

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL040121\
 Data File : VL036628.D
 Acq On : 1 Apr 2021 12:03
 Operator : SY/AP
 Sample : VL0401ABS01
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Apr 02 01:21:19 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	1518314	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.19	114	3787071	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.10	117	4239076	10.00	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.43	95	2743445	8.12	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	81.20%

Target Compounds					Ovalue
2) Dichlorodifluoromethane	3.05	85	2084094	8.416	ppbv 99
3) Chlorodifluoromethane	2.99	51	2655956	9.363	ppbv 99
4) Chloromethane	3.15	50	914061	9.122	ppbv 97
5) Vinyl Chloride	3.26	62	915463	8.886	ppbv 98
6) Bromomethane	3.48	94	507485	8.947	ppbv 96
7) Chloroethane	3.56	64	301042	8.503	ppbv 99
8) Dichlorotetrafluoroethane	3.19	85	2098902	8.880	ppbv 97
9) Propene	3.02	41	923780	10.215	ppbv 97
10) Heptane	8.13	43	2301657	9.990	ppbv 99
11) Trichlorofluoromethane	3.96	101	2060307	8.164	ppbv 99
12) 1,1,2-Trichlorotrifluoroet	4.49	101	1386916	8.595	ppbv 99
13) Ethanol	3.62	45	92282	8.569	ppbv 94
14) Bromoethene	3.75	108	619396	9.234	ppbv 99
15) Acetone	3.86	43	1228177	8.219	ppbv 99
16) 1,3-Butadiene	3.33	39	937848	9.014	ppbv 97
17) tert-Butyl alcohol	4.30	59	1258591	9.675	ppbv 99
18) 1,1-Dichloroethene	4.29	96	620094	8.640	ppbv 98
19) Isopropyl Alcohol	3.98	45	751236	9.139	ppbv # 98
20) Methylene Chloride	4.35	84	549544	7.854	ppbv 94
21) Allyl Chloride	4.42	41	1095344	9.195	ppbv 99
22) trans-1,2-Dichloroethene	4.89	96	607603	9.131	ppbv 94
23) Vinyl Acetate	5.08	43	2464960	9.643	ppbv 98
24) 1,1-Dichloroethane	5.02	63	1566832	8.409	ppbv 99
25) Ethyl Acetate	5.69	43	3445249	9.697	ppbv 100
26) Hexane	5.70	57	1656781	10.049	ppbv 98
27) Carbon Disulfide	4.56	76	1623598	9.997	ppbv 99
28) Methyl tert-Butyl Ether	5.04	73	1863185	9.583	ppbv 99
29) Chloroform	5.76	83	2544857	9.652	ppbv 99
30) Cyclohexane	7.14	84	1389257	10.390	ppbv 99
31) cis-1,2-Dichloroethene	5.56	61	1651350	10.356	ppbv 96
32) 1,1,1-Trichloroethane	6.52	97	2596512	9.771	ppbv 99
34) 2-Butanone	5.25	43	1790904	9.688	ppbv 99
35) Carbon Tetrachloride	7.03	117	2697036	9.272	ppbv 98
36) Benzene	6.90	78	3385517	9.693	ppbv 99
37) 1,2-Dichloroethane	6.32	62	1918311	9.332	ppbv 99
38) Trichloroethene	7.84	130	1217534	8.957	ppbv 97
39) 1,2-Dichloropropane	7.62	63	1356285	9.573	ppbv 97
40) 1,4-Dioxane	7.85	88	265512	8.052	ppbv # 1
41) Tetrahydrofuran	6.06	42	846541	9.932	ppbv 95
42) Bromodichloromethane	7.81	83	2779886	9.942	ppbv 99
43) Methyl Methacrylate	8.03	69	1241484	10.585	ppbv 99

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Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Apr 02 01:21:19 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL032521AIR.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,2,4-Trimethylpentane	7.88	57	5647149	9.187	ppbv	99
45) t-1,3-Dichloropropene	9.29	75	1532698	11.445	ppbv	100
46) cis-1,3-Dichloropropene	8.71	75	1891234	11.048	ppbv	97
47) 1,1,2-Trichloroethane	9.49	97	1356648	9.454	ppbv	97
48) Dibromochloromethane	10.32	129	2257227	10.318	ppbv	100
49) Bromoform	13.05	173	1789999	10.155	ppbv	98
50) 4-Methyl-2-Pentanone	8.76	43	2739940	10.243	ppbv	100
51) 2-Hexanone	10.15	43	1506366	11.160	ppbv #	99
52) Tetrachloroethene	11.24	164	1120866	8.715	ppbv	98
53) Toluene	9.82	91	3782809	10.170	ppbv	100
54) 1,2-Dibromoethane	10.63	107	1970787	9.725	ppbv	97
56) 1,1,1,2-Tetrachloroethane	12.14	131	1486653	7.754	ppbv	97
57) Chlorobenzene	12.16	112	2712100	7.519	ppbv	97
58) Ethyl Benzene	12.73	91	4982230	8.079	ppbv	98
59) m/p-Xylene	13.01	91	4599453	8.550	ppbv #	44
60) o-Xylene	13.71	91	3903267	7.505	ppbv	100
61) Styrene	13.54	104	2350828	8.984	ppbv	100
62) Isopropylbenzene	14.68	105	5256591	7.505	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.69	83	2811421	7.086	ppbv	99
64) n-propylbenzene	15.58	120	1378423	8.049	ppbv	99
65) tert-Butylbenzene	16.76	119	4523081	7.447	ppbv	99
66) Benzyl Chloride	17.00	91	705535	10.510	ppbv	99
67) sec-Butylbenzene	17.31	105	6347672	7.404	ppbv	100
69) p-Isopropyltoluene	17.67	119	5232615	7.816	ppbv	99
70) n-Butylbenzene	18.57	91	5422133	7.811	ppbv	99
71) 2-Chlorotoluene	15.47	91	4082007	7.777	ppbv	100
72) 4-Ethyltoluene	15.86	105	4630003	8.124	ppbv	99
73) 1,3,5-Trimethylbenzene	16.01	105	4136122	7.776	ppbv	99
74) 1,2,4-Trimethylbenzene	16.78	105	4196557	7.372	ppbv	97
75) 1,3-Dichlorobenzene	17.01	146	2422536	7.561	ppbv	99
76) 1,4-Dichlorobenzene	17.15	146	2343481	7.366	ppbv	99
77) 1,2-Dichlorobenzene	17.83	146	2287450	7.595	ppbv	99
78) Hexachloro-1,3-Butadiene	23.39	225	1784378	6.615	ppbv	99
79) Naphthalene	22.22	128	3088316	9.297	ppbv	99
80) Naphthalene, 2-methyl-	25.00	142	535214	8.171	ppbv	98
81) 1,2,4-Trichlorobenzene	21.95	180	1723714	8.405	ppbv	97

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



#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.67 min Scan# 898

Delta R.T. 0.00 min

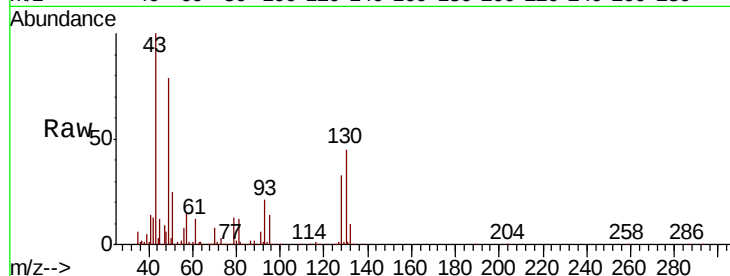
Lab File: VL036628.D

Acq: 1 Apr 2021 12:03

Instrument :
MSVOA_L
ClientSampleId :

Tot Ion: 49 Resp: 1518314

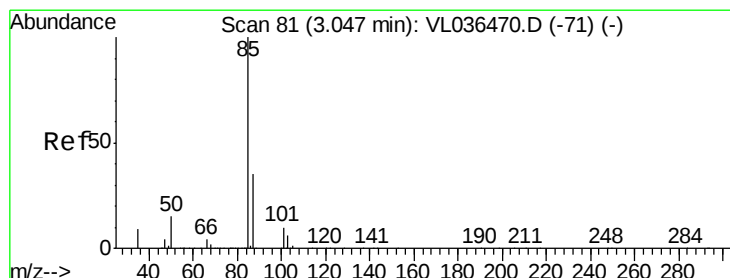
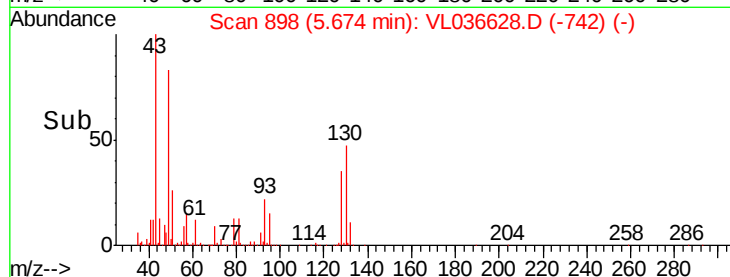
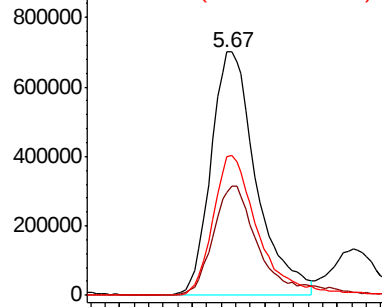
Ion	Ratio	Lower	Upper
49	100		
128	47.1	23.5	70.6
130	58.3	29.1	87.4



Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): V

Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 8.416 ppbv

RT: 3.05 min Scan# 83

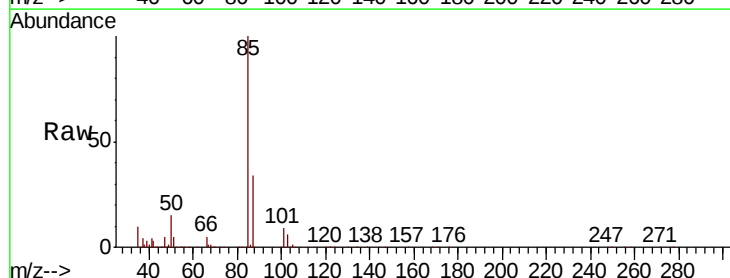
Delta R.T. 0.01 min

Lab File: VL036628.D

Acq: 1 Apr 2021 12:03

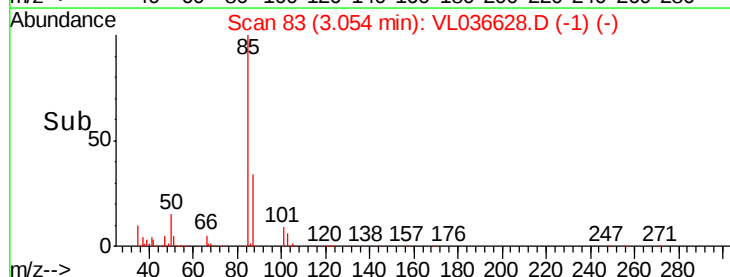
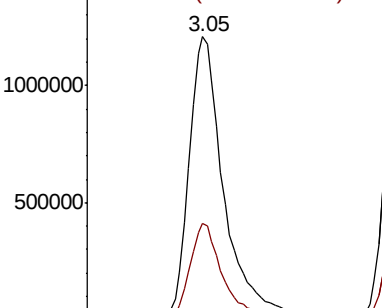
Tgt Ion: 85 Resp: 2084094

Ion	Ratio	Lower	Upper
85	100		
87	34.0	27.8	41.8



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0

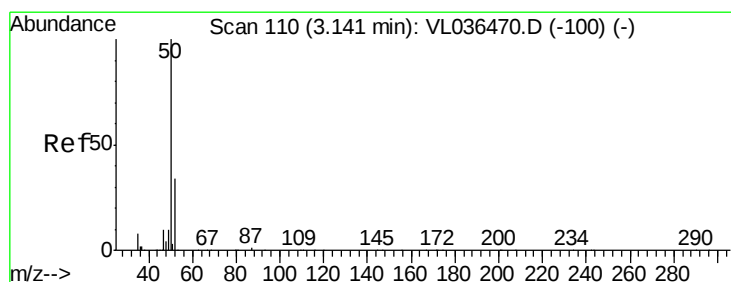
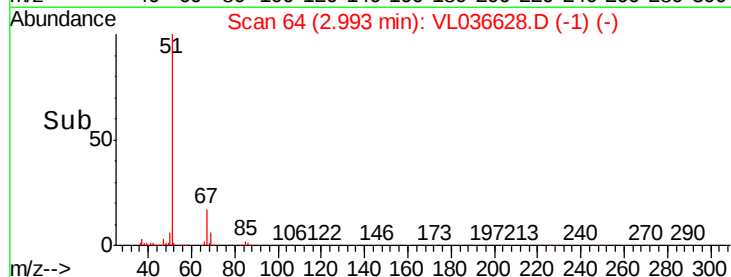
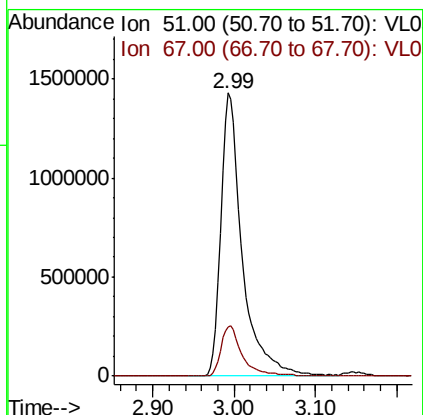
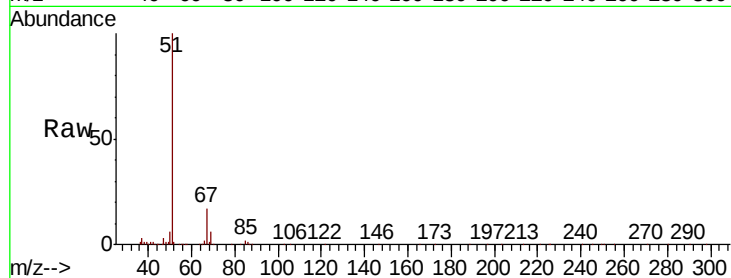




#3
Chlorodifluoromethane
Concen: 9.363 ppbv
RT: 2.99 min Scan# 64
Delta R.T. 0.01 min
Lab File: VL036628.D
Acq: 1 Apr 2021 12:03

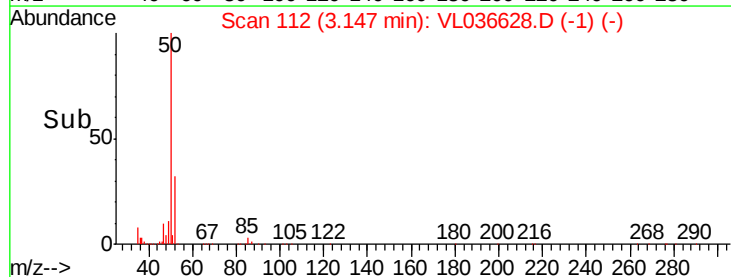
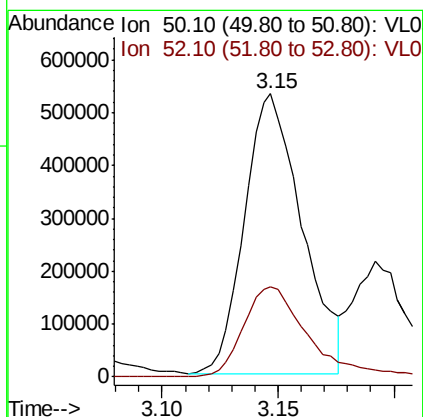
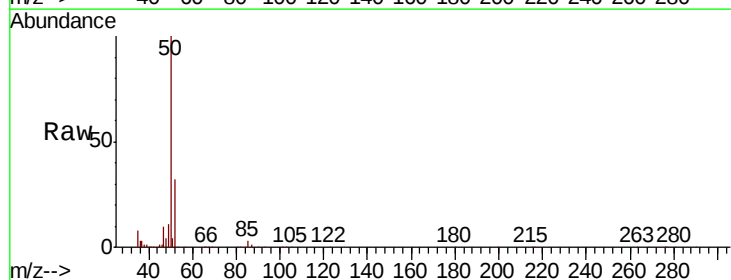
Instrument :
MSVOA_L
ClientSampleId :

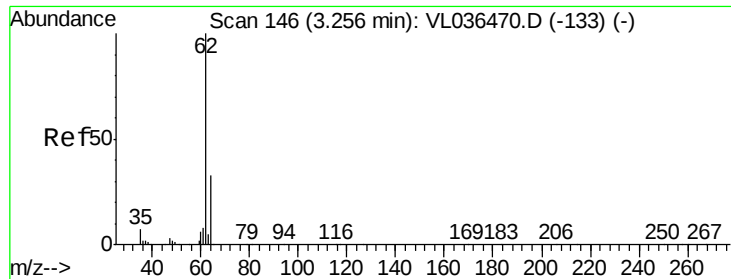
Tot Ion: 51 Resp: 2655956
Ion Ratio Lower Upper
51 100
67 18.0 14.7 22.1



#4
Chloromethane
Concen: 9.122 ppbv
RT: 3.15 min Scan# 112
Delta R.T. 0.01 min
Lab File: VL036628.D
Acq: 1 Apr 2021 12:03

Tgt Ion: 50 Resp: 914061
Ion Ratio Lower Upper
50 100
52 32.1 27.0 40.6





#5

Vinyl Chloride

Concen: 8.886 ppbv

RT: 3.26 min Scan# 148

Delta R.T. 0.01 min

Lab File: VL036628.D

Acq: 1 Apr 2021 12:03

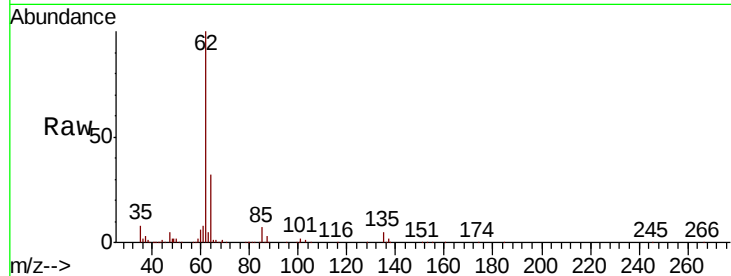
Instrument :
MSVOA_L
ClientSampled :

Tot Ion: 62 Resp: 915463

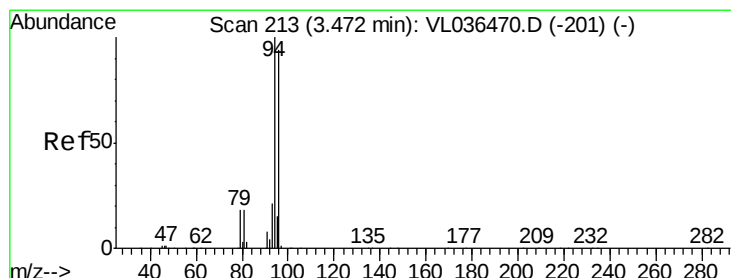
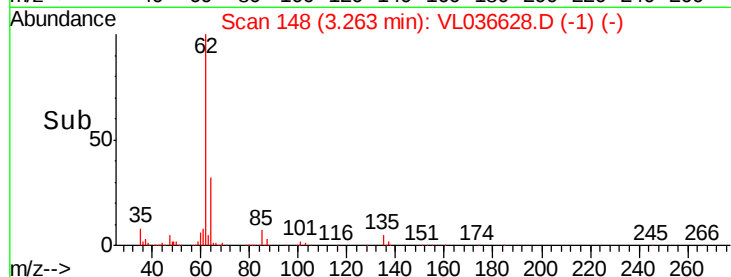
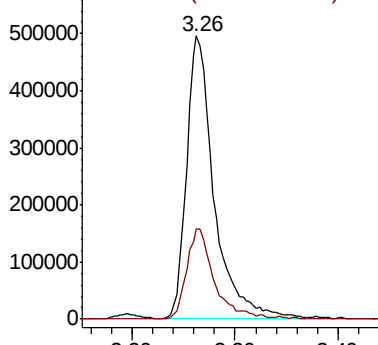
Ion Ratio Lower Upper

62 100

64 31.9 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: 8.947 ppbv

RT: 3.48 min Scan# 216

Delta R.T. 0.01 min

Lab File: VL036628.D

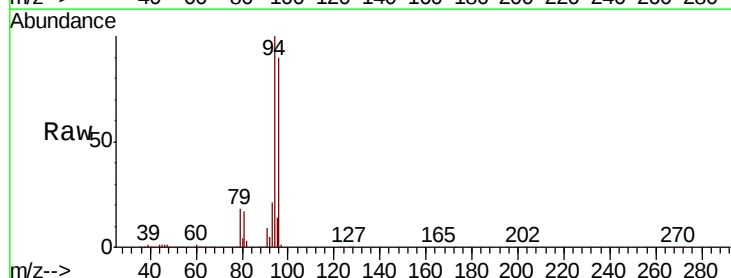
Acq: 1 Apr 2021 12:03

Tgt Ion: 94 Resp: 507485

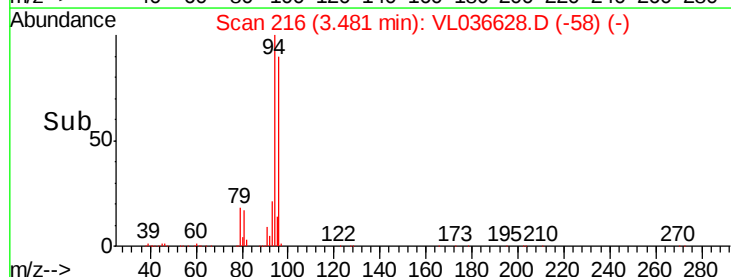
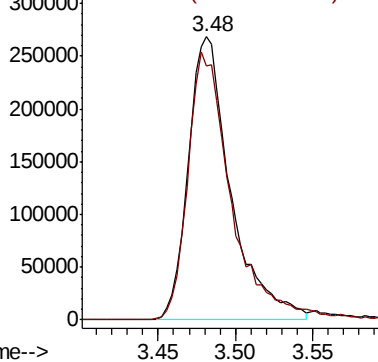
Ion Ratio Lower Upper

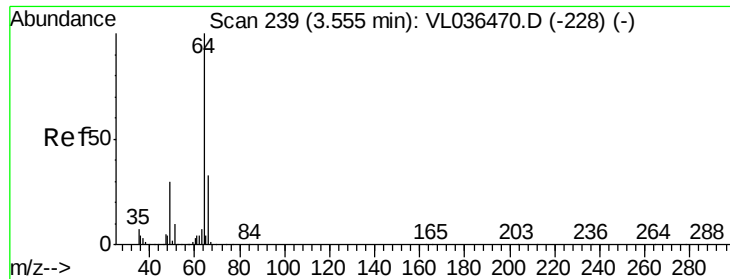
94 100

96 89.3 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: 8.503 ppbv

RT: 3.56 min Scan# 241

Delta R.T. 0.01 min

Lab File: VL036628.D

Acq: 1 Apr 2021 12:03

Instrument :

MSVOA_L

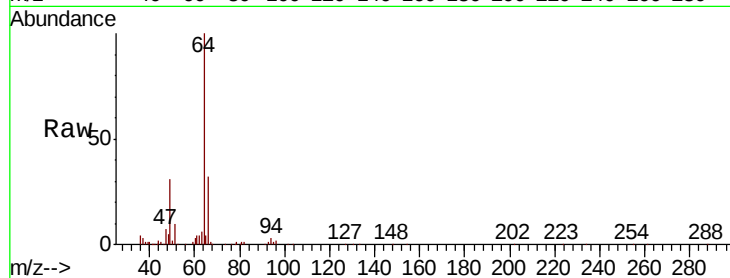
ClientSampleId :

Tot Ion: 64 Resp: 301042

Ion Ratio Lower Upper

64 100

66 32.0 26.2 39.2



Abundance Ion 64.10 (63.80 to 64.80): VL0

Ion 66.10 (65.80 to 66.80): VL0

3.56

200000

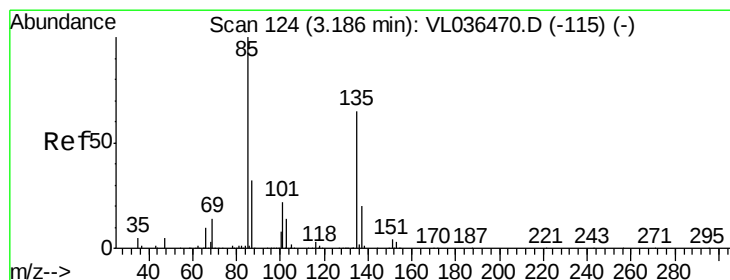
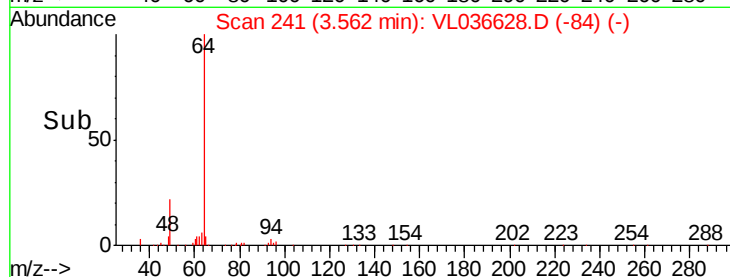
150000

100000

50000

0

Time--> 3.50 3.55 3.60



#8

Dichlorotetrafluoroethane

Concen: 8.880 ppbv

RT: 3.19 min Scan# 126

Delta R.T. 0.01 min

Lab File: VL036628.D

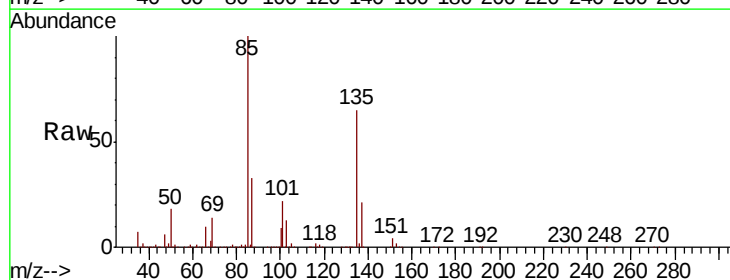
Acq: 1 Apr 2021 12:03

Tgt Ion: 85 Resp: 2098902

Ion Ratio Lower Upper

85 100

135 70.1 54.3 81.5



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 135.00 (134.70 to 135.70): V

