

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL040521\
 Data File : VL036677.D
 Acq On : 5 Apr 2021 15:57
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Apr 06 01:59:37 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL032521AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Mar 25 09:42:40 2021
 QLast Update : Thu Mar 25 09:42:40 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	1417797	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.19	114	3667628	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.10	117	4095500	10.00	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.43	95	2751556	8.43	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	84.30%

Target Compounds					Ovalue
2) Dichlorodifluoromethane	3.05	85	1656090	7.162	ppbv 96
3) Chlorodifluoromethane	2.99	51	2265222	8.551	ppbv 100
4) Chloromethane	3.14	50	770592	8.236	ppbv 96
5) Vinyl Chloride	3.26	62	743832	7.732	ppbv 95
6) Bromomethane	3.48	94	420026	7.930	ppbv 96
7) Chloroethane	3.56	64	259932	7.863	ppbv 96
8) Dichlorotetrafluoroethane	3.19	85	1738157	7.875	ppbv 95
9) Propene	3.01	41	712248	8.434	ppbv 98
10) Heptane	8.14	43	1843644	8.570	ppbv 100
11) Trichlorofluoromethane	3.95	101	1753498	7.441	ppbv 99
12) 1,1,2-Trichlorotrifluoroet	4.49	101	1174661	7.796	ppbv 98
13) Ethanol	3.61	45	23035	2.291	ppbv # 1
14) Bromoethene	3.75	108	510874	8.156	ppbv 98
15) Acetone	3.86	43	1585331	11.361	ppbv # 87
16) 1,3-Butadiene	3.33	39	838625	8.632	ppbv 92
17) tert-Butyl alcohol	4.30	59	1013493	8.343	ppbv 100
18) 1,1-Dichloroethene	4.29	96	538182	8.030	ppbv 92
19) Isopropyl Alcohol	3.98	45	292568	3.811	ppbv 99
20) Methylene Chloride	4.35	84	456362	6.985	ppbv 93
21) Allyl Chloride	4.42	41	821909	7.389	ppbv 92
22) trans-1,2-Dichloroethene	4.89	96	517510	8.329	ppbv 97
23) Vinyl Acetate	5.08	43	2504197	10.491	ppbv 97
24) 1,1-Dichloroethane	5.02	63	1375622	7.907	ppbv 98
25) Ethyl Acetate	5.69	43	2740961	8.262	ppbv 99
26) Hexane	5.69	57	1380402	8.966	ppbv 94
27) Carbon Disulfide	4.56	76	1229583	8.107	ppbv 98
28) Methyl tert-Butyl Ether	5.04	73	1455173	8.015	ppbv 100
29) Chloroform	5.76	83	2000069	8.123	ppbv 96
30) Cyclohexane	7.14	84	1117276	8.948	ppbv 98
31) cis-1,2-Dichloroethene	5.56	61	1273594	8.553	ppbv 94
32) 1,1,1-Trichloroethane	6.52	97	2039919	8.221	ppbv 99
34) 2-Butanone	5.25	43	1263433	7.057	ppbv 95
35) Carbon Tetrachloride	7.03	117	2128182	7.555	ppbv 98
36) Benzene	6.90	78	2726726	8.061	ppbv 98
37) 1,2-Dichloroethane	6.31	62	1498473	7.527	ppbv 99
38) Trichloroethene	7.84	130	1005060	7.635	ppbv 97
39) 1,2-Dichloropropane	7.63	63	1056063	7.697	ppbv 97
40) 1,4-Dioxane	7.84	88	101436	3.176	ppbv # 1
41) Tetrahydrofuran	6.06	42	576977	6.990	ppbv 96
42) Bromodichloromethane	7.81	83	2146771	7.928	ppbv 97
43) Methyl Methacrylate	8.02	69	1019241	8.973	ppbv 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,2,4-Trimethylpentane	7.88	57	5102251	8.571	ppbv	100
45) t-1,3-Dichloropropene	9.29	75	925618	7.137	ppbv	99
46) cis-1,3-Dichloropropene	8.71	75	1189526	7.175	ppbv	96
47) 1,1,2-Trichloroethane	9.49	97	1089376	7.838	ppbv	97
48) Dibromochloromethane	10.32	129	1781107	8.407	ppbv	100
49) Bromoform	13.06	173	1429237	8.373	ppbv	99
50) 4-Methyl-2-Pentanone	8.76	43	1962364	7.575	ppbv	99
51) 2-Hexanone	10.15	43	1074695	8.221	ppbv #	99
52) Tetrachloroethene	11.24	164	957375	7.686	ppbv	98
53) Toluene	9.82	91	3079456	8.549	ppbv	99
54) 1,2-Dibromoethane	10.63	107	1585336	8.077	ppbv	96
56) 1,1,1,2-Tetrachloroethane	12.14	131	1251568	6.756	ppbv #	53
57) Chlorobenzene	12.16	112	2273765	6.525	ppbv	95
58) Ethyl Benzene	12.73	91	4085756	6.857	ppbv	99
59) m/p-Xylene	13.01	91	3971856	7.643	ppbv #	49
60) o-Xylene	13.71	91	3243684	6.455	ppbv	100
61) Styrene	13.55	104	1797569	7.110	ppbv	98
62) Isopropylbenzene	14.68	105	4545133	6.717	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.69	83	2280289	5.949	ppbv	99
64) n-propylbenzene	15.58	120	1194325	7.219	ppbv	98
65) tert-Butylbenzene	16.76	119	3951894	6.735	ppbv	99
66) Benzyl Chloride	17.01	91	458318	7.066	ppbv	98
67) sec-Butylbenzene	17.31	105	5520450	6.665	ppbv	100
69) p-Isopropyltoluene	17.67	119	4640810	7.175	ppbv	98
70) n-Butylbenzene	18.57	91	4649235	6.932	ppbv	99
71) 2-Chlorotoluene	15.47	91	3479149	6.861	ppbv	100
72) 4-Ethyltoluene	15.85	105	3836721	6.968	ppbv	99
73) 1,3,5-Trimethylbenzene	16.01	105	3470462	6.753	ppbv	98
74) 1,2,4-Trimethylbenzene	16.78	105	3623308	6.588	ppbv	97
75) 1,3-Dichlorobenzene	17.01	146	2081863	6.725	ppbv	100
76) 1,4-Dichlorobenzene	17.16	146	2011124	6.543	ppbv	98
77) 1,2-Dichlorobenzene	17.83	146	2017788	6.934	ppbv	98
78) Hexachloro-1,3-Butadiene	23.39	225	1600434	6.141	ppbv	99
79) Naphthalene	22.22	128	2293921	7.148	ppbv	99
80) Naphthalene, 2-methyl-	25.00	142	382698	6.047	ppbv	96
81) 1,2,4-Trichlorobenzene	21.95	180	1424006	7.187	ppbv	98

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

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ClientSampled :

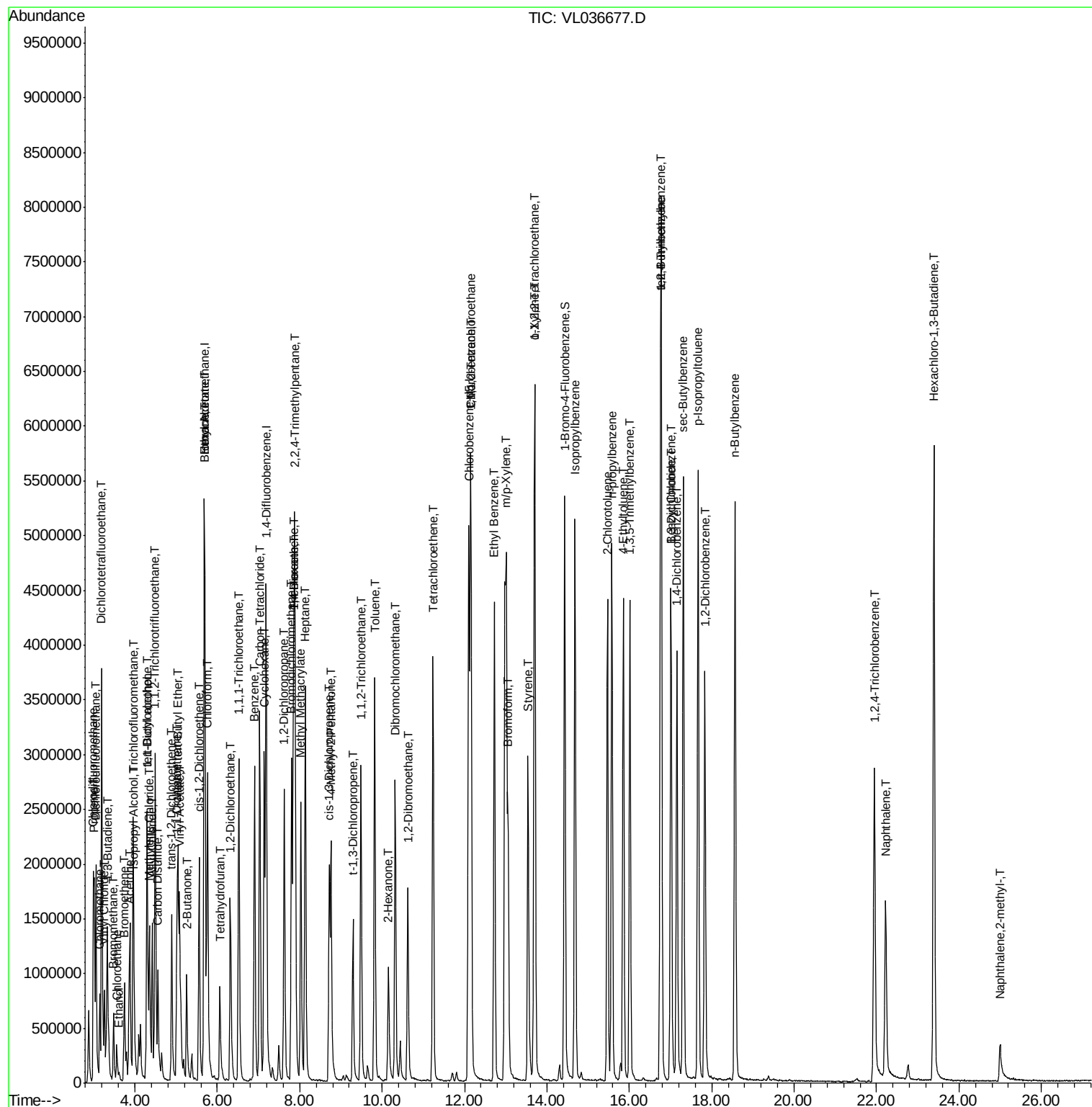
Quant Time: Apr 06 01:59:37 2021

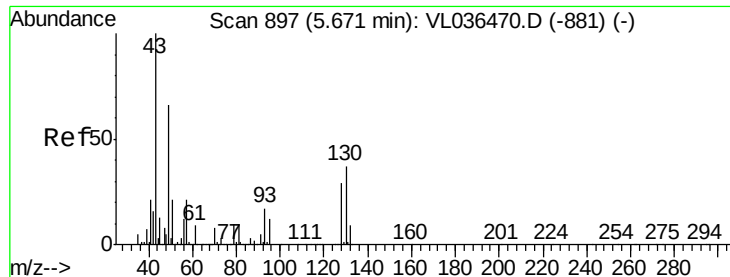
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL032521AIR.M

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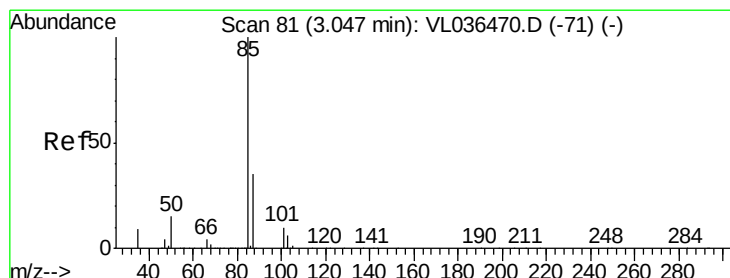
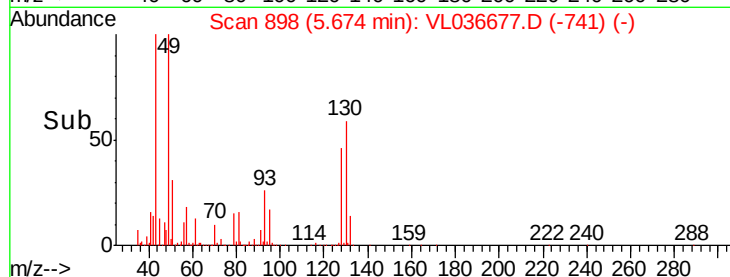
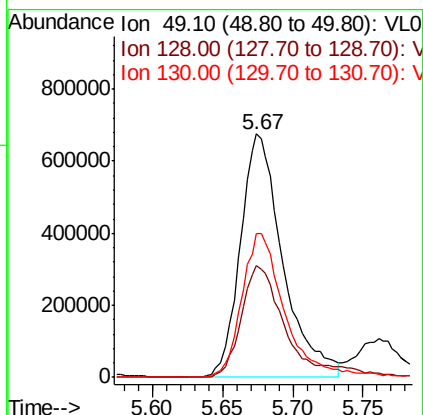
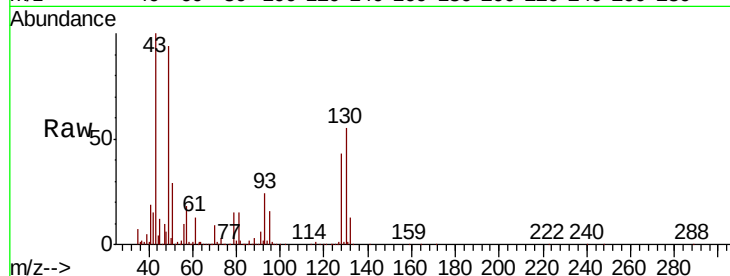




#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.67 min Scan# 898
 Delta R.T. 0.00 min
 Lab File: VL036677.D
 Acq: 5 Apr 2021 15:57

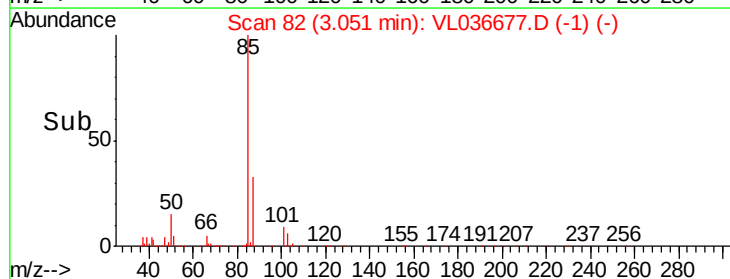
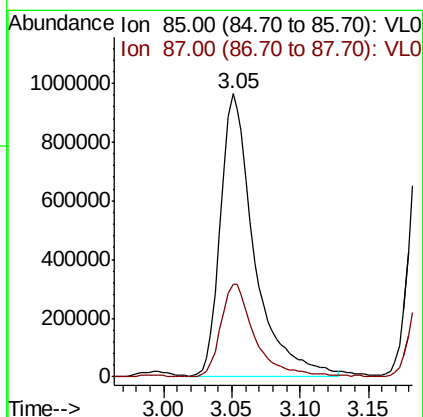
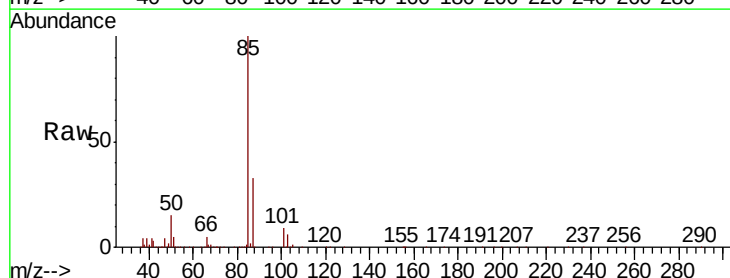
Instrument :
 MSVOA_L
 ClientSampled :

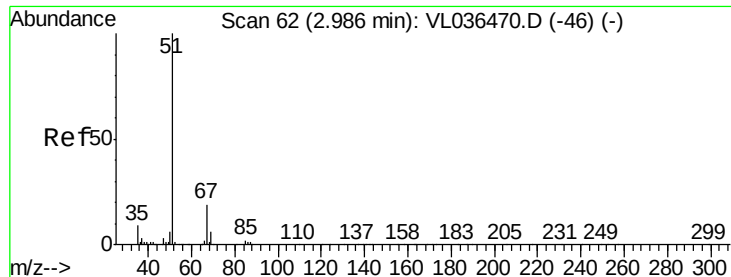
Tot Ion: 49 Resp: 1417797
 Ion Ratio Lower Upper
 49 100
 128 49.8 23.5 70.6
 130 60.7 29.1 87.4



#2
 Dichlorodifluoromethane
 Concen: 7.162 ppbv
 RT: 3.05 min Scan# 82
 Delta R.T. 0.00 min
 Lab File: VL036677.D
 Acq: 5 Apr 2021 15:57

Tgt Ion: 85 Resp: 1656090
 Ion Ratio Lower Upper
 85 100
 87 32.7 27.8 41.8

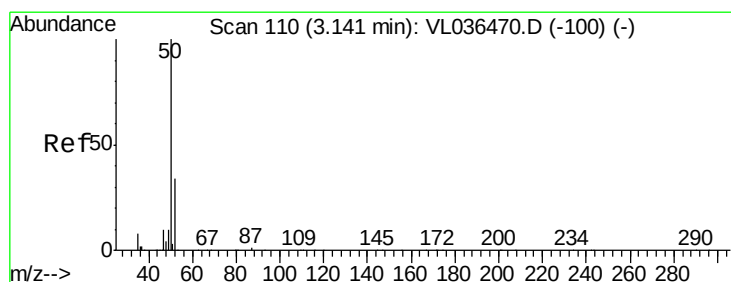
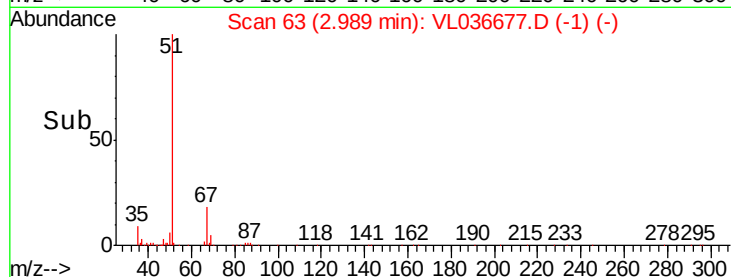
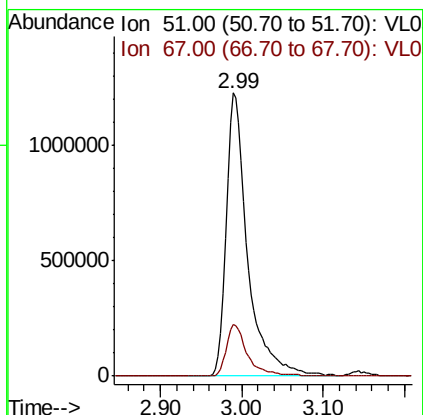
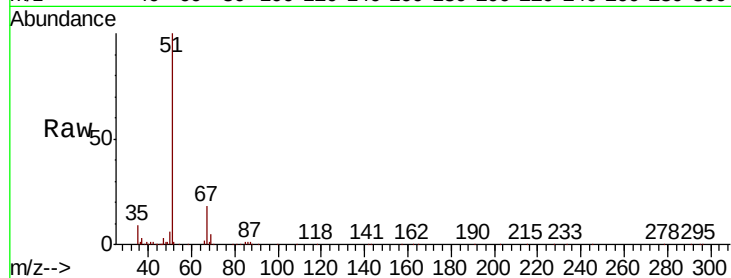




#3
 Chlorodifluoromethane
 Concen: 8.551 ppbv
 RT: 2.99 min Scan# 63
 Delta R.T. 0.00 min
 Lab File: VL036677.D
 Acq: 5 Apr 2021 15:57

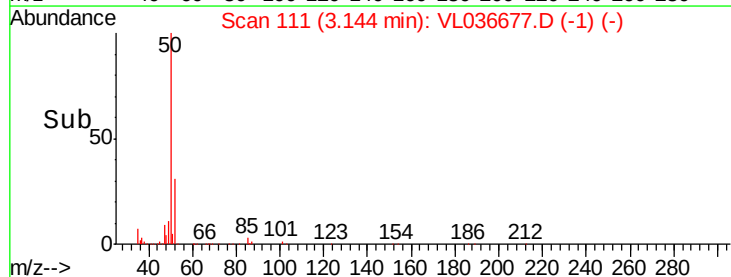
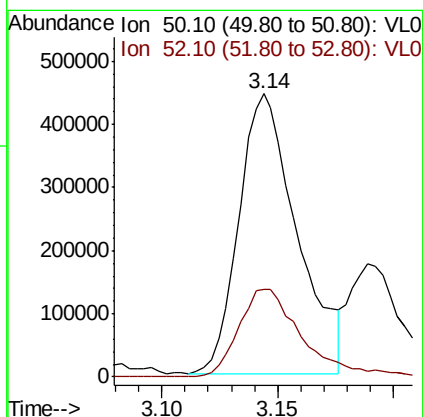
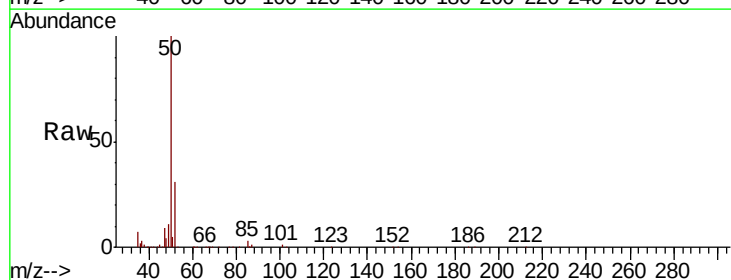
Instrument :
 MSVOA_L
 ClientSampleId :

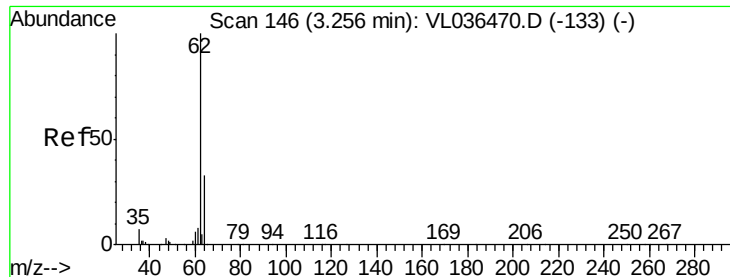
Tot Ion: 51 Resp: 2265222
 Ion Ratio Lower Upper
 51 100
 67 18.3 14.7 22.1



#4
 Chloromethane
 Concen: 8.236 ppbv
 RT: 3.14 min Scan# 111
 Delta R.T. 0.00 min
 Lab File: VL036677.D
 Acq: 5 Apr 2021 15:57

Tgt Ion: 50 Resp: 770592
 Ion Ratio Lower Upper
 50 100
 52 31.4 27.0 40.6





#5

Vinyl Chloride

Concen: 7.732 ppbv

RT: 3.26 min Scan# 148

Delta R.T. 0.01 min

Lab File: VL036677.D

Acq: 5 Apr 2021 15:57

Instrument :

MSVOA_L

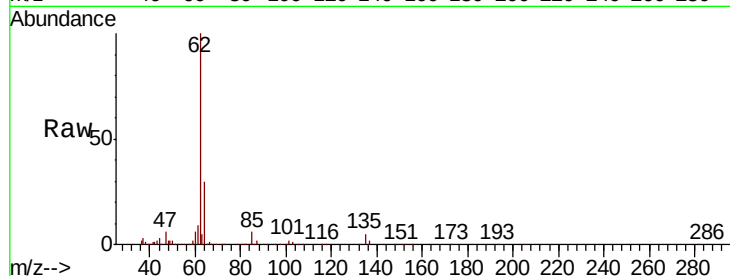
ClientSampleId :

Tot Ion: 62 Resp: 743832

Ion Ratio Lower Upper

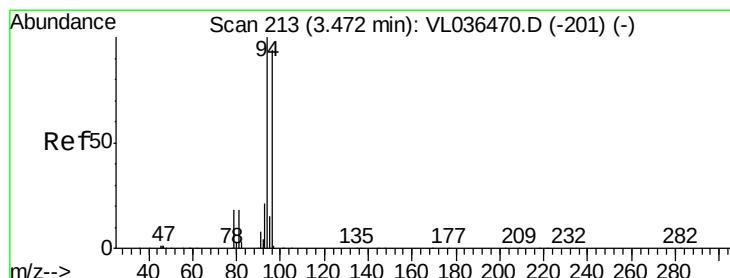
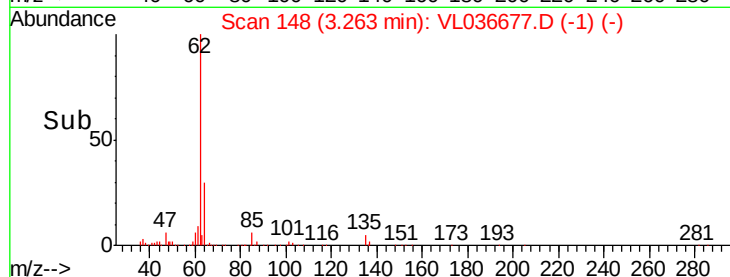
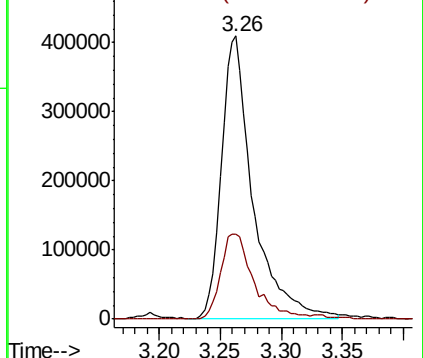
62 100

64 30.1 26.4 39.6



Abundance Ion 62.10 (61.80 to 62.80): VL0

Ion 64.10 (63.80 to 64.80): VL0



#6

Bromomethane

Concen: 7.930 ppbv

RT: 3.48 min Scan# 215

Delta R.T. 0.01 min

Lab File: VL036677.D

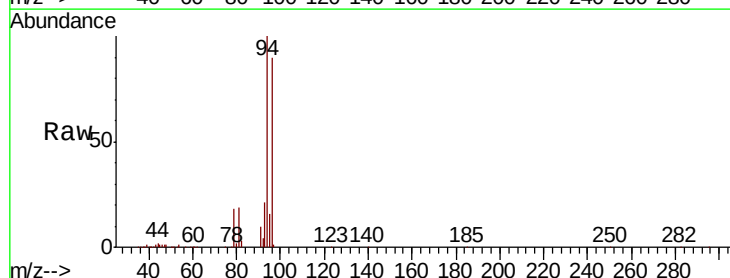
Acq: 5 Apr 2021 15:57

Tgt Ion: 94 Resp: 420026

Ion Ratio Lower Upper

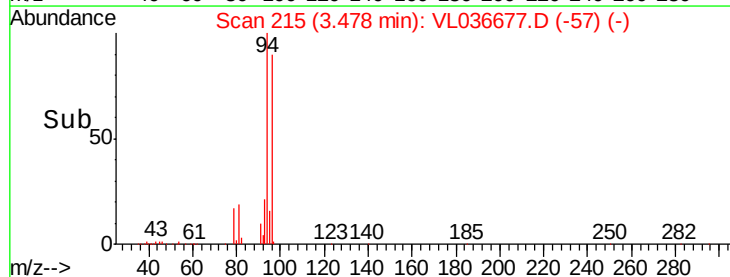
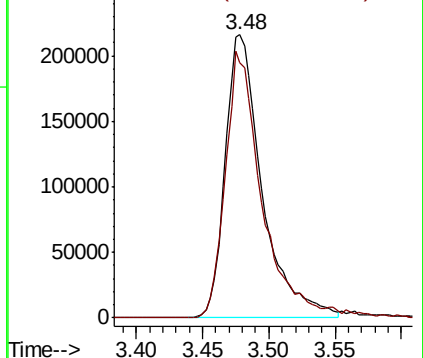
94 100

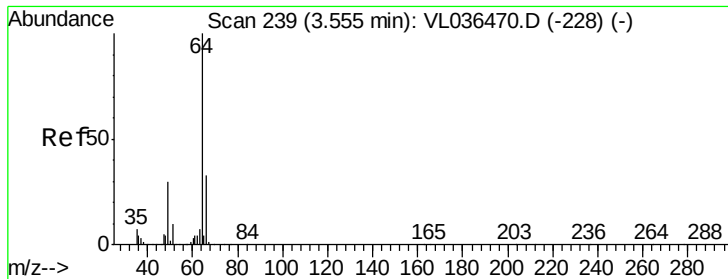
96 90.0 74.9 112.3



Abundance Ion 94.00 (93.70 to 94.70): VL0

Ion 96.00 (95.70 to 96.70): VL0





#7

Chloroethane

Concen: 7.863 ppbv

RT: 3.56 min Scan# 242

Delta R.T. 0.01 min

Lab File: VL036677.D

Acq: 5 Apr 2021 15:57

Instrument :

MSVOA_L

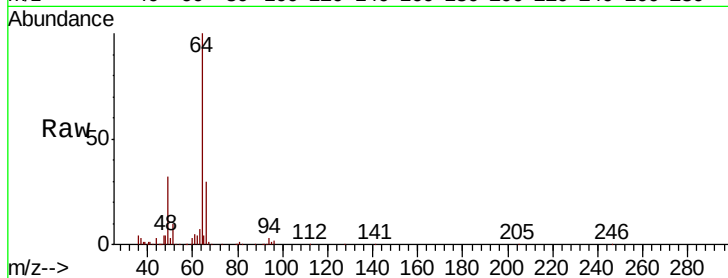
ClientSampleId :

