

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL060221\
 Data File : VL037100.D
 Acq On : 2 Jun 2021 13:16
 Operator : SY/AP
 Sample : VL0602ABS01
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Jun 03 03:19:55 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL051821AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue May 18 12:00:15 2021
 QLast Update : Tue May 18 12:00:15 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	1451725	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.16	114	4356346	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.07	117	5149600	10.00	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.40	95	3198978	8.27	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	82.70%

Target Compounds					Ovalue
2) Dichlorodifluoromethane	3.03	85	2227988	9.047	ppbv 99
3) Chlorodifluoromethane	2.97	51	2568763	9.658	ppbv 95
4) Chloromethane	3.13	50	890556	9.840	ppbv 97
5) Vinyl Chloride	3.24	62	909684	9.196	ppbv 99
6) Bromomethane	3.46	94	573784	11.007	ppbv 97
7) Chloroethane	3.54	64	346391	10.784	ppbv 99
8) Dichlorotetrafluoroethane	3.17	85	2362106	10.215	ppbv 94
9) Propene	3.00	41	810801	8.514	ppbv 99
10) Heptane	8.10	43	2108441	8.884	ppbv 99
11) Trichlorofluoromethane	3.93	101	2555278	11.210	ppbv 98
12) 1,1,2-Trichlorotrifluoroet	4.47	101	1754162	10.803	ppbv 96
13) Ethanol	3.60	45	75841	5.969	ppbv 90
14) Bromoethene	3.73	108	756040	10.571	ppbv 100
15) Acetone	3.84	43	1245024	8.373	ppbv 97
16) 1,3-Butadiene	3.31	39	925034	10.013	ppbv 96
17) tert-Butyl alcohol	4.28	59	1314909	9.654	ppbv 99
18) 1,1-Dichloroethene	4.27	96	787303	10.486	ppbv 98
19) Isopropyl Alcohol	3.96	45	723173	9.047	ppbv # 35
20) Methylene Chloride	4.33	84	634191	7.957	ppbv 97
21) Allyl Chloride	4.40	41	1086599	9.687	ppbv 92
22) trans-1,2-Dichloroethene	4.87	96	798690	11.099	ppbv 96
23) Vinyl Acetate	5.06	43	2281941	9.669	ppbv 98
24) 1,1-Dichloroethane	5.00	63	1621522	9.545	ppbv 99
25) Ethyl Acetate	5.66	43	3300473	9.237	ppbv 100
26) Hexane	5.67	57	1577730	8.643	ppbv 97
27) Carbon Disulfide	4.54	76	1814136	9.861	ppbv 99
28) Methyl tert-Butyl Ether	5.02	73	1952328	8.923	ppbv 99
29) Chloroform	5.74	83	2641931	10.245	ppbv 99
30) Cyclohexane	7.11	84	1411903	9.102	ppbv 98
31) cis-1,2-Dichloroethene	5.53	61	1611378	9.846	ppbv 96
32) 1,1,1-Trichloroethane	6.49	97	2735851	9.880	ppbv 99
34) 2-Butanone	5.23	43	1574314	9.925	ppbv 100
35) Carbon Tetrachloride	7.00	117	2955916	10.212	ppbv 97
36) Benzene	6.87	78	3345477	8.916	ppbv 98
37) 1,2-Dichloroethane	6.29	62	2020699	10.862	ppbv 99
38) Trichloroethene	7.82	130	1452732	9.050	ppbv 99
39) 1,2-Dichloropropane	7.60	63	1280011	8.855	ppbv 93
40) 1,4-Dioxane	7.82	88	322204	9.440	ppbv # 100
41) Tetrahydrofuran	6.03	42	769155	8.514	ppbv 97
42) Bromodichloromethane	7.77	83	2838979	10.087	ppbv 99
43) Methyl Methacrylate	8.00	69	1221469	9.445	ppbv 98

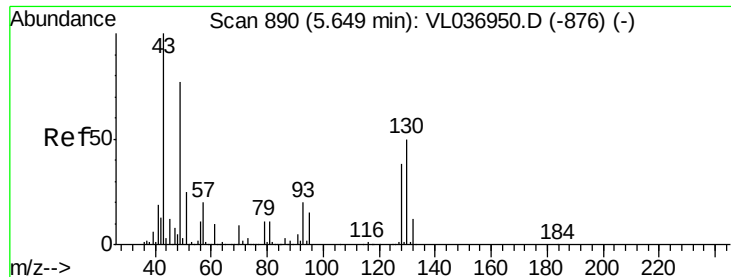
Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL060221\
 Data File : VL037100.D
 Acq On : 2 Jun 2021 13:16
 Operator : SY/AP
 Sample : VL0602ABS01
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Jun 03 03:19:55 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL051821AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue May 18 12:00:15 2021
 QLast Update : Tue May 18 12:00:15 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,2,4-Trimethylpentane	7.85	57	5494236	8.534	ppbv	99
45) t-1,3-Dichloropropene	9.26	75	1154275	11.682	ppbv	97
46) cis-1,3-Dichloropropene	8.69	75	1473467	11.087	ppbv	96
47) 1,1,2-Trichloroethane	9.46	97	1461289	9.659	ppbv	98
48) Dibromochloromethane	10.29	129	2610846	10.658	ppbv	98
49) Bromoform	13.02	173	2169203	10.723	ppbv	100
50) 4-Methyl-2-Pentanone	8.73	43	2415626	9.229	ppbv	98
51) 2-Hexanone	10.12	43	1274913	9.213	ppbv #	95
52) Tetrachloroethene	11.20	164	1429826	9.582	ppbv	98
53) Toluene	9.79	91	4046905	9.064	ppbv	99
54) 1,2-Dibromoethane	10.59	107	2210786	10.278	ppbv	100
56) 1,1,1,2-Tetrachloroethane	12.11	131	1782211	8.225	ppbv #	56
57) Chlorobenzene	12.13	112	3178955	7.962	ppbv	99
58) Ethyl Benzene	12.69	91	5488192	7.551	ppbv	98
59) m/p-Xylene	12.98	91	4945873	8.232	ppbv #	42
60) o-Xylene	13.67	91	4402990	7.684	ppbv	99
61) Styrene	13.51	104	2563089	7.940	ppbv	97
62) Isopropylbenzene	14.65	105	6212635	7.544	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.66	83	2994624	6.998	ppbv	99
64) n-propylbenzene	15.54	120	1683856	7.925	ppbv	100
65) tert-Butylbenzene	16.73	119	5686852	7.653	ppbv	99
66) Benzyl Chloride	16.97	91	262347	6.363	ppbv	96
67) sec-Butylbenzene	17.28	105	7533023	7.431	ppbv	99
69) p-Isopropyltoluene	17.63	119	6571894	7.540	ppbv	99
70) n-Butylbenzene	18.53	91	6185153	7.470	ppbv	99
71) 2-Chlorotoluene	15.43	91	4544388	7.641	ppbv	99
72) 4-Ethyltoluene	15.82	105	5410069	7.955	ppbv	99
73) 1,3,5-Trimethylbenzene	15.98	105	4895905	7.666	ppbv	96
74) 1,2,4-Trimethylbenzene	16.74	105	5084614	7.700	ppbv	97
75) 1,3-Dichlorobenzene	16.98	146	3187557	7.905	ppbv	100
76) 1,4-Dichlorobenzene	17.12	146	3145998	7.717	ppbv	98
77) 1,2-Dichlorobenzene	17.80	146	3060302	7.575	ppbv	99
78) Hexachloro-1,3-Butadiene	23.36	225	1946952	5.993	ppbv	99
79) Naphthalene	22.17	128	3787903	7.311	ppbv	99
80) Naphthalene, 2-methyl-	24.96	142	957593	8.500	ppbv	93
81) 1,2,4-Trichlorobenzene	21.90	180	2188899	6.930	ppbv	99

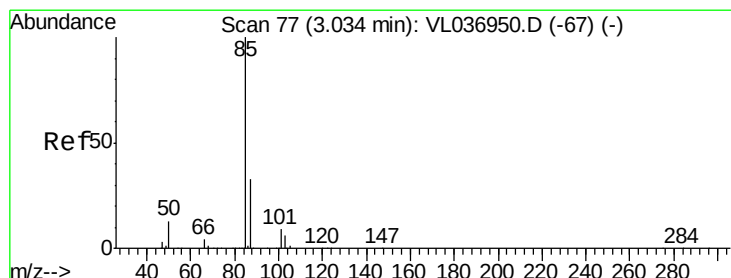
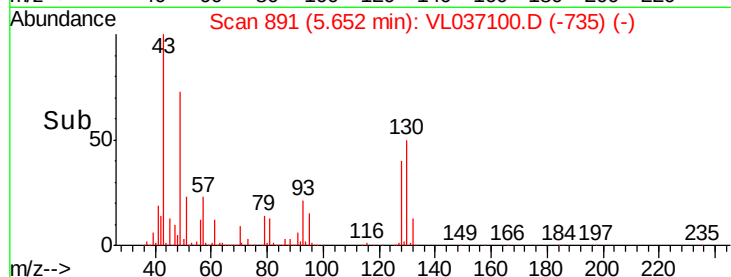
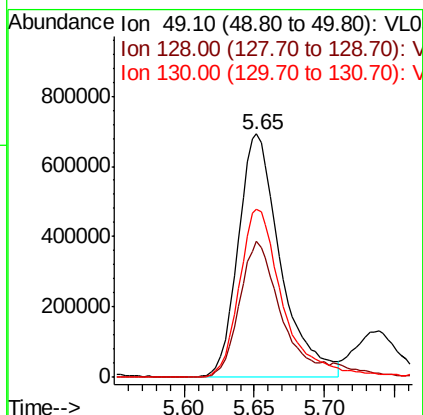
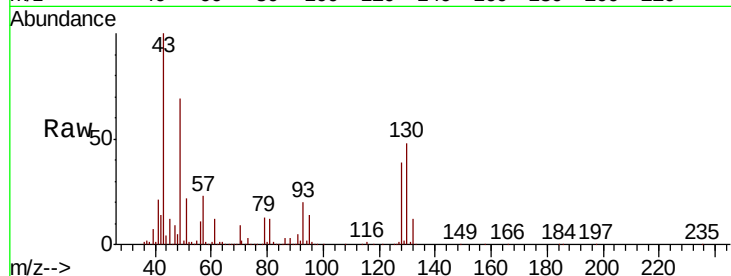
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.65 min Scan# 891
Delta R.T. 0.00 min
Lab File: VL037100.D
Acq: 2 Jun 2021 13:16

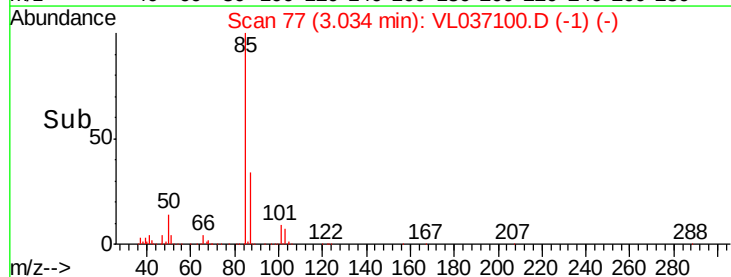
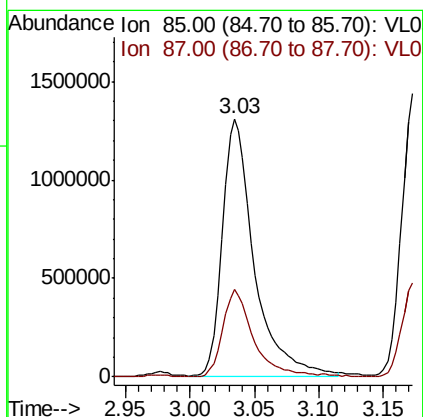
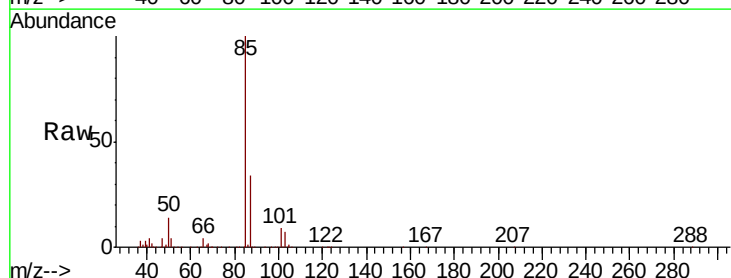
Instrument :
MSVOA_L
ClientSampleId :

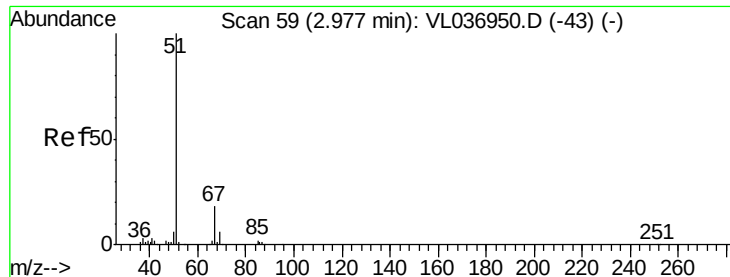
Tot Ion: 49 Resp: 1451725
Ion Ratio Lower Upper
49 100
128 59.9 26.9 80.7
130 73.3 33.8 101.4



#2
Dichlorodifluoromethane
Concen: 9.047 ppbv
RT: 3.03 min Scan# 77
Delta R.T. -0.00 min
Lab File: VL037100.D
Acq: 2 Jun 2021 13:16

Tgt Ion: 85 Resp: 2227988
Ion Ratio Lower Upper
85 100
87 33.9 26.6 39.8





#3

Chlorodifluoromethane

Concen: 9.658 ppbv

RT: 2.97 min Scan# 58

Delta R.T. -0.00 min

Lab File: VL037100.D

Acq: 2 Jun 2021 13:16

Instrument :

MSVOA_L

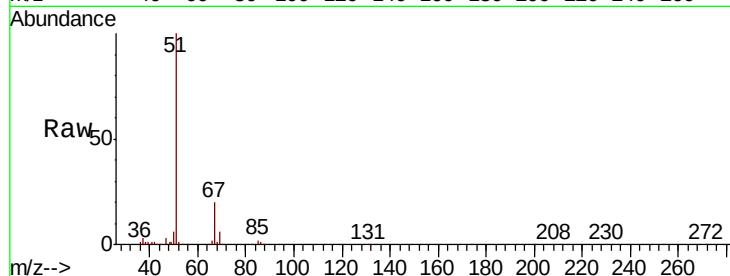
ClientSampled :

Tot Ion: 51 Resp: 2568763

Ion Ratio Lower Upper

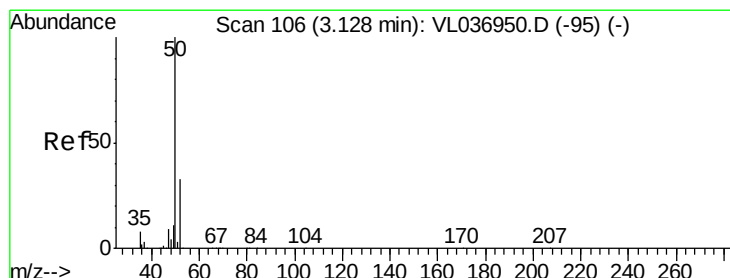
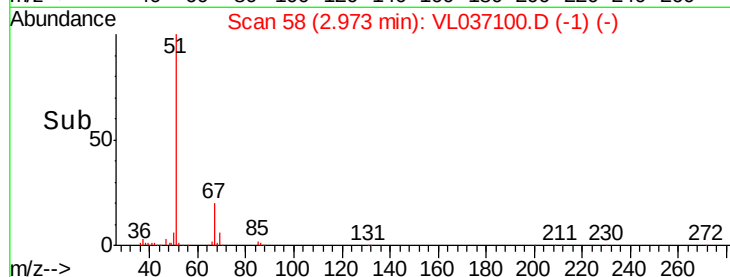
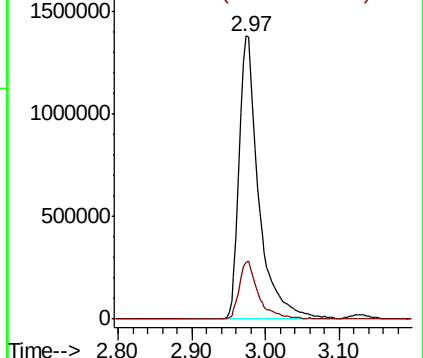
51 100

67 20.3 14.6 21.8



Abundance Ion 51.00 (50.70 to 51.70): VL0

Ion 67.00 (66.70 to 67.70): VL0



#4

Chloromethane

Concen: 9.840 ppbv

RT: 3.13 min Scan# 106

Delta R.T. -0.00 min

Lab File: VL037100.D

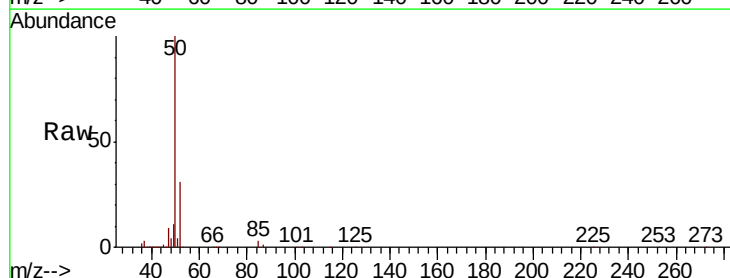
Acq: 2 Jun 2021 13:16

Tgt Ion: 50 Resp: 890556

Ion Ratio Lower Upper

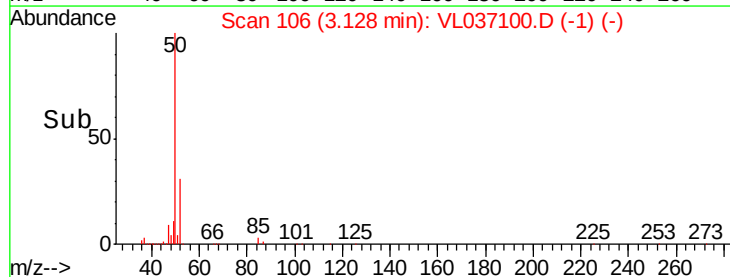
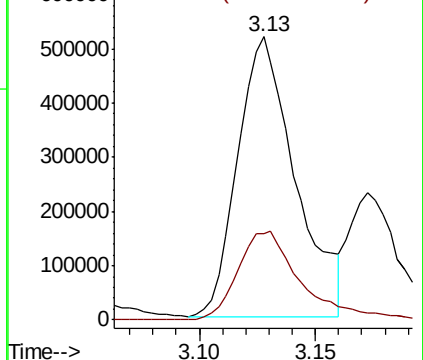
50 100

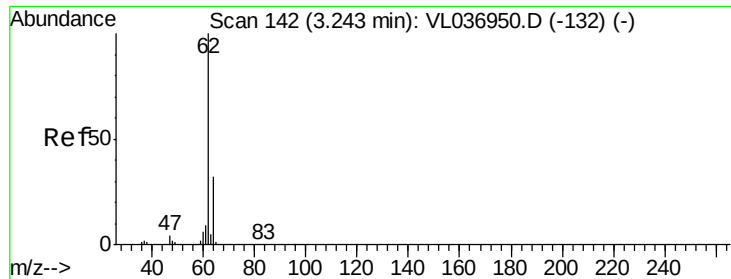
52 30.9 26.1 39.1



Abundance Ion 50.10 (49.80 to 50.80): VL0

Ion 52.10 (51.80 to 52.80): VL0





#5

Vinyl Chloride

Concen: 9.196 ppbv

RT: 3.24 min Scan# 142

Delta R.T. -0.00 min

Lab File: VL037100.D

Acq: 2 Jun 2021 13:16

Instrument :

MSVOA_L

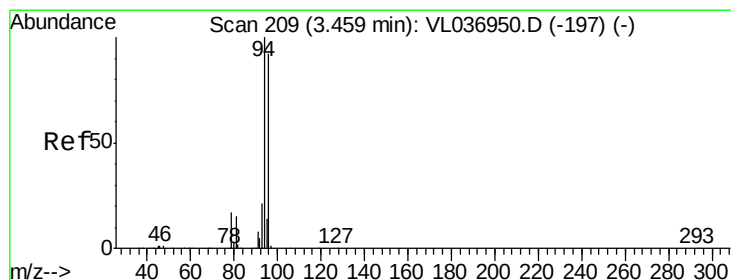
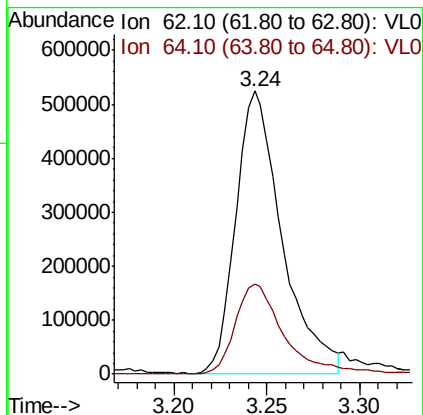
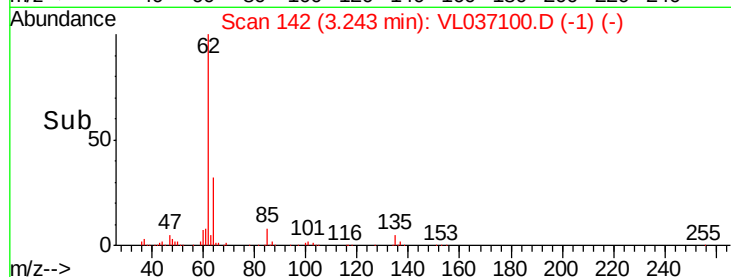
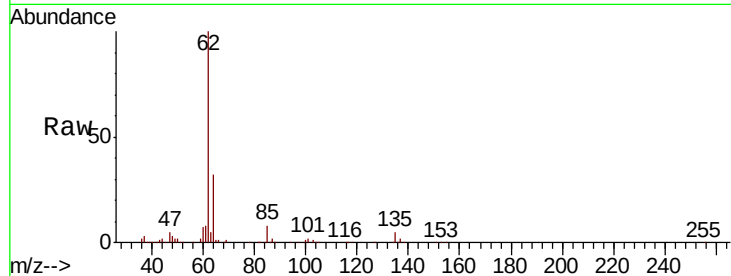
ClientSampleId :

Tot Ion: 62 Resp: 909684

Ion Ratio Lower Upper

62 100

64 32.0 25.9 38.9



#6

Bromomethane

Concen: 11.007 ppbv

RT: 3.46 min Scan# 209

Delta R.T. -0.00 min

Lab File: VL037100.D

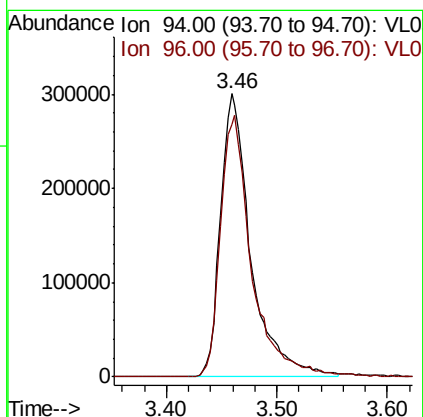
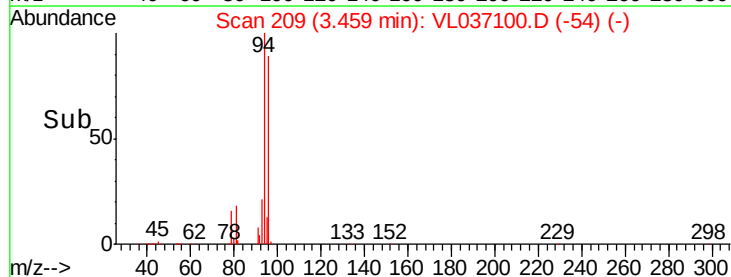
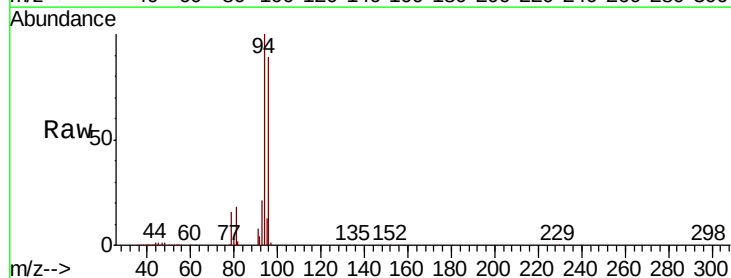
Acq: 2 Jun 2021 13:16

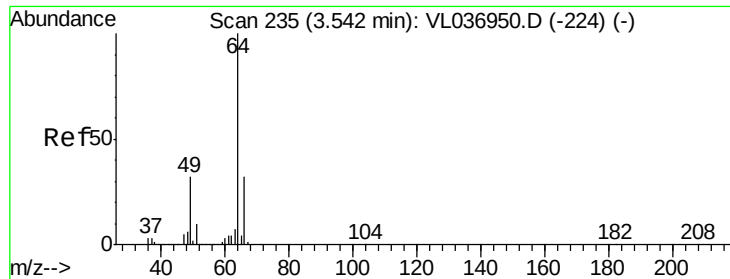
Tgt Ion: 94 Resp: 573784

Ion Ratio Lower Upper

94 100

96 89.2 74.0 111.0





#7

Chloroethane

Concen: 10.784 ppbv

RT: 3.54 min Scan# 235

Delta R.T. -0.00 min

Lab File: VL037100.D

Acq: 2 Jun 2021 13:16

Instrument :

MSVOA_L

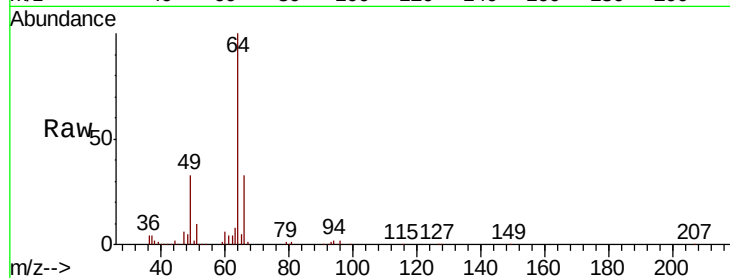
ClientSampleId :

Tot Ion: 64 Resp: 346391

Ion Ratio Lower Upper

64 100

66 32.5 25.4 38.2



Abundance Ion 64.10 (63.80 to 64.80): VL0

Ion 66.10 (65.80 to 66.80): VL0

3.54

200000

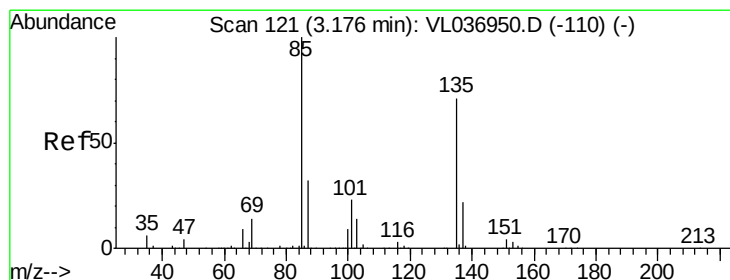
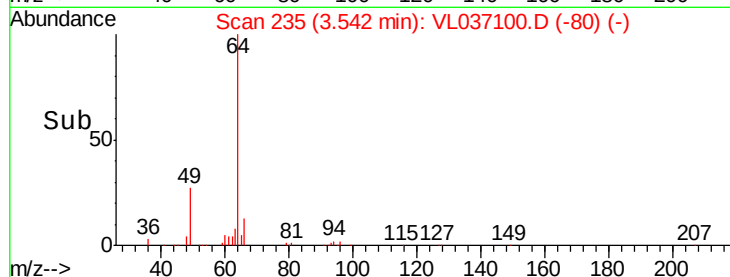
150000

100000

50000

0

Time--> 3.45 3.50 3.55 3.60 3.65



#8

Dichlorotetrafluoroethane

Concen: 10.215 ppbv

RT: 3.17 min Scan# 120

Delta R.T. -0.00 min

Lab File: VL037100.D

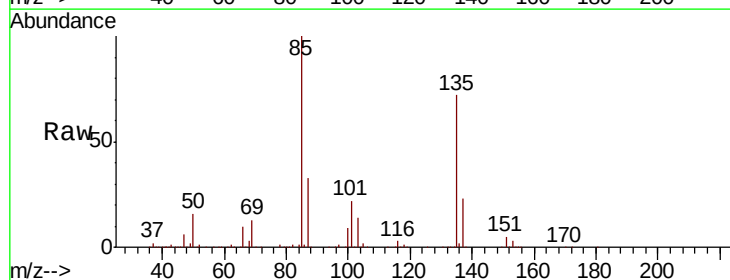
Acq: 2 Jun 2021 13:16

Tgt Ion: 85 Resp: 2362106

Ion Ratio Lower Upper

85 100

135 77.0 57.7 86.5



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 135.00 (134.70 to 135.70): V

3.17

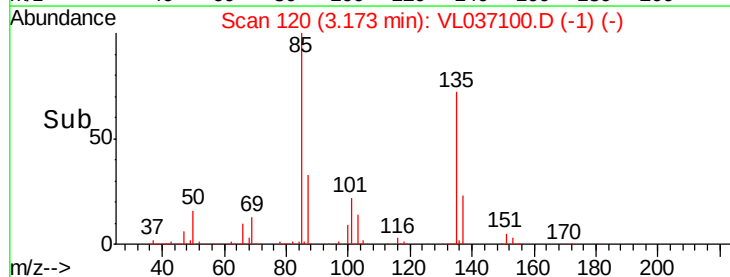
1500000

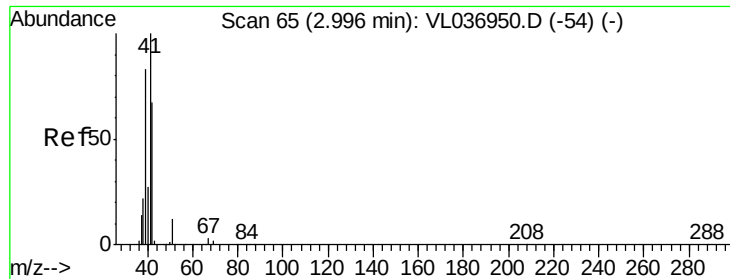
1000000

500000

0

Time--> 3.10 3.15 3.20 3.25





#9

Propene

Concen: 8.514 ppbv

RT: 3.00 min Scan# 65

Delta R.T. -0.00 min

Lab File: VL037100.D

Acq: 2 Jun 2021 13:16

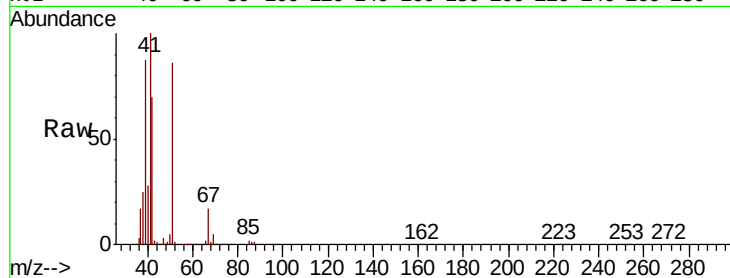
Instrument :
MSVOA_L
ClientSampled :