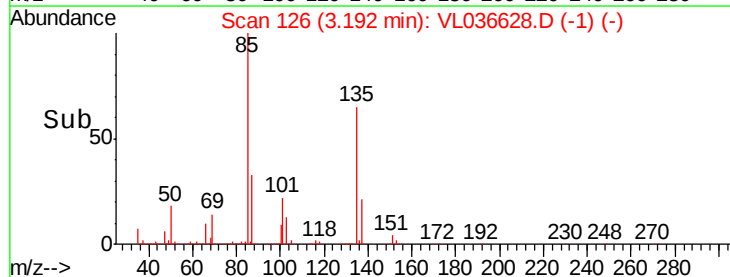
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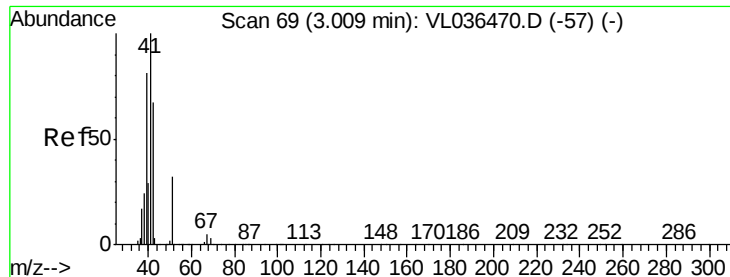
1000000

500000

0

Time--> 3.15 3.20 3.25 3.30





#9

Propene

Concen: 10.215 ppbv

RT: 3.02 min Scan# 71

Delta R.T. 0.01 min

Lab File: VL036628.D

Acq: 1 Apr 2021 12:03

Instrument :

MSVOA_L

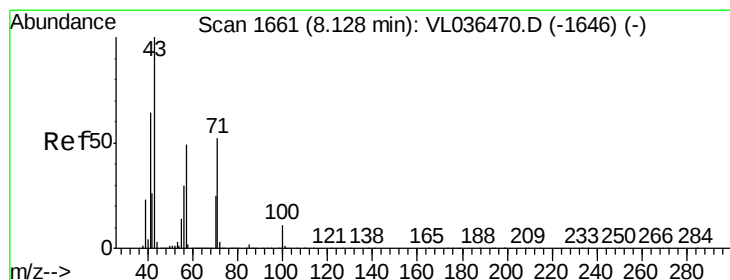
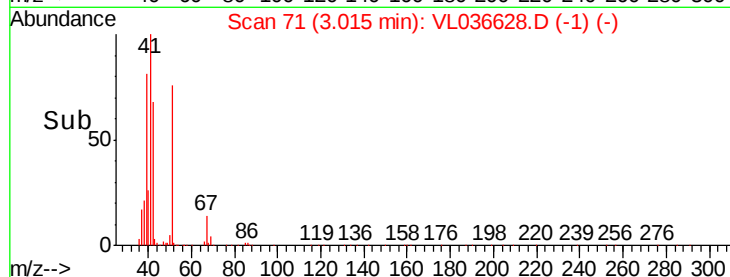
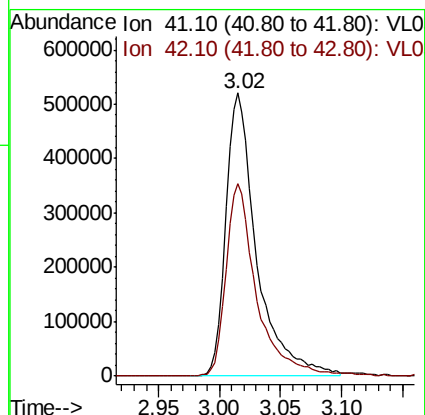
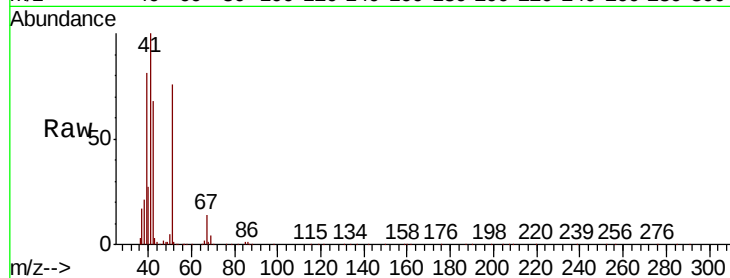
ClientSampleId :

Tot Ion: 41 Resp: 923780

Ion Ratio Lower Upper

41 100

42 68.3 57.0 85.4



#10

Heptane

Concen: 9.990 ppbv

RT: 8.13 min Scan# 1663

Delta R.T. 0.01 min

Lab File: VL036628.D

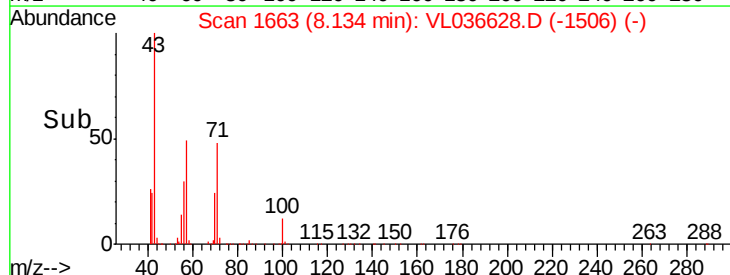
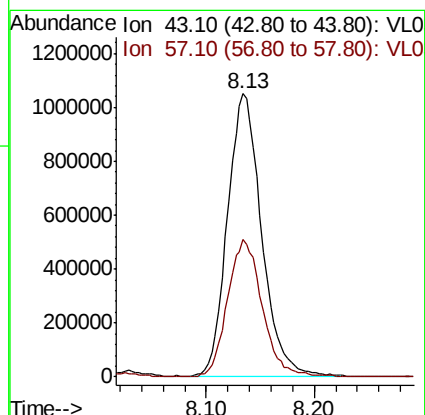
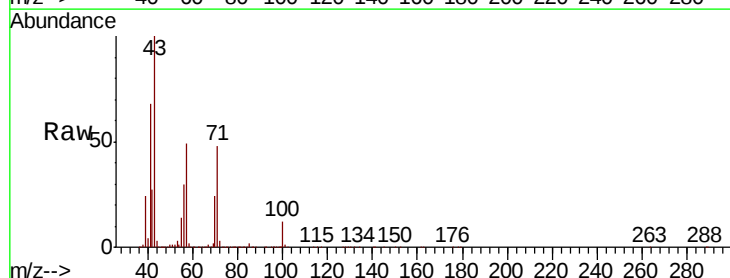
Acq: 1 Apr 2021 12:03

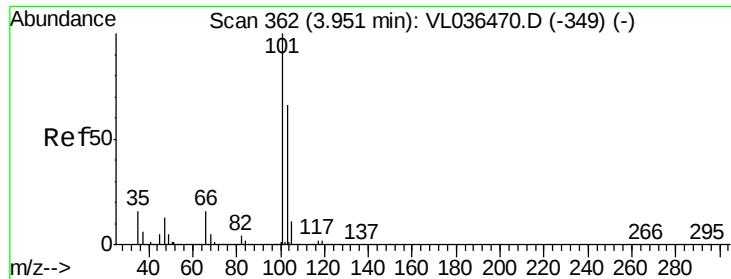
Tgt Ion: 43 Resp: 2301657

Ion Ratio Lower Upper

43 100

57 49.3 39.0 58.6

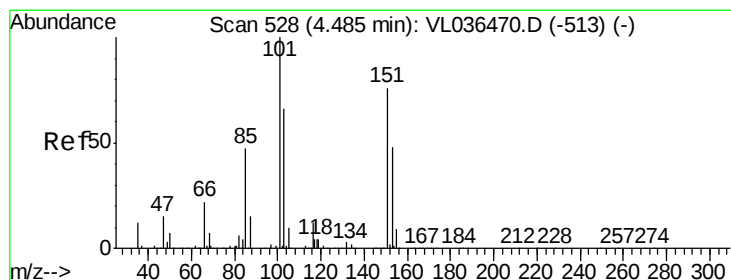
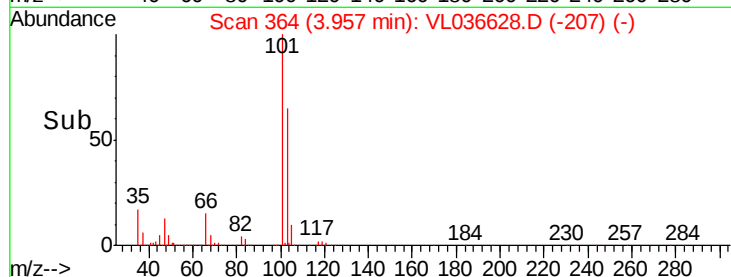
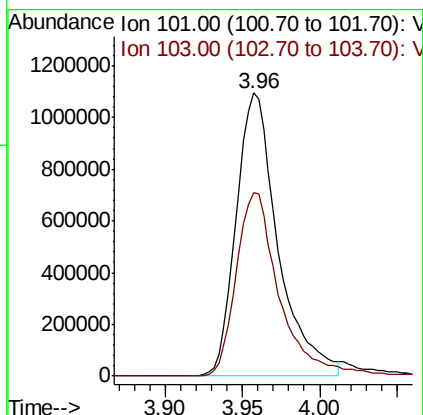
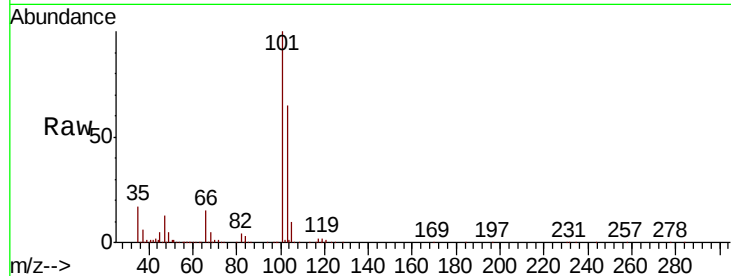




#11
 Trichlorofluoromethane
 Concen: 8.164 ppbv
 RT: 3.96 min Scan# 364
 Delta R.T. 0.01 min
 Lab File: VL036628.D
 Acq: 1 Apr 2021 12:03

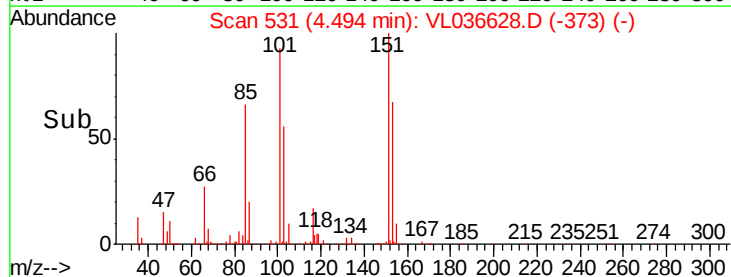
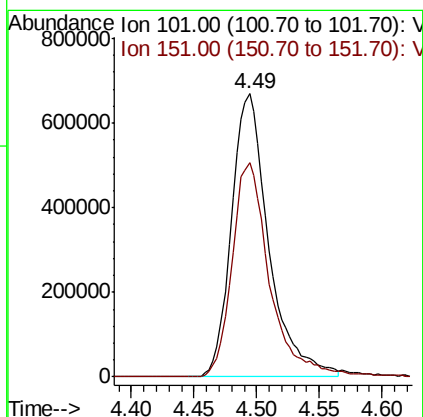
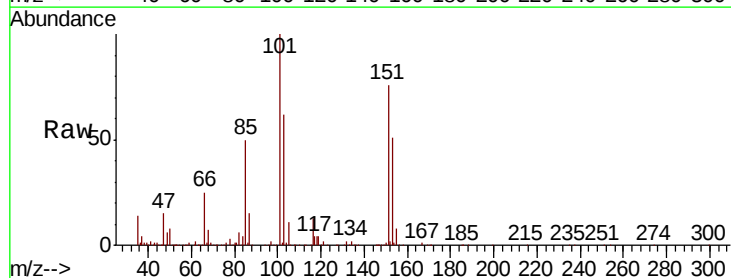
Instrument :
 MSVOA_L
 ClientSampleId :

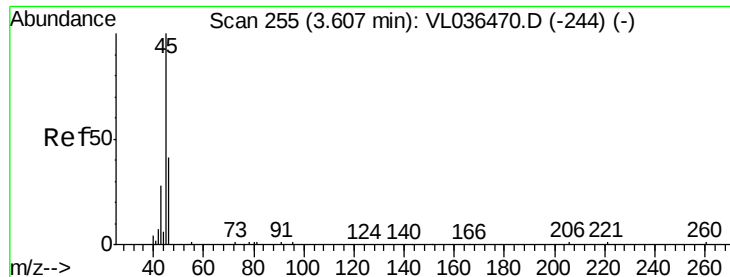
Tot Ion:101 Resp: 2060307
 Ion Ratio Lower Upper
 101 100
 103 64.9 52.5 78.7



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 8.595 ppbv
 RT: 4.49 min Scan# 531
 Delta R.T. 0.01 min
 Lab File: VL036628.D
 Acq: 1 Apr 2021 12:03

Tgt Ion:101 Resp: 1386916
 Ion Ratio Lower Upper
 101 100
 151 76.9 60.9 91.3

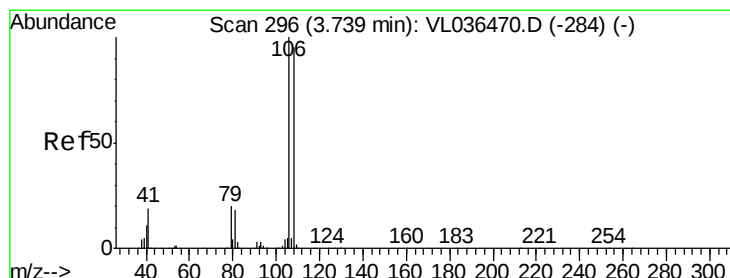
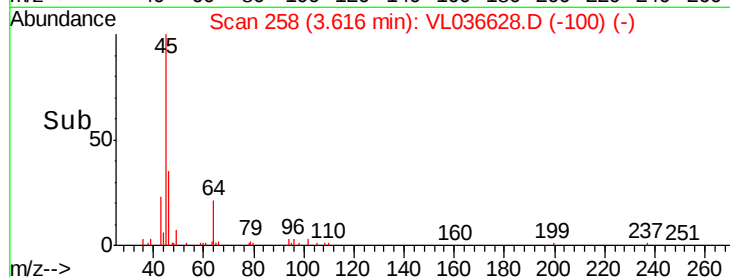
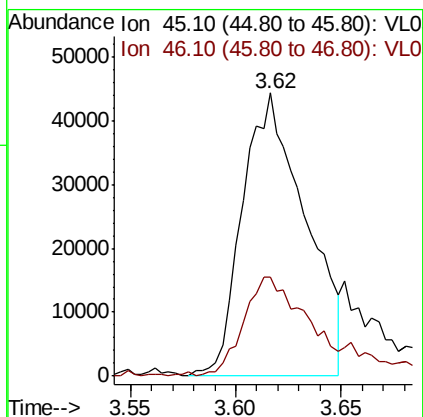
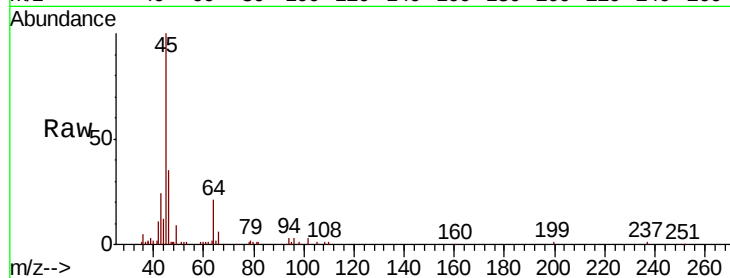




#13
Ethanol
Concen: 8.569 ppbv
RT: 3.62 min Scan# 258
Delta R.T. 0.01 min
Lab File: VL036628.D
Acq: 1 Apr 2021 12:03

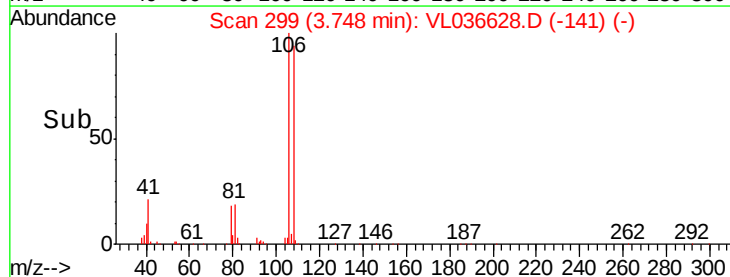
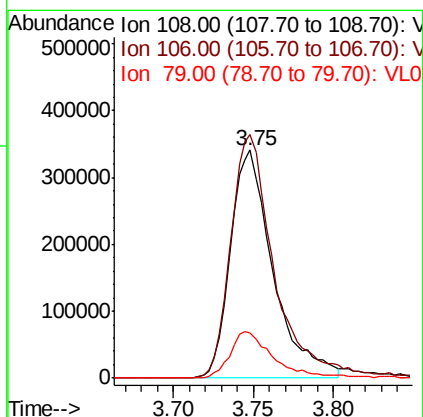
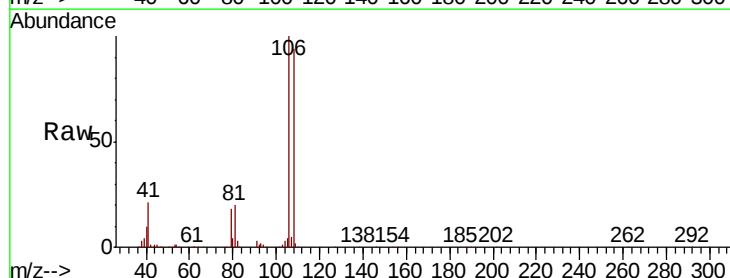
Instrument :
MSVOA_L
ClientSampled :

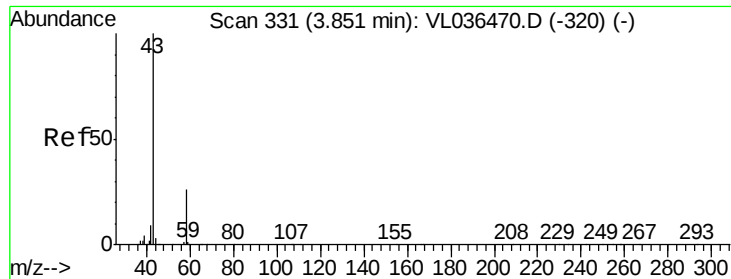
Tot Ion: 45 Resp: 92282
Ion Ratio Lower Upper
45 100
46 44.9 16.6 66.2



#14
Bromoethene
Concen: 9.234 ppbv
RT: 3.75 min Scan# 299
Delta R.T. 0.01 min
Lab File: VL036628.D
Acq: 1 Apr 2021 12:03

Tgt Ion: 108 Resp: 619396
Ion Ratio Lower Upper
108 100
106 110.9 89.0 133.6
79 21.4 16.6 25.0





#15

Acetone

Concen: 8.219 ppbv

RT: 3.86 min Scan# 333

Delta R.T. 0.01 min

Lab File: VL036628.D

Acq: 1 Apr 2021 12:03

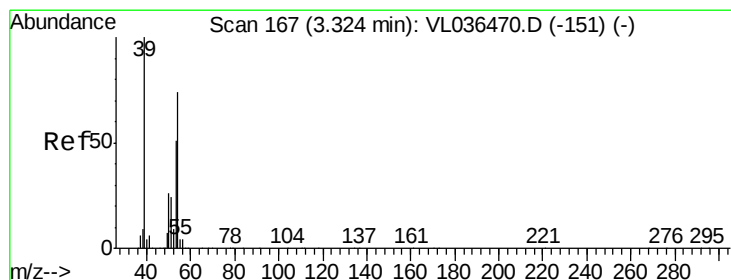
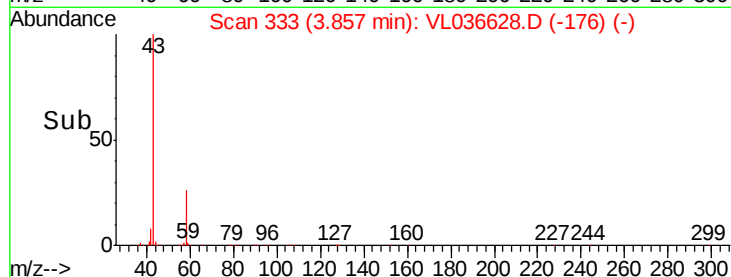
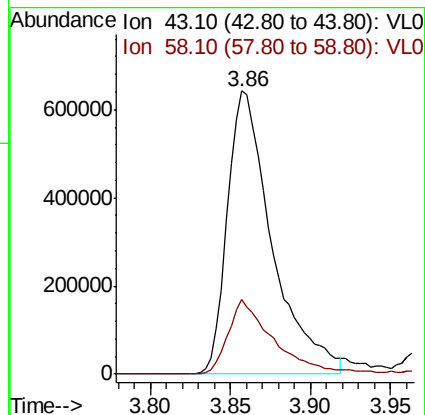
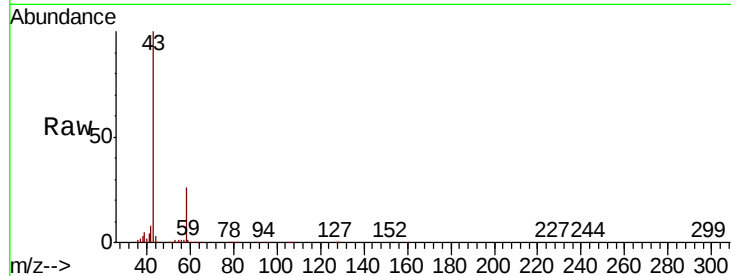
Instrument :
MSVOA_L
ClientSampleId :

Tot Ion: 43 Resp: 1228177

Ion Ratio Lower Upper

43 100

58 27.0 21.2 31.8



#16

1,3-Butadiene

Concen: 9.014 ppbv

RT: 3.33 min Scan# 170

Delta R.T. 0.01 min

Lab File: VL036628.D

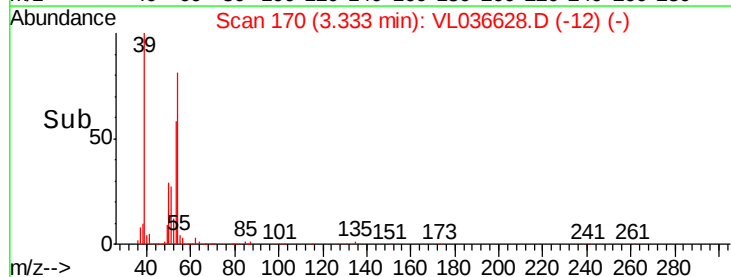
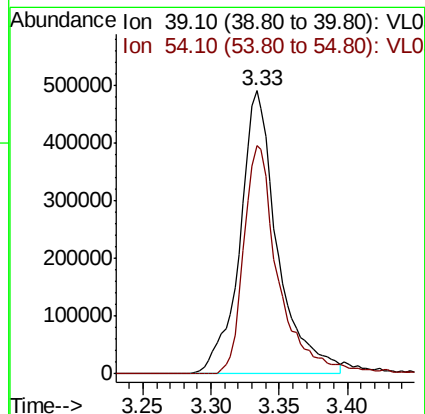
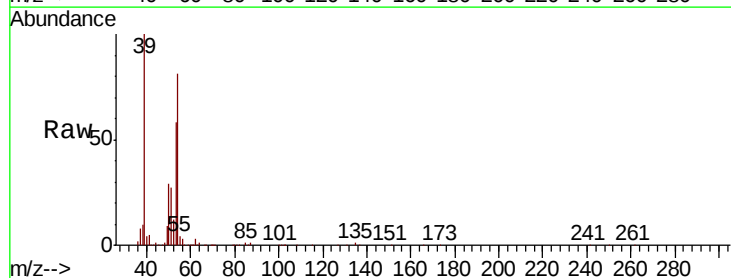
Acq: 1 Apr 2021 12:03

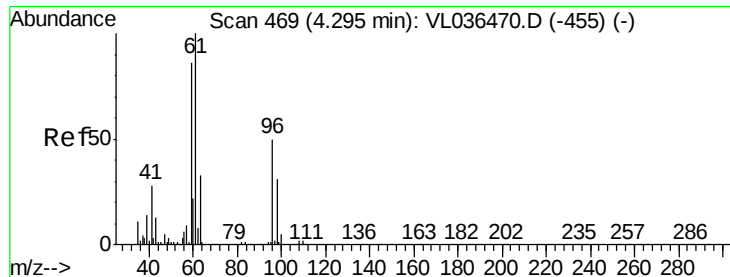
Tgt Ion: 39 Resp: 937848

Ion Ratio Lower Upper

39 100

54 75.9 58.8 88.2



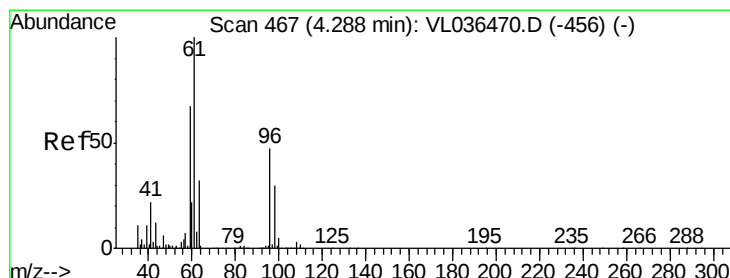
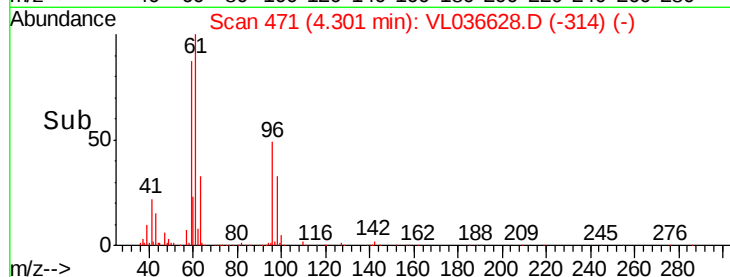
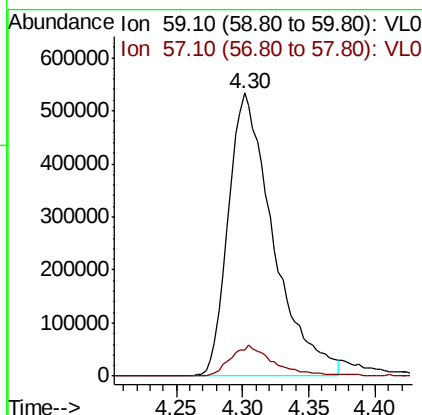
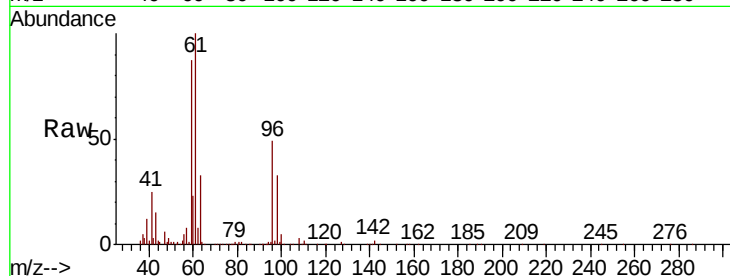


#17

tert-Butyl alcohol
Concen: 9.675 ppbv
RT: 4.30 min Scan# 471
Delta R.T. 0.01 min
Lab File: VL036628.D
Acq: 1 Apr 2021 12:03

Instrument :
MSVOA_L
ClientSampleId :