Tot Ion: 64 Resp: 259932

Ion Ratio Lower Upper

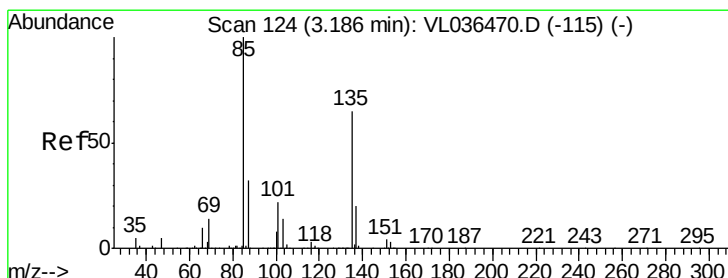
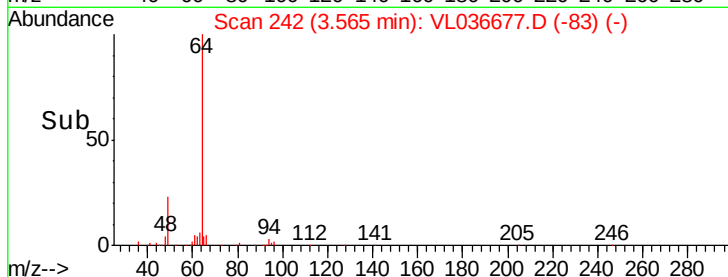
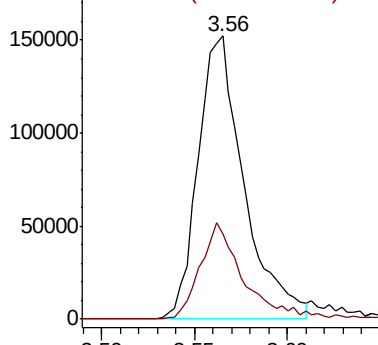
64 100

66 30.2 26.2 39.2



Abundance Ion 64.10 (63.80 to 64.80): VL0

Ion 66.10 (65.80 to 66.80): VL0



#8

Dichlorotetrafluoroethane

Concen: 7.875 ppbv

RT: 3.19 min Scan# 126

Delta R.T. 0.01 min

Lab File: VL036677.D

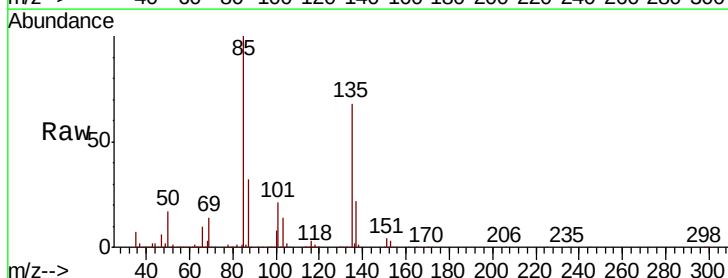
Acq: 5 Apr 2021 15:57

Tgt Ion: 85 Resp: 1738157

Ion Ratio Lower Upper

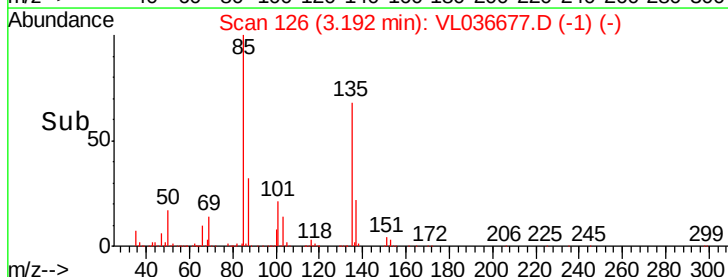
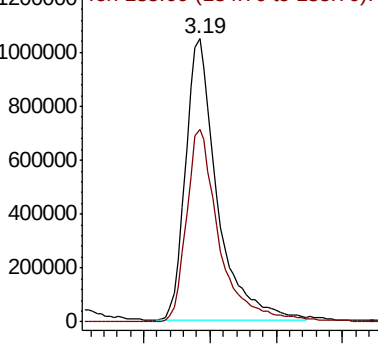
85 100

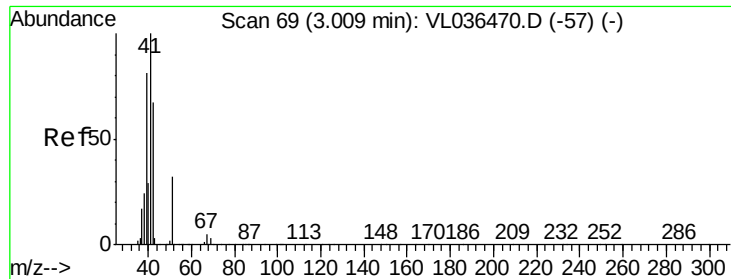
135 71.6 54.3 81.5



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 135.00 (134.70 to 135.70): V





#9

Propene

Concen: 8.434 ppbv

RT: 3.01 min Scan# 70

Delta R.T. 0.00 min

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Instrument :

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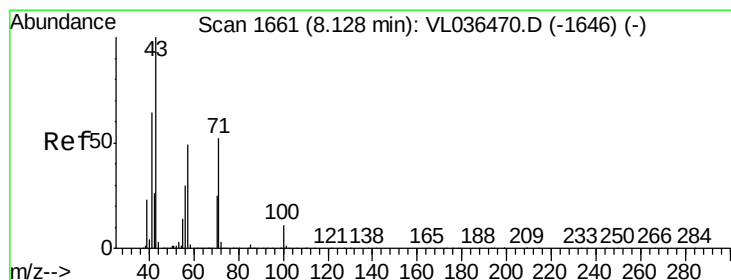
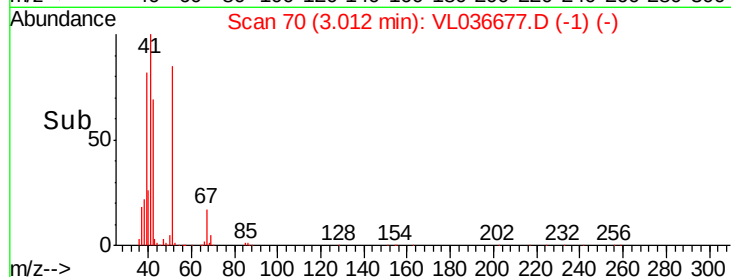
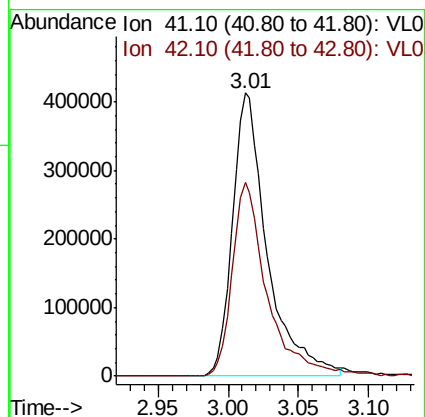
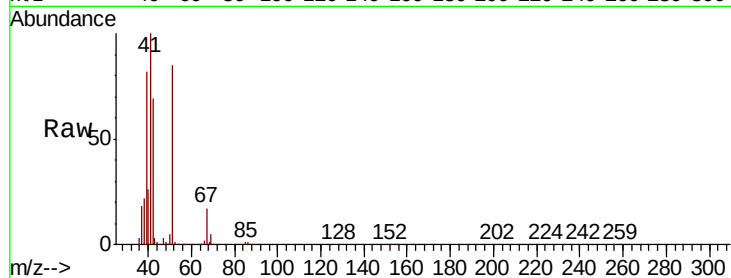
ClientSampleId :

Tot Ion: 41 Resp: 712248

Ion Ratio Lower Upper

41 100

42 69.2 57.0 85.4



#10

Heptane

Concen: 8.570 ppbv

RT: 8.14 min Scan# 1664

Delta R.T. 0.01 min

Lab File: VL036677.D

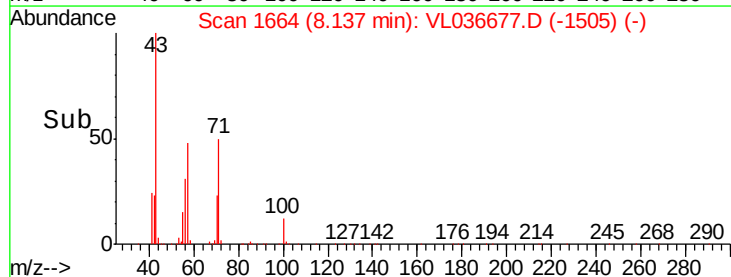
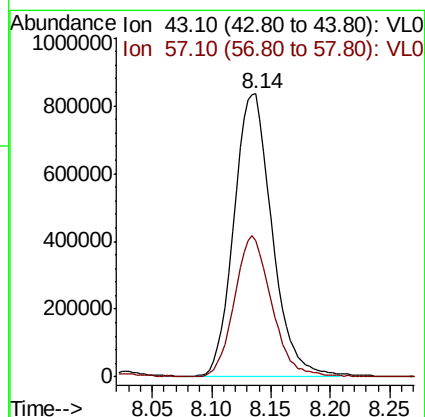
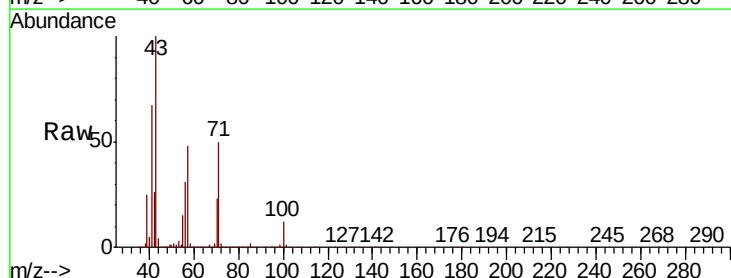
Acq: 5 Apr 2021 15:57

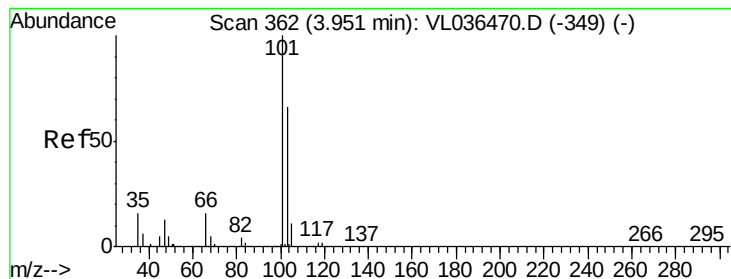
Tgt Ion: 43 Resp: 1843644

Ion Ratio Lower Upper

43 100

57 48.7 39.0 58.6





#11

Trichlorofluoromethane

Concen: 7.441 ppbv

RT: 3.95 min Scan# 363

Delta R.T. 0.00 min

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Acq: 5 Apr 2021 15:57

Instrument :

MSVOA_L

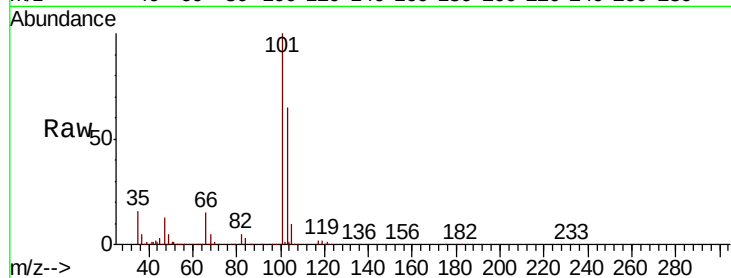
ClientSampleId :

Tot Ion:101 Resp: 1753498

Ion Ratio Lower Upper

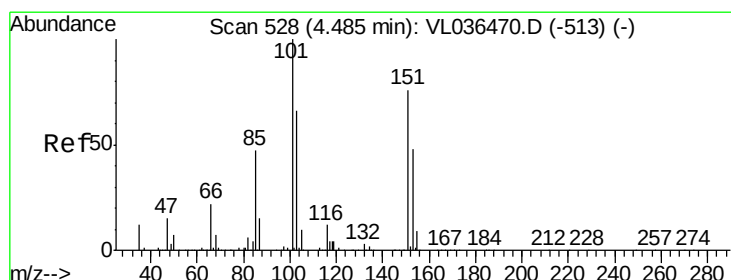
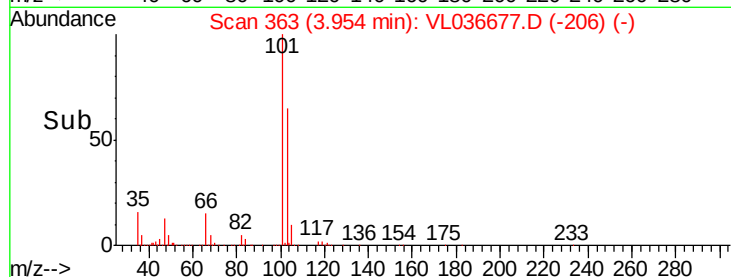
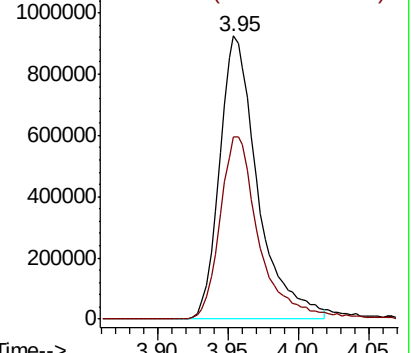
101 100

103 64.5 52.5 78.7



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V



#12

1,1,2-Trichlorotrifluoroethane

Concen: 7.796 ppbv

RT: 4.49 min Scan# 530

Delta R.T. 0.01 min

Lab File: VL036677.D

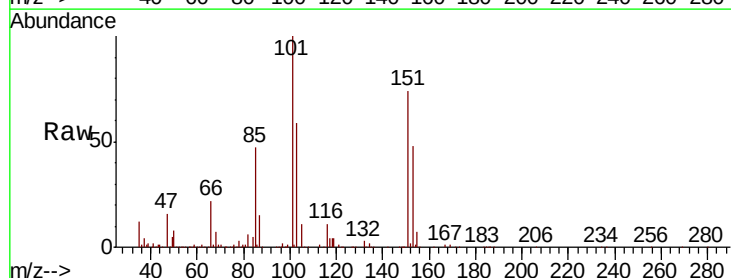
Acq: 5 Apr 2021 15:57

Tgt Ion:101 Resp: 1174661

Ion Ratio Lower Upper

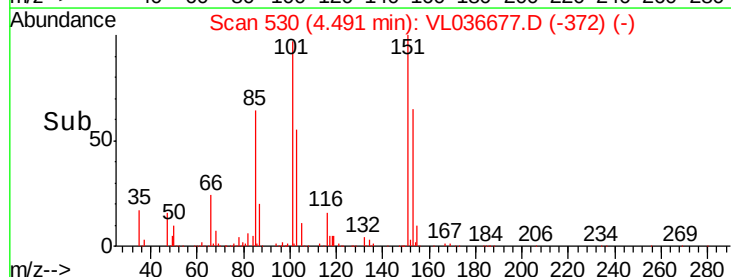
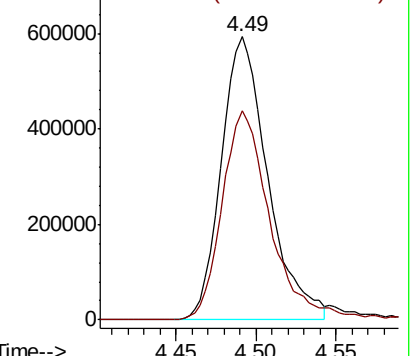
101 100

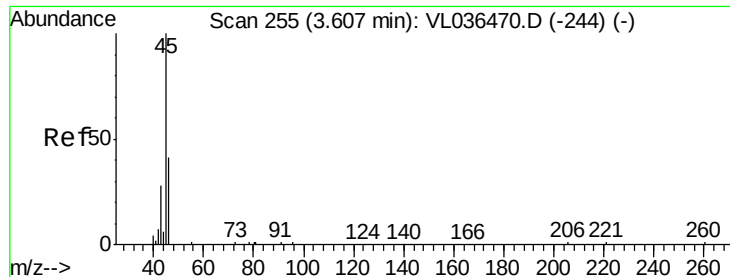
151 77.8 60.9 91.3



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 151.00 (150.70 to 151.70): V

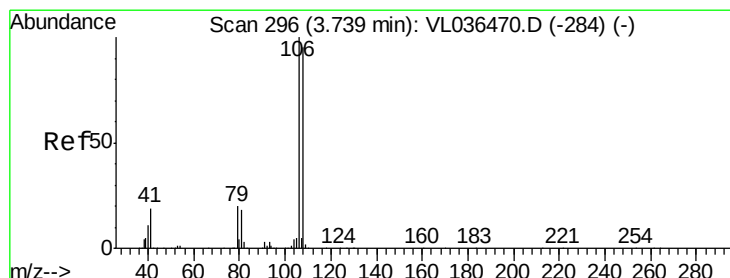
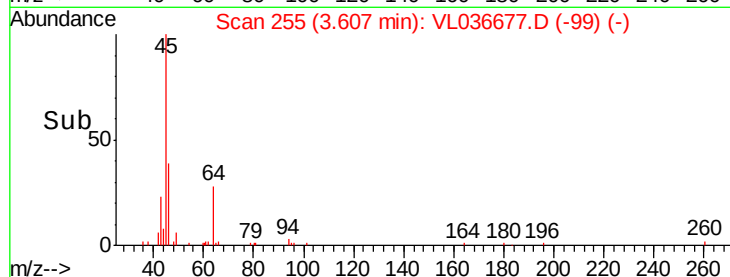
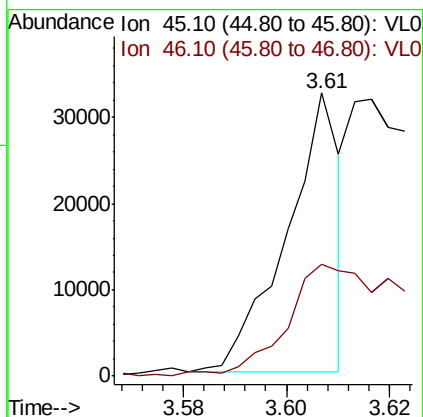
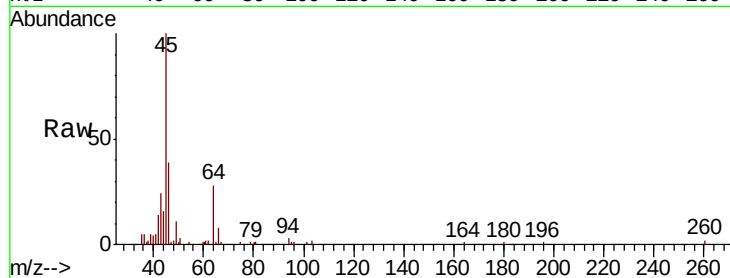




#13
Ethanol
Concen: 2.291 ppbv
RT: 3.61 min Scan# 255
Delta R.T. -0.00 min
Lab File: VL036677.D
Acq: 5 Apr 2021 15:57

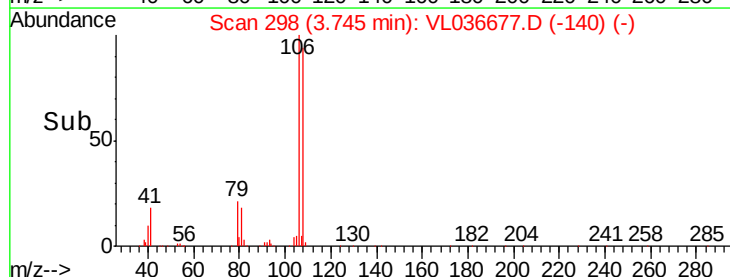
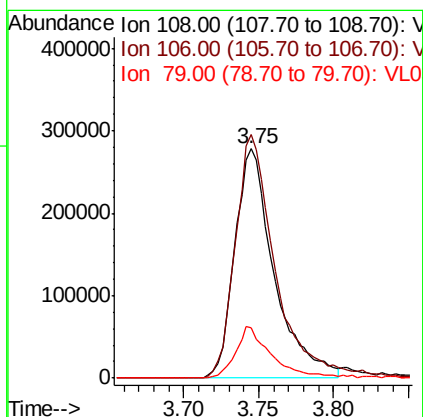
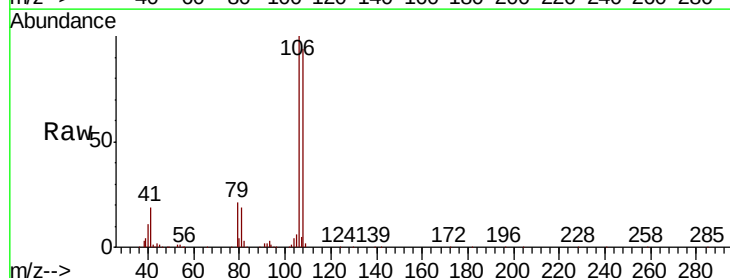
Instrument :
MSVOA_L
ClientSampleId :

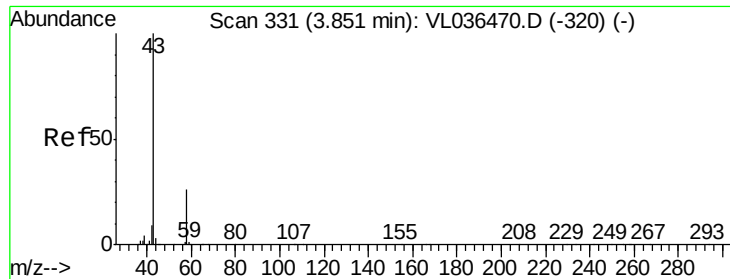
Tot Ion: 45 Resp: 23035
Ion Ratio Lower Upper
45 100
46 150.8 16.6 66.2#



#14
Bromoethene
Concen: 8.156 ppbv
RT: 3.75 min Scan# 298
Delta R.T. 0.01 min
Lab File: VL036677.D
Acq: 5 Apr 2021 15:57

Tgt Ion: 108 Resp: 510874
Ion Ratio Lower Upper
108 100
106 109.6 89.0 133.6
79 21.2 16.6 25.0





#15

Acetone

Concen: 11.361 ppbv

RT: 3.86 min Scan# 333

Delta R.T. 0.01 min

Lab File: VL036677.D

Acq: 5 Apr 2021 15:57

Instrument :

MSVOA_L

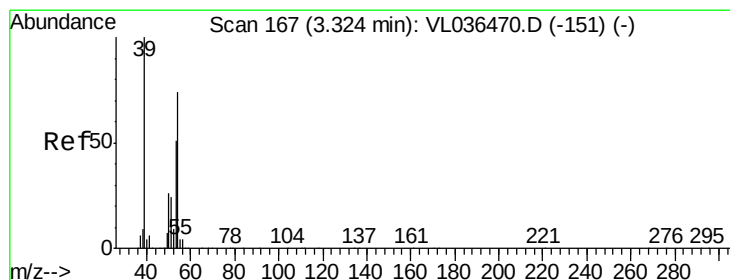
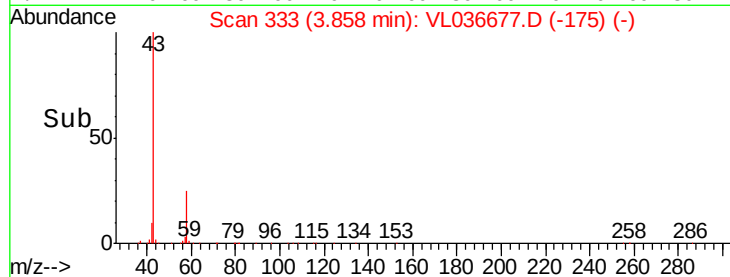
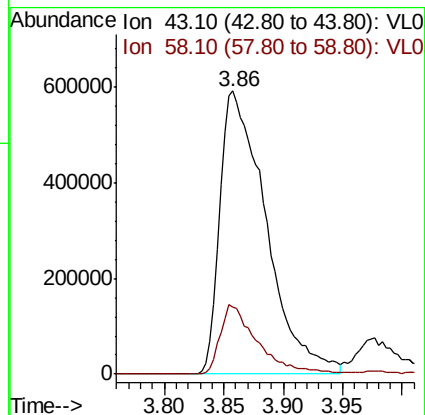
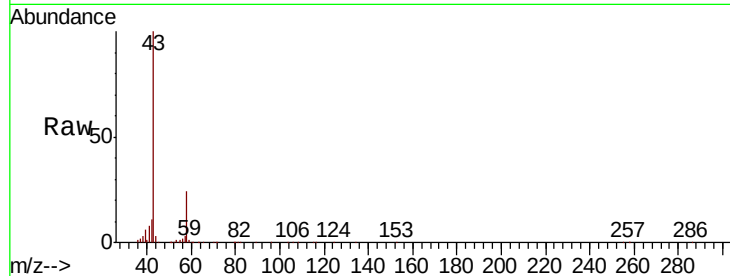
ClientSampleId :

Tot Ion: 43 Resp: 1585331

Ion Ratio Lower Upper

43 100

58 20.0 21.2 31.8#



#16

1,3-Butadiene

Concen: 8.632 ppbv

RT: 3.33 min Scan# 169

Delta R.T. 0.01 min

Lab File: VL036677.D

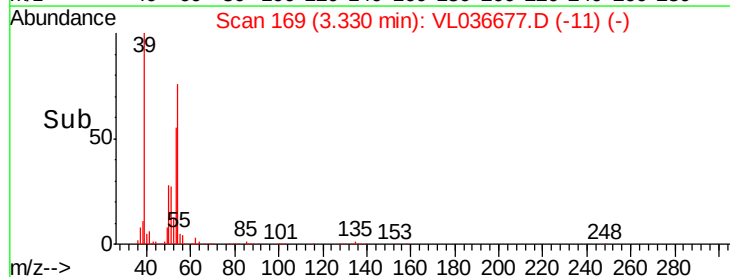
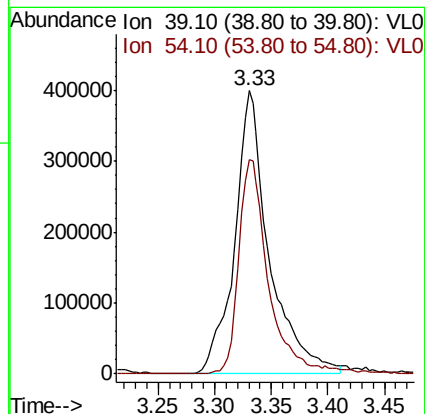
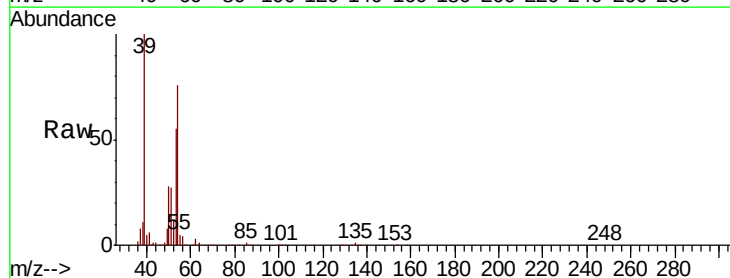
Acq: 5 Apr 2021 15:57

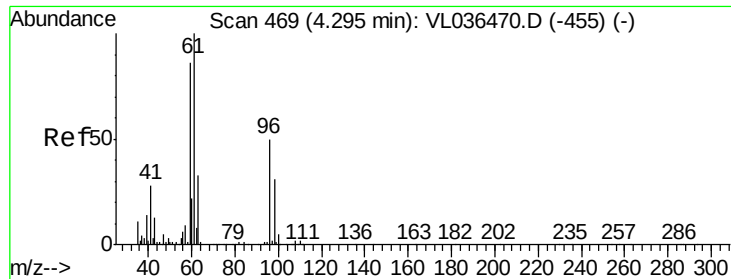
Tgt Ion: 39 Resp: 838625

Ion Ratio Lower Upper

39 100

54 66.6 58.8 88.2





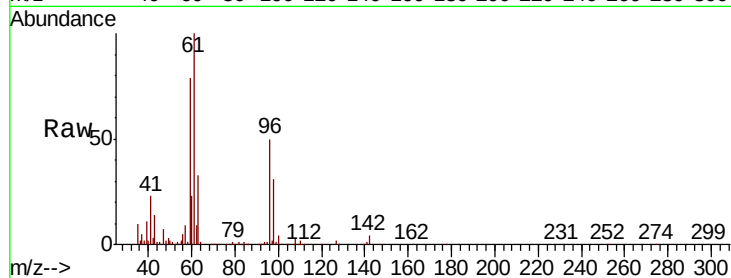
#17

tert-Butyl alcohol
Concen: 8.343 ppbv
RT: 4.30 min Scan# 470
Delta R.T. 0.00 min
Lab File: VL036677.D
Acq: 5 Apr 2021 15:57

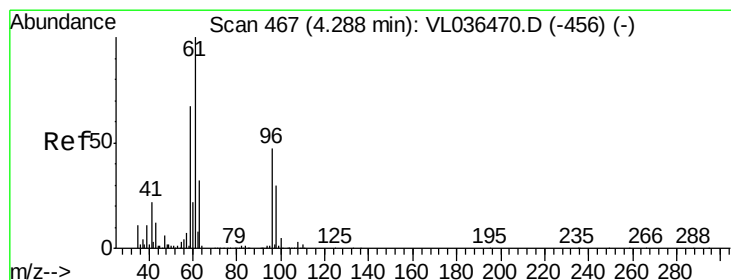
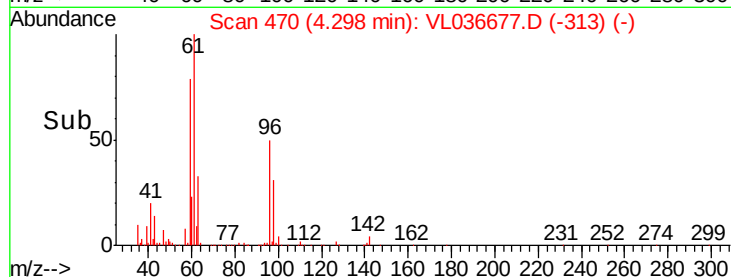
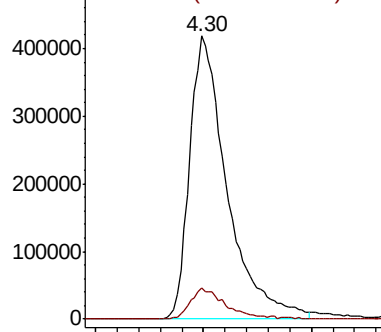
Instrument :
MSVOA_L
ClientSampled :

