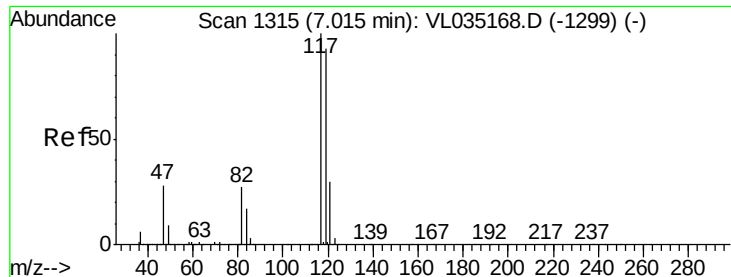
72 23.2 18.6 28.0



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 72.10 (71.80 to 72.80): VL0





#35

Carbon Tetrachloride

Concen: 10.263 ppbv

RT: 7.02 min Scan# 1315

Delta R.T. 0.00 min

Lab File: VL035225.D

Acq: 23 Jul 2020 11:47

Instrument :

MSVOA_L

ClientSampled :

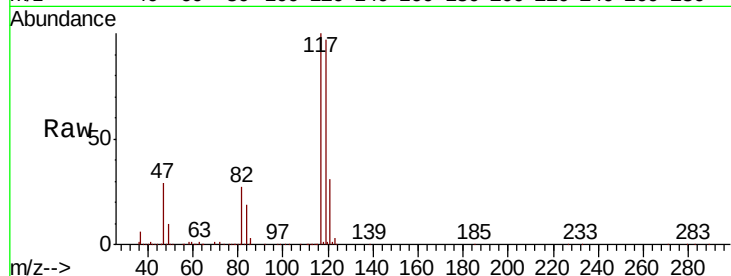
Tot Ion:117 Resp: 2121360

Ion Ratio Lower Upper

117 100

119 97.0 74.8 112.2

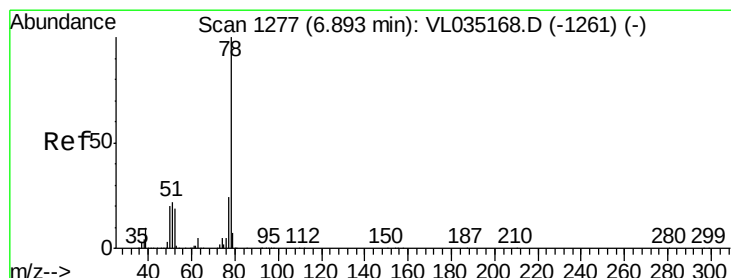
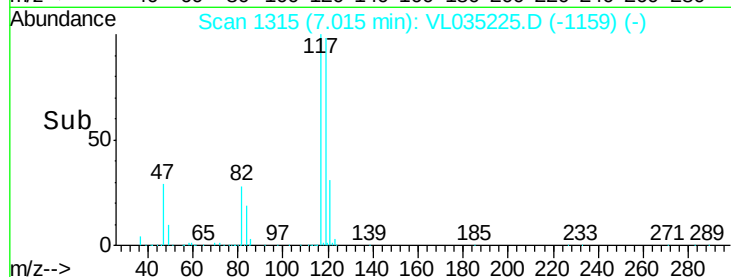
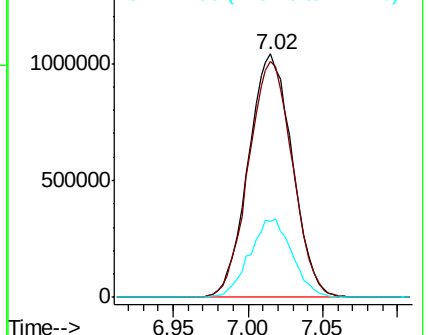
121 30.9 24.2 36.2



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V

Ion 121.00 (120.70 to 121.70): V



#36

Benzene

Concen: 10.926 ppbv

RT: 6.89 min Scan# 1275

Delta R.T. -0.01 min

Lab File: VL035225.D

Acq: 23 Jul 2020 11:47

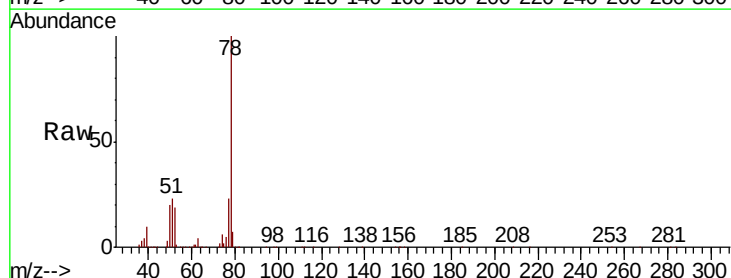
Tgt Ion: 78 Resp: 2518001

Ion Ratio Lower Upper

78 100

77 23.1 19.3 28.9

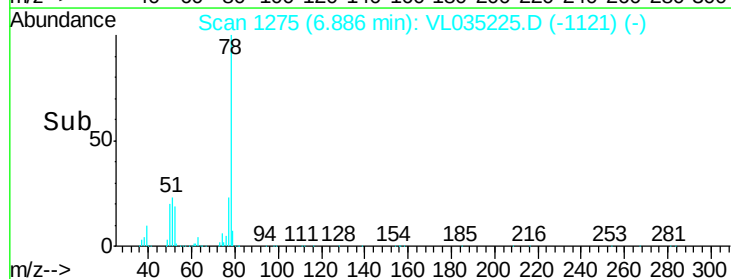
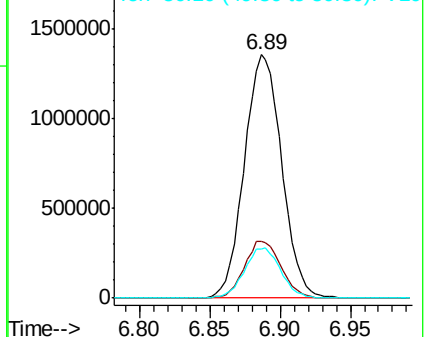
50 19.9 16.0 24.0

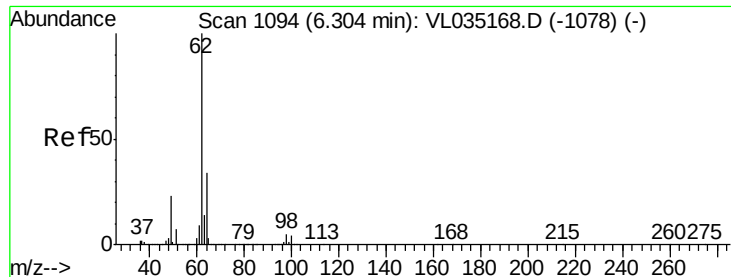


Abundance Ion 78.10 (77.80 to 78.80): VL0

Ion 77.10 (76.80 to 77.80): VL0

Ion 50.10 (49.80 to 50.80): VL0

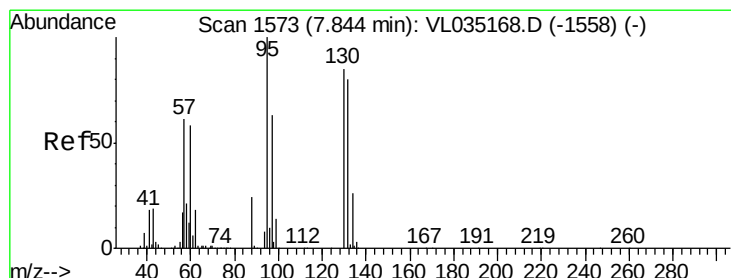
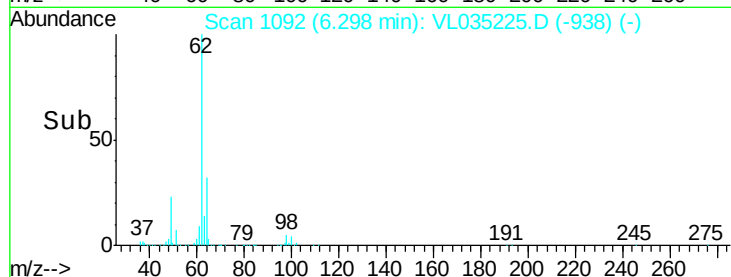
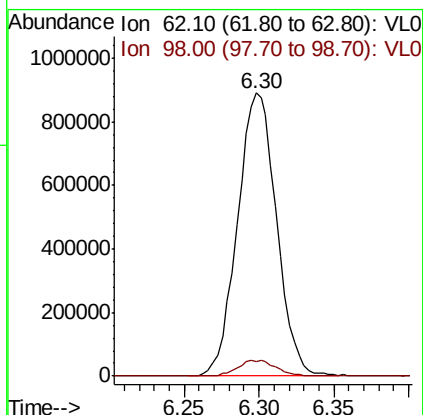
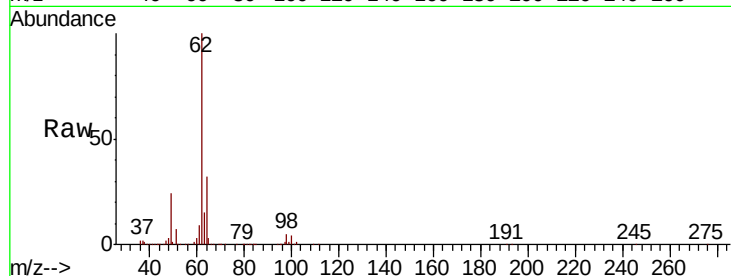




#37
 1,2-Dichloroethane
 Concen: 10.436 ppbv
 RT: 6.30 min Scan# 1092
 Delta R.T. -0.01 min
 Lab File: VL035225.D
 Acq: 23 Jul 2020 11:47

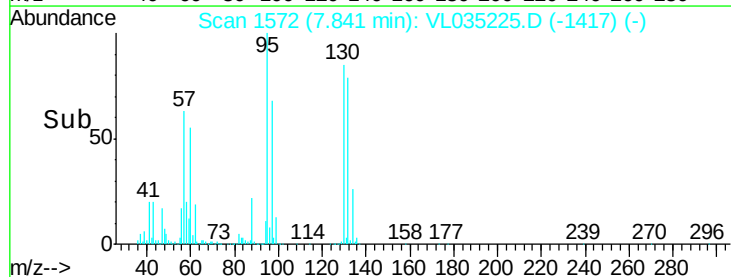
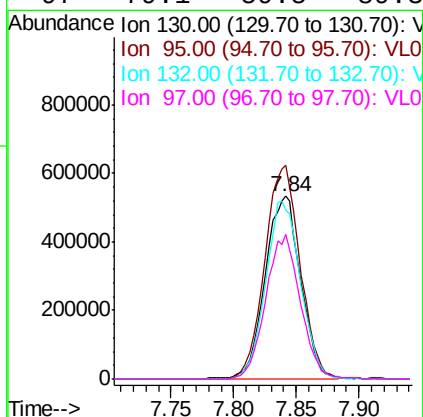
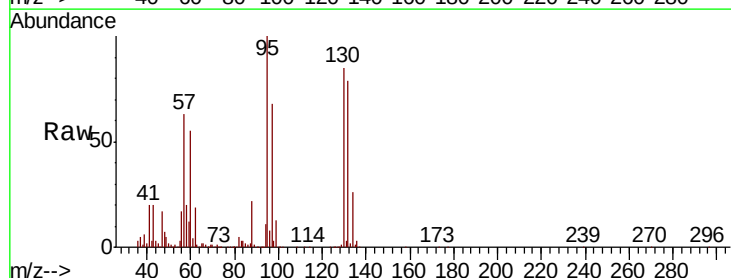
Instrument :
 MSVOA_L
 ClientSampleId :

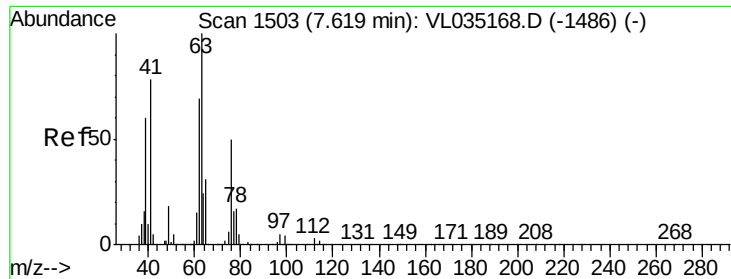
Tot Ion: 62 Resp: 1613971
 Ion Ratio Lower Upper
 62 100
 98 5.7 4.6 6.8



#38
 Trichloroethene
 Concen: 11.190 ppbv
 RT: 7.84 min Scan# 1572
 Delta R.T. -0.00 min
 Lab File: VL035225.D
 Acq: 23 Jul 2020 11:47

Tgt Ion:130 Resp: 1050798
 Ion Ratio Lower Upper
 130 100
 95 117.0 93.8 140.8
 132 92.3 75.0 112.4
 97 79.1 59.5 89.3

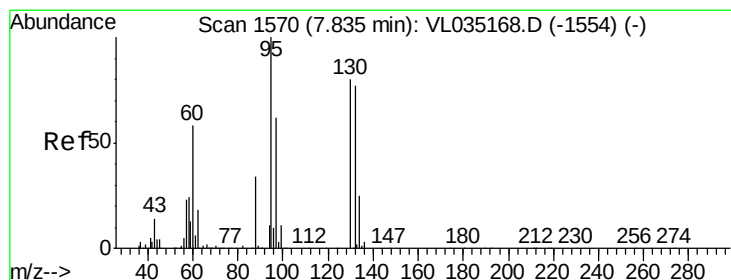
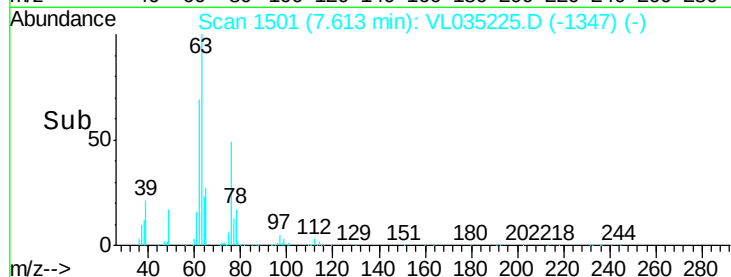
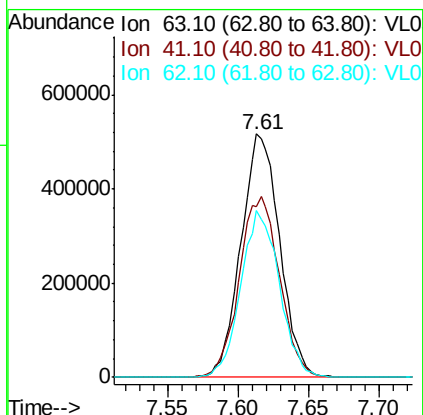
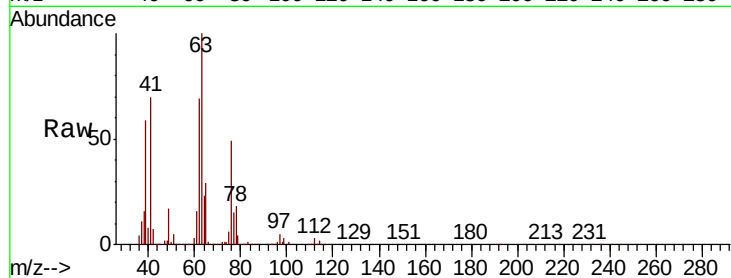




#39
 1,2-Dichloropropane
 Concen: 10.842 ppbv
 RT: 7.61 min Scan# 1501
 Delta R.T. -0.01 min
 Lab File: VL035225.D
 Acq: 23 Jul 2020 11:47

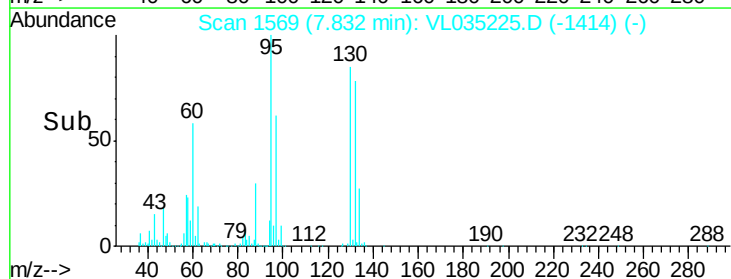
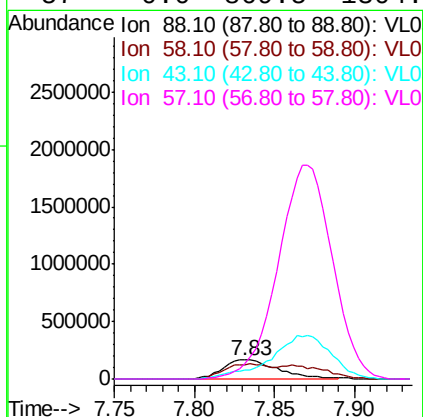
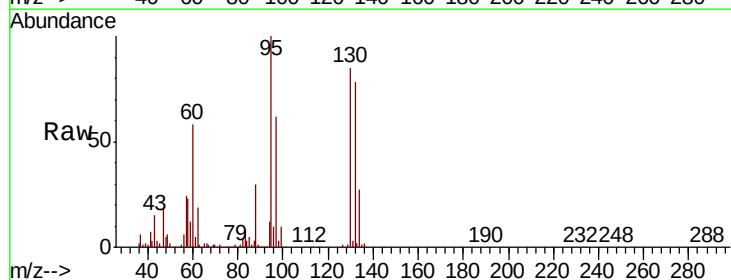
Instrument :
 MSVOA_L
 ClientSampleId :