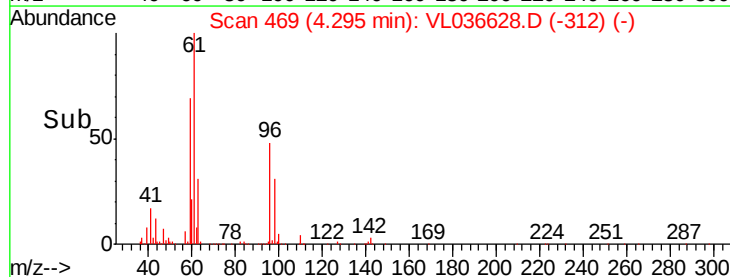
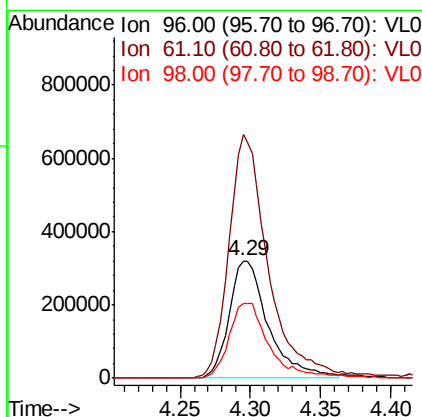
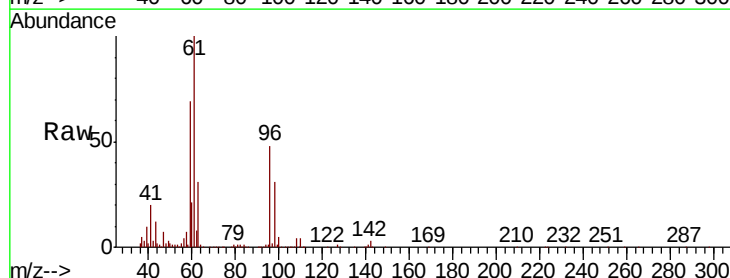
Tot Ion: 59 Resp: 1258591
Ion Ratio Lower Upper
59 100
57 11.2 8.6 12.8

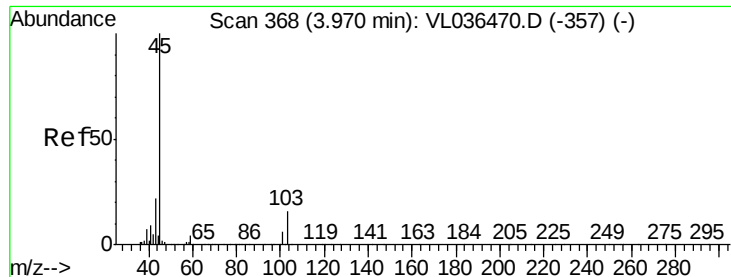


#18

1,1-Dichloroethene
Concen: 8.640 ppbv
RT: 4.29 min Scan# 469
Delta R.T. 0.01 min
Lab File: VL036628.D
Acq: 1 Apr 2021 12:03

Tgt Ion: 96 Resp: 620094
Ion Ratio Lower Upper
96 100
61 207.6 168.6 253.0
98 63.4 50.8 76.2





#19

Isopropyl Alcohol

Concen: 9.139 ppbv

RT: 3.98 min Scan# 370

Delta R.T. 0.01 min

Lab File: VL036628.D

Acq: 1 Apr 2021 12:03

Instrument :

MSVOA_L

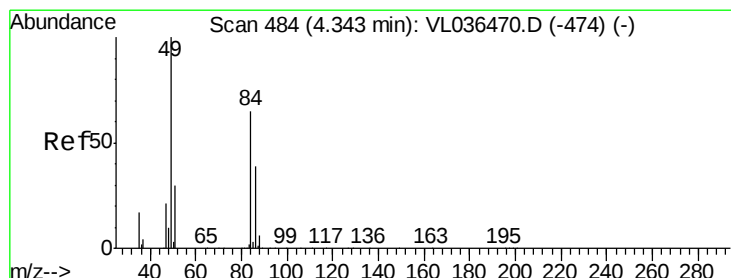
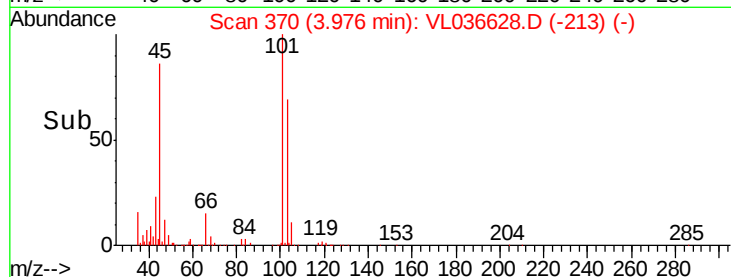
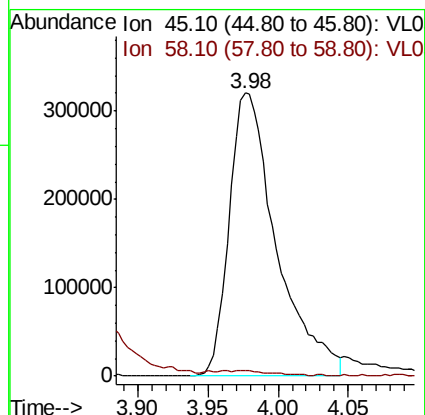
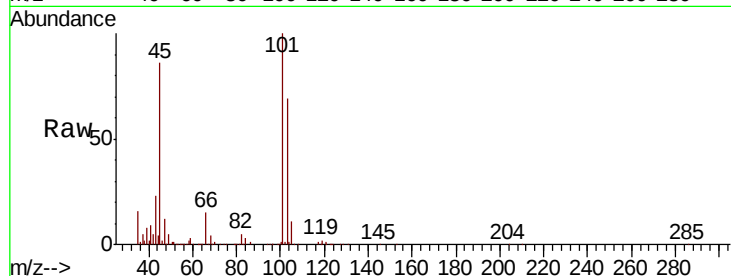
ClientSampleId :

Tot Ion: 45 Resp: 751236

Ion Ratio Lower Upper

45 100

58 2.8 2.9 4.3#



#20

Methylene Chloride

Concen: 7.854 ppbv

RT: 4.35 min Scan# 487

Delta R.T. 0.01 min

Lab File: VL036628.D

Acq: 1 Apr 2021 12:03

Tgt Ion: 84 Resp: 549544

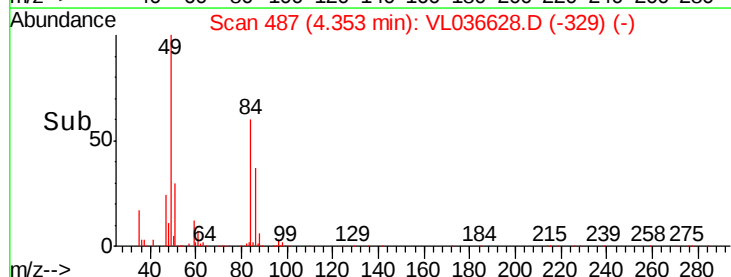
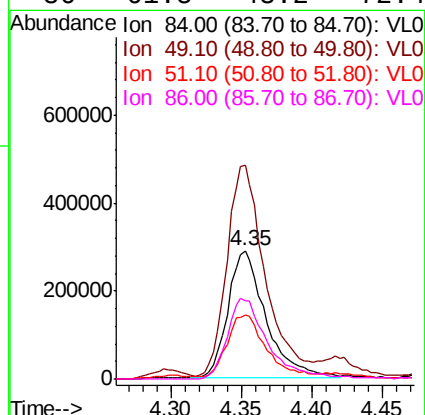
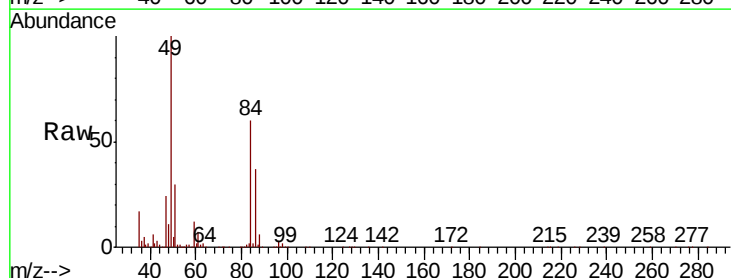
Ion Ratio Lower Upper

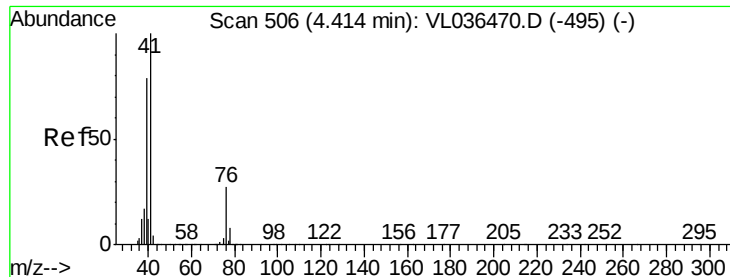
84 100

49 164.4 122.9 184.3

51 48.5 36.9 55.3

86 61.5 48.2 72.4

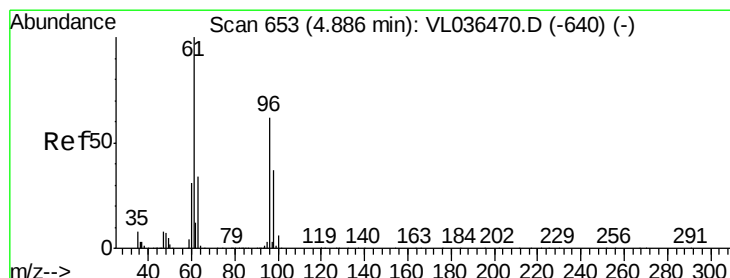
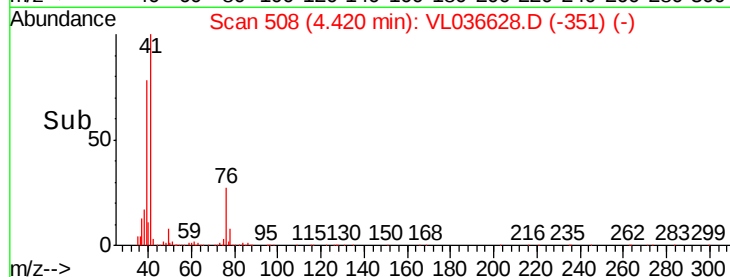
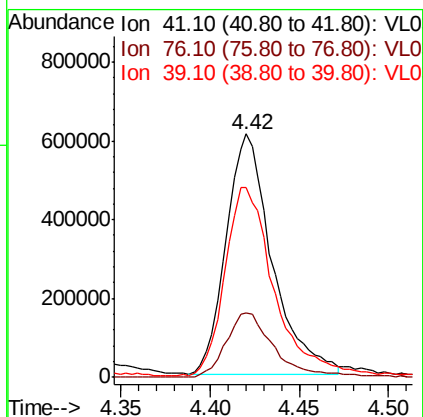
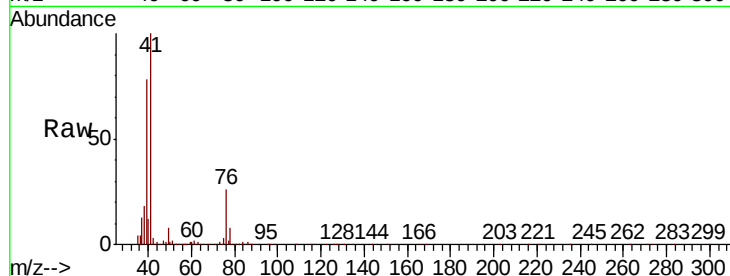




#21
 Allvl Chloride
 Concen: 9.195 ppbv
 RT: 4.42 min Scan# 508
 Delta R.T. 0.01 min
 Lab File: VL036628.D
 Acq: 1 Apr 2021 12:03

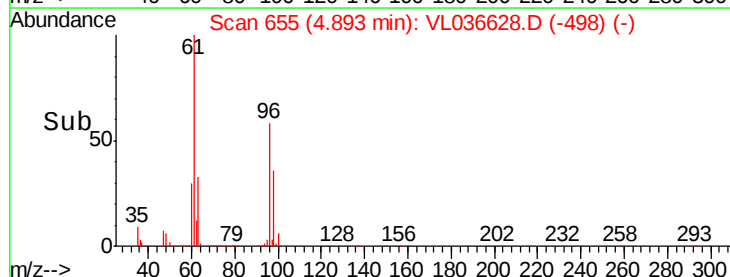
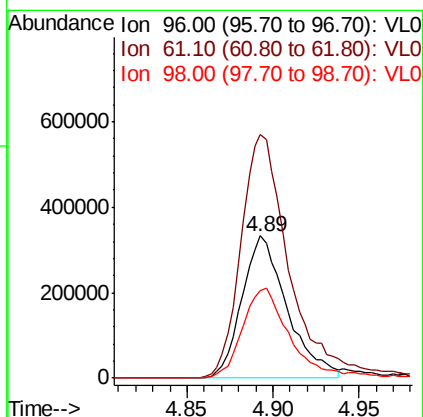
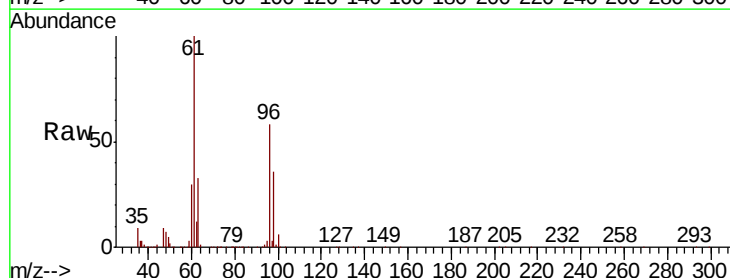
Instrument :
 MSVOA_L
 ClientSampled :

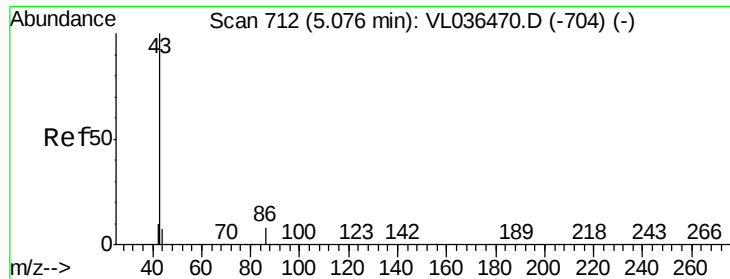
Tot Ion: 41 Resp: 1095344
 Ion Ratio Lower Upper
 41 100
 76 28.3 22.9 34.3
 39 84.8 67.3 100.9



#22
 trans-1,2-Dichloroethene
 Concen: 9.131 ppbv
 RT: 4.89 min Scan# 655
 Delta R.T. 0.01 min
 Lab File: VL036628.D
 Acq: 1 Apr 2021 12:03

Tgt Ion: 96 Resp: 607603
 Ion Ratio Lower Upper
 96 100
 61 171.4 129.4 194.0
 98 61.7 48.2 72.4



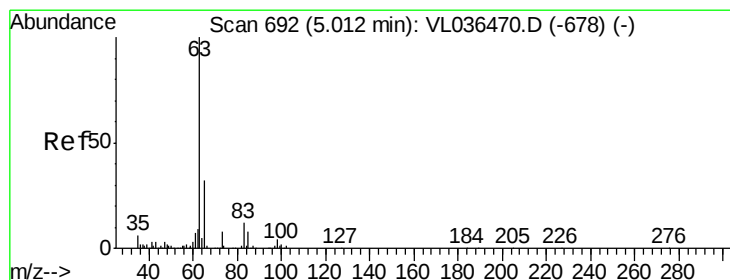
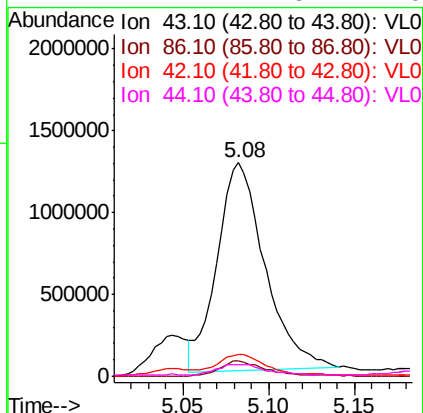
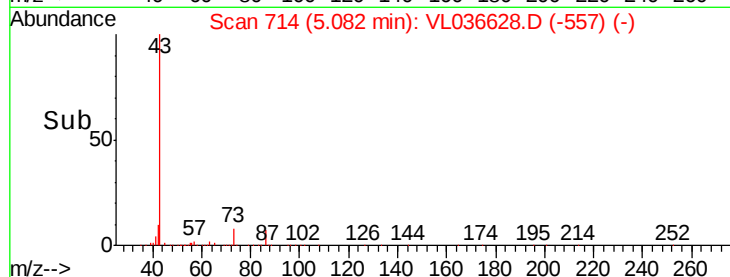
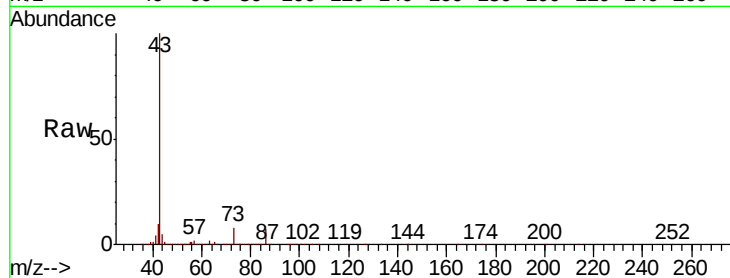


#23
 Vinyl Acetate
 Concen: 9.643 ppbv
 RT: 5.08 min Scan# 714
 Delta R.T. 0.01 min
 Lab File: VL036628.D
 Acq: 1 Apr 2021 12:03

Instrument :
 MSVOA_L
 ClientSampleId :

Tot Ion: 43 Resp: 2464960

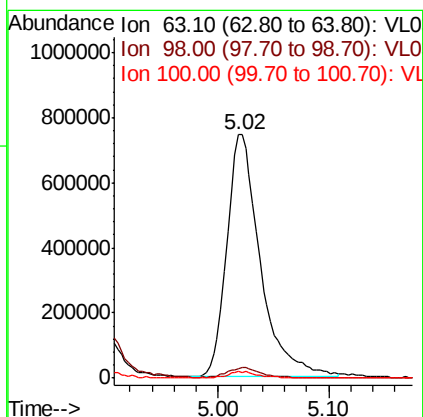
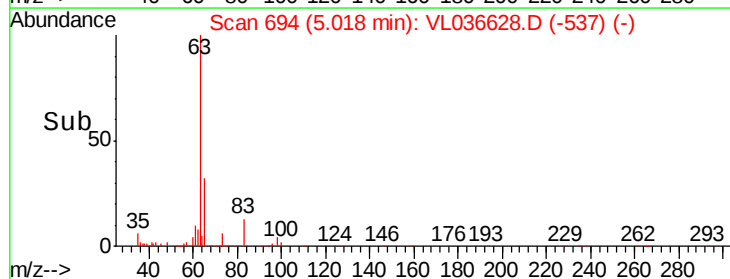
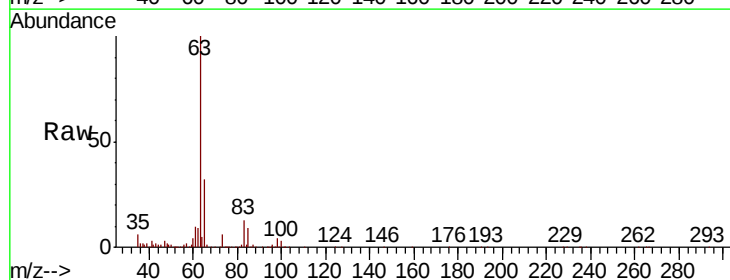
Ion	Ratio	Lower	Upper
43	100		
86	7.4	5.4	8.0
42	9.9	8.5	12.7
44	4.7	4.6	7.0

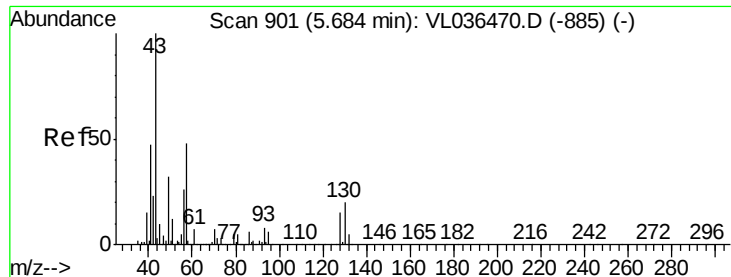


#24
 1,1-Dichloroethane
 Concen: 8.409 ppbv
 RT: 5.02 min Scan# 694
 Delta R.T. 0.01 min
 Lab File: VL036628.D
 Acq: 1 Apr 2021 12:03

Tgt Ion: 63 Resp: 1566832

Ion	Ratio	Lower	Upper
63	100		
98	3.7	2.1	6.2
100	2.5	0.9	2.8

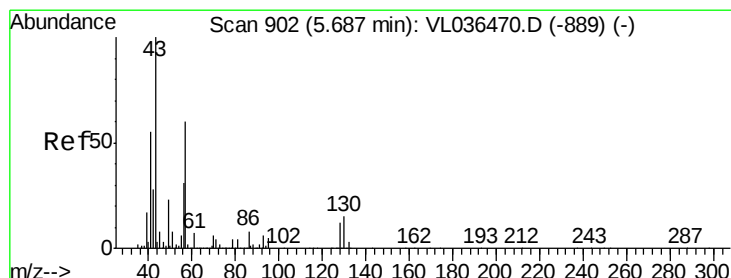
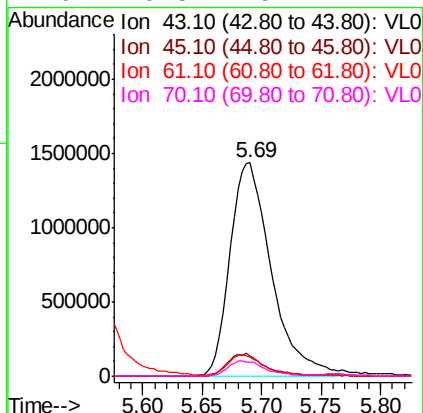
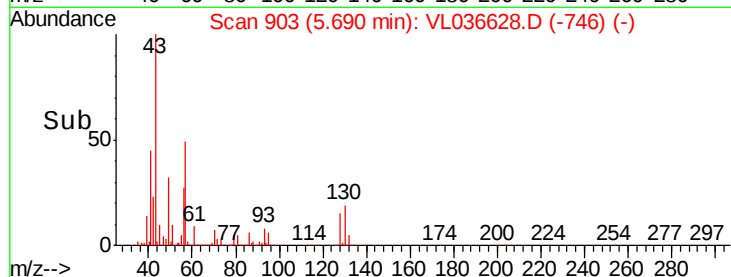
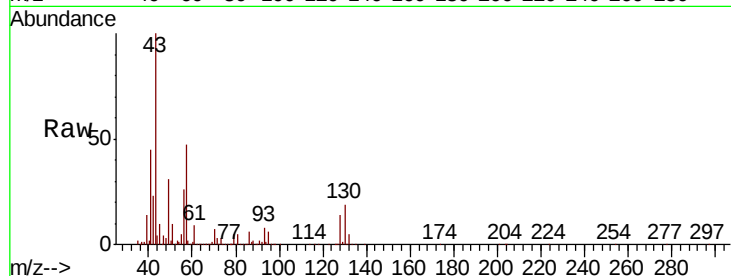




#25
Ethyl Acetate
Concen: 9.697 ppbv
RT: 5.69 min Scan# 903
Delta R.T. 0.01 min
Lab File: VL036628.D
Acq: 1 Apr 2021 12:03

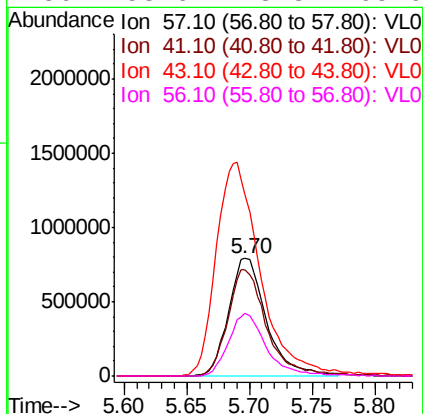
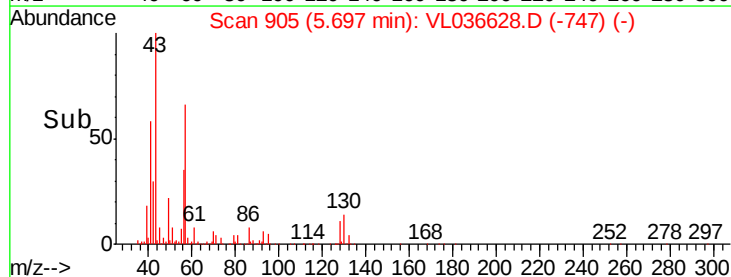
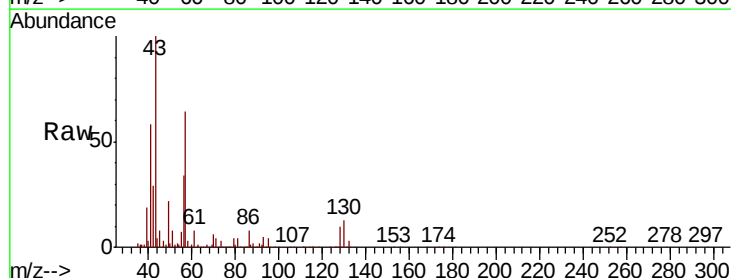
Instrument :
MSVOA_L
ClientSampleId :

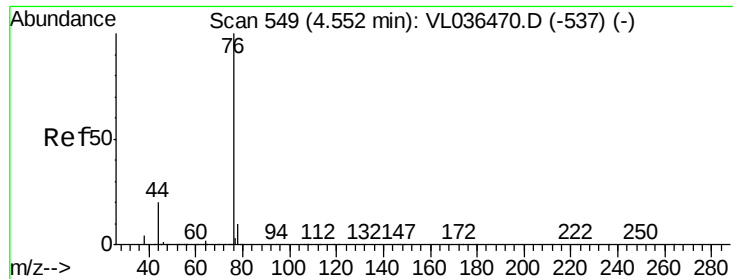
Tot Ion: 43 Resp: 3445249
Ion Ratio Lower Upper
43 100
45 10.1 7.9 11.9
61 9.2 7.4 11.2
70 6.5 5.1 7.7



#26
Hexane
Concen: 10.049 ppbv
RT: 5.70 min Scan# 905
Delta R.T. 0.01 min
Lab File: VL036628.D
Acq: 1 Apr 2021 12:03

Tgt Ion: 57 Resp: 1656781
Ion Ratio Lower Upper
57 100
41 93.8 77.2 115.8
43 213.8 173.8 260.6
56 53.6 43.8 65.6