Tot Ion: 59 Resp: 1013493

Ion	Ratio	Lower	Upper
59	100		
57	10.8	8.6	12.8



Abundance Ion 59.10 (58.80 to 59.80): VL0
Ion 57.10 (56.80 to 57.80): VL0

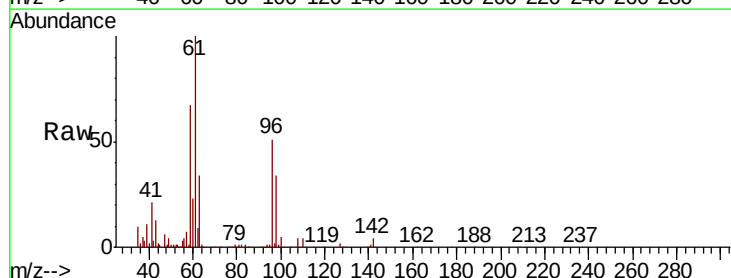


#18

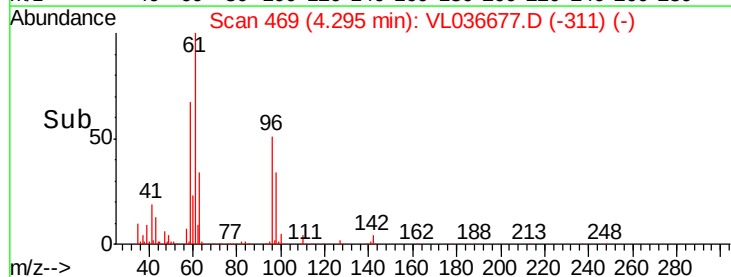
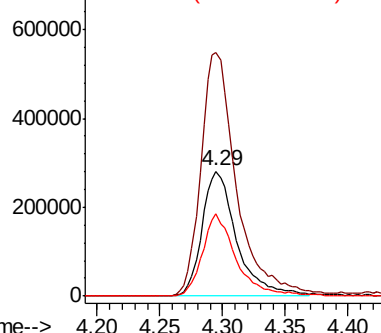
1,1-Dichloroethene
Concen: 8.030 ppbv
RT: 4.29 min Scan# 469
Delta R.T. 0.01 min
Lab File: VL036677.D
Acq: 5 Apr 2021 15:57

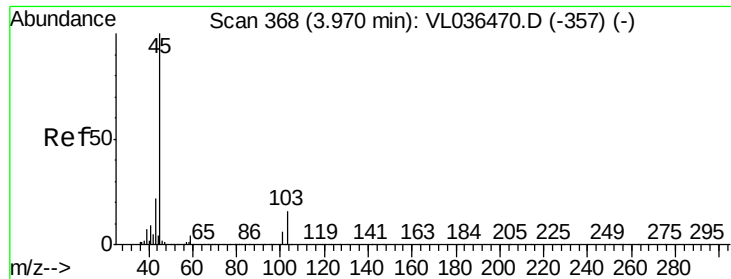
Tgt Ion: 96 Resp: 538182

Ion	Ratio	Lower	Upper
96	100		
61	195.4	168.6	253.0
98	66.1	50.8	76.2



Abundance Ion 96.00 (95.70 to 96.70): VL0
Ion 61.10 (60.80 to 61.80): VL0
Ion 98.00 (97.70 to 98.70): VL0





#19

Isopropyl Alcohol

Concen: 3.811 ppbv

RT: 3.98 min Scan# 371

Delta R.T. 0.01 min

Lab File: VL036677.D

Acq: 5 Apr 2021 15:57

Instrument :

MSVOA_L

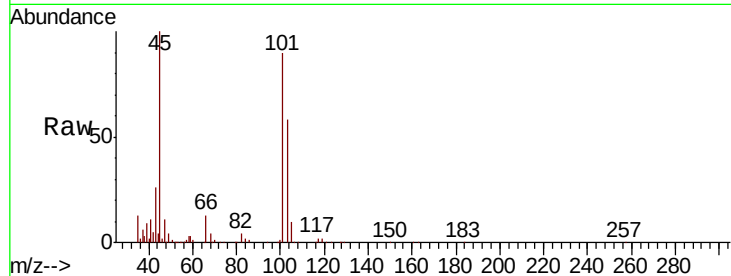
ClientSampleId :

Tot Ion: 45 Resp: 292568

Ion Ratio Lower Upper

45 100

58 3.4 2.9 4.3



Abundance Ion 45.10 (44.80 to 45.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

250000

200000

150000

100000

50000

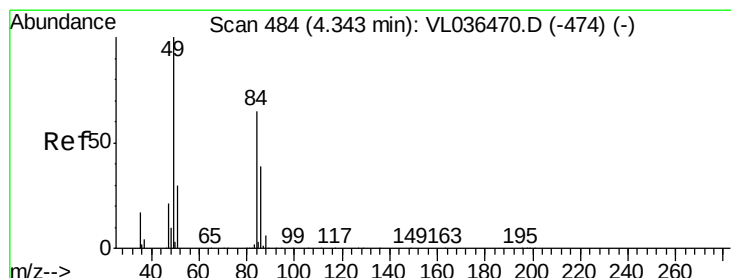
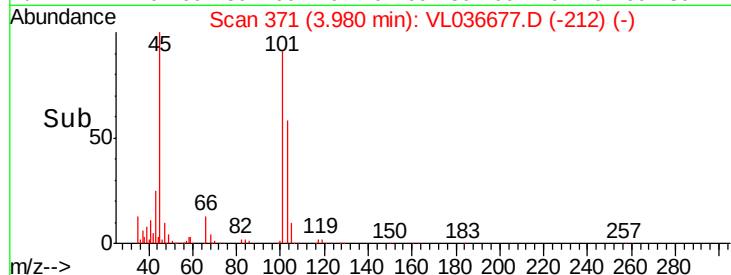
0

3.95

4.00

4.05

Time-->



#20

Methylene Chloride

Concen: 6.985 ppbv

RT: 4.35 min Scan# 486

Delta R.T. 0.01 min

Lab File: VL036677.D

Acq: 5 Apr 2021 15:57

Tgt Ion: 84 Resp: 456362

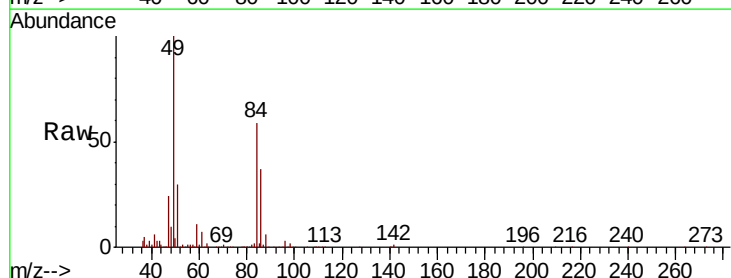
Ion Ratio Lower Upper

84 100

49 166.5 122.9 184.3

51 48.8 36.9 55.3

86 62.9 48.2 72.4



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

600000

500000

400000

300000

200000

100000

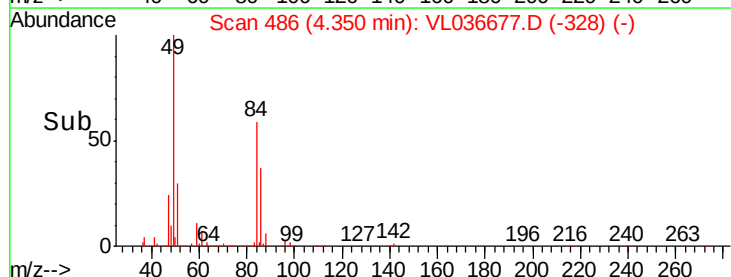
0

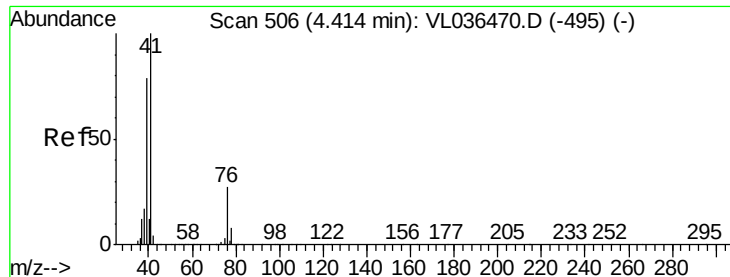
4.30

4.35

4.40

Time-->

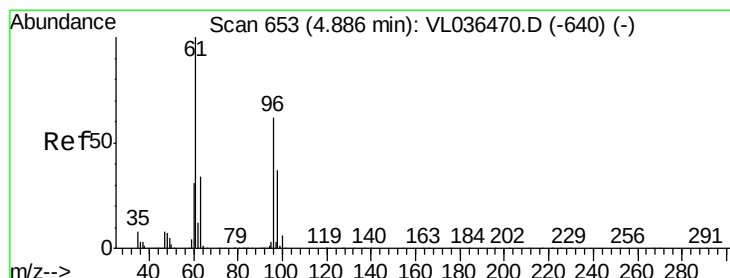
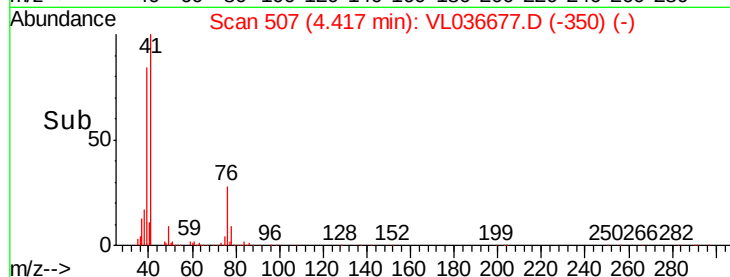
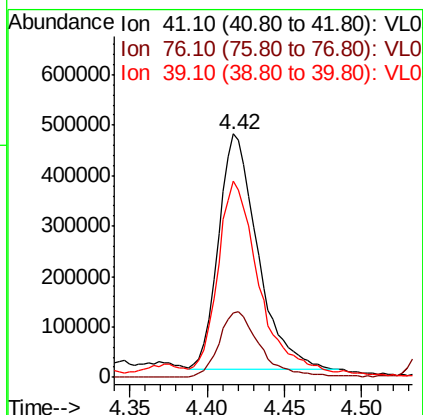
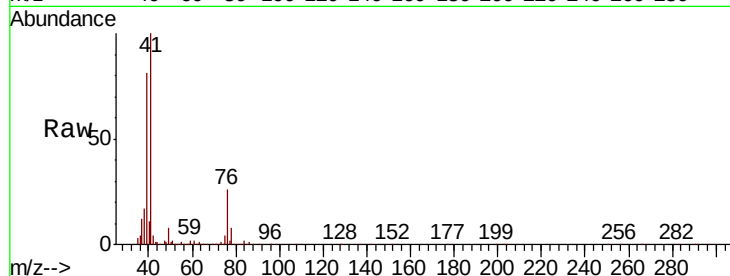




#21
Allvl Chloride
Concen: 7.389 ppbv
RT: 4.42 min Scan# 507
Delta R.T. 0.00 min
Lab File: VL036677.D
Acq: 5 Apr 2021 15:57

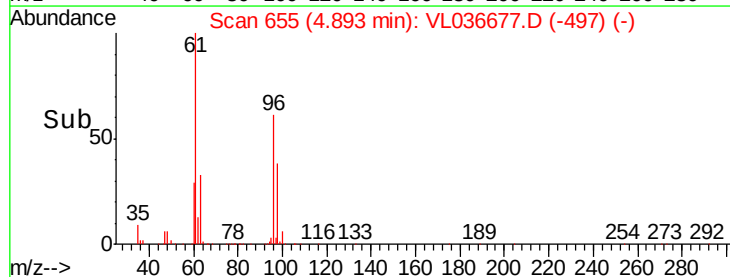
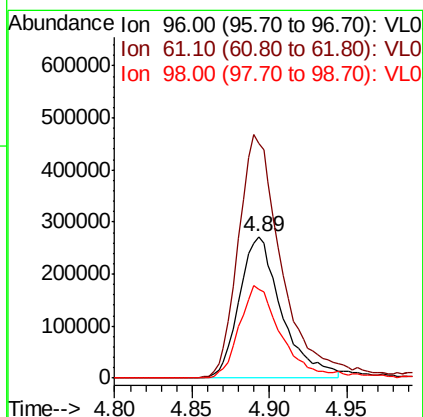
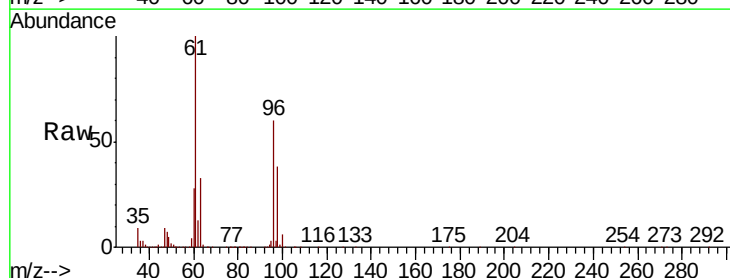
Instrument :
MSVOA_L
ClientSampleId :

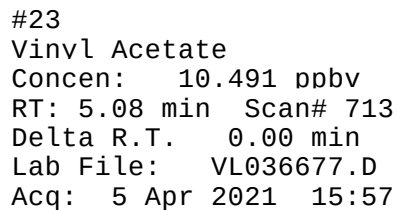
Tot Ion: 41 Resp: 821909
Ion Ratio Lower Upper
41 100
76 29.7 22.9 34.3
39 93.7 67.3 100.9



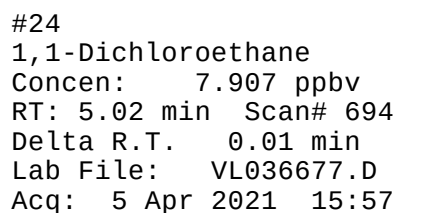
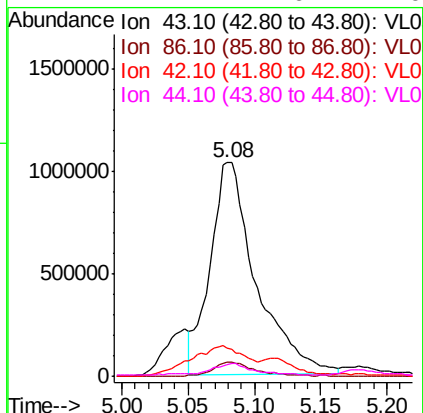
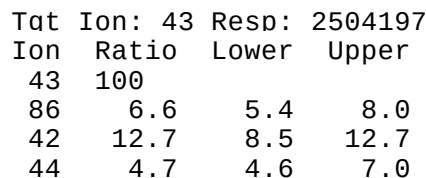
#22
trans-1,2-Dichloroethene
Concen: 8.329 ppbv
RT: 4.89 min Scan# 655
Delta R.T. 0.01 min
Lab File: VL036677.D
Acq: 5 Apr 2021 15:57

Tgt Ion: 96 Resp: 517510
Ion Ratio Lower Upper
96 100
61 165.9 129.4 194.0
98 62.5 48.2 72.4

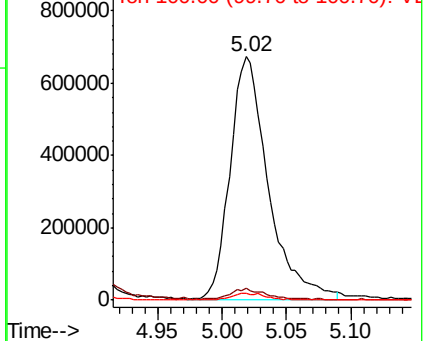
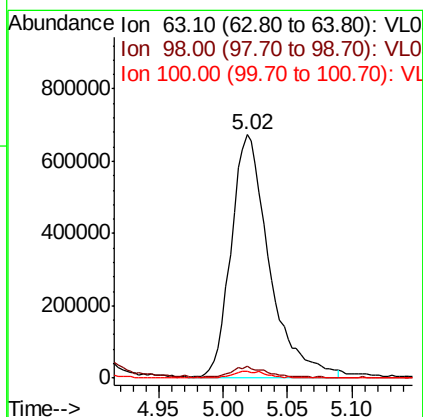


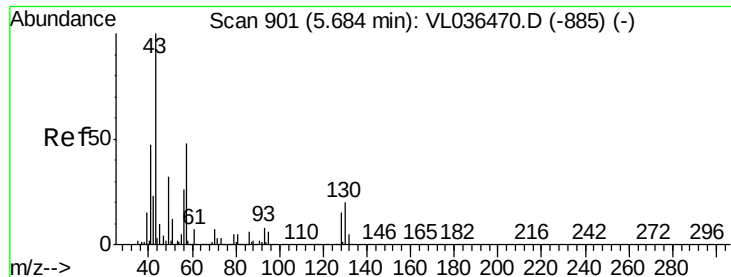


Instrument :
MSVOA_L
ClientSampleId :



Tgt	Ion: 63	Resp: 1375622	
Ion	Ratio	Lower	Upper
63	100		
98	4.6	2.1	6.2
100	2.6	0.9	2.8

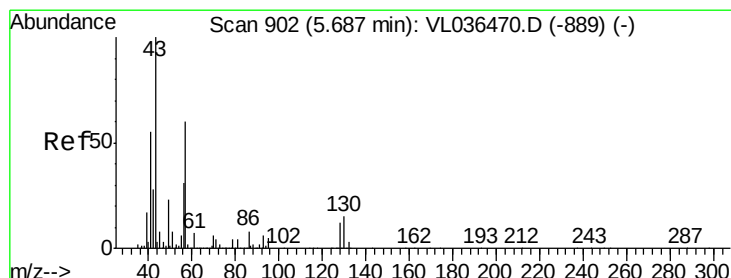
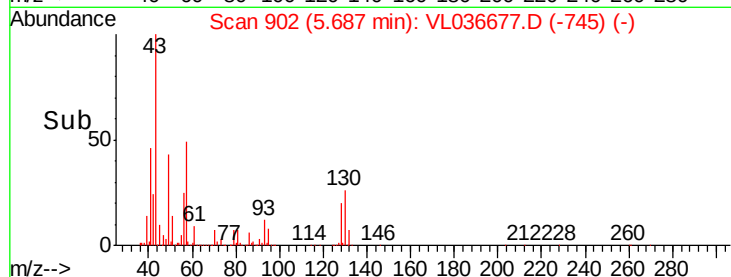
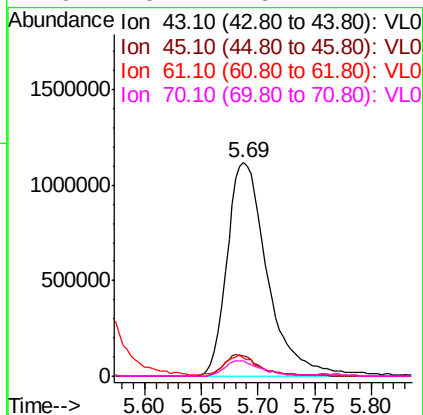
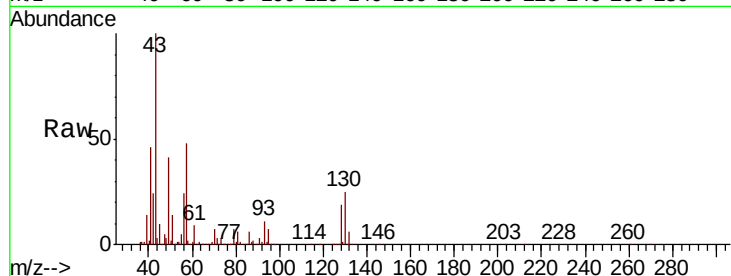




#25
Ethyl Acetate
Concen: 8.262 ppbv
RT: 5.69 min Scan# 902
Delta R.T. 0.00 min
Lab File: VL036677.D
Acq: 5 Apr 2021 15:57

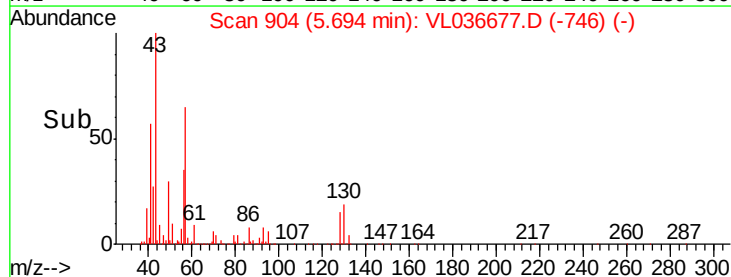
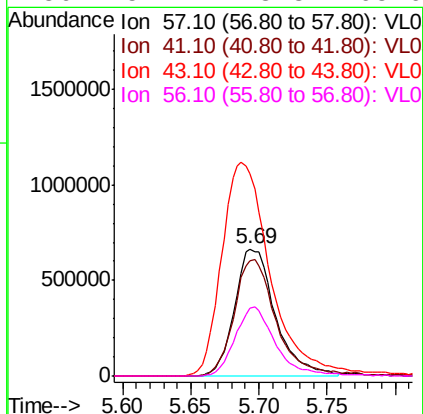
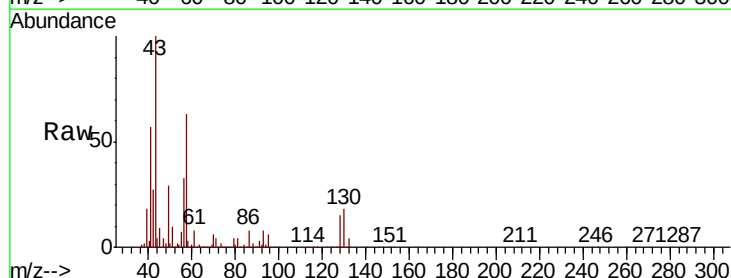
Instrument :
MSVOA_L
ClientSampleId :

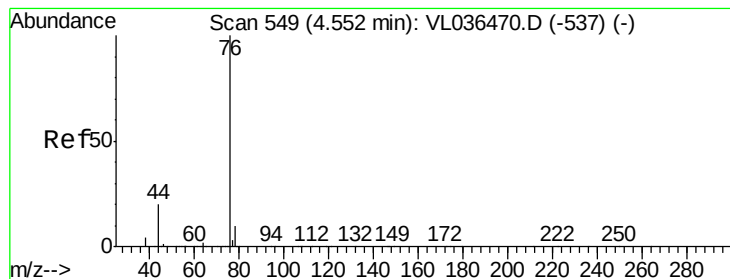
Tot Ion:	43	Resp:	2740961
Ion	Ratio	Lower	Upper
43	100		
45	9.3	7.9	11.9
61	8.9	7.4	11.2
70	6.4	5.1	7.7



#26
Hexane
Concen: 8.966 ppbv
RT: 5.69 min Scan# 904
Delta R.T. 0.01 min
Lab File: VL036677.D
Acq: 5 Apr 2021 15:57

Tgt Ion:	57	Resp:	1380402
Ion	Ratio	Lower	Upper
57	100		
41	95.4	77.2	115.8
43	202.9	173.8	260.6
56	54.2	43.8	65.6





#27

Carbon Disulfide

Concen: 8.107 ppbv

RT: 4.56 min Scan# 550

Delta R.T. 0.00 min

Lab File: VL036677.D

Acq: 5 Apr 2021 15:57

Instrument :

MSVOA_L

ClientSampleId :

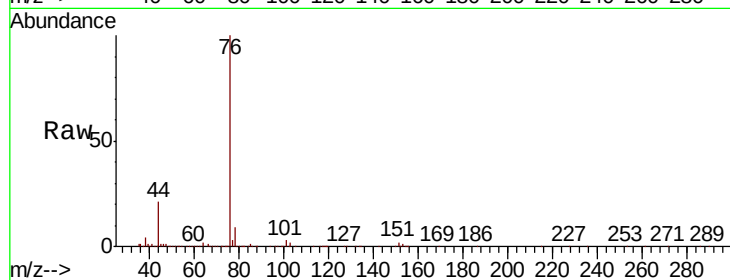
Tot Ion: 76 Resp: 1229583

Ion Ratio Lower Upper

76 100

44 21.0 17.5 26.3

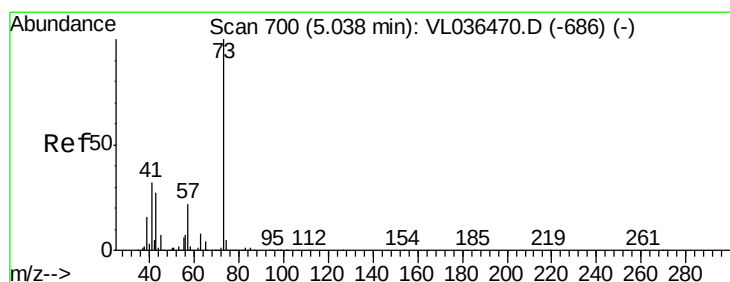
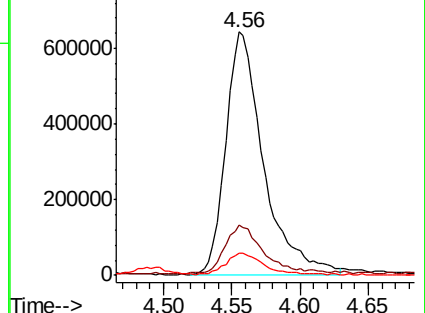
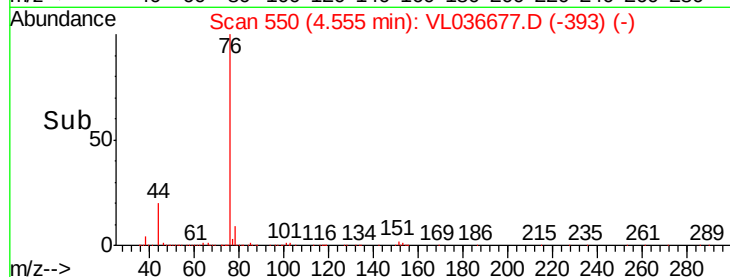
78 9.8 8.6 13.0



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: 8.015 ppbv

RT: 5.04 min Scan# 701

Delta R.T. 0.00 min

Lab File: VL036677.D

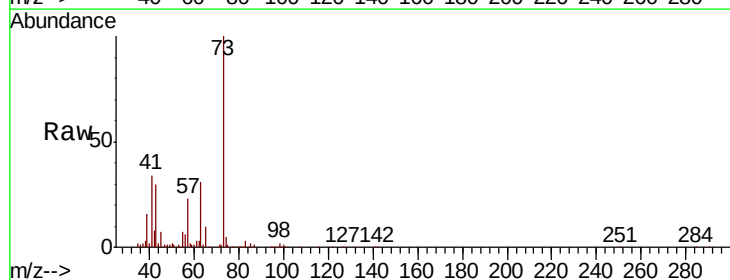
Acq: 5 Apr 2021 15:57

Tgt Ion: 73 Resp: 1455173

Ion Ratio Lower Upper

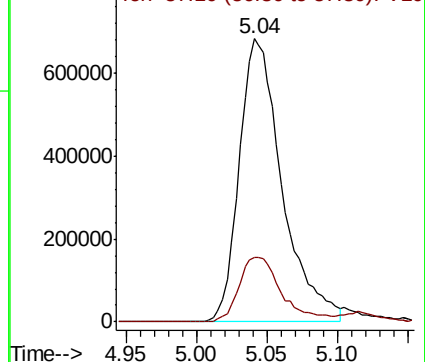
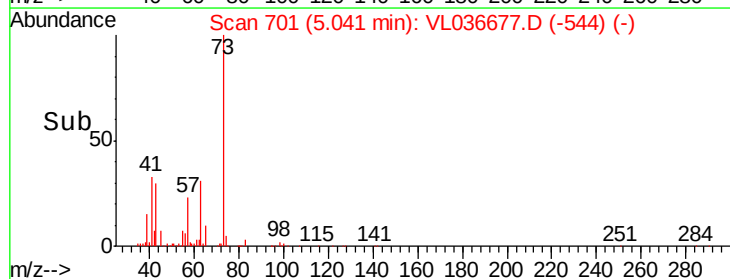
73 100

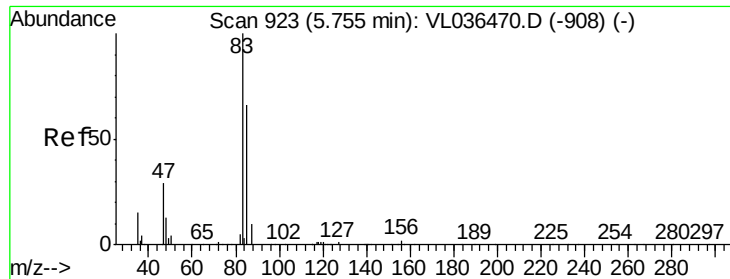
57 22.9 18.5 27.7



Abundance Ion 73.10 (72.80 to 73.80): VL0

Ion 57.10 (56.80 to 57.80): VL0

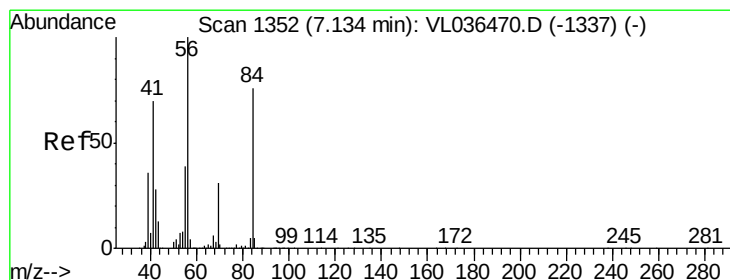
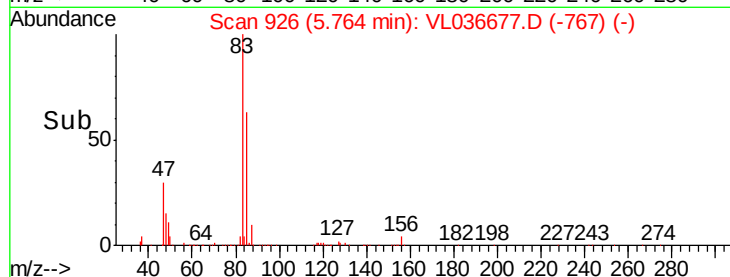
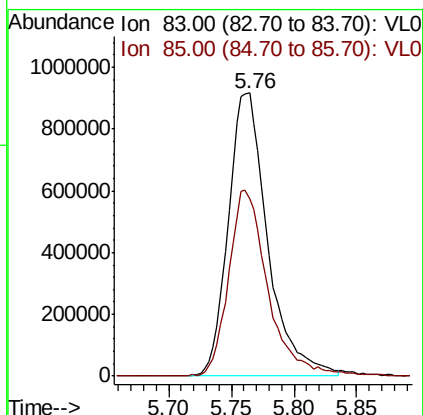
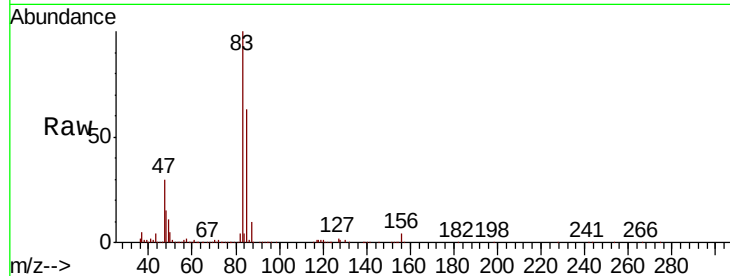