Tot Ion: 41 Resp: 810801

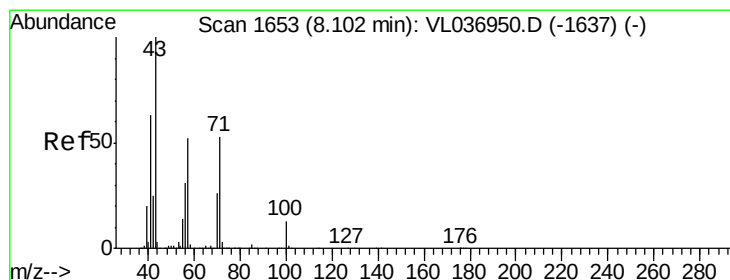
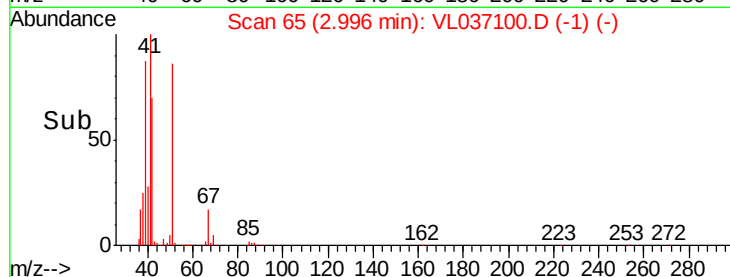
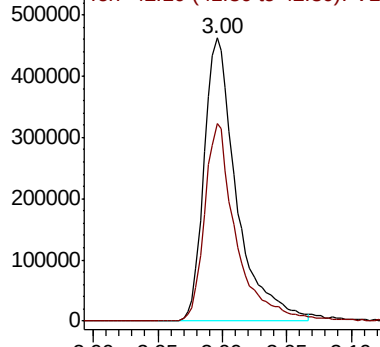
Ion Ratio Lower Upper

41 100

42 68.5 53.9 80.9



Abundance Ion 41.10 (40.80 to 41.80): VL0
Ion 42.10 (41.80 to 42.80): VL0



#10

Heptane

Concen: 8.884 ppbv

RT: 8.10 min Scan# 1654

Delta R.T. 0.00 min

Lab File: VL037100.D

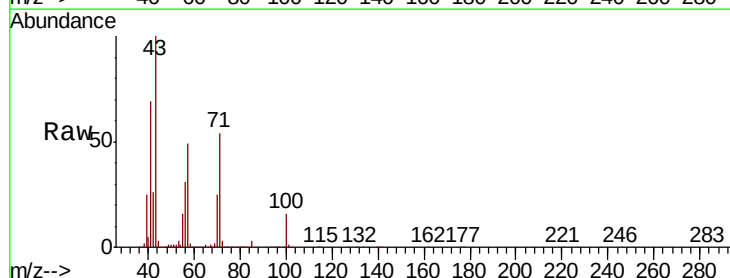
Acq: 2 Jun 2021 13:16

Tgt Ion: 43 Resp: 2108441

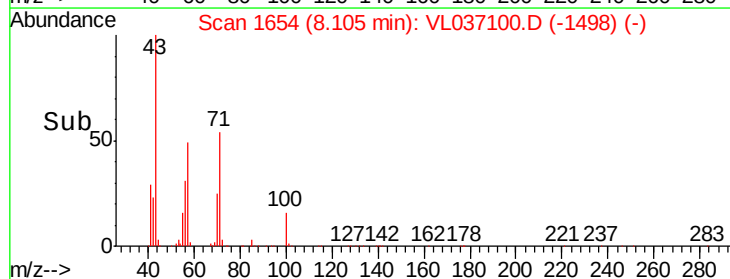
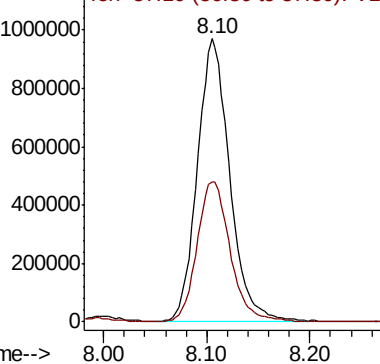
Ion Ratio Lower Upper

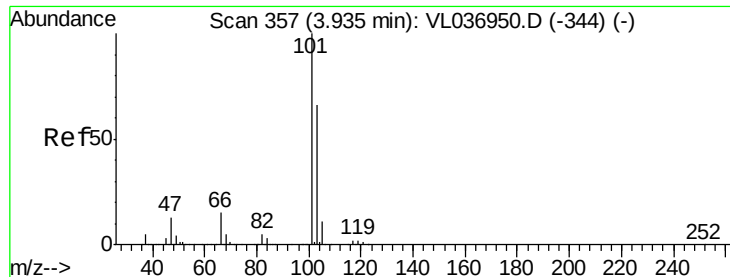
43 100

57 50.6 41.0 61.6



Abundance Ion 43.10 (42.80 to 43.80): VL0
Ion 57.10 (56.80 to 57.80): VL0

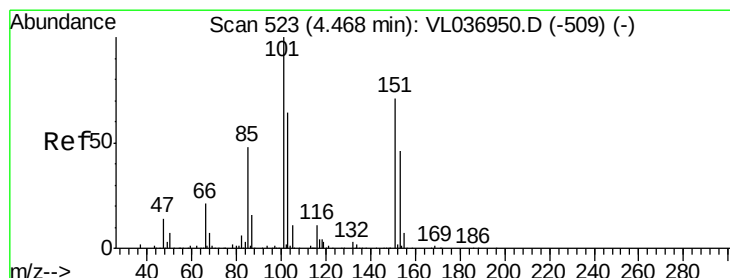
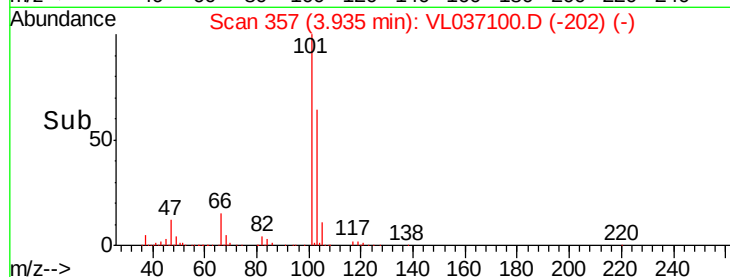
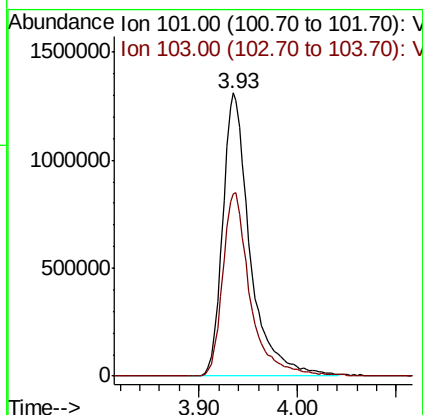
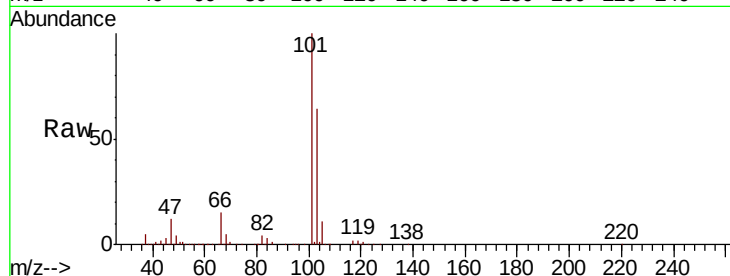




#11
 Trichlorofluoromethane
 Concen: 11.210 ppbv
 RT: 3.93 min Scan# 357
 Delta R.T. -0.00 min
 Lab File: VL037100.D
 Acq: 2 Jun 2021 13:16

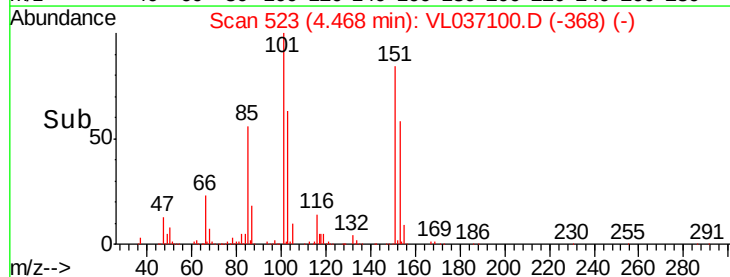
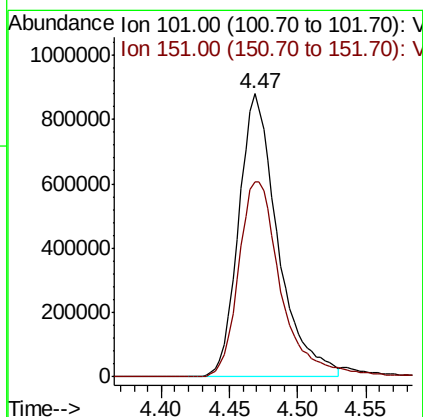
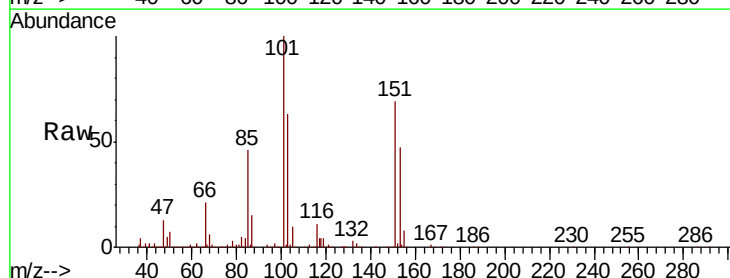
Instrument :
 MSVOA_L
 ClientSampled :

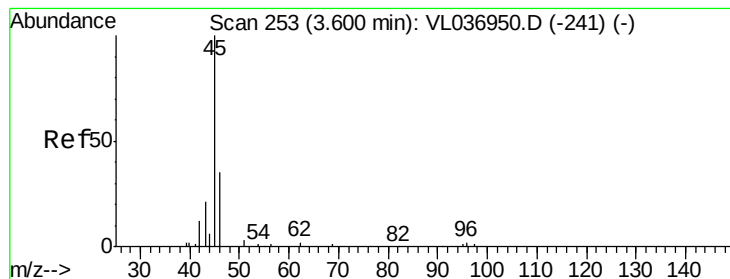
Tot Ion:101 Resp: 2555278
 Ion Ratio Lower Upper
 101 100
 103 64.4 52.6 79.0



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 10.803 ppbv
 RT: 4.47 min Scan# 523
 Delta R.T. -0.00 min
 Lab File: VL037100.D
 Acq: 2 Jun 2021 13:16

Tgt Ion:101 Resp: 1754162
 Ion Ratio Lower Upper
 101 100
 151 75.6 57.7 86.5





#13

Ethanol

Concen: 5.969 ppbv

RT: 3.60 min Scan# 254

Delta R.T. 0.00 min

Lab File: VL037100.D

Acq: 2 Jun 2021 13:16

Instrument :

MSVOA_L

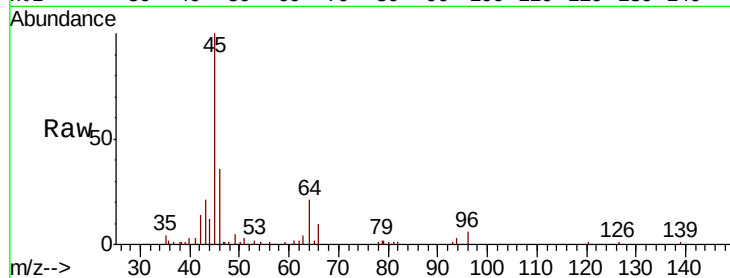
ClientSampleId :

Tot Ion: 45 Resp: 75841

Ion Ratio Lower Upper

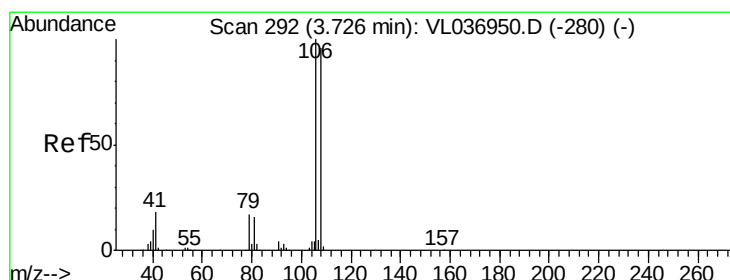
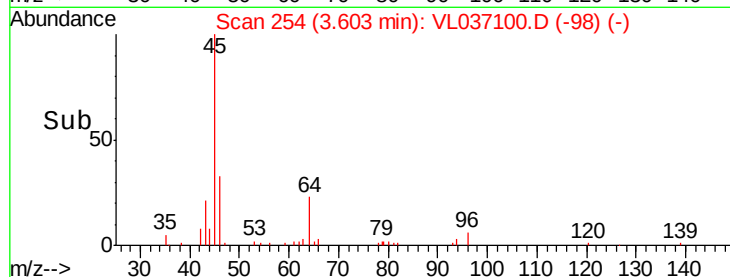
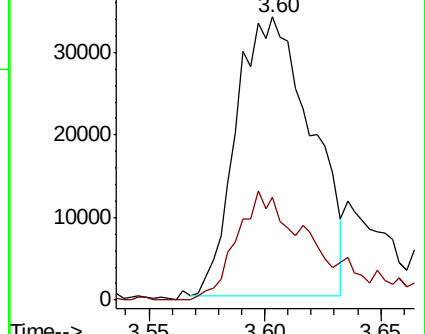
45 100

46 46.9 16.3 65.3



Abundance Ion 45.10 (44.80 to 45.80): VL0

Ion 46.10 (45.80 to 46.80): VL0



#14

Bromoethene

Concen: 10.571 ppbv

RT: 3.73 min Scan# 292

Delta R.T. -0.00 min

Lab File: VL037100.D

Acq: 2 Jun 2021 13:16

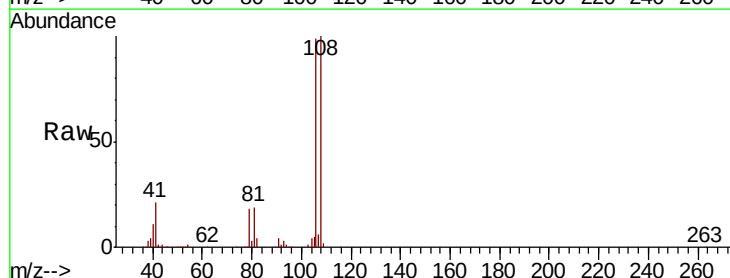
Tgt Ion: 108 Resp: 756040

Ion Ratio Lower Upper

108 100

106 108.0 86.5 129.7

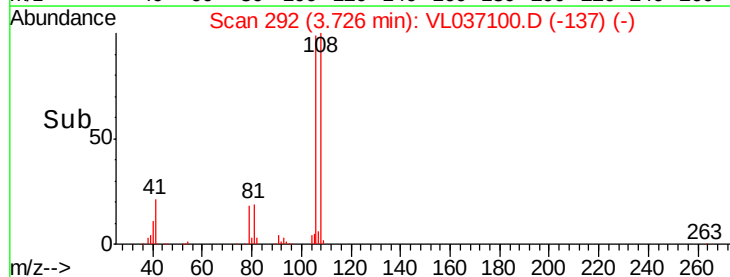
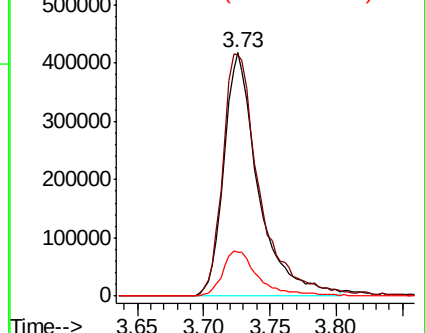
79 19.9 15.0 22.4

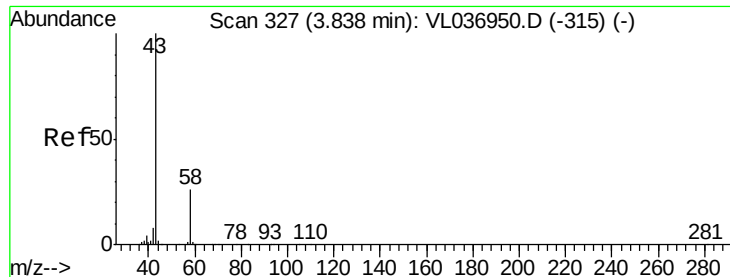


Abundance Ion 108.00 (107.70 to 108.70): V

Ion 106.00 (105.70 to 106.70): V

Ion 79.00 (78.70 to 79.70): VL0





#15

Acetone

Concen: 8.373 ppbv

RT: 3.84 min Scan# 327

Delta R.T. -0.00 min

Lab File: VL037100.D

Acq: 2 Jun 2021 13:16

Instrument :

MSVOA_L

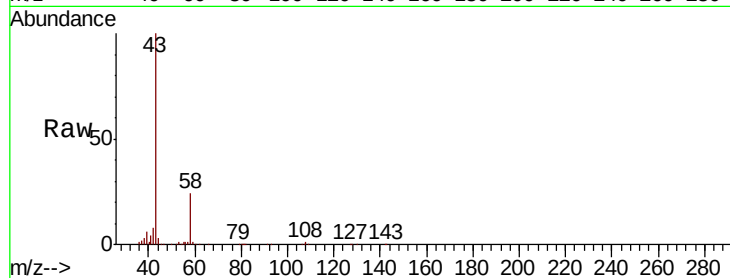
ClientSampleId :

Tot Ion: 43 Resp: 1245024

Ion Ratio Lower Upper

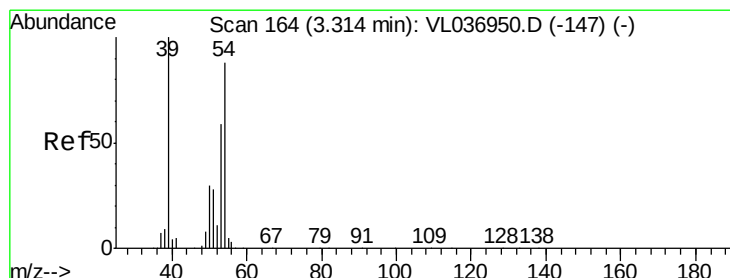
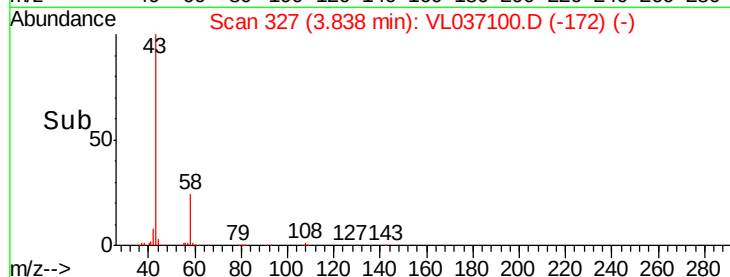
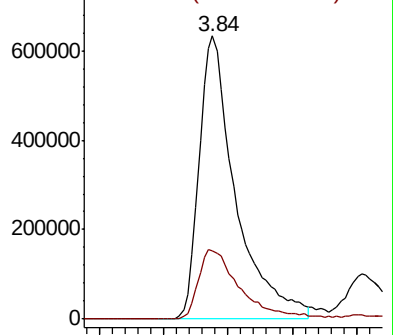
43 100

58 28.2 24.0 36.0



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0



#16

1,3-Butadiene

Concen: 10.013 ppbv

RT: 3.31 min Scan# 164

Delta R.T. -0.00 min

Lab File: VL037100.D

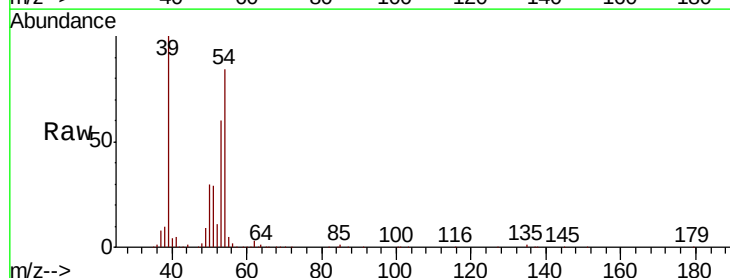
Acq: 2 Jun 2021 13:16

Tgt Ion: 39 Resp: 925034

Ion Ratio Lower Upper

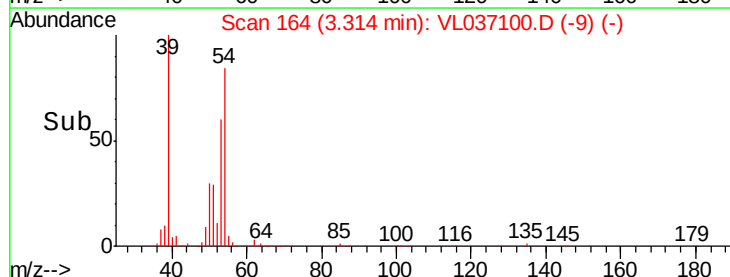
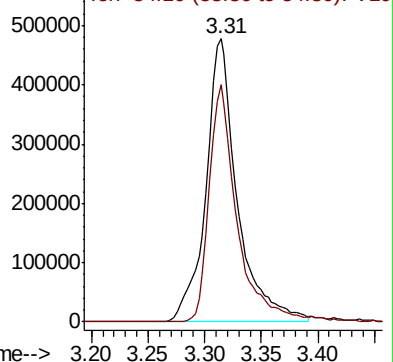
39 100

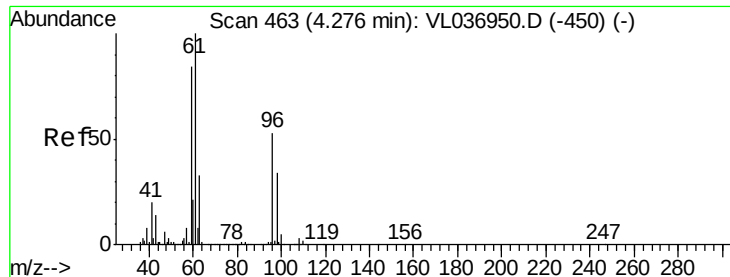
54 75.5 63.2 94.8



Abundance Ion 39.10 (38.80 to 39.80): VL0

Ion 54.10 (53.80 to 54.80): VL0



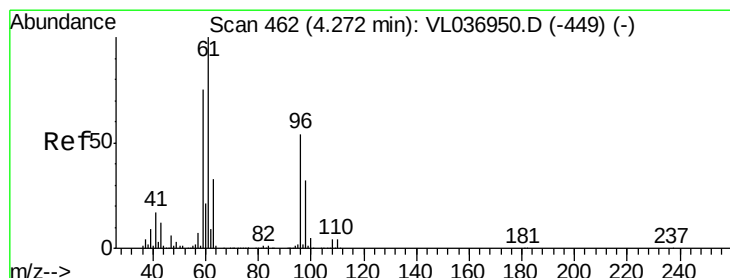
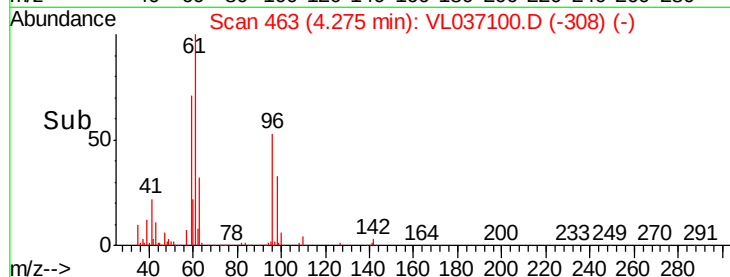
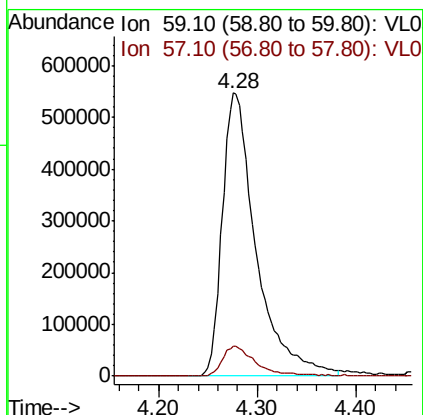
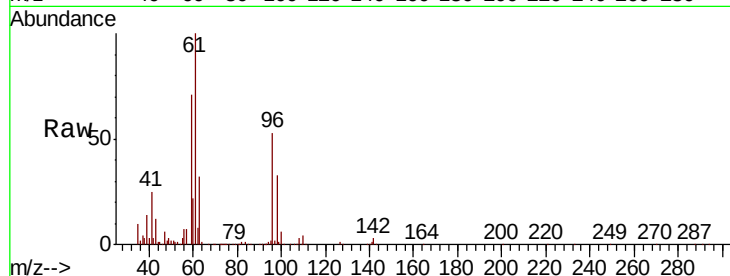


#17

tert-Butyl alcohol
Concen: 9.654 ppbv
RT: 4.28 min Scan# 463
Delta R.T. -0.00 min
Lab File: VL037100.D
Acq: 2 Jun 2021 13:16

Instrument :
MSVOA_L
ClientSampled :

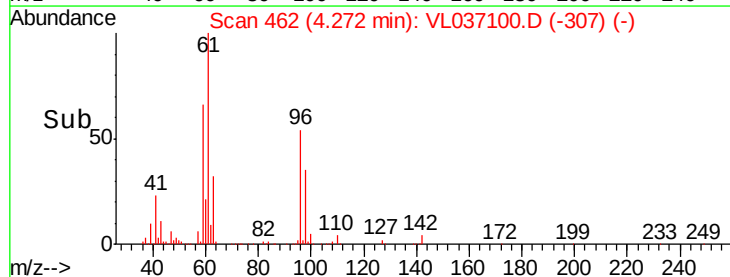
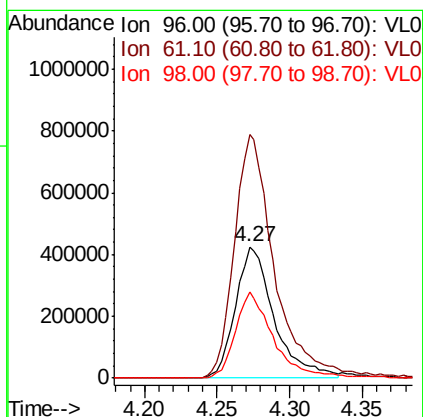
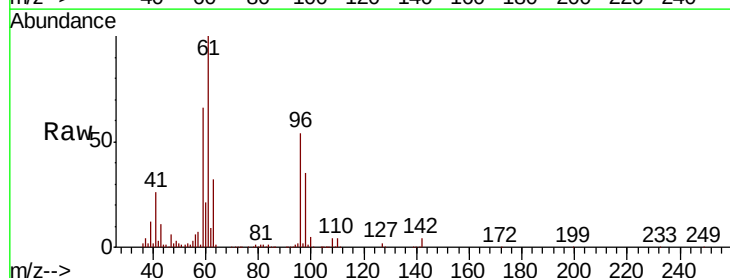
Tot Ion: 59 Resp: 1314909
Ion Ratio Lower Upper
59 100
57 10.8 8.3 12.5

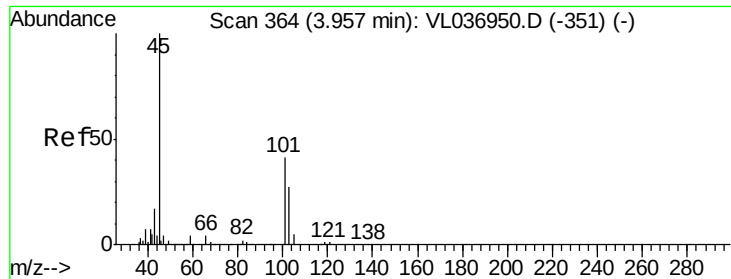


#18

1,1-Dichloroethene
Concen: 10.486 ppbv
RT: 4.27 min Scan# 462
Delta R.T. -0.00 min
Lab File: VL037100.D
Acq: 2 Jun 2021 13:16

Tgt Ion: 96 Resp: 787303
Ion Ratio Lower Upper
96 100
61 185.6 148.2 222.4
98 65.8 47.8 71.6





#19

Isopropyl Alcohol

Concen: 9.047 ppbv

RT: 3.96 min Scan# 364

Delta R.T. -0.00 min

Lab File: VL037100.D

Acq: 2 Jun 2021 13:16

Instrument :

MSVOA_L

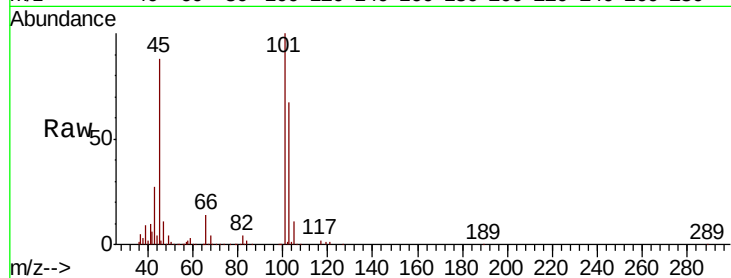
ClientSampleId :