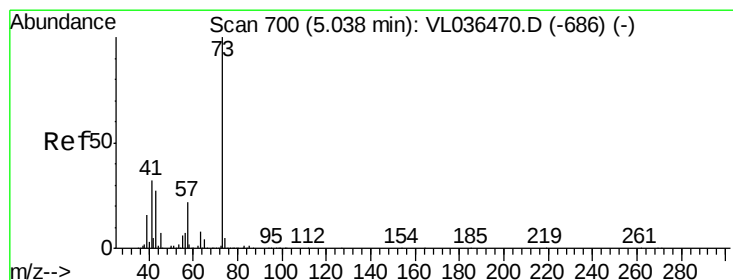
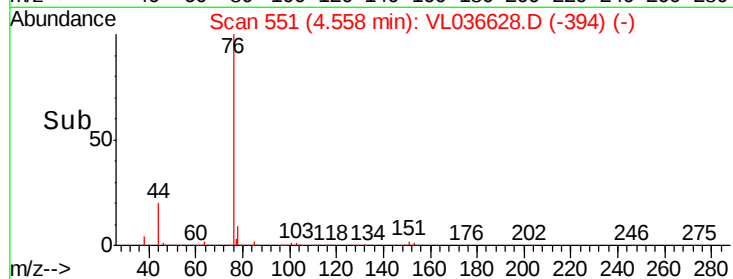
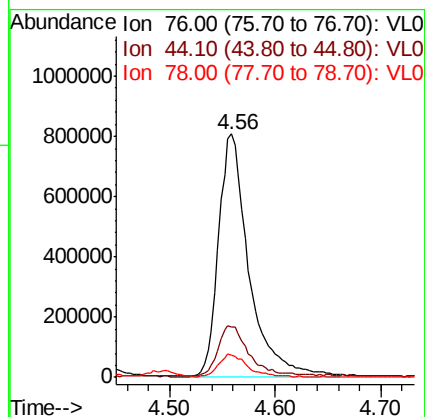
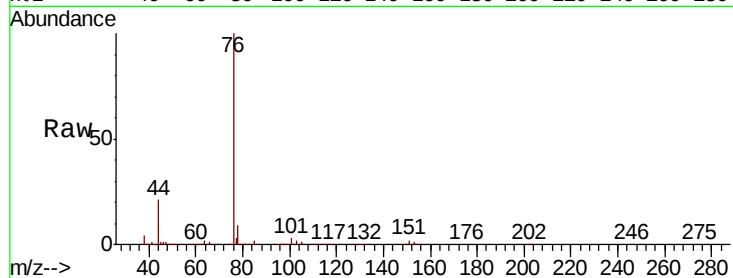




#27
Carbon Disulfide
Concen: 9.997 ppbv
RT: 4.56 min Scan# 551
Delta R.T. 0.01 min
Lab File: VL036628.D
Acq: 1 Apr 2021 12:03

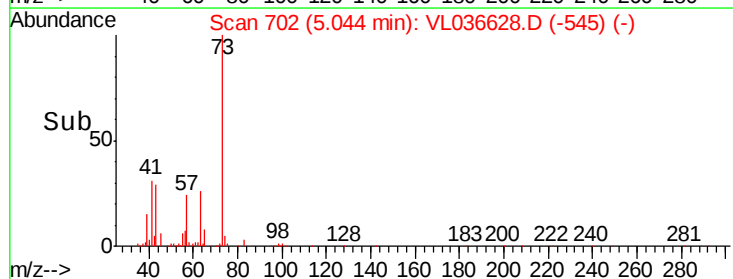
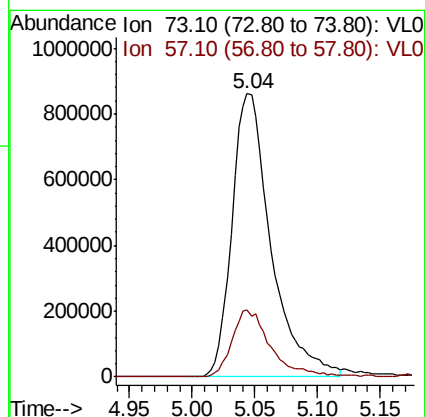
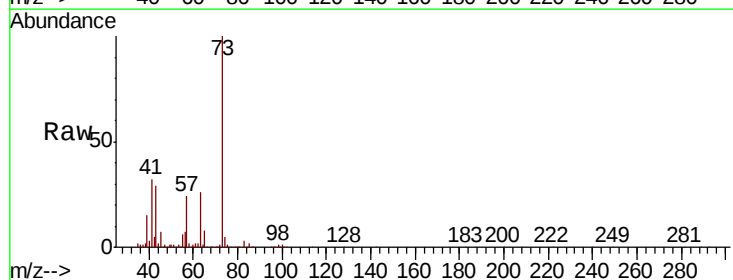
Instrument :
MSVOA_L
ClientSampleId :

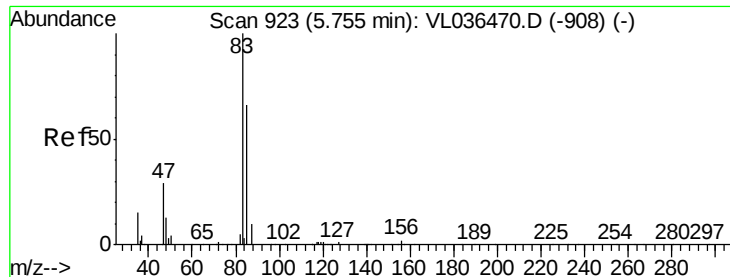
Tot Ion: 76 Resp: 1623598
Ion Ratio Lower Upper
76 100
44 21.7 17.5 26.3
78 9.9 8.6 13.0



#28
Methyl tert-Butyl Ether
Concen: 9.583 ppbv
RT: 5.04 min Scan# 702
Delta R.T. 0.01 min
Lab File: VL036628.D
Acq: 1 Apr 2021 12:03

Tgt Ion: 73 Resp: 1863185
Ion Ratio Lower Upper
73 100
57 23.7 18.5 27.7

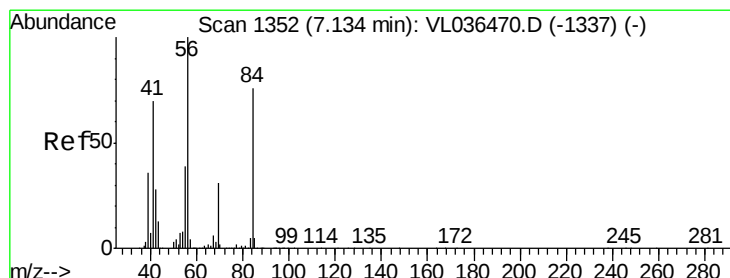
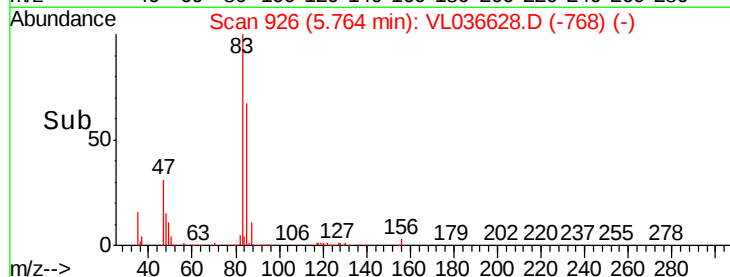
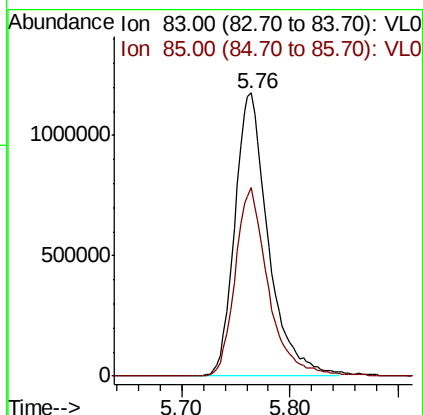
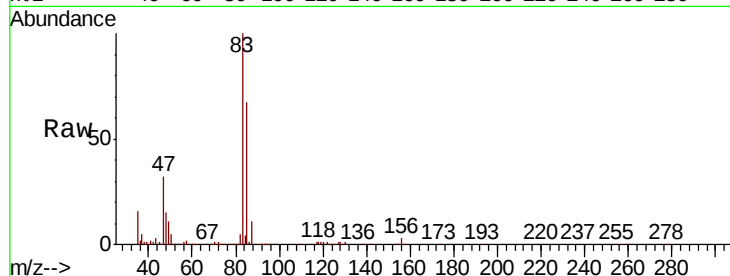




#29
Chloroform
Concen: 9.652 ppbv
RT: 5.76 min Scan# 926
Delta R.T. 0.01 min
Lab File: VL036628.D
Acq: 1 Apr 2021 12:03

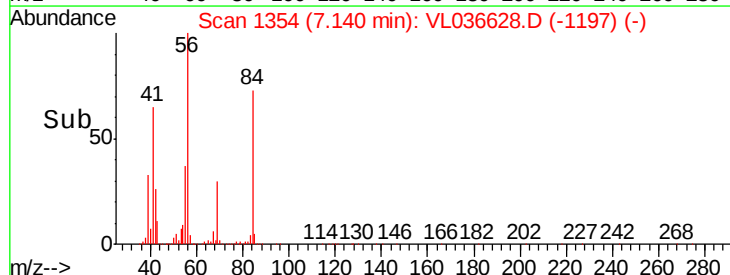
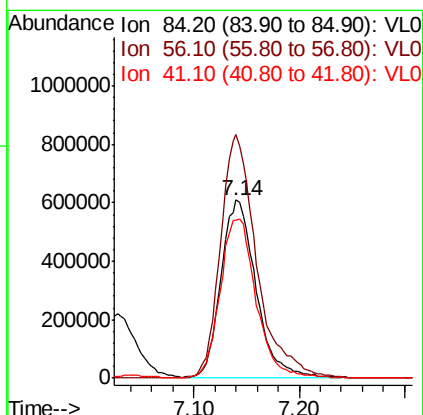
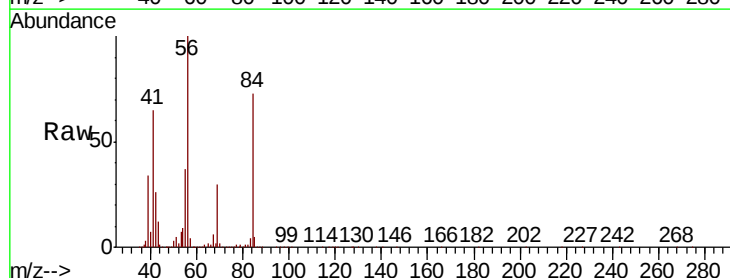
Instrument :
MSVOA_L
ClientSampleId :

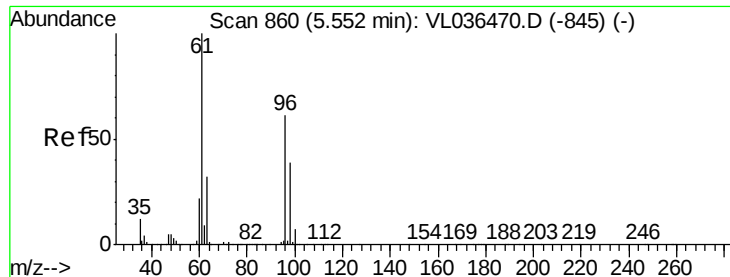
Tot Ion: 83 Resp: 2544857
Ion Ratio Lower Upper
83 100
85 66.5 52.6 78.8



#30
Cyclohexane
Concen: 10.390 ppbv
RT: 7.14 min Scan# 1354
Delta R.T. 0.01 min
Lab File: VL036628.D
Acq: 1 Apr 2021 12:03

Tgt Ion: 84 Resp: 1389257
Ion Ratio Lower Upper
84 100
56 143.6 114.6 171.8
41 92.7 75.3 112.9



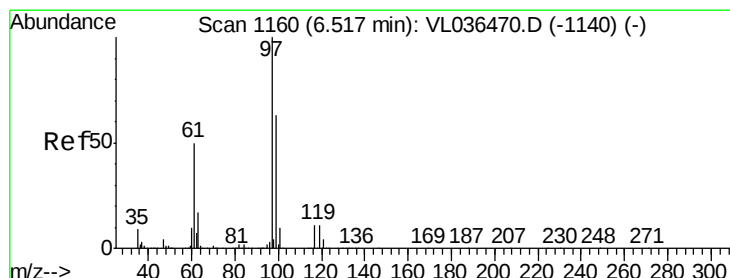
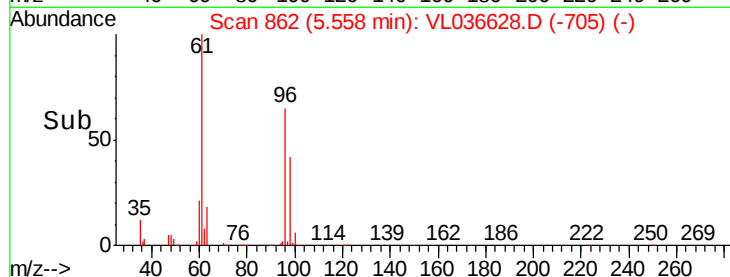
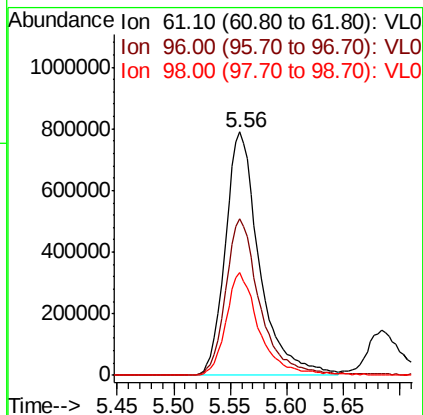
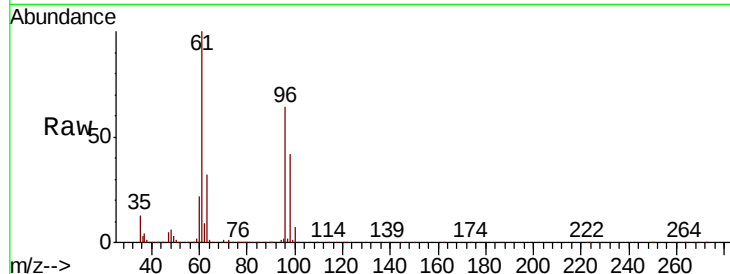


#31

cis-1,2-Dichloroethene
Concen: 10.356 ppbv
RT: 5.56 min Scan# 862
Delta R.T. 0.01 min
Lab File: VL036628.D
Acq: 1 Apr 2021 12:03

Instrument :
MSVOA_L
ClientSampled :

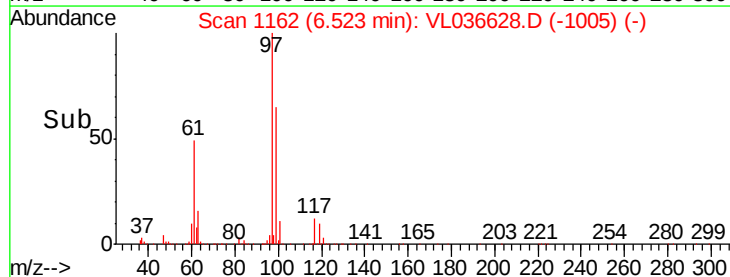
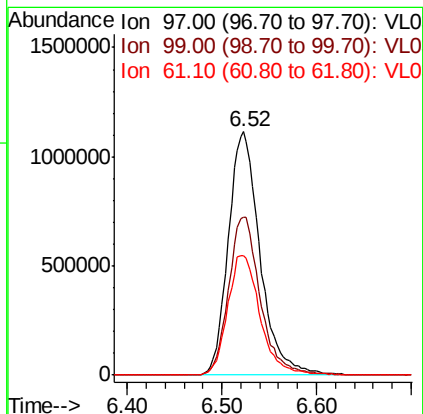
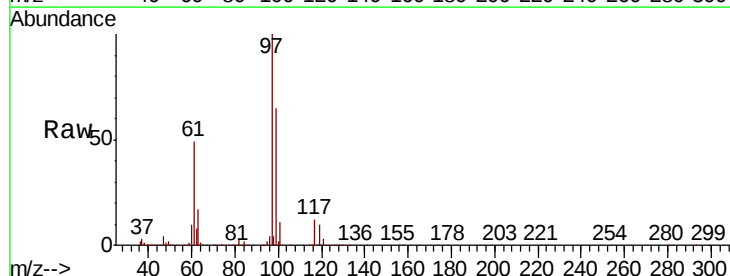
Tot Ion: 61 Resp: 1651350
Ion Ratio Lower Upper
61 100
96 64.0 48.7 73.1
98 42.0 31.4 47.0

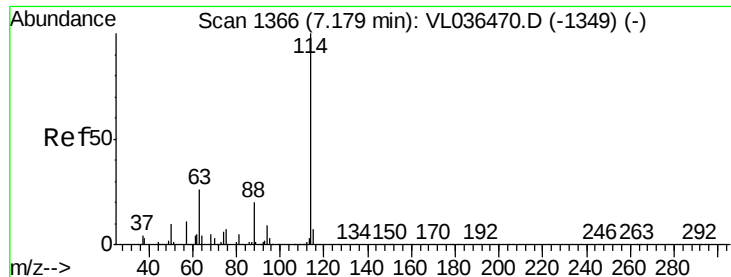


#32

1,1,1-Trichloroethane
Concen: 9.771 ppbv
RT: 6.52 min Scan# 1162
Delta R.T. 0.01 min
Lab File: VL036628.D
Acq: 1 Apr 2021 12:03

Tgt Ion: 97 Resp: 2596512
Ion Ratio Lower Upper
97 100
99 65.2 51.4 77.0
61 50.8 40.6 60.8

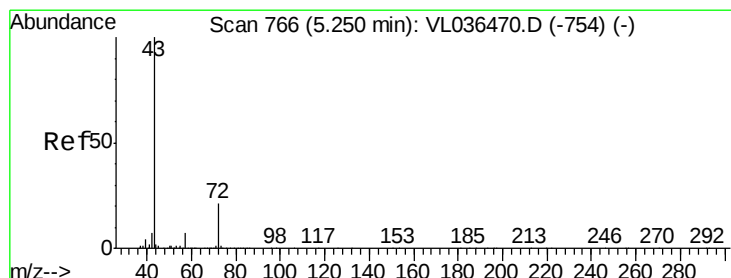
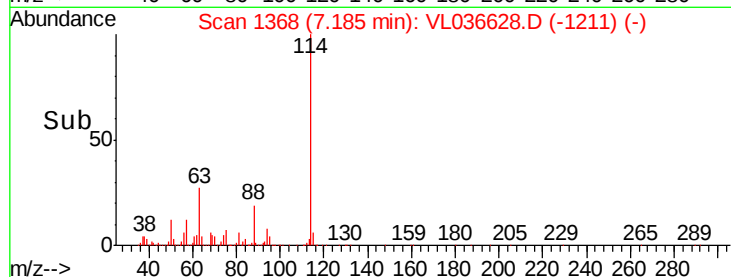
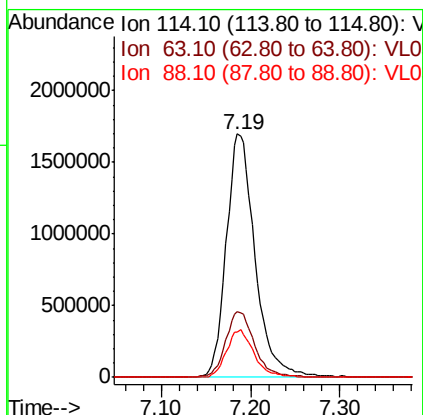
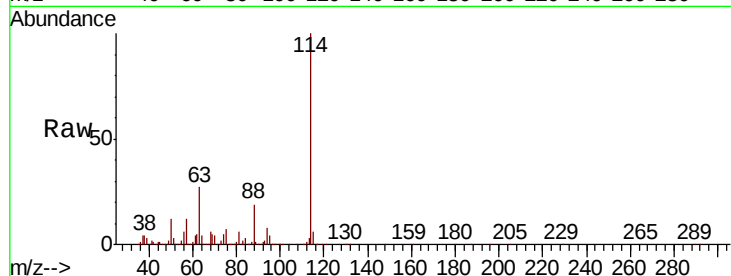




#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.19 min Scan# 1368
 Delta R.T. 0.01 min
 Lab File: VL036628.D
 Acq: 1 Apr 2021 12:03

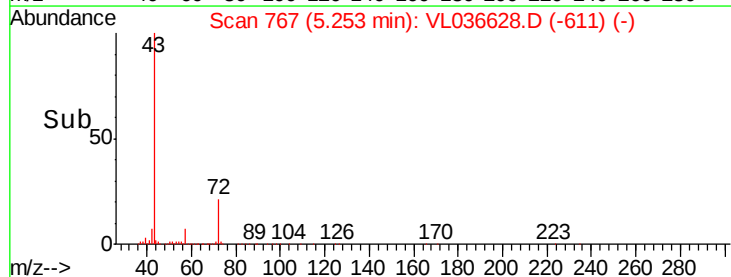
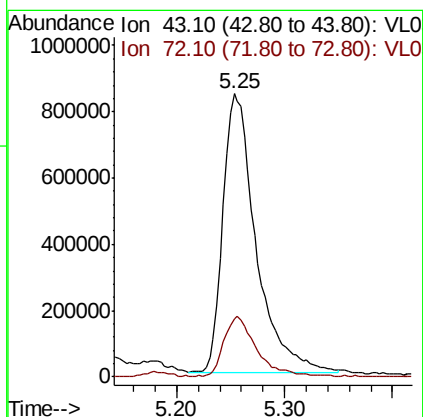
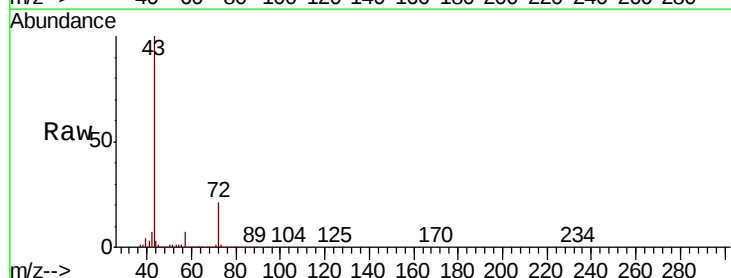
Instrument :
 MSVOA_L
 ClientSampleId :

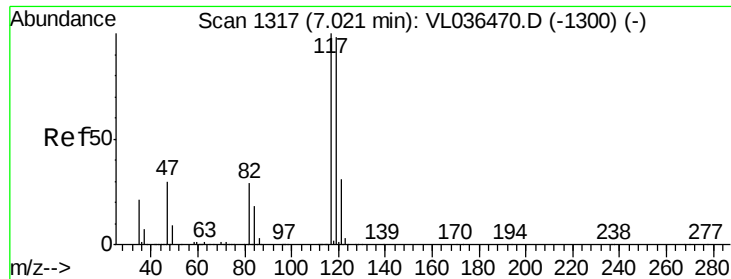
Tot Ion:114 Resp: 3787071
 Ion Ratio Lower Upper
 114 100
 63 27.4 22.4 33.6
 88 18.8 15.4 23.0



#34
 2-Butanone
 Concen: 9.688 ppbv
 RT: 5.25 min Scan# 767
 Delta R.T. 0.00 min
 Lab File: VL036628.D
 Acq: 1 Apr 2021 12:03

Tgt Ion: 43 Resp: 1790904
 Ion Ratio Lower Upper
 43 100
 72 21.8 17.0 25.6





#35

Carbon Tetrachloride

Concen: 9.272 ppbv

RT: 7.03 min Scan# 1319

Delta R.T. 0.01 min

Lab File: VL036628.D

Acq: 1 Apr 2021 12:03

Instrument :

MSVOA_L

ClientSampleId :

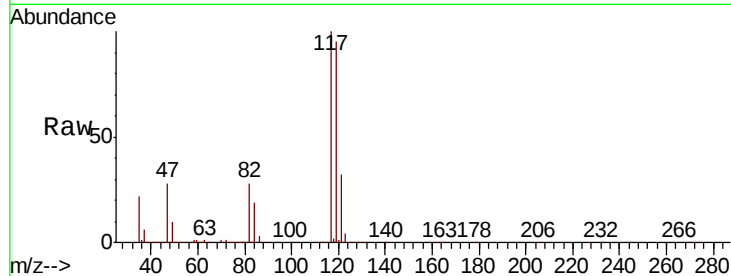
Tot Ion:117 Resp: 2697036

Ion Ratio Lower Upper

117 100

119 95.4 78.2 117.2

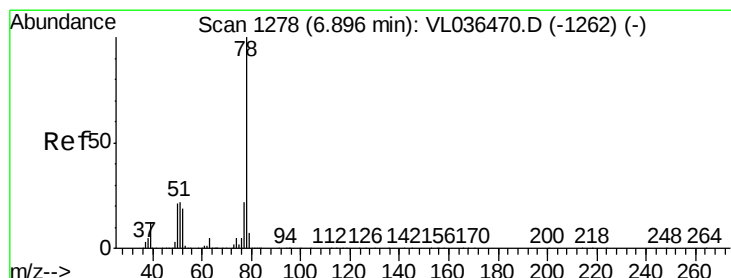
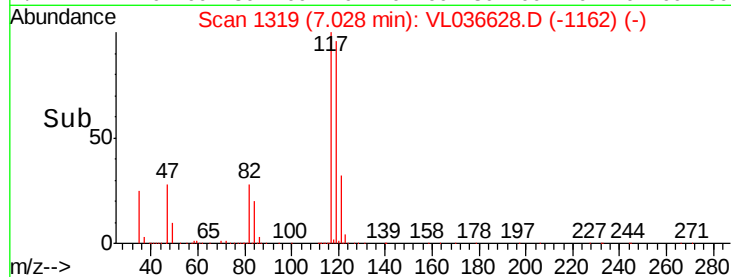
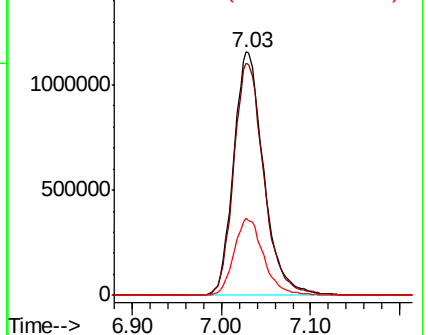
121 31.5 24.5 36.7