#29
Chloroform
Concen: 8.123 ppbv
RT: 5.76 min Scan# 926
Delta R.T. 0.01 min
Lab File: VL036677.D
Acq: 5 Apr 2021 15:57

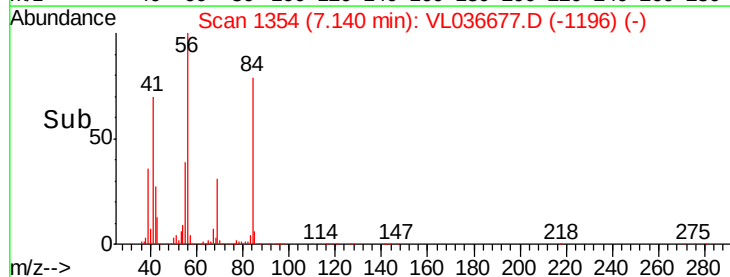
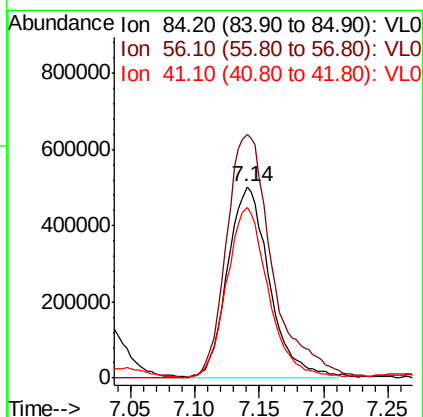
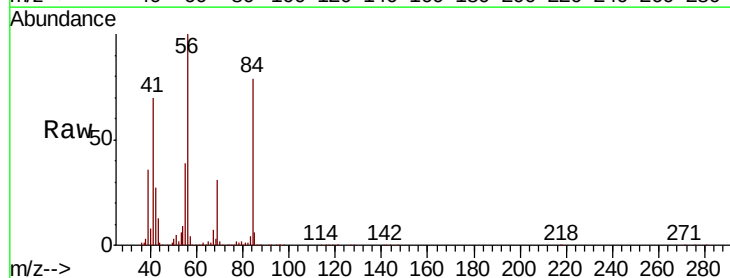
Instrument :
MSVOA_L
ClientSampled :

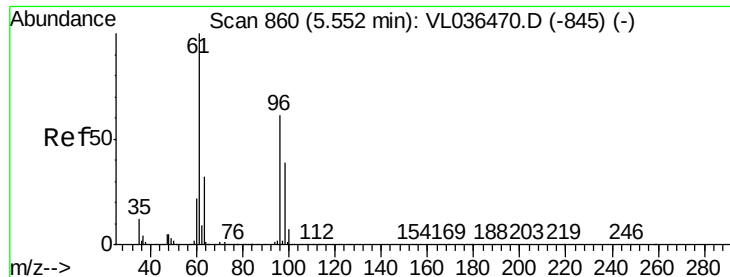
Tot Ion: 83 Resp: 2000069
Ion Ratio Lower Upper
83 100
85 62.5 52.6 78.8



#30
Cyclohexane
Concen: 8.948 ppbv
RT: 7.14 min Scan# 1354
Delta R.T. 0.01 min
Lab File: VL036677.D
Acq: 5 Apr 2021 15:57

Tgt Ion: 84 Resp: 1117276
Ion Ratio Lower Upper
84 100
56 142.6 114.6 171.8
41 89.7 75.3 112.9



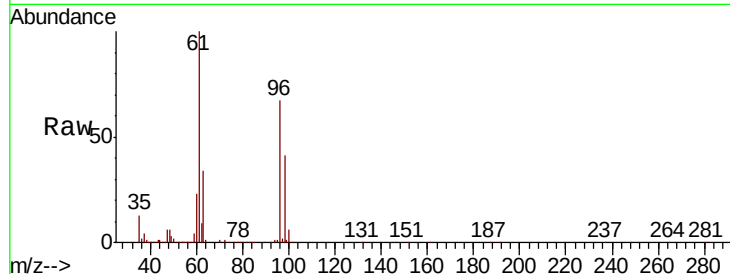


#31

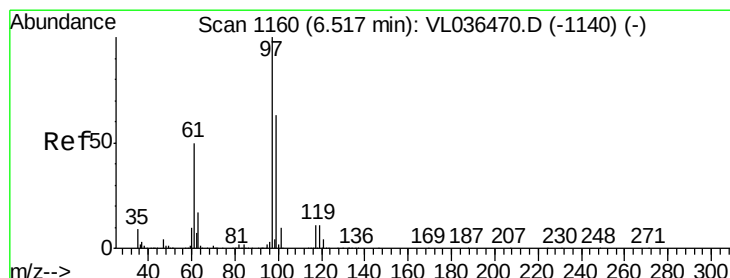
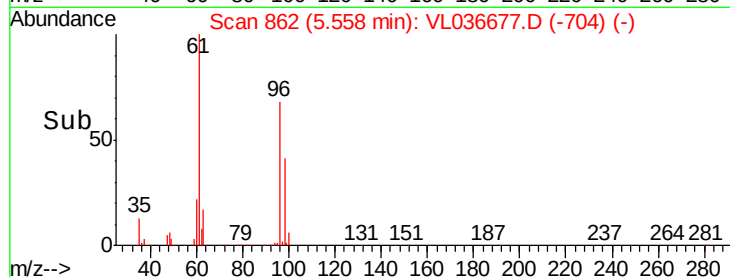
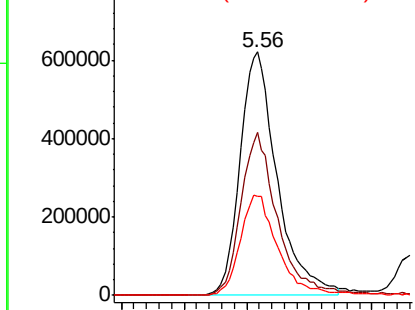
cis-1,2-Dichloroethene
 Concen: 8.553 ppbv
 RT: 5.56 min Scan# 862
 Delta R.T. 0.01 min
 Lab File: VL036677.D
 Acq: 5 Apr 2021 15:57

Instrument :
 MSVOA_L
 ClientSampled :

Tot Ion: 61 Resp: 1273594
 Ion Ratio Lower Upper
 61 100
 96 66.7 48.7 73.1
 98 40.8 31.4 47.0



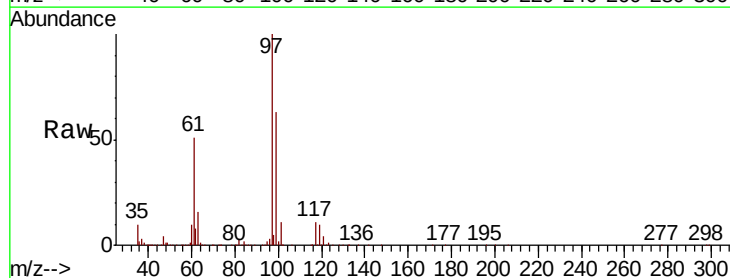
Abundance Ion 61.10 (60.80 to 61.80): VL0
 Ion 96.00 (95.70 to 96.70): VL0
 Ion 98.00 (97.70 to 98.70): VL0



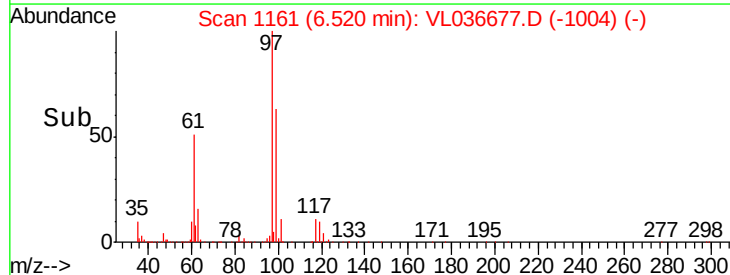
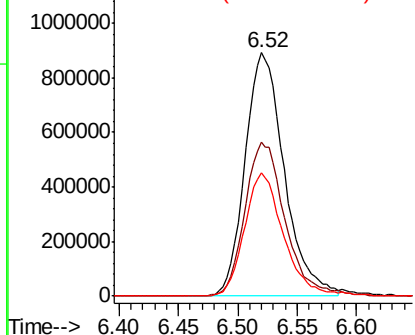
#32

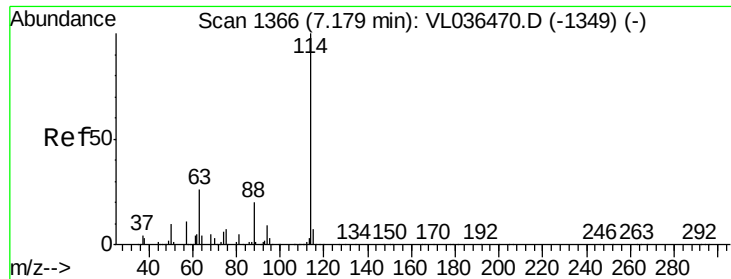
1,1,1-Trichloroethane
 Concen: 8.221 ppbv
 RT: 6.52 min Scan# 1161
 Delta R.T. 0.00 min
 Lab File: VL036677.D
 Acq: 5 Apr 2021 15:57

Tgt Ion: 97 Resp: 2039919
 Ion Ratio Lower Upper
 97 100
 99 65.0 51.4 77.0
 61 50.6 40.6 60.8



Abundance Ion 97.00 (96.70 to 97.70): VL0
 Ion 99.00 (98.70 to 99.70): VL0
 Ion 61.10 (60.80 to 61.80): VL0

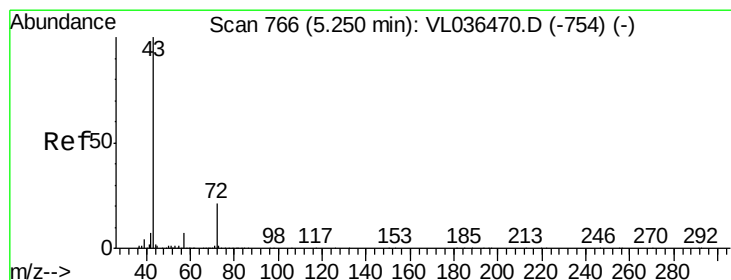
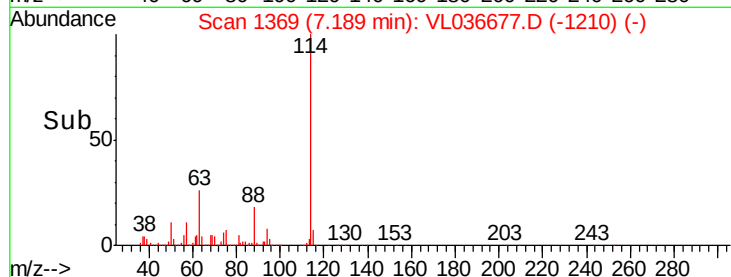
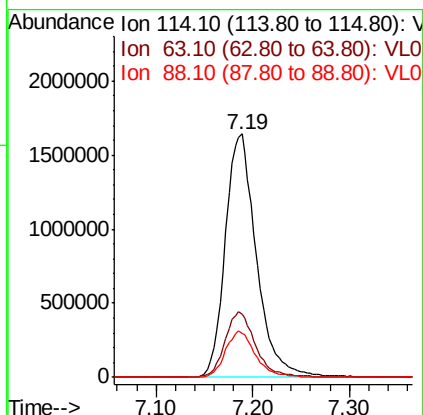
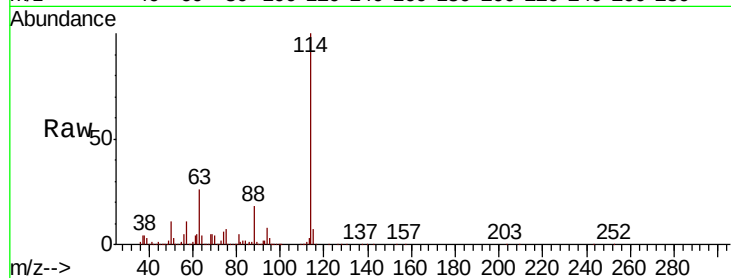




#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.19 min Scan# 1369
 Delta R.T. 0.01 min
 Lab File: VL036677.D
 Acq: 5 Apr 2021 15:57

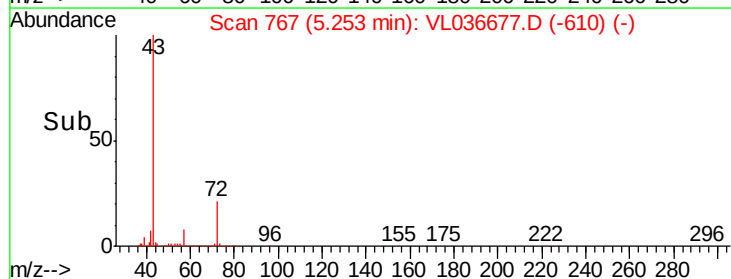
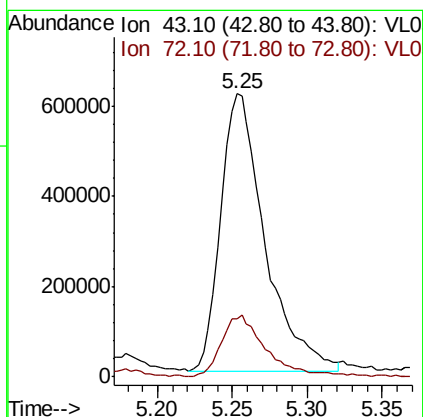
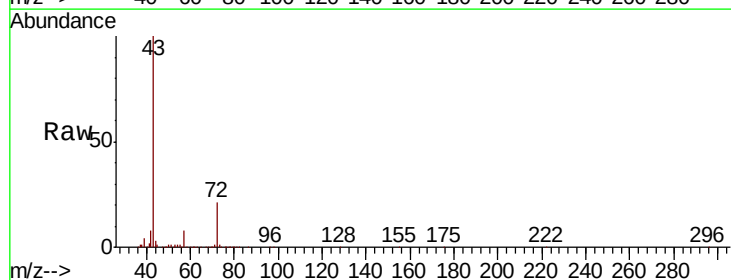
Instrument :
 MSVOA_L
 ClientSampleId :

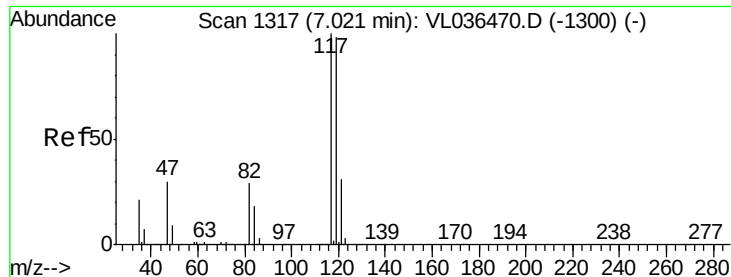
Tot Ion:114 Resp: 3667628
 Ion Ratio Lower Upper
 114 100
 63 26.8 22.4 33.6
 88 18.5 15.4 23.0



#34
 2-Butanone
 Concen: 7.057 ppbv
 RT: 5.25 min Scan# 767
 Delta R.T. 0.00 min
 Lab File: VL036677.D
 Acq: 5 Apr 2021 15:57

Tgt Ion: 43 Resp: 1263433
 Ion Ratio Lower Upper
 43 100
 72 23.6 17.0 25.6





#35

Carbon Tetrachloride

Concen: 7.555 ppbv

RT: 7.03 min Scan# 1319

Delta R.T. 0.01 min

Lab File: VL036677.D

Acq: 5 Apr 2021 15:57

Instrument :

MSVOA_L

ClientSampleId :

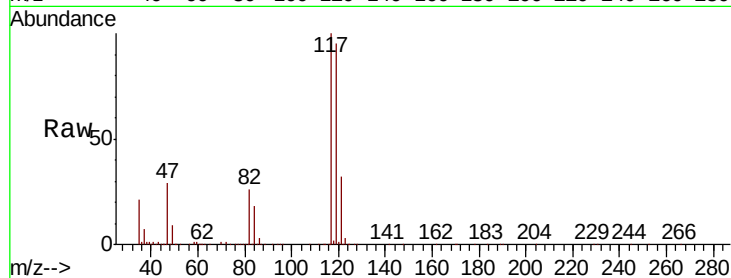
Tot Ion:117 Resp: 2128182

Ion Ratio Lower Upper

117 100

119 95.1 78.2 117.2

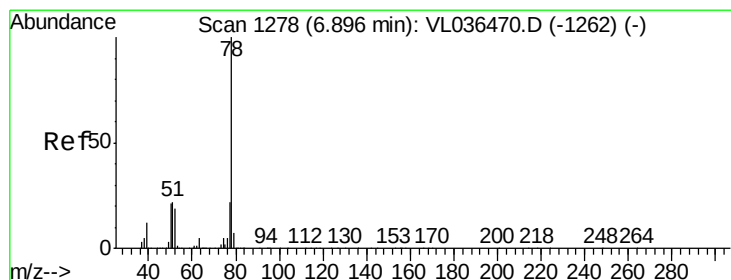
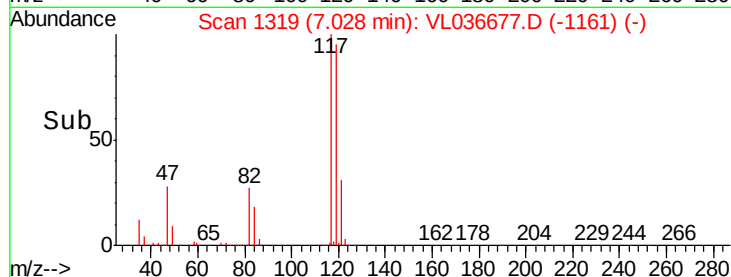
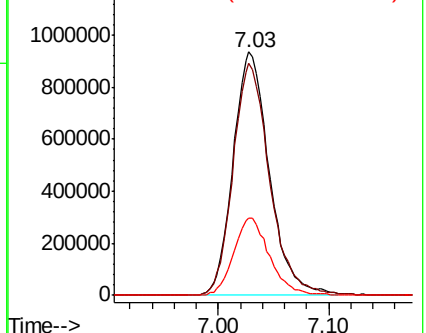
121 31.6 24.5 36.7



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: 8.061 ppbv

RT: 6.90 min Scan# 1280

Delta R.T. 0.01 min

Lab File: VL036677.D

Acq: 5 Apr 2021 15:57

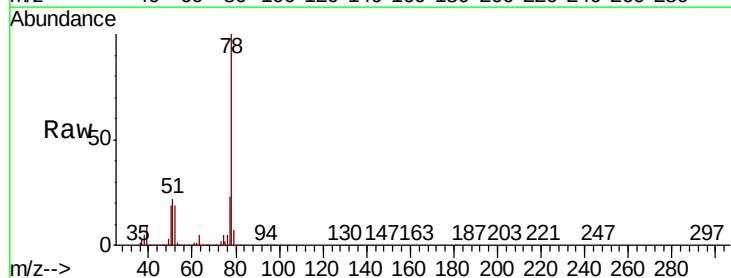
Tgt Ion: 78 Resp: 2726726

Ion Ratio Lower Upper

78 100

77 22.6 18.0 27.0

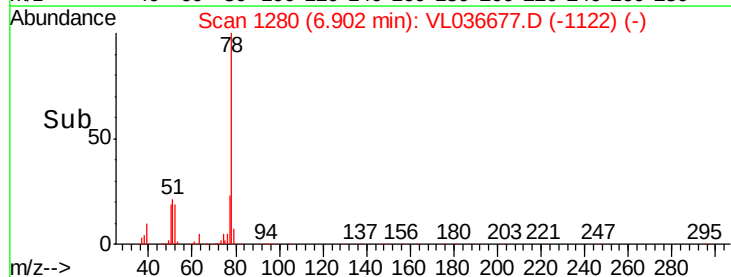
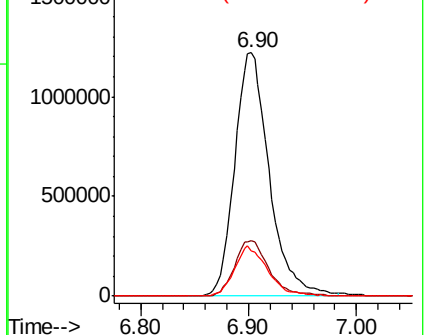
50 18.8 16.5 24.7

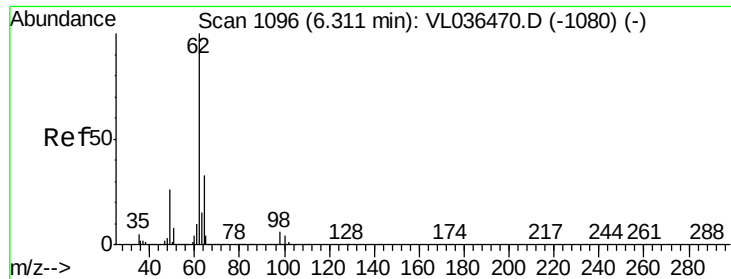


Abundance Ion 78.10 (77.80 to 78.80): VL0

Ion 77.10 (76.80 to 77.80): VL0

Ion 50.10 (49.80 to 50.80): VL0

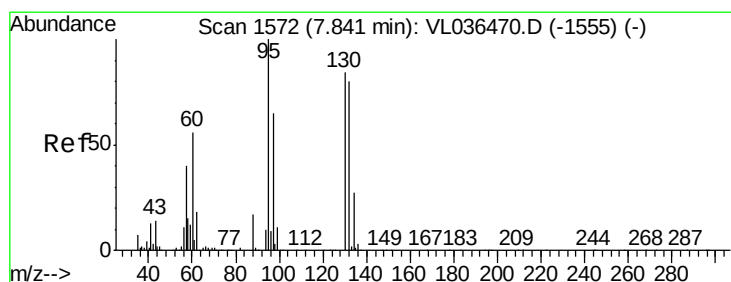
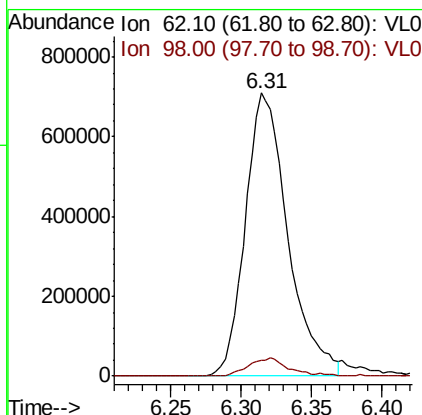
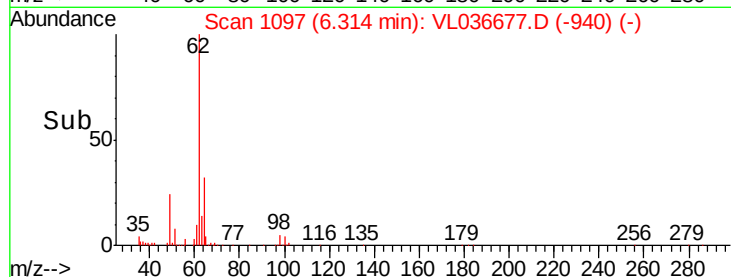
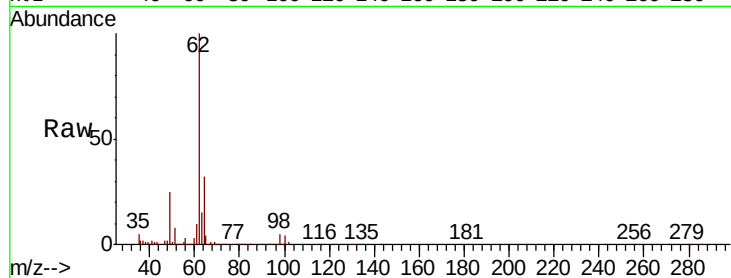




#37
 1,2-Dichloroethane
 Concen: 7.527 ppbv
 RT: 6.31 min Scan# 1097
 Delta R.T. 0.00 min
 Lab File: VL036677.D
 Acq: 5 Apr 2021 15:57

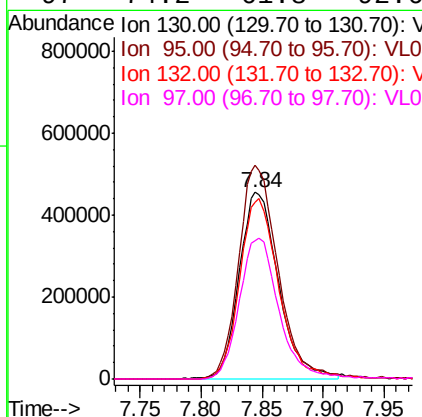
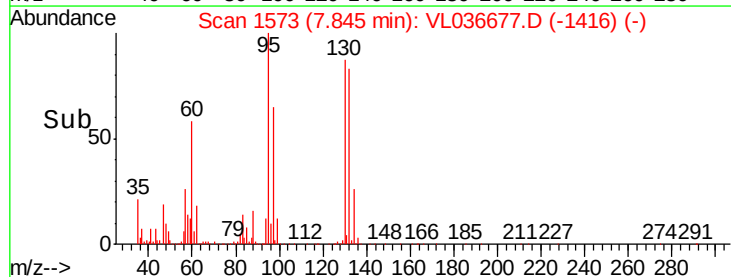
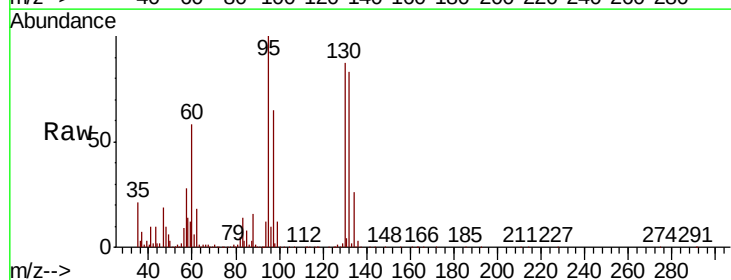
Instrument :
 MSVOA_L
 ClientSampleId :

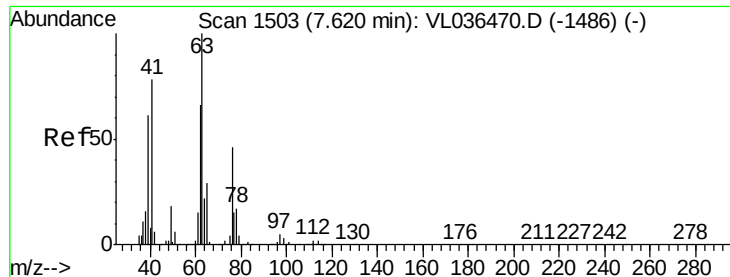
Tot Ion: 62 Resp: 1498473
 Ion Ratio Lower Upper
 62 100
 98 6.4 4.9 7.3



#38
 Trichloroethene
 Concen: 7.635 ppbv
 RT: 7.84 min Scan# 1573
 Delta R.T. 0.00 min
 Lab File: VL036677.D
 Acq: 5 Apr 2021 15:57

Tgt Ion:130 Resp: 1005060
 Ion Ratio Lower Upper
 130 100
 95 114.9 95.7 143.5
 132 95.2 76.2 114.4
 97 74.2 61.8 92.6





#39

1,2-Dichloropropane

Concen: 7.697 ppbv

RT: 7.63 min Scan# 1505

Delta R.T. 0.01 min

Lab File: VL036677.D

Acq: 5 Apr 2021 15:57

Instrument :

MSVOA_L

ClientSampleId :

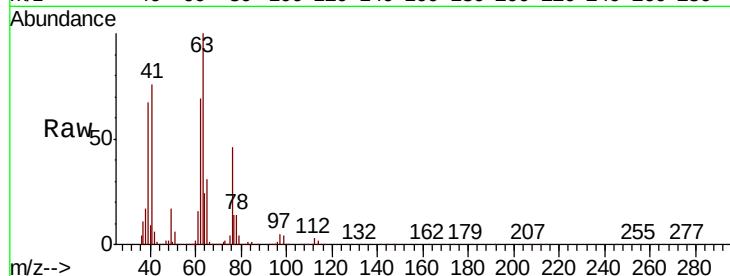
Tot Ion: 63 Resp: 1056063

Ion Ratio Lower Upper

63 100

41 76.0 62.4 93.6

62 69.3 52.8 79.2

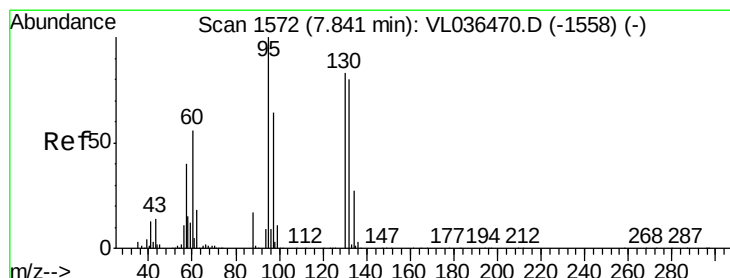
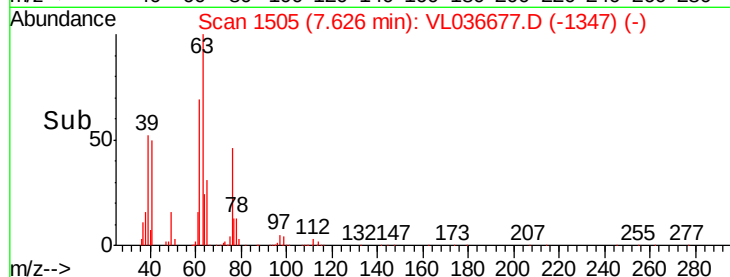
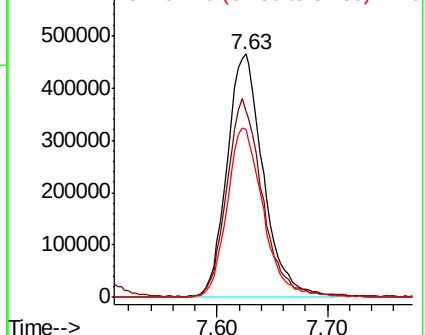