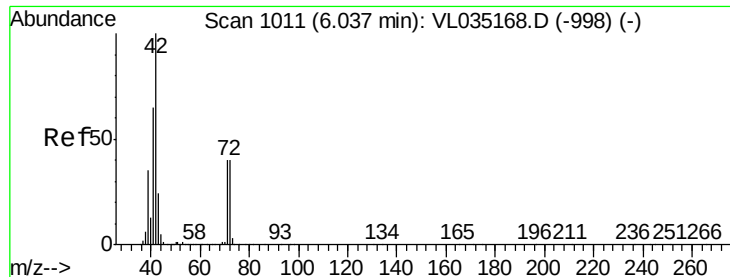
Tot Ion	Ratio	Lower	Upper
63	100		
41	70.1	62.6	94.0
62	68.8	55.0	82.6



#40
 1,4-Dioxane
 Concen: 10.571 ppbv
 RT: 7.83 min Scan# 1569
 Delta R.T. -0.00 min
 Lab File: VL035225.D
 Acq: 23 Jul 2020 11:47

Tgt Ion	Ratio	Lower	Upper
88	100		
58	131.4	100.2	150.4
43	0.0	199.8	299.8#
57	0.0	869.5	1304.3#





#41

Tetrahydrofuran

Concen: 11.190 ppbv

RT: 6.03 min Scan# 1010

Delta R.T. -0.00 min

Lab File: VL035225.D

Acq: 23 Jul 2020 11:47

Instrument :

MSVOA_L

ClientSampleId :

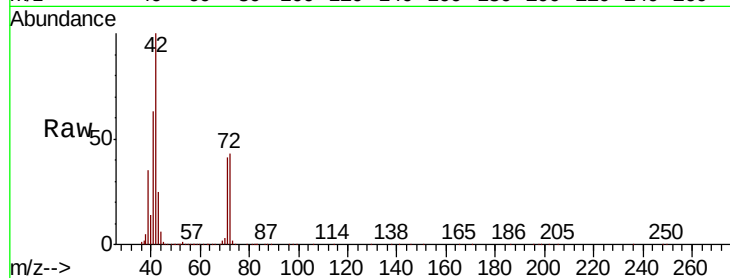
Tot Ion: 42 Resp: 951582

Ion Ratio Lower Upper

42 100

72 42.8 33.4 50.2

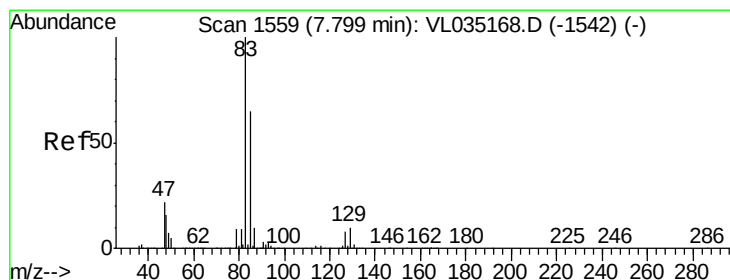
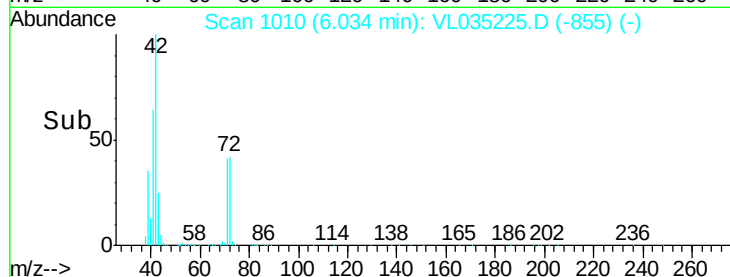
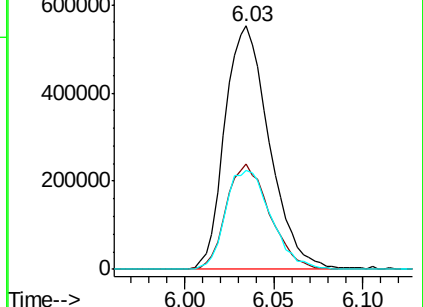
71 42.1 31.9 47.9



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: 10.813 ppbv

RT: 7.80 min Scan# 1559

Delta R.T. 0.00 min

Lab File: VL035225.D

Acq: 23 Jul 2020 11:47

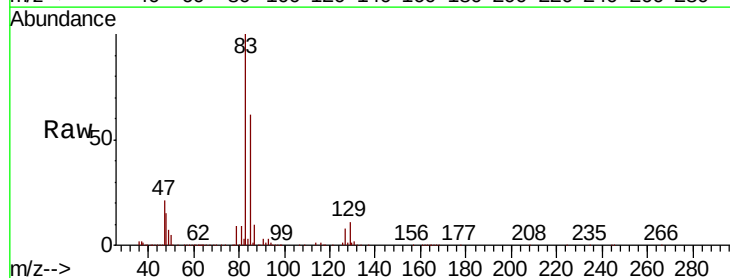
Tgt Ion: 83 Resp: 2233200

Ion Ratio Lower Upper

83 100

85 61.6 52.2 78.4

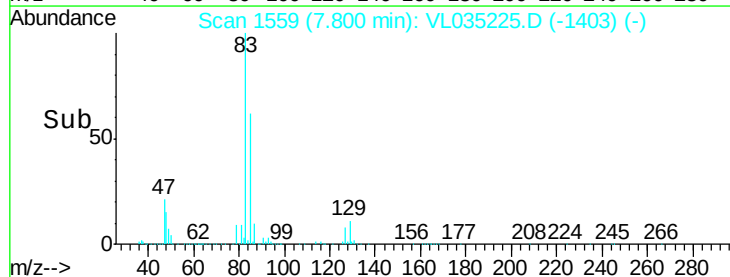
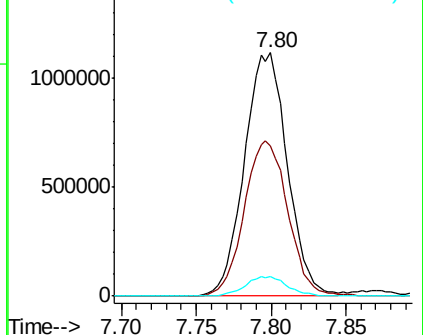
127 7.9 6.3 9.5

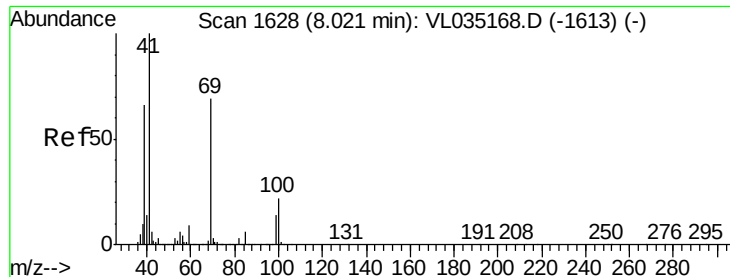


Abundance Ion 83.00 (82.70 to 83.70): VL0

Ion 85.00 (84.70 to 85.70): VL0

Ion 126.90 (126.60 to 127.60): V





#43

Methyl Methacrylate

Concen: 11.924 ppbv

RT: 8.02 min Scan# 1627

Delta R.T. -0.00 min

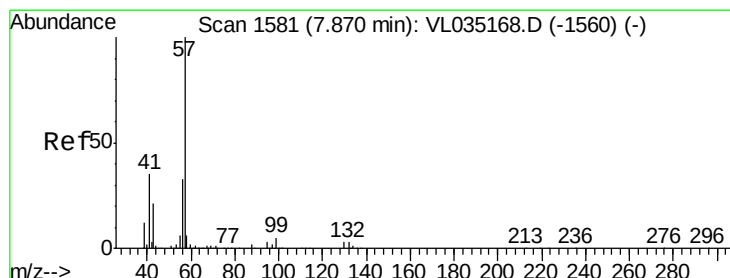
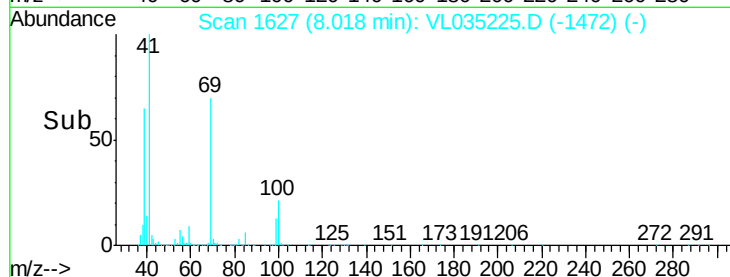
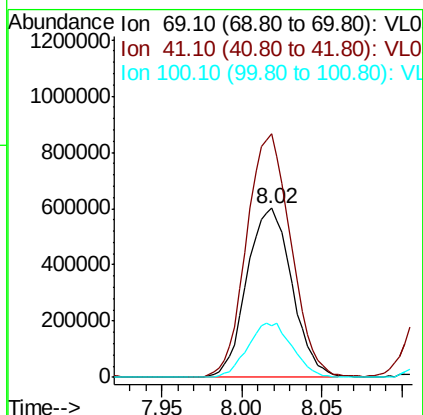
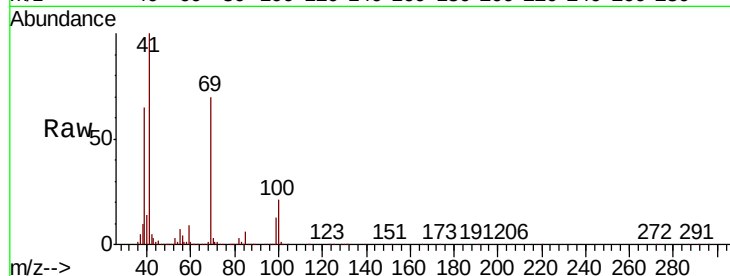
Lab File: VL035225.D

Acq: 23 Jul 2020 11:47

Instrument :
MSVOA_L
ClientSampleId :

Tot Ion: 69 Resp: 1161632

Ion	Ratio	Lower	Upper
69	100		
41	141.4	116.3	174.5
100	32.2	25.6	38.4



#44

2,2,4-Trimethylpentane

Concen: 11.095 ppbv

RT: 7.87 min Scan# 1580

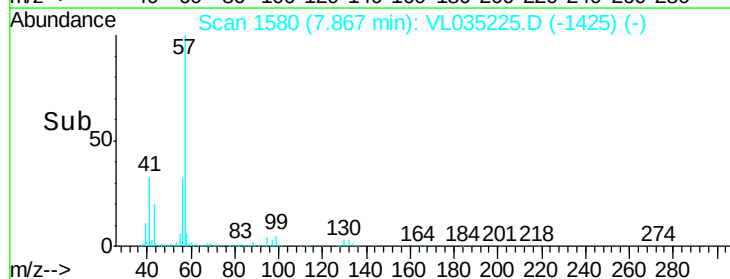
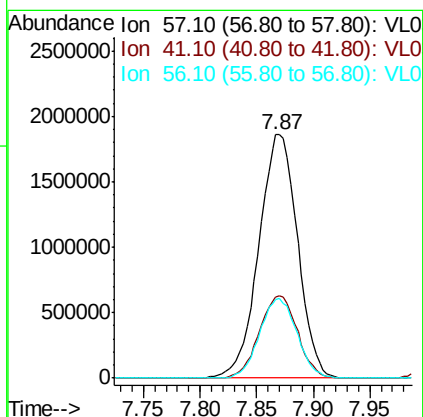
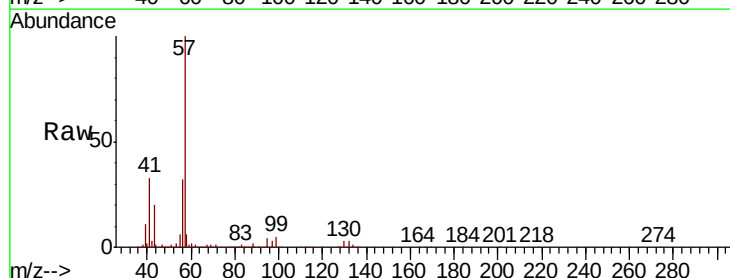
Delta R.T. -0.00 min

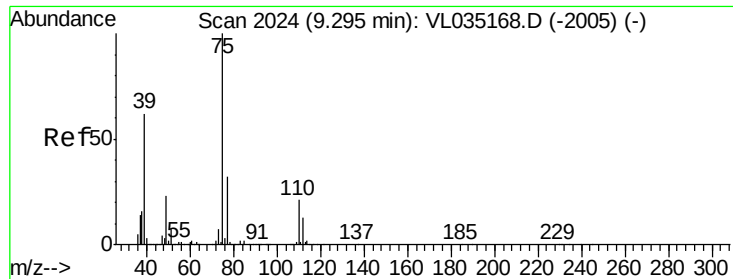
Lab File: VL035225.D

Acq: 23 Jul 2020 11:47

Tgt Ion: 57 Resp: 4413330

Ion	Ratio	Lower	Upper
57	100		
41	33.5	27.0	40.6
56	31.6	25.5	38.3

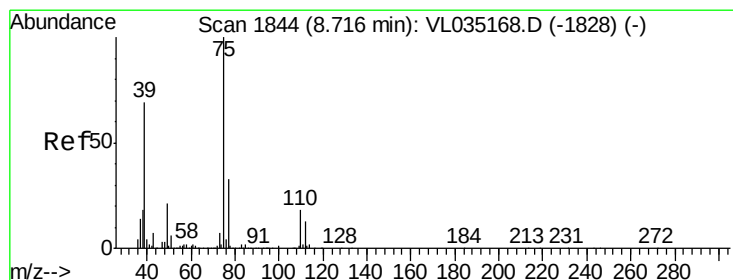
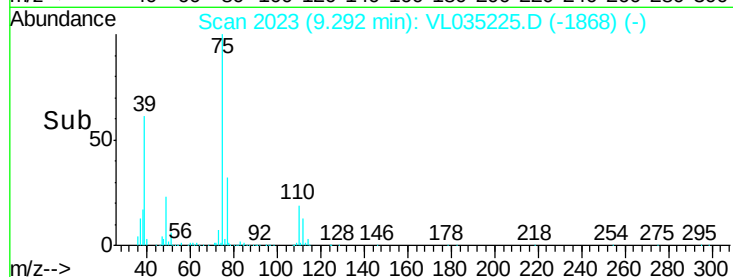
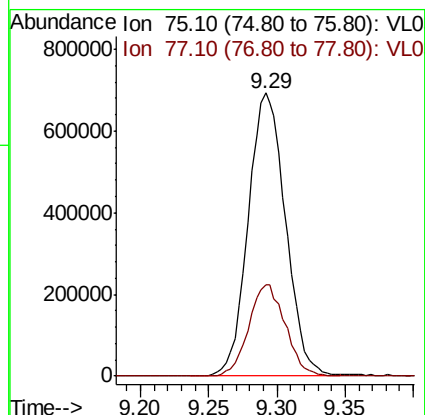
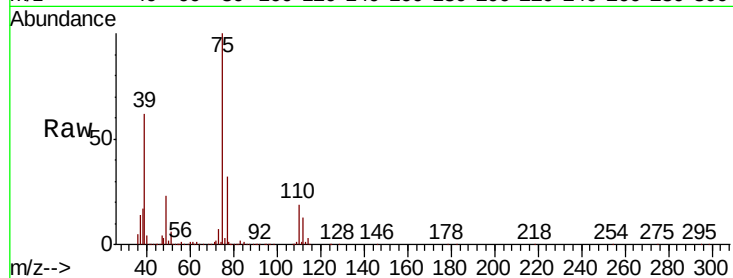




#45
t-1,3-Dichloropropene
Concen: 12.839 ppbv
RT: 9.29 min Scan# 2023
Delta R.T. -0.00 min
Lab File: VL035225.D
Acq: 23 Jul 2020 11:47