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: 9.693 ppbv

RT: 6.90 min Scan# 1280

Delta R.T. 0.01 min

Lab File: VL036628.D

Acq: 1 Apr 2021 12:03

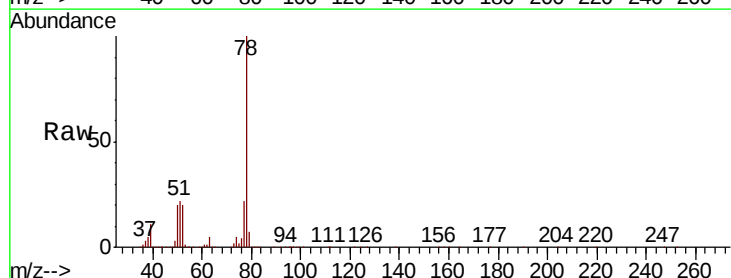
Tgt Ion: 78 Resp: 3385517

Ion Ratio Lower Upper

78 100

77 22.4 18.0 27.0

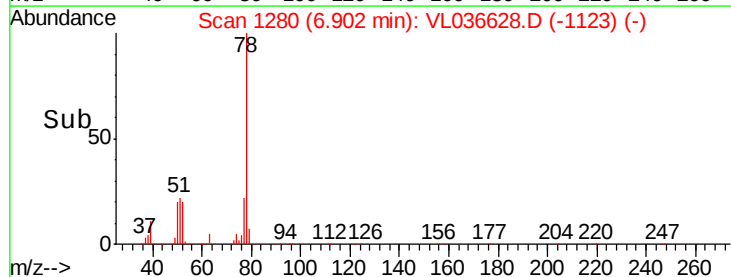
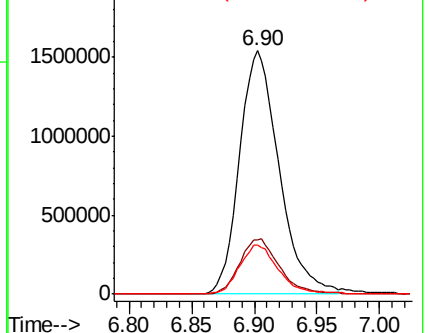
50 20.2 16.5 24.7

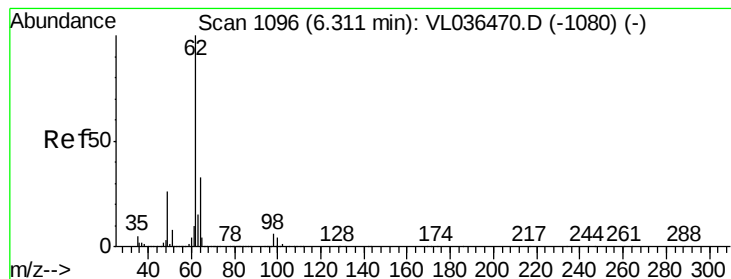


Abundance Ion 78.10 (77.80 to 78.80): VL0

Ion 77.10 (76.80 to 77.80): VL0

Ion 50.10 (49.80 to 50.80): VL0





#37

1,2-Dichloroethane

Concen: 9.332 ppbv

RT: 6.32 min Scan# 1098

Delta R.T. 0.01 min

Lab File: VL036628.D

Acq: 1 Apr 2021 12:03

Instrument :

MSVOA_L

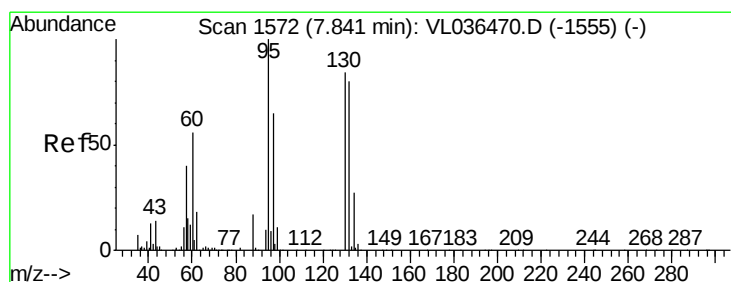
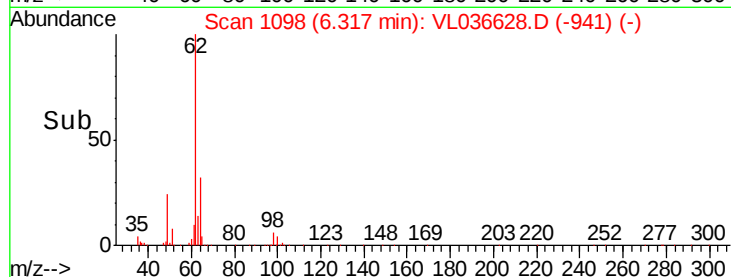
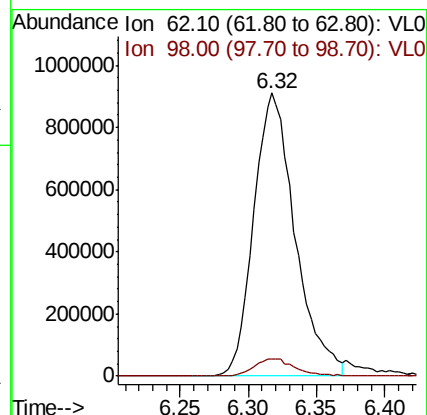
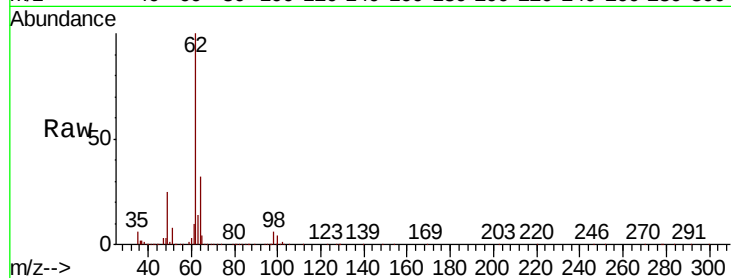
ClientSampleId :

Tot Ion: 62 Resp: 1918311

Ion Ratio Lower Upper

62 100

98 6.4 4.9 7.3



#38

Trichloroethene

Concen: 8.957 ppbv

RT: 7.84 min Scan# 1573

Delta R.T. 0.00 min

Lab File: VL036628.D

Acq: 1 Apr 2021 12:03

Tgt Ion: 130 Resp: 1217534

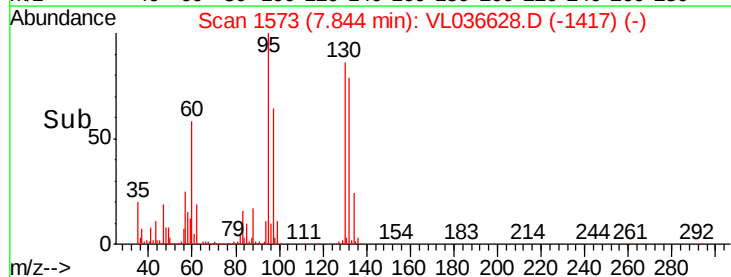
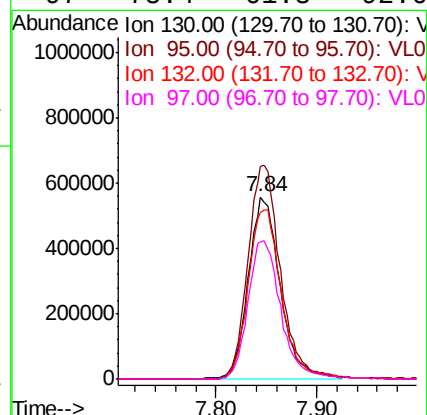
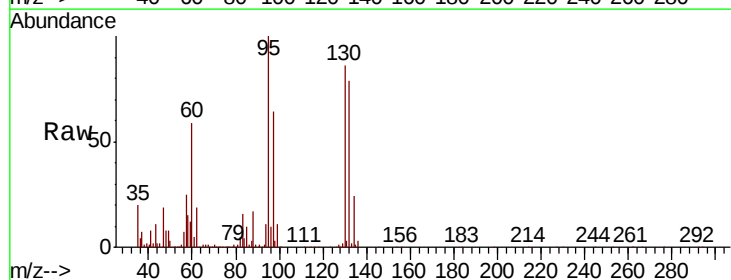
Ion Ratio Lower Upper

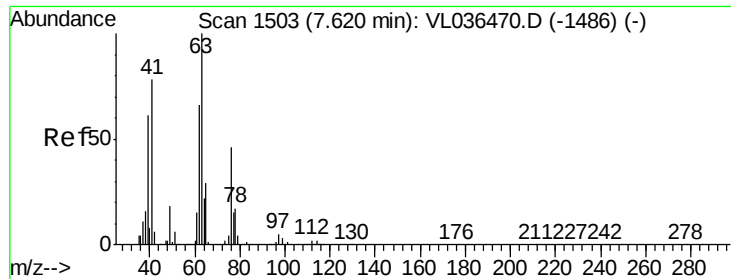
130 100

95 116.9 95.7 143.5

132 91.8 76.2 114.4

97 75.4 61.8 92.6

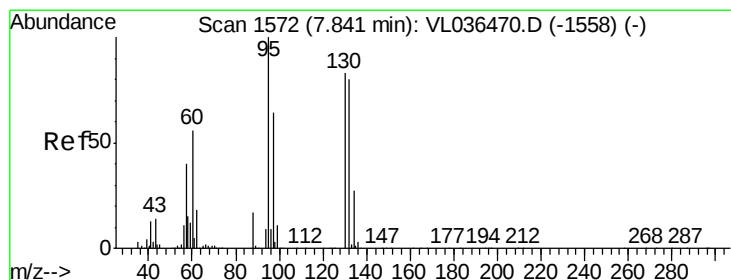
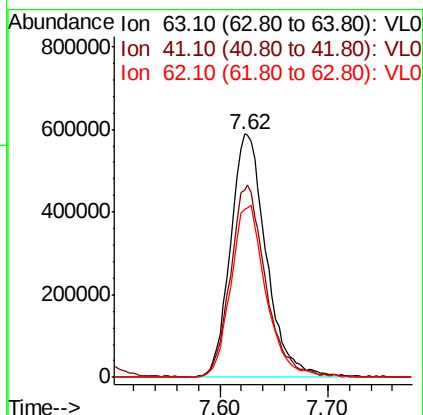
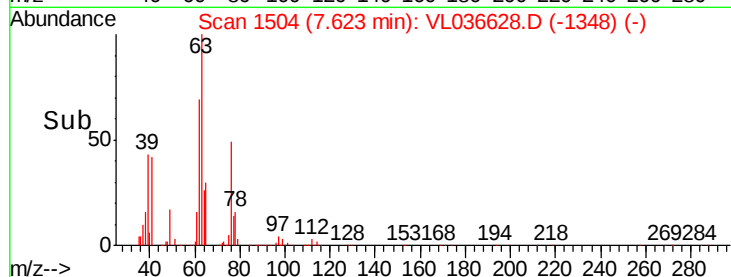
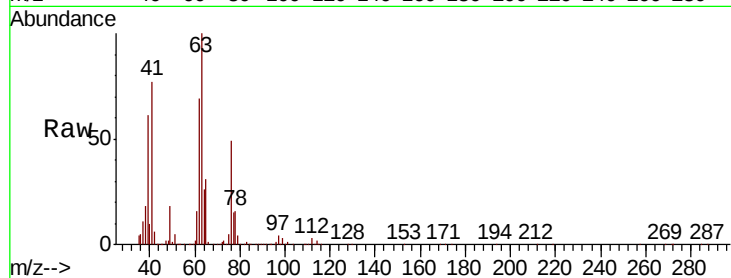




#39
 1,2-Dichloropropane
 Concen: 9.573 ppbv
 RT: 7.62 min Scan# 1504
 Delta R.T. 0.00 min
 Lab File: VL036628.D
 Acq: 1 Apr 2021 12:03

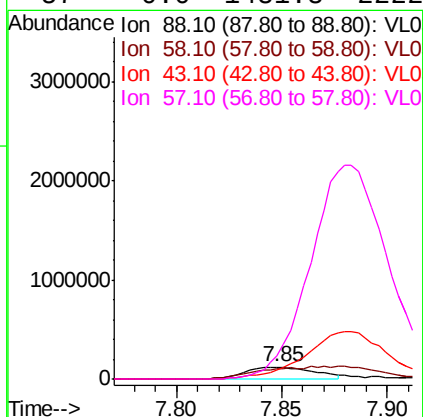
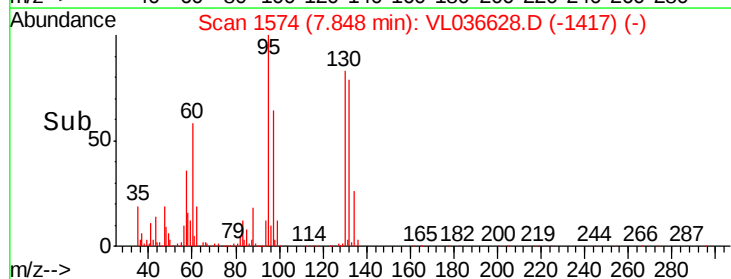
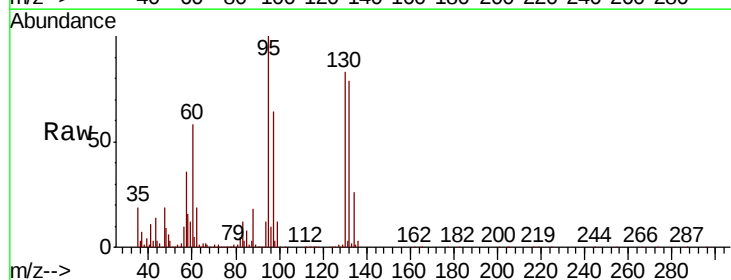
Instrument :
 MSVOA_L
 ClientSampleId :

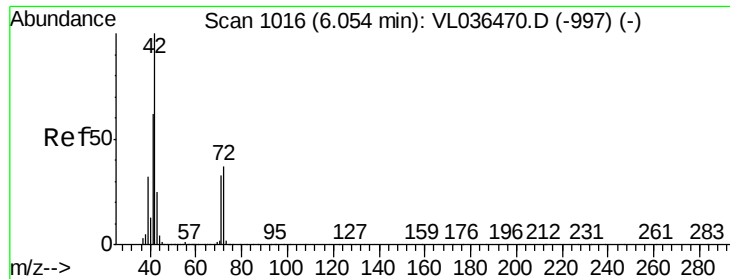
Tot Ion: 63 Resp: 1356285
 Ion Ratio Lower Upper
 63 100
 41 76.5 62.4 93.6
 62 68.9 52.8 79.2



#40
 1,4-Dioxane
 Concen: 8.052 ppbv
 RT: 7.85 min Scan# 1574
 Delta R.T. 0.01 min
 Lab File: VL036628.D
 Acq: 1 Apr 2021 12:03

Tgt Ion: 88 Resp: 265512
 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#

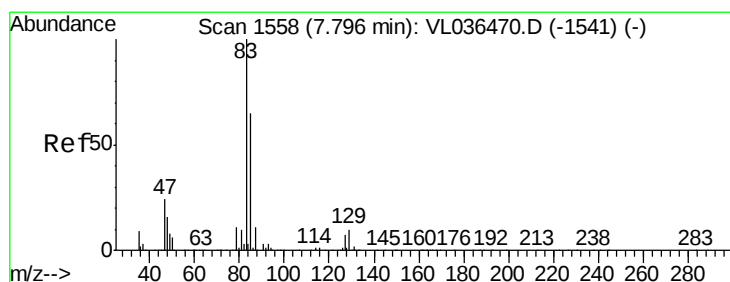
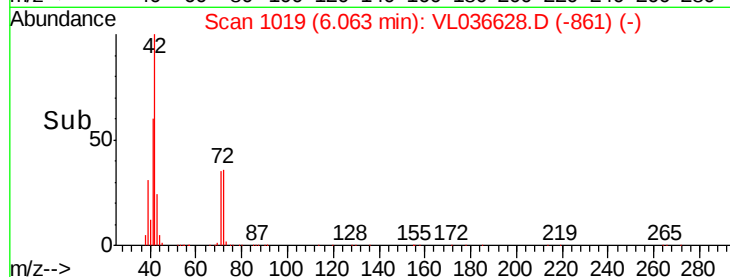
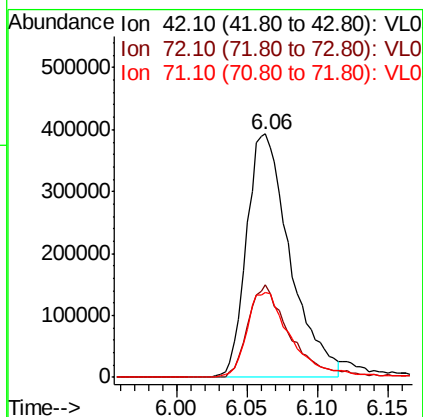
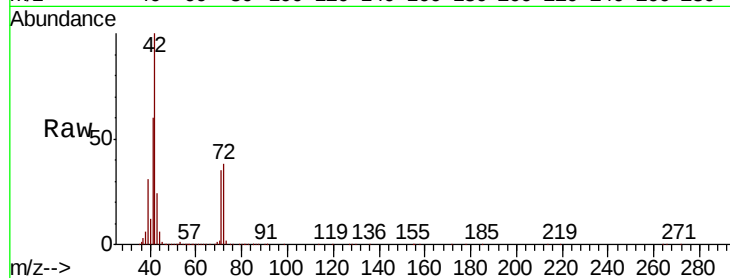




#41
Tetrahydrofuran
Concen: 9.932 ppbv
RT: 6.06 min Scan# 1019
Delta R.T. 0.01 min
Lab File: VL036628.D
Acq: 1 Apr 2021 12:03

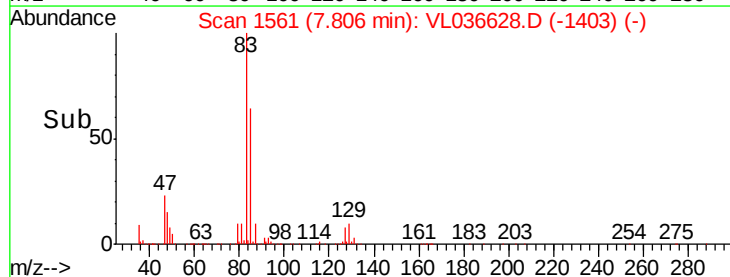
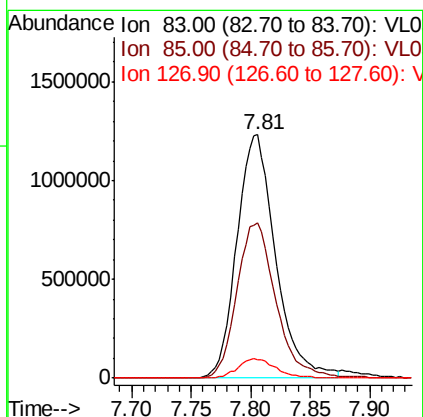
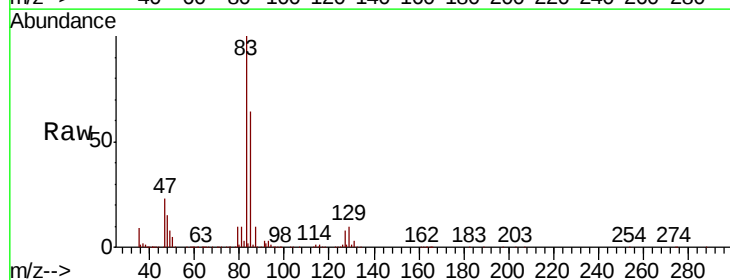
Instrument :
MSVOA_L
ClientSampled :

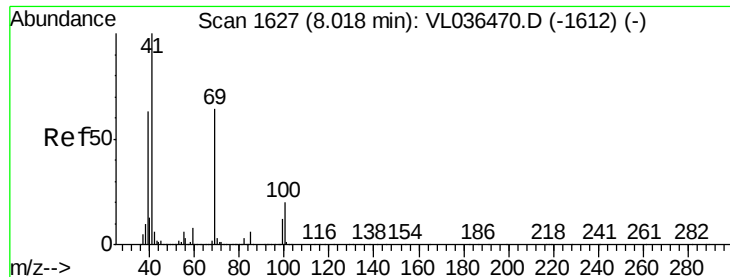
Tot Ion: 42 Resp: 846541
Ion Ratio Lower Upper
42 100
72 37.6 27.6 41.4
71 36.4 27.0 40.4



#42
Bromodichloromethane
Concen: 9.942 ppbv
RT: 7.81 min Scan# 1561
Delta R.T. 0.01 min
Lab File: VL036628.D
Acq: 1 Apr 2021 12:03

Tgt Ion: 83 Resp: 2779886
Ion Ratio Lower Upper
83 100
85 63.6 51.8 77.6
127 7.7 5.8 8.8

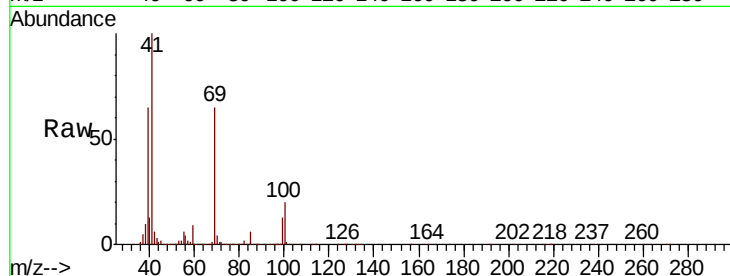




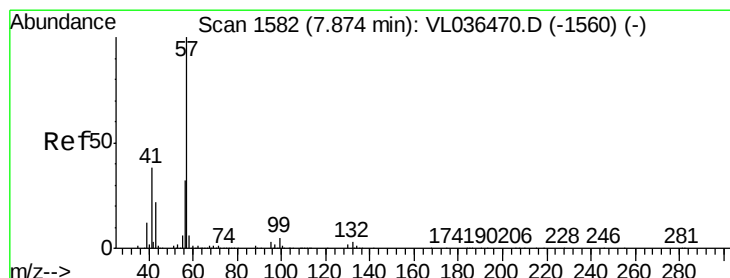
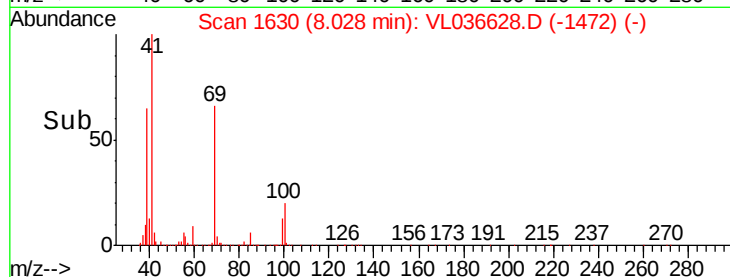
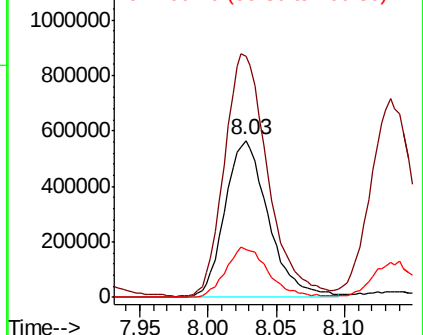
#43
Methvl Methacrilate
Concen: 10.585 ppbv
RT: 8.03 min Scan# 1630
Delta R.T. 0.01 min
Lab File: VL036628.D
Acq: 1 Apr 2021 12:03

Instrument :
MSVOA_L
ClientSampled :

Tot Ion: 69 Resp: 1241484
Ion Ratio Lower Upper
69 100
41 156.6 126.8 190.2
100 31.5 24.9 37.3

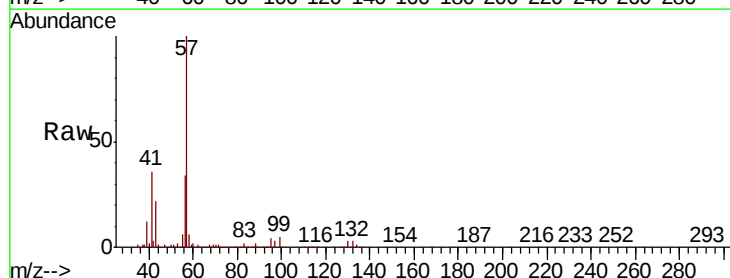


Abundance Ion 69.10 (68.80 to 69.80): VL0
Ion 41.10 (40.80 to 41.80): VL0
Ion 100.10 (99.80 to 100.80): VL0

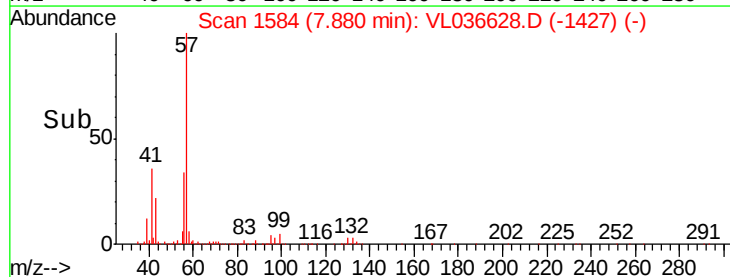
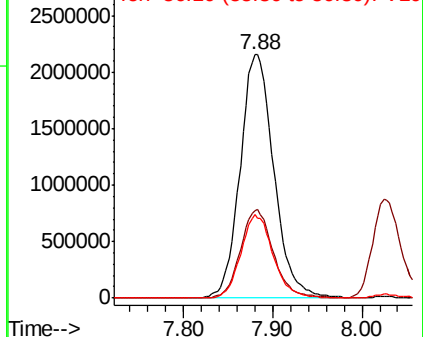


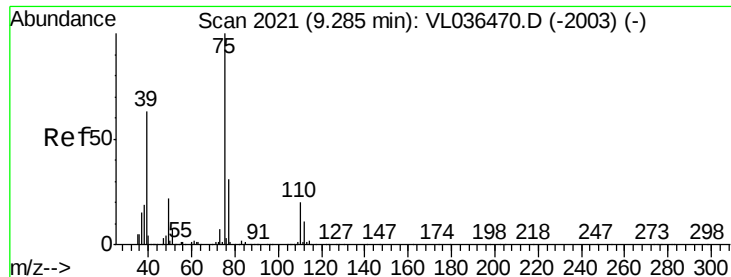
#44
2,2,4-Trimethylpentane
Concen: 9.187 ppbv
RT: 7.88 min Scan# 1584
Delta R.T. 0.01 min
Lab File: VL036628.D
Acq: 1 Apr 2021 12:03

Tgt Ion: 57 Resp: 5647149
Ion Ratio Lower Upper
57 100
41 35.3 28.8 43.2
56 32.8 26.1 39.1