Tot Ion: 45 Resp: 723173

Ion Ratio Lower Upper

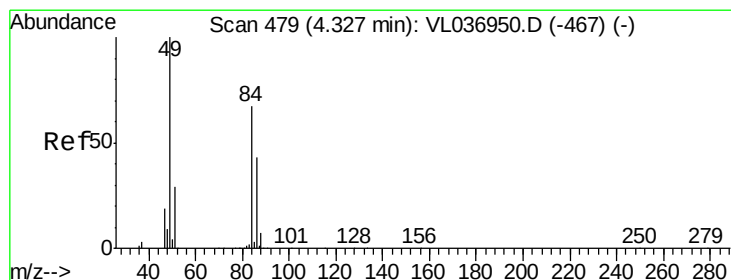
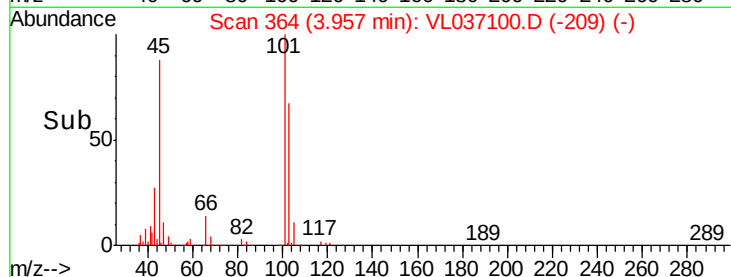
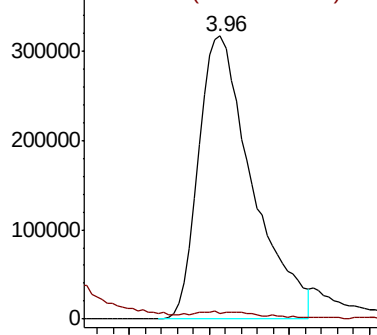
45 100

58 3.6 37.2 55.8#



Abundance Ion 45.10 (44.80 to 45.80): VL0

Ion 58.10 (57.80 to 58.80): VL0



#20

Methylene Chloride

Concen: 7.957 ppbv

RT: 4.33 min Scan# 480

Delta R.T. 0.00 min

Lab File: VL037100.D

Acq: 2 Jun 2021 13:16

Tgt Ion: 84 Resp: 634191

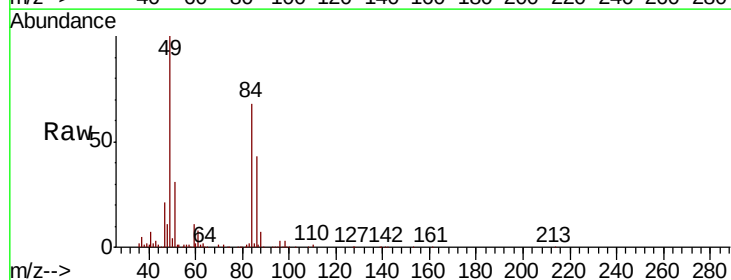
Ion Ratio Lower Upper

84 100

49 144.6 119.8 179.6

51 44.0 35.1 52.7

86 62.8 50.9 76.3

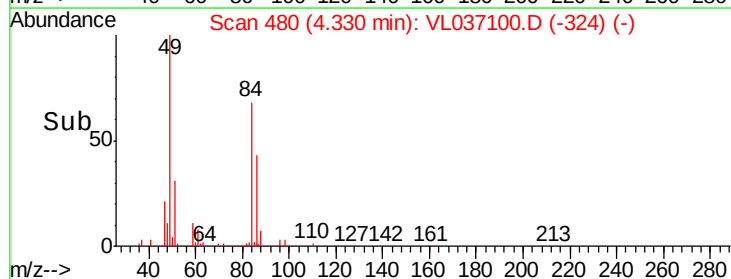
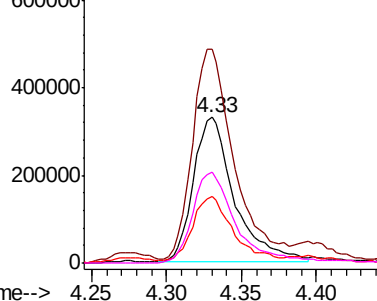


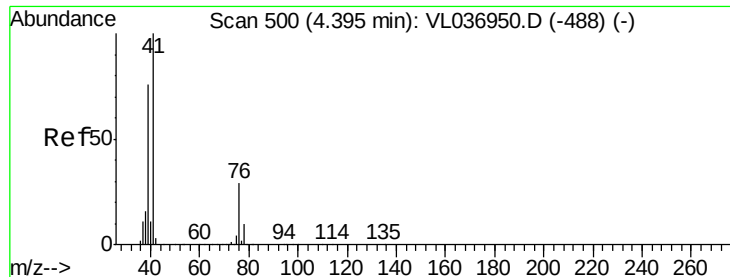
Abundance Ion 84.00 (83.70 to 84.70): VL0

Ion 49.10 (48.80 to 49.80): VL0

Ion 51.10 (50.80 to 51.80): VL0

Ion 86.00 (85.70 to 86.70): VL0

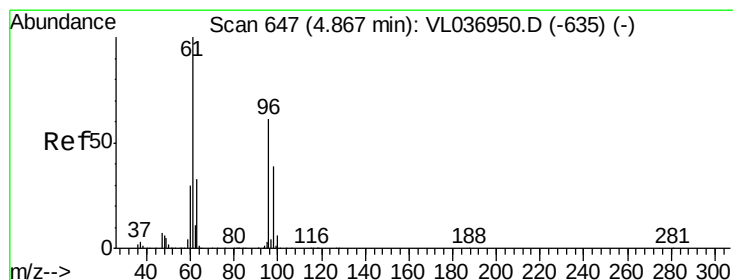
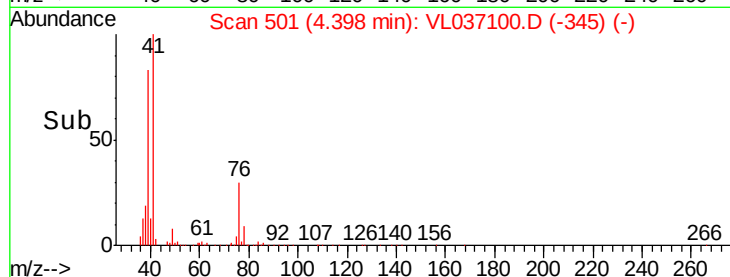
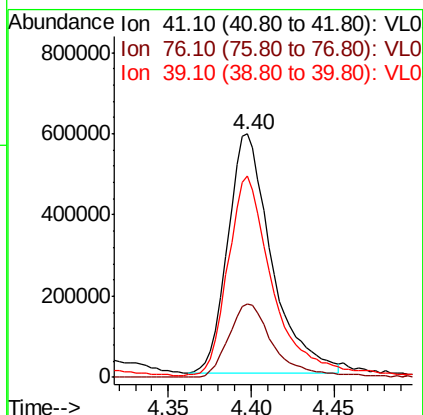
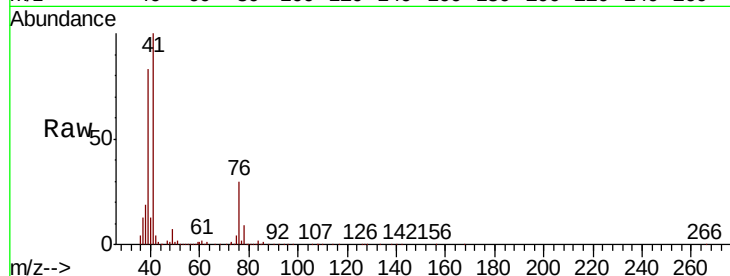




#21
Allvl Chloride
Concen: 9.687 ppbv
RT: 4.40 min Scan# 501
Delta R.T. 0.00 min
Lab File: VL037100.D
Acq: 2 Jun 2021 13:16

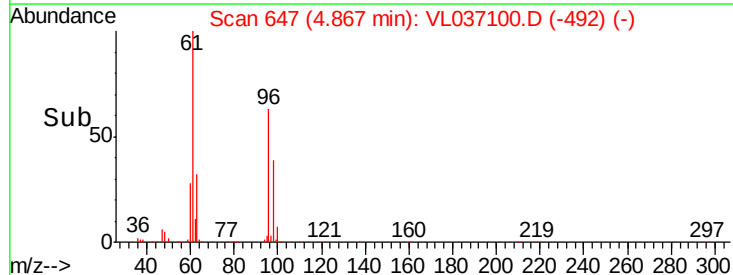
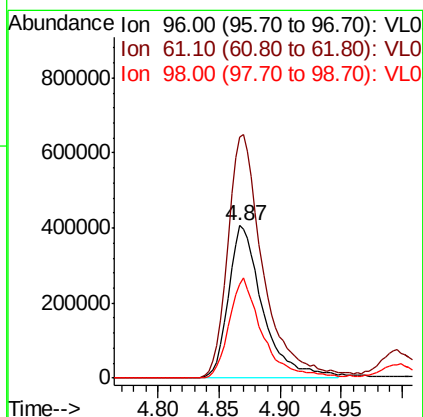
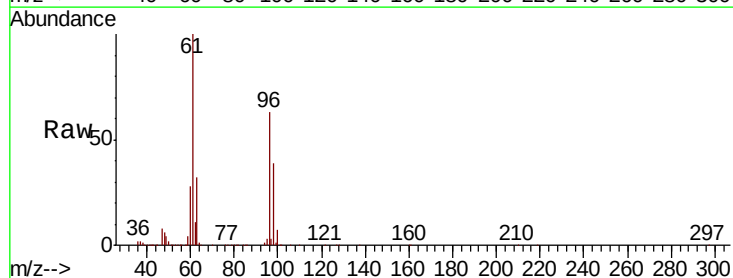
Instrument :
MSVOA_L
ClientSampleId :

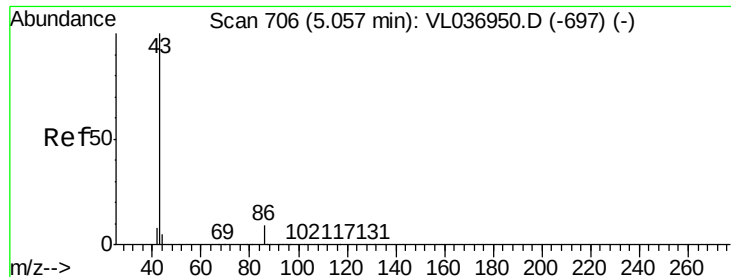
Tot Ion: 41 Resp: 1086599
Ion Ratio Lower Upper
41 100
76 31.8 24.9 37.3
39 88.9 63.7 95.5



#22
trans-1,2-Dichloroethene
Concen: 11.099 ppbv
RT: 4.87 min Scan# 647
Delta R.T. -0.00 min
Lab File: VL037100.D
Acq: 2 Jun 2021 13:16

Tgt Ion: 96 Resp: 798690
Ion Ratio Lower Upper
96 100
61 157.7 130.6 196.0
98 61.6 50.8 76.2





#23

Vinyl Acetate

Concen: 9.669 ppbv

RT: 5.06 min Scan# 707

Delta R.T. 0.00 min

Lab File: VL037100.D

Acq: 2 Jun 2021 13:16

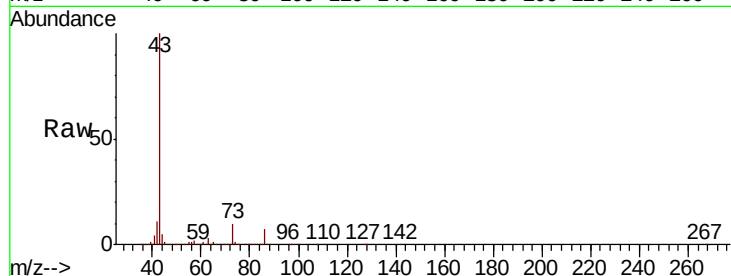
Instrument :

MSVOA_L

ClientSampleId :

Tot Ion: 43 Resp: 2281941

Ion	Ratio	Lower	Upper
43	100		
86	7.4	5.8	8.8
42	10.7	7.4	11.2
44	4.8	3.3	4.9

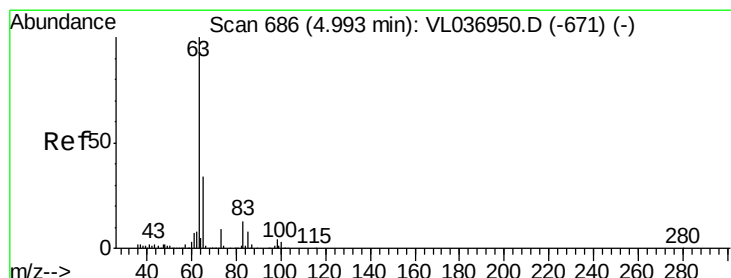
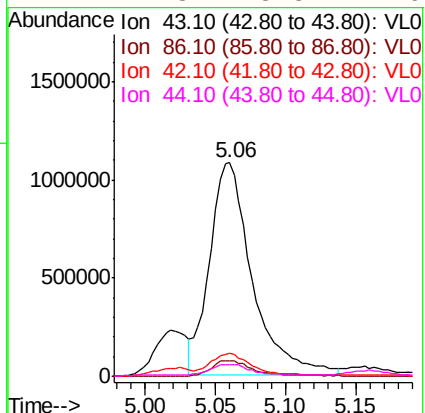
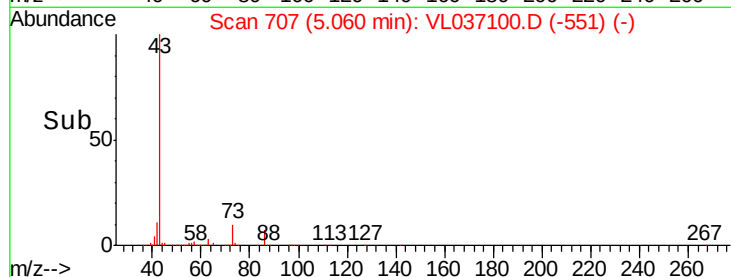


Abundance Ion 43.10 (42.80 to 43.80): VL0

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: 9.545 ppbv

RT: 5.00 min Scan# 687

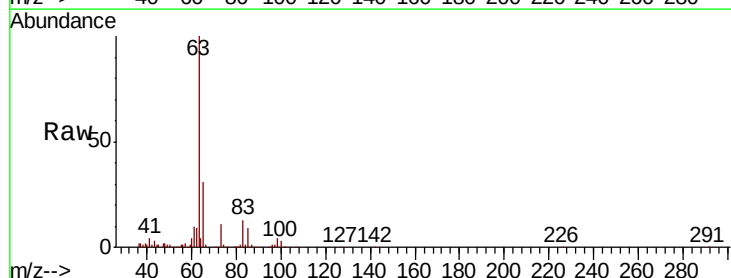
Delta R.T. 0.00 min

Lab File: VL037100.D

Acq: 2 Jun 2021 13:16

Tgt Ion: 63 Resp: 1621522

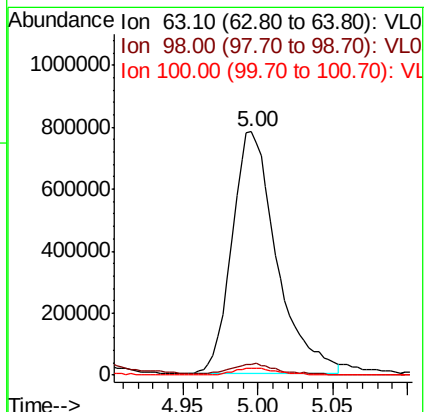
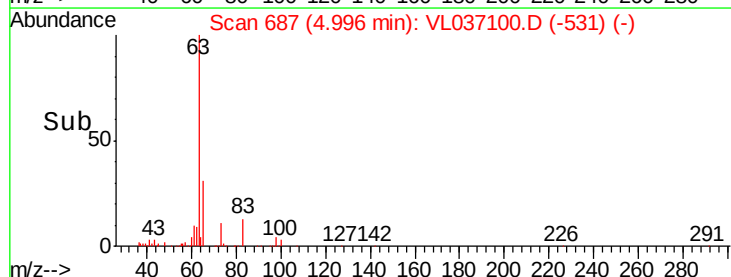
Ion	Ratio	Lower	Upper
63	100		
98	4.0	2.3	6.9
100	2.8	1.4	4.0

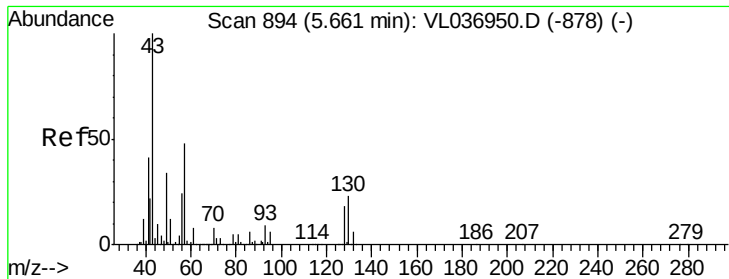


Abundance Ion 63.10 (62.80 to 63.80): VL0

Ion 98.00 (97.70 to 98.70): VL0

Ion 100.00 (99.70 to 100.70): VL0





#25

Ethyl Acetate

Concen: 9.237 ppbv

RT: 5.66 min Scan# 894

Delta R.T. -0.00 min

Lab File: VL037100.D

Acq: 2 Jun 2021 13:16

Instrument :

MSVOA_L

ClientSampleId :

Tot Ion: 43 Resp: 3300473

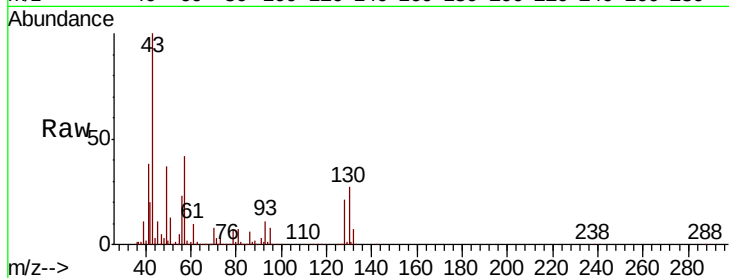
Ion Ratio Lower Upper

43 100

45 9.9 7.8 11.8

61 9.9 7.8 11.8

70 6.8 5.6 8.4

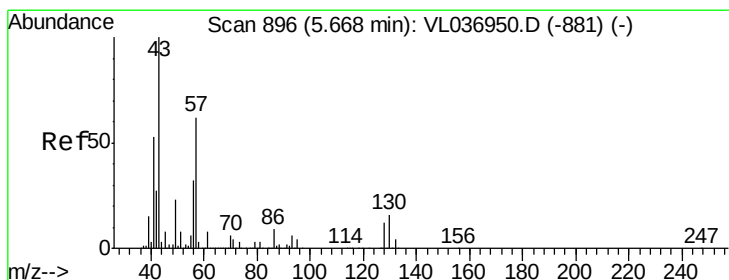
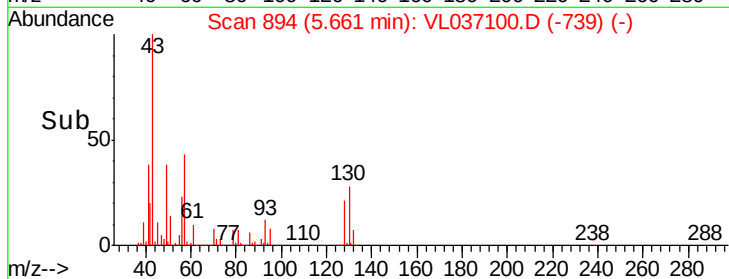
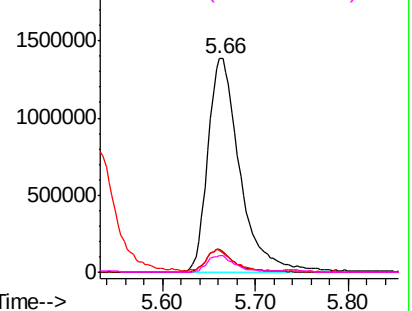


Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 45.10 (44.80 to 45.80): VL0

Ion 61.10 (60.80 to 61.80): VL0

Ion 70.10 (69.80 to 70.80): VL0



#26

Hexane

Concen: 8.643 ppbv

RT: 5.67 min Scan# 897

Delta R.T. 0.00 min

Lab File: VL037100.D

Acq: 2 Jun 2021 13:16

Tgt Ion: 57 Resp: 1577730

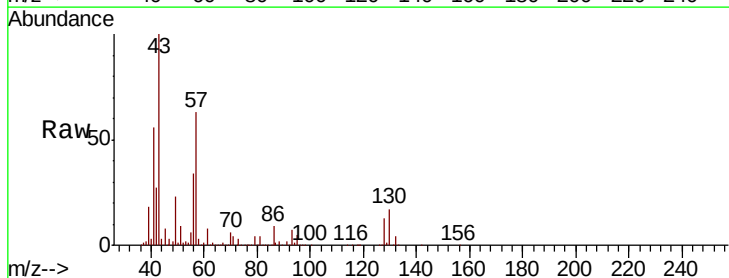
Ion Ratio Lower Upper

57 100

41 93.1 70.5 105.7

43 211.9 165.8 248.8

56 53.7 42.2 63.4

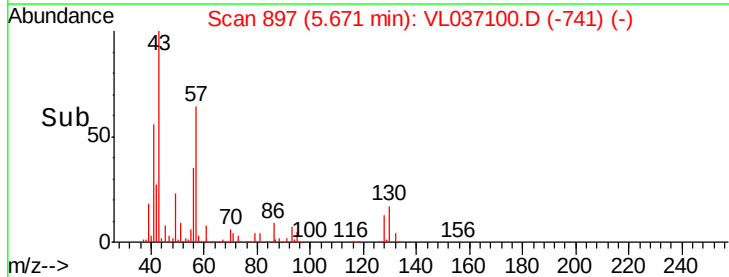
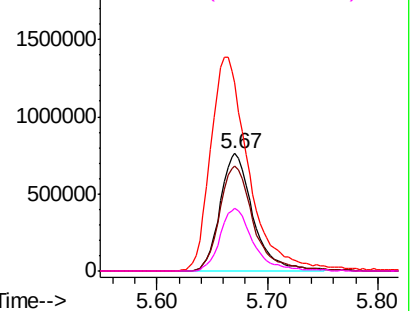


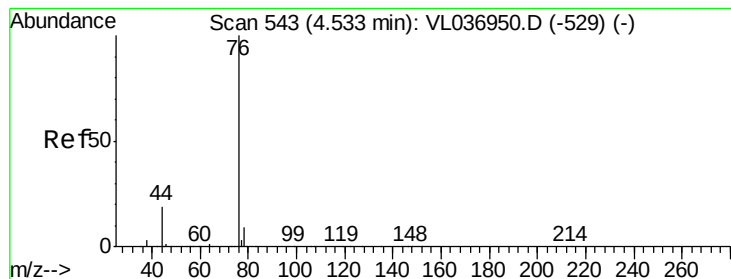
Abundance Ion 57.10 (56.80 to 57.80): VL0

Ion 41.10 (40.80 to 41.80): VL0

Ion 43.10 (42.80 to 43.80): VL0

Ion 56.10 (55.80 to 56.80): VL0





#27

Carbon Disulfide

Concen: 9.861 ppbv

RT: 4.54 min Scan# 544

Delta R.T. 0.00 min

Lab File: VL037100.D

Acq: 2 Jun 2021 13:16

Instrument :

MSVOA_L

ClientSampleId :

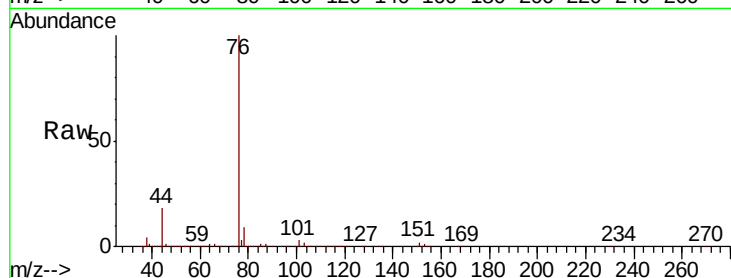
Tot Ion: 76 Resp: 1814136

Ion Ratio Lower Upper

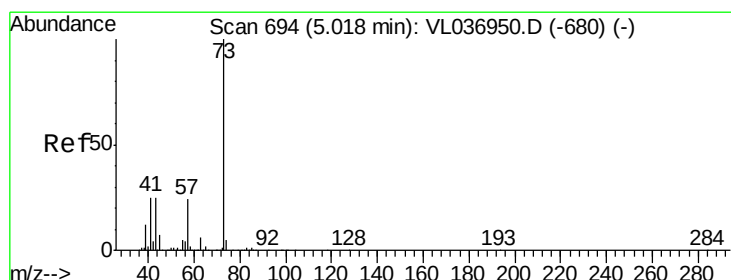
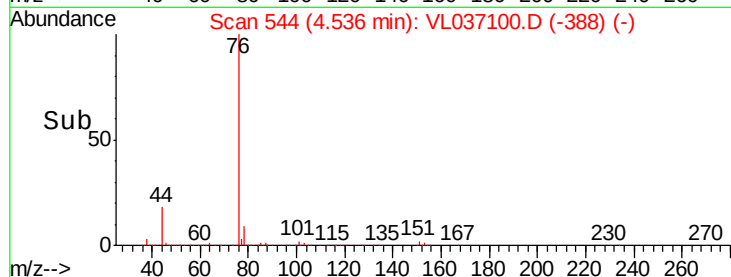
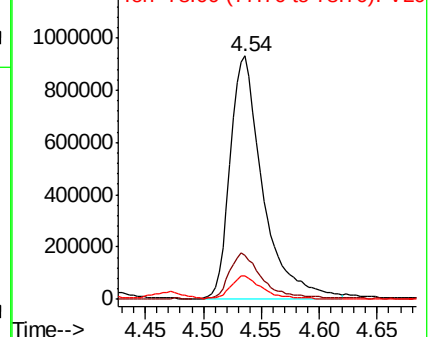
76 100

44 18.9 15.5 23.3

78 9.8 7.8 11.6



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



#28

Methyl tert-Butyl Ether

Concen: 8.923 ppbv

RT: 5.02 min Scan# 694

Delta R.T. -0.00 min

Lab File: VL037100.D

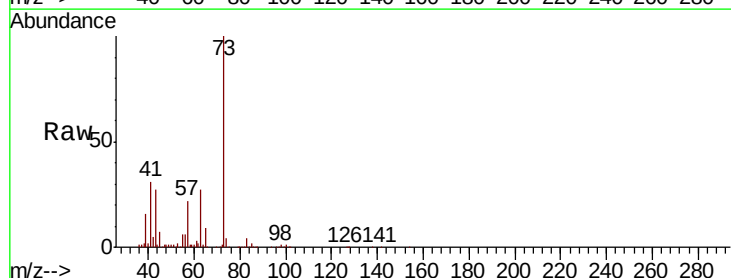
Acq: 2 Jun 2021 13:16

Tgt Ion: 73 Resp: 1952328

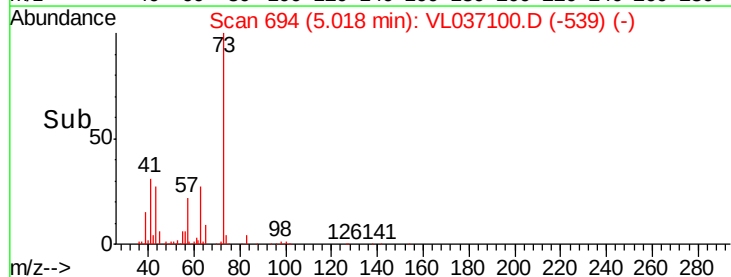
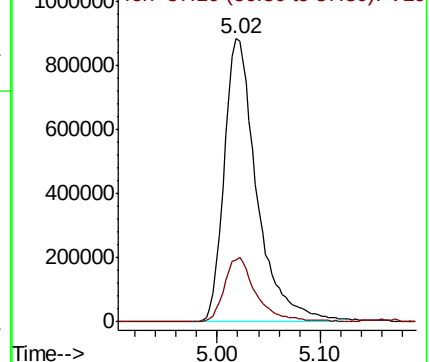
Ion Ratio Lower Upper

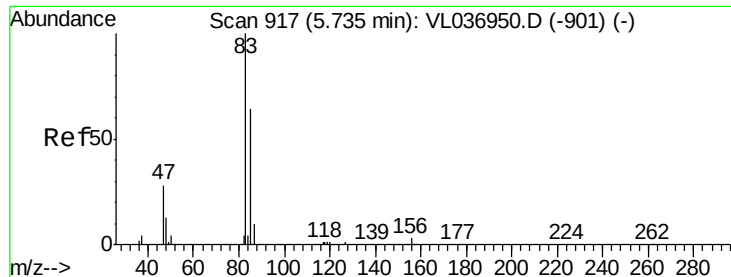
73 100

57 22.3 18.3 27.5



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

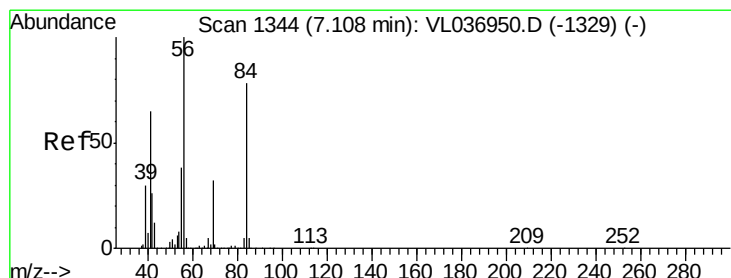
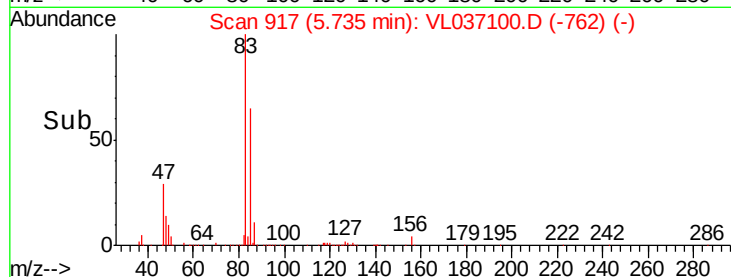
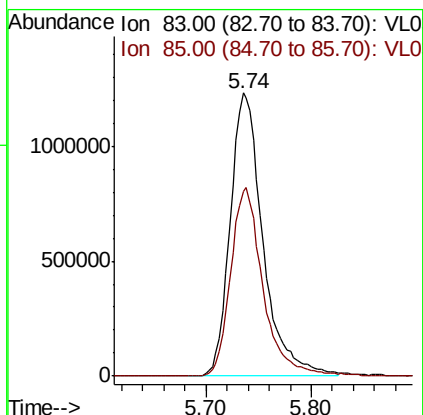
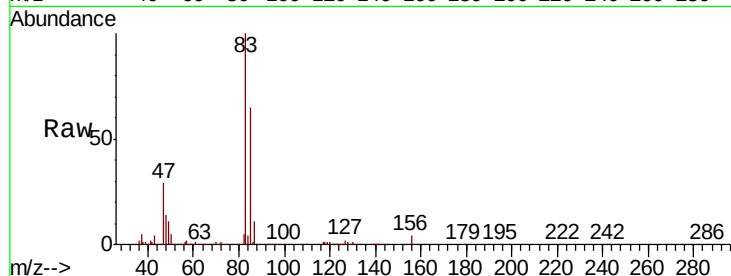