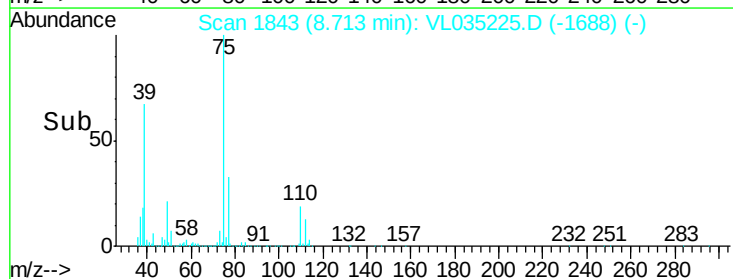
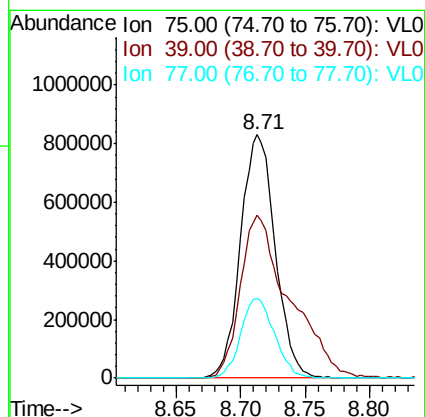
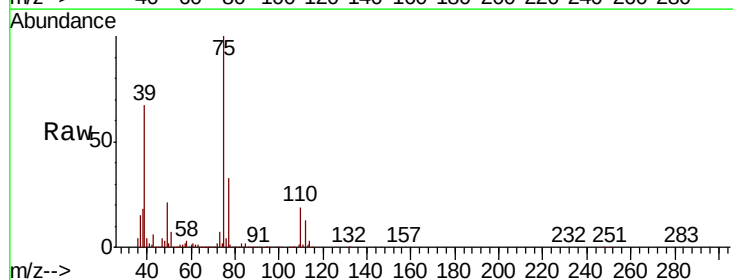
Instrument :
MSVOA_L
ClientSampleId :

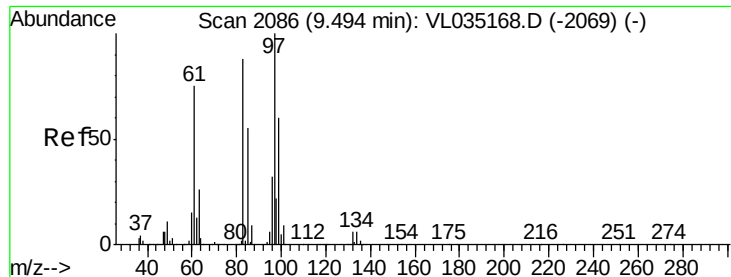
Tot Ion: 75 Resp: 1314010
Ion Ratio Lower Upper
75 100
77 32.3 25.8 38.8



#46
cis-1,3-Dichloropropene
Concen: 12.797 ppbv
RT: 8.71 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VL035225.D
Acq: 23 Jul 2020 11:47

Tgt Ion: 75 Resp: 1552687
Ion Ratio Lower Upper
75 100
39 67.1 55.2 82.8
77 32.9 26.0 39.0





#47

1,1,2-Trichloroethane

Concen: 10.983 ppbv

RT: 9.49 min Scan# 2084

Delta R.T. -0.01 min

Lab File: VL035225.D

Acq: 23 Jul 2020 11:47

Instrument :
MSVOA_L
ClientSampleId :

Tot Ion: 97 Resp: 1101748

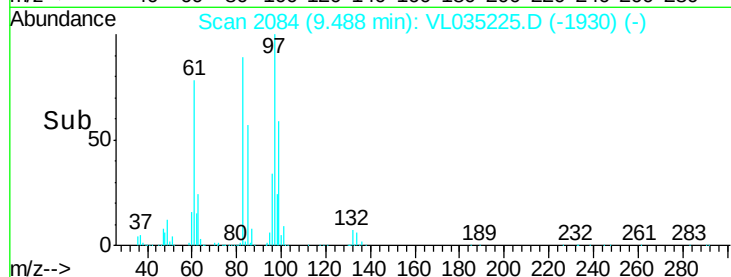
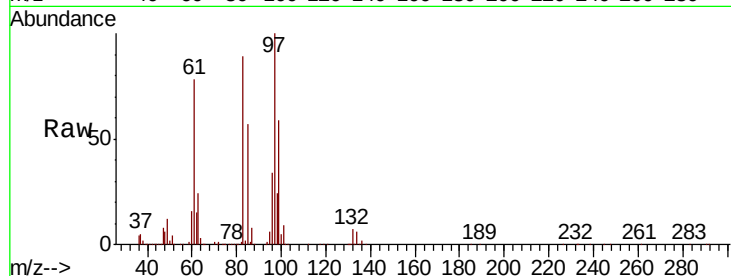
Ion	Ratio	Lower	Upper
97	100		
83	88.6	70.3	105.5
85	57.2	44.3	66.5
99	59.0	47.8	71.6

97 100

83 88.6 70.3 105.5

85 57.2 44.3 66.5

99 59.0 47.8 71.6



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

800000

600000

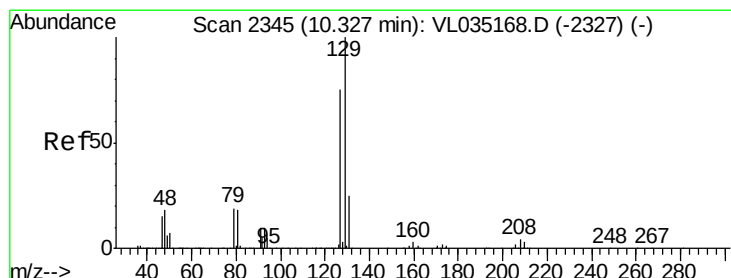
400000

200000

0

9.49

Time--> 9.40 9.45 9.50 9.55



#48

Dibromochloromethane

Concen: 11.322 ppbv

RT: 10.32 min Scan# 2344

Delta R.T. -0.00 min

Lab File: VL035225.D

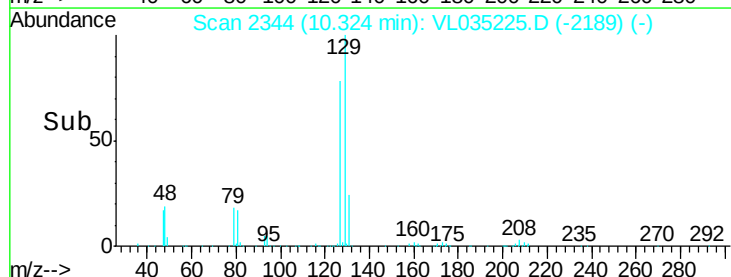
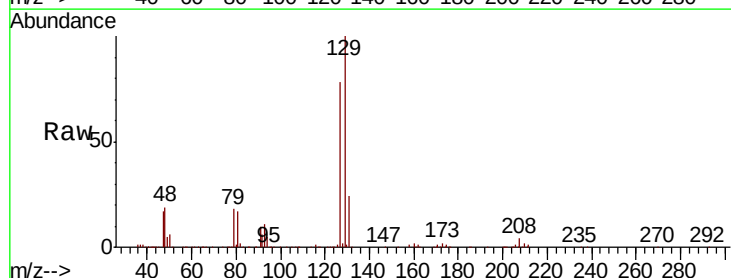
Acq: 23 Jul 2020 11:47

Tgt Ion: 129 Resp: 1847952

Ion	Ratio	Lower	Upper
129	100		
127	78.4	38.8	116.3

129 100

127 78.4 38.8 116.3



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

1000000

800000

600000

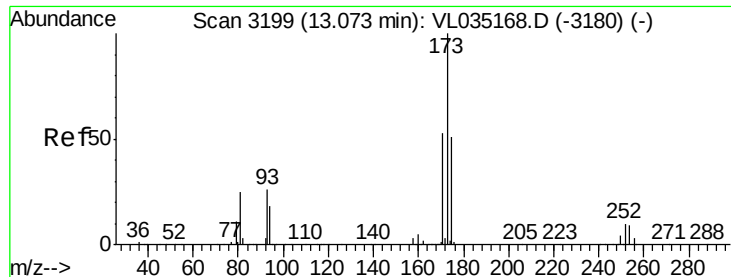
400000

200000

0

10.32

Time--> 10.20 10.30 10.40



#49

Bromoform

Concen: 11.495 ppbv

RT: 13.07 min Scan# 3199

Delta R.T. 0.00 min

Lab File: VL035225.D

Acq: 23 Jul 2020 11:47

Instrument :

MSVOA_L

ClientSampleId :

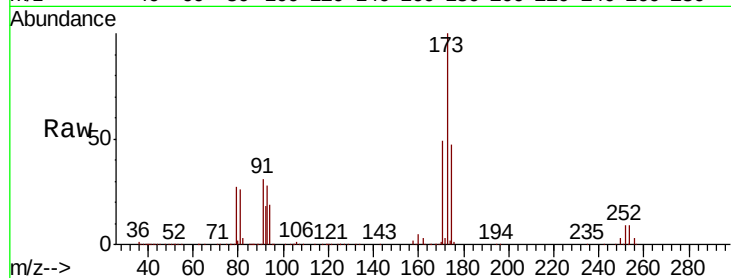
Tot Ion:173 Resp: 1641222

Ion Ratio Lower Upper

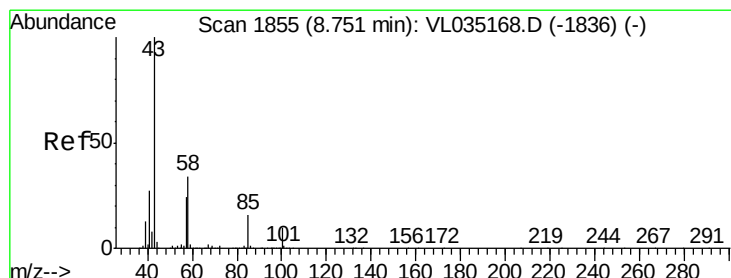
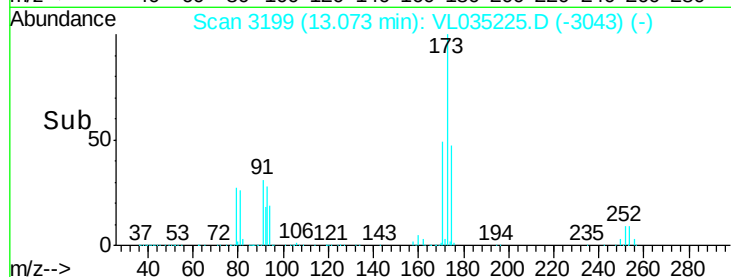
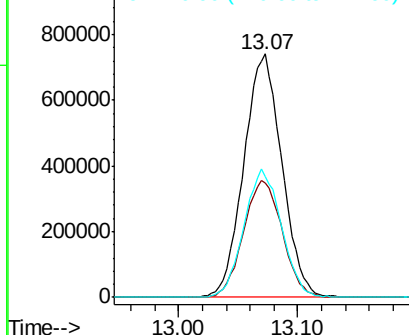
173 100

175 48.9 39.7 59.5

171 52.1 41.6 62.4



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: 11.266 ppbv

RT: 8.75 min Scan# 1854

Delta R.T. -0.00 min

Lab File: VL035225.D

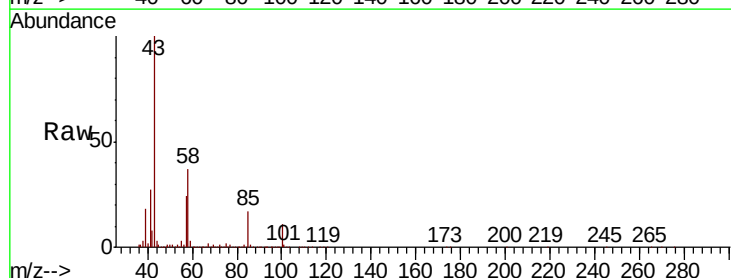
Acq: 23 Jul 2020 11:47

Tgt Ion: 43 Resp: 2747922

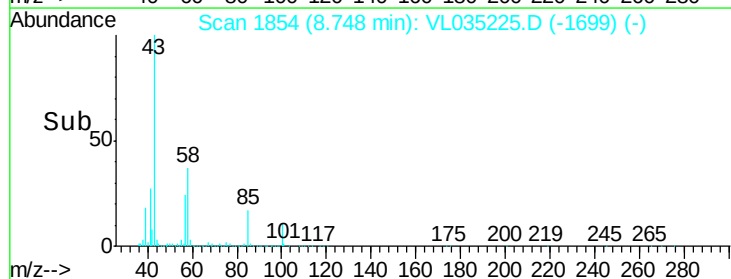
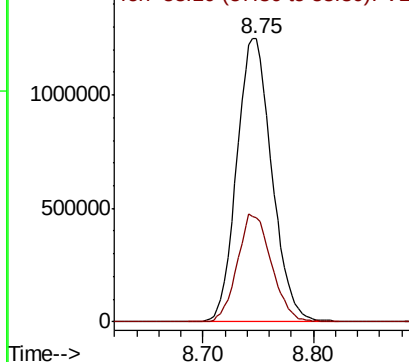
Ion Ratio Lower Upper

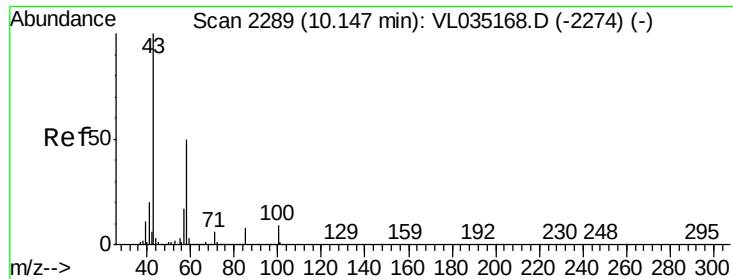
43 100

58 37.2 29.4 44.2



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

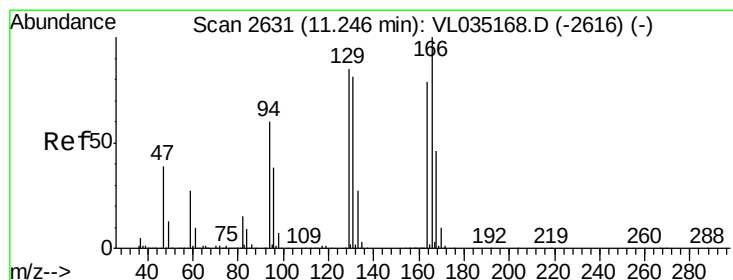
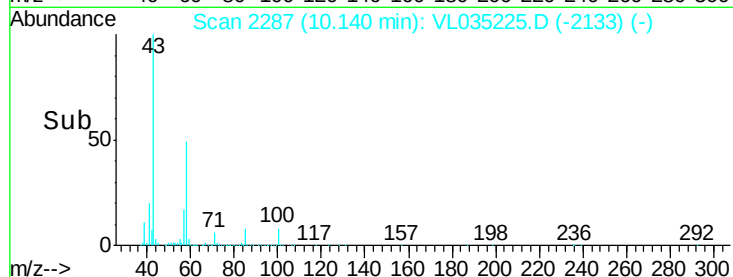
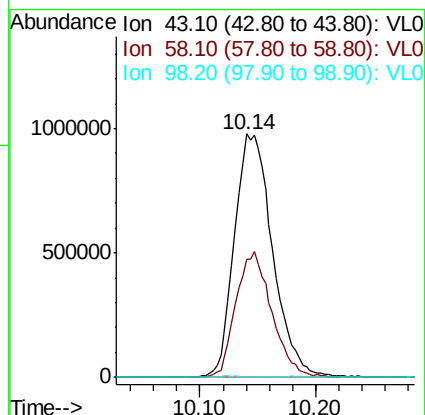
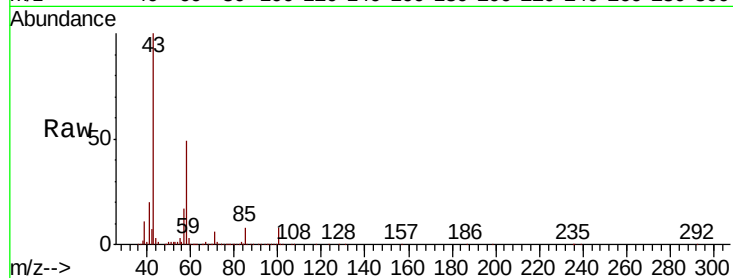




#51
2-Hexanone
Concen: 11.987 ppbv
RT: 10.14 min Scan# 2287
Delta R.T. -0.01 min
Lab File: VL035225.D
Acq: 23 Jul 2020 11:47