Abundance

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: 3.176 ppbv

RT: 7.84 min Scan# 1573

Delta R.T. 0.00 min

Lab File: VL036677.D

Acq: 5 Apr 2021 15:57

Tgt Ion: 88 Resp: 101436

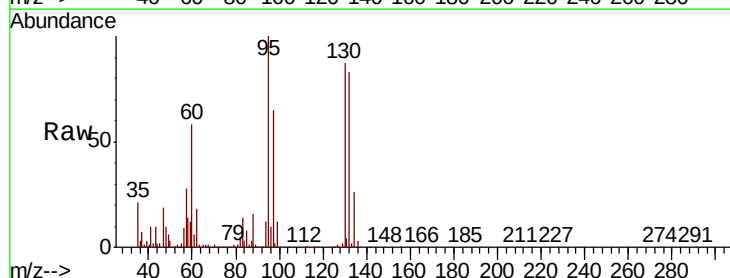
Ion Ratio Lower Upper

88 100

58 0.0 134.1 201.1#

43 0.0 346.6 520.0#

57 0.0 1481.8 2222.8#



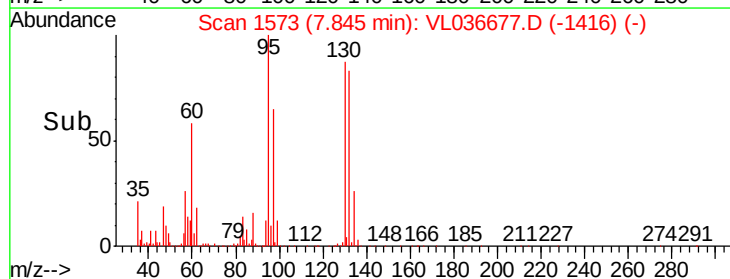
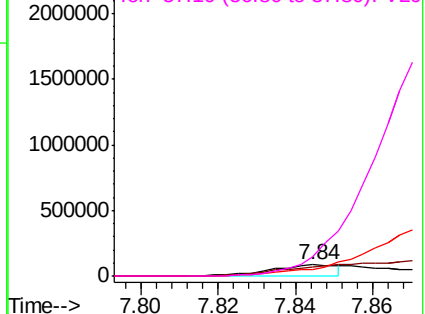
Abundance

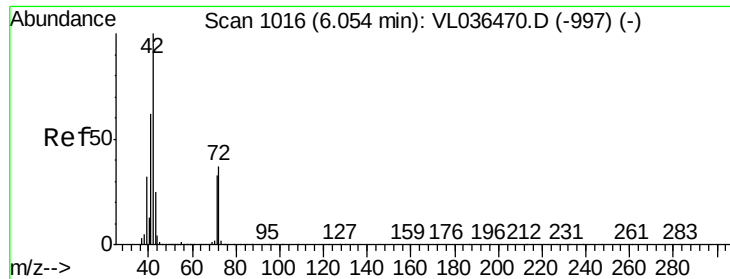
Ion 88.10 (87.80 to 88.80): VL0

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

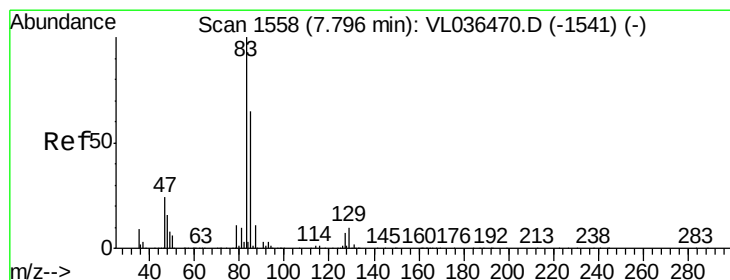
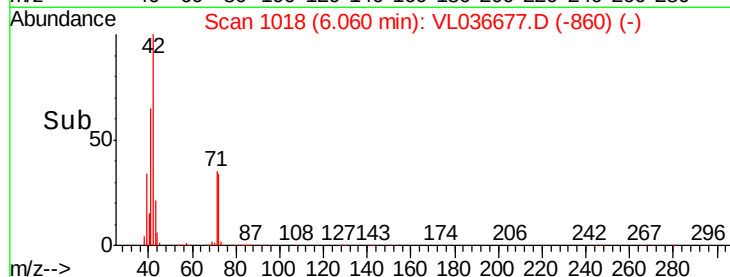
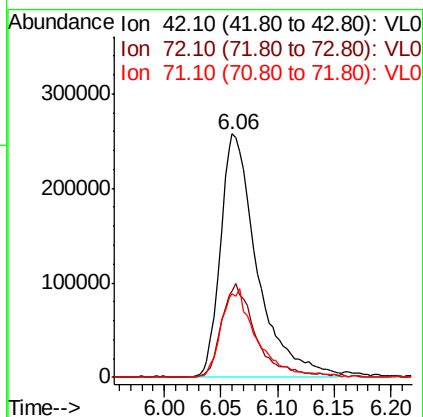
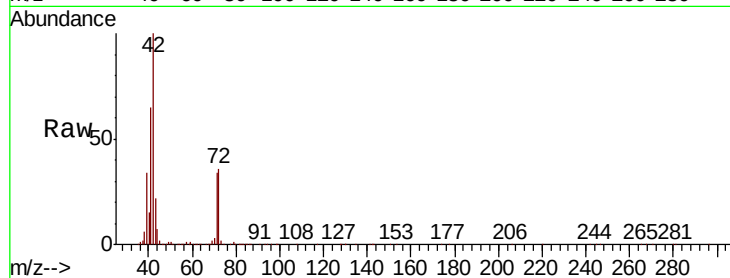




#41
Tetrahydrofuran
Concen: 6.990 ppbv
RT: 6.06 min Scan# 1018
Delta R.T. 0.01 min
Lab File: VL036677.D
Acq: 5 Apr 2021 15:57

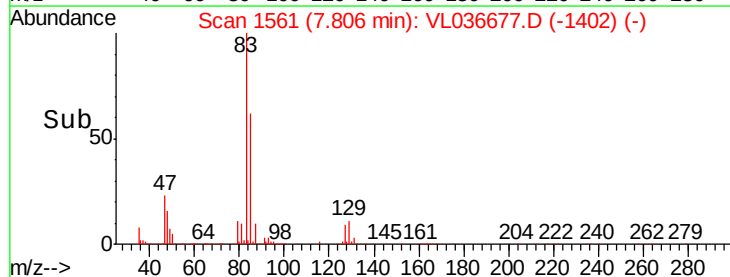
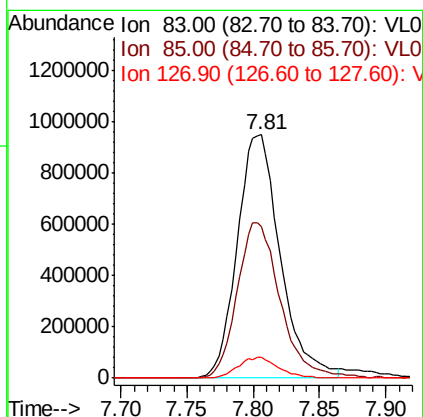
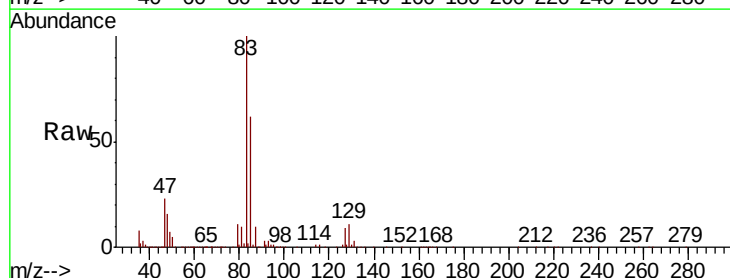
Instrument :
MSVOA_L
ClientSampleId :

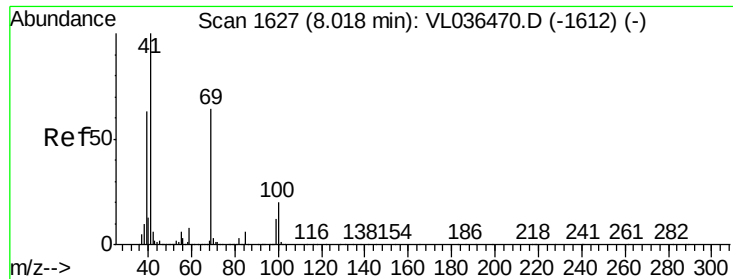
Tot Ion	Ratio	Lower	Upper
42	100		
72	36.9	27.6	41.4
71	35.7	27.0	40.4



#42
Bromodichloromethane
Concen: 7.928 ppbv
RT: 7.81 min Scan# 1561
Delta R.T. 0.01 min
Lab File: VL036677.D
Acq: 5 Apr 2021 15:57

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.0	51.8	77.6
127	8.6	5.8	8.8





#43

Methyl Methacrylate

Concen: 8.973 ppbv

RT: 8.02 min Scan# 1629

Delta R.T. 0.01 min

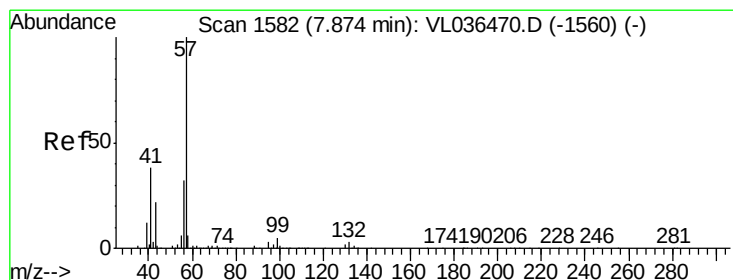
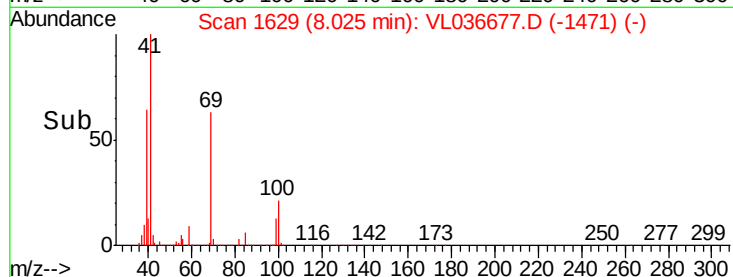
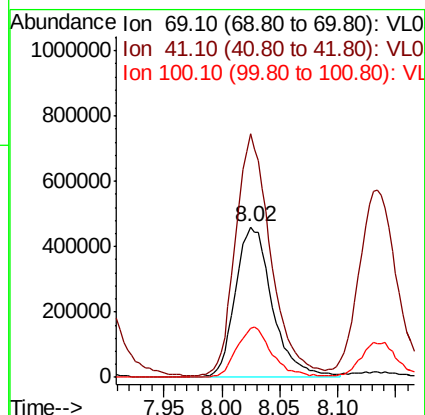
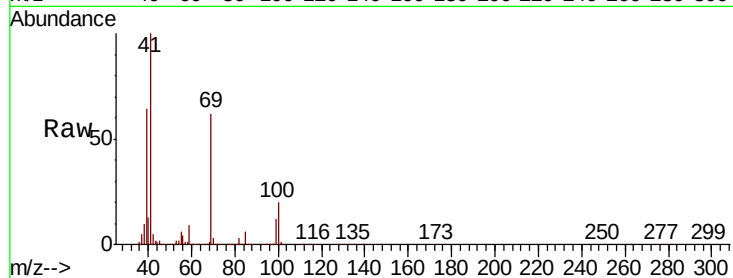
Lab File: VL036677.D

Acq: 5 Apr 2021 15:57

Instrument :
MSVOA_L
ClientSampled :

Tot Ion: 69 Resp: 1019241

Ion	Ratio	Lower	Upper
69	100		
41	155.6	126.8	190.2
100	32.2	24.9	37.3



#44

2,2,4-Trimethylpentane

Concen: 8.571 ppbv

RT: 7.88 min Scan# 1584

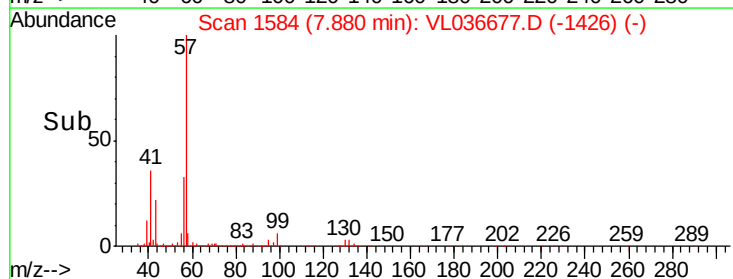
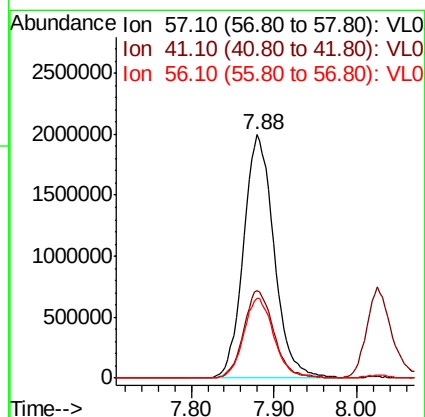
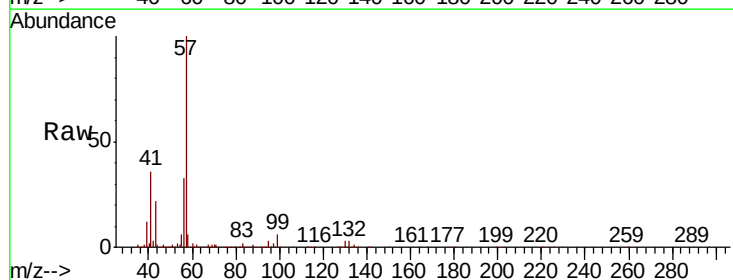
Delta R.T. 0.01 min

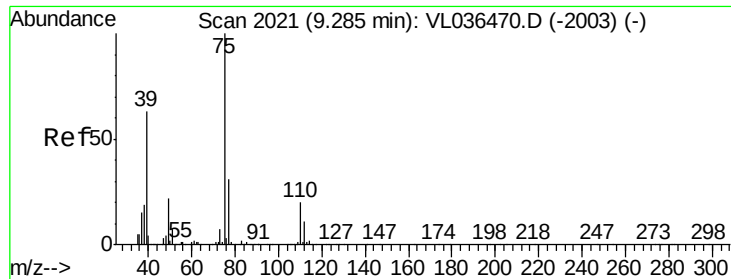
Lab File: VL036677.D

Acq: 5 Apr 2021 15:57

Tgt Ion: 57 Resp: 5102251

Ion	Ratio	Lower	Upper
57	100		
41	35.7	28.8	43.2
56	32.4	26.1	39.1

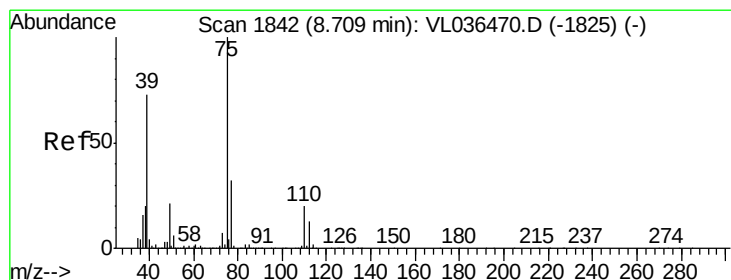
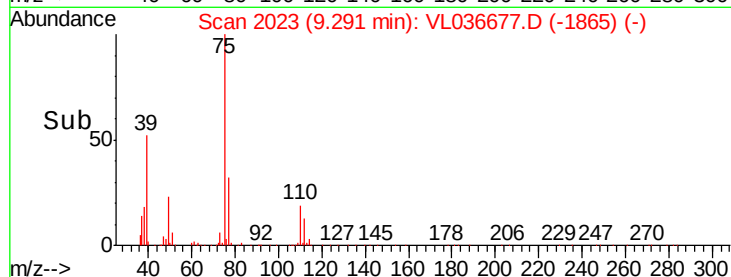
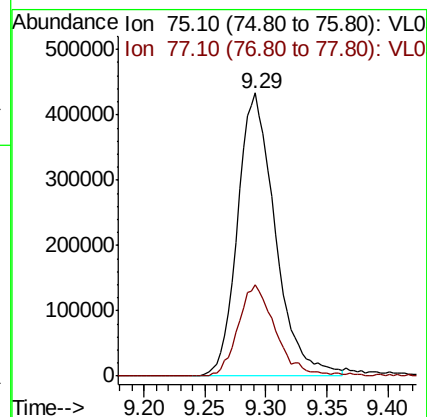
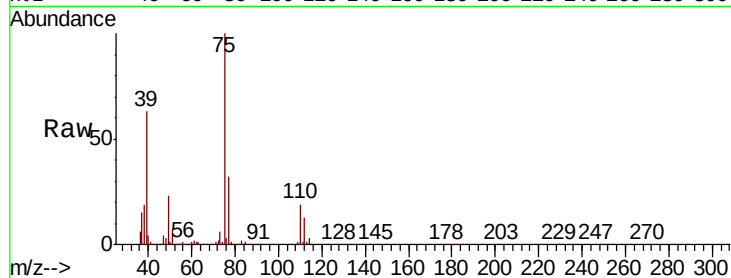




#45
 t-1,3-Dichloropropene
 Concen: 7.137 ppbv
 RT: 9.29 min Scan# 2023
 Delta R.T. 0.01 min
 Lab File: VL036677.D
 Acq: 5 Apr 2021 15:57

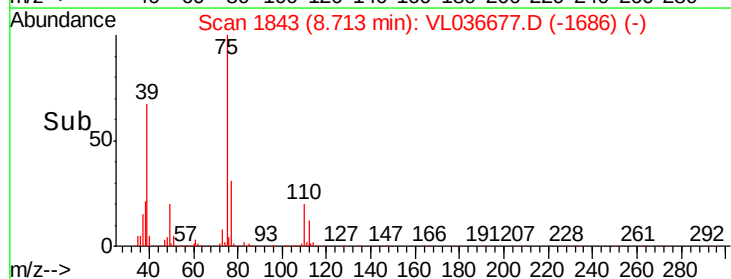
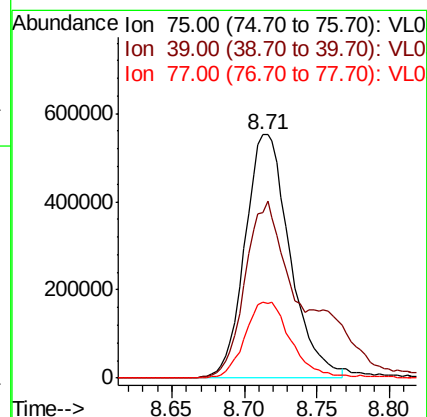
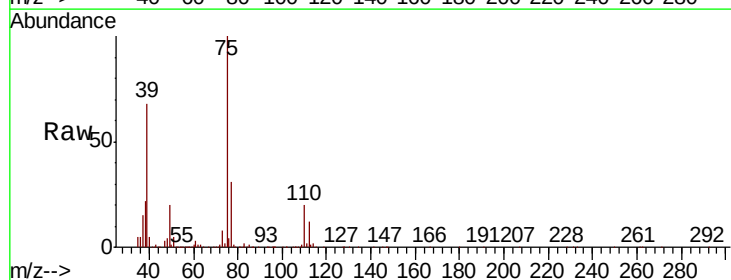
Instrument :
 MSVOA_L
 ClientSampled :

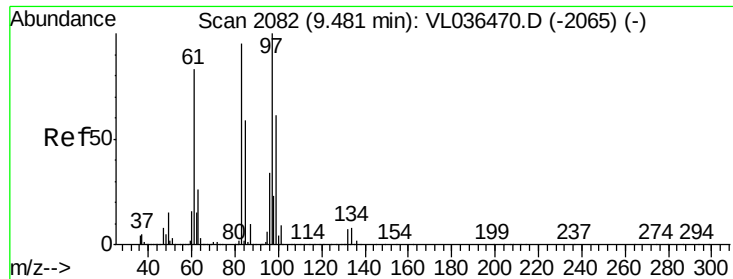
Tot Ion: 75 Resp: 925618
 Ion Ratio Lower Upper
 75 100
 77 32.2 25.1 37.7



#46
 cis-1,3-Dichloropropene
 Concen: 7.175 ppbv
 RT: 8.71 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VL036677.D
 Acq: 5 Apr 2021 15:57

Tgt Ion: 75 Resp: 1189526
 Ion Ratio Lower Upper
 75 100
 39 68.0 58.2 87.2
 77 31.3 25.2 37.8

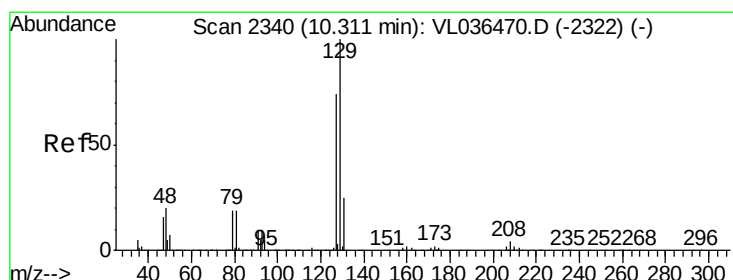
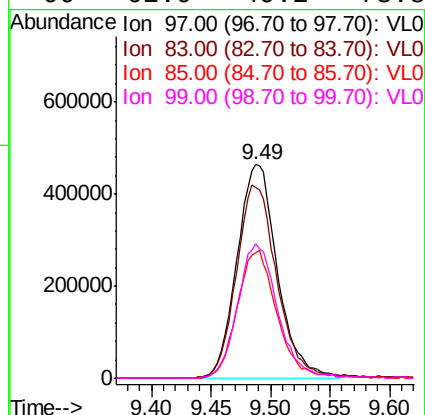
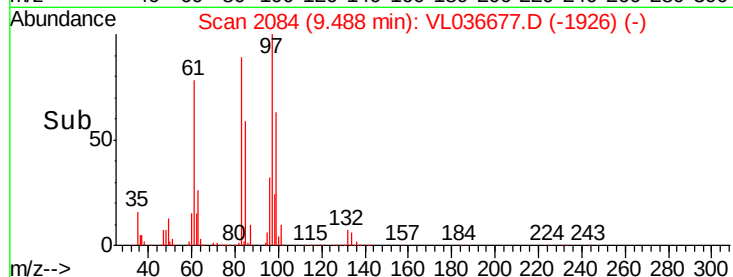
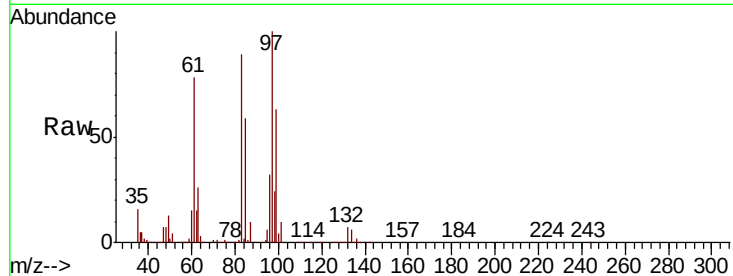




#47
 1,1,2-Trichloroethane
 Concen: 7.838 ppbv
 RT: 9.49 min Scan# 2084
 Delta R.T. 0.01 min
 Lab File: VL036677.D
 Acq: 5 Apr 2021 15:57

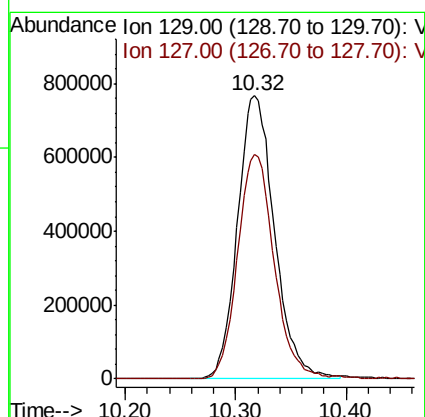
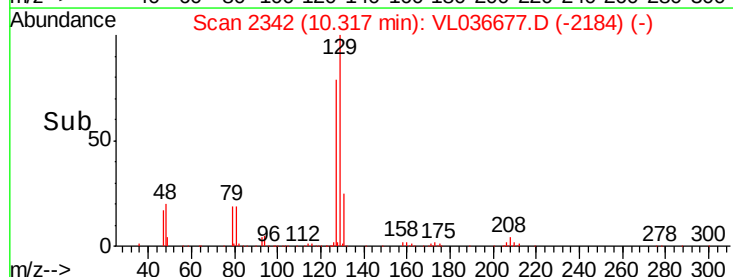
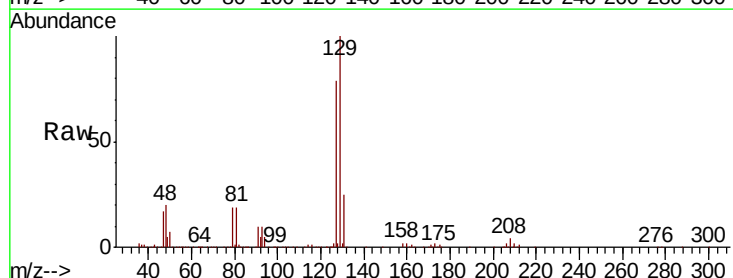
Instrument :
 MSVOA_L
 ClientSampleId :

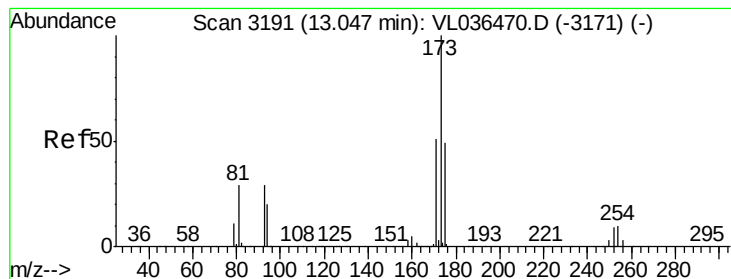
Tot Ion: 97 Resp: 1089376
 Ion Ratio Lower Upper
 97 100
 83 88.8 75.8 113.8
 85 58.5 47.1 70.7
 99 62.9 49.2 73.8



#48
 Dibromochloromethane
 Concen: 8.407 ppbv
 RT: 10.32 min Scan# 2342
 Delta R.T. 0.01 min
 Lab File: VL036677.D
 Acq: 5 Apr 2021 15:57

Tgt Ion: 129 Resp: 1781107
 Ion Ratio Lower Upper
 129 100
 127 78.8 39.6 118.8





#49

Bromoform

Concen: 8.373 ppbv

RT: 13.06 min Scan# 3194

Delta R.T. 0.01 min

Lab File: VL036677.D

Acq: 5 Apr 2021 15:57

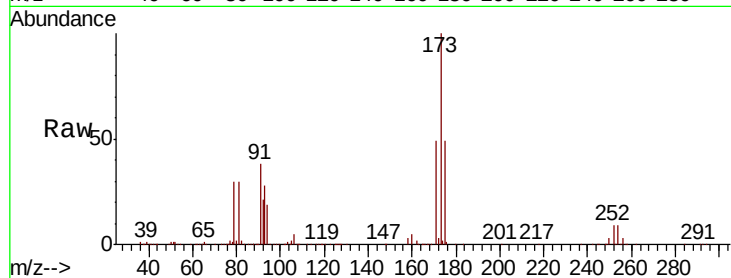
Instrument :

MSVOA_L

ClientSampleId :

Tot Ion:173 Resp: 1429237

Ion	Ratio	Lower	Upper
173	100		
175	50.1	39.6	59.4
171	53.0	41.4	62.0

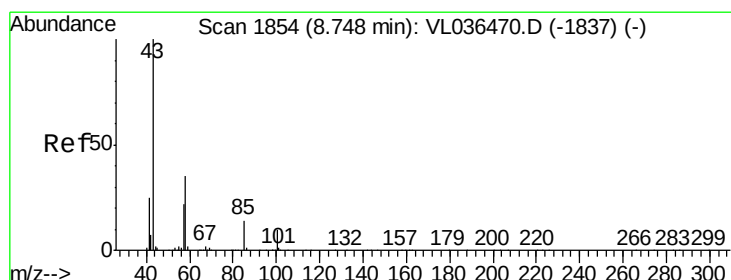
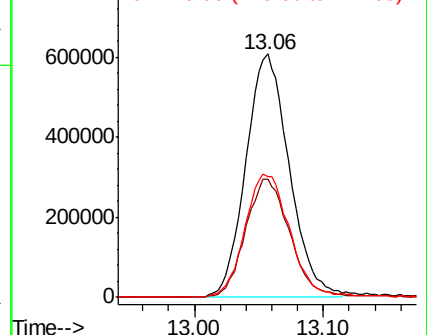
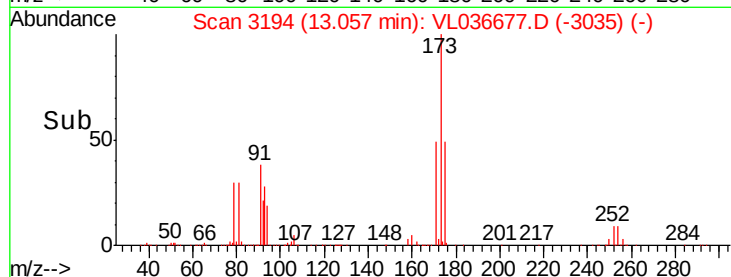