#29
Chloroform
Concen: 10.245 ppbv
RT: 5.74 min Scan# 917
Delta R.T. -0.00 min
Lab File: VL037100.D
Acq: 2 Jun 2021 13:16

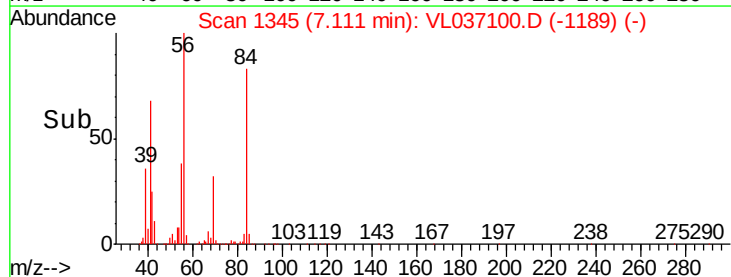
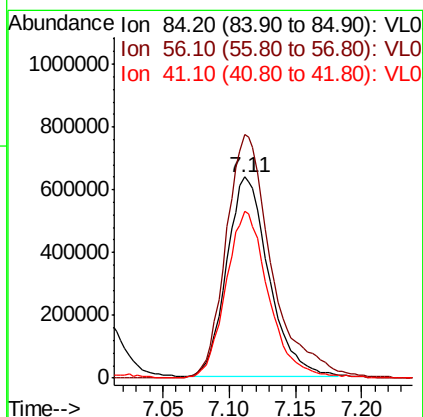
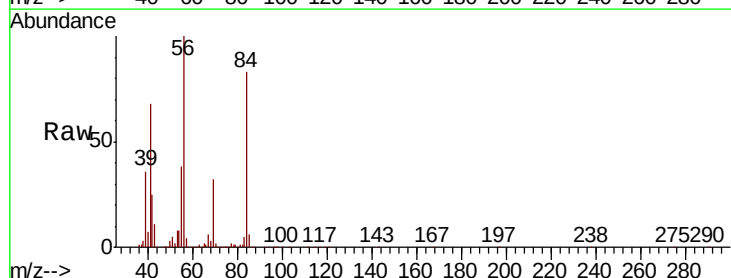
Instrument :
MSVOA_L
ClientSampleId :

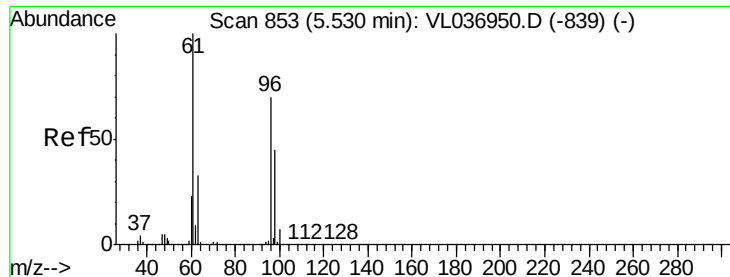
Tot Ion: 83 Resp: 2641931
Ion Ratio Lower Upper
83 100
85 65.1 51.1 76.7



#30
Cyclohexane
Concen: 9.102 ppbv
RT: 7.11 min Scan# 1345
Delta R.T. 0.00 min
Lab File: VL037100.D
Acq: 2 Jun 2021 13:16

Tgt Ion: 84 Resp: 1411903
Ion Ratio Lower Upper
84 100
56 132.9 107.9 161.9
41 84.2 65.5 98.3



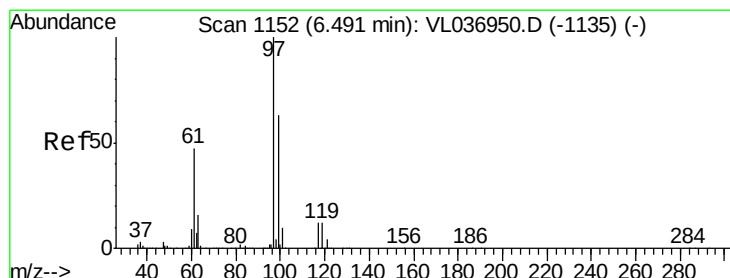
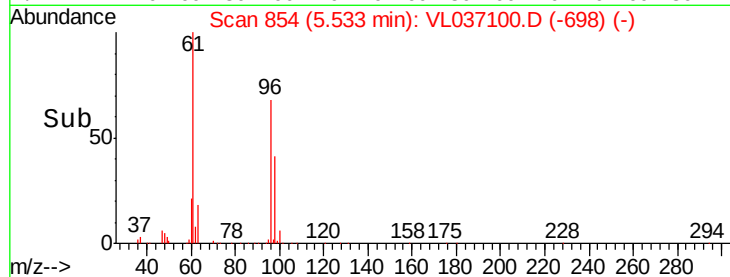
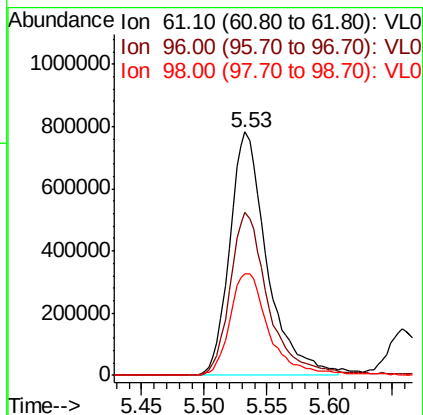
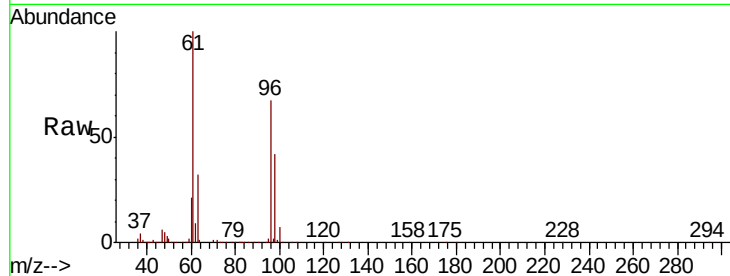


#31

cis-1,2-Dichloroethene
 Concen: 9.846 ppbv
 RT: 5.53 min Scan# 854
 Delta R.T. 0.00 min
 Lab File: VL037100.D
 Acq: 2 Jun 2021 13:16

Instrument :
 MSVOA_L
 ClientSampled :

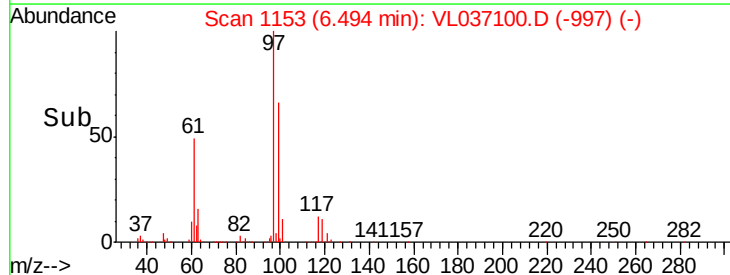
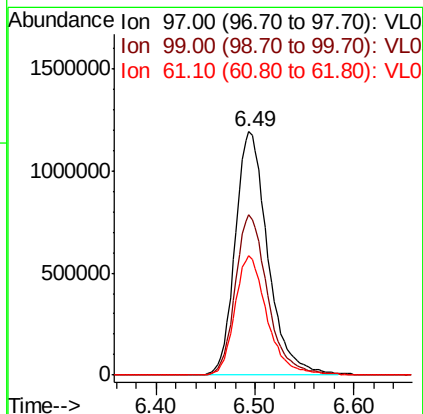
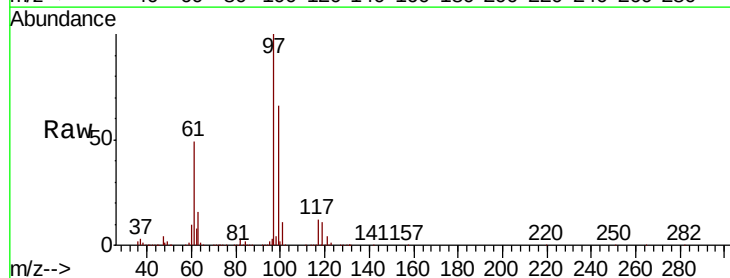
Tot Ion: 61 Resp: 1611378
 Ion Ratio Lower Upper
 61 100
 96 67.2 55.9 83.9
 98 41.6 35.6 53.4

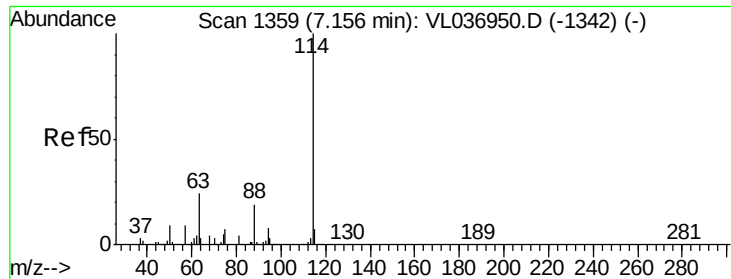


#32

1,1,1-Trichloroethane
 Concen: 9.880 ppbv
 RT: 6.49 min Scan# 1153
 Delta R.T. 0.00 min
 Lab File: VL037100.D
 Acq: 2 Jun 2021 13:16

Tgt Ion: 97 Resp: 2735851
 Ion Ratio Lower Upper
 97 100
 99 65.5 51.9 77.9
 61 48.3 37.6 56.4

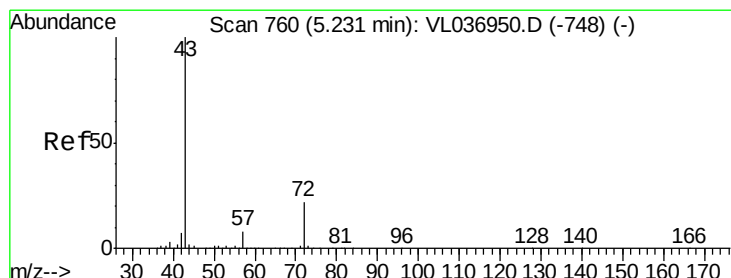
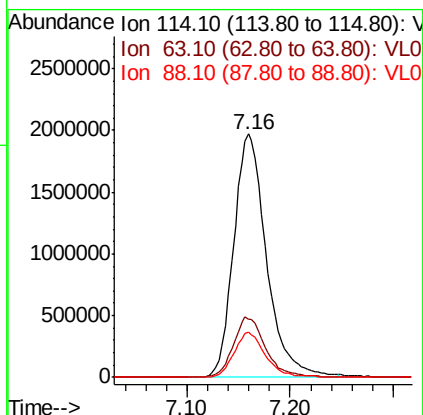
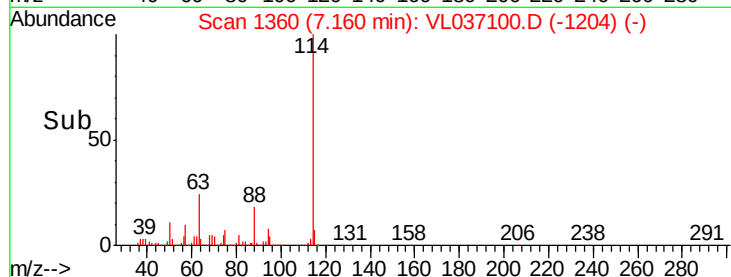
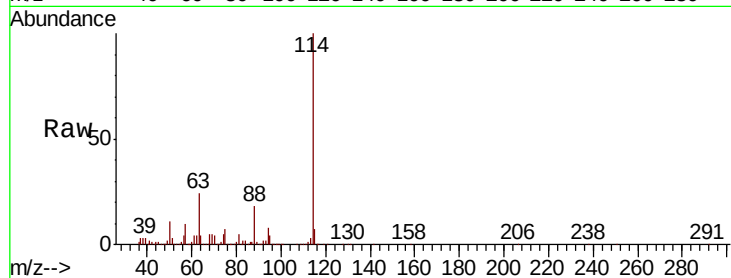




#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.16 min Scan# 1360
 Delta R.T. 0.00 min
 Lab File: VL037100.D
 Acq: 2 Jun 2021 13:16

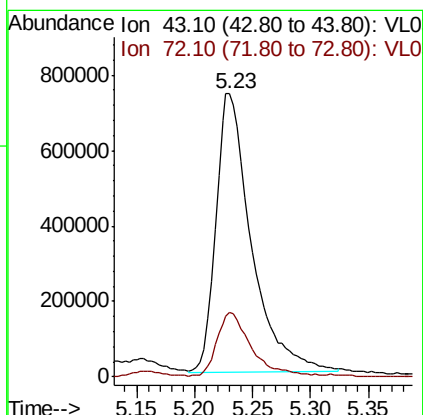
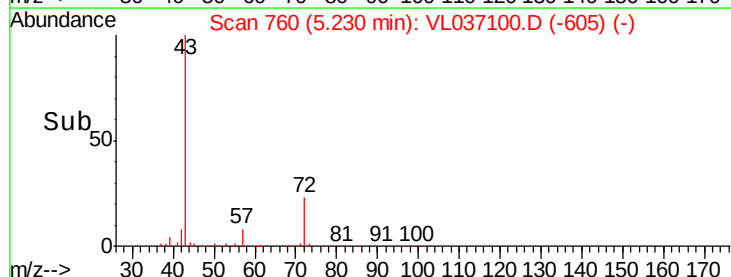
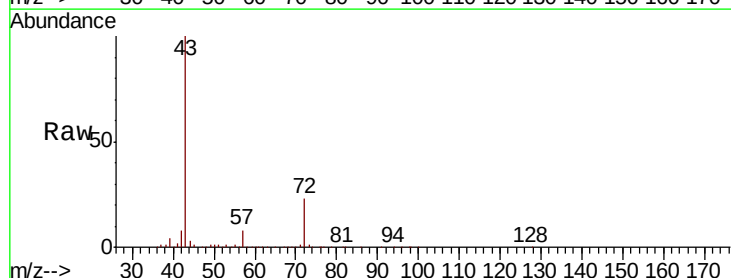
Instrument :
 MSVOA_L
 ClientSampleId :

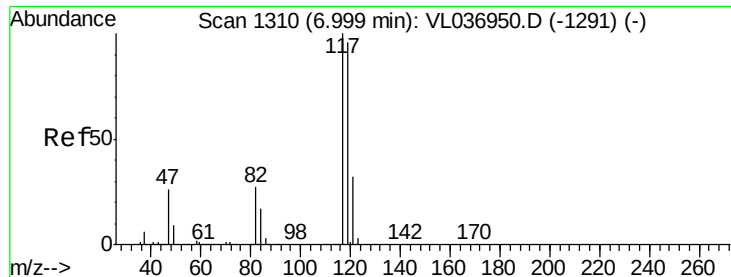
Tot Ion:114 Resp: 4356346
 Ion Ratio Lower Upper
 114 100
 63 24.7 19.6 29.4
 88 18.0 14.6 21.8



#34
 2-Butanone
 Concen: 9.925 ppbv
 RT: 5.23 min Scan# 760
 Delta R.T. -0.00 min
 Lab File: VL037100.D
 Acq: 2 Jun 2021 13:16

Tgt Ion: 43 Resp: 1574314
 Ion Ratio Lower Upper
 43 100
 72 23.6 19.0 28.4

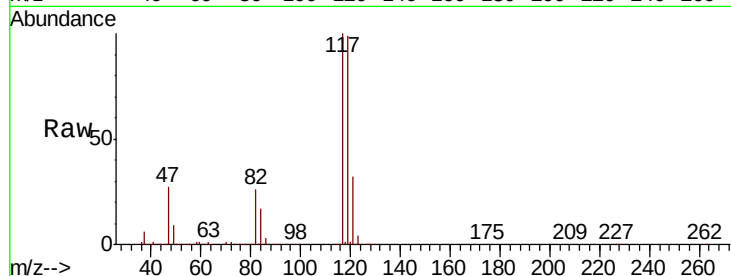




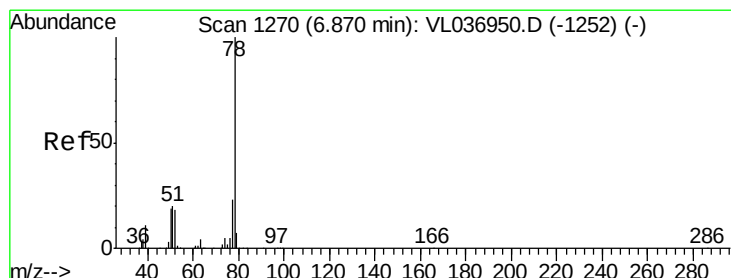
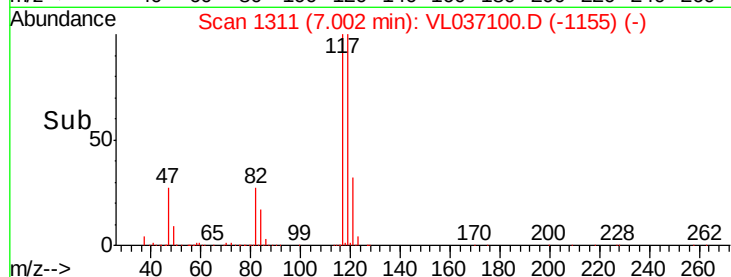
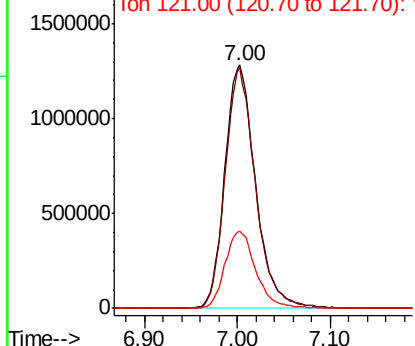
#35
Carbon Tetrachloride
Concen: 10.212 ppbv
RT: 7.00 min Scan# 1311
Delta R.T. 0.00 min
Lab File: VL037100.D
Acq: 2 Jun 2021 13:16

Instrument :
MSVOA_L
ClientSampleId :

Tot Ion:117 Resp: 2955916
Ion Ratio Lower Upper
117 100
119 99.2 76.6 114.8
121 31.9 25.8 38.6

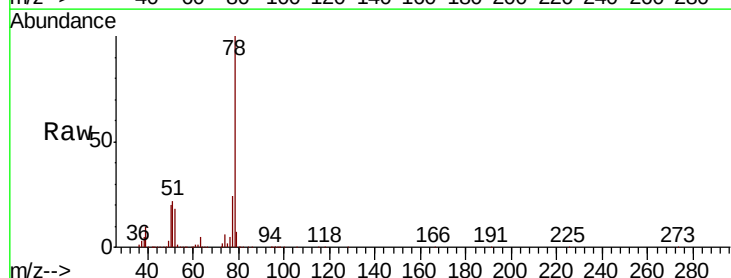


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 119.00 (118.70 to 119.70): V
Ion 121.00 (120.70 to 121.70): V

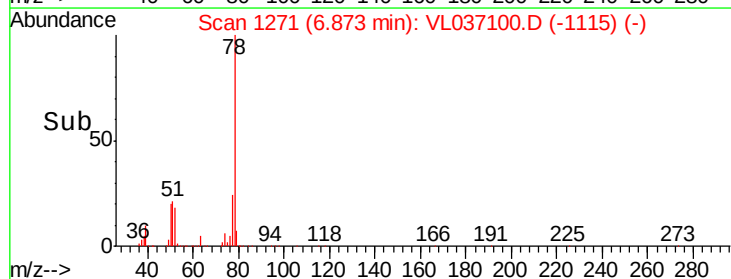
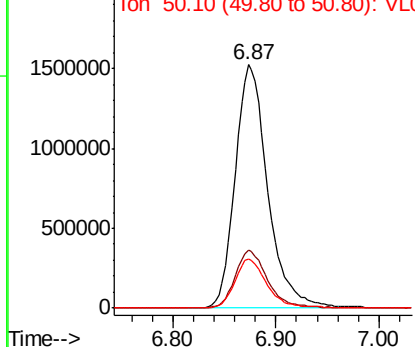


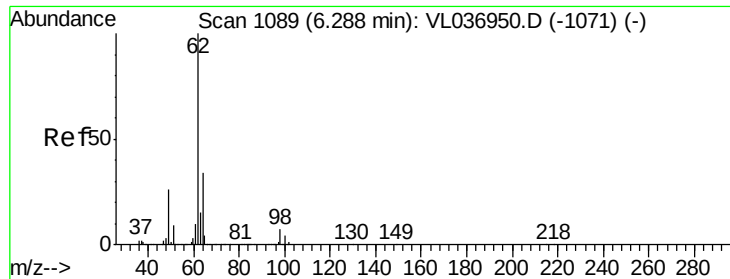
#36
Benzene
Concen: 8.916 ppbv
RT: 6.87 min Scan# 1271
Delta R.T. 0.00 min
Lab File: VL037100.D
Acq: 2 Jun 2021 13:16

Tgt Ion: 78 Resp: 3345477
Ion Ratio Lower Upper
78 100
77 23.8 18.6 28.0
50 20.1 15.0 22.4



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

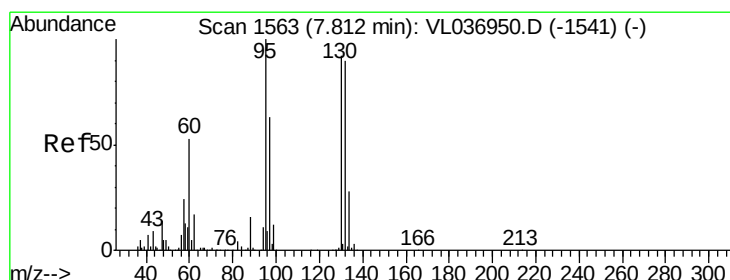
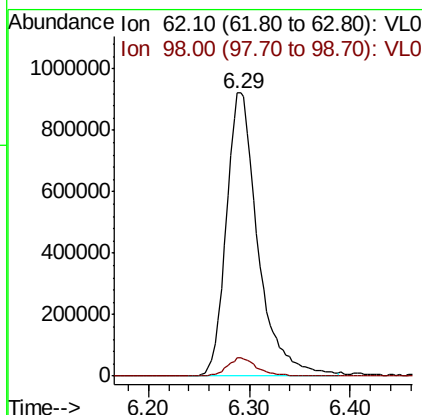
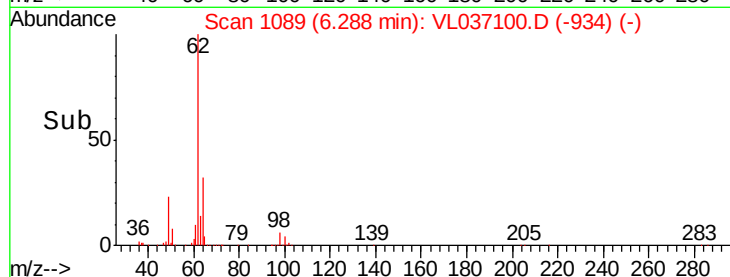
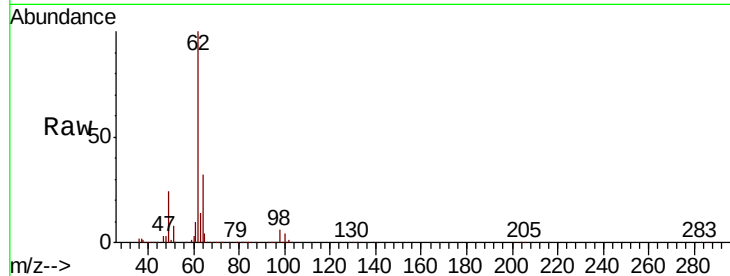




#37
1,2-Dichloroethane
Concen: 10.862 ppbv
RT: 6.29 min Scan# 1089
Delta R.T. -0.00 min
Lab File: VL037100.D
Acq: 2 Jun 2021 13:16

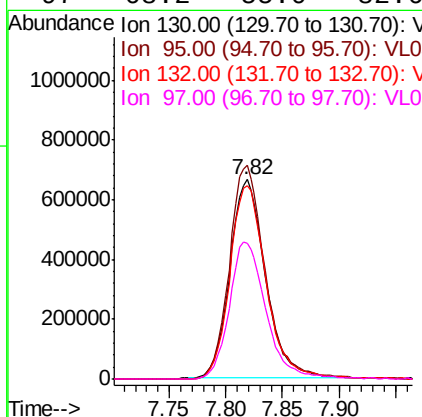
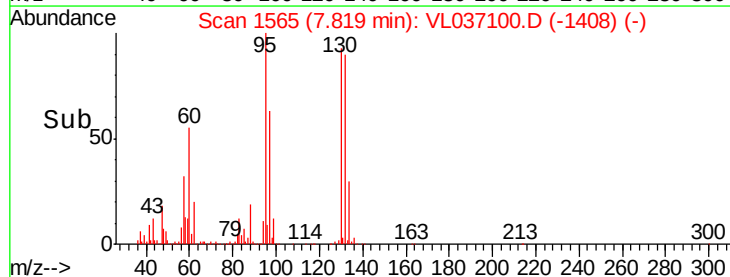
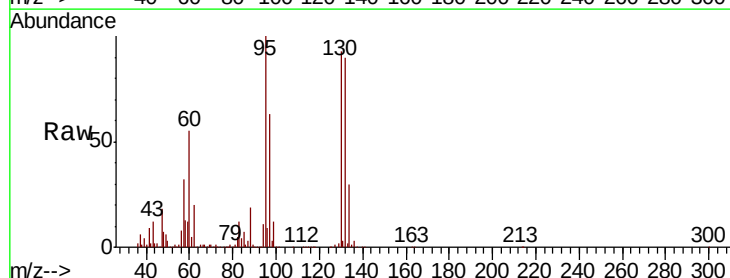
Instrument :
MSVOA_L
ClientSampled :

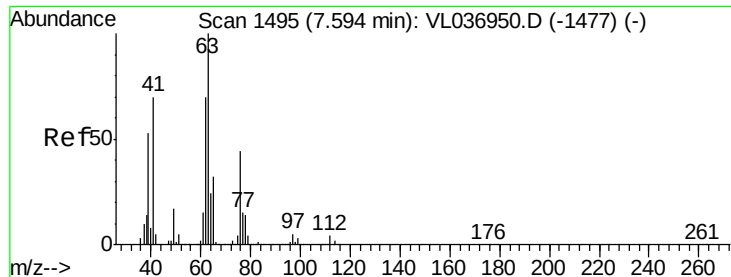
Tot Ion: 62 Resp: 2020699
Ion Ratio Lower Upper
62 100
98 6.4 5.5 8.3



#38
Trichloroethene
Concen: 9.050 ppbv
RT: 7.82 min Scan# 1565
Delta R.T. 0.01 min
Lab File: VL037100.D
Acq: 2 Jun 2021 13:16

Tgt Ion:130 Resp: 1452732
Ion Ratio Lower Upper
130 100
95 107.6 86.9 130.3
132 97.2 78.4 117.6
97 68.2 55.0 82.6





#39

1,2-Dichloropropane

Concen: 8.855 ppbv

RT: 7.60 min Scan# 1496

Delta R.T. 0.00 min

Lab File: VL037100.D

Acq: 2 Jun 2021 13:16

Instrument :

MSVOA_L

ClientSampleId :

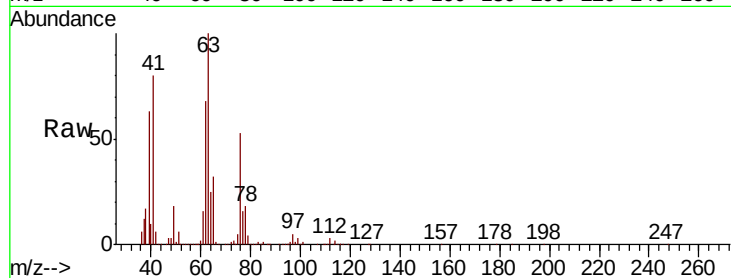
Tot Ion: 63 Resp: 1280011

Ion Ratio Lower Upper

63 100

41 79.8 55.7 83.5

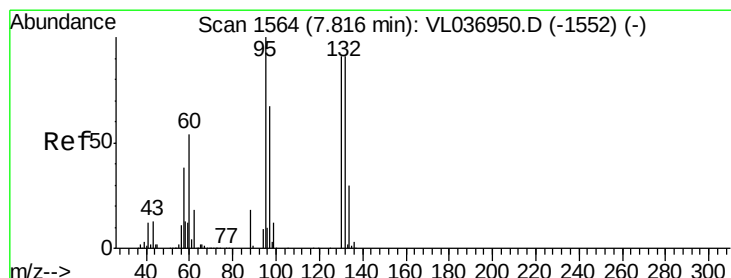
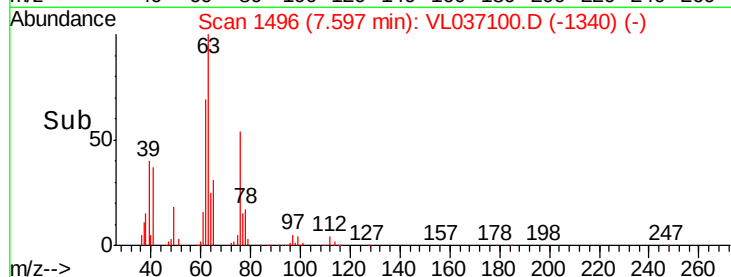
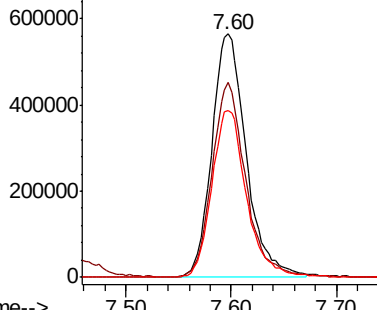
62 68.2 56.2 84.4