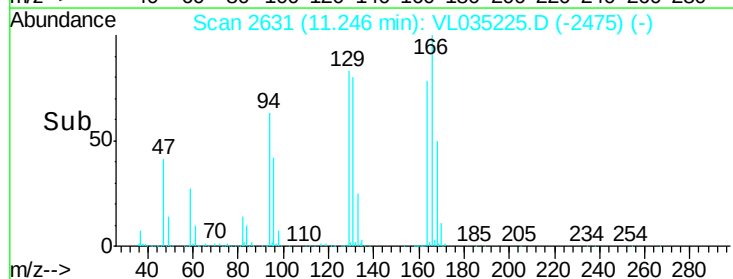
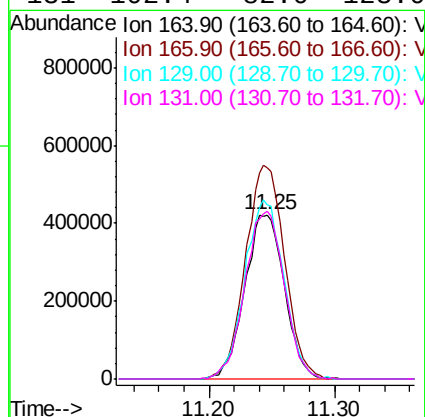
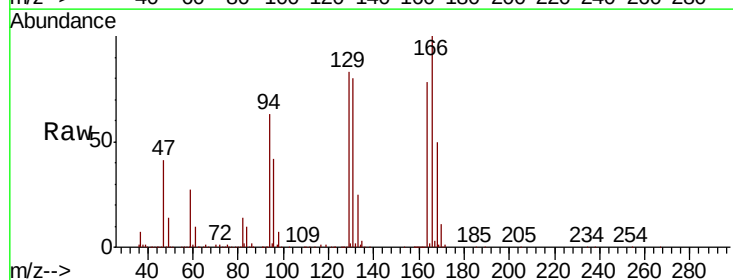
Instrument :
MSVOA_L
ClientSampleId :

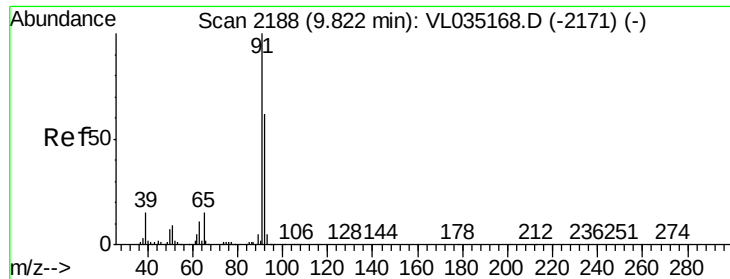
Tot Ion: 43 Resp: 2229409
Ion Ratio Lower Upper
43 100
58 48.6 39.4 59.0
98 0.4 0.3 0.5



#52
Tetrachloroethene
Concen: 10.763 ppbv
RT: 11.25 min Scan# 2631
Delta R.T. 0.00 min
Lab File: VL035225.D
Acq: 23 Jul 2020 11:47

Tgt Ion:164 Resp: 926419
Ion Ratio Lower Upper
164 100
166 128.1 100.7 151.1
129 106.2 85.8 128.6
131 102.4 82.0 123.0





#53

Toluene

Concen: 12.115 ppbv

RT: 9.82 min Scan# 2188

Delta R.T. 0.00 min

Lab File: VL035225.D

Acq: 23 Jul 2020 11:47

Instrument :

MSVOA_L

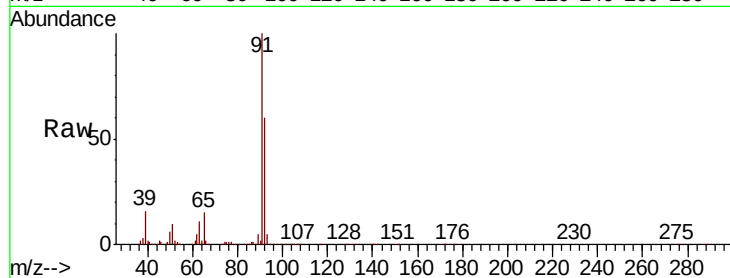
ClientSampleId :

Tot Ion: 91 Resp: 2946608

Ion Ratio Lower Upper

91 100

92 61.3 48.4 72.6



Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 92.10 (91.80 to 92.80): VL0

1500000

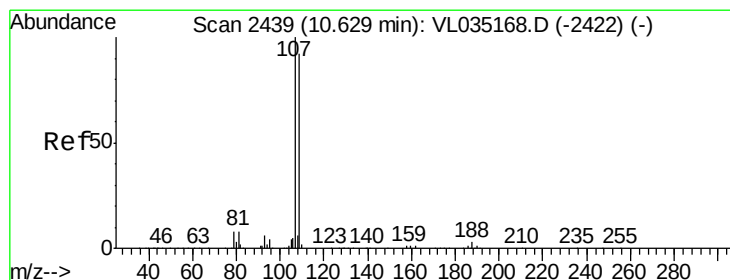
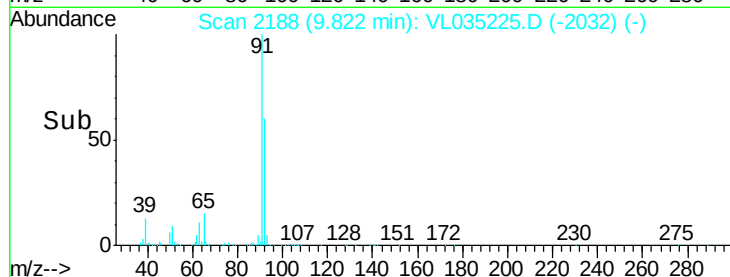
1000000

500000

0

9.75 9.80 9.85 9.90

Time-->



#54

1,2-Dibromoethane

Concen: 11.083 ppbv

RT: 10.63 min Scan# 2440

Delta R.T. 0.00 min

Lab File: VL035225.D

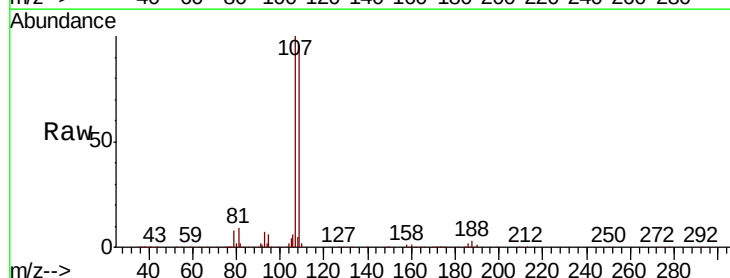
Acq: 23 Jul 2020 11:47

Tgt Ion: 107 Resp: 1649922

Ion Ratio Lower Upper

107 100

109 95.7 74.0 111.0



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

800000

600000

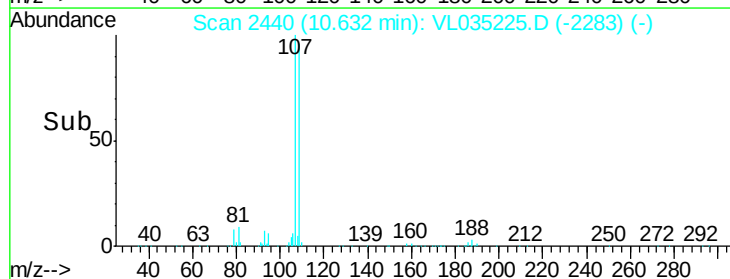
400000

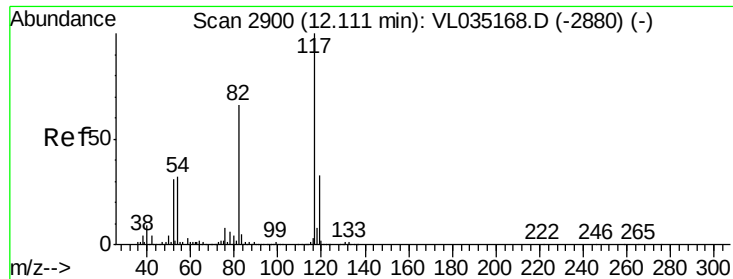
200000

0

10.55 10.60 10.65 10.70

Time-->

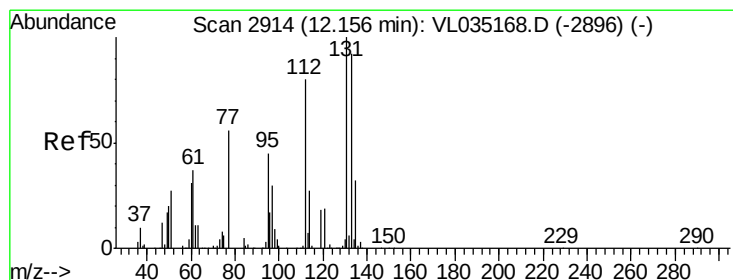
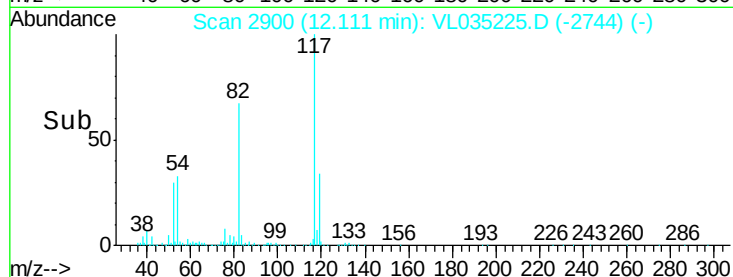
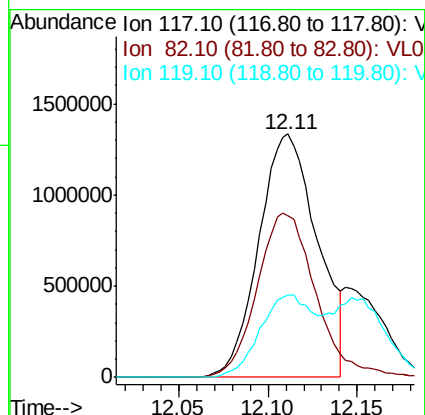
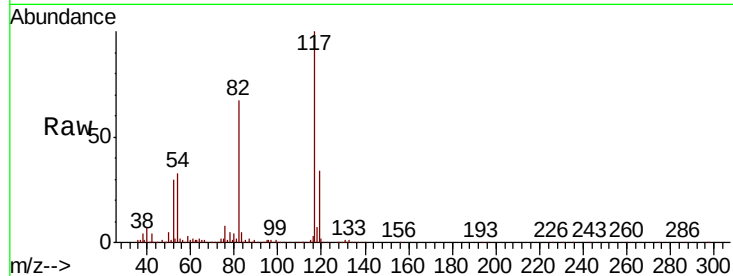




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.11 min Scan# 2900
Delta R.T. 0.00 min
Lab File: VL035225.D
Acq: 23 Jul 2020 11:47

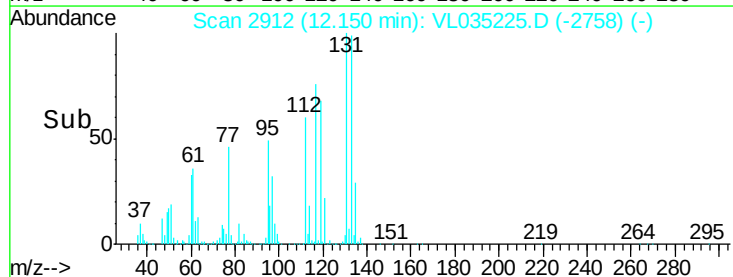
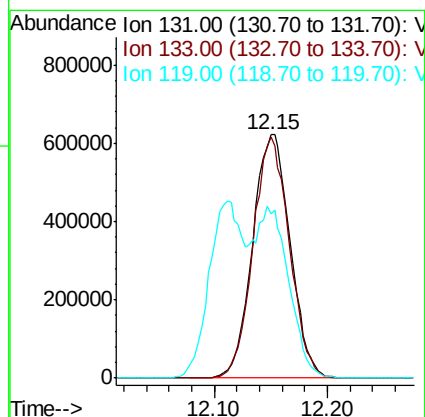
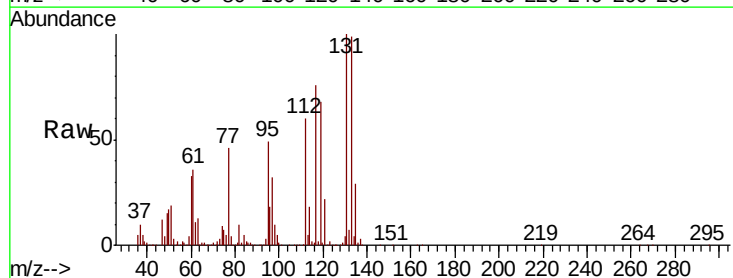
Instrument :
MSVOA_L
ClientSampleId :

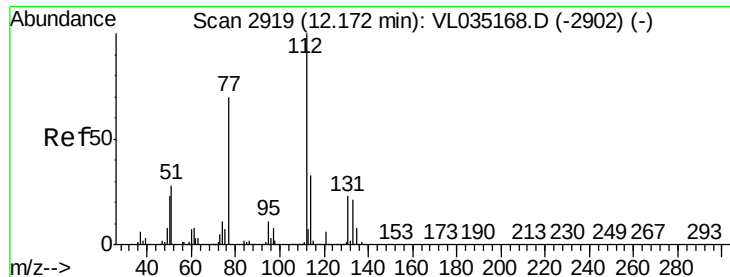
Tot Ion:117 Resp: 3065125
Ion Ratio Lower Upper
117 100
82 68.0 52.3 78.5
119 29.9 24.9 37.3



#56
1,1,1,2-Tetrachloroethane
Concen: 10.567 ppbv
RT: 12.15 min Scan# 2912
Delta R.T. -0.01 min
Lab File: VL035225.D
Acq: 23 Jul 2020 11:47

Tgt Ion:131 Resp: 1434983
Ion Ratio Lower Upper
131 100
133 95.7 75.4 113.2
119 63.5 42.4 63.6

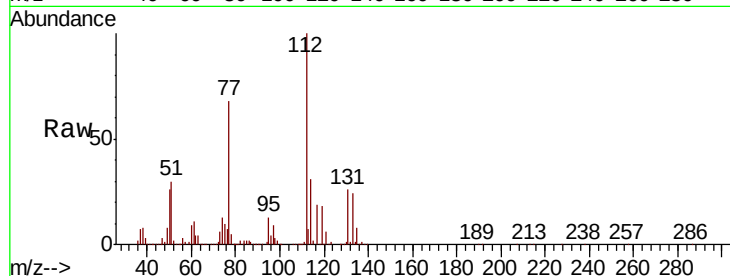




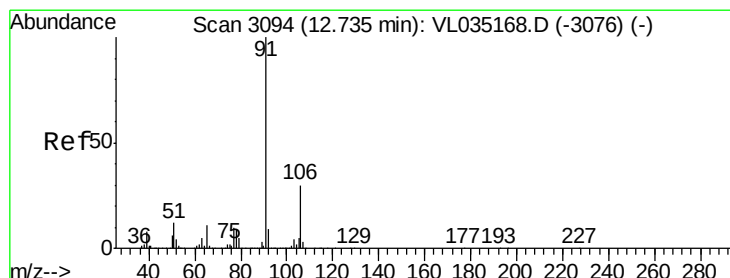
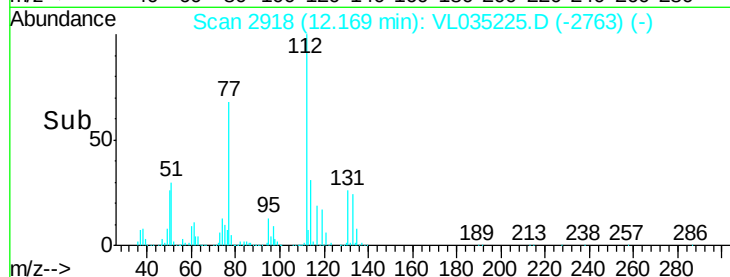
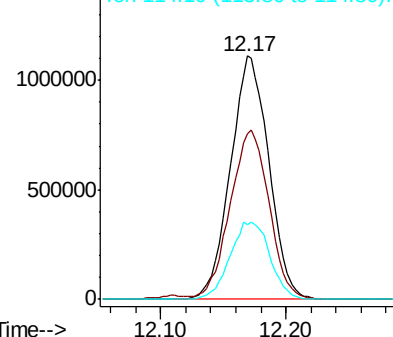
#57
Chlorobenzene
Concen: 10.461 ppbv
RT: 12.17 min Scan# 2918
Delta R.T. -0.00 min
Lab File: VL035225.D
Acq: 23 Jul 2020 11:47

Instrument :
MSVOA_L
ClientSampled :

Tot Ion:112 Resp: 2363331
Ion Ratio Lower Upper
112 100
77 67.7 57.0 85.4
114 30.7 30.2 37.0

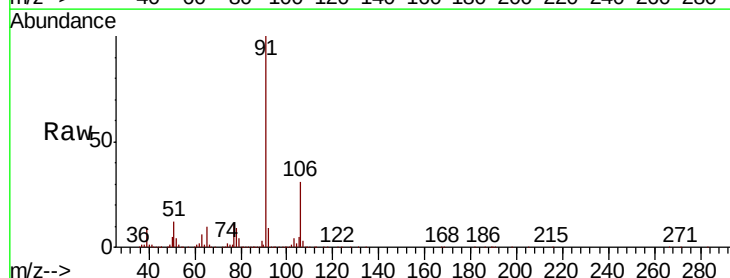


Abundance Ion 112.10 (111.80 to 112.80): V
1500000 Ion 77.10 (76.80 to 77.80): VL0
Ion 114.10 (113.80 to 114.80): V