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

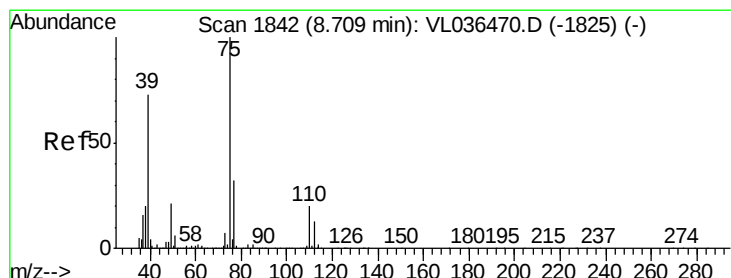
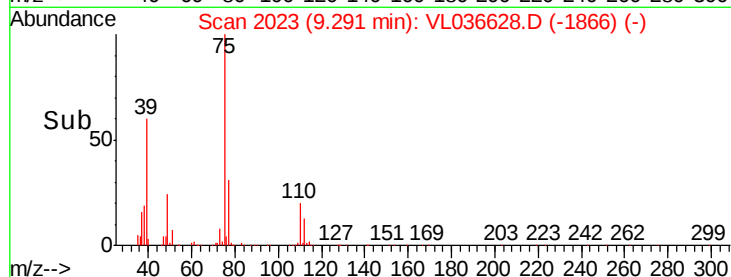
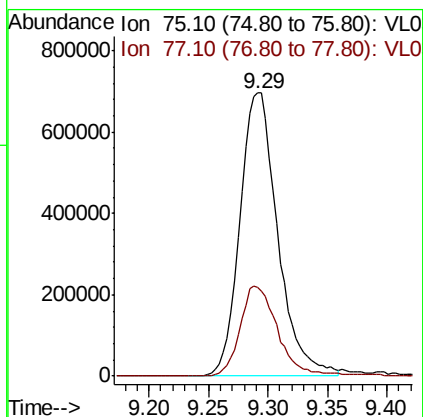
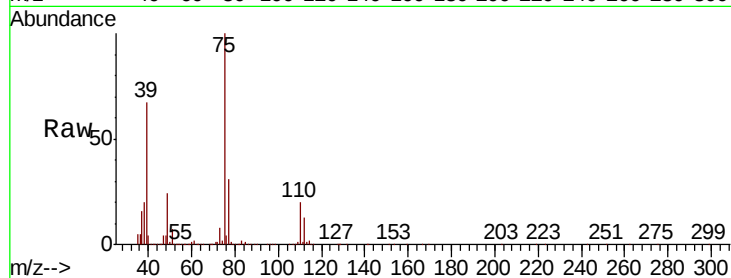




#45
t-1,3-Dichloropropene
Concen: 11.445 ppbv
RT: 9.29 min Scan# 2023
Delta R.T. 0.01 min
Lab File: VL036628.D
Acq: 1 Apr 2021 12:03

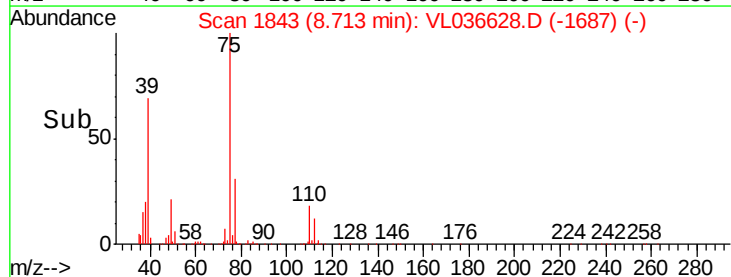
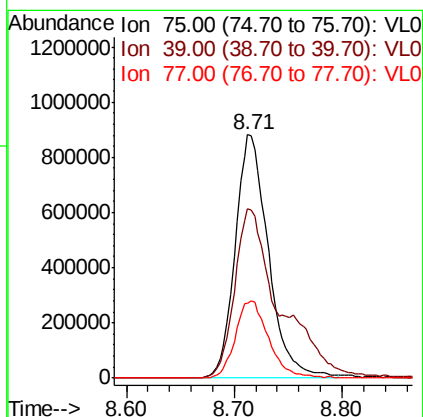
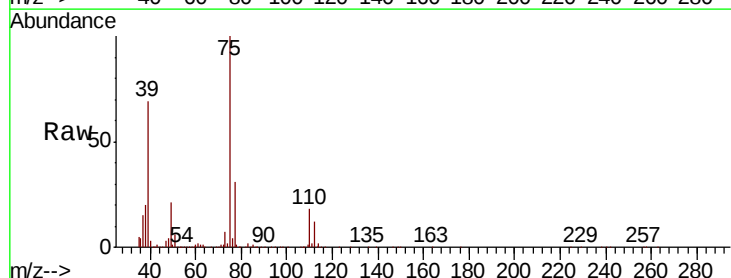
Instrument :
MSVOA_L
ClientSampleId :

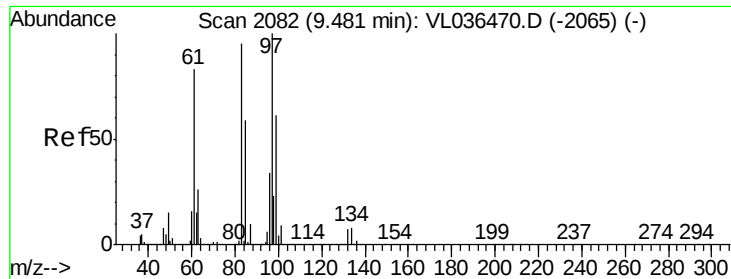
Tot Ion: 75 Resp: 1532698
Ion Ratio Lower Upper
75 100
77 31.3 25.1 37.7



#46
cis-1,3-Dichloropropene
Concen: 11.048 ppbv
RT: 8.71 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VL036628.D
Acq: 1 Apr 2021 12:03

Tgt Ion: 75 Resp: 1891234
Ion Ratio Lower Upper
75 100
39 69.2 58.2 87.2
77 30.9 25.2 37.8

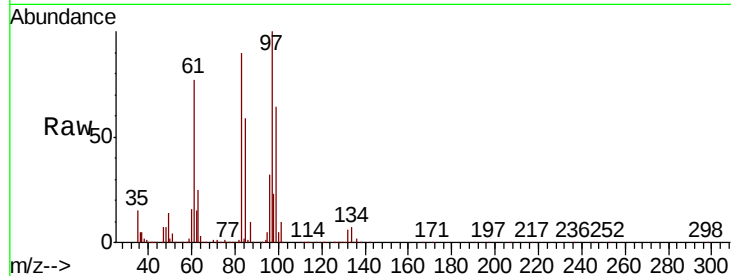




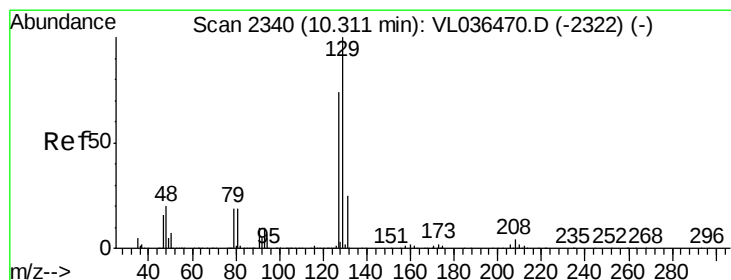
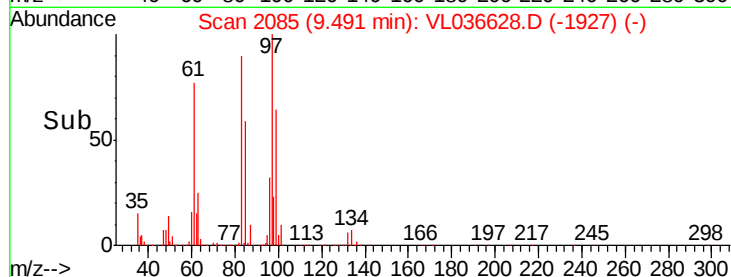
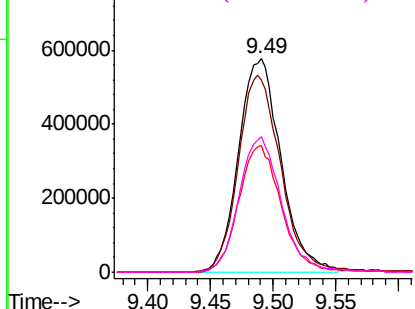
#47
 1,1,2-Trichloroethane
 Concen: 9.454 ppbv
 RT: 9.49 min Scan# 2085
 Delta R.T. 0.01 min
 Lab File: VL036628.D
 Acq: 1 Apr 2021 12:03

Instrument :
 MSVOA_L
 ClientSampleID :

Tot Ion: 97 Resp: 1356648
 Ion Ratio Lower Upper
 97 100
 83 90.1 75.8 113.8
 85 59.0 47.1 70.7
 99 63.5 49.2 73.8

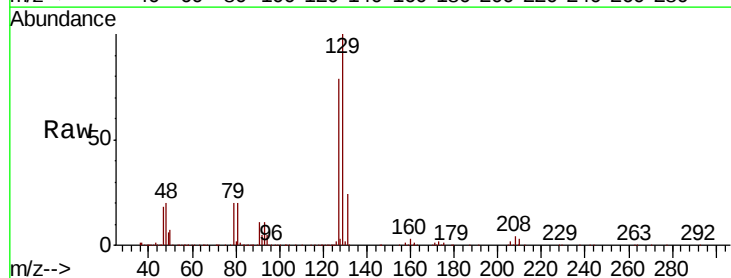


Abundance Ion 97.00 (96.70 to 97.70): VL0
 Ion 83.00 (82.70 to 83.70): VL0
 Ion 85.00 (84.70 to 85.70): VL0
 Ion 99.00 (98.70 to 99.70): VL0

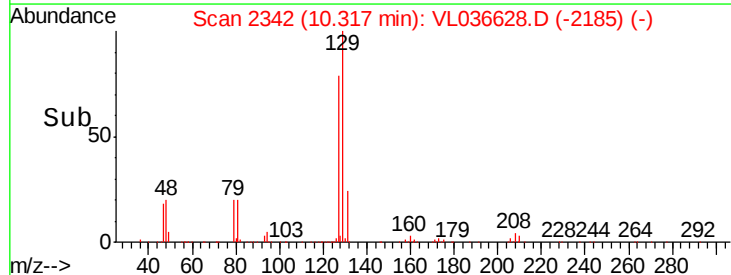
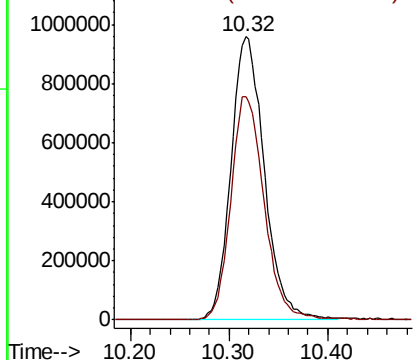


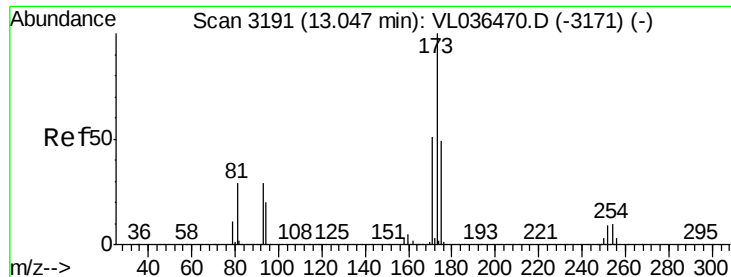
#48
 Dibromochloromethane
 Concen: 10.318 ppbv
 RT: 10.32 min Scan# 2342
 Delta R.T. 0.01 min
 Lab File: VL036628.D
 Acq: 1 Apr 2021 12:03

Tgt Ion: 129 Resp: 2257227
 Ion Ratio Lower Upper
 129 100
 127 79.5 39.6 118.8



Abundance Ion 129.00 (128.70 to 129.70): V
 Ion 127.00 (126.70 to 127.70): V





#49

Bromoform

Concen: 10.155 ppbv

RT: 13.05 min Scan# 3193

Delta R.T. 0.01 min

Lab File: VL036628.D

Acq: 1 Apr 2021 12:03

Instrument :

MSVOA_L

ClientSampleId :

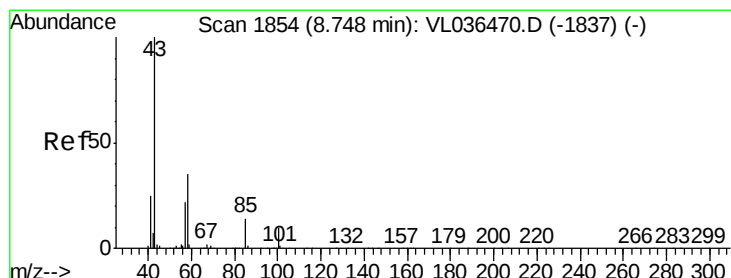
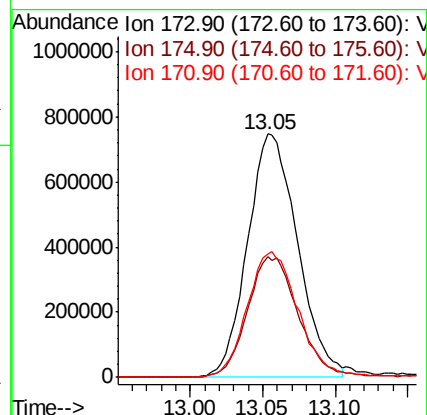
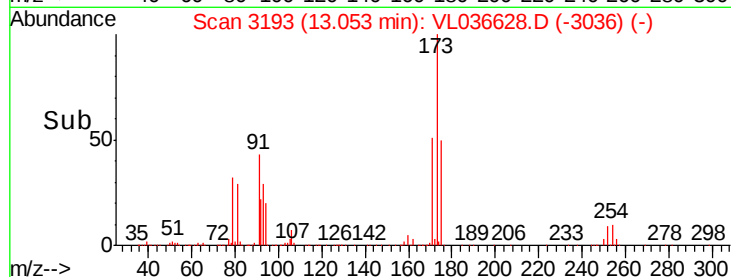
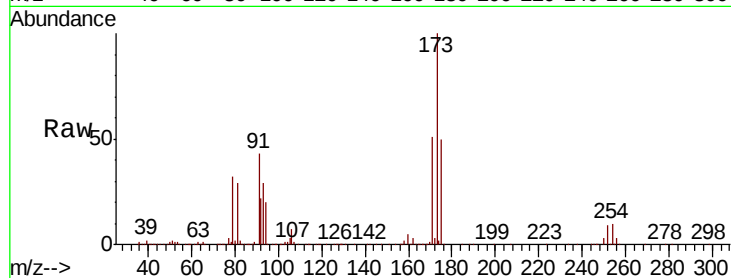
Tot Ion:173 Resp: 1789999

Ion Ratio Lower Upper

173 100

175 51.4 39.6 59.4

171 53.1 41.4 62.0



#50

4-Methyl-2-Pentanone

Concen: 10.243 ppbv

RT: 8.76 min Scan# 1857

Delta R.T. 0.01 min

Lab File: VL036628.D

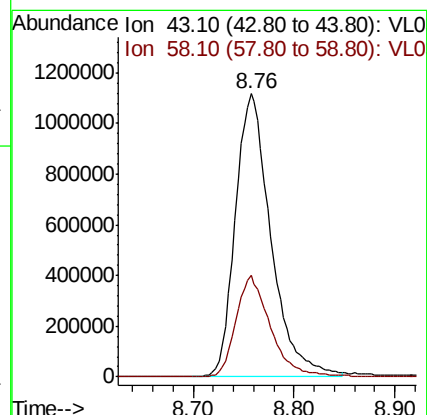
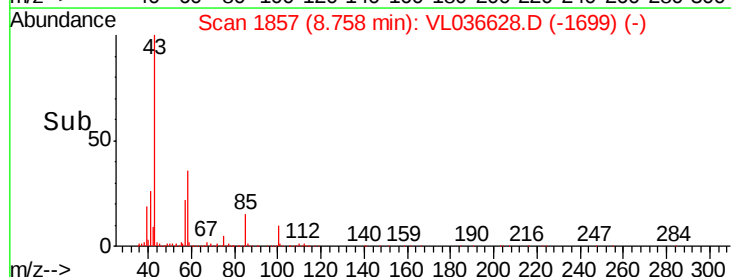
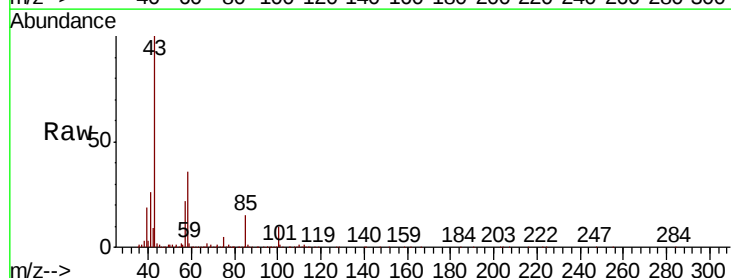
Acq: 1 Apr 2021 12:03

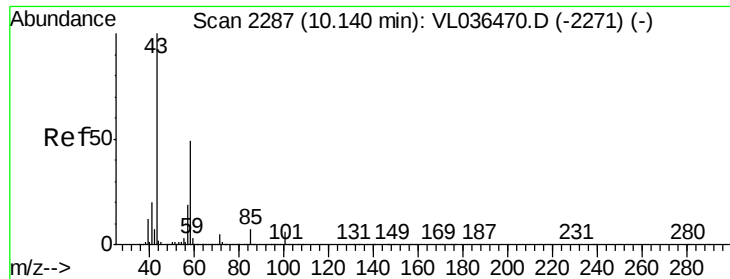
Tgt Ion: 43 Resp: 2739940

Ion Ratio Lower Upper

43 100

58 35.2 28.2 42.2

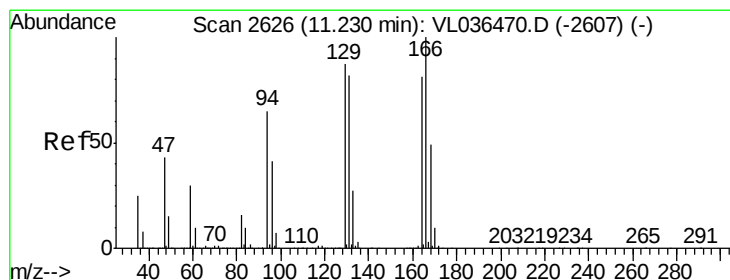
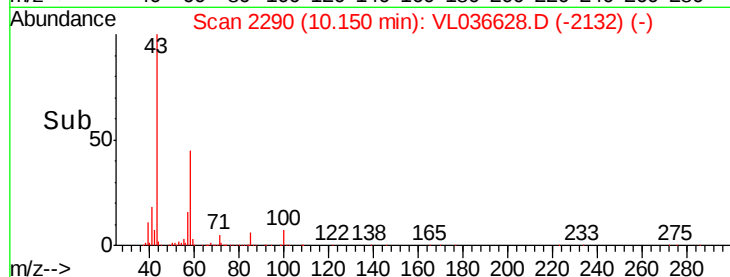
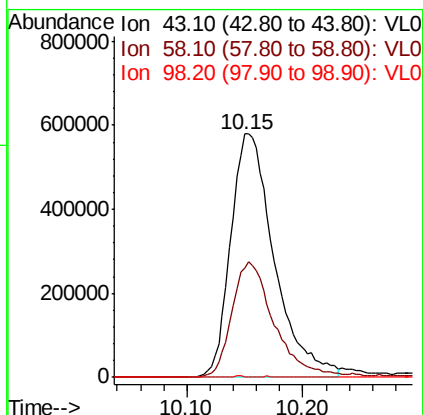
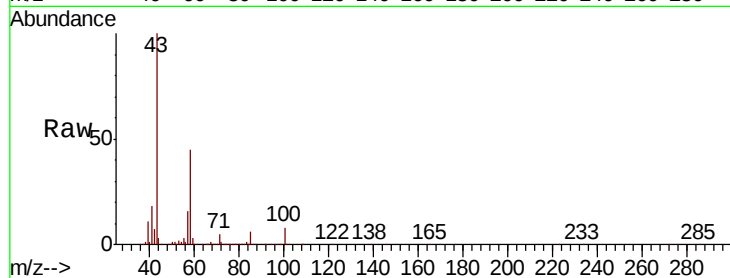




#51
2-Hexanone
Concen: 11.160 ppbv
RT: 10.15 min Scan# 2290
Delta R.T. 0.01 min
Lab File: VL036628.D
Acq: 1 Apr 2021 12:03

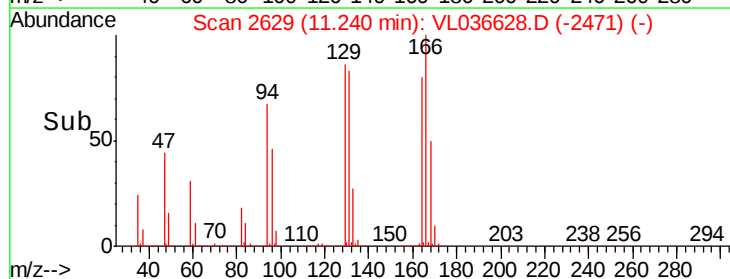
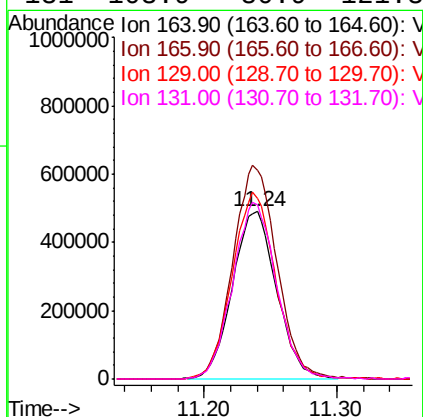
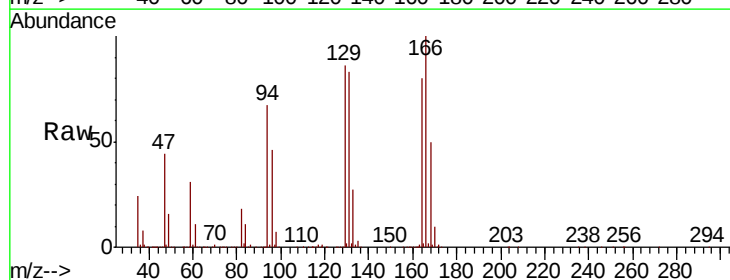
Instrument :
MSVOA_L
ClientSampleId :

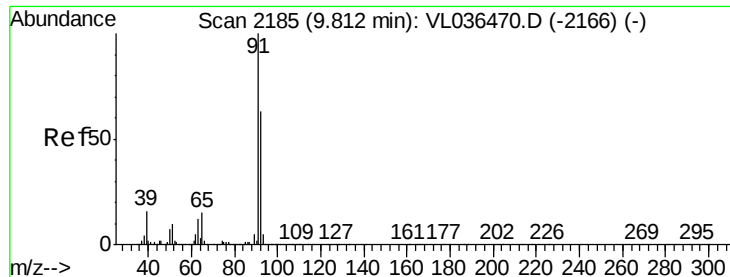
Tot Ion: 43 Resp: 1506366
Ion Ratio Lower Upper
43 100
58 47.5 37.7 56.5
98 0.3 0.2 0.2#



#52
Tetrachloroethene
Concen: 8.715 ppbv
RT: 11.24 min Scan# 2629
Delta R.T. 0.01 min
Lab File: VL036628.D
Acq: 1 Apr 2021 12:03

Tgt Ion: 164 Resp: 1120866
Ion Ratio Lower Upper
164 100
166 124.8 98.3 147.5
129 107.5 85.8 128.8
131 103.9 80.9 121.3





#53

Toluene

Concen: 10.170 ppbv

RT: 9.82 min Scan# 2187

Delta R.T. 0.01 min

Lab File: VL036628.D

Acq: 1 Apr 2021 12:03

Instrument :

MSVOA_L

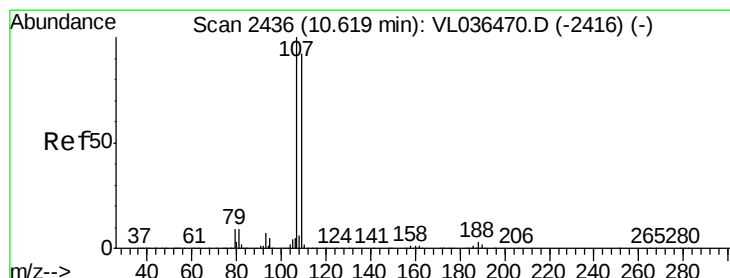
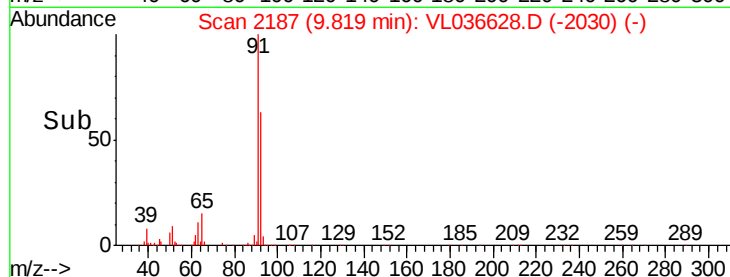
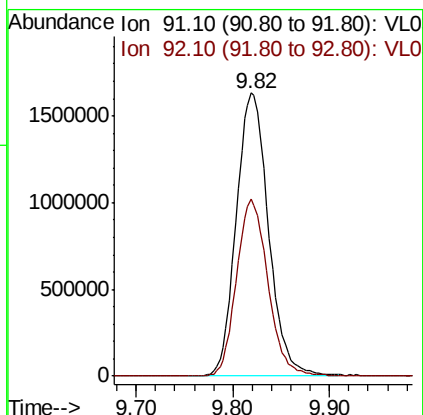
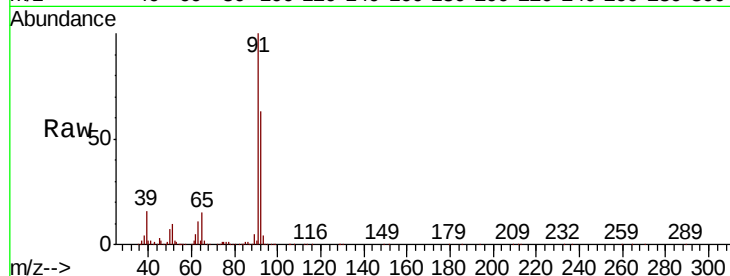
ClientSampleId :

Tot Ion: 91 Resp: 3782809

Ion Ratio Lower Upper

91 100

92 61.1 48.8 73.2



#54

1,2-Dibromoethane

Concen: 9.725 ppbv

RT: 10.63 min Scan# 2438

Delta R.T. 0.01 min

Lab File: VL036628.D

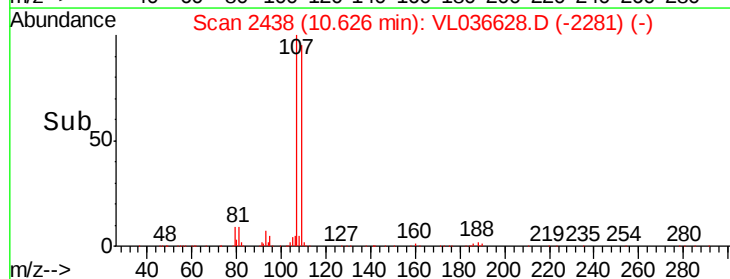
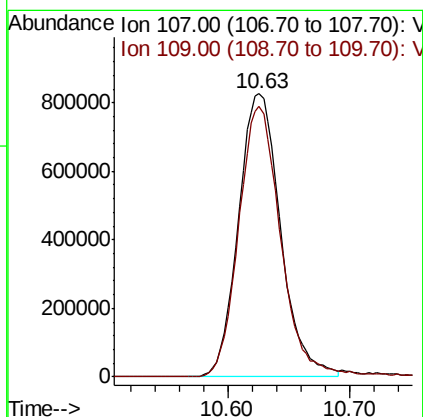
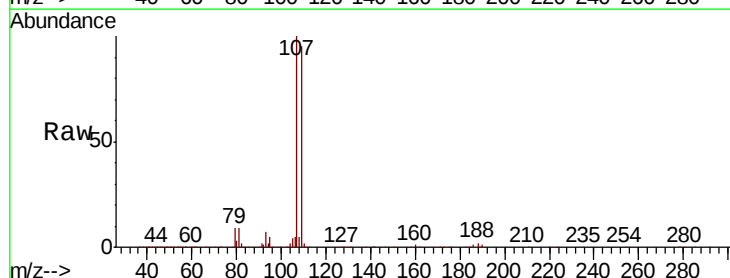
Acq: 1 Apr 2021 12:03