Abundance

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: 7.575 ppbv

RT: 8.76 min Scan# 1857

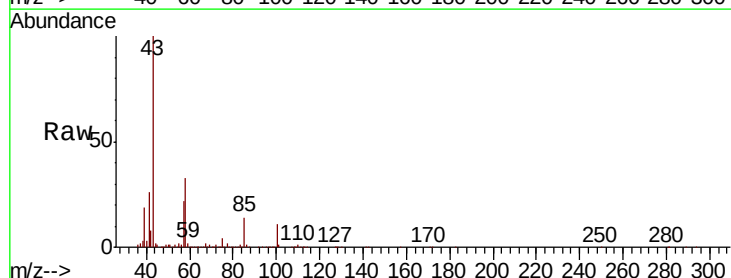
Delta R.T. 0.01 min

Lab File: VL036677.D

Acq: 5 Apr 2021 15:57

Tgt Ion: 43 Resp: 1962364

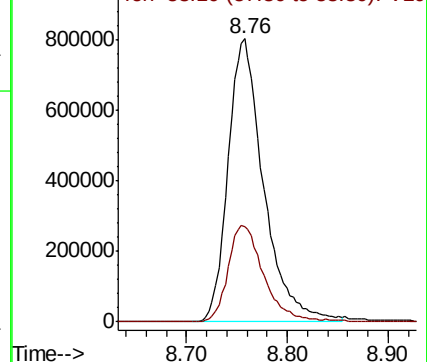
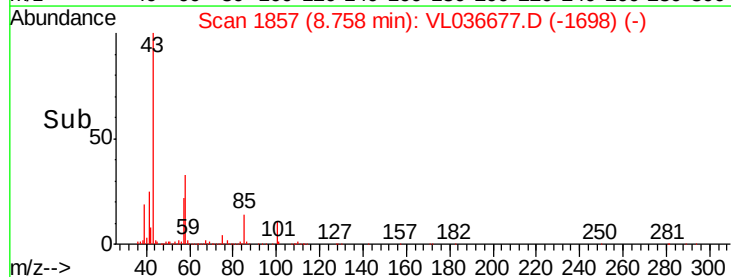
Ion	Ratio	Lower	Upper
43	100		
58	34.6	28.2	42.2

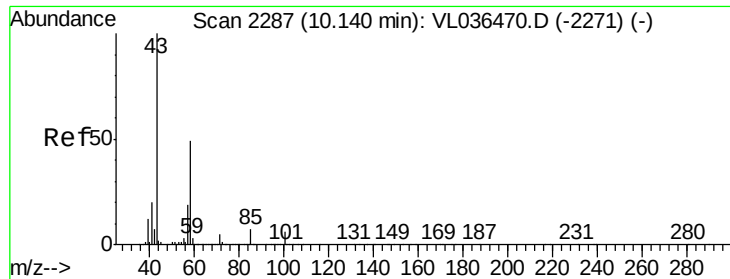


Abundance

Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

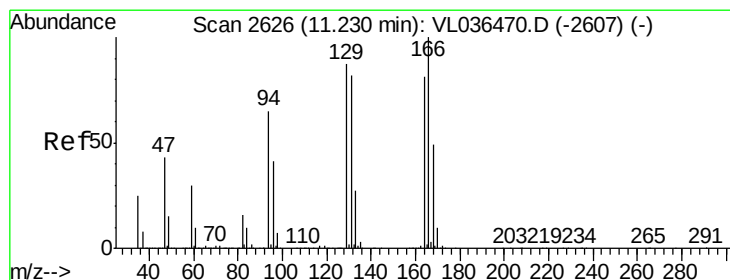
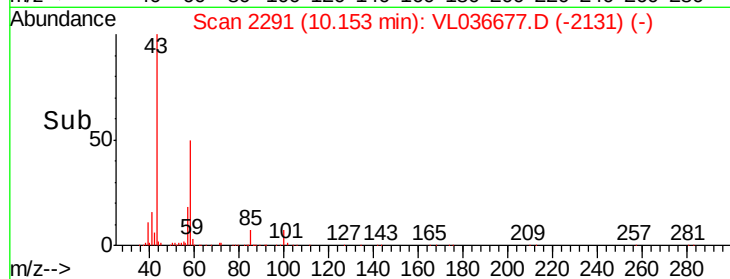
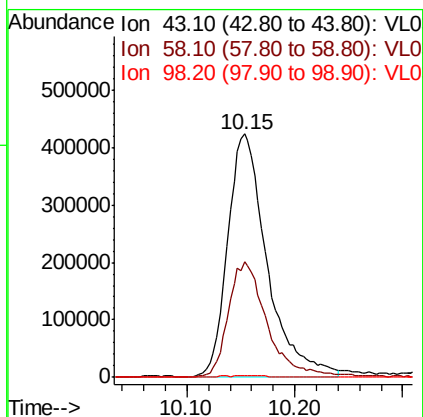
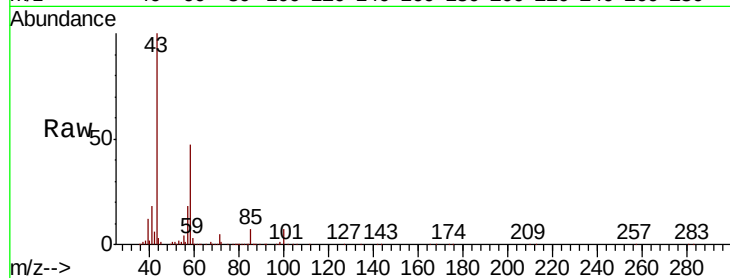




#51
2-Hexanone
Concen: 8.221 ppbv
RT: 10.15 min Scan# 2291
Delta R.T. 0.01 min
Lab File: VL036677.D
Acq: 5 Apr 2021 15:57

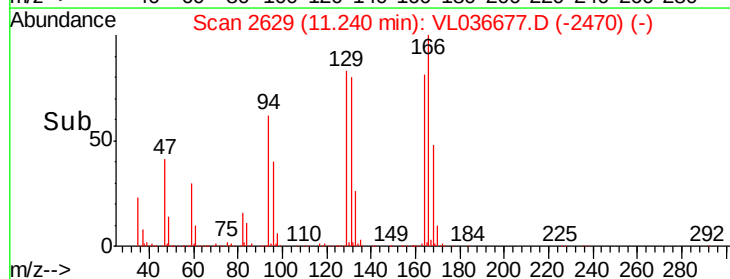
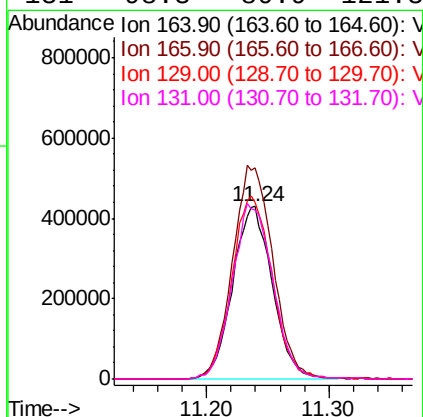
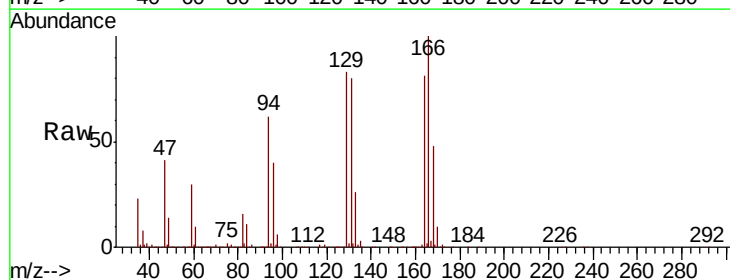
Instrument :
MSVOA_L
ClientSampleId :

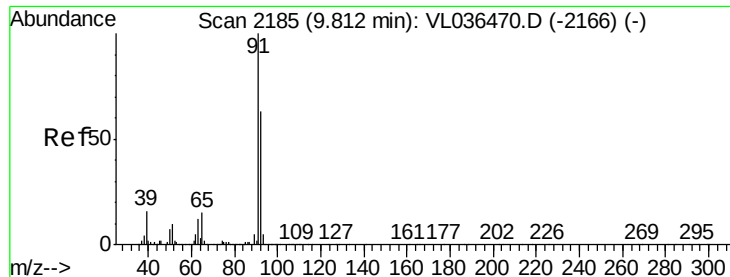
Tot Ion: 43 Resp: 1074695
Ion Ratio Lower Upper
43 100
58 47.8 37.7 56.5
98 0.8 0.2 0.2#



#52
Tetrachloroethene
Concen: 7.686 ppbv
RT: 11.24 min Scan# 2629
Delta R.T. 0.01 min
Lab File: VL036677.D
Acq: 5 Apr 2021 15:57

Tgt Ion:164 Resp: 957375
Ion Ratio Lower Upper
164 100
166 122.9 98.3 147.5
129 102.3 85.8 128.8
131 98.3 80.9 121.3





#53

Toluene

Concen: 8.549 ppbv

RT: 9.82 min Scan# 2187

Delta R.T. 0.01 min

Lab File: VL036677.D

Acq: 5 Apr 2021 15:57

Instrument :

MSVOA_L

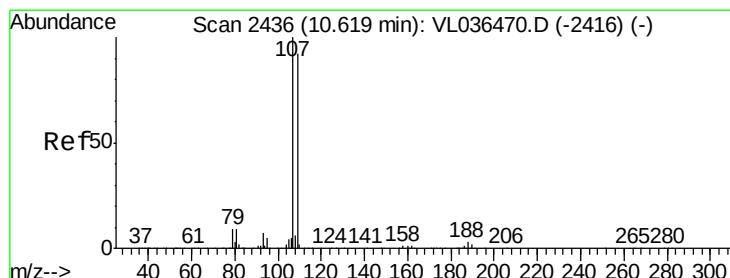
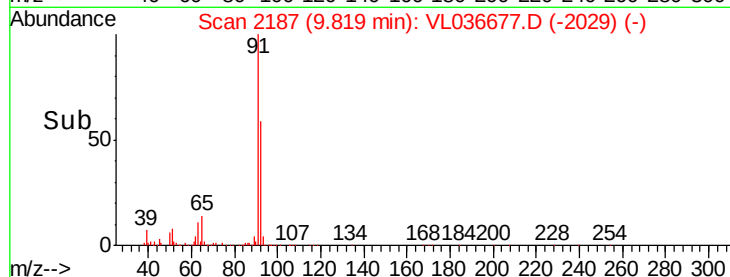
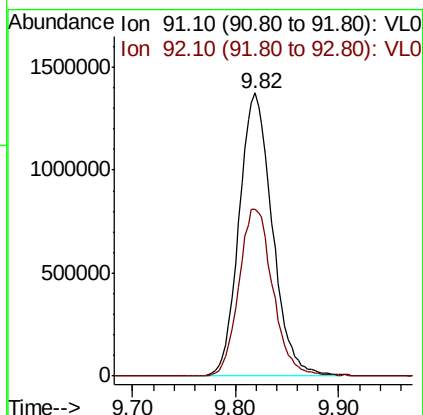
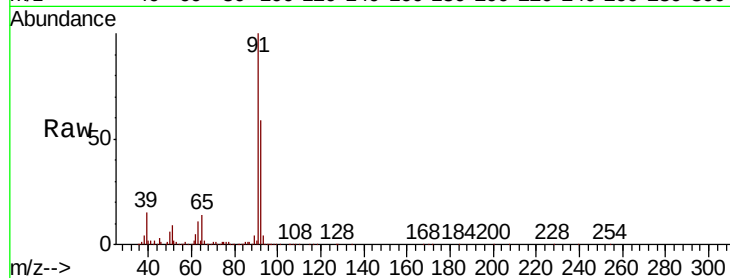
ClientSampled :

Tot Ion: 91 Resp: 3079456

Ion Ratio Lower Upper

91 100

92 60.6 48.8 73.2



#54

1,2-Dibromoethane

Concen: 8.077 ppbv

RT: 10.63 min Scan# 2438

Delta R.T. 0.01 min

Lab File: VL036677.D

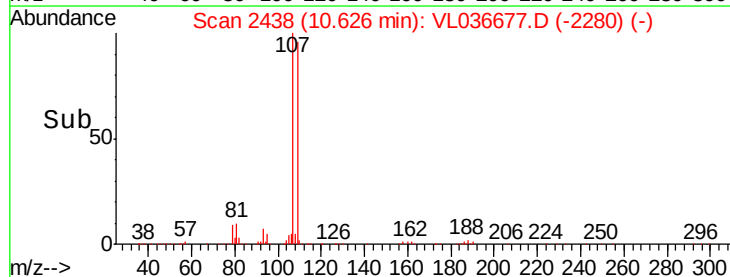
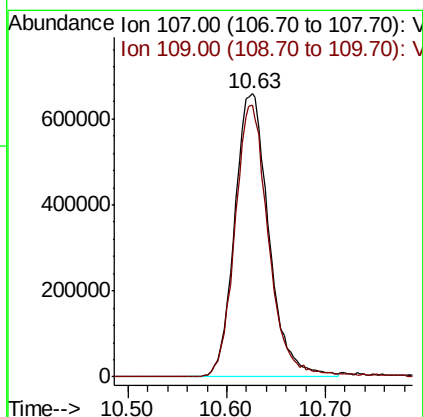
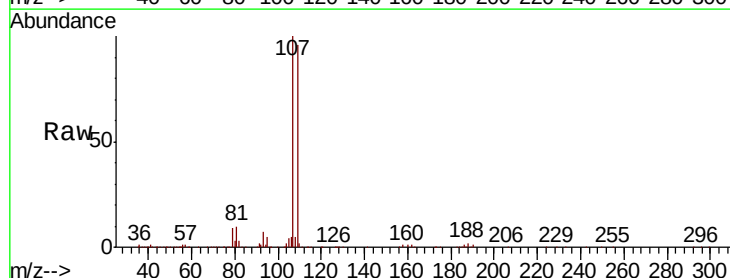
Acq: 5 Apr 2021 15:57

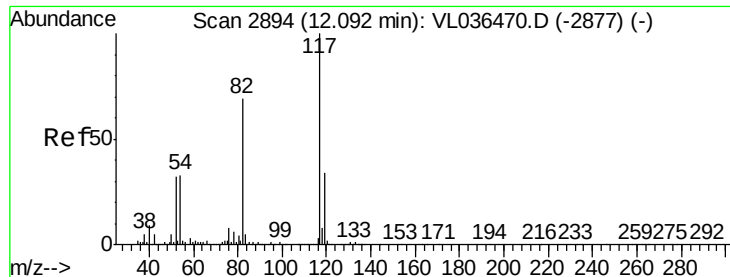
Tgt Ion: 107 Resp: 1585336

Ion Ratio Lower Upper

107 100

109 96.2 73.9 110.9





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.10 min Scan# 2897

Delta R.T. 0.01 min

Lab File: VL036677.D

Acq: 5 Apr 2021 15:57

Instrument :

MSVOA_L

ClientSampleId :

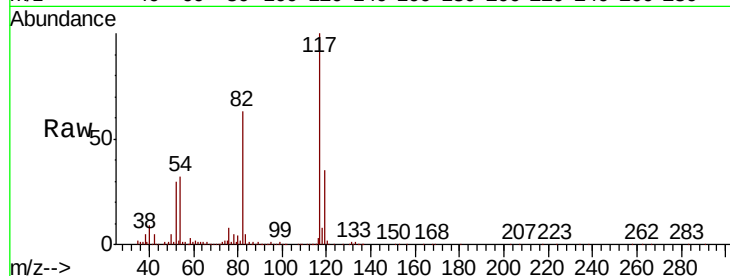
Tot Ion:117 Resp: 4095500

Ion Ratio Lower Upper

117 100

82 55.2 57.4 86.0#

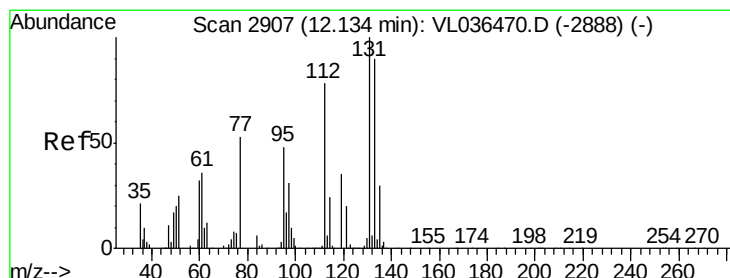
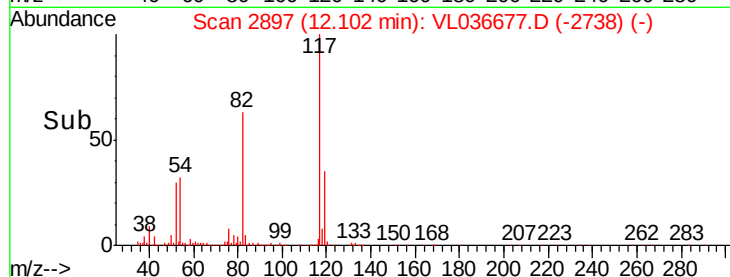
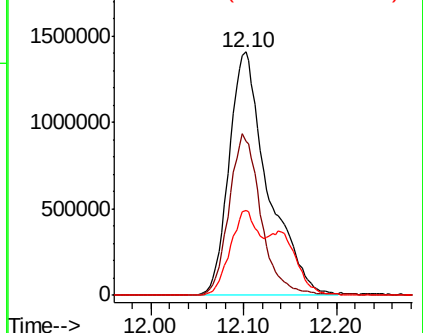
119 46.2 47.4 71.0#



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: 6.756 ppbv

RT: 12.14 min Scan# 2909

Delta R.T. 0.01 min

Lab File: VL036677.D

Acq: 5 Apr 2021 15:57

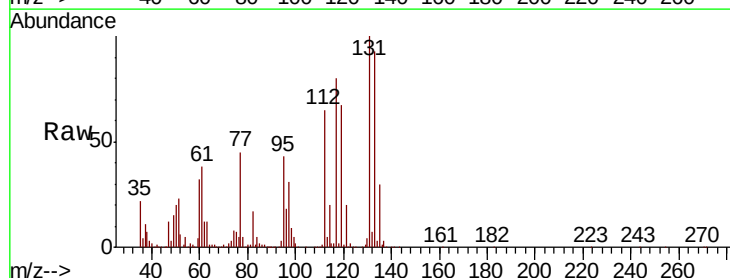
Tgt Ion:131 Resp: 1251568

Ion Ratio Lower Upper

131 100

133 97.1 75.8 113.6

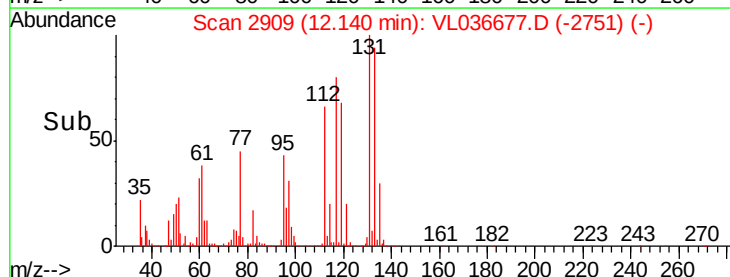
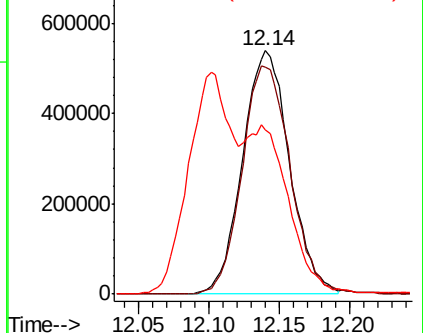
119 150.4 48.7 73.1#

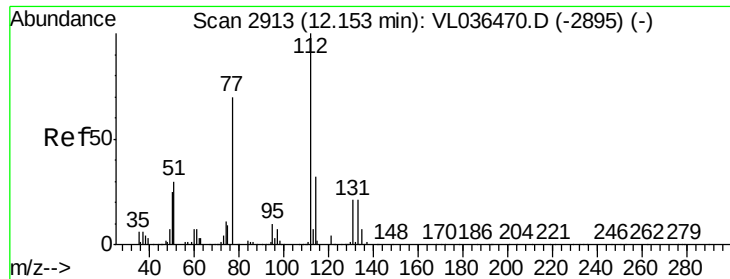


Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V

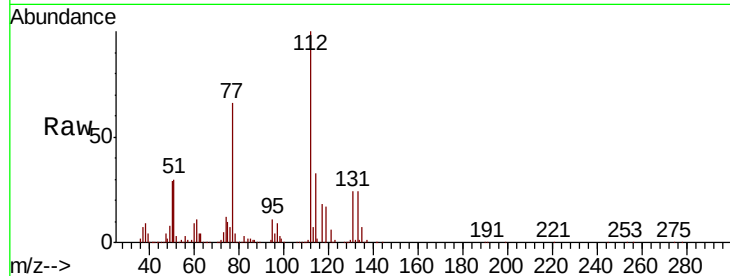




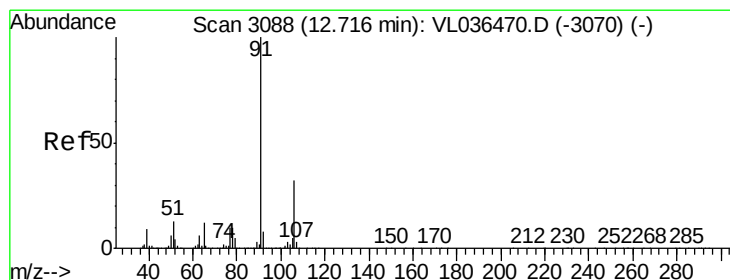
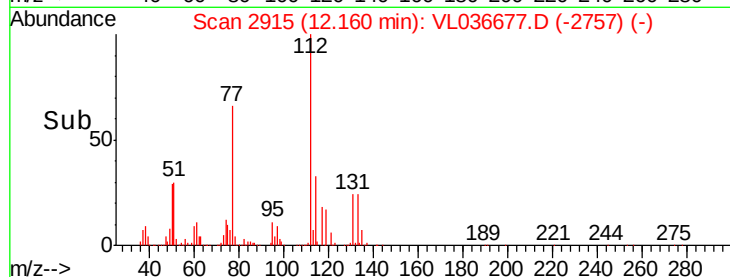
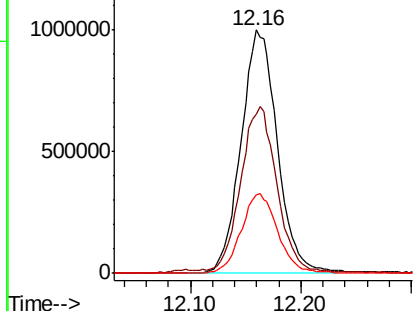
#57
Chlorobenzene
Concen: 6.525 ppbv
RT: 12.16 min Scan# 2915
Delta R.T. 0.01 min
Lab File: VL036677.D
Acq: 5 Apr 2021 15:57

Instrument :
MSVOA_L
ClientSampled :

Tot Ion:112 Resp: 2273765
Ion Ratio Lower Upper
112 100
77 64.7 56.0 84.0
114 32.5 29.0 35.4

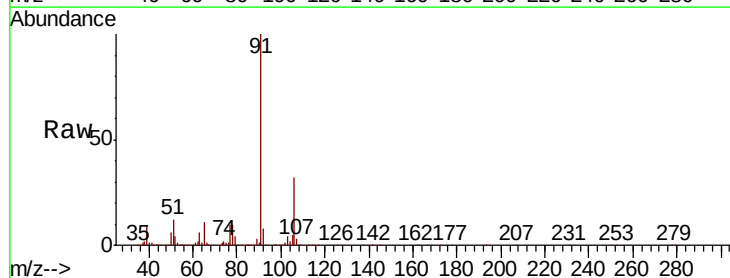


Abundance Ion 112.10 (111.80 to 112.80): V
Ion 77.10 (76.80 to 77.80): VL0
Ion 114.10 (113.80 to 114.80): V

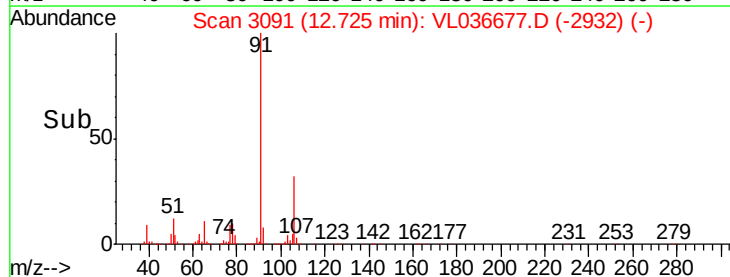
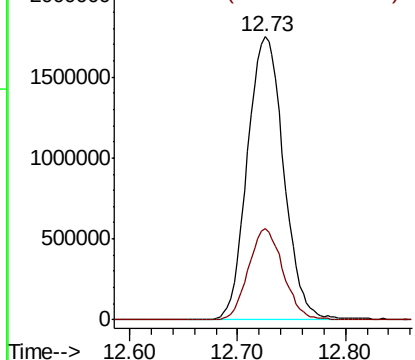


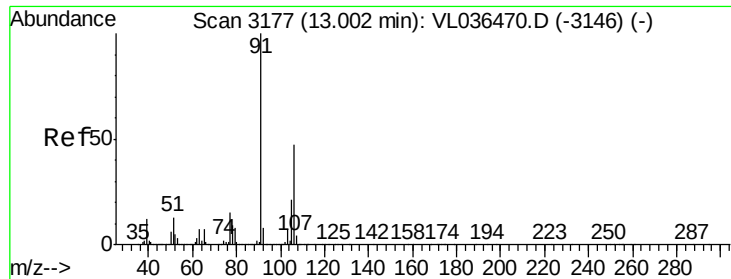
#58
Ethyl Benzene
Concen: 6.857 ppbv
RT: 12.73 min Scan# 3091
Delta R.T. 0.01 min
Lab File: VL036677.D
Acq: 5 Apr 2021 15:57

Tgt Ion: 91 Resp: 4085756
Ion Ratio Lower Upper
91 100
106 32.3 25.3 37.9



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

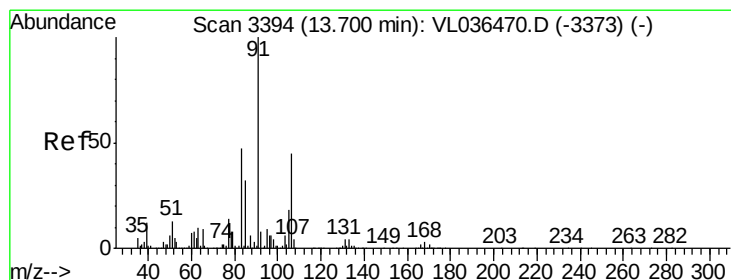
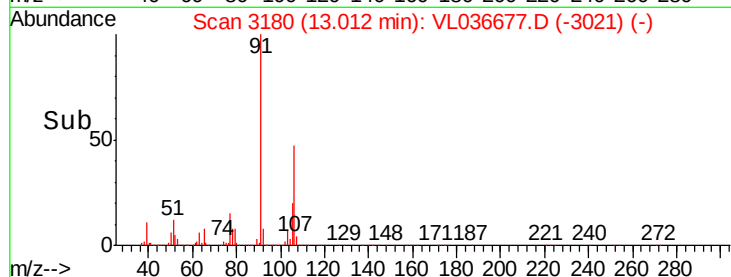
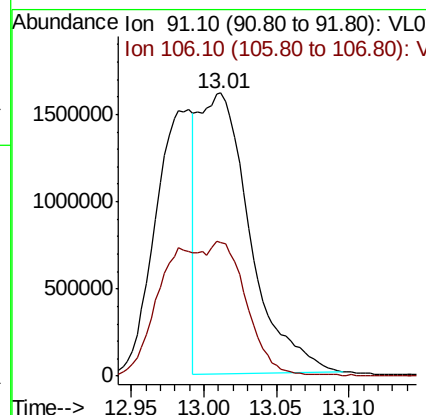
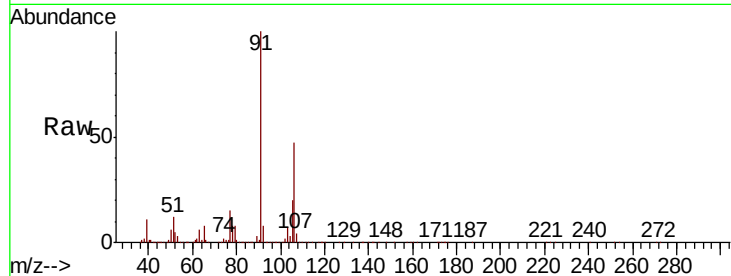




#59
m/p-Xylene
Concen: 7.643 ppbv
RT: 13.01 min Scan# 3180
Delta R.T. 0.01 min
Lab File: VL036677.D
Acq: 5 Apr 2021 15:57