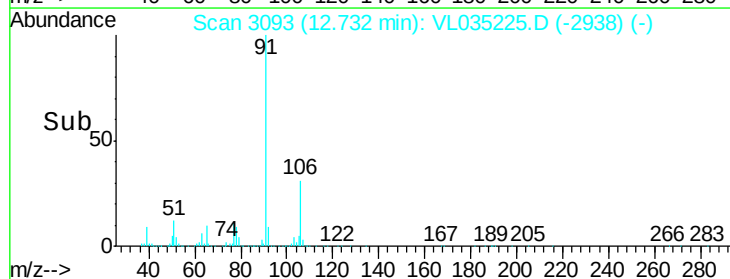
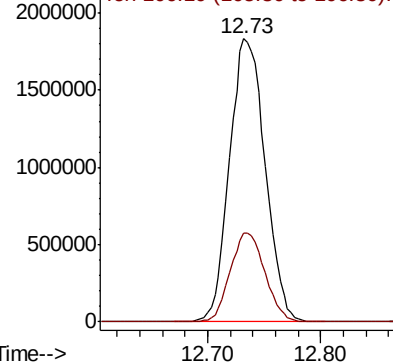


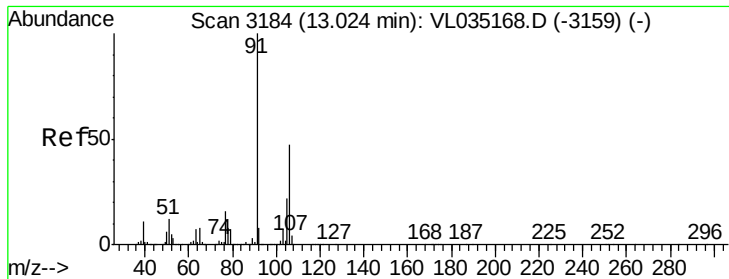
#58
Ethyl Benzene
Concen: 11.844 ppbv
RT: 12.73 min Scan# 3093
Delta R.T. -0.00 min
Lab File: VL035225.D
Acq: 23 Jul 2020 11:47

Tgt Ion: 91 Resp: 4012448
Ion Ratio Lower Upper
91 100
106 31.4 24.2 36.2



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

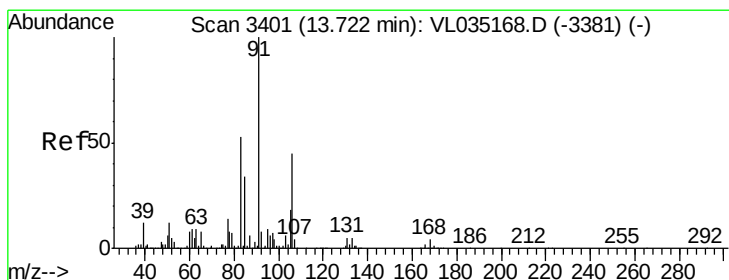
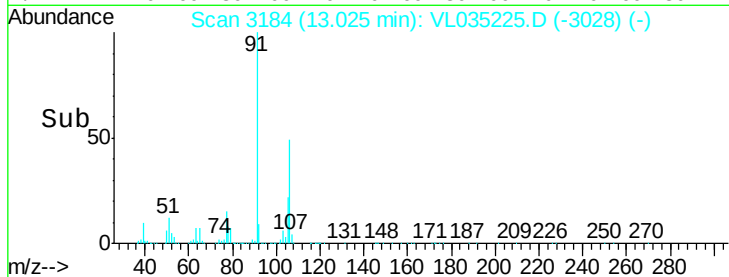
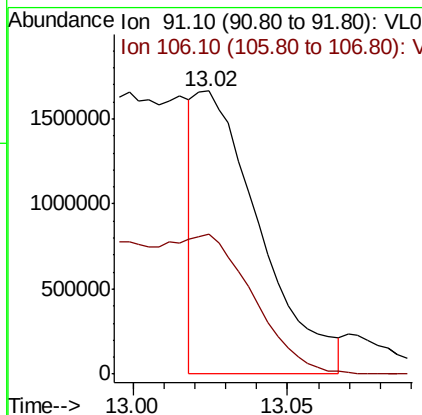
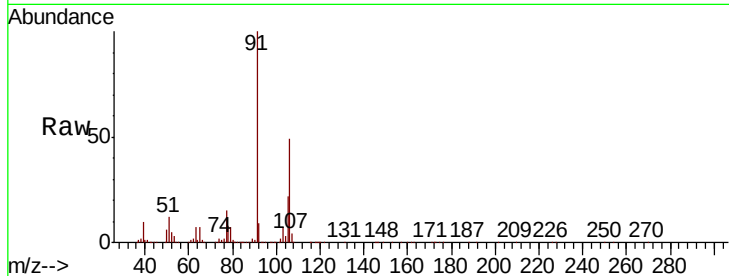




#59
m/p-Xylene
Concen: 7.947 ppbv
RT: 13.02 min Scan# 3184
Delta R.T. 0.00 min
Lab File: VL035225.D
Acq: 23 Jul 2020 11:47

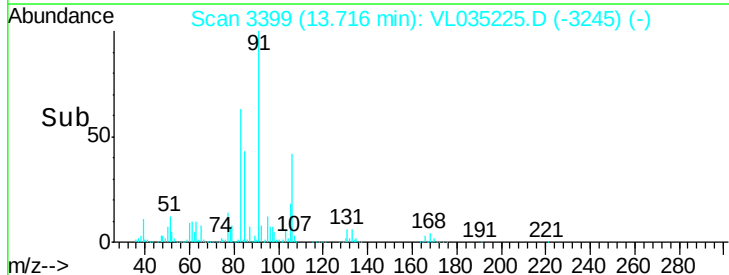
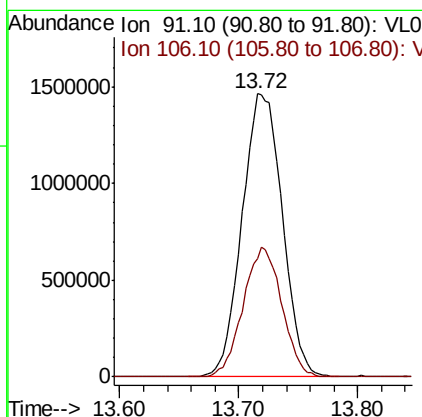
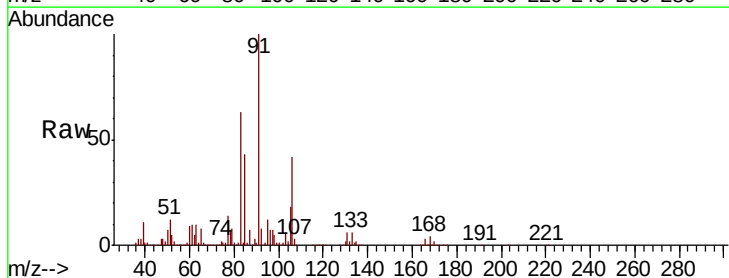
Instrument :
MSVOA_L
ClientSampleId :

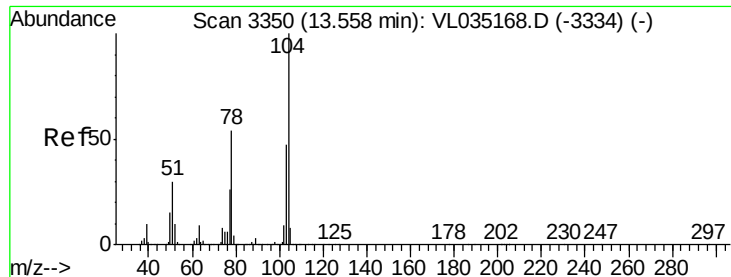
Tot Ion: 91 Resp: 2399501
Ion Ratio Lower Upper
91 100
106 130.6 36.2 54.2#



#60
o-Xylene
Concen: 11.386 ppbv
RT: 13.72 min Scan# 3399
Delta R.T. -0.01 min
Lab File: VL035225.D
Acq: 23 Jul 2020 11:47

Tgt Ion: 91 Resp: 3430147
Ion Ratio Lower Upper
91 100
106 43.9 22.1 66.3





#61

Stvrene

Concen: 12.743 ppbv

RT: 13.56 min Scan# 3350

Delta R.T. 0.00 min

Lab File: VL035225.D

Acq: 23 Jul 2020 11:47

Instrument :

MSVOA_L

ClientSampled :

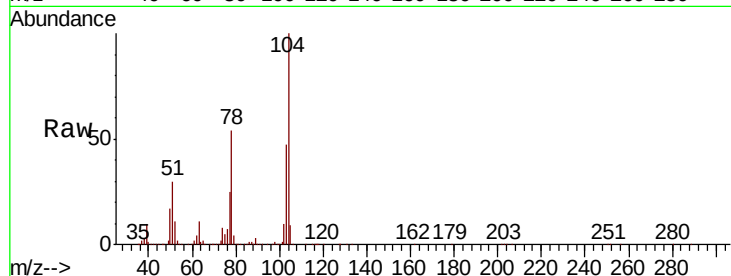
Tot Ion:104 Resp: 2372191

Ion Ratio Lower Upper

104 100

78 54.3 43.4 65.0

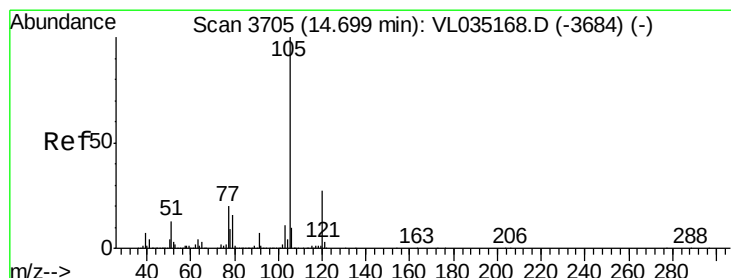
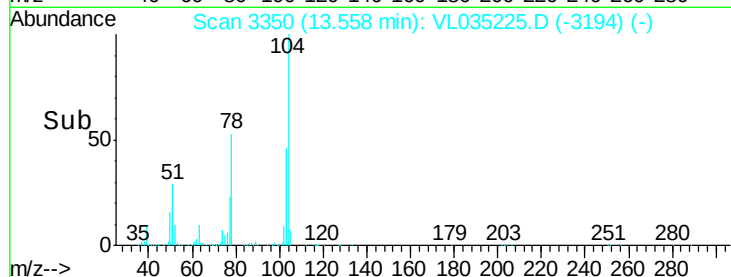
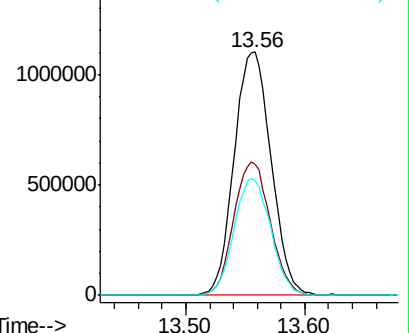
103 47.9 37.4 56.0



Abundance Ion 104.10 (103.80 to 104.80): V

Ion 78.10 (77.80 to 78.80): VL0

Ion 103.10 (102.80 to 103.80): V



#62

Isopropylbenzene

Concen: 11.175 ppbv

RT: 14.70 min Scan# 3705

Delta R.T. 0.00 min

Lab File: VL035225.D

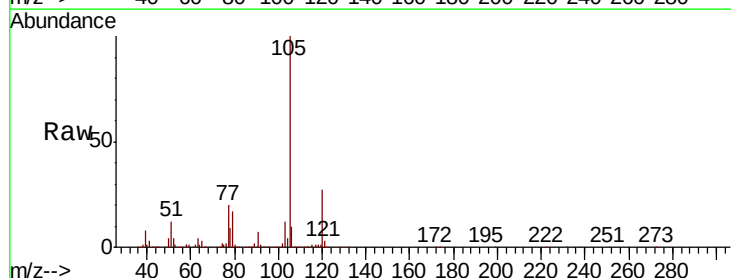
Acq: 23 Jul 2020 11:47

Tgt Ion:105 Resp: 4989754

Ion Ratio Lower Upper

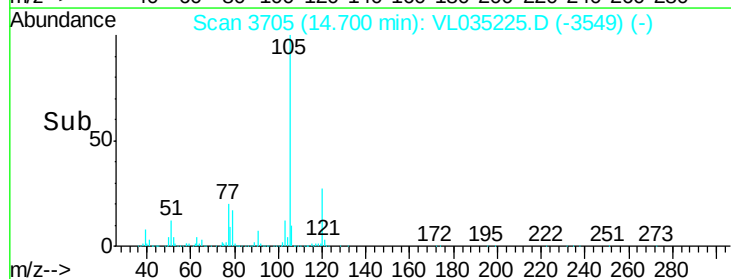
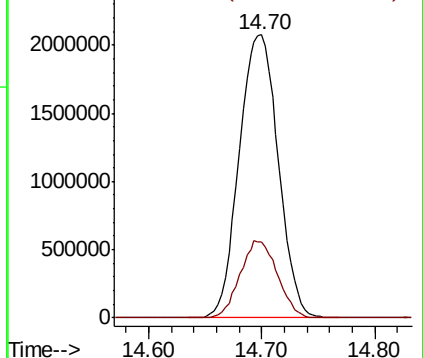
105 100

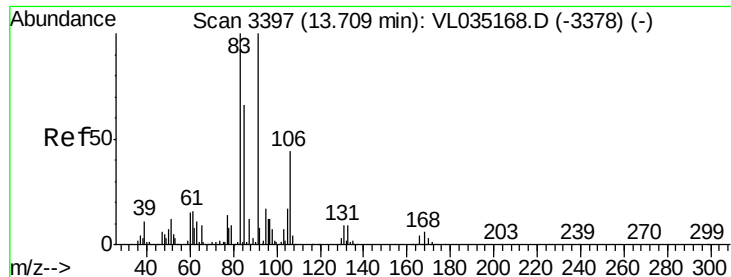
120 26.0 20.7 31.1



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V





#63

1,1,2,2-Tetrachloroethane

Concen: 9.783 ppbv

RT: 13.71 min Scan# 3397

Delta R.T. 0.00 min

Lab File: VL035225.D

Acq: 23 Jul 2020 11:47

Instrument :

MSVOA_L

ClientSampleId :

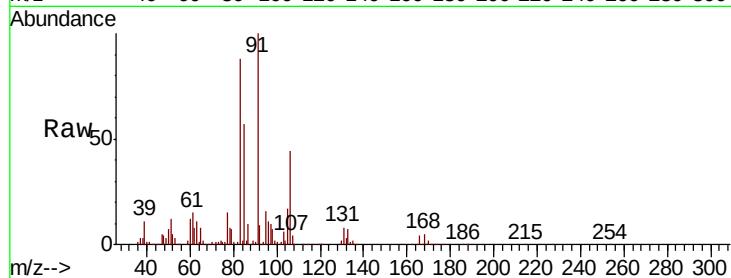
Tot Ion: 83 Resp: 2462641

Ion Ratio Lower Upper

83 100

131 9.1 4.7 14.0

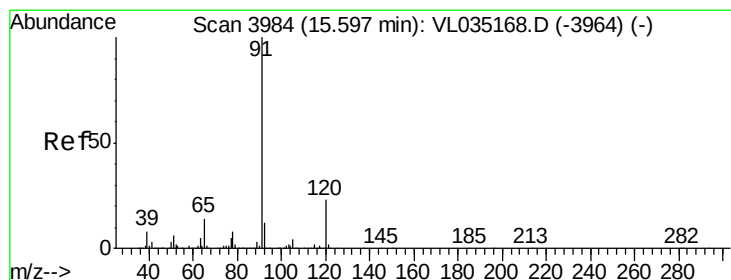
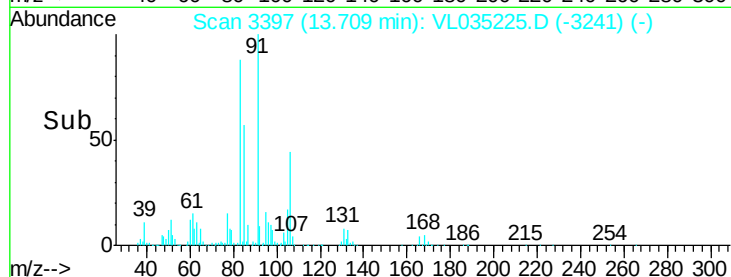
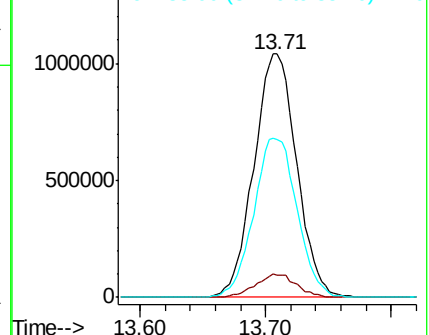
85 66.5 33.0 99.0