Abundance Ion 63.10 (62.80 to 63.80): VL0

Ion 41.10 (40.80 to 41.80): VL0

Ion 62.10 (61.80 to 62.80): VL0



#40

1,4-Dioxane

Concen: 9.440 ppbv

RT: 7.82 min Scan# 1565

Delta R.T. 0.00 min

Lab File: VL037100.D

Acq: 2 Jun 2021 13:16

Tgt Ion: 88 Resp: 322204

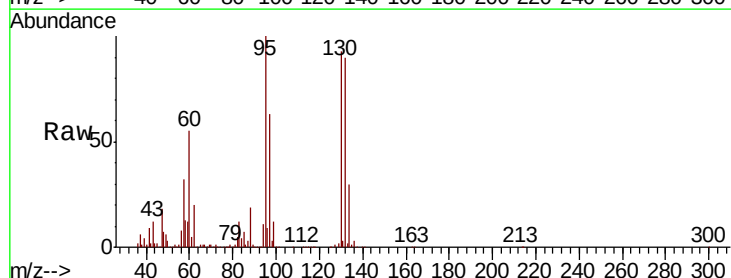
Ion Ratio Lower Upper

88 100

58 153.4 0.0 0.0#

43 384.4 0.0 0.0#

57 1708.3 0.0 0.0#

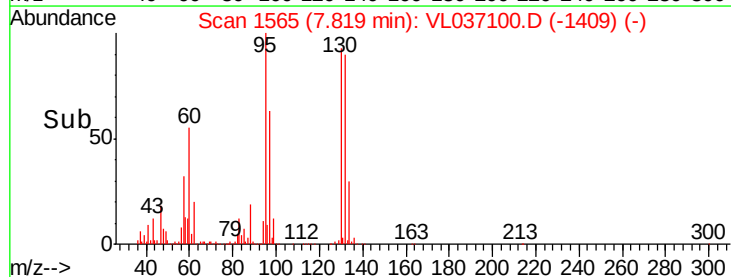
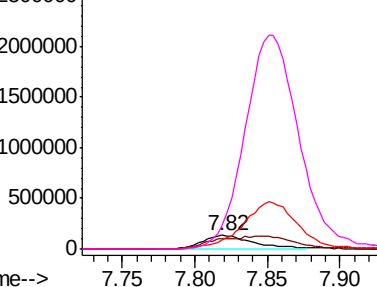


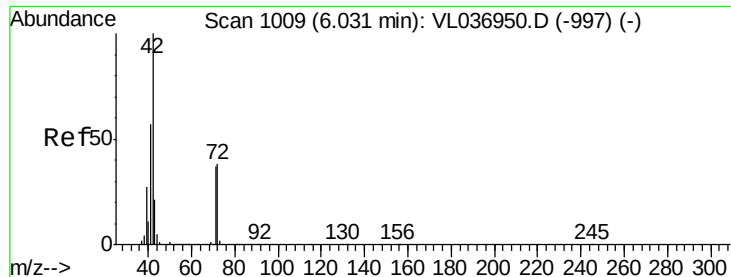
Abundance Ion 88.10 (87.80 to 88.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

Ion 43.10 (42.80 to 43.80): VL0

Ion 57.10 (56.80 to 57.80): VL0

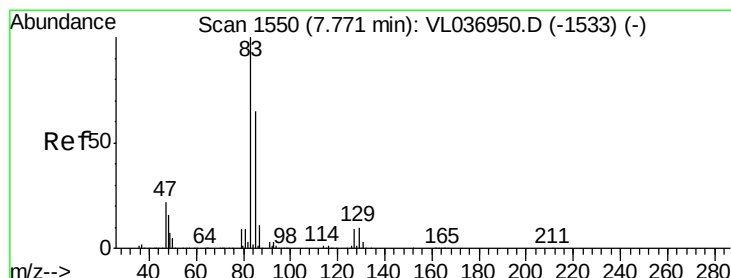
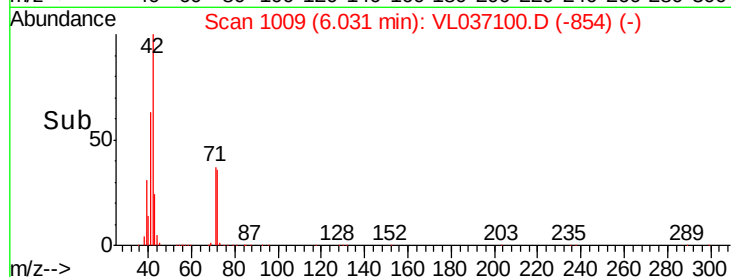
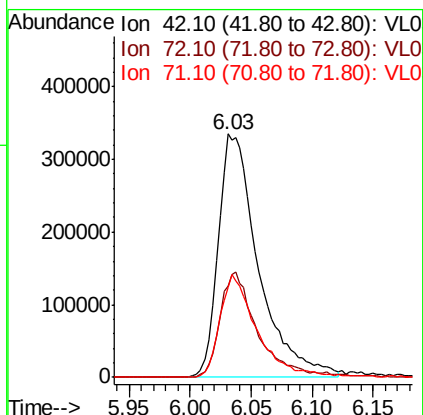
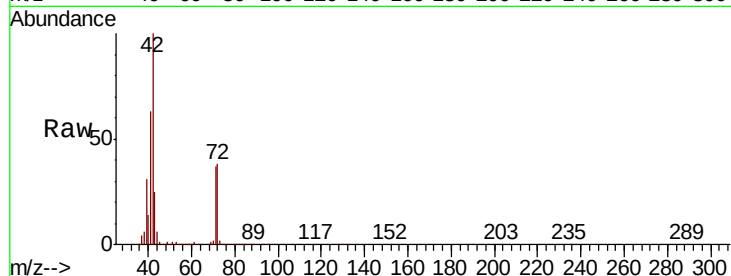




#41
Tetrahydrofuran
Concen: 8.514 ppbv
RT: 6.03 min Scan# 1009
Delta R.T. -0.00 min
Lab File: VL037100.D
Acq: 2 Jun 2021 13:16

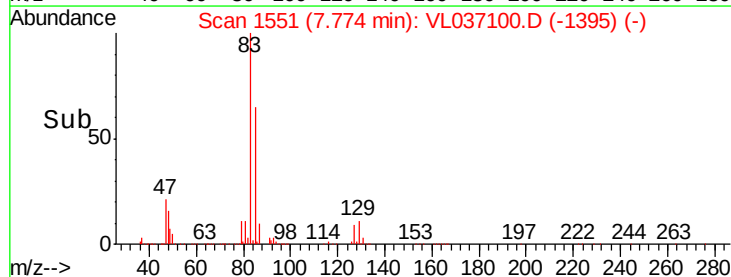
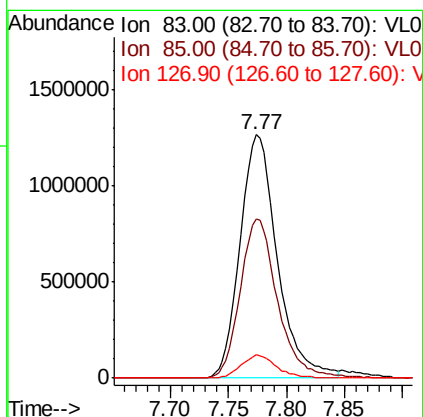
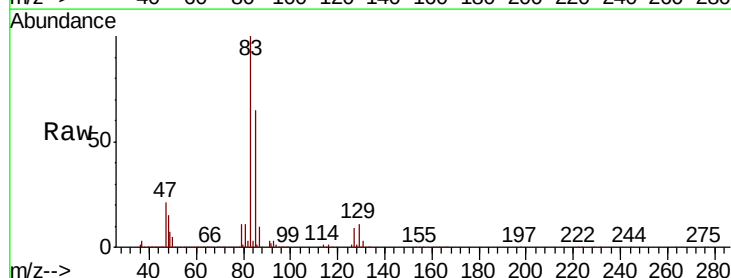
Instrument :
MSVOA_L
ClientSampled :

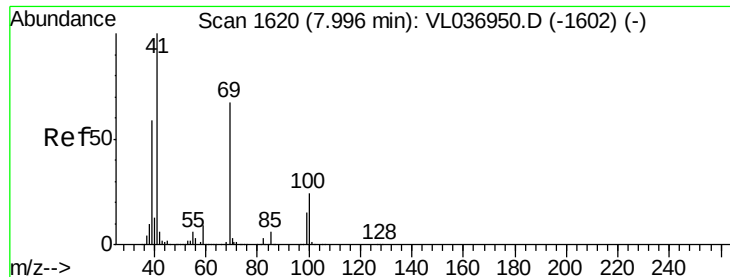
Tot Ion	Ratio	Lower	Upper
42	100		
72	41.5	31.4	47.2
71	40.0	30.4	45.6



#42
Bromodichloromethane
Concen: 10.087 ppbv
RT: 7.77 min Scan# 1551
Delta R.T. 0.00 min
Lab File: VL037100.D
Acq: 2 Jun 2021 13:16

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.3	51.7	77.5
127	9.4	6.9	10.3





#43

Methyl Methacrylate

Concen: 9.445 ppbv

RT: 8.00 min Scan# 1620

Delta R.T. -0.00 min

Lab File: VL037100.D

Acq: 2 Jun 2021 13:16

Instrument :

MSVOA_L

ClientSampleId :

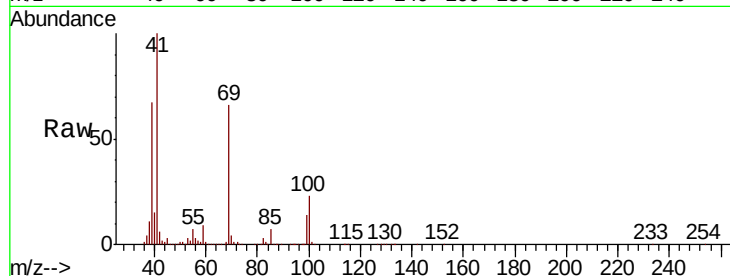
Tot Ion: 69 Resp: 1221469

Ion Ratio Lower Upper

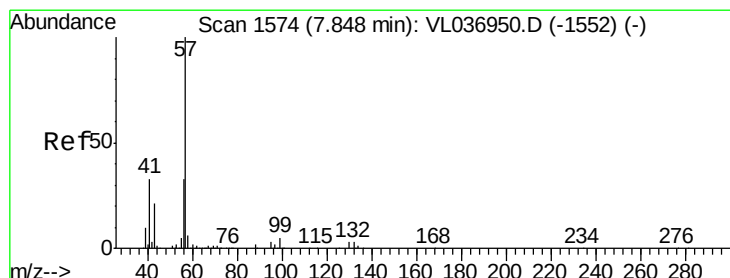
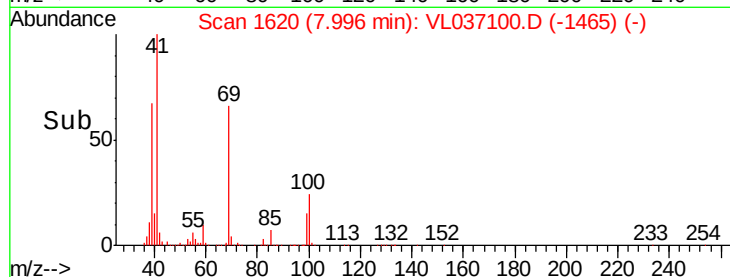
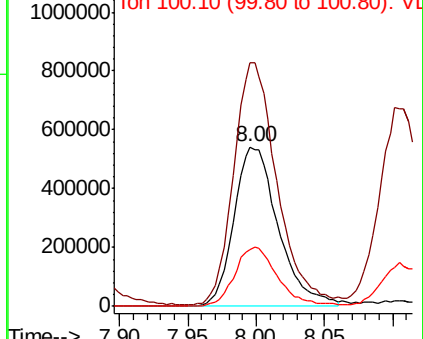
69 100

41 150.9 118.6 178.0

100 35.9 28.2 42.4



Abundance Ion 69.10 (68.80 to 69.80): VL0
Ion 41.10 (40.80 to 41.80): VL0
Ion 100.10 (99.80 to 100.80): VL0



#44

2,2,4-Trimethylpentane

Concen: 8.534 ppbv

RT: 7.85 min Scan# 1575

Delta R.T. 0.00 min

Lab File: VL037100.D

Acq: 2 Jun 2021 13:16

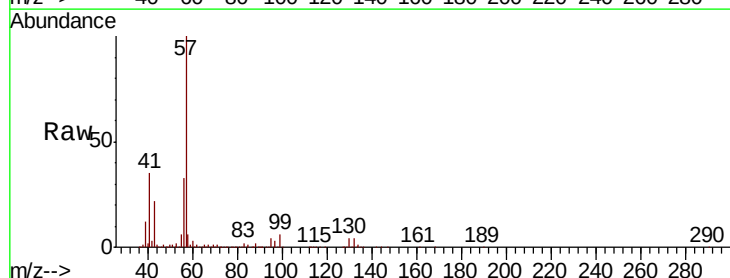
Tgt Ion: 57 Resp: 5494236

Ion Ratio Lower Upper

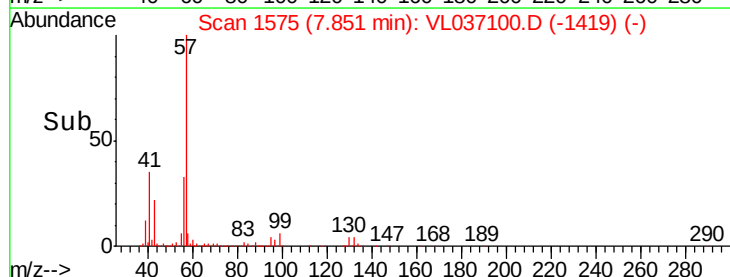
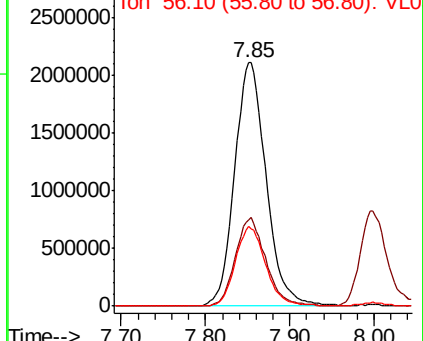
57 100

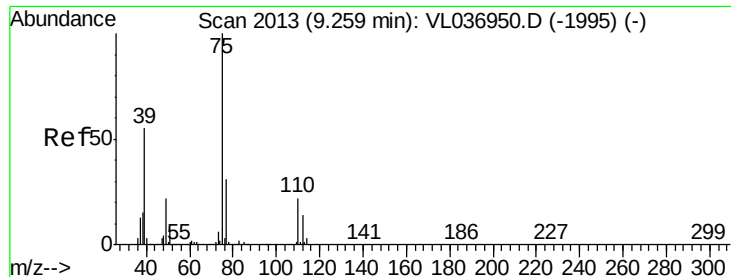
41 35.0 27.0 40.4

56 31.6 25.4 38.2



Abundance Ion 57.10 (56.80 to 57.80): VL0
Ion 41.10 (40.80 to 41.80): VL0
Ion 56.10 (55.80 to 56.80): VL0





#45

t-1,3-Dichloropropene

Concen: 11.682 ppbv

RT: 9.26 min Scan# 2013

Delta R.T. -0.00 min

Lab File: VL037100.D

Acq: 2 Jun 2021 13:16

Instrument :

MSVOA_L

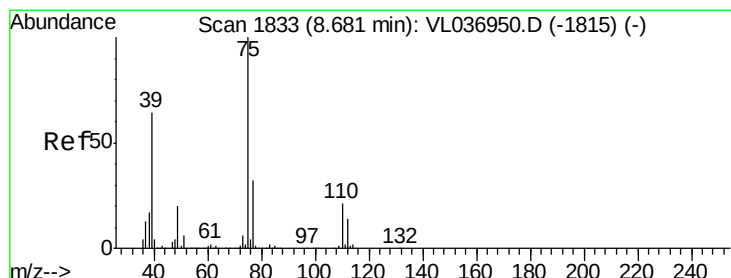
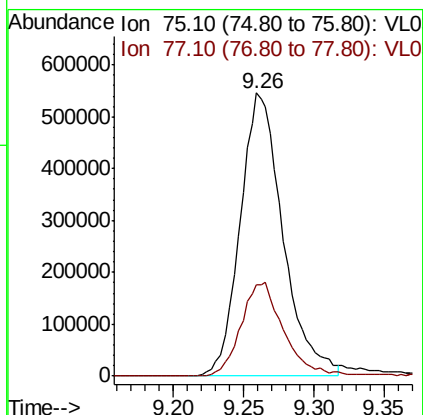
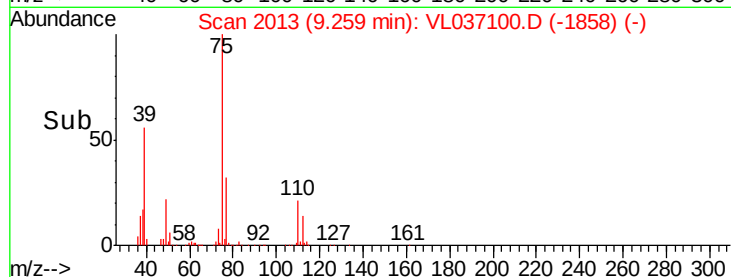
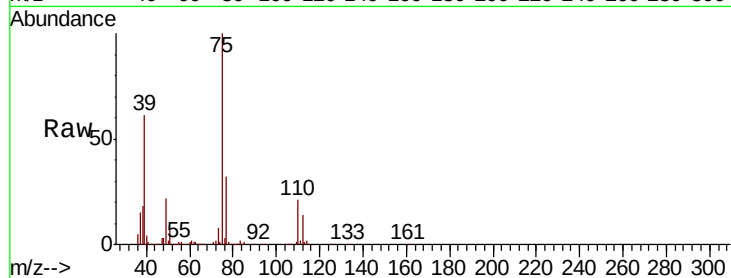
ClientSampleId :

Tot Ion: 75 Resp: 1154275

Ion Ratio Lower Upper

75 100

77 32.1 24.4 36.6



#46

cis-1,3-Dichloropropene

Concen: 11.087 ppbv

RT: 8.69 min Scan# 1835

Delta R.T. 0.01 min

Lab File: VL037100.D

Acq: 2 Jun 2021 13:16

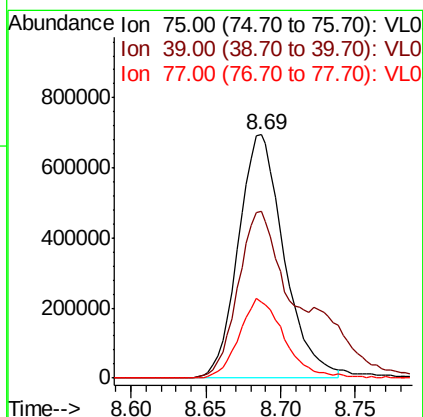
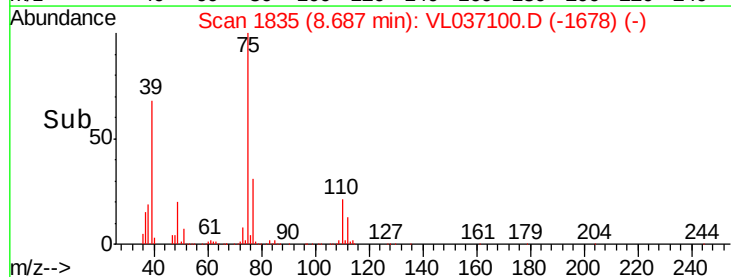
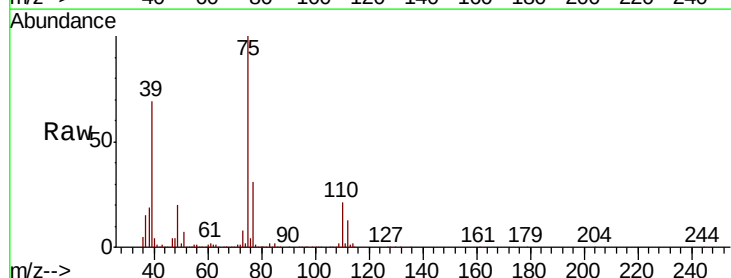
Tgt Ion: 75 Resp: 1473467

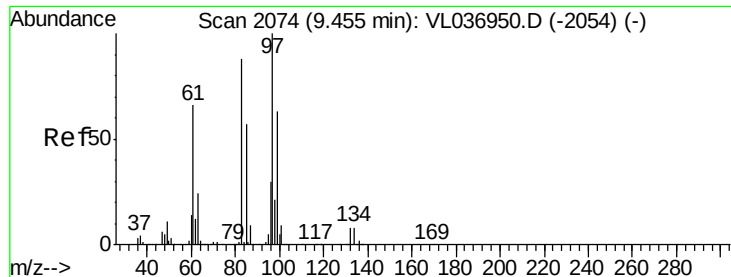
Ion Ratio Lower Upper

75 100

39 68.7 51.5 77.3

77 31.0 25.9 38.9



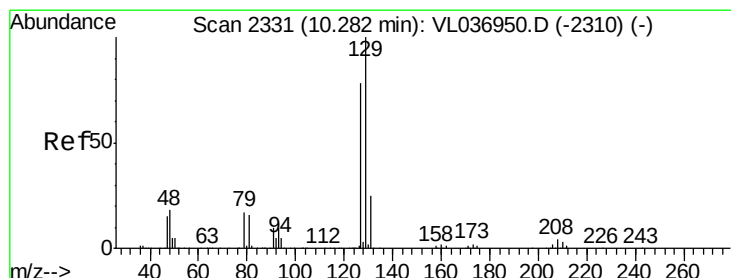
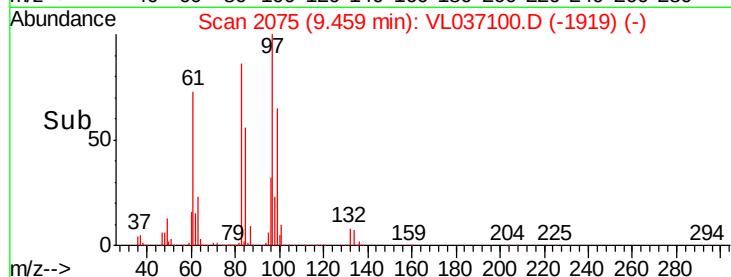
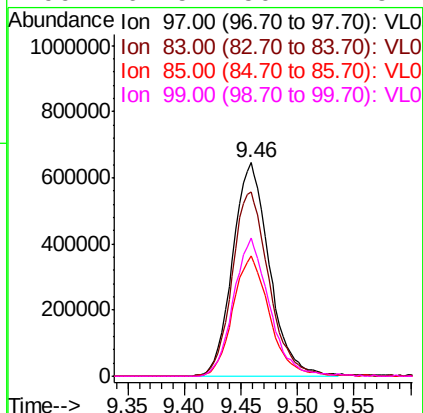
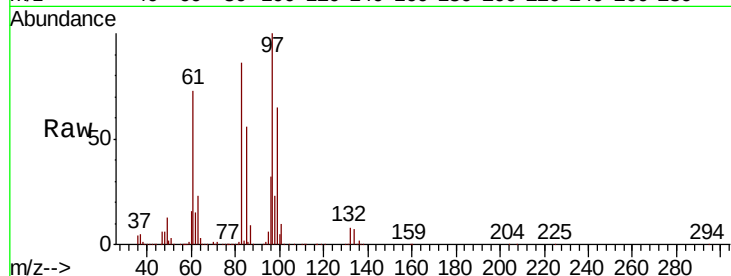


#47
 1,1,2-Trichloroethane
 Concen: 9.659 ppbv
 RT: 9.46 min Scan# 2075
 Delta R.T. 0.00 min
 Lab File: VL037100.D
 Acq: 2 Jun 2021 13:16

Instrument :
 MSVOA_L
 ClientSampleId :

Tot Ion: 97 Resp: 1461289

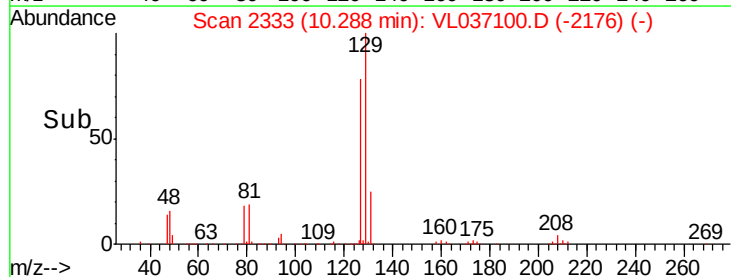
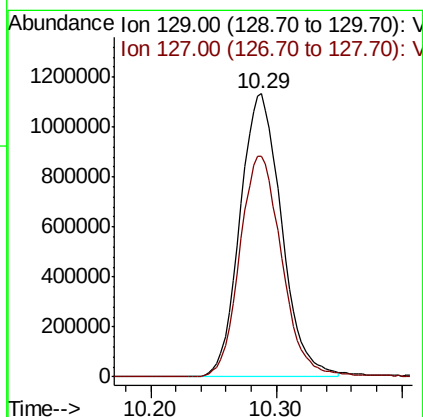
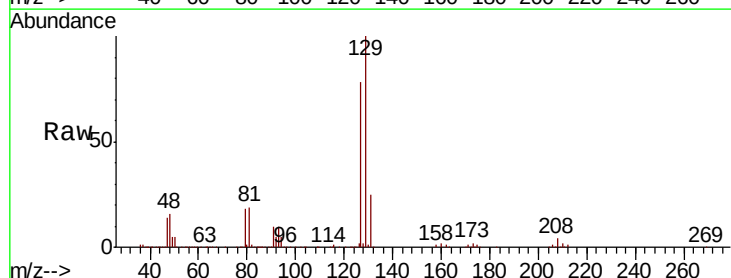
Ion	Ratio	Lower	Upper
97	100		
83	86.2	70.4	105.6
85	56.4	45.5	68.3
99	64.5	50.2	75.2

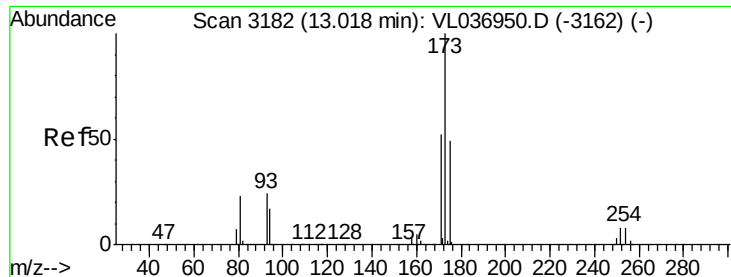


#48
 Dibromochloromethane
 Concen: 10.658 ppbv
 RT: 10.29 min Scan# 2333
 Delta R.T. 0.01 min
 Lab File: VL037100.D
 Acq: 2 Jun 2021 13:16

Tgt Ion: 129 Resp: 2610846

Ion	Ratio	Lower	Upper
129	100		
127	79.9	39.3	117.8





#49

Bromoform

Concen: 10.723 ppbv

RT: 13.02 min Scan# 3183

Delta R.T. 0.00 min

Lab File: VL037100.D

Acq: 2 Jun 2021 13:16

Instrument :

MSVOA_L

ClientSampleId :

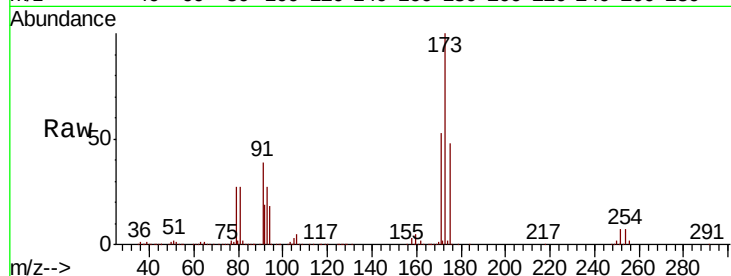
Tot Ion:173 Resp: 2169203

Ion Ratio Lower Upper

173 100

175 50.2 40.4 60.6

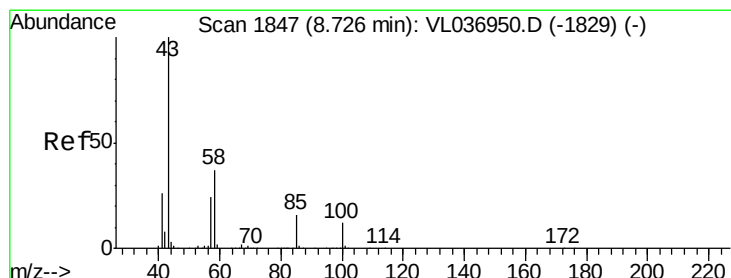
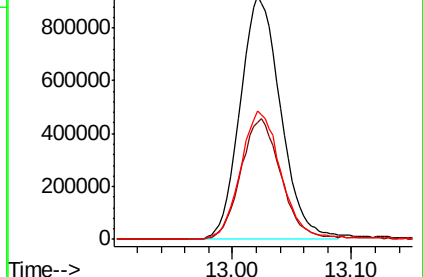
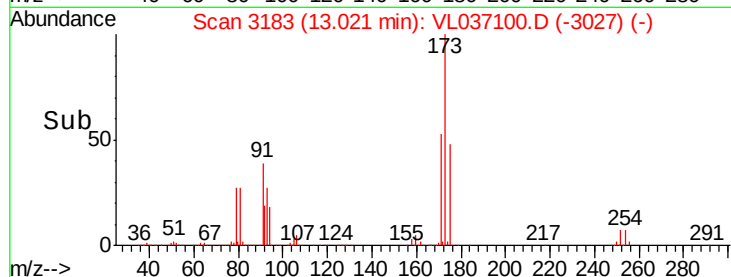
171 53.3 42.6 64.0