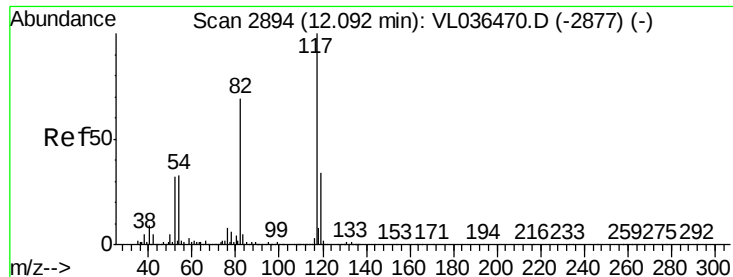
Tgt Ion: 107 Resp: 1970787

Ion Ratio Lower Upper

107 100

109 95.3 73.9 110.9

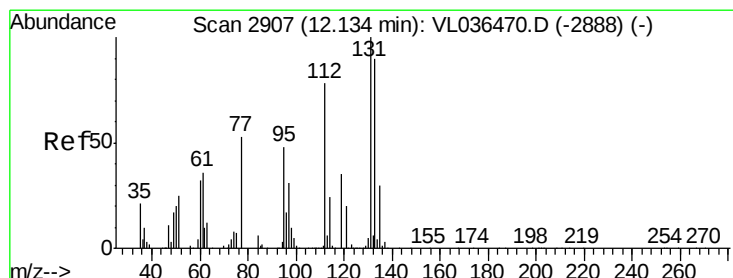
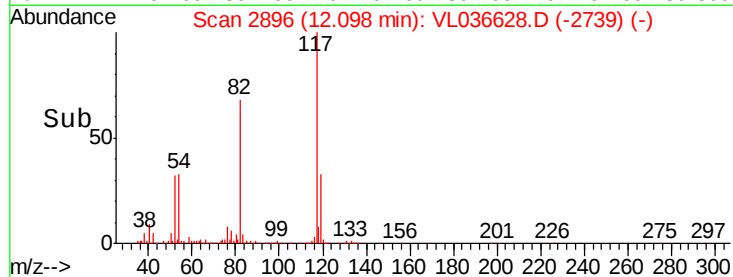
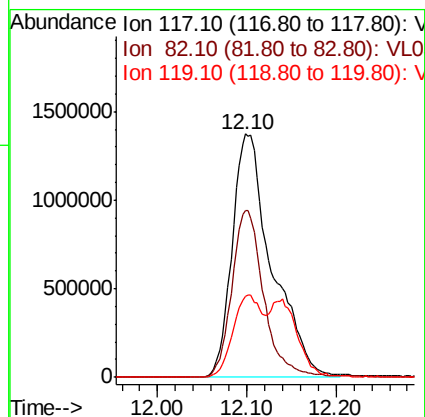
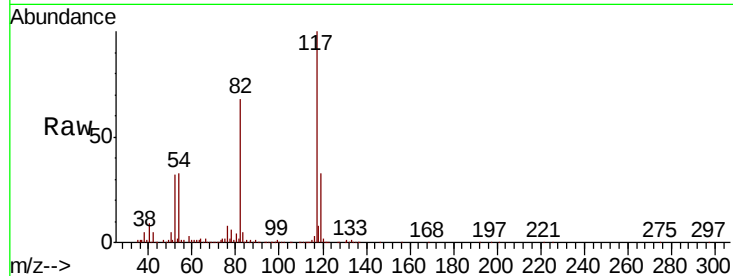




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.10 min Scan# 2896
Delta R.T. 0.01 min
Lab File: VL036628.D
Acq: 1 Apr 2021 12:03

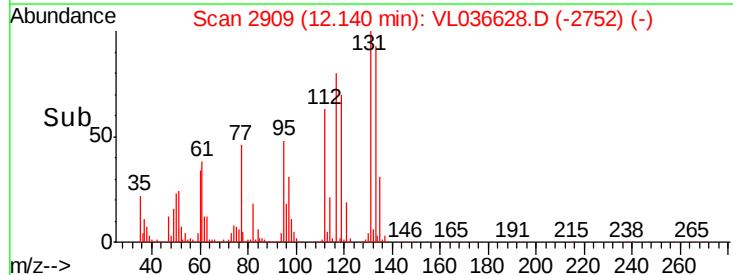
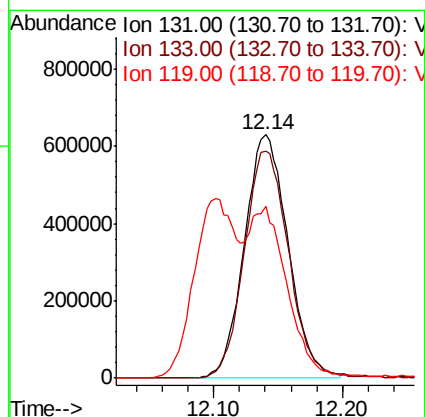
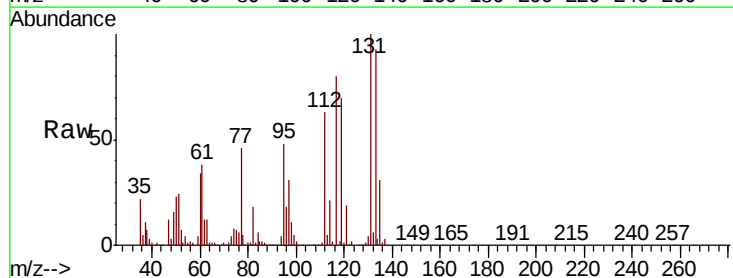
Instrument :
MSVOA_L
ClientSampleId :

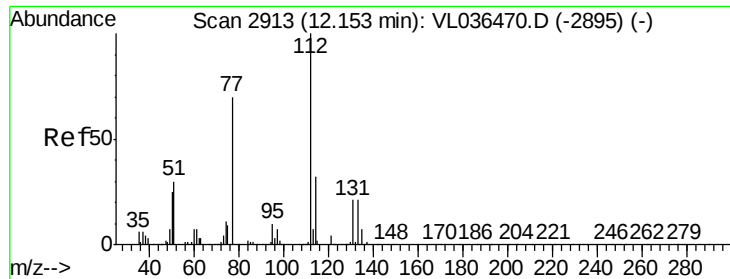
Tot Ion:117 Resp: 4239076
Ion Ratio Lower Upper
117 100
82 55.3 57.4 86.0#
119 26.4 47.4 71.0#



#56
1,1,1,2-Tetrachloroethane
Concen: 7.754 ppbv
RT: 12.14 min Scan# 2909
Delta R.T. 0.01 min
Lab File: VL036628.D
Acq: 1 Apr 2021 12:03

Tgt Ion:131 Resp: 1486653
Ion Ratio Lower Upper
131 100
133 95.3 75.8 113.6
119 65.2 48.7 73.1

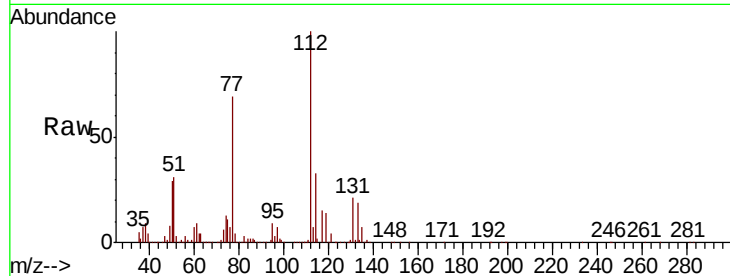




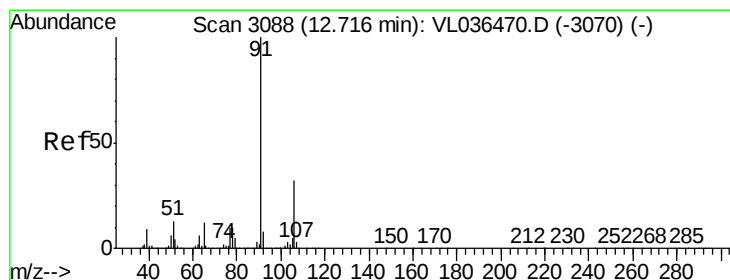
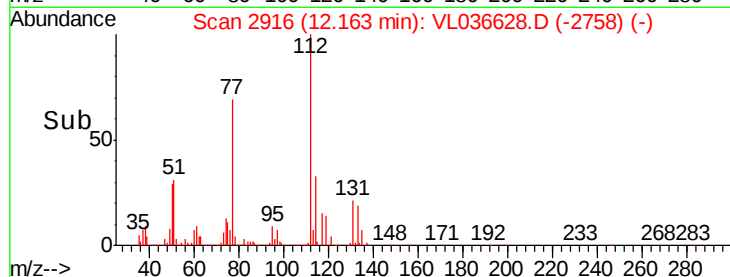
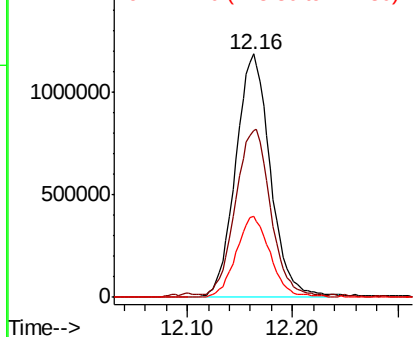
#57
Chlorobenzene
Concen: 7.519 ppbv
RT: 12.16 min Scan# 2916
Delta R.T. 0.01 min
Lab File: VL036628.D
Acq: 1 Apr 2021 12:03

Instrument :
MSVOA_L
ClientSampleId :

Tot Ion:112 Resp: 2712100
Ion Ratio Lower Upper
112 100
77 67.8 56.0 84.0
114 33.5 29.0 35.4

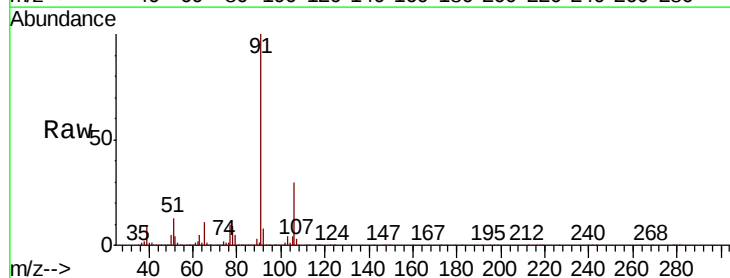


Abundance Ion 112.10 (111.80 to 112.80): V
Ion 77.10 (76.80 to 77.80): VL0
Ion 114.10 (113.80 to 114.80): V

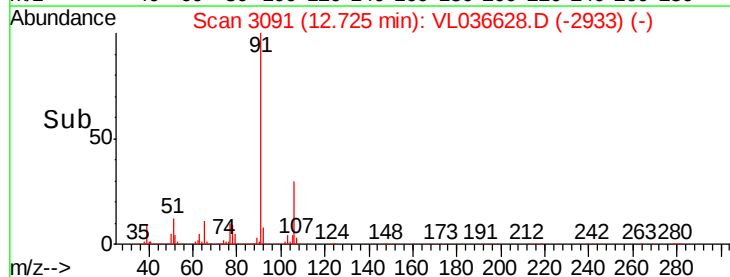
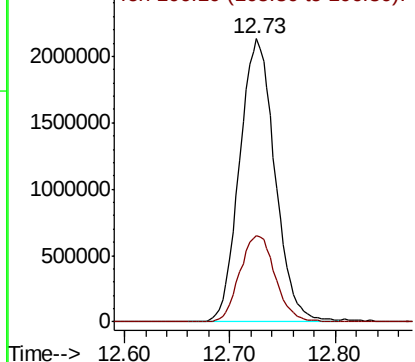


#58
Ethyl Benzene
Concen: 8.079 ppbv
RT: 12.73 min Scan# 3091
Delta R.T. 0.01 min
Lab File: VL036628.D
Acq: 1 Apr 2021 12:03

Tgt Ion: 91 Resp: 4982230
Ion Ratio Lower Upper
91 100
106 30.4 25.3 37.9



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

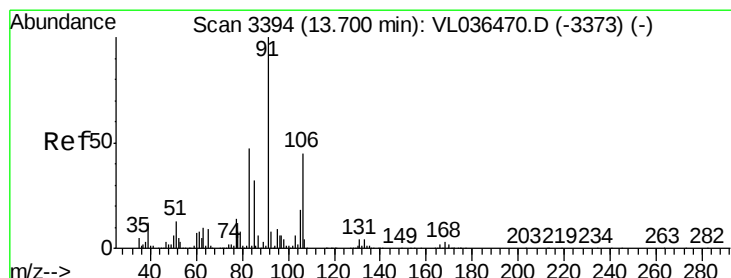
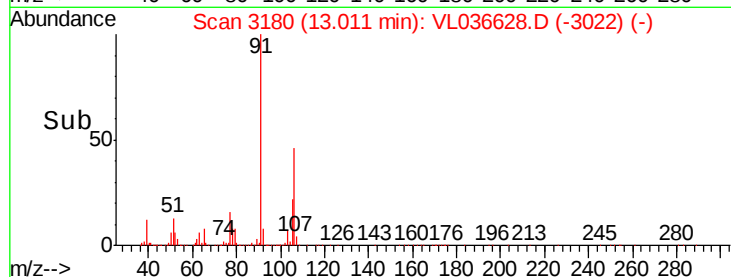
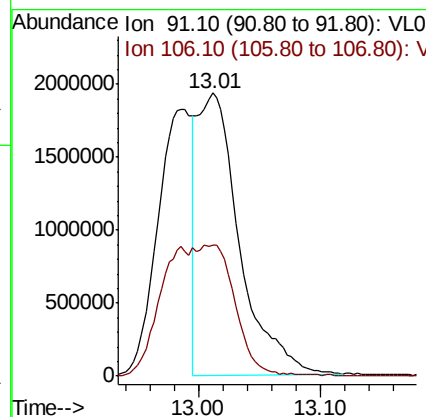
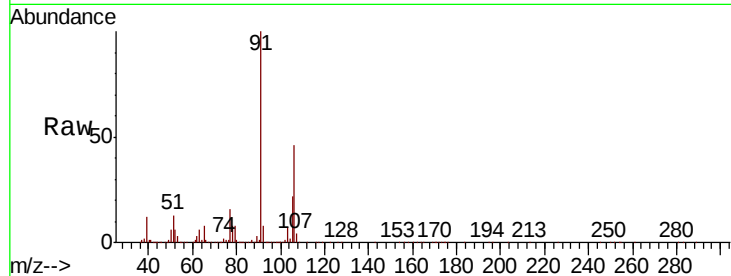




#59
m/p-Xylene
Concen: 8.550 ppbv
RT: 13.01 min Scan# 3180
Delta R.T. 0.01 min
Lab File: VL036628.D
Acq: 1 Apr 2021 12:03

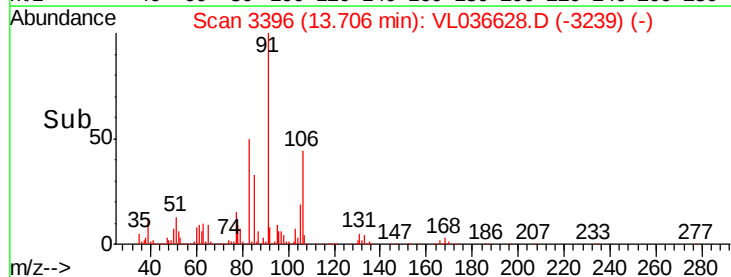
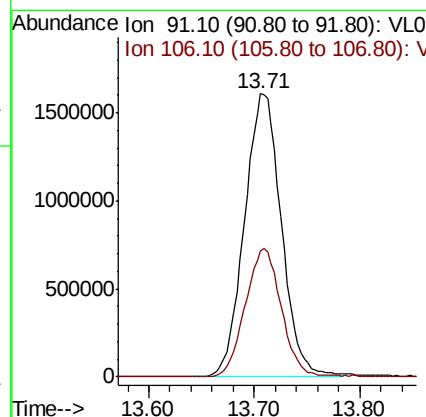
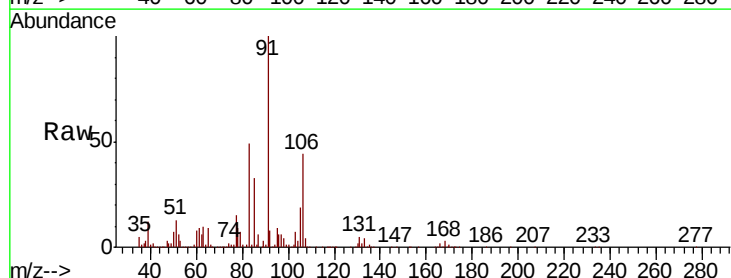
Instrument :
MSVOA_L
ClientSampled :

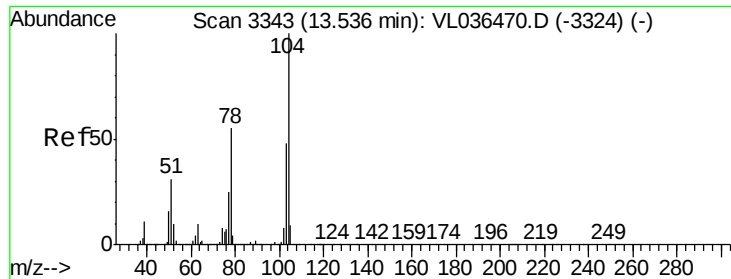
Tot Ion: 91 Resp: 4599453
Ion Ratio Lower Upper
91 100
106 80.5 35.3 52.9#



#60
o-Xylene
Concen: 7.505 ppbv
RT: 13.71 min Scan# 3396
Delta R.T. 0.01 min
Lab File: VL036628.D
Acq: 1 Apr 2021 12:03

Tgt Ion: 91 Resp: 3903267
Ion Ratio Lower Upper
91 100
106 44.9 22.3 66.9

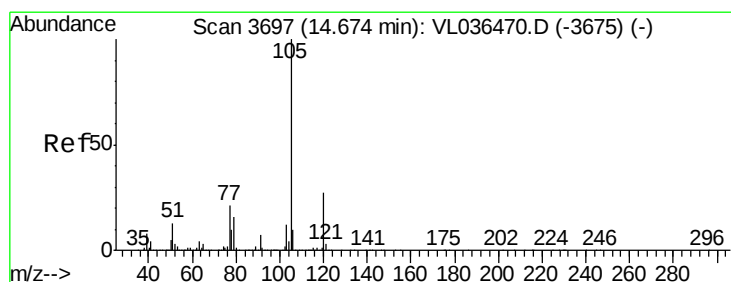
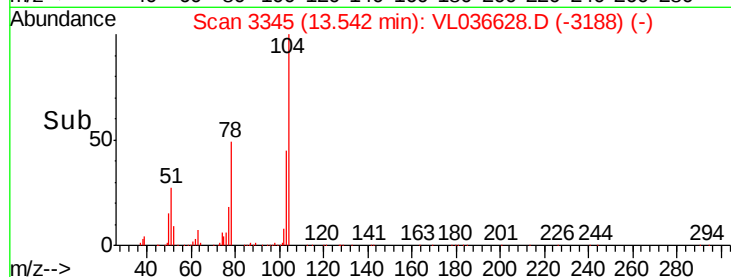
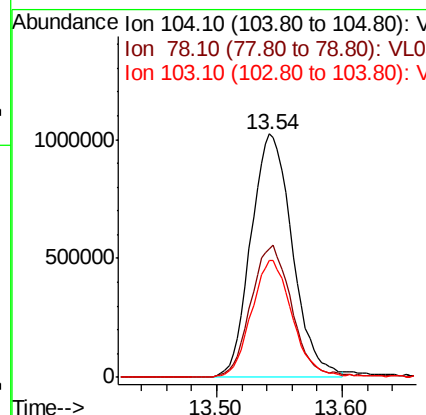
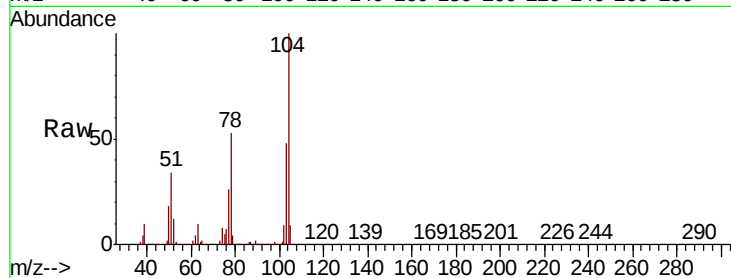




#61
Stvrene
Concen: 8.984 ppbv
RT: 13.54 min Scan# 3345
Delta R.T. 0.01 min
Lab File: VL036628.D
Acq: 1 Apr 2021 12:03

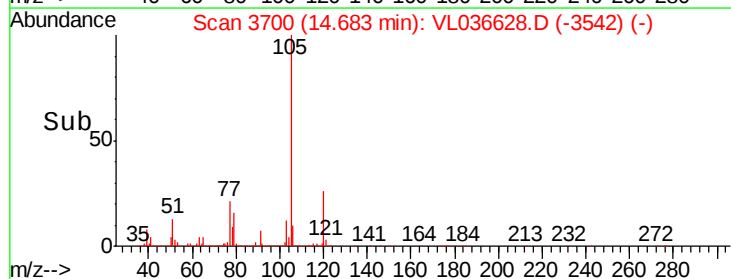
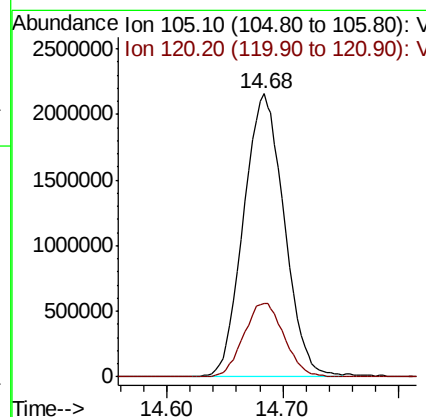
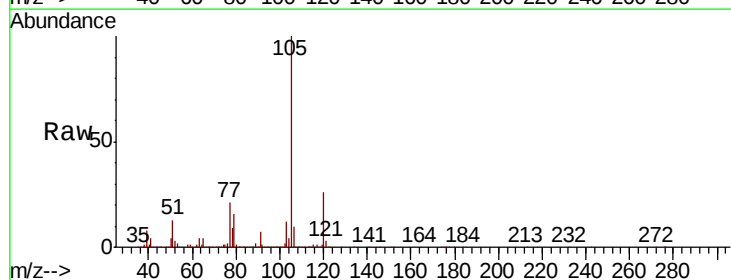
Instrument :
MSVOA_L
ClientSampled :

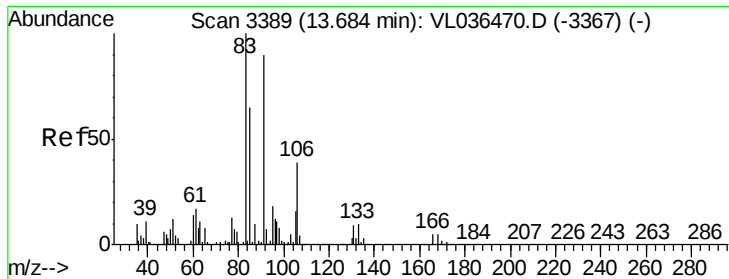
Tot Ion:104 Resp: 2350828
Ion Ratio Lower Upper
104 100
78 54.3 43.8 65.8
103 47.9 38.3 57.5



#62
Isopropylbenzene
Concen: 7.505 ppbv
RT: 14.68 min Scan# 3700
Delta R.T. 0.01 min
Lab File: VL036628.D
Acq: 1 Apr 2021 12:03

Tgt Ion:105 Resp: 5256591
Ion Ratio Lower Upper
105 100
120 26.1 20.6 31.0





#63

1,1,2,2-Tetrachloroethane

Concen: 7.086 ppbv

RT: 13.69 min Scan# 3392

Delta R.T. 0.01 min

Lab File: VL036628.D

Acq: 1 Apr 2021 12:03

Instrument :

MSVOA_L

ClientSampled :

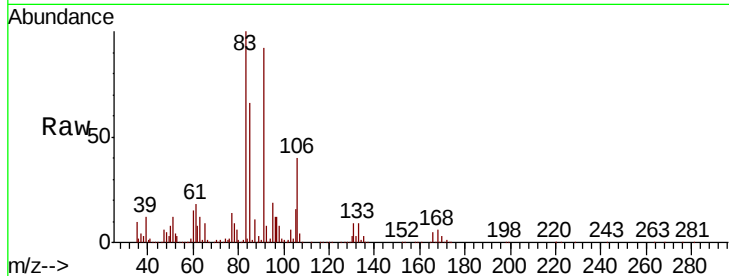
Tot Ion: 83 Resp: 2811421

Ion	Ratio	Lower	Upper
83	100		
131	9.2	4.7	14.0
85	65.4	33.1	99.3

83 100

131 9.2 4.7 14.0

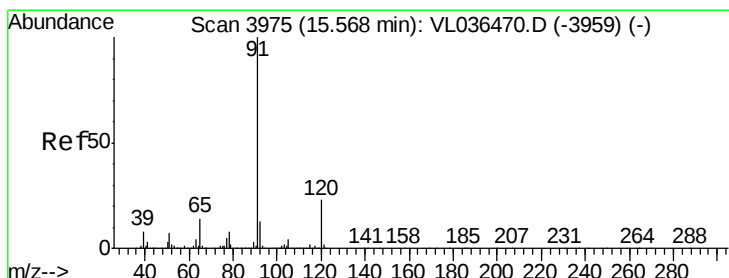
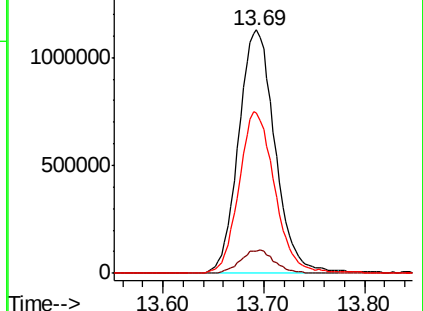
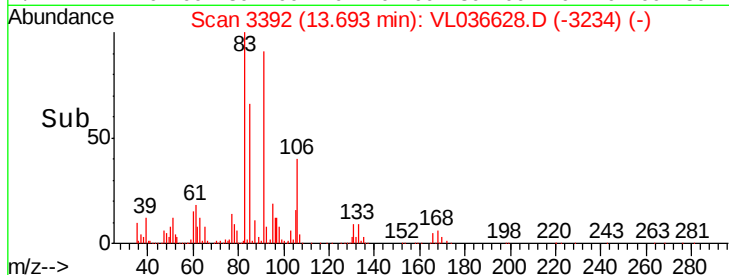
85 65.4 33.1 99.3