Abundance Ion 83.00 (82.70 to 83.70): VL0

Ion 131.00 (130.70 to 131.70): VL0

Ion 85.00 (84.70 to 85.70): VL0



#64

n-propylbenzene

Concen: 11.620 ppbv

RT: 15.59 min Scan# 3983

Delta R.T. -0.00 min

Lab File: VL035225.D

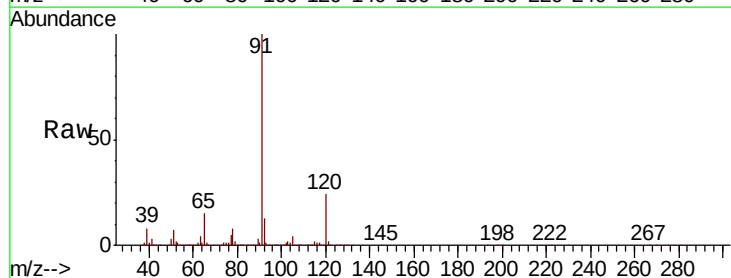
Acq: 23 Jul 2020 11:47

Tgt Ion:120 Resp: 1340368

Ion Ratio Lower Upper

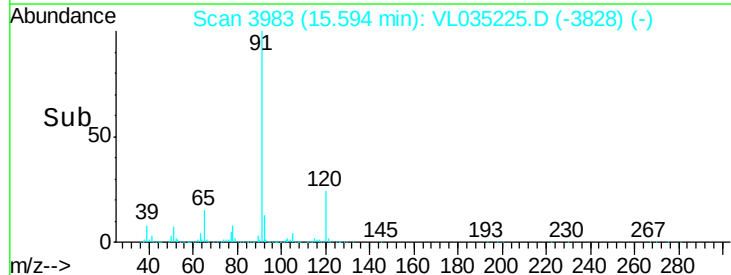
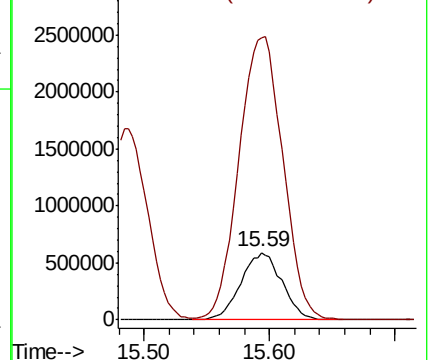
120 100

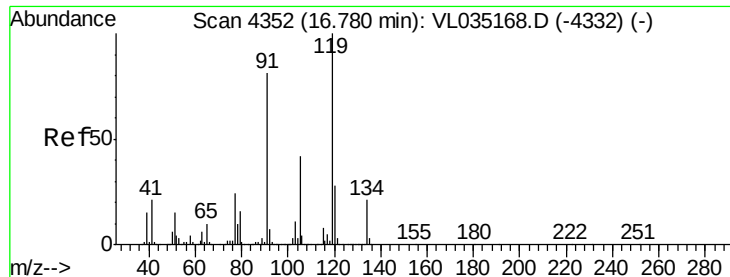
91 452.5 372.4 558.6



Abundance Ion 120.20 (119.90 to 120.90): VL0

Ion 91.10 (90.80 to 91.80): VL0





#65

tert-Butylbenzene

Concen: 11.178 ppbv

RT: 16.78 min Scan# 4353

Delta R.T. 0.00 min

Lab File: VL035225.D

Acq: 23 Jul 2020 11:47

Instrument :

MSVOA_L

ClientSampleId :

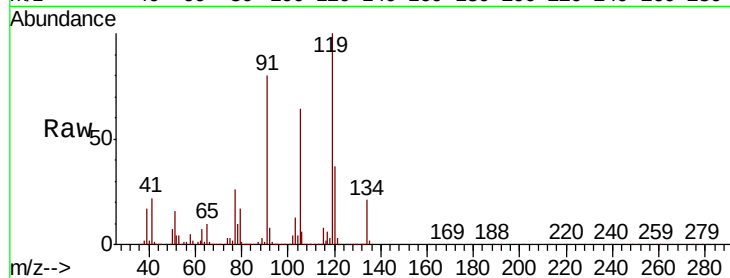
Tot Ion:119 Resp: 4482915

Ion Ratio Lower Upper

119 100

91 84.4 67.5 101.3

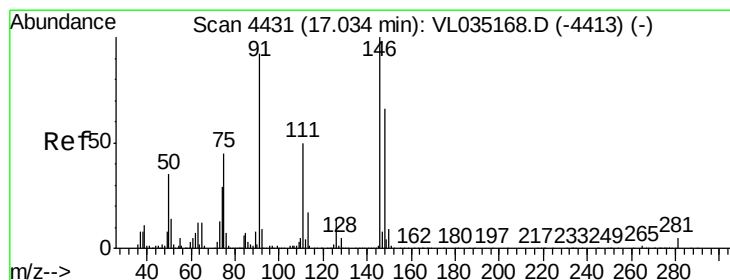
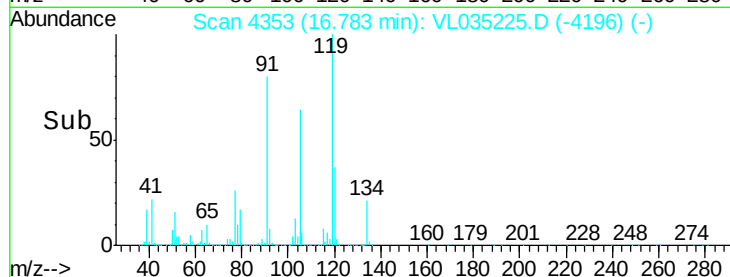
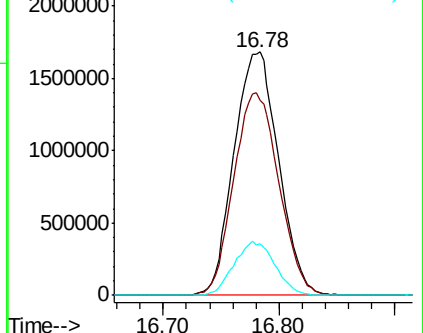
134 20.4 16.0 24.0



Abundance Ion 119.20 (118.90 to 119.90): V

Ion 91.10 (90.80 to 91.80): VL0

Ion 134.20 (133.90 to 134.90): V



#66

Benzyl Chloride

Concen: 12.773 ppbv

RT: 17.03 min Scan# 4429

Delta R.T. -0.01 min

Lab File: VL035225.D

Acq: 23 Jul 2020 11:47

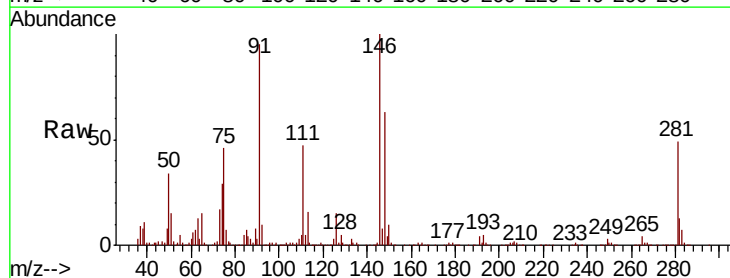
Tgt Ion: 91 Resp: 1825049

Ion Ratio Lower Upper

91 100

126 17.3 13.9 20.9

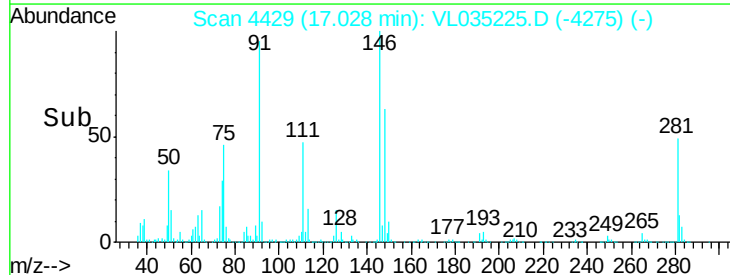
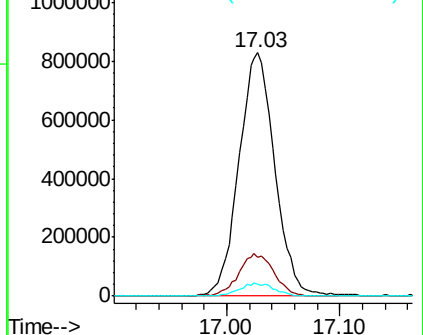
128 5.2 4.2 6.4

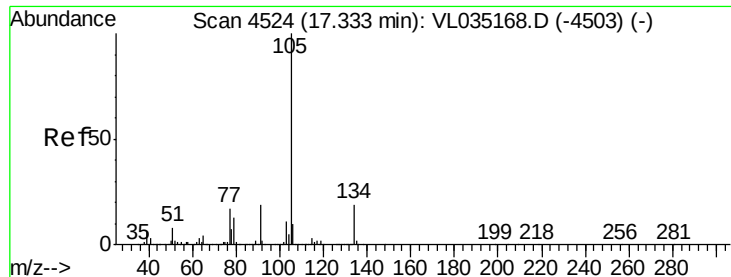


Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 126.10 (125.80 to 126.80): V

Ion 128.10 (127.80 to 128.80): V





#67

sec-Butylbenzene

Concen: 10.858 ppbv

RT: 17.33 min Scan# 4523

Delta R.T. -0.00 min

Lab File: VL035225.D

Acq: 23 Jul 2020 11:47

Instrument :

MSVOA_L

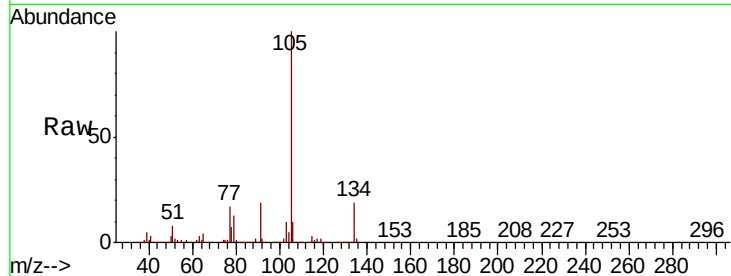
ClientSampleId :

Tot Ion:105 Resp: 6348454

Ion Ratio Lower Upper

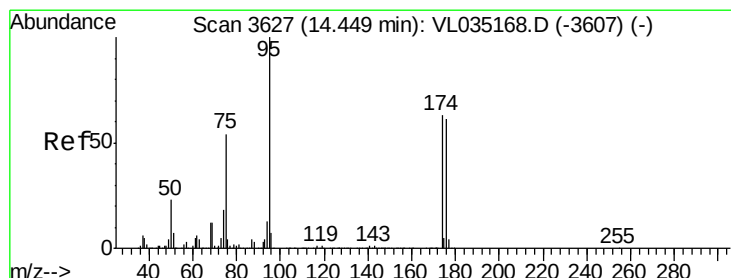
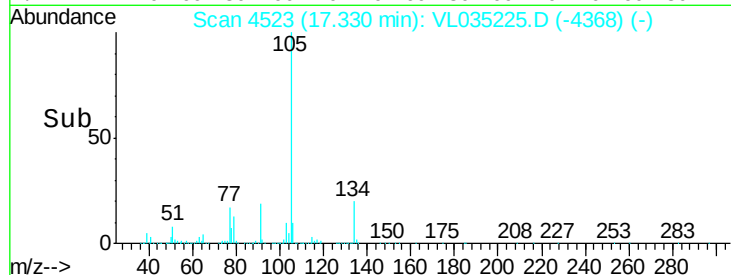
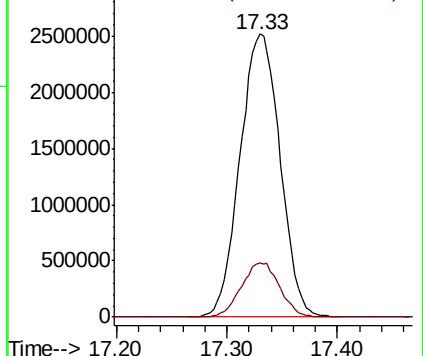
105 100

134 18.4 14.6 21.8



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: 10.085 ppbv

RT: 14.45 min Scan# 3627

Delta R.T. 0.00 min

Lab File: VL035225.D

Acq: 23 Jul 2020 11:47

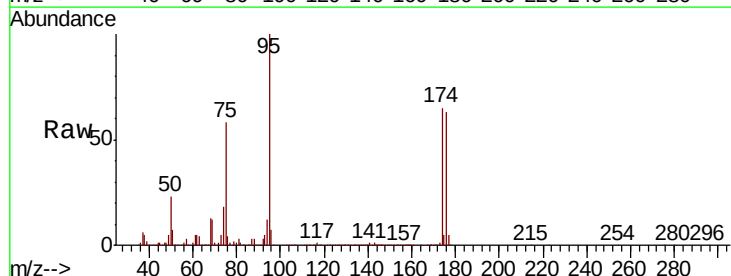
Tgt Ion: 95 Resp: 2511095

Ion Ratio Lower Upper

95 100

174 64.7 52.2 78.2

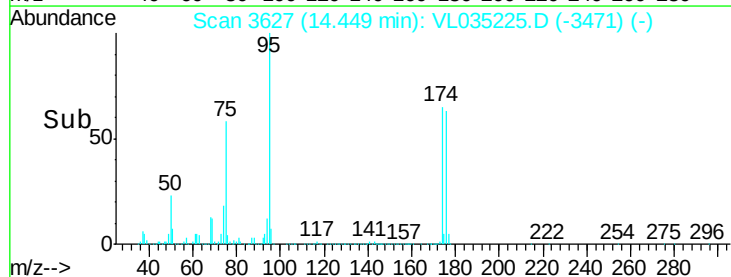
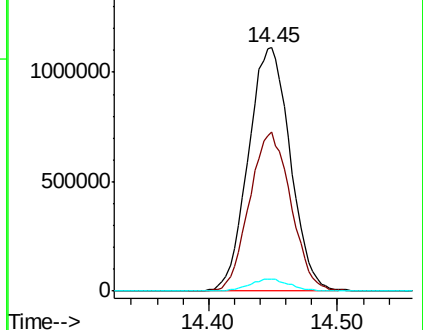
175 4.9 4.0 6.0

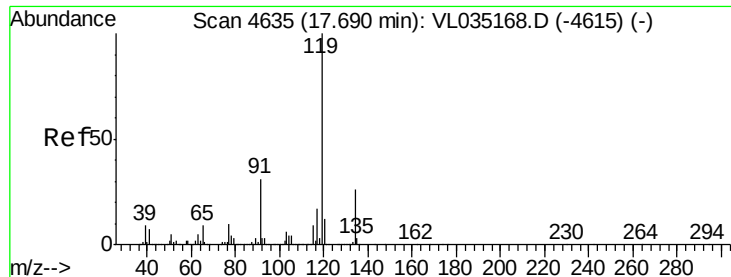


Abundance Ion 95.10 (94.80 to 95.80): VL0

Ion 174.00 (173.70 to 174.70): V

Ion 175.00 (174.70 to 175.70): V

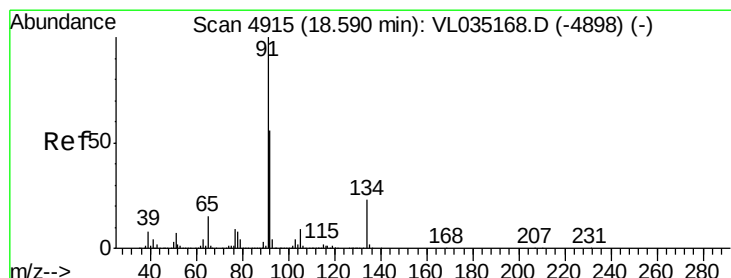
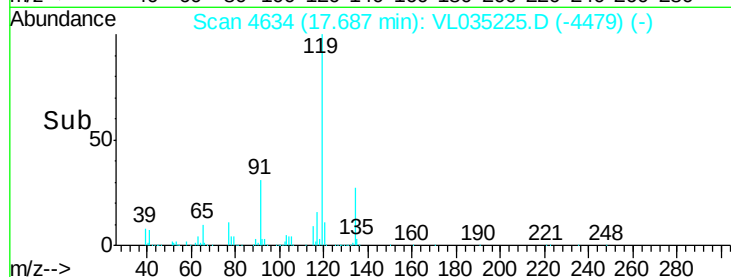
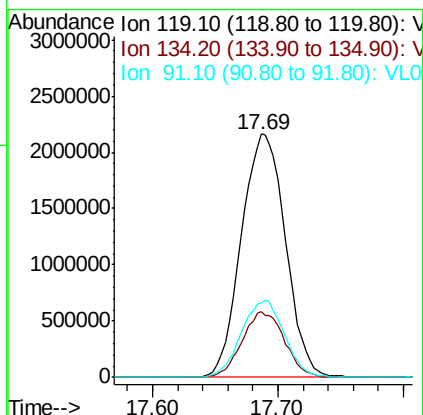
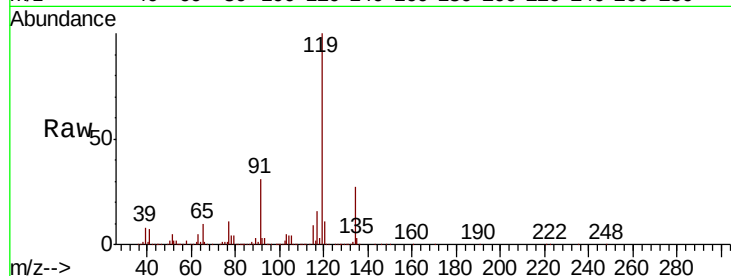