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: 9.229 ppbv

RT: 8.73 min Scan# 1848

Delta R.T. 0.00 min

Lab File: VL037100.D

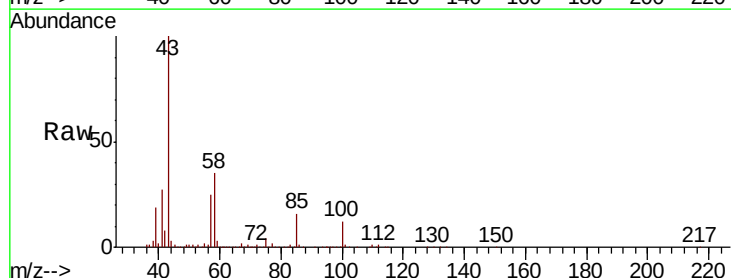
Acq: 2 Jun 2021 13:16

Tgt Ion: 43 Resp: 2415626

Ion Ratio Lower Upper

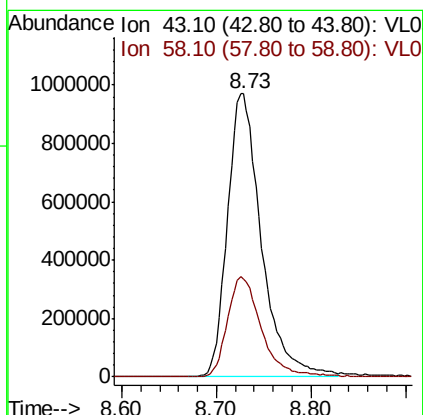
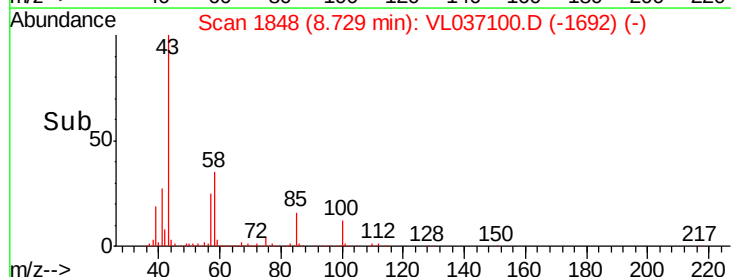
43 100

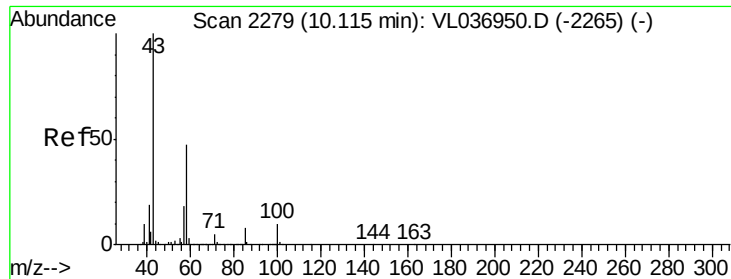
58 35.7 29.4 44.2



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

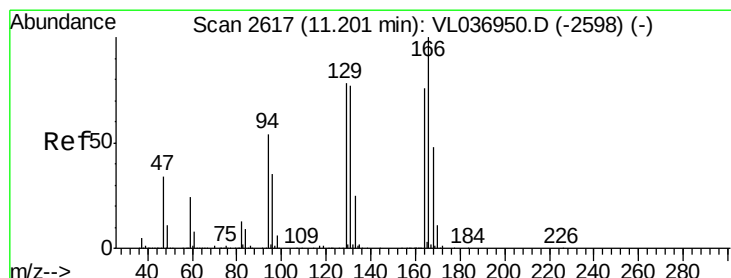
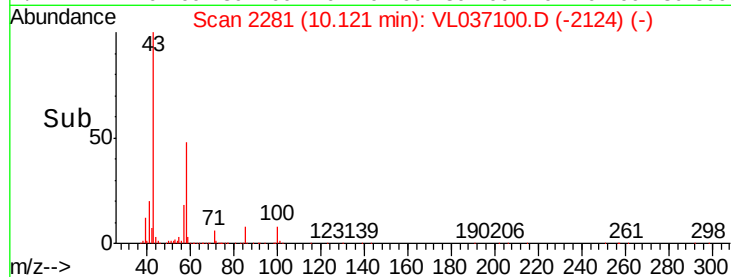
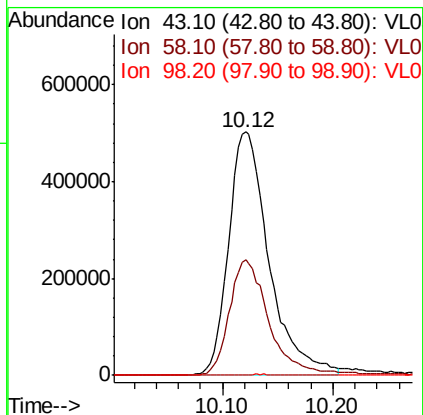
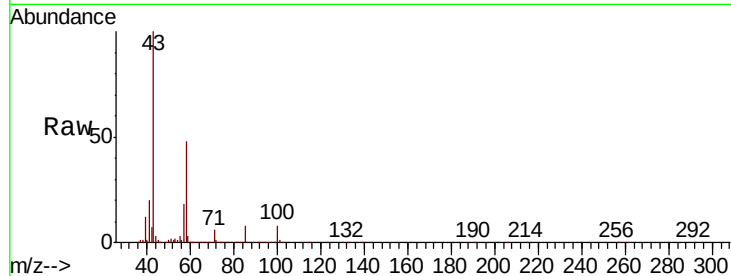




#51
2-Hexanone
Concen: 9.213 ppbv
RT: 10.12 min Scan# 2281
Delta R.T. 0.01 min
Lab File: VL037100.D
Acq: 2 Jun 2021 13:16

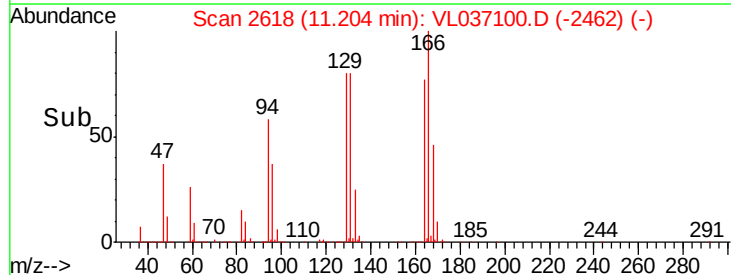
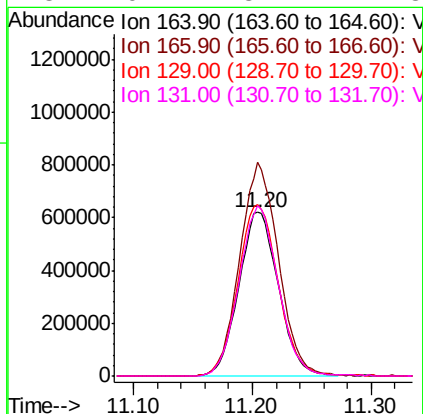
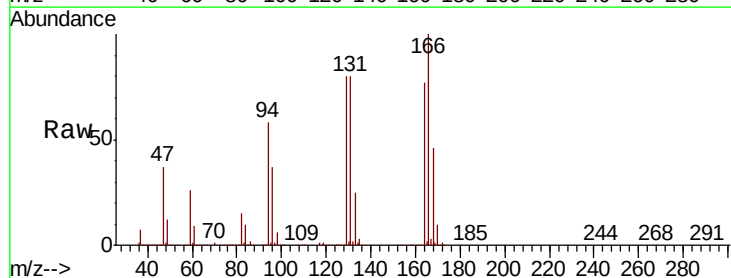
Instrument :
MSVOA_L
ClientSampleId :

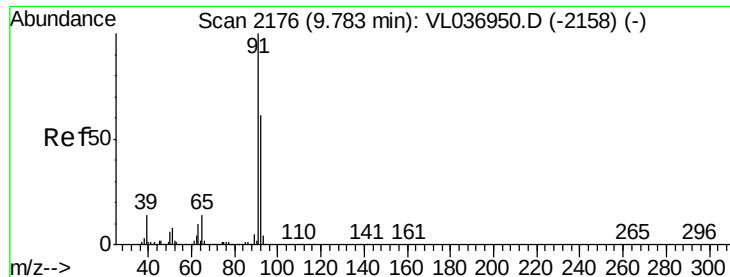
Tot Ion: 43 Resp: 1274913
Ion Ratio Lower Upper
43 100
58 47.8 41.1 61.7
98 0.4 0.1 0.1#



#52
Tetrachloroethene
Concen: 9.582 ppbv
RT: 11.20 min Scan# 2618
Delta R.T. 0.00 min
Lab File: VL037100.D
Acq: 2 Jun 2021 13:16

Tgt Ion: 164 Resp: 1429826
Ion Ratio Lower Upper
164 100
166 130.5 105.5 158.3
129 104.9 81.8 122.8
131 104.1 81.2 121.8





#53

Toluene

Concen: 9.064 ppbv

RT: 9.79 min Scan# 2178

Delta R.T. 0.01 min

Lab File: VL037100.D

Acq: 2 Jun 2021 13:16

Instrument :

MSVOA_L

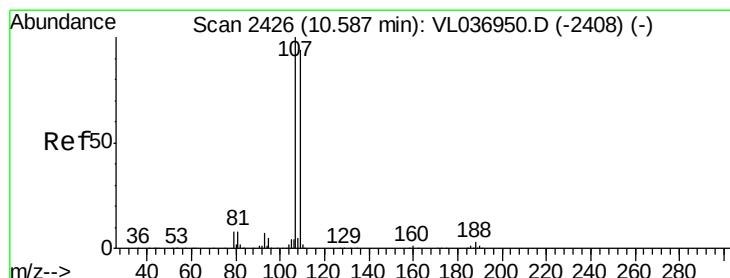
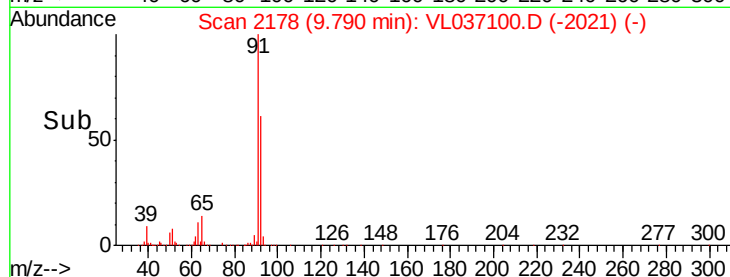
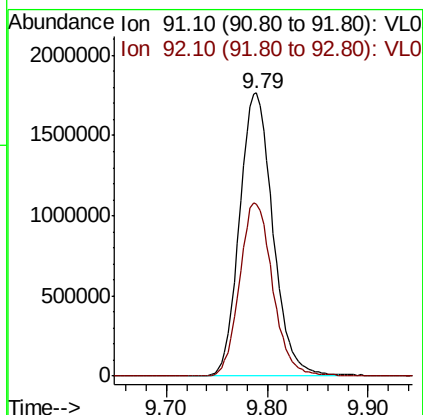
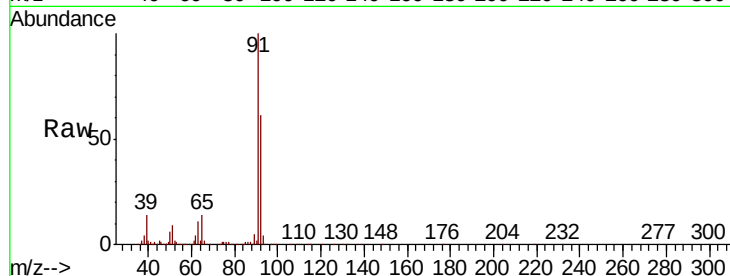
ClientSampleId :

Tot Ion: 91 Resp: 4046905

Ion Ratio Lower Upper

91 100

92 61.1 49.5 74.3



#54

1,2-Dibromoethane

Concen: 10.278 ppbv

RT: 10.59 min Scan# 2428

Delta R.T. 0.01 min

Lab File: VL037100.D

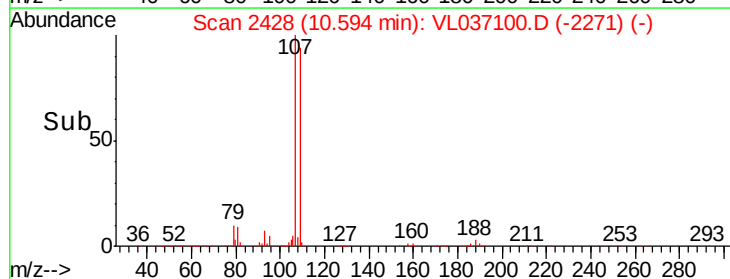
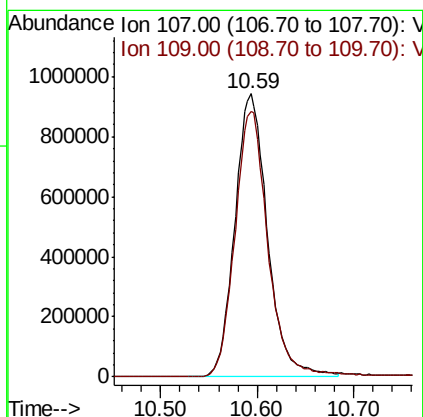
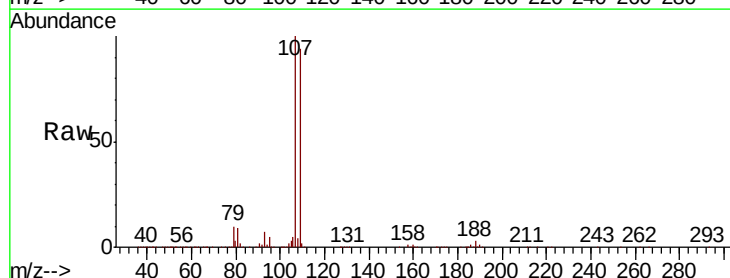
Acq: 2 Jun 2021 13:16

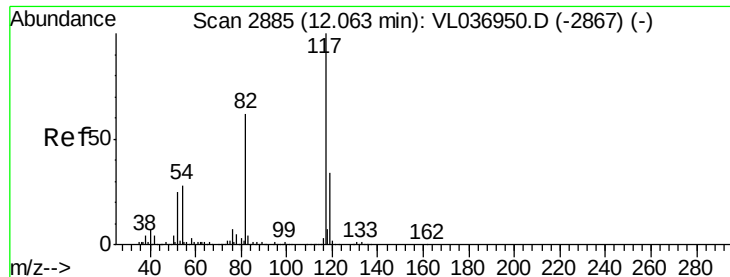
Tgt Ion: 107 Resp: 2210786

Ion Ratio Lower Upper

107 100

109 93.8 75.0 112.4

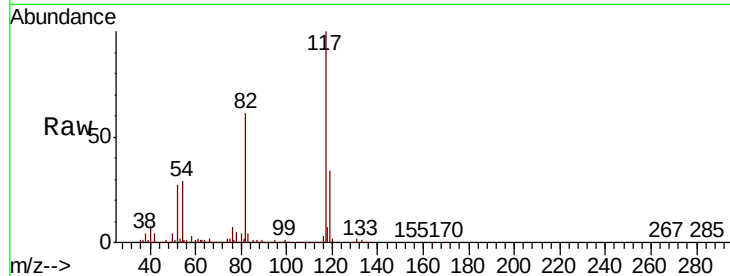




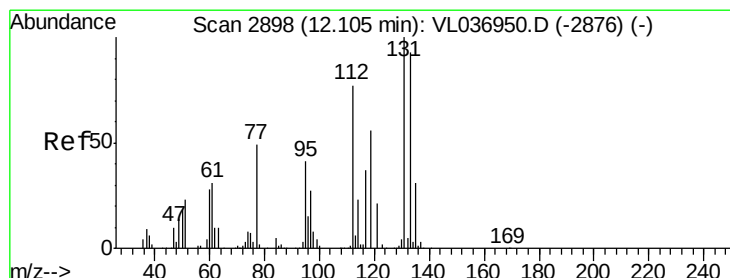
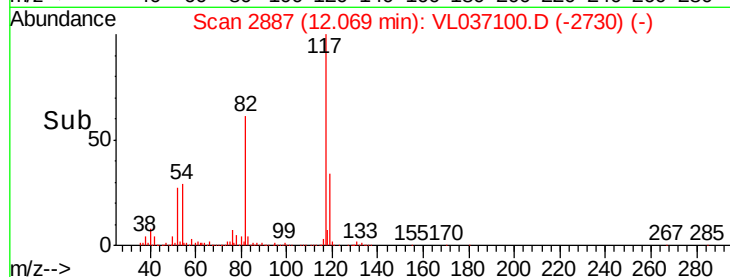
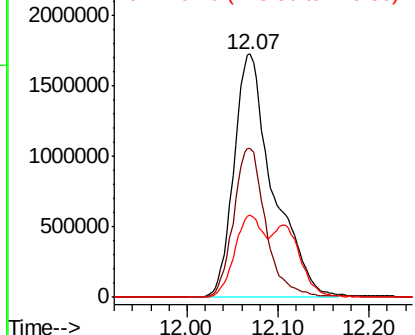
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.07 min Scan# 2887
Delta R.T. 0.01 min
Lab File: VL037100.D
Acq: 2 Jun 2021 13:16

Instrument :
MSVOA_L
ClientSampleId :

Tot Ion:117 Resp: 5149600
Ion Ratio Lower Upper
117 100
82 51.0 52.6 79.0#
119 25.5 46.6 70.0#

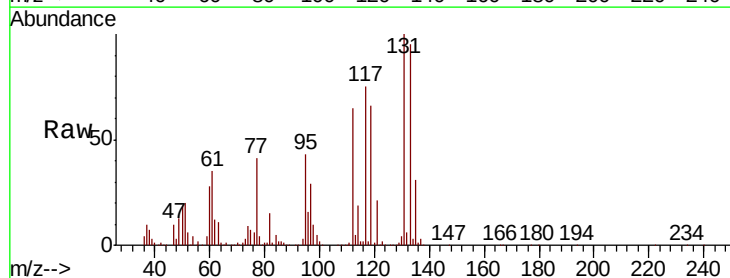


Abundance Ion 117.10 (116.80 to 117.80): V
Ion 82.10 (81.80 to 82.80): VL0
Ion 119.10 (118.80 to 119.80): V

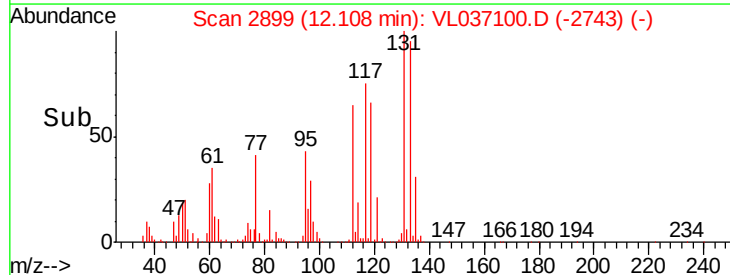
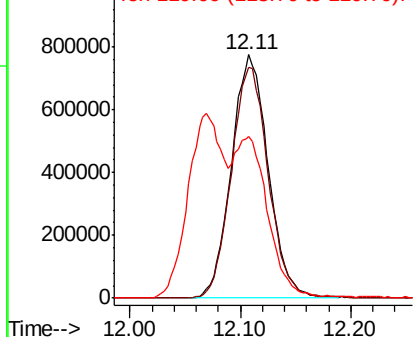


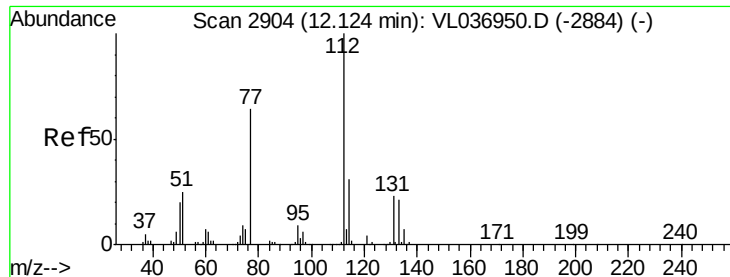
#56
1,1,1,2-Tetrachloroethane
Concen: 8.225 ppbv
RT: 12.11 min Scan# 2899
Delta R.T. 0.00 min
Lab File: VL037100.D
Acq: 2 Jun 2021 13:16

Tgt Ion:131 Resp: 1782211
Ion Ratio Lower Upper
131 100
133 96.5 76.9 115.3
119 58.6 120.2 180.4#



Abundance Ion 131.00 (130.70 to 131.70): V
Ion 133.00 (132.70 to 133.70): V
Ion 119.00 (118.70 to 119.70): V

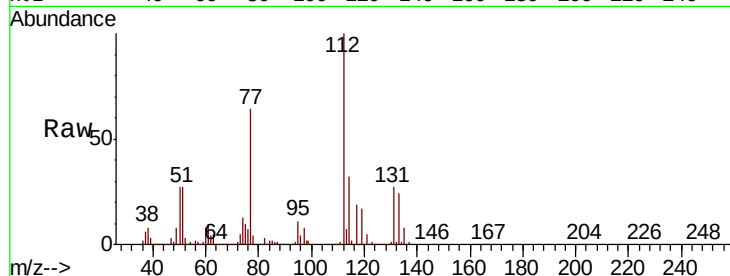




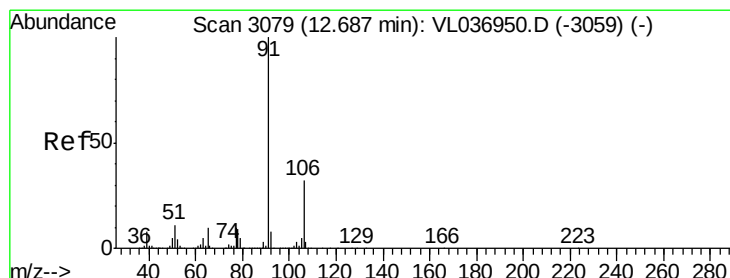
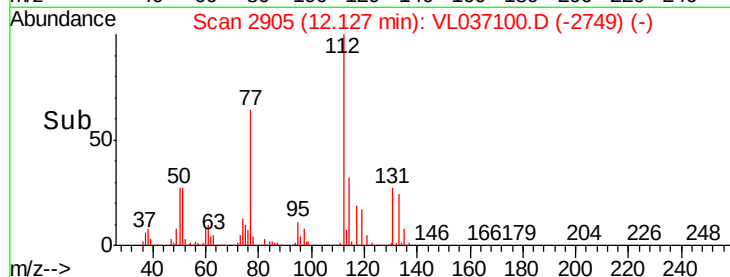
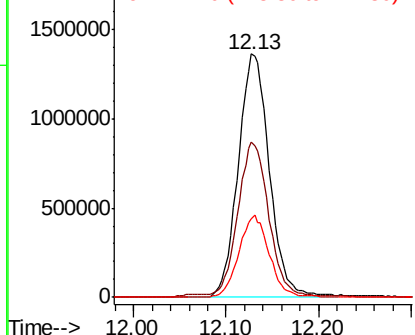
#57
Chlorobenzene
Concen: 7.962 ppbv
RT: 12.13 min Scan# 2905
Delta R.T. 0.00 min
Lab File: VL037100.D
Acq: 2 Jun 2021 13:16

Instrument :
MSVOA_L
ClientSampleId :

Tot Ion:112 Resp: 3178955
Ion Ratio Lower Upper
112 100
77 63.3 51.0 76.6
114 32.1 28.3 34.5

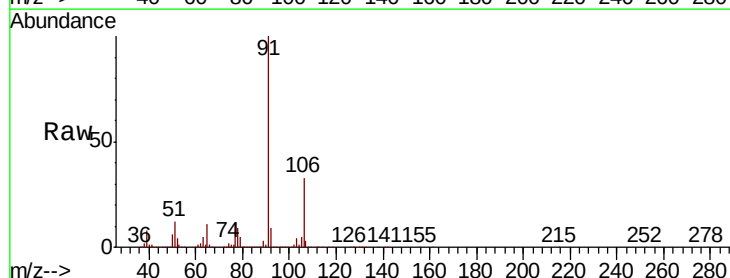


Abundance Ion 112.10 (111.80 to 112.80): V
Ion 77.10 (76.80 to 77.80): VL0
Ion 114.10 (113.80 to 114.80): V

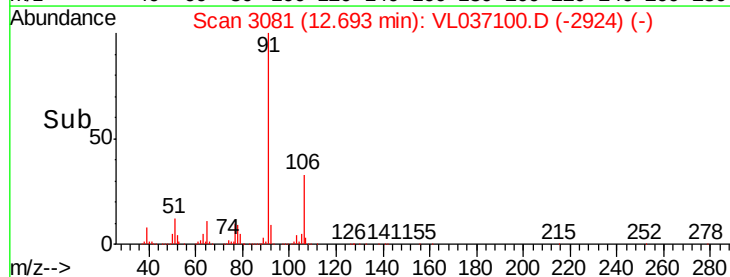
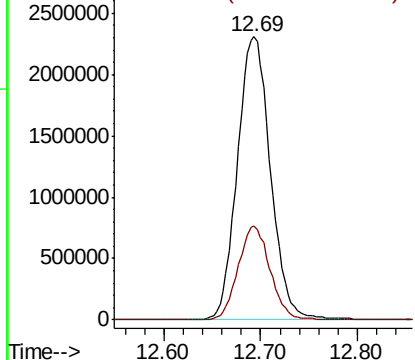


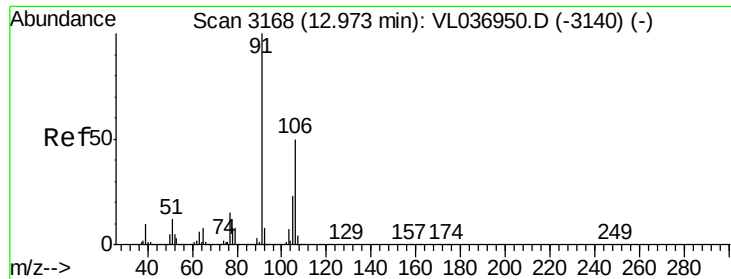
#58
Ethyl Benzene
Concen: 7.551 ppbv
RT: 12.69 min Scan# 3081
Delta R.T. 0.01 min
Lab File: VL037100.D
Acq: 2 Jun 2021 13:16

Tgt Ion: 91 Resp: 5488192
Ion Ratio Lower Upper
91 100
106 33.2 25.6 38.4



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





#59

m/p-Xylene

Concen: 8.232 ppbv

RT: 12.98 min Scan# 3171

Delta R.T. 0.01 min

Lab File: VL037100.D

Acq: 2 Jun 2021 13:16

Instrument :

MSVOA_L

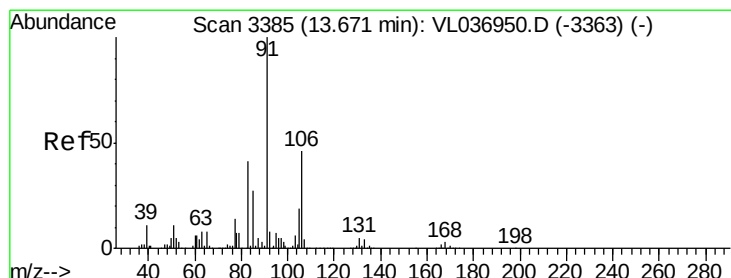
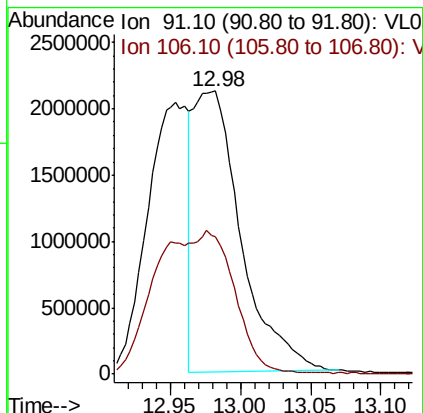
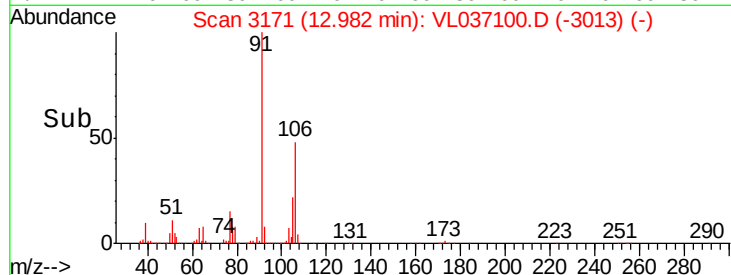
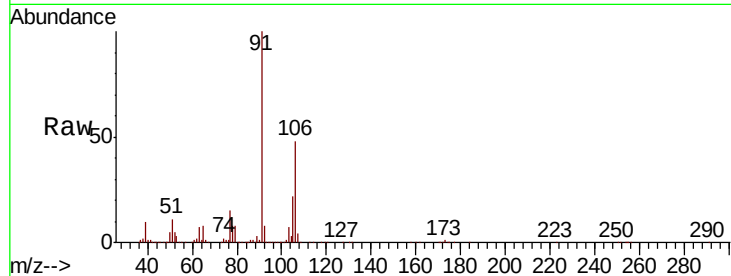
ClientSampled :

Tot Ion: 91 Resp: 4945873

Ion Ratio Lower Upper

91 100

106 85.7 37.4 56.2#



#60

o-Xylene

Concen: 7.684 ppbv

RT: 13.67 min Scan# 3386

Delta R.T. 0.00 min

Lab File: VL037100.D

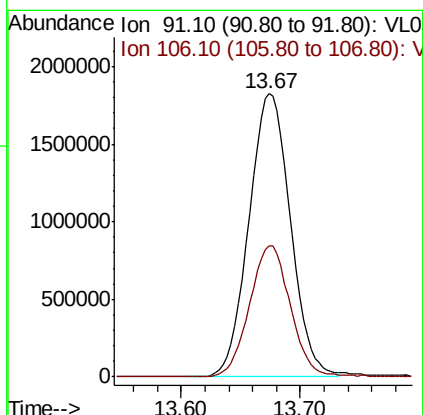
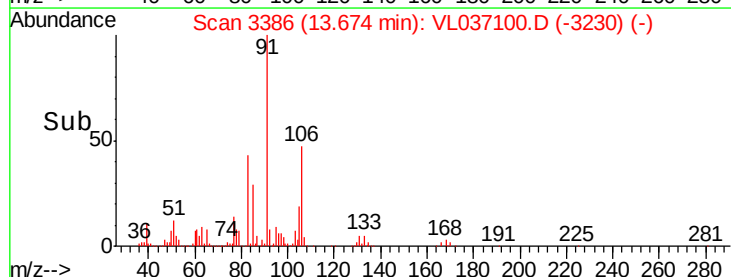
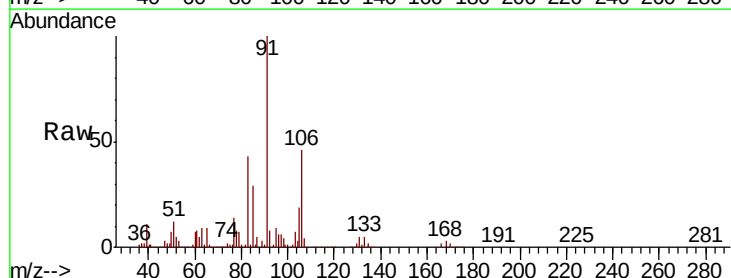
Acq: 2 Jun 2021 13:16