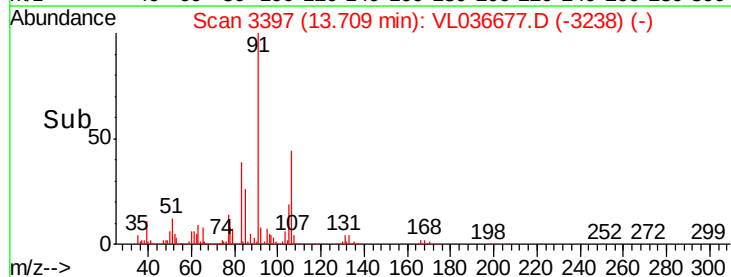
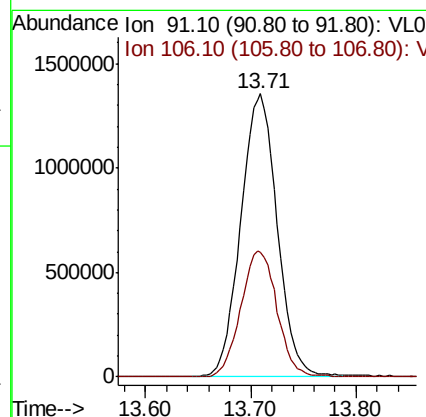
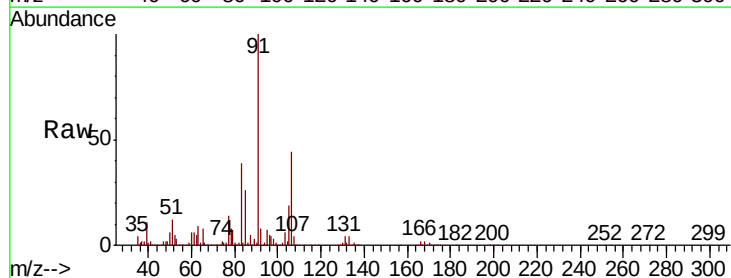
Instrument :
MSVOA_L
ClientSampleId :

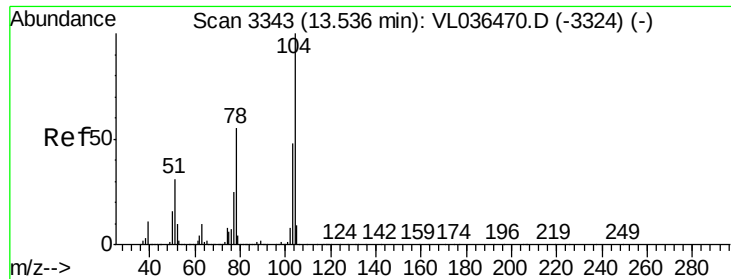
Tot Ion: 91 Resp: 3971856
Ion Ratio Lower Upper
91 100
106 77.1 35.3 52.9#



#60
o-Xylene
Concen: 6.455 ppbv
RT: 13.71 min Scan# 3397
Delta R.T. 0.01 min
Lab File: VL036677.D
Acq: 5 Apr 2021 15:57

Tgt Ion: 91 Resp: 3243684
Ion Ratio Lower Upper
91 100
106 44.7 22.3 66.9





#61

Stvrene

Concen: 7.110 ppbv

RT: 13.55 min Scan# 3346

Delta R.T. 0.01 min

Lab File: VL036677.D

Acq: 5 Apr 2021 15:57

Instrument :

MSVOA_L

ClientSampleId :

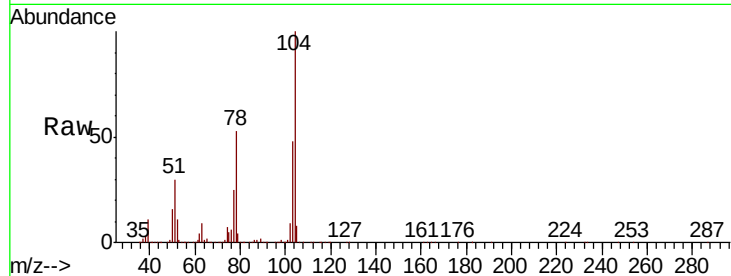
Tot Ion:104 Resp: 1797569

Ion Ratio Lower Upper

104 100

78 52.4 43.8 65.8

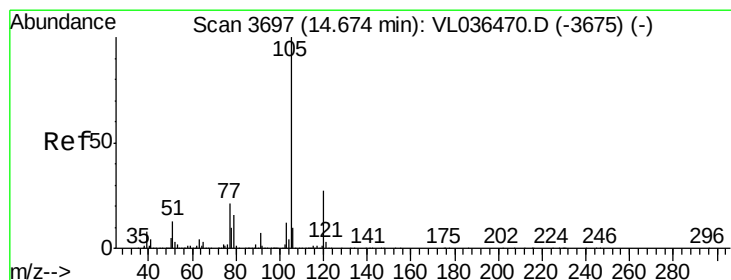
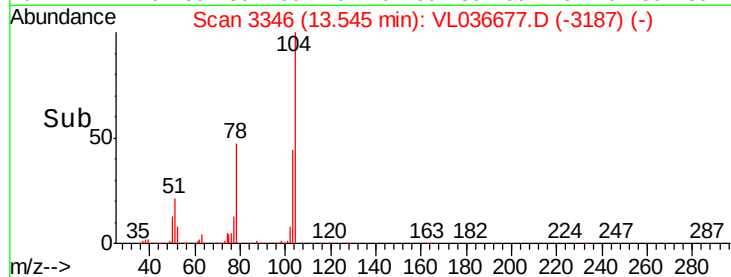
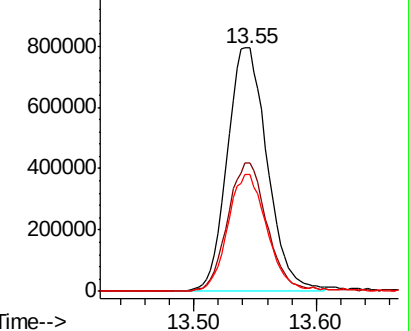
103 47.6 38.3 57.5



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: 6.717 ppbv

RT: 14.68 min Scan# 3700

Delta R.T. 0.01 min

Lab File: VL036677.D

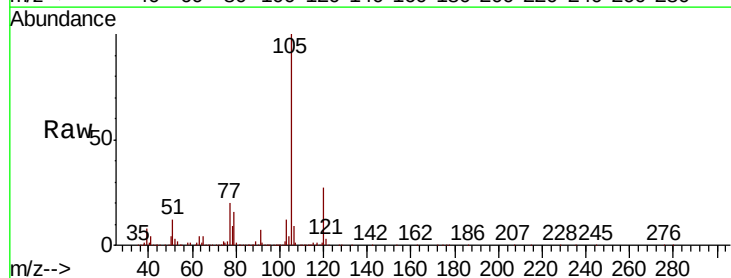
Acq: 5 Apr 2021 15:57

Tgt Ion:105 Resp: 4545133

Ion Ratio Lower Upper

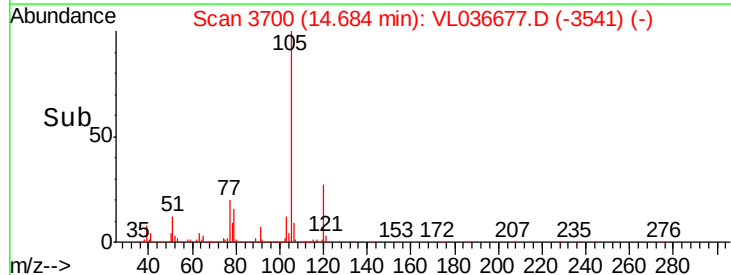
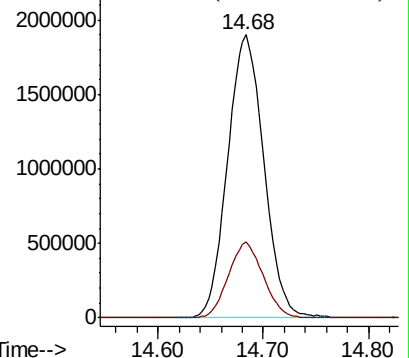
105 100

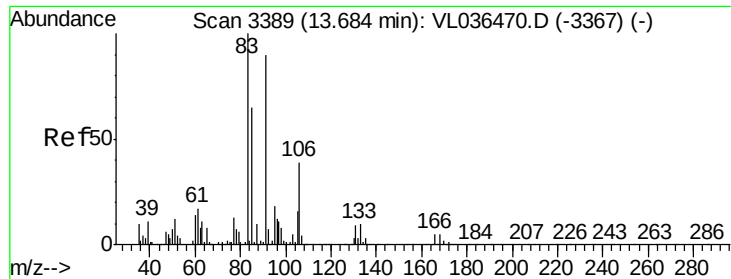
120 26.1 20.6 31.0



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V

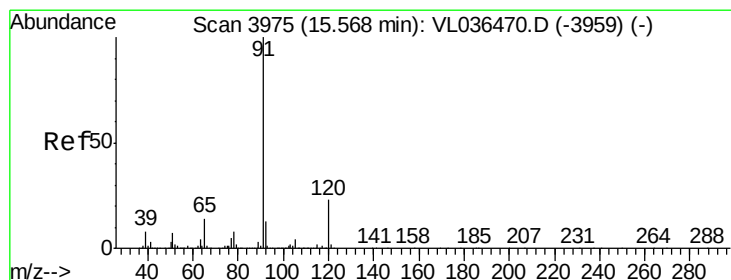
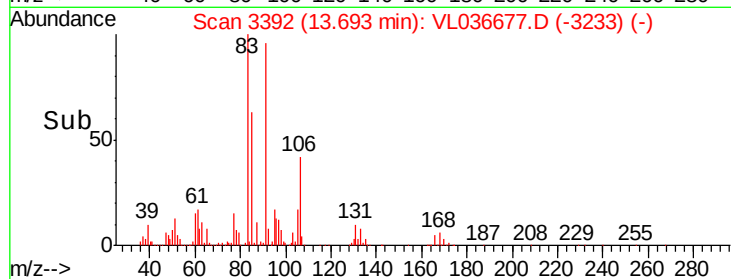
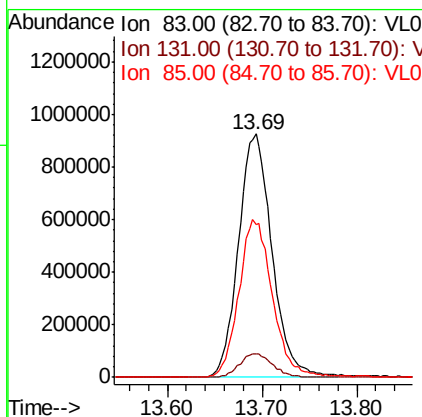
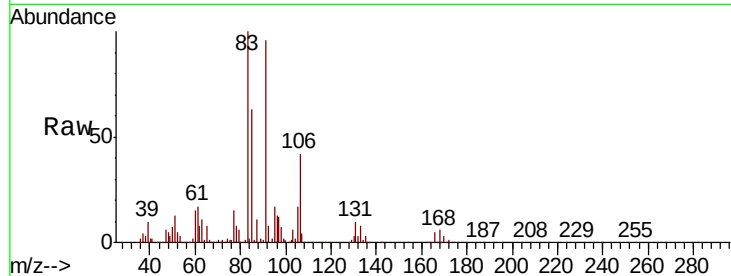




#63
 1,1,2,2-Tetrachloroethane
 Concen: 5.949 ppbv
 RT: 13.69 min Scan# 3392
 Delta R.T. 0.01 min
 Lab File: VL036677.D
 Acq: 5 Apr 2021 15:57

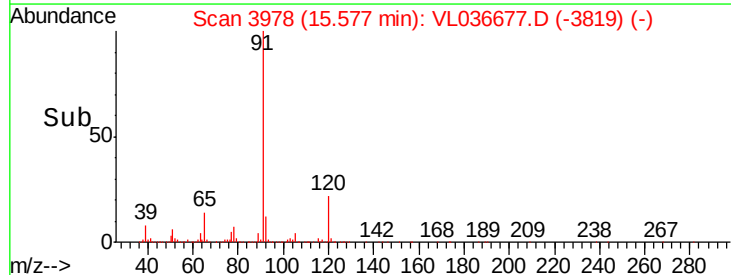
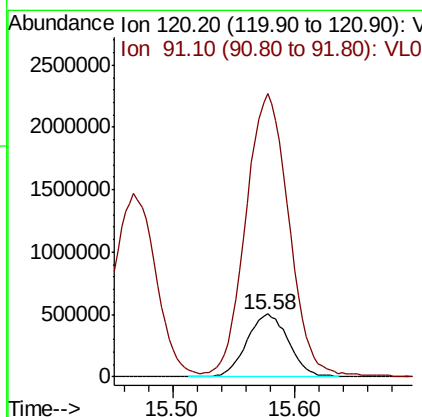
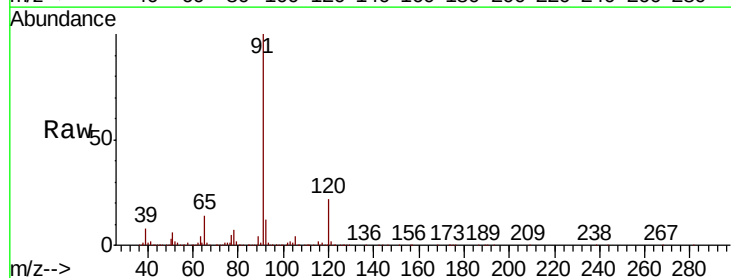
Instrument :
 MSVOA_L
 ClientSampleId :

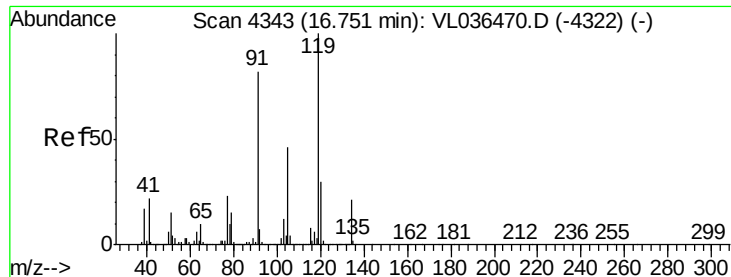
Tot Ion: 83 Resp: 2280289
 Ion Ratio Lower Upper
 83 100
 131 9.8 4.7 14.0
 85 65.2 33.1 99.3



#64
 n-propylbenzene
 Concen: 7.219 ppbv
 RT: 15.58 min Scan# 3978
 Delta R.T. 0.01 min
 Lab File: VL036677.D
 Acq: 5 Apr 2021 15:57

Tgt Ion: 120 Resp: 1194325
 Ion Ratio Lower Upper
 120 100
 91 465.8 377.4 566.2

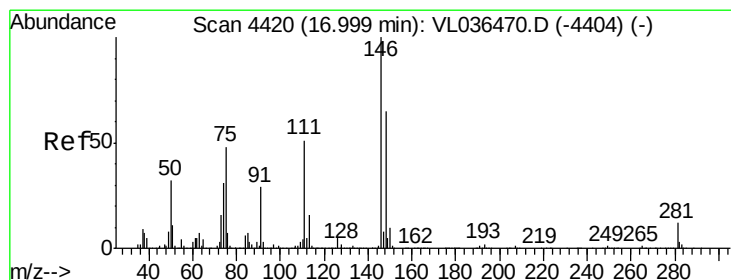
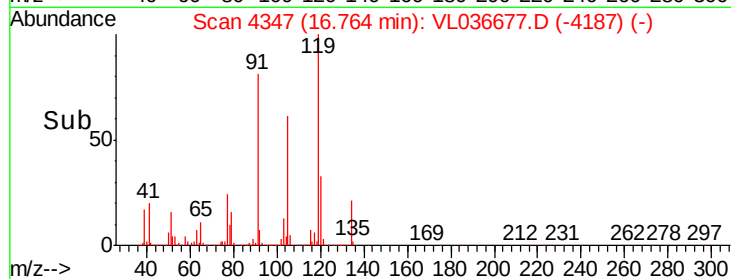
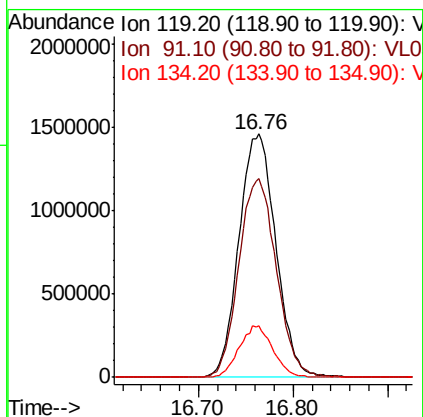
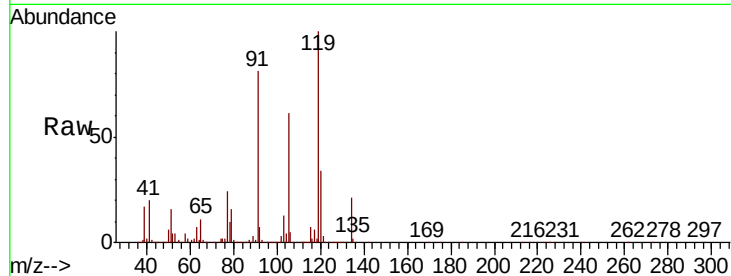




#65
tert-Butylbenzene
Concen: 6.735 ppbv
RT: 16.76 min Scan# 4347
Delta R.T. 0.01 min
Lab File: VL036677.D
Acq: 5 Apr 2021 15:57

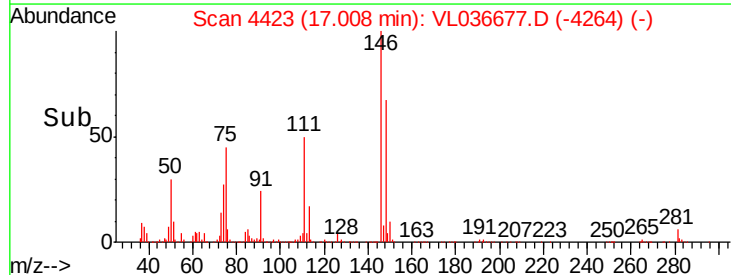
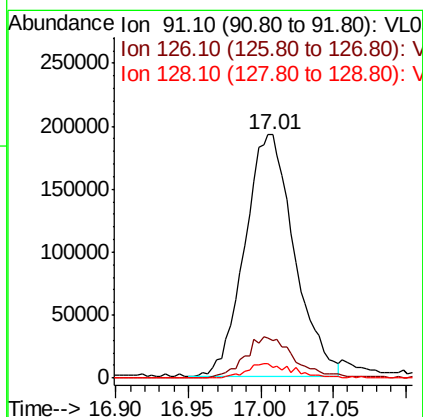
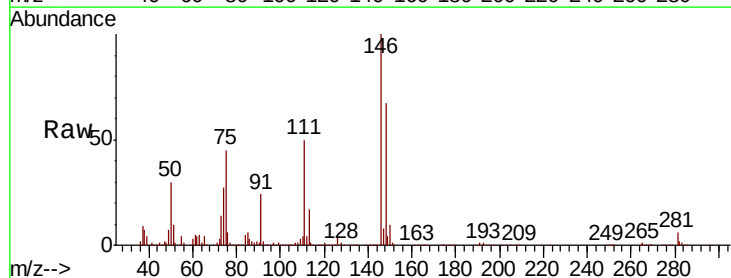
Instrument :
MSVOA_L
ClientSampleId :

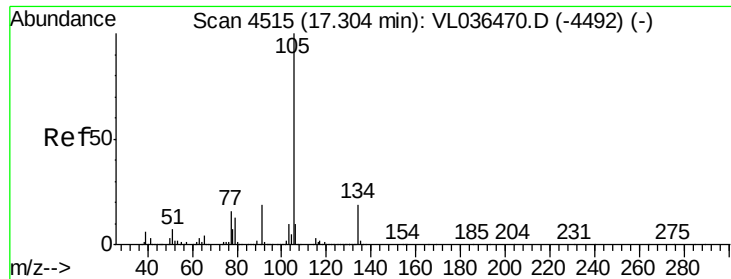
Tot Ion:119 Resp: 3951894
Ion Ratio Lower Upper
119 100
91 82.8 67.5 101.3
134 19.6 15.8 23.8



#66
Benzyl Chloride
Concen: 7.066 ppbv
RT: 17.01 min Scan# 4423
Delta R.T. 0.01 min
Lab File: VL036677.D
Acq: 5 Apr 2021 15:57

Tgt Ion: 91 Resp: 458318
Ion Ratio Lower Upper
91 100
126 17.8 13.5 20.3
128 5.8 4.2 6.4





#67

sec-Butylbenzene

Concen: 6.665 ppbv

RT: 17.31 min Scan# 4517

Delta R.T. 0.01 min

Lab File: VL036677.D

Acq: 5 Apr 2021 15:57

Instrument :

MSVOA_L

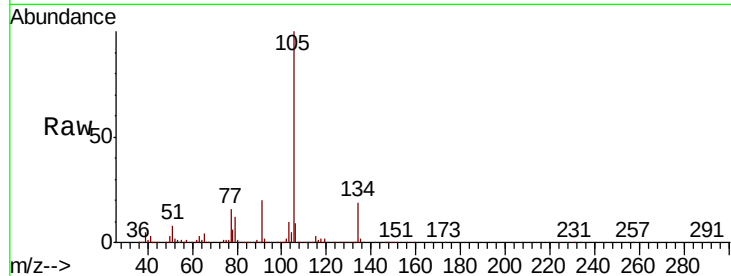
ClientSampled :

Tot Ion:105 Resp: 5520450

Ion Ratio Lower Upper

105 100

134 18.4 14.7 22.1



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 134.20 (133.90 to 134.90): V

2500000

2000000

1500000

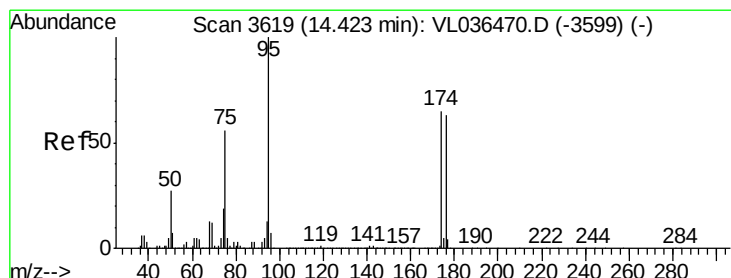
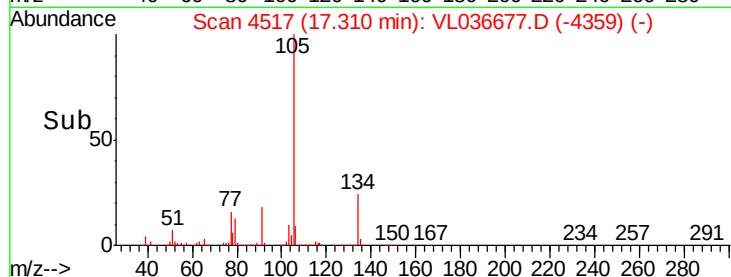
1000000

500000

0

17.20 17.30 17.40

Time-->



#68

1-Bromo-4-Fluorobenzene

Concen: 8.430 ppbv

RT: 14.43 min Scan# 3622

Delta R.T. 0.01 min

Lab File: VL036677.D

Acq: 5 Apr 2021 15:57

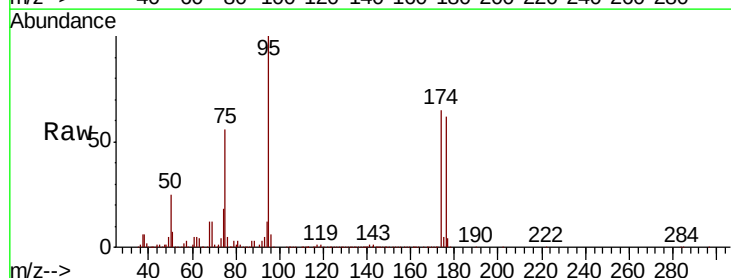
Tgt Ion: 95 Resp: 2751556

Ion Ratio Lower Upper

95 100

174 65.3 51.0 76.6

175 5.2 3.9 5.9



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

1500000

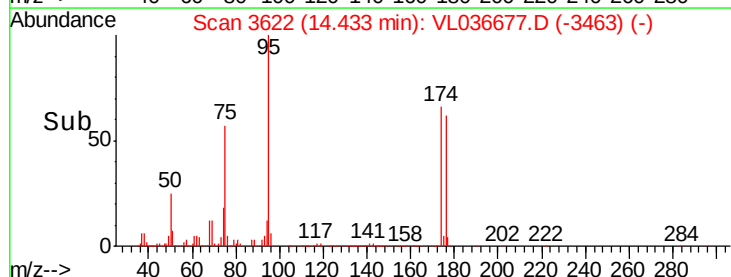
1000000

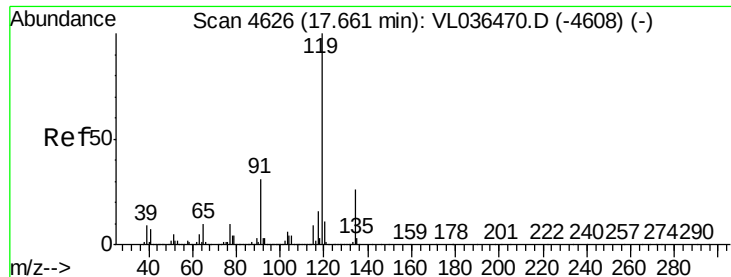
500000

0

14.40 14.43 14.45

Time-->





#69

p-Isopropyltoluene

Concen: 7.175 ppbv

RT: 17.67 min Scan# 4629

Delta R.T. 0.01 min

Lab File: VL036677.D

Acq: 5 Apr 2021 15:57

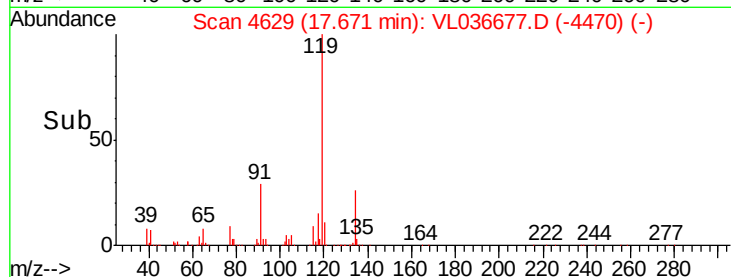
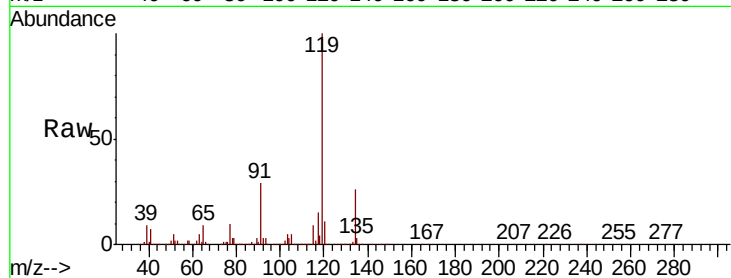
Instrument :

MSVOA_L

ClientSampleId :

Tot Ion: 119 Resp: 4640810

Ion	Ratio	Lower	Upper
119	100		
134	25.3	20.6	30.8
91	29.8	25.0	37.6

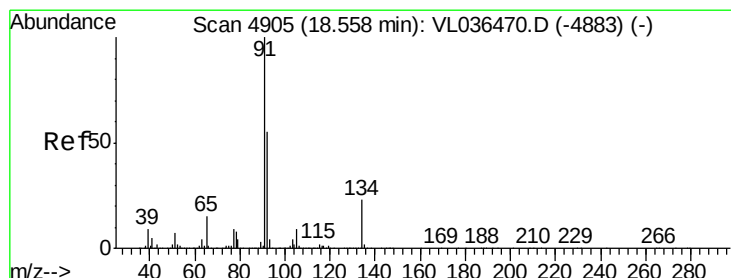
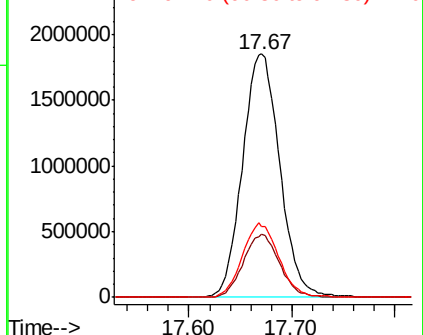


Abundance

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: 6.932 ppbv

RT: 18.57 min Scan# 4908

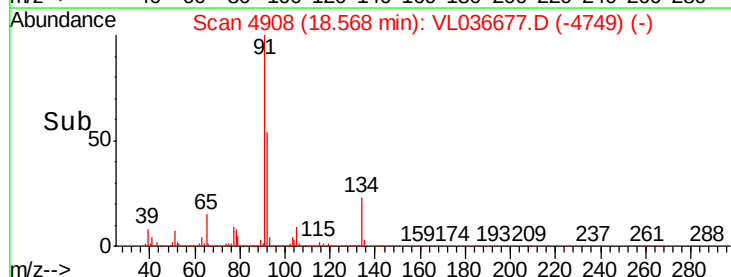
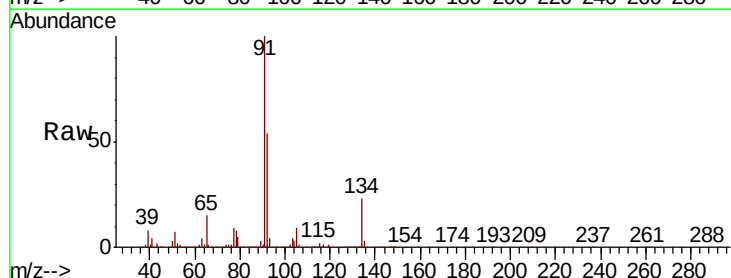
Delta R.T. 0.01 min