#69
 p-Isopropyltoluene
 Concen: 11.483 ppbv
 RT: 17.69 min Scan# 4634
 Delta R.T. -0.00 min
 Lab File: VL035225.D
 Acq: 23 Jul 2020 11:47

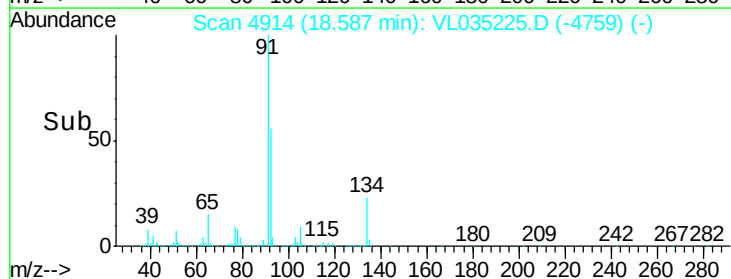
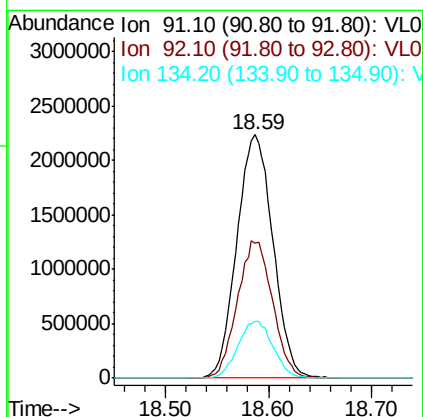
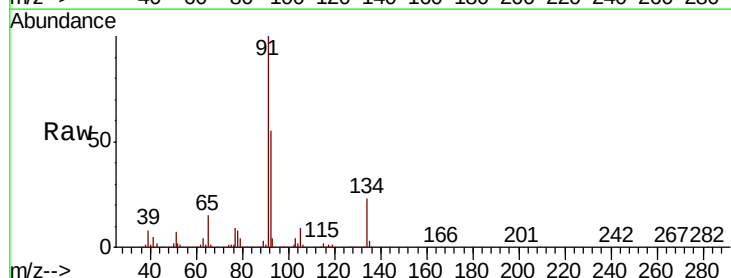
Instrument :
 MSVOA_L
 ClientSampled :

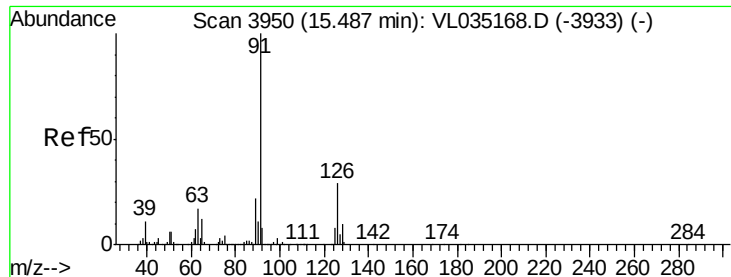
Tot Ion:119 Resp: 5262186
 Ion Ratio Lower Upper
 119 100
 134 25.9 20.8 31.2
 91 30.8 24.9 37.3



#70
 n-Butylbenzene
 Concen: 11.177 ppbv
 RT: 18.59 min Scan# 4914
 Delta R.T. -0.00 min
 Lab File: VL035225.D
 Acq: 23 Jul 2020 11:47

Tgt Ion: 91 Resp: 5430428
 Ion Ratio Lower Upper
 91 100
 92 55.0 44.0 66.0
 134 22.8 18.0 27.0

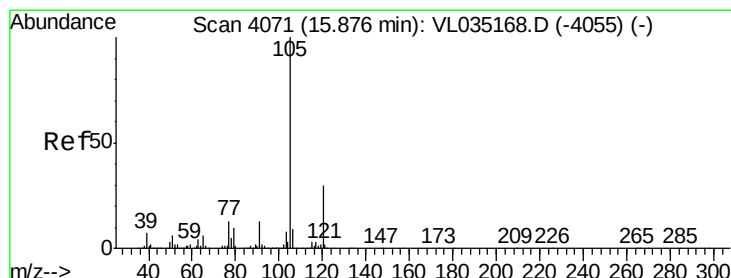
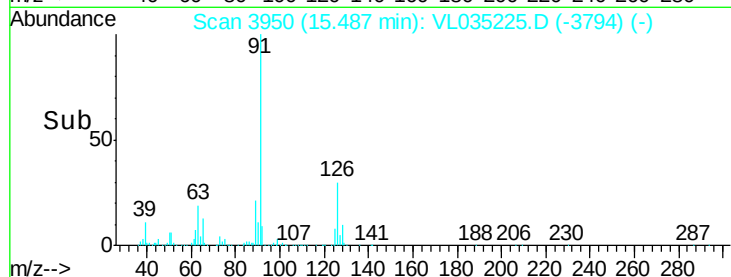
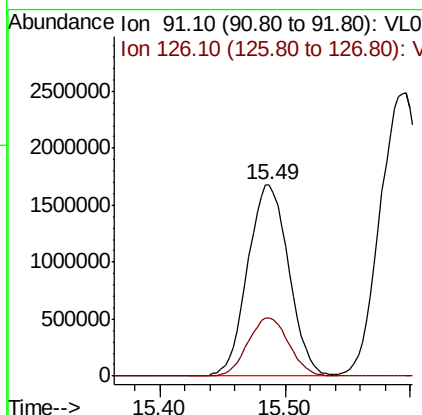
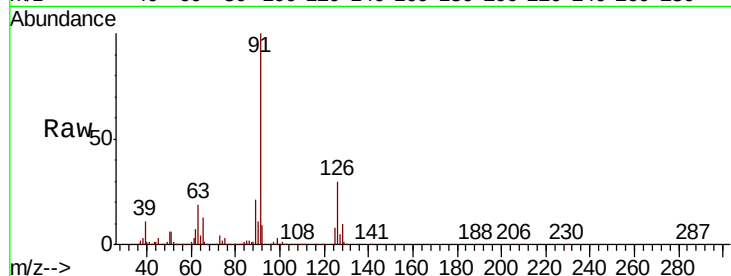




#71
 2-Chlorotoluene
 Concen: 11.313 ppbv
 RT: 15.49 min Scan# 3950
 Delta R.T. 0.00 min
 Lab File: VL035225.D
 Acq: 23 Jul 2020 11:47

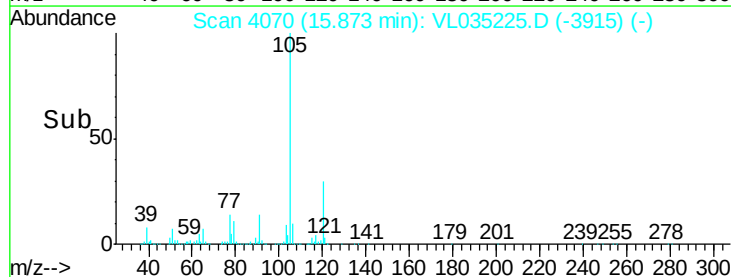
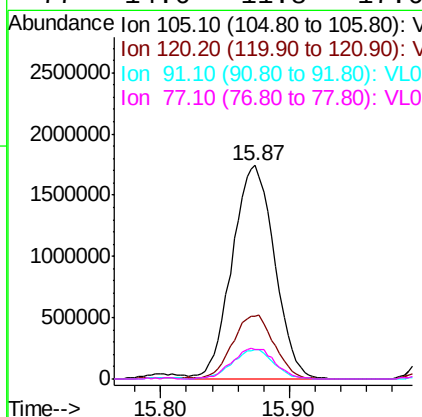
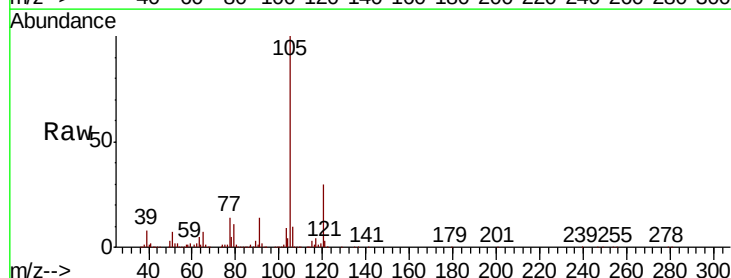
Instrument :
 MSVOA_L
 ClientSampled :

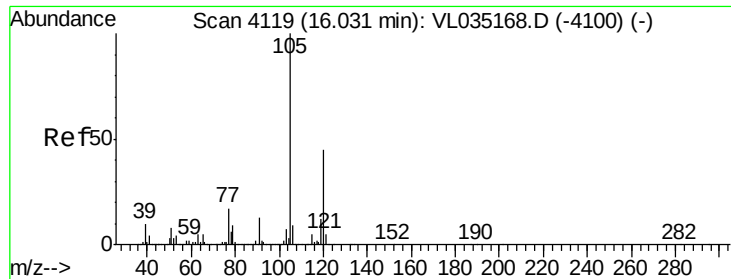
Tot Ion: 91 Resp: 3822544
 Ion Ratio Lower Upper
 91 100
 126 30.4 12.0 48.0



#72
 4-Ethyltoluene
 Concen: 11.703 ppbv
 RT: 15.87 min Scan# 4070
 Delta R.T. -0.00 min
 Lab File: VL035225.D
 Acq: 23 Jul 2020 11:47

Tgt Ion:105 Resp: 3972546
 Ion Ratio Lower Upper
 105 100
 120 29.4 23.2 34.8
 91 13.3 10.9 16.3
 77 14.6 11.8 17.6





#73

1,3,5-Trimethylbenzene

Concen: 11.459 ppbv

RT: 16.03 min Scan# 4119

Delta R.T. 0.00 min

Lab File: VL035225.D

Acq: 23 Jul 2020 11:47

Instrument :

MSVOA_L

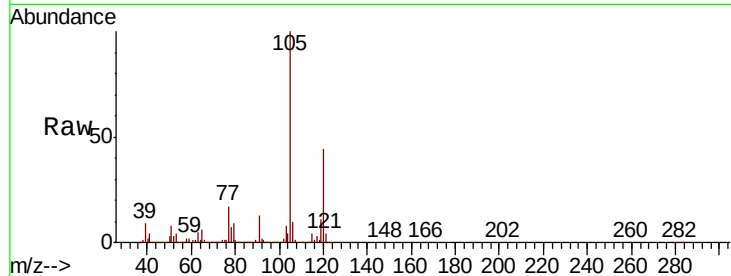
ClientSampleId :

Tot Ion:105 Resp: 3750857

Ion Ratio Lower Upper

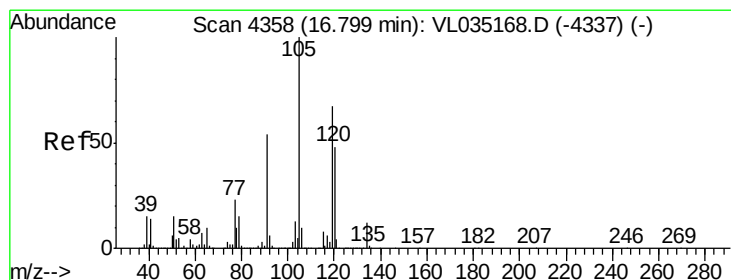
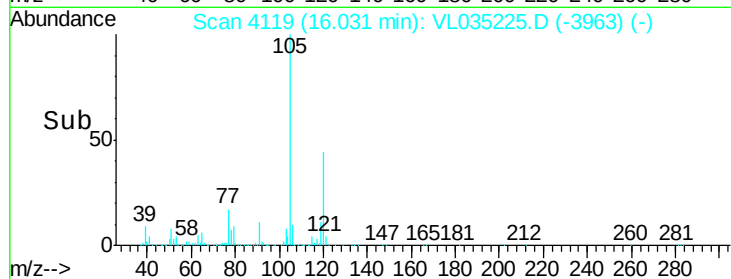
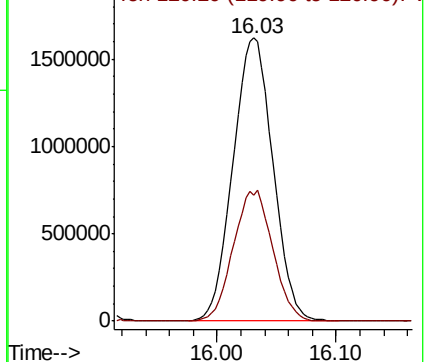
105 100

120 44.4 36.2 54.2



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V



#74

1,2,4-Trimethylbenzene

Concen: 10.957 ppbv

RT: 16.80 min Scan# 4358

Delta R.T. 0.00 min

Lab File: VL035225.D

Acq: 23 Jul 2020 11:47

Tgt Ion:105 Resp: 3963452

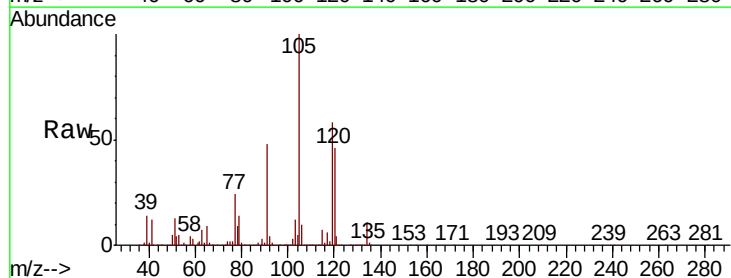
Ion Ratio Lower Upper

105 100

120 45.9 38.6 57.8

91 47.6 43.6 65.4

77 23.5 18.3 27.5

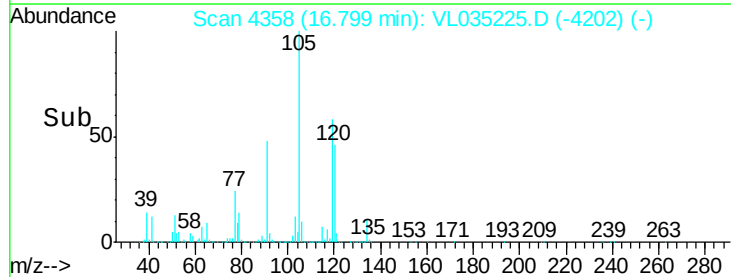
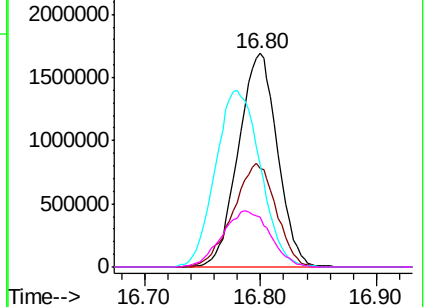


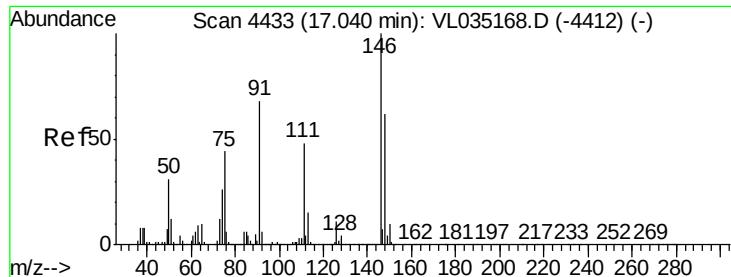
Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V