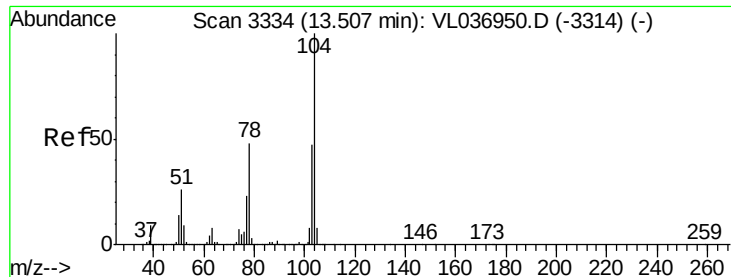
Tgt Ion: 91 Resp: 4402990

Ion Ratio Lower Upper

91 100

106 46.1 23.4 70.3





#61

Stvrene

Concen: 7.940 ppbv

RT: 13.51 min Scan# 3335

Delta R.T. 0.00 min

Lab File: VL037100.D

Acq: 2 Jun 2021 13:16

Instrument :

MSVOA_L

ClientSampleId :

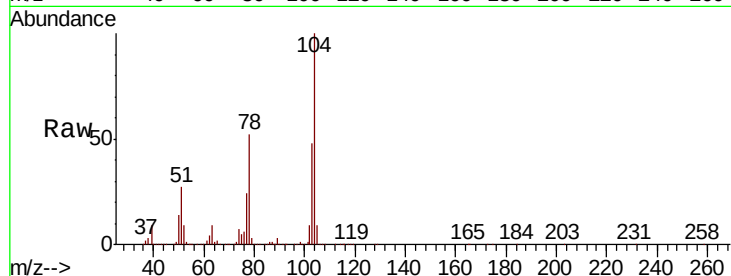
Tot Ion:104 Resp: 2563089

Ion Ratio Lower Upper

104 100

78 51.6 39.0 58.6

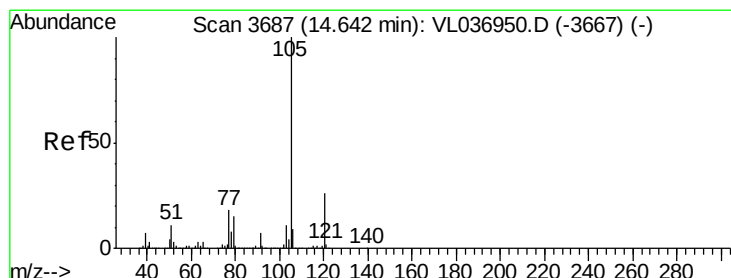
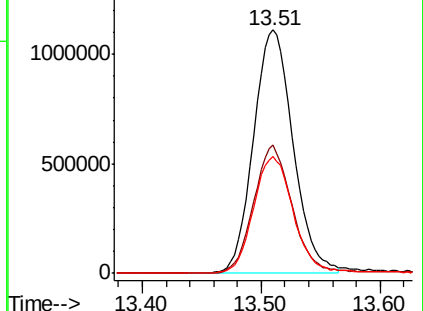
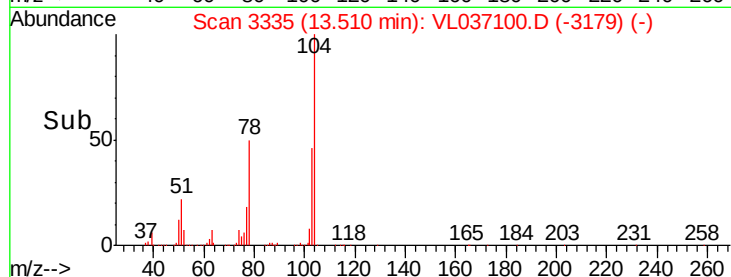
103 48.6 38.0 57.0



Abundance Ion 104.10 (103.80 to 104.80): V

1500000 Ion 78.10 (77.80 to 78.80): VL0

Ion 103.10 (102.80 to 103.80): V



#62

Isopropylbenzene

Concen: 7.544 ppbv

RT: 14.65 min Scan# 3690

Delta R.T. 0.01 min

Lab File: VL037100.D

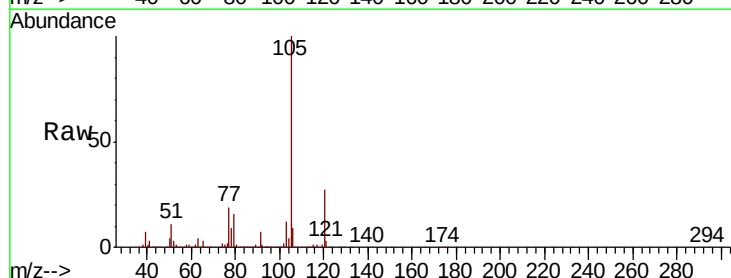
Acq: 2 Jun 2021 13:16

Tgt Ion:105 Resp: 6212635

Ion Ratio Lower Upper

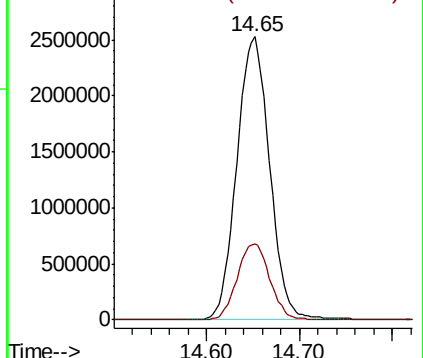
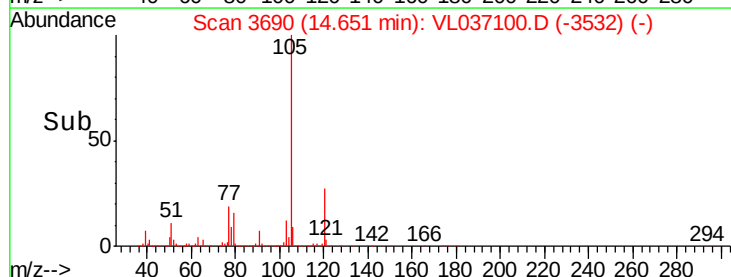
105 100

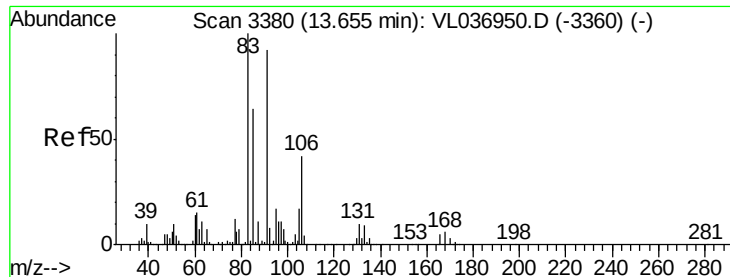
120 27.0 21.7 32.5



Abundance Ion 105.10 (104.80 to 105.80): V

3000000 Ion 120.20 (119.90 to 120.90): V





#63

1,1,2,2-Tetrachloroethane

Concen: 6.998 ppbv

RT: 13.66 min Scan# 3382

Delta R.T. 0.01 min

Lab File: VL037100.D

Acq: 2 Jun 2021 13:16

Instrument :

MSVOA_L

ClientSampleId :

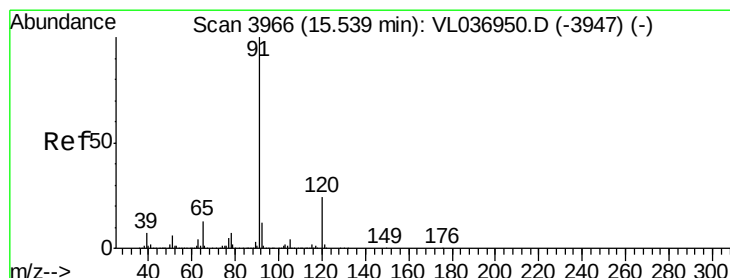
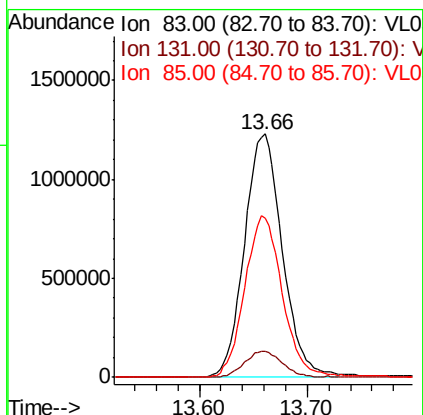
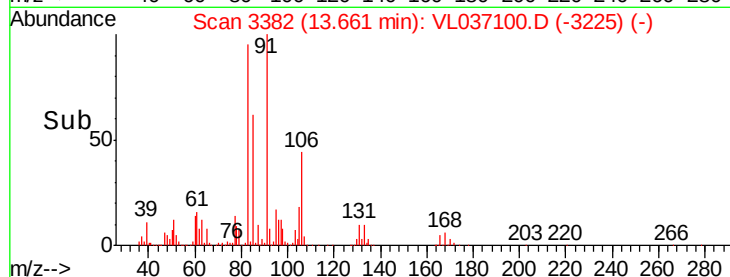
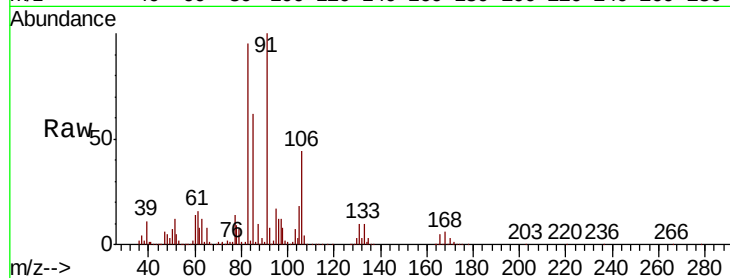
Tot Ion: 83 Resp: 2994624

Ion Ratio Lower Upper

83 100

131 11.0 5.0 15.0

85 66.5 32.9 98.6



#64

n-propylbenzene

Concen: 7.925 ppbv

RT: 15.54 min Scan# 3967

Delta R.T. 0.00 min

Lab File: VL037100.D

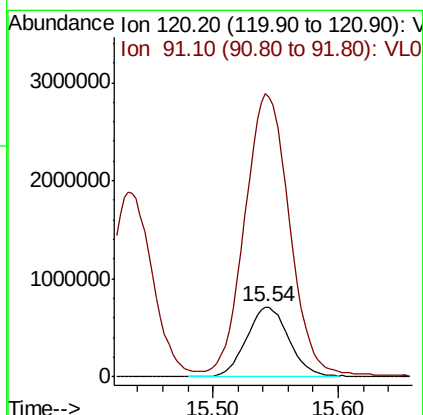
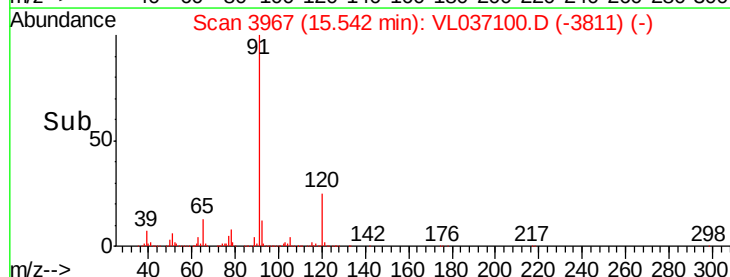
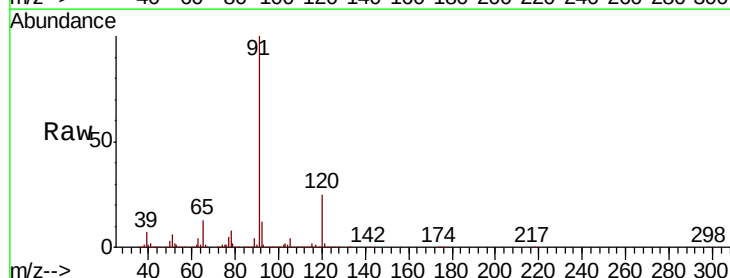
Acq: 2 Jun 2021 13:16

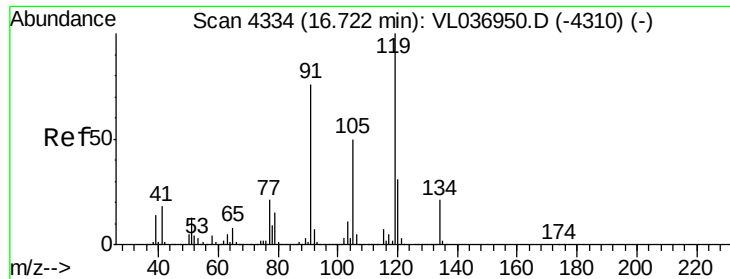
Tgt Ion:120 Resp: 1683856

Ion Ratio Lower Upper

120 100

91 430.0 343.8 515.6

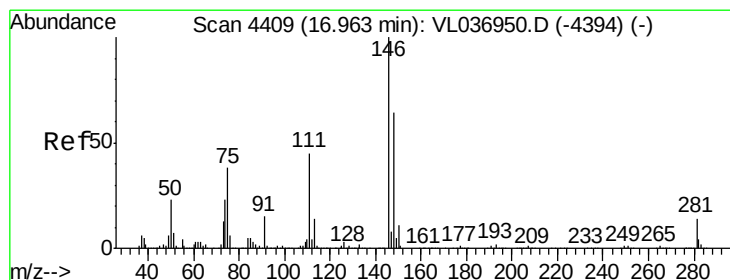
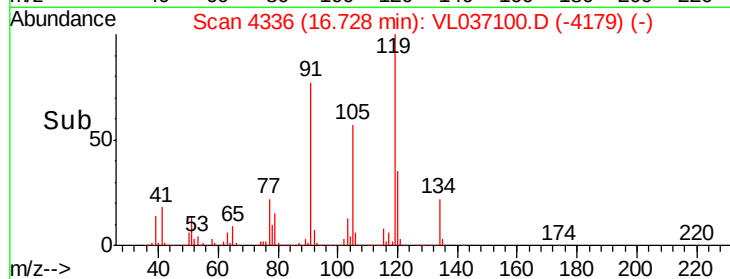
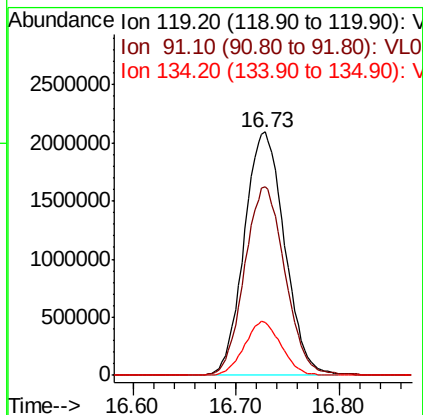
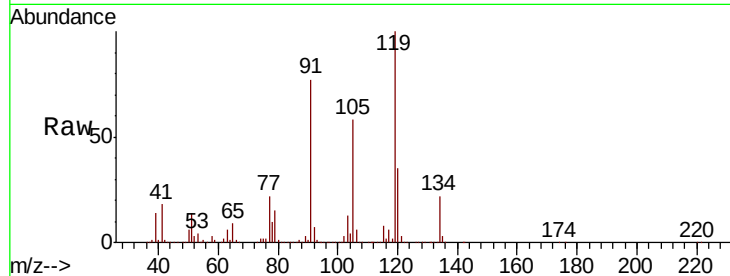




#65
tert-Butylbenzene
Concen: 7.653 ppbv
RT: 16.73 min Scan# 4336
Delta R.T. 0.01 min
Lab File: VL037100.D
Acq: 2 Jun 2021 13:16

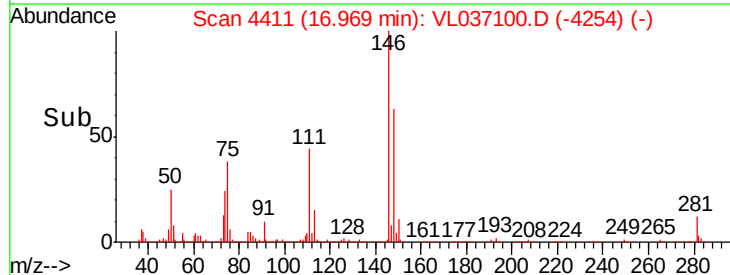
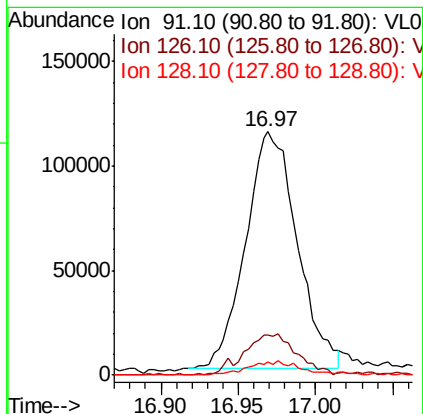
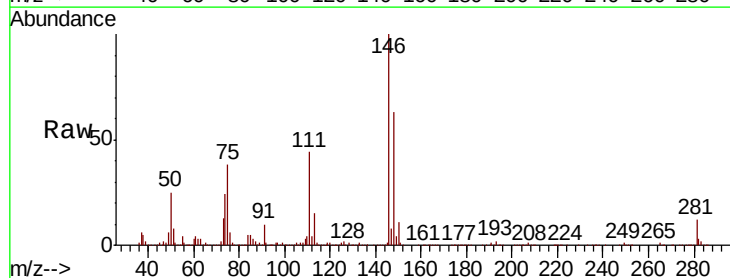
Instrument :
MSVOA_L
ClientSampleId :

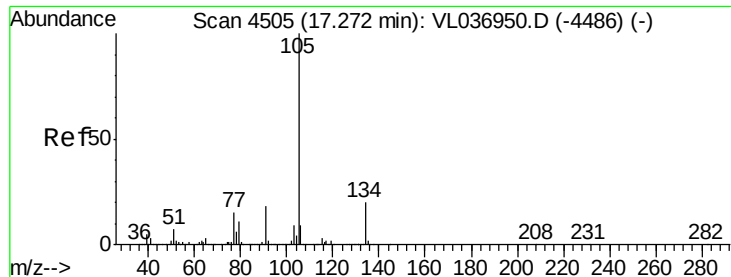
Tot Ion:119 Resp: 5686852
Ion Ratio Lower Upper
119 100
91 78.0 61.9 92.9
134 20.2 16.2 24.4



#66
Benzyl Chloride
Concen: 6.363 ppbv
RT: 16.97 min Scan# 4411
Delta R.T. 0.01 min
Lab File: VL037100.D
Acq: 2 Jun 2021 13:16

Tgt Ion: 91 Resp: 262347
Ion Ratio Lower Upper
91 100
126 18.3 16.5 24.7
128 6.4 5.5 8.3





#67

sec-Butylbenzene

Concen: 7.431 ppbv

RT: 17.28 min Scan# 4507

Delta R.T. 0.01 min

Lab File: VL037100.D

Acq: 2 Jun 2021 13:16

Instrument :

MSVOA_L

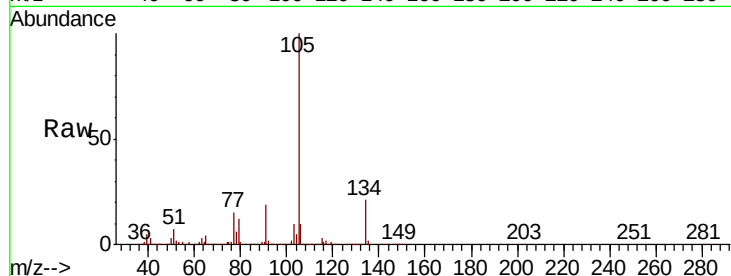
ClientSampleId :

Tot Ion:105 Resp: 7533023

Ion Ratio Lower Upper

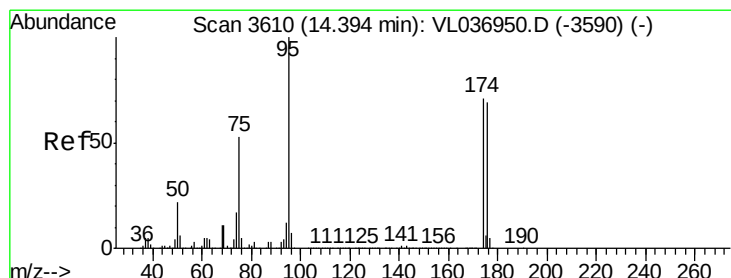
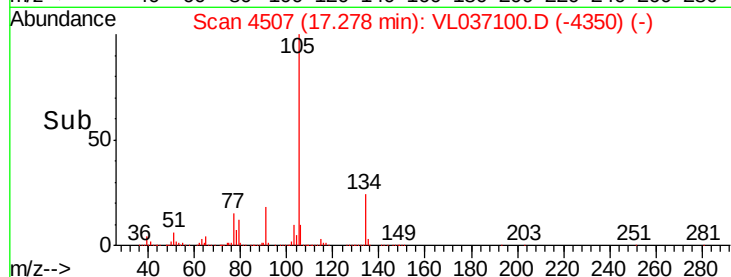
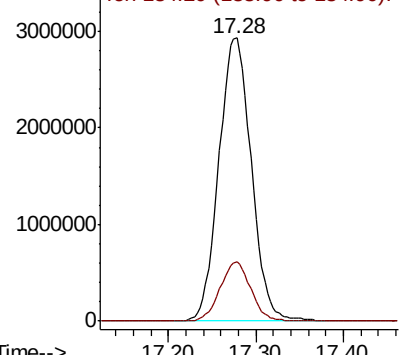
105 100

134 19.9 15.6 23.4



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 134.20 (133.90 to 134.90): V



#68

1-Bromo-4-Fluorobenzene

Concen: 8.269 ppbv

RT: 14.40 min Scan# 3611

Delta R.T. 0.00 min

Lab File: VL037100.D

Acq: 2 Jun 2021 13:16

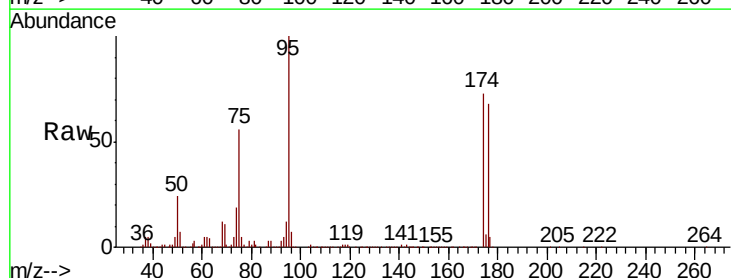
Tgt Ion: 95 Resp: 3198978

Ion Ratio Lower Upper

95 100

174 73.0 58.4 87.6

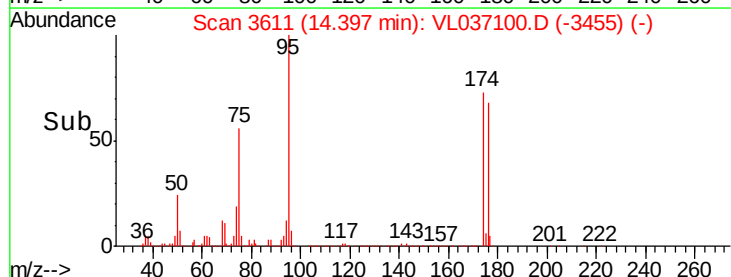
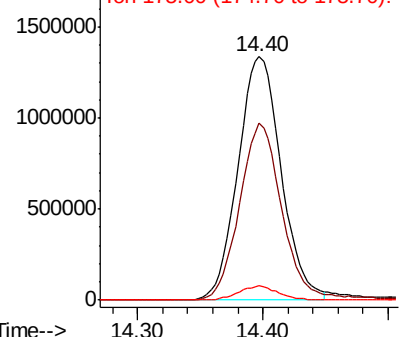
175 5.4 4.4 6.6

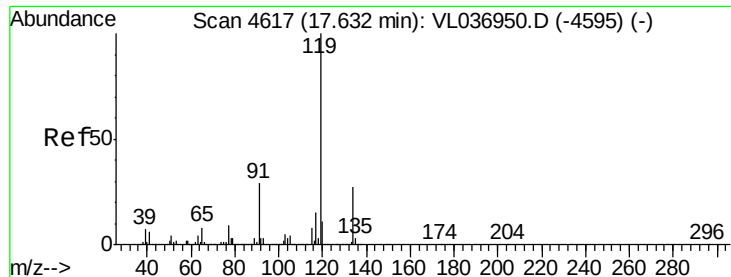


Abundance Ion 95.10 (94.80 to 95.80): VL0

Ion 174.00 (173.70 to 174.70): V

Ion 175.00 (174.70 to 175.70): V

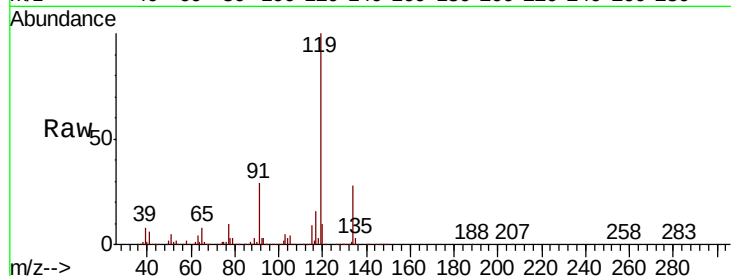




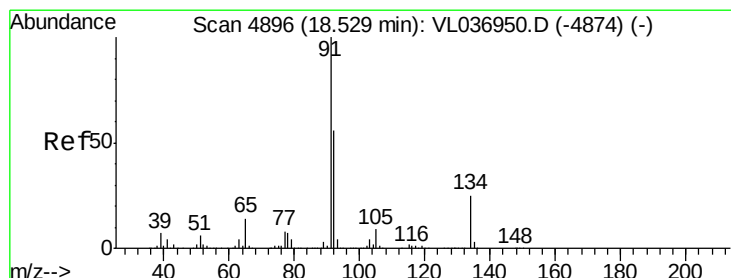
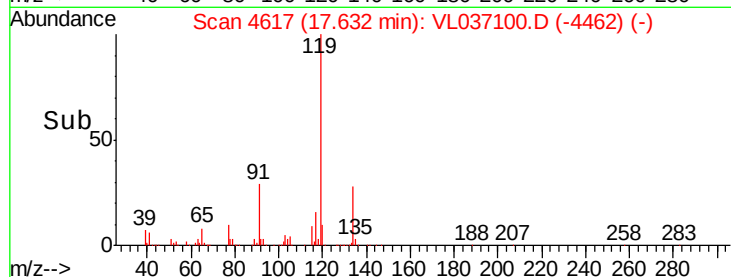
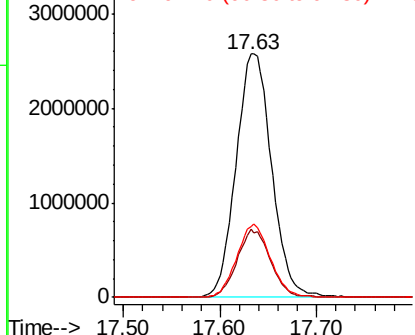
#69
 p-Isopropyltoluene
 Concen: 7.540 ppbv
 RT: 17.63 min Scan# 4617
 Delta R.T. -0.00 min
 Lab File: VL037100.D
 Acq: 2 Jun 2021 13:16

Instrument :
 MSVOA_L
 ClientSampleId :

Tot Ion:119 Resp: 6571894
 Ion Ratio Lower Upper
 119 100
 134 26.3 21.2 31.8
 91 28.2 22.2 33.4

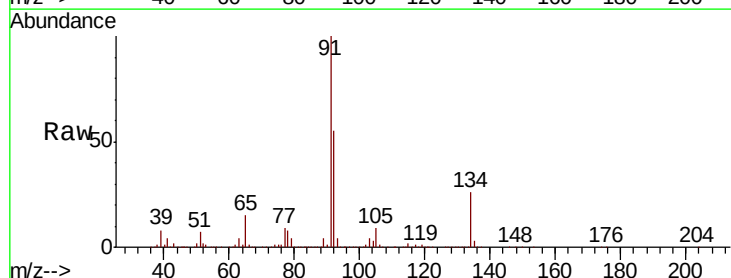


Abundance Ion 119.10 (118.80 to 119.80): V
 Ion 134.20 (133.90 to 134.90): V
 Ion 91.10 (90.80 to 91.80): V

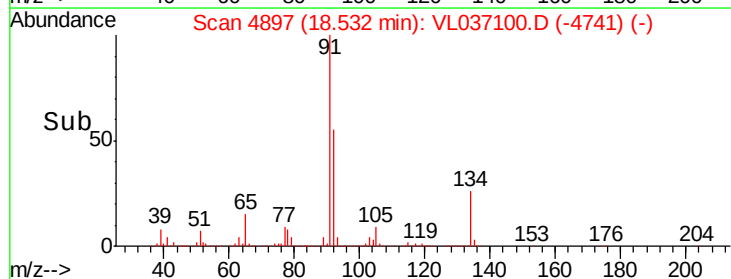
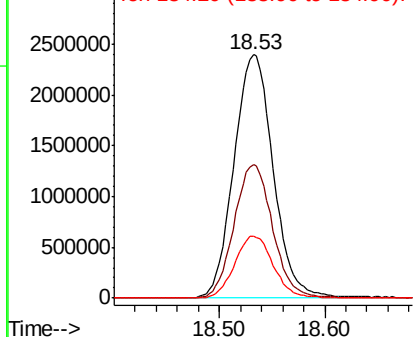


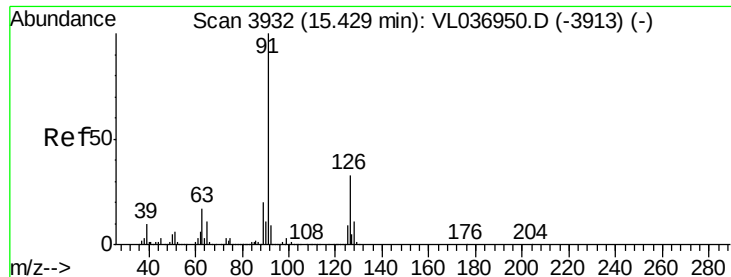
#70
 n-Butylbenzene
 Concen: 7.470 ppbv
 RT: 18.53 min Scan# 4897
 Delta R.T. 0.00 min
 Lab File: VL037100.D
 Acq: 2 Jun 2021 13:16