Lab File: VL036677.D

Acq: 5 Apr 2021 15:57

Tgt Ion: 91 Resp: 4649235

Ion	Ratio	Lower	Upper
91	100		
92	53.9	43.8	65.8
134	22.8	18.0	27.0

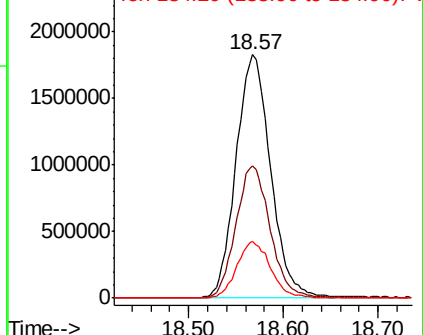


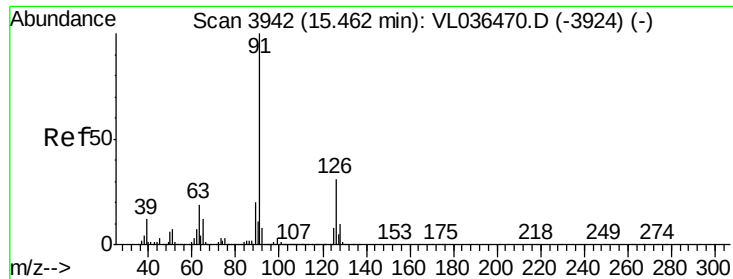
Abundance

Ion 91.10 (90.80 to 91.80): V

Ion 92.10 (91.80 to 92.80): V

Ion 134.20 (133.90 to 134.90): V

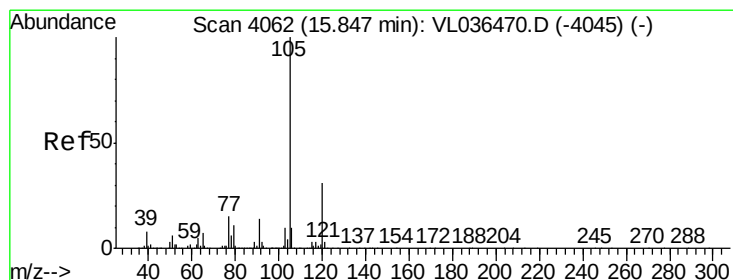
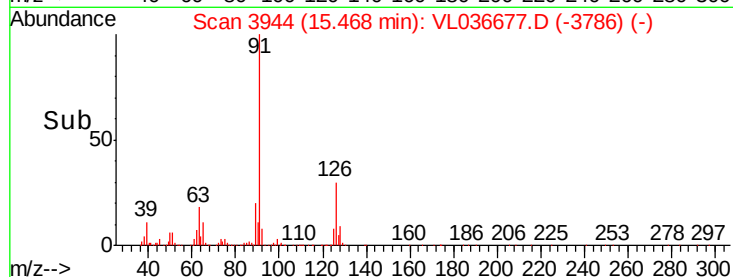
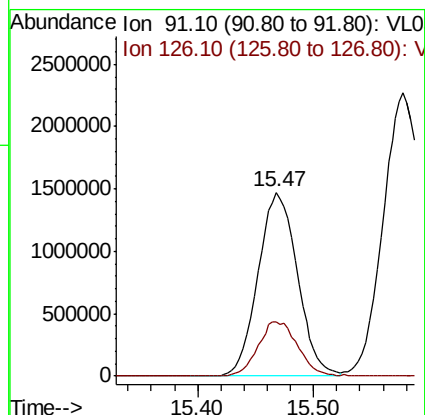
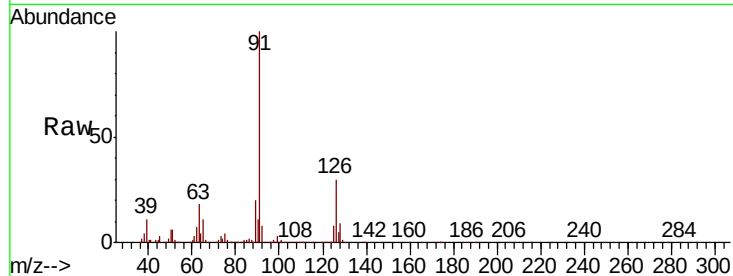




#71
 2-Chlorotoluene
 Concen: 6.861 ppbv
 RT: 15.47 min Scan# 3944
 Delta R.T. 0.01 min
 Lab File: VL036677.D
 Acq: 5 Apr 2021 15:57

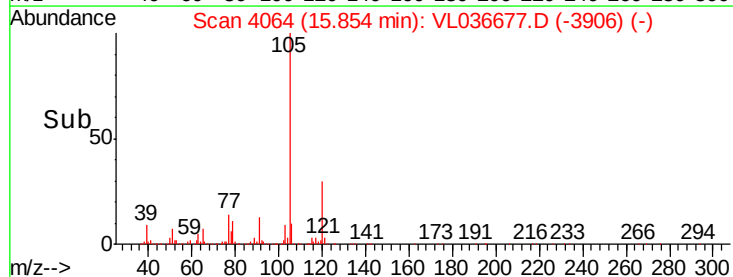
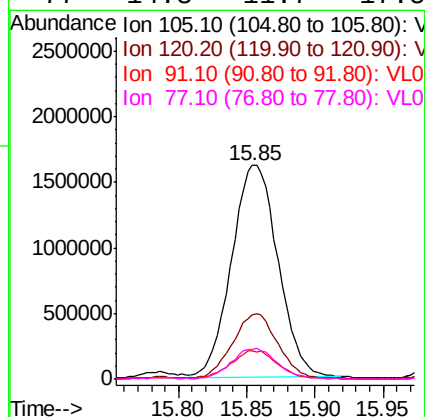
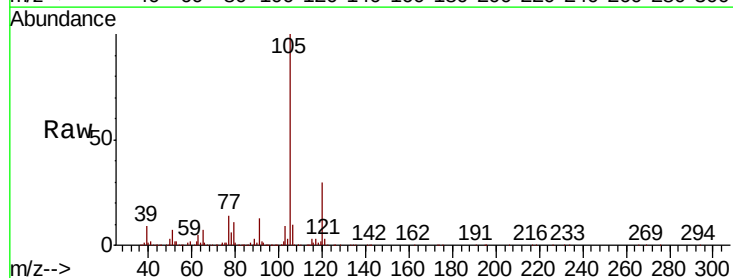
Instrument :
 MSVOA_L
 ClientSampleId :

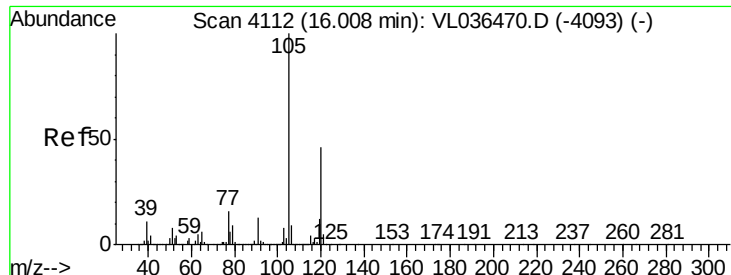
Tot Ion: 91 Resp: 3479149
 Ion Ratio Lower Upper
 91 100
 126 30.2 12.1 48.5



#72
 4-Ethyltoluene
 Concen: 6.968 ppbv
 RT: 15.85 min Scan# 4064
 Delta R.T. 0.01 min
 Lab File: VL036677.D
 Acq: 5 Apr 2021 15:57

Tgt Ion: 105 Resp: 3836721
 Ion Ratio Lower Upper
 105 100
 120 30.3 24.0 36.0
 91 12.9 11.0 16.4
 77 14.3 11.7 17.5





#73

1,3,5-Trimethylbenzene

Concen: 6.753 ppbv

RT: 16.01 min Scan# 4114

Delta R.T. 0.01 min

Lab File: VL036677.D

Acq: 5 Apr 2021 15:57

Instrument :

MSVOA_L

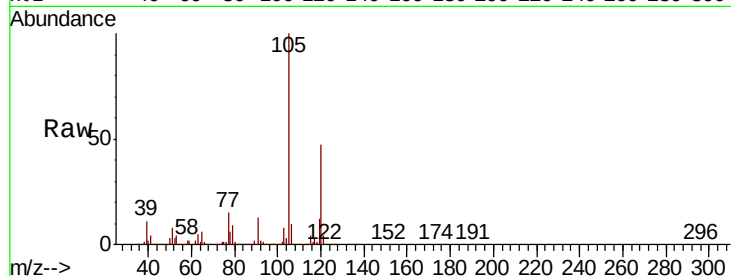
ClientSampleId :

Tot Ion:105 Resp: 3470462

Ion Ratio Lower Upper

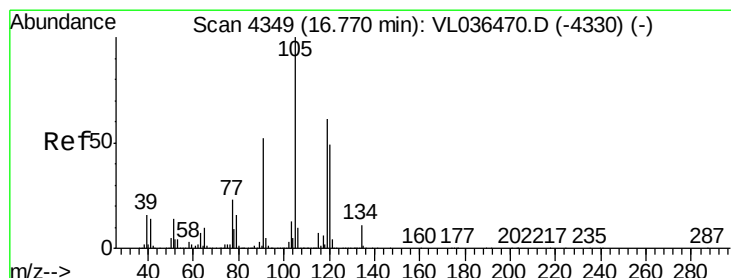
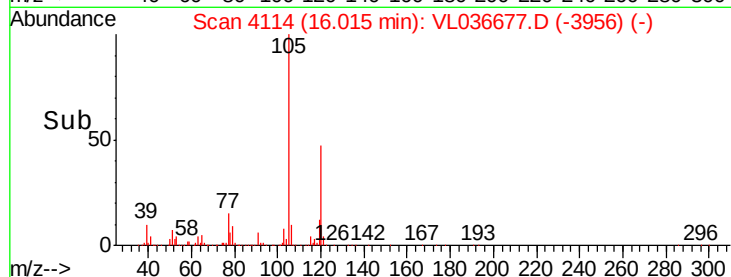
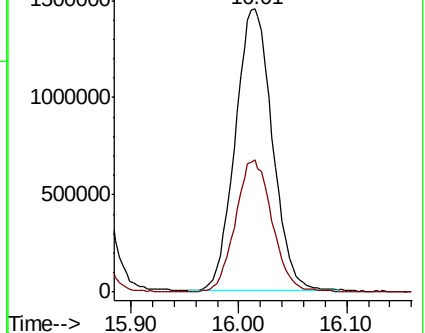
105 100

120 46.8 36.6 54.8



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: 6.588 ppbv

RT: 16.78 min Scan# 4352

Delta R.T. 0.01 min

Lab File: VL036677.D

Acq: 5 Apr 2021 15:57

Tgt Ion:105 Resp: 3623308

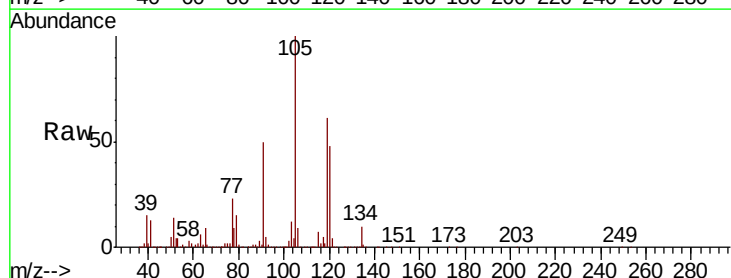
Ion Ratio Lower Upper

105 100

120 48.1 39.2 58.8

91 50.2 42.6 64.0

77 22.6 18.6 28.0

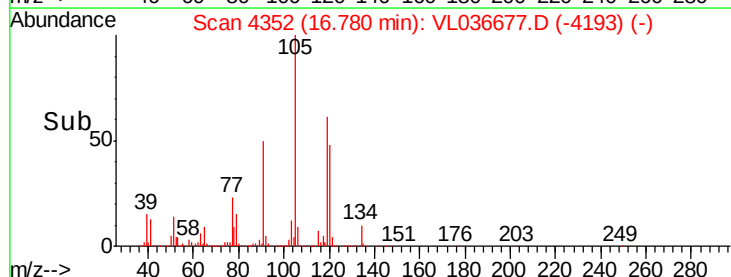
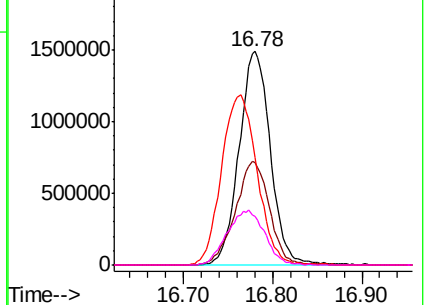


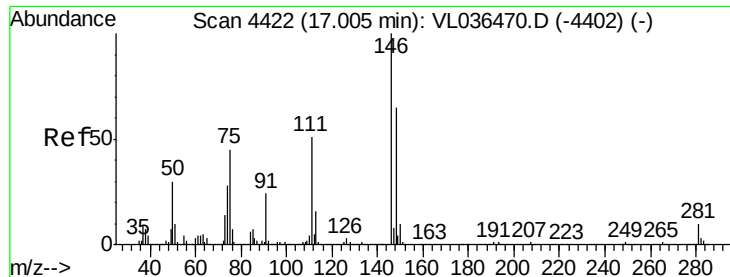
Abundance Ion 105.10 (104.80 to 105.80): V

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: 6.725 ppbv

RT: 17.01 min Scan# 4425

Delta R.T. 0.01 min

Lab File: VL036677.D

Acq: 5 Apr 2021 15:57

Instrument :

MSVOA_L

ClientSampleId :

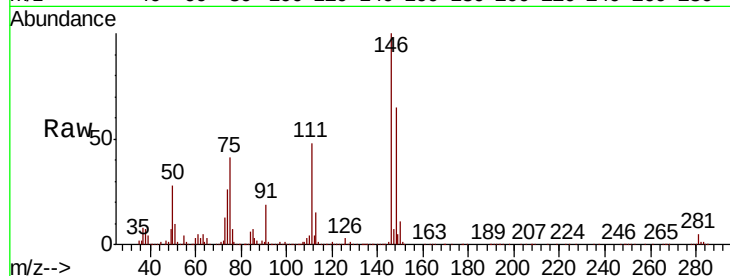
Tot Ion:146 Resp: 2081863

Ion Ratio Lower Upper

146 100

111 48.9 24.5 73.5

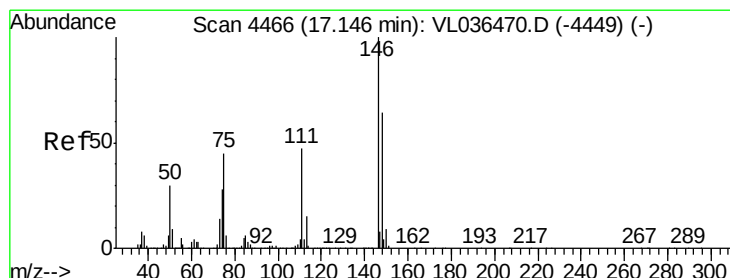
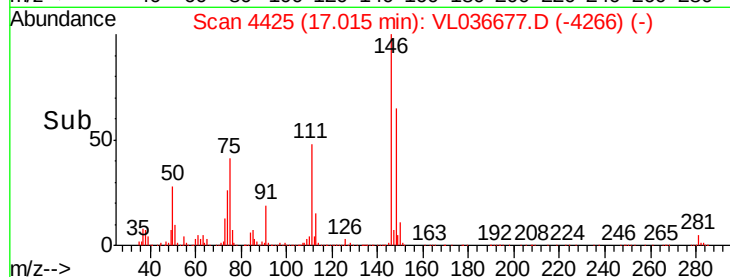
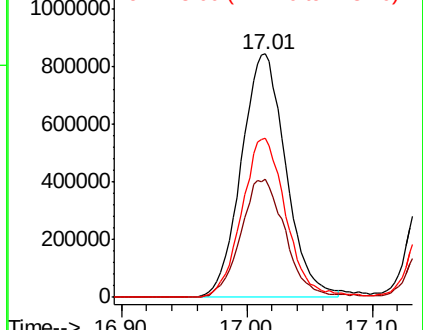
148 65.0 32.3 96.9



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



#76

1,4-Dichlorobenzene

Concen: 6.543 ppbv

RT: 17.16 min Scan# 4469

Delta R.T. 0.01 min

Lab File: VL036677.D

Acq: 5 Apr 2021 15:57

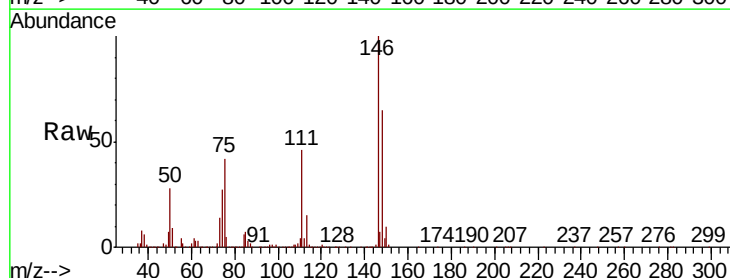
Tgt Ion:146 Resp: 2011124

Ion Ratio Lower Upper

146 100

111 48.0 24.3 72.8

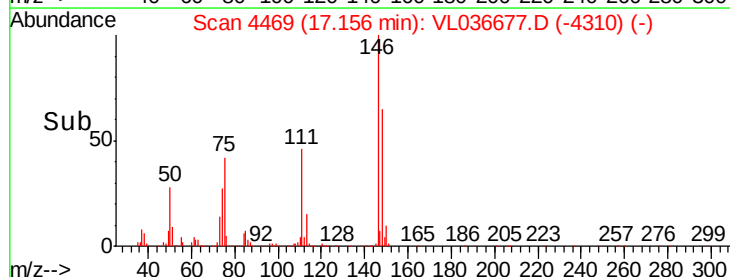
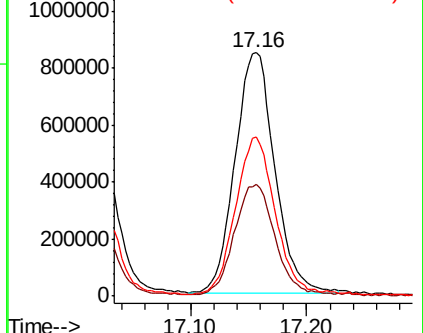
148 67.6 33.0 98.9

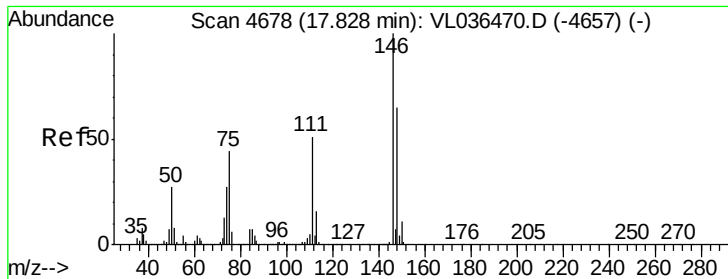


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.10 (110.80 to 111.80): V

Ion 148.00 (147.70 to 148.70): V

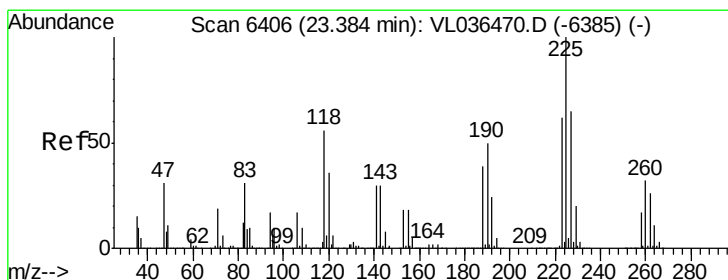
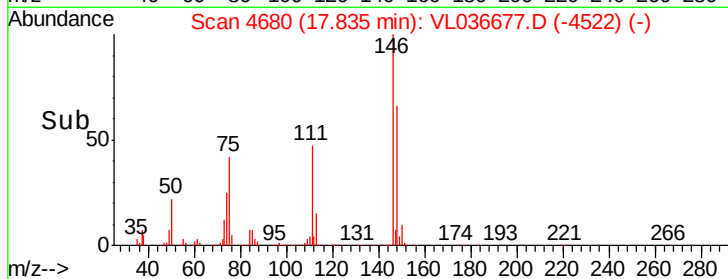
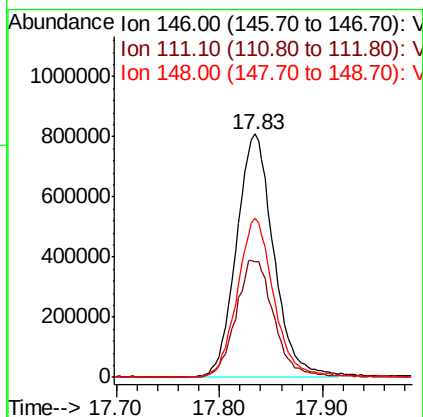
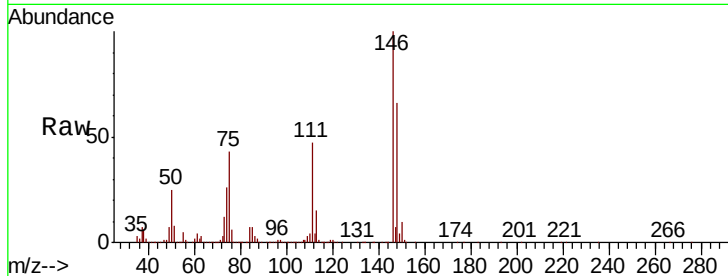




#77
 1,2-Dichlorobenzene
 Concen: 6.934 ppbv
 RT: 17.83 min Scan# 4680
 Delta R.T. 0.01 min
 Lab File: VL036677.D
 Acq: 5 Apr 2021 15:57

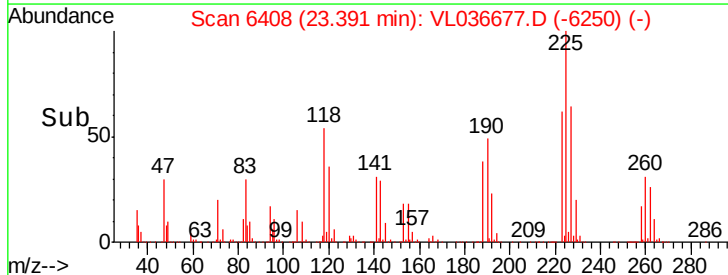
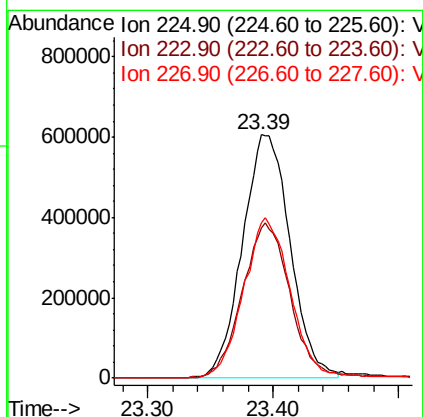
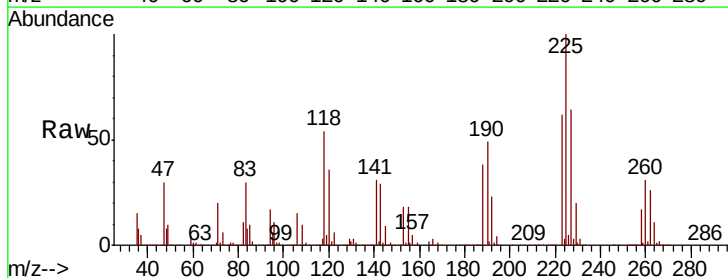
Instrument :
 MSVOA_L
 ClientSampleId :

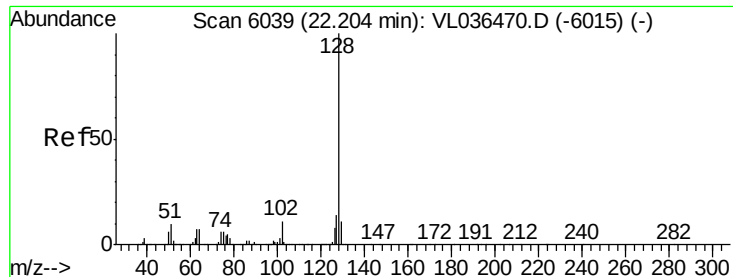
Tot Ion:146 Resp: 2017788
 Ion Ratio Lower Upper
 146 100
 111 49.6 25.5 76.5
 148 64.3 32.9 98.6



#78
 Hexachloro-1,3-Butadiene
 Concen: 6.141 ppbv
 RT: 23.39 min Scan# 6408
 Delta R.T. 0.01 min
 Lab File: VL036677.D
 Acq: 5 Apr 2021 15:57

Tgt Ion:225 Resp: 1600434
 Ion Ratio Lower Upper
 225 100
 223 64.7 50.6 75.8
 227 65.6 52.2 78.2





#79

Naphthalene

Concen: 7.148 ppbv

RT: 22.22 min Scan# 6044

Delta R.T. 0.02 min

Lab File: VL036677.D

Acq: 5 Apr 2021 15:57

Instrument :

MSVOA_L

ClientSampleId :

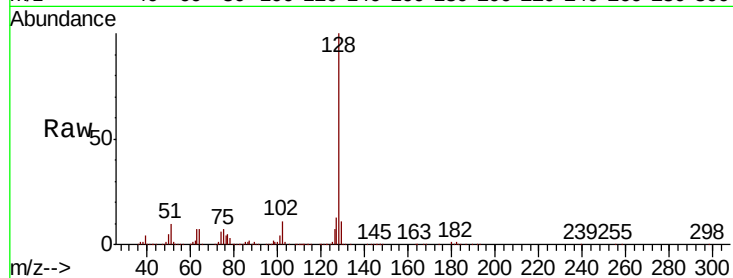
Tot Ion:128 Resp: 2293921

Ion Ratio Lower Upper

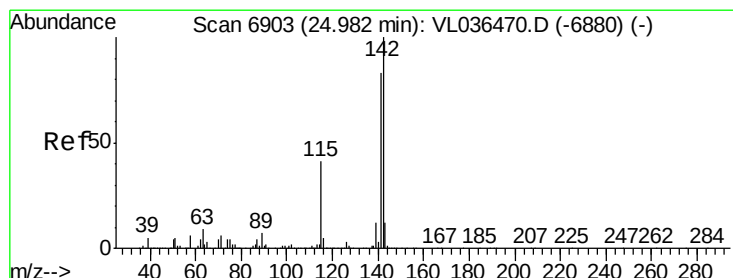
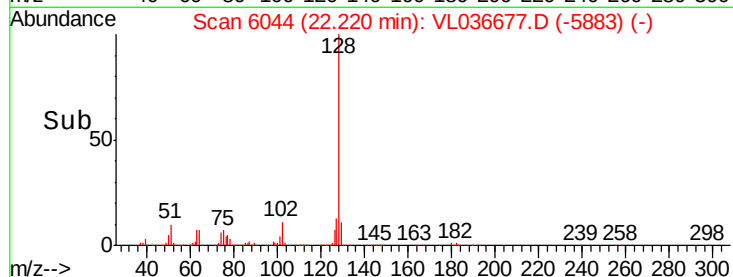
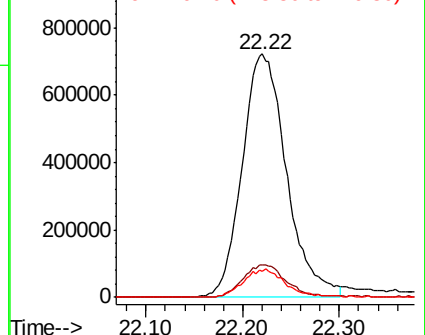
128 100

127 13.2 10.9 16.3

129 10.9 9.0 13.4



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: 6.047 ppbv

RT: 25.00 min Scan# 6907

Delta R.T. 0.01 min

Lab File: VL036677.D

Acq: 5 Apr 2021 15:57

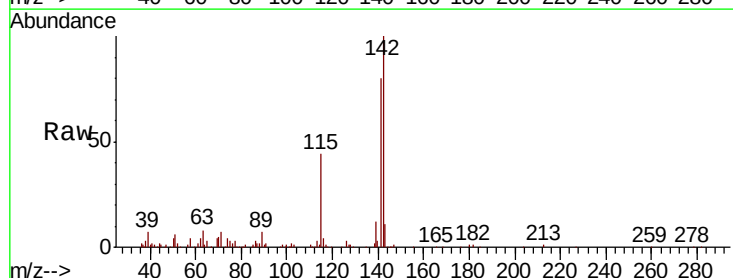
Tgt Ion:142 Resp: 382698

Ion Ratio Lower Upper

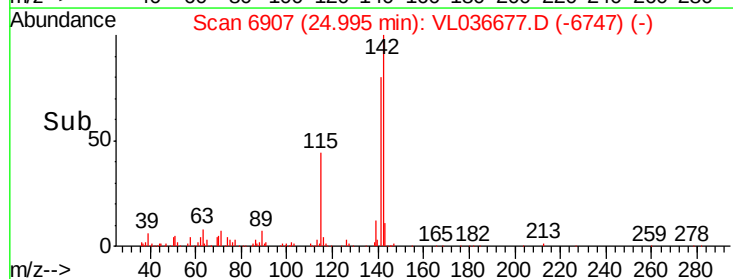
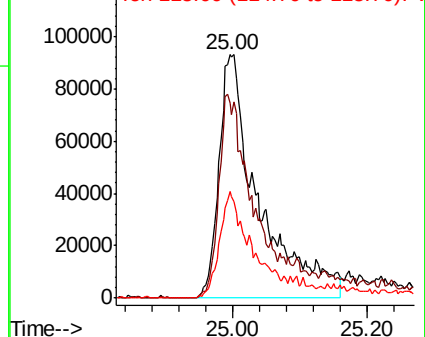
142 100

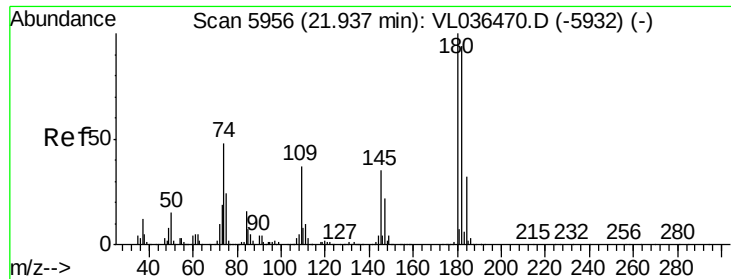
141 88.3 67.8 101.8

115 39.1 34.0 51.0



Abundance Ion 142.00 (141.70 to 142.70): V
Ion 141.00 (140.70 to 141.70): V
Ion 115.00 (114.70 to 115.70): V





#81
 1,2,4-Trichlorobenzene
 Concen: 7.187 ppbv
 RT: 21.95 min Scan# 5961
 Delta R.T. 0.02 min
 Lab File: VL036677.D
 Acq: 5 Apr 2021 15:57

Instrument :
 MSVOA_L
 ClientSampleId :

Tot Ion:180 Resp: 1424006
 Ion Ratio Lower Upper
 180 100
 182 98.8 80.8 121.2
 184 31.2 25.0 37.4