Ion 91.10 (90.80 to 91.80): VL0

Ion 77.10 (76.80 to 77.80): VL0

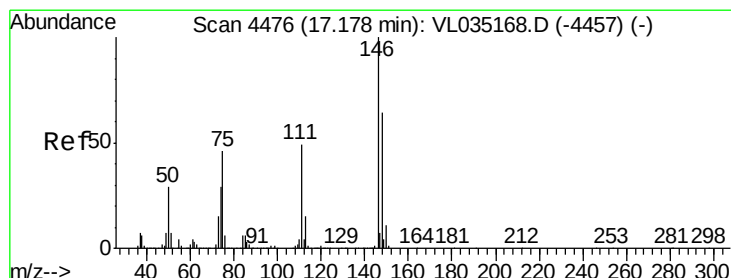
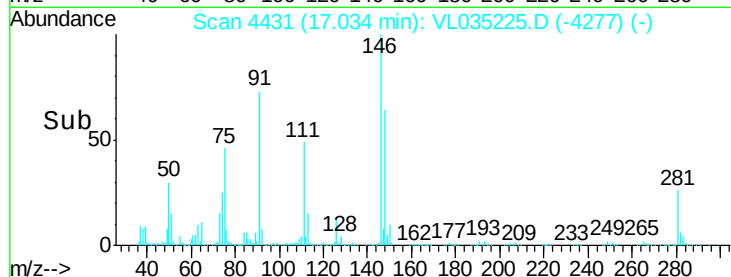
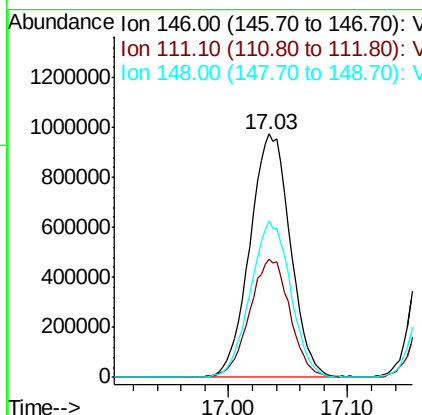
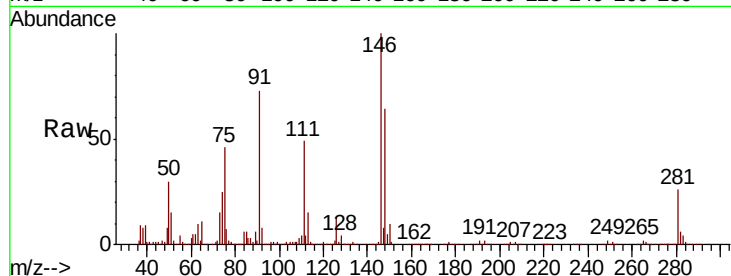




#75
 1,3-Dichlorobenzene
 Concen: 10.025 ppbv
 RT: 17.03 min Scan# 4431
 Delta R.T. -0.01 min
 Lab File: VL035225.D
 Acq: 23 Jul 2020 11:47

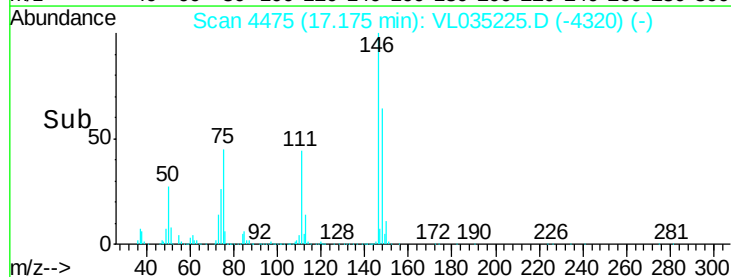
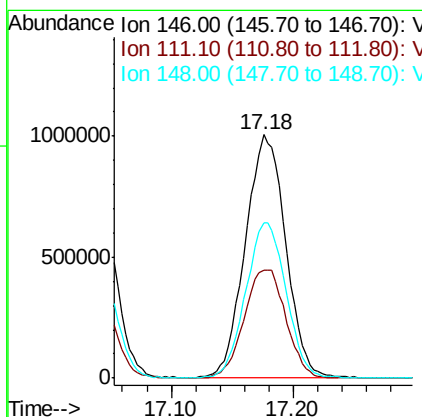
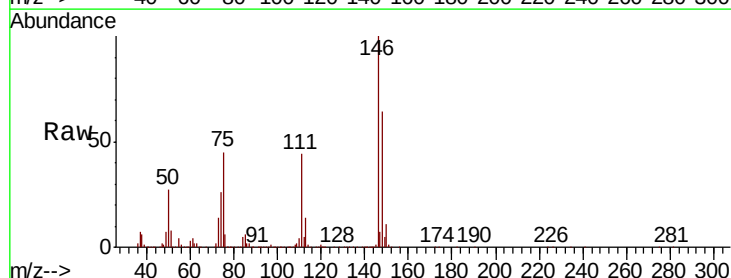
Instrument :
 MSVOA_L
 ClientSampleId :

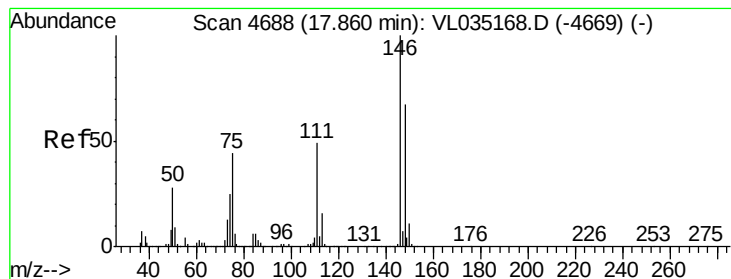
Tot Ion:146 Resp: 2296384
 Ion Ratio Lower Upper
 146 100
 111 48.3 24.7 74.1
 148 63.9 32.4 97.0



#76
 1,4-Dichlorobenzene
 Concen: 10.703 ppbv
 RT: 17.18 min Scan# 4475
 Delta R.T. -0.00 min
 Lab File: VL035225.D
 Acq: 23 Jul 2020 11:47

Tgt Ion:146 Resp: 2278528
 Ion Ratio Lower Upper
 146 100
 111 46.8 23.8 71.2
 148 64.9 32.3 96.9





#77

1,2-Dichlorobenzene

Concen: 10.443 ppbv

RT: 17.86 min Scan# 4687

Delta R.T. -0.00 min

Lab File: VL035225.D

Acq: 23 Jul 2020 11:47

Instrument :

MSVOA_L

ClientSampleId :

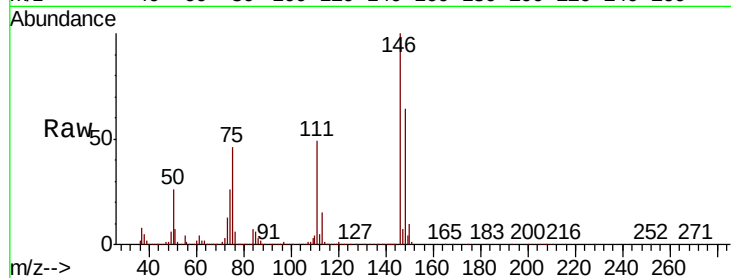
Tot Ion:146 Resp: 2153910

Ion Ratio Lower Upper

146 100

111 50.2 25.1 75.2

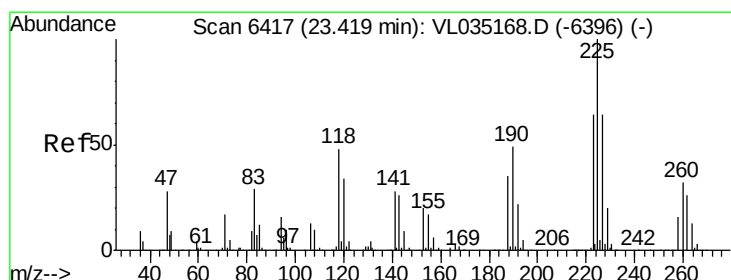
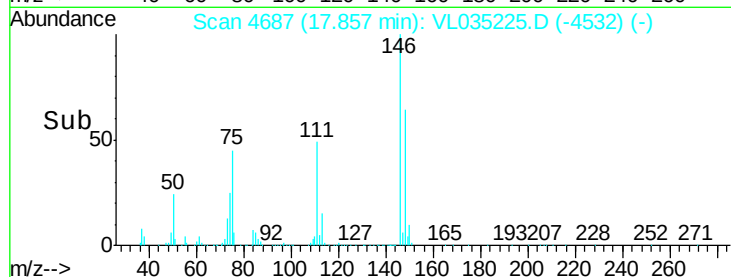
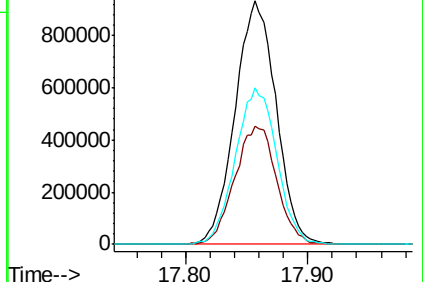
148 65.3 32.4 97.0



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.10 (110.80 to 111.80): V

Ion 148.00 (147.70 to 148.70): V



#78

Hexachloro-1,3-Butadiene

Concen: 9.820 ppbv

RT: 23.42 min Scan# 6417

Delta R.T. 0.00 min

Lab File: VL035225.D

Acq: 23 Jul 2020 11:47

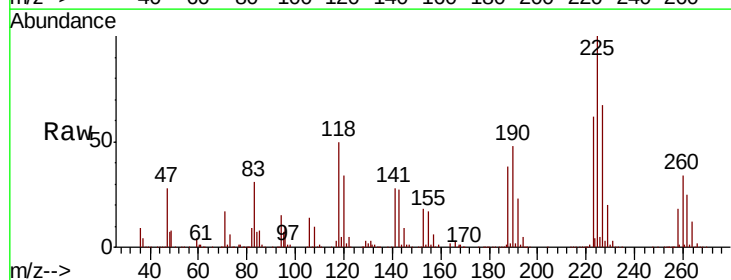
Tgt Ion:225 Resp: 1600548

Ion Ratio Lower Upper

225 100

223 63.3 50.2 75.2

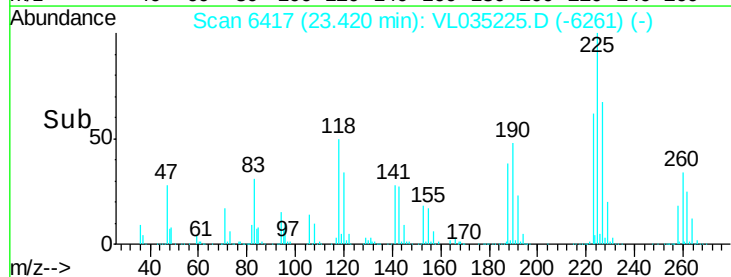
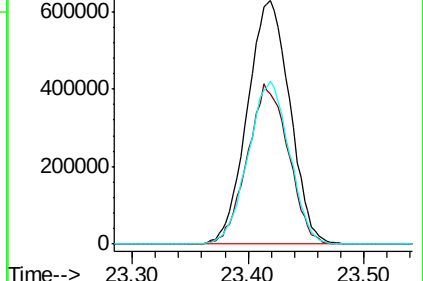
227 65.1 51.2 76.8

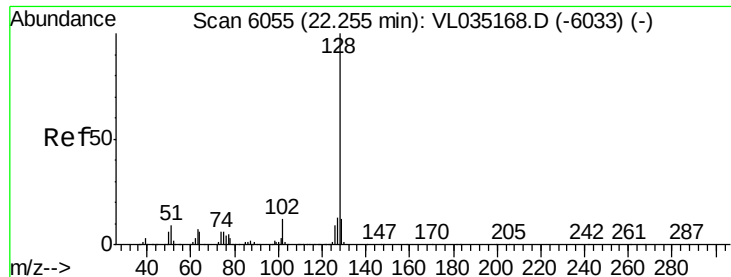


Abundance Ion 224.90 (224.60 to 225.60): V

Ion 222.90 (222.60 to 223.60): V

Ion 226.90 (226.60 to 227.60): V





#79

Naphthalene

Concen: 14.246 ppbv

RT: 22.25 min Scan# 6054

Delta R.T. -0.00 min

Lab File: VL035225.D

Acq: 23 Jul 2020 11:47

Instrument :

MSVOA_L

ClientSampleId :

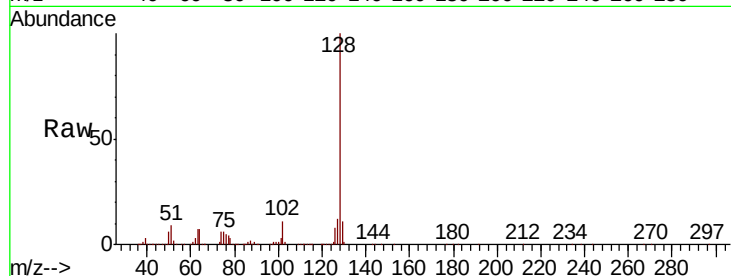
Tot Ion:128 Resp: 3334587

Ion Ratio Lower Upper

128 100

127 12.1 10.8 16.2

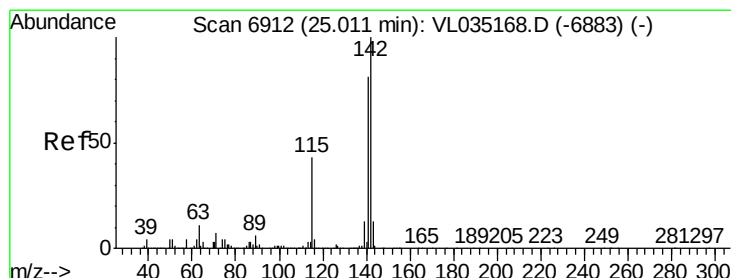
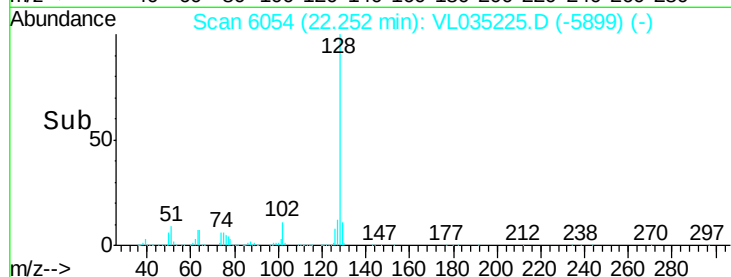
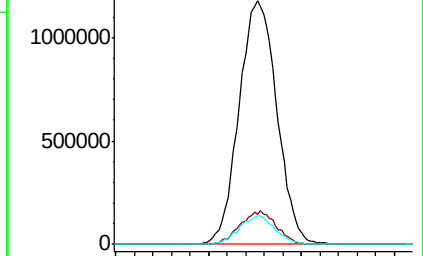
129 11.5 9.4 14.2



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: 23.018 ppbv

RT: 25.01 min Scan# 6911

Delta R.T. -0.00 min

Lab File: VL035225.D

Acq: 23 Jul 2020 11:47

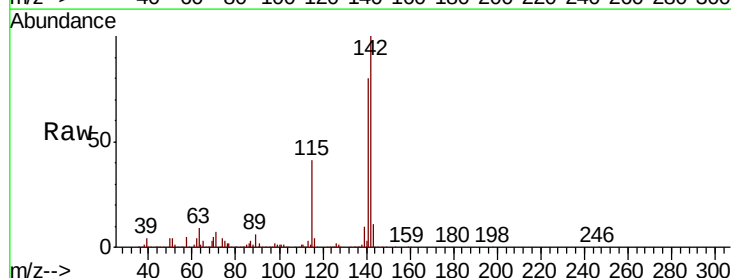
Tgt Ion:142 Resp: 1272658

Ion Ratio Lower Upper

142 100

141 83.5 68.2 102.4

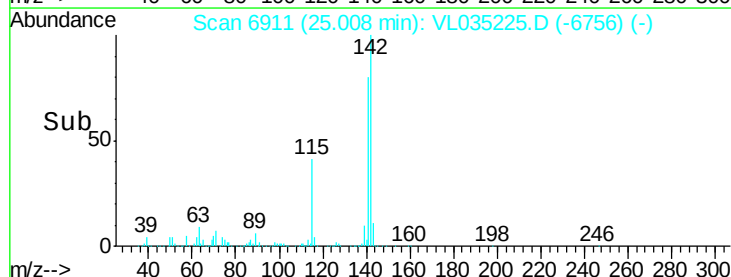
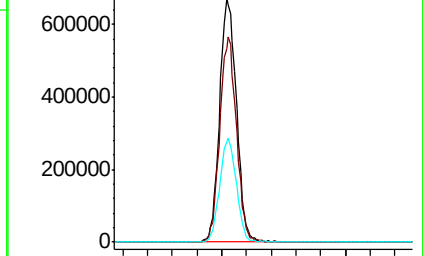
115 42.0 34.4 51.6

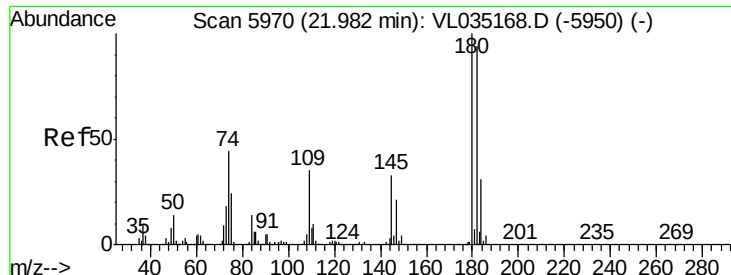


Abundance Ion 142.00 (141.70 to 142.70): V

Ion 141.00 (140.70 to 141.70): V

Ion 115.00 (114.70 to 115.70): V





#81
 1,2,4-Trichlorobenzene
 Concen: 5.504 ppbv
 RT: 21.99 min Scan# 5971
 Delta R.T. 0.00 min
 Lab File: VL035225.D
 Acq: 23 Jul 2020 11:47

Instrument :
 MSVOA_L
 ClientSampleId :

Tot Ion:180 Resp: 816110
 Ion Ratio Lower Upper
 180 100
 182 218.4 76.7 115.1#
 184 0.0 25.0 37.6#