Tgt Ion: 91 Resp: 6185153
 Ion Ratio Lower Upper
 91 100
 92 54.3 44.6 66.8
 134 25.4 20.2 30.2



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

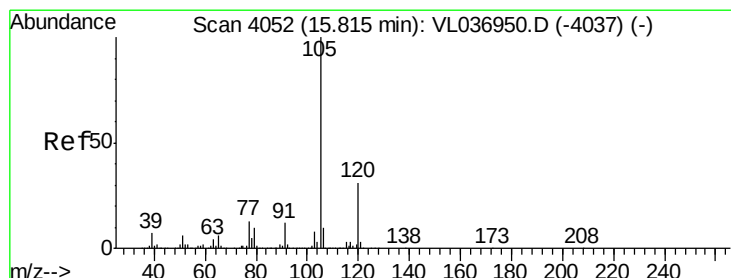
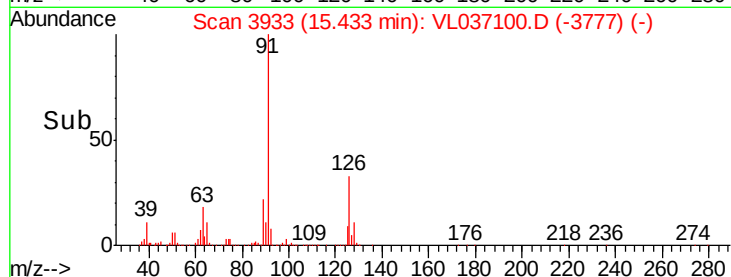
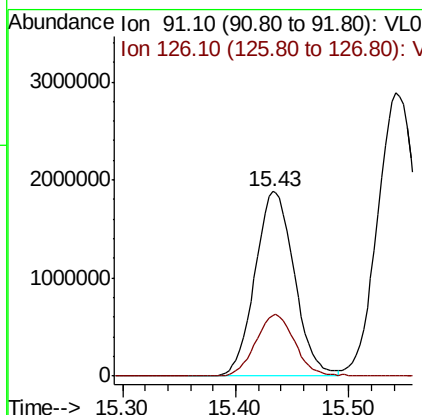
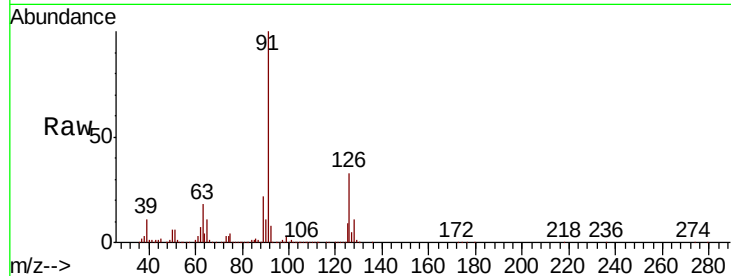




#71
 2-Chlorotoluene
 Concen: 7.641 ppbv
 RT: 15.43 min Scan# 3933
 Delta R.T. 0.00 min
 Lab File: VL037100.D
 Acq: 2 Jun 2021 13:16

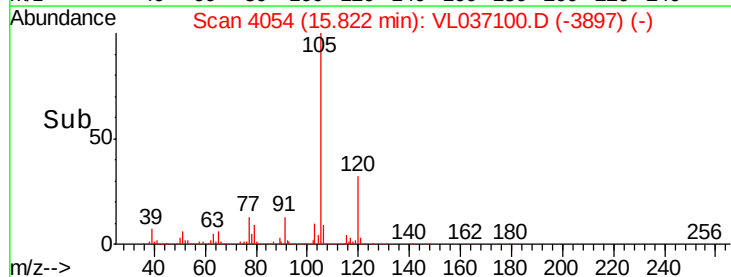
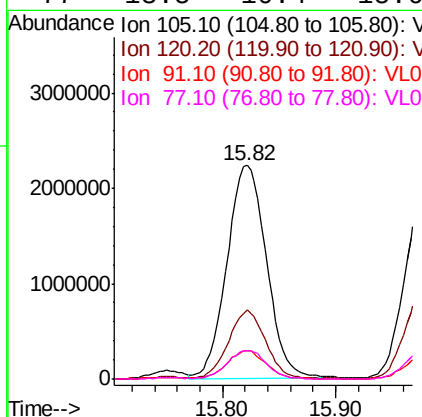
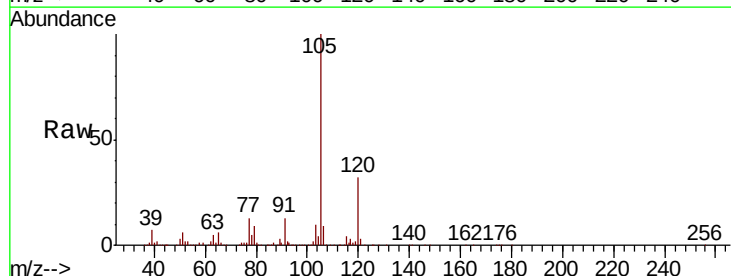
Instrument :
 MSVOA_L
 ClientSampleId :

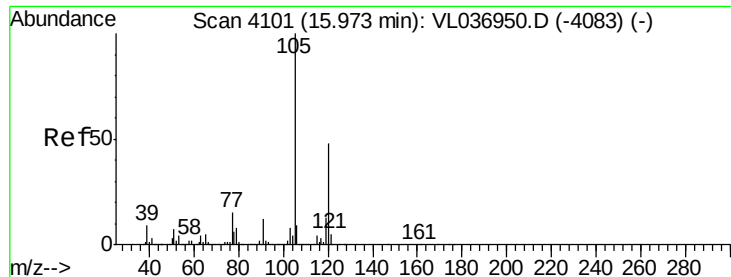
Tot Ion: 91 Resp: 4544388
 Ion Ratio Lower Upper
 91 100
 126 33.5 13.1 52.5



#72
 4-Ethyltoluene
 Concen: 7.955 ppbv
 RT: 15.82 min Scan# 4054
 Delta R.T. 0.01 min
 Lab File: VL037100.D
 Acq: 2 Jun 2021 13:16

Tgt Ion: 105 Resp: 5410069
 Ion Ratio Lower Upper
 105 100
 120 30.8 24.6 37.0
 91 12.8 9.8 14.6
 77 13.5 10.4 15.6





#73

1,3,5-Trimethylbenzene

Concen: 7.666 ppbv

RT: 15.98 min Scan# 4104

Delta R.T. 0.01 min

Lab File: VL037100.D

Acq: 2 Jun 2021 13:16

Instrument :

MSVOA_L

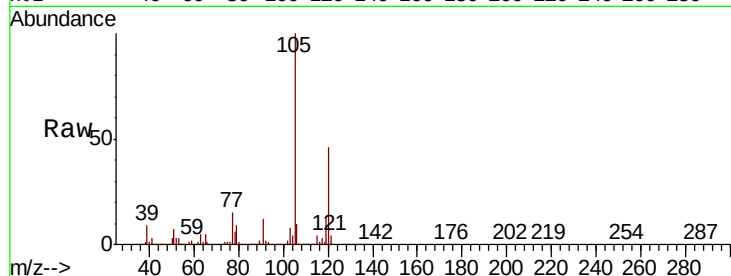
ClientSampleId :

Tot Ion:105 Resp: 4895905

Ion Ratio Lower Upper

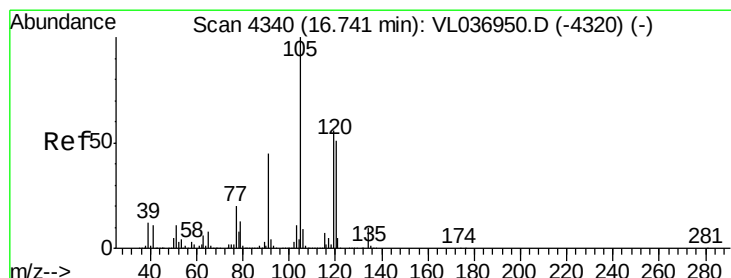
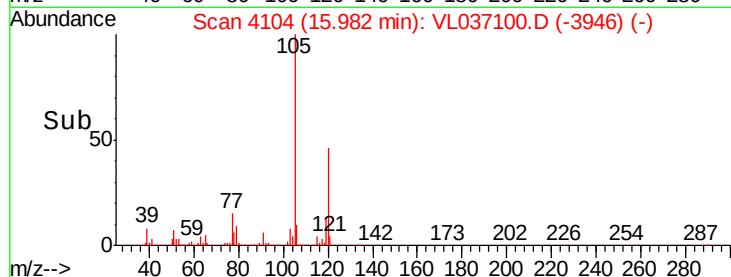
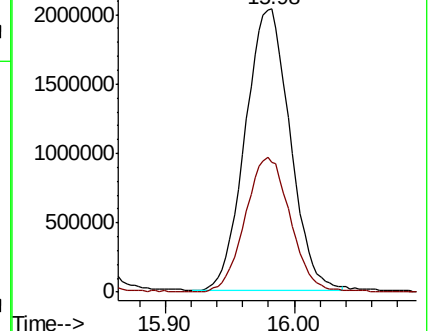
105 100

120 45.9 38.6 58.0



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: 7.700 ppbv

RT: 16.74 min Scan# 4341

Delta R.T. 0.00 min

Lab File: VL037100.D

Acq: 2 Jun 2021 13:16

Tgt Ion:105 Resp: 5084614

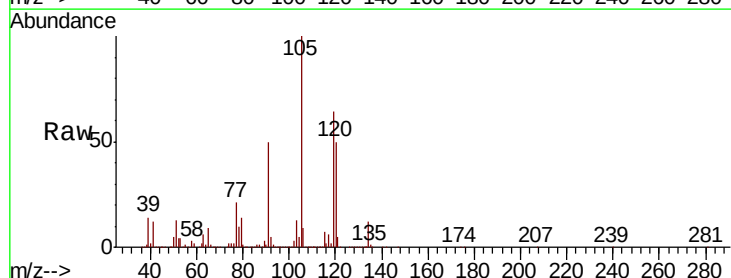
Ion Ratio Lower Upper

105 100

120 49.4 40.6 61.0

91 50.0 37.4 56.0

77 20.6 16.2 24.4

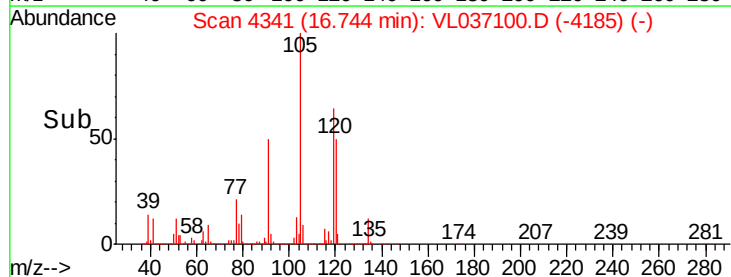
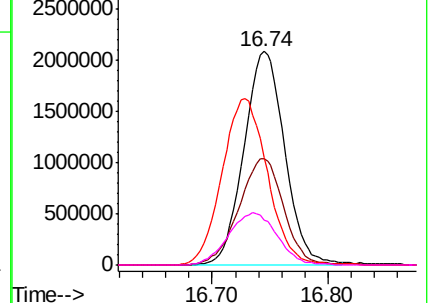


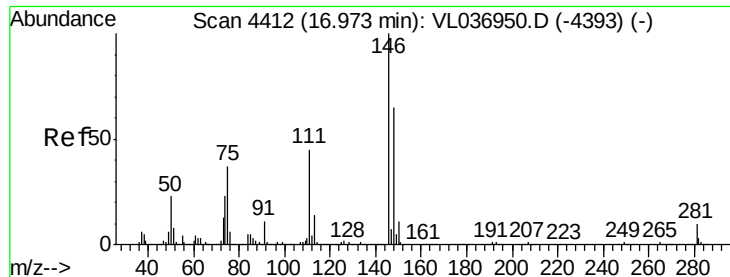
Abundance Ion 105.10 (104.80 to 105.80): V

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

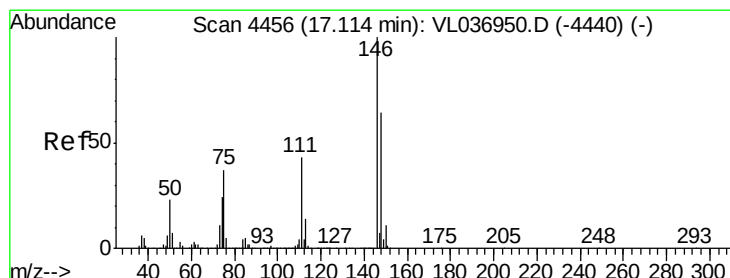
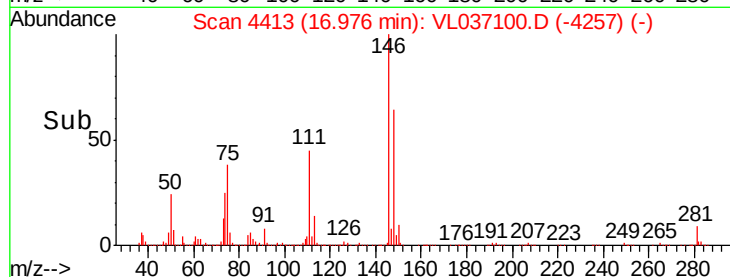
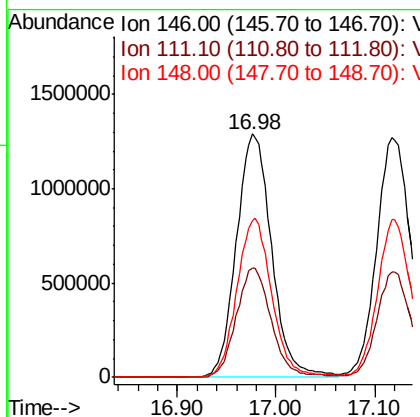
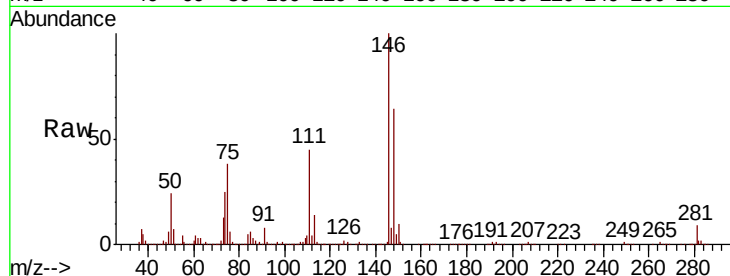




#75
 1,3-Dichlorobenzene
 Concen: 7.905 ppbv
 RT: 16.98 min Scan# 4413
 Delta R.T. 0.00 min
 Lab File: VL037100.D
 Acq: 2 Jun 2021 13:16

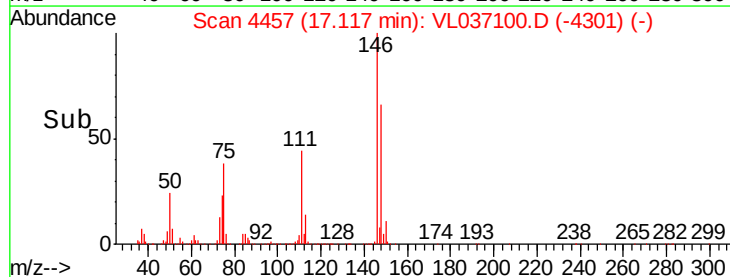
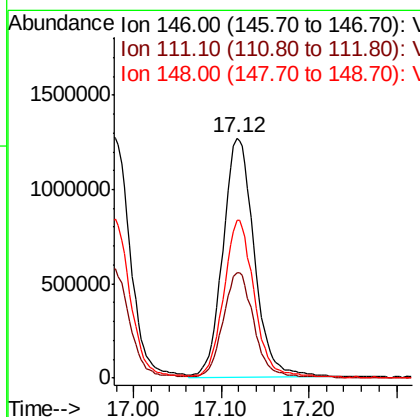
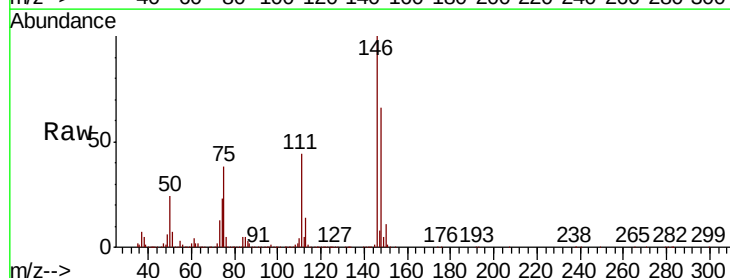
Instrument :
 MSVOA_L
 ClientSampleId :

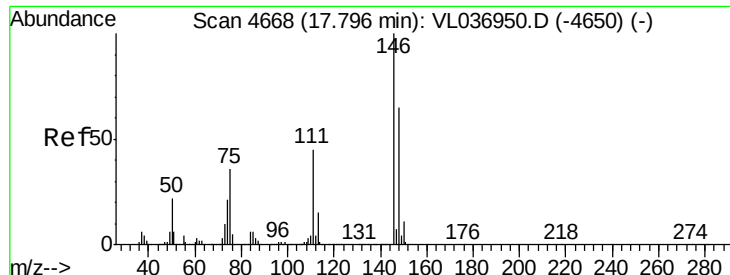
Tot Ion:146 Resp: 3187557
 Ion Ratio Lower Upper
 146 100
 111 44.7 22.2 66.6
 148 64.6 32.3 96.8



#76
 1,4-Dichlorobenzene
 Concen: 7.717 ppbv
 RT: 17.12 min Scan# 4457
 Delta R.T. 0.00 min
 Lab File: VL037100.D
 Acq: 2 Jun 2021 13:16

Tgt Ion:146 Resp: 3145998
 Ion Ratio Lower Upper
 146 100
 111 44.0 22.6 67.7
 148 64.9 33.5 100.5

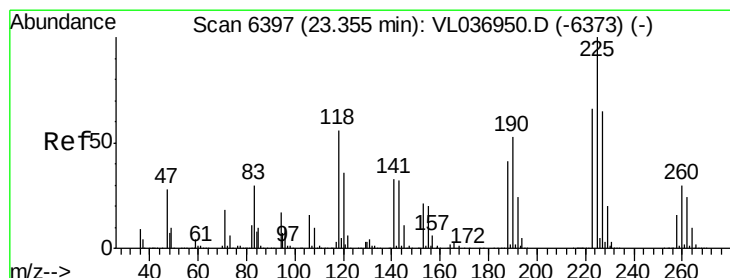
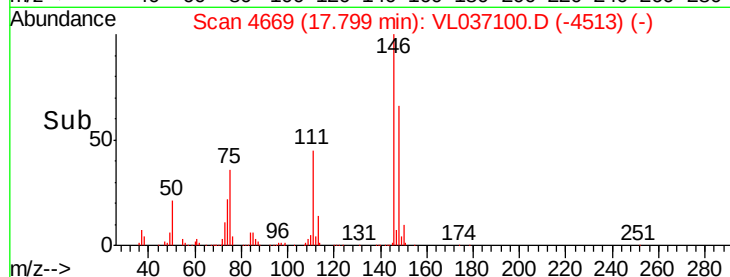
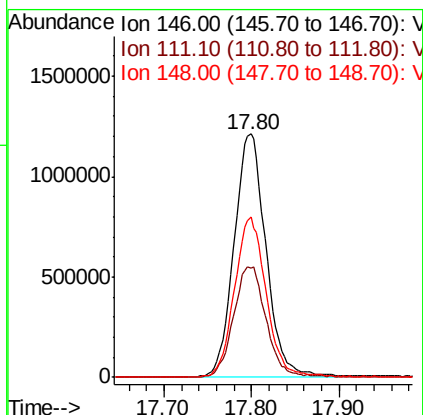
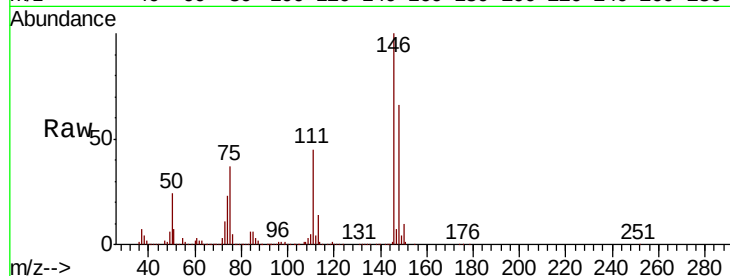




#77
 1,2-Dichlorobenzene
 Concen: 7.575 ppbv
 RT: 17.80 min Scan# 4669
 Delta R.T. 0.00 min
 Lab File: VL037100.D
 Acq: 2 Jun 2021 13:16

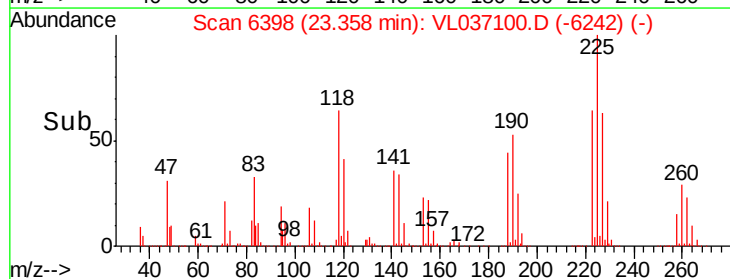
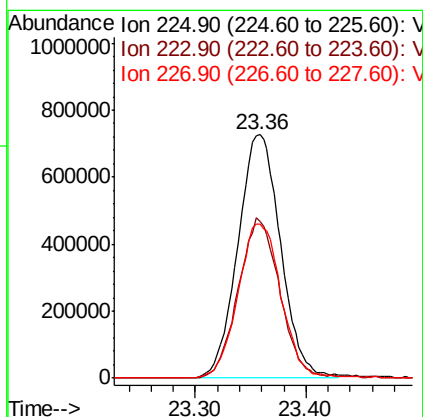
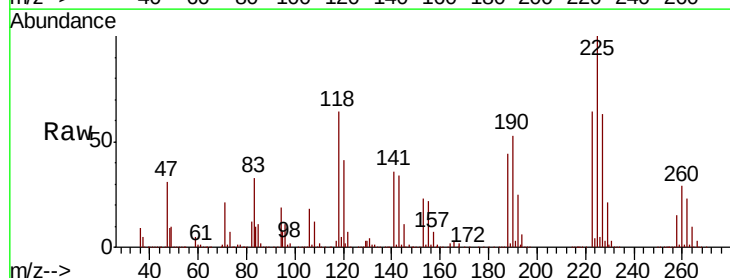
Instrument :
 MSVOA_L
 ClientSampleId :

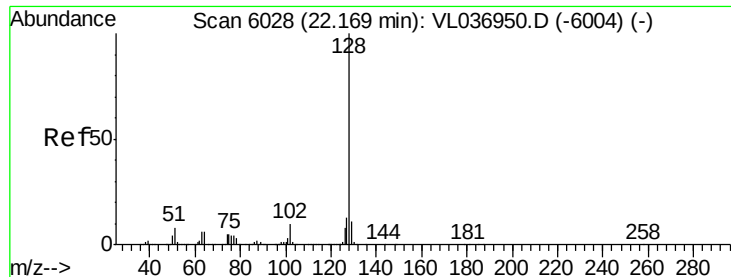
Tot Ion:146 Resp: 3060302
 Ion Ratio Lower Upper
 146 100
 111 46.7 23.1 69.2
 148 65.2 32.5 97.4



#78
 Hexachloro-1,3-Butadiene
 Concen: 5.993 ppbv
 RT: 23.36 min Scan# 6398
 Delta R.T. 0.00 min
 Lab File: VL037100.D
 Acq: 2 Jun 2021 13:16

Tgt Ion:225 Resp: 1946952
 Ion Ratio Lower Upper
 225 100
 223 64.2 51.9 77.9
 227 64.8 51.8 77.6





#79

Naphthalene

Concen: 7.311 ppbv

RT: 22.17 min Scan# 6029

Delta R.T. 0.00 min

Lab File: VL037100.D

Acq: 2 Jun 2021 13:16

Instrument :

MSVOA_L

ClientSampleId :

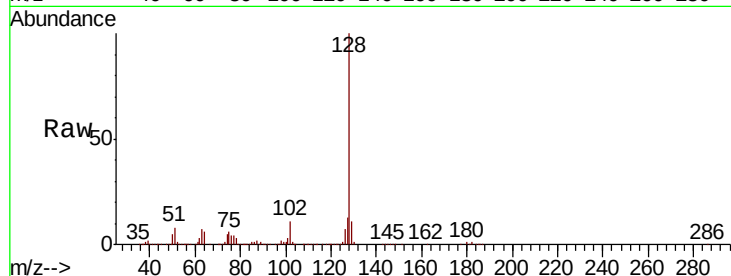
Tot Ion:128 Resp: 3787903

Ion Ratio Lower Upper

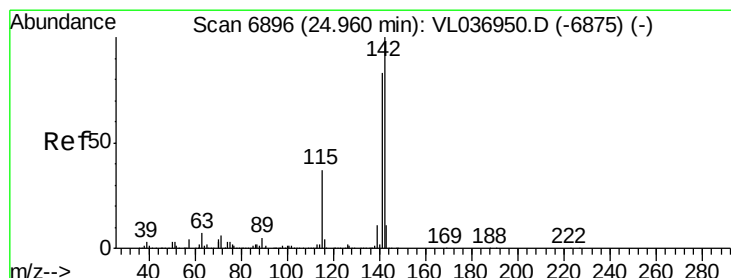
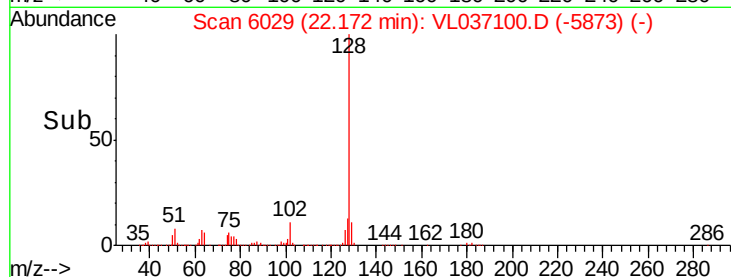
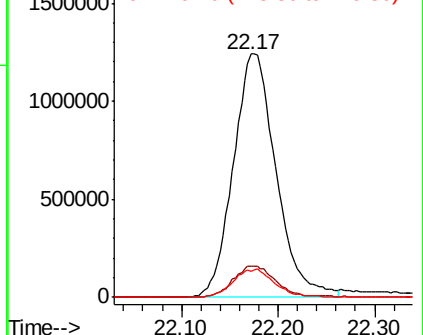
128 100

127 13.0 10.4 15.6

129 10.8 9.0 13.6



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: 8.500 ppbv

RT: 24.96 min Scan# 6896

Delta R.T. -0.00 min

Lab File: VL037100.D

Acq: 2 Jun 2021 13:16

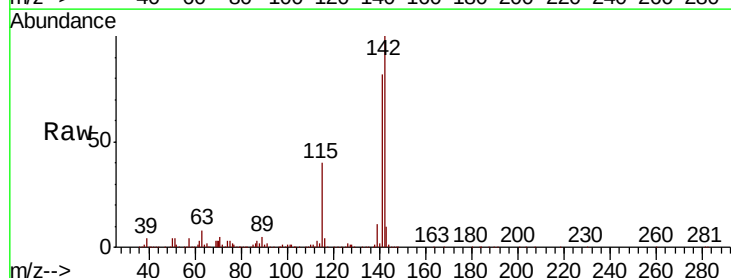
Tgt Ion:142 Resp: 957593

Ion Ratio Lower Upper

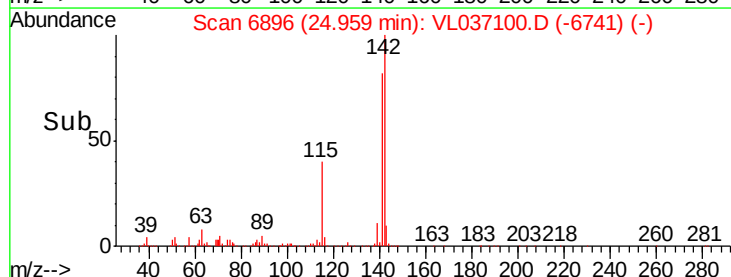
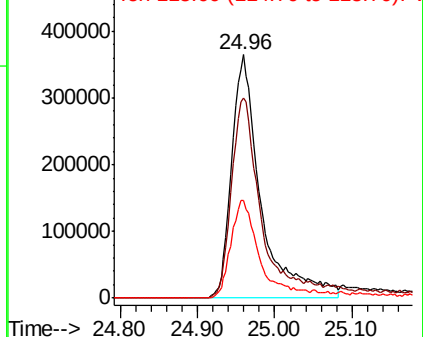
142 100

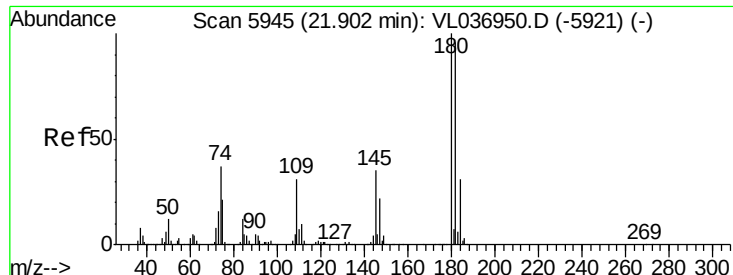
141 91.9 69.3 103.9

115 41.7 29.1 43.7



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: 6.930 ppbv

RT: 21.90 min Scan# 5946

Delta R.T. 0.00 min

Lab File: VL037100.D

Acq: 2 Jun 2021 13:16

Instrument :

MSVOA_L

ClientSampleId :

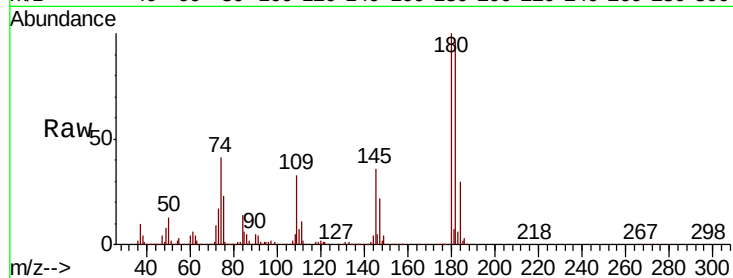
Tot Ion:180 Resp: 2188899

Ion Ratio Lower Upper

180 100

182 100.6 81.7 122.5

184 31.5 24.9 37.3



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