Abundance Ion 83.00 (82.70 to 83.70): VL0

Ion 131.00 (130.70 to 131.70): V

Ion 85.00 (84.70 to 85.70): VL0



#64

n-propylbenzene

Concen: 8.049 ppbv

RT: 15.58 min Scan# 3979

Delta R.T. 0.01 min

Lab File: VL036628.D

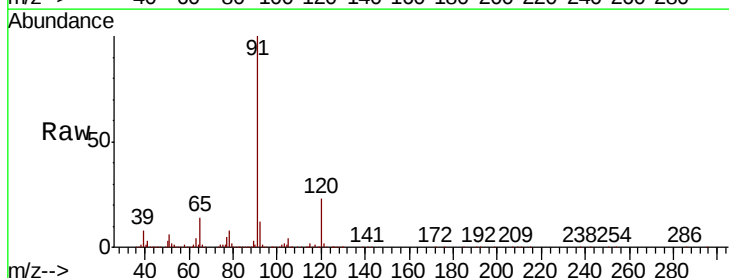
Acq: 1 Apr 2021 12:03

Tgt Ion:120 Resp: 1378423

Ion	Ratio	Lower	Upper
120	100		
91	473.3	377.4	566.2

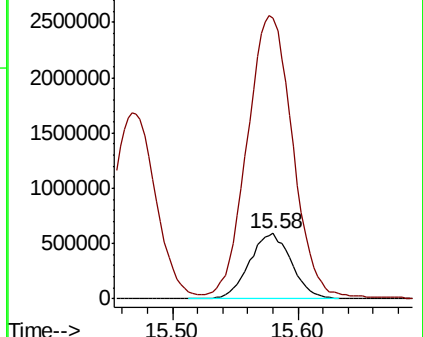
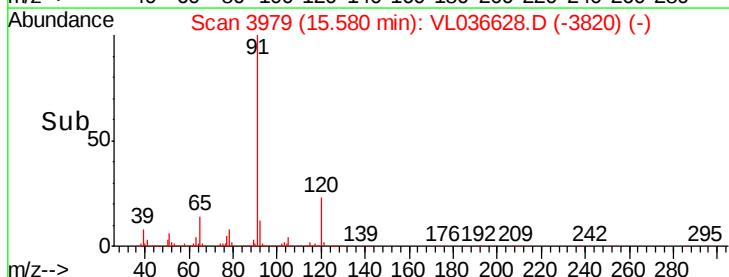
120 100

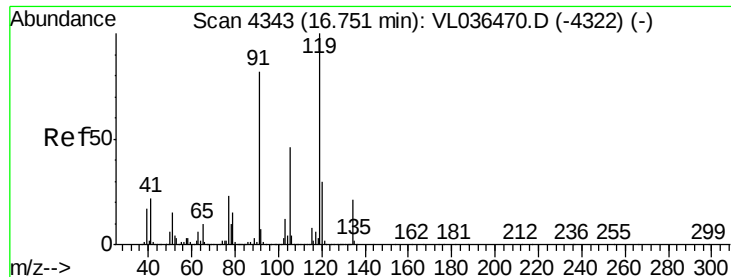
91 473.3 377.4 566.2



Abundance Ion 120.20 (119.90 to 120.90): V

Ion 91.10 (90.80 to 91.80): VL0





#65

tert-Butylbenzene

Concen: 7.447 ppbv

RT: 16.76 min Scan# 4347

Delta R.T. 0.01 min

Lab File: VL036628.D

Acq: 1 Apr 2021 12:03

Instrument :

MSVOA_L

ClientSampleId :

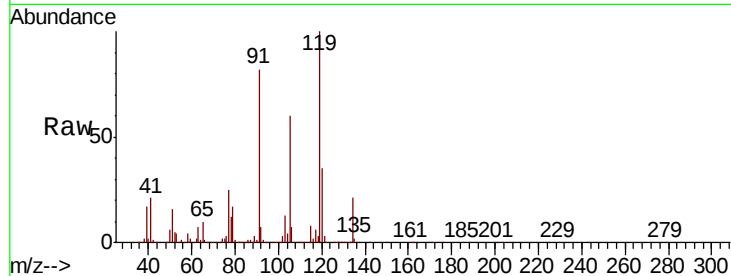
Tot Ion:119 Resp: 4523081

Ion Ratio Lower Upper

119 100

91 85.1 67.5 101.3

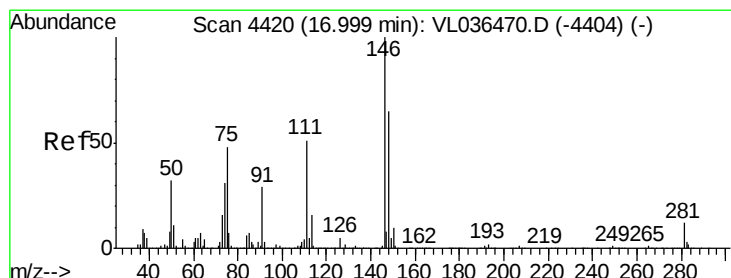
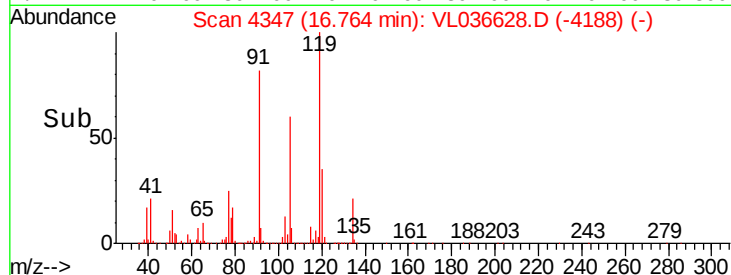
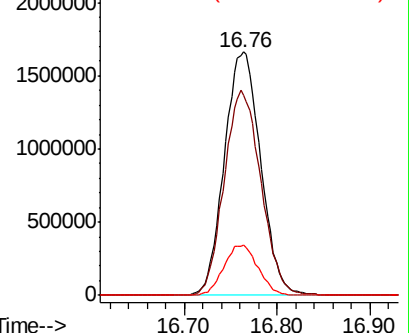
134 19.5 15.8 23.8



Abundance Ion 119.20 (118.90 to 119.90): V

Ion 91.10 (90.80 to 91.80): VL0

Ion 134.20 (133.90 to 134.90): V



#66

Benzyl Chloride

Concen: 10.510 ppbv

RT: 17.00 min Scan# 4422

Delta R.T. 0.01 min

Lab File: VL036628.D

Acq: 1 Apr 2021 12:03

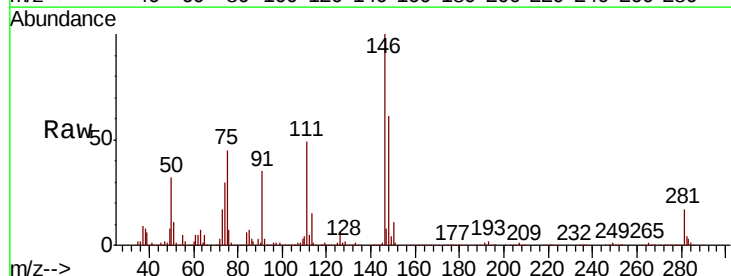
Tgt Ion: 91 Resp: 705535

Ion Ratio Lower Upper

91 100

126 17.3 13.5 20.3

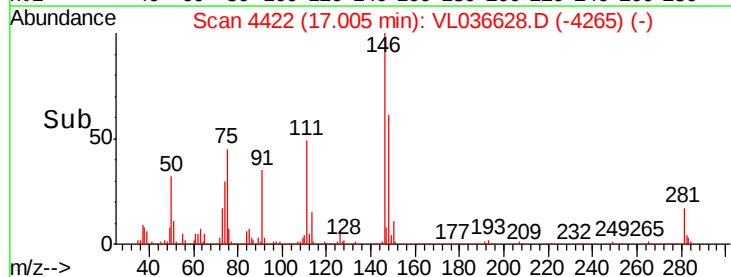
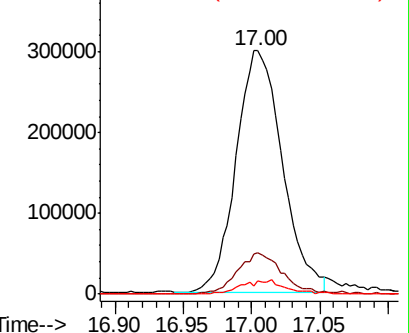
128 5.8 4.2 6.4

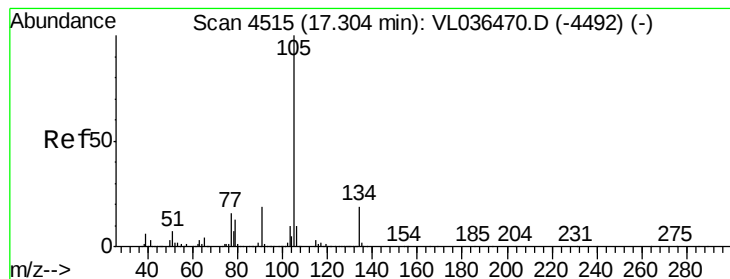


Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 126.10 (125.80 to 126.80): V

Ion 128.10 (127.80 to 128.80): V





#67

sec-Butylbenzene

Concen: 7.404 ppbv

RT: 17.31 min Scan# 4518

Delta R.T. 0.01 min

Lab File: VL036628.D

Acq: 1 Apr 2021 12:03

Instrument :

MSVOA_L

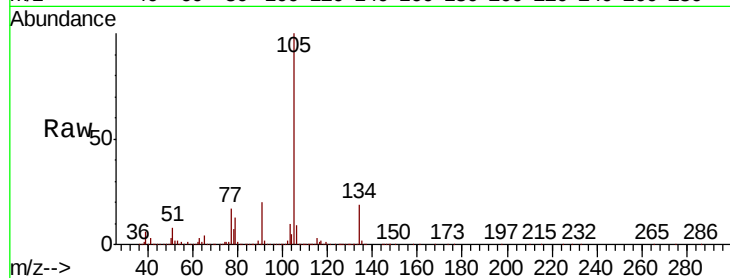
ClientSampled :

Tot Ion:105 Resp: 6347672

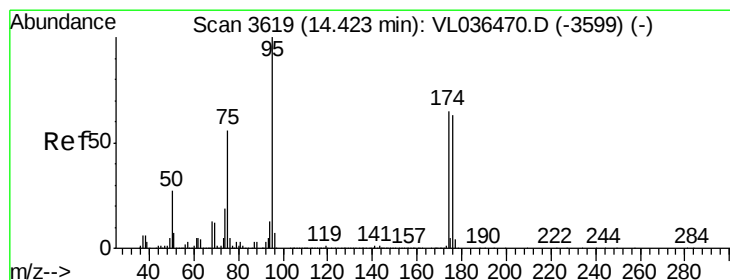
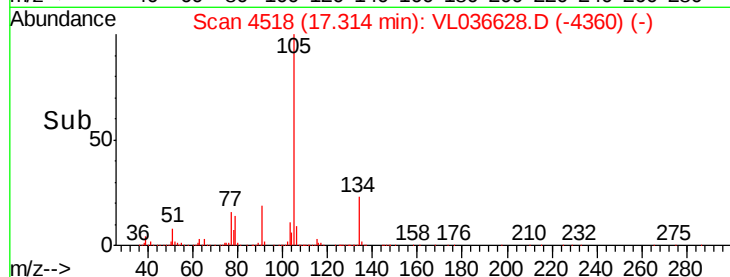
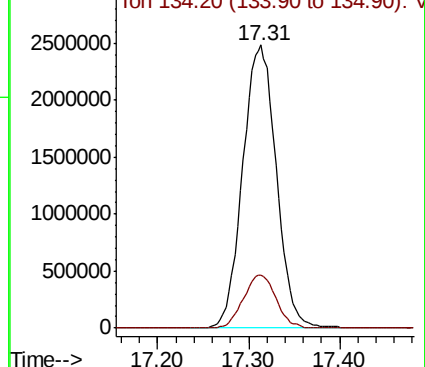
Ion Ratio Lower Upper

105 100

134 18.4 14.7 22.1



Abundance Ion 105.10 (104.80 to 105.80): V



#68

1-Bromo-4-Fluorobenzene

Concen: 8.120 ppbv

RT: 14.43 min Scan# 3621

Delta R.T. 0.01 min

Lab File: VL036628.D

Acq: 1 Apr 2021 12:03

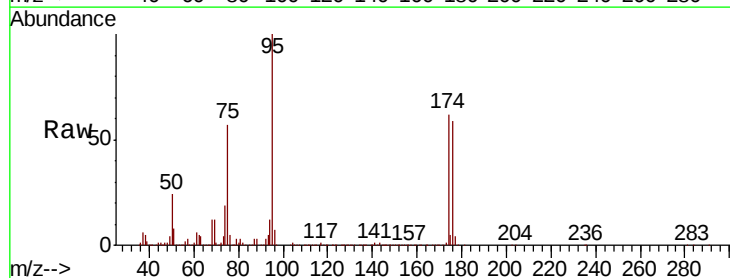
Tgt Ion: 95 Resp: 2743445

Ion Ratio Lower Upper

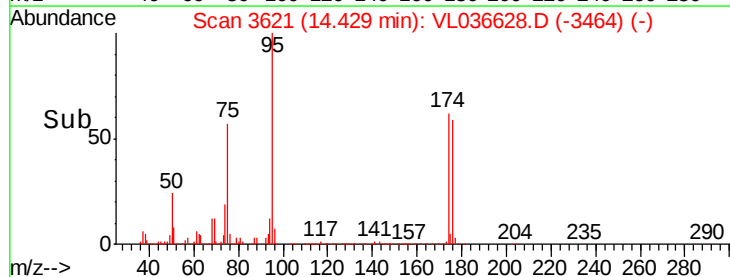
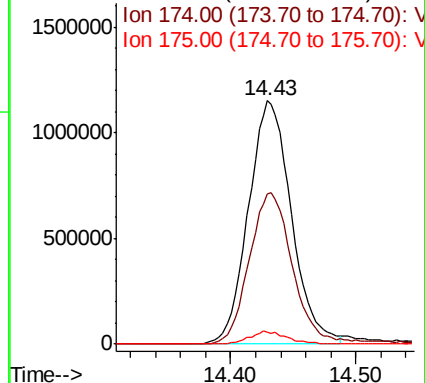
95 100

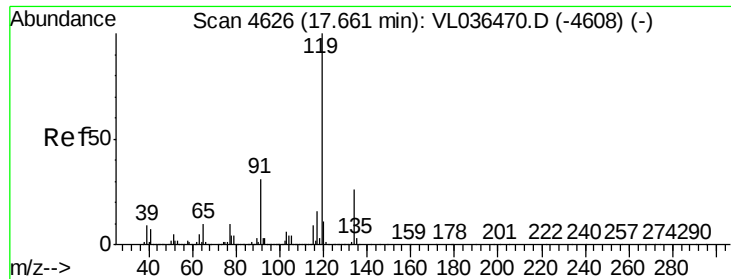
174 64.6 51.0 76.6

175 4.6 3.9 5.9



Abundance Ion 95.10 (94.80 to 95.80): VL0

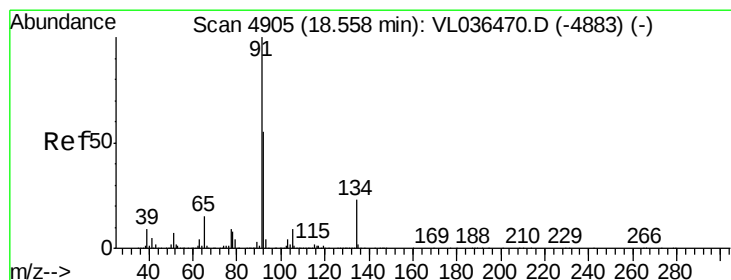
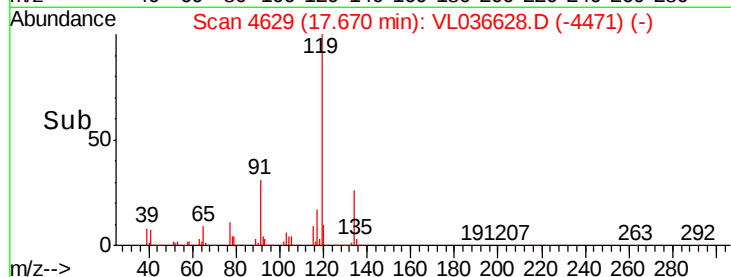
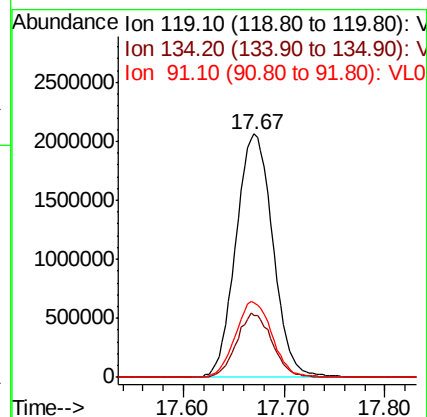
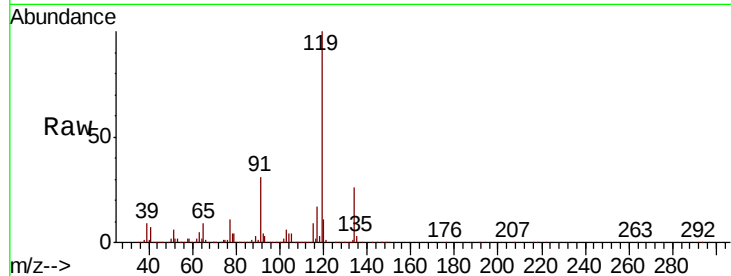




#69
 p-Isopropyltoluene
 Concen: 7.816 ppbv
 RT: 17.67 min Scan# 4629
 Delta R.T. 0.01 min
 Lab File: VL036628.D
 Acq: 1 Apr 2021 12:03

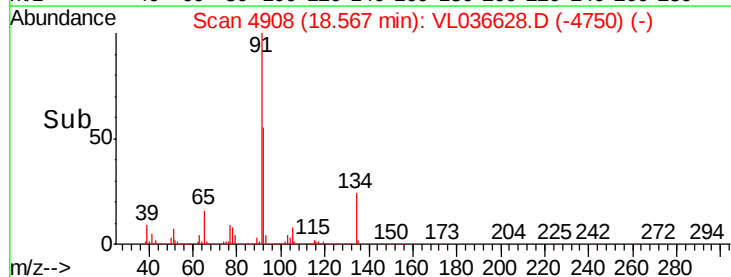
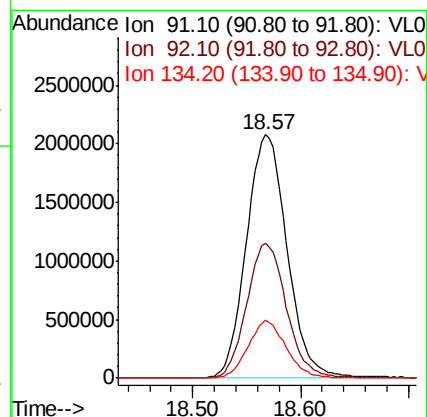
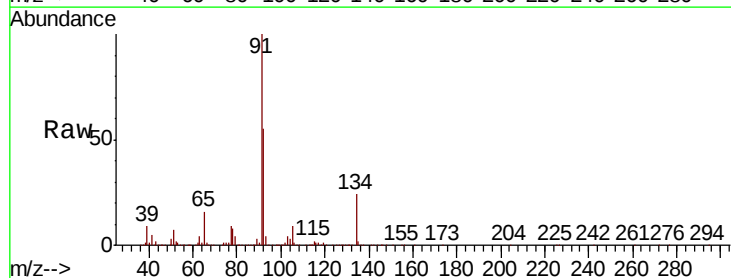
Instrument :
 MSVOA_L
 ClientSampled :

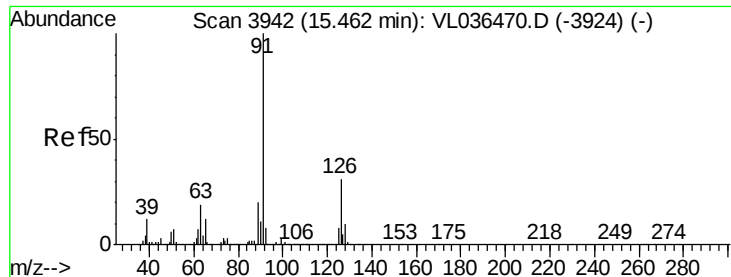
Tot Ion: 119 Resp: 5232615
 Ion Ratio Lower Upper
 119 100
 134 25.3 20.6 30.8
 91 31.1 25.0 37.6



#70
 n-Butylbenzene
 Concen: 7.811 ppbv
 RT: 18.57 min Scan# 4908
 Delta R.T. 0.01 min
 Lab File: VL036628.D
 Acq: 1 Apr 2021 12:03

Tgt Ion: 91 Resp: 5422133
 Ion Ratio Lower Upper
 91 100
 92 54.4 43.8 65.8
 134 22.3 18.0 27.0

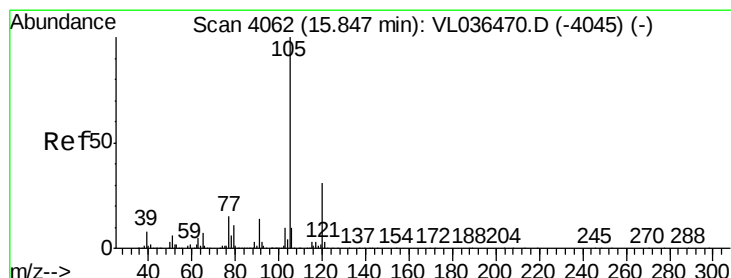
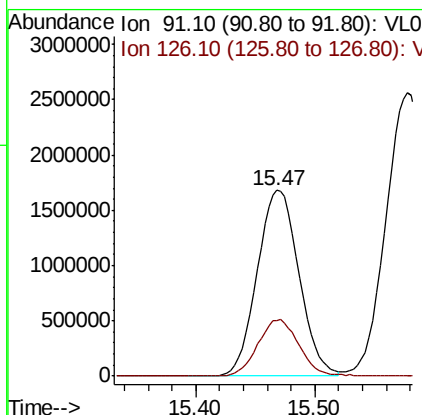
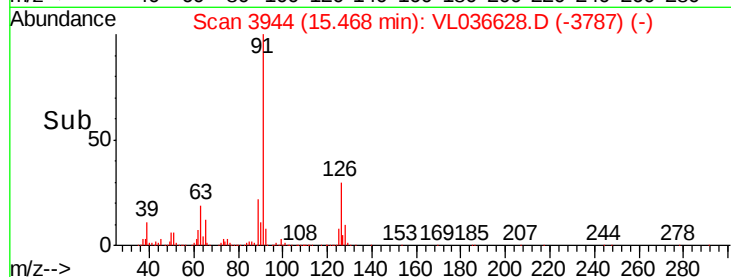
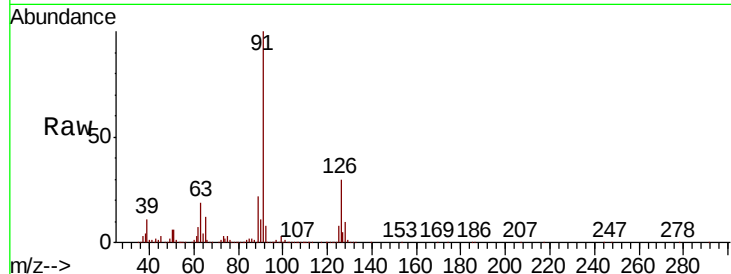




#71
 2-Chlorotoluene
 Concen: 7.777 ppbv
 RT: 15.47 min Scan# 3944
 Delta R.T. 0.01 min
 Lab File: VL036628.D
 Acq: 1 Apr 2021 12:03

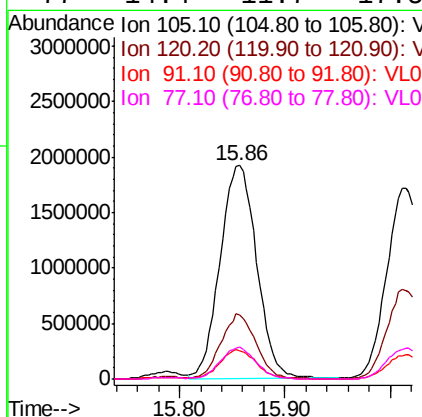
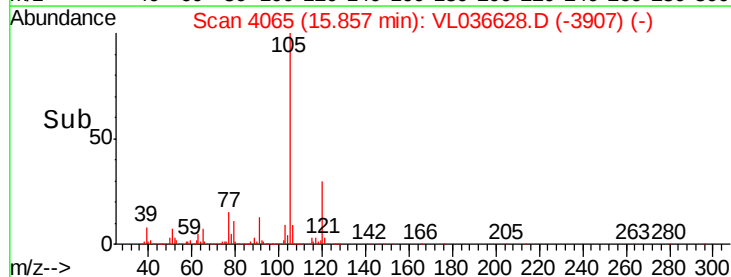
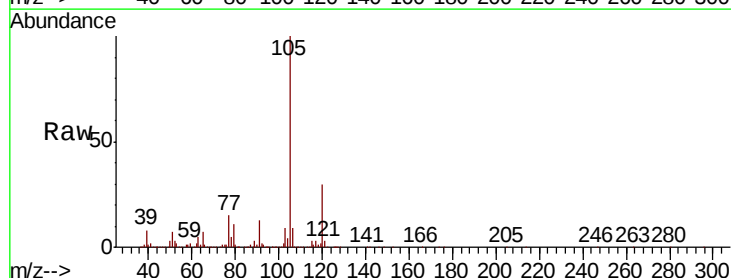
Instrument :
 MSVOA_L
 ClientSampled :

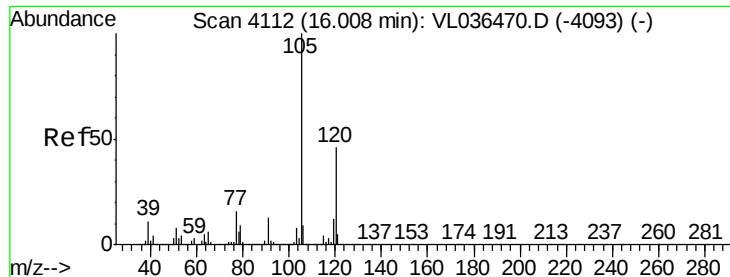
Tot Ion: 91 Resp: 4082007
 Ion Ratio Lower Upper
 91 100
 126 30.3 12.1 48.5



#72
 4-Ethyltoluene
 Concen: 8.124 ppbv
 RT: 15.86 min Scan# 4065
 Delta R.T. 0.01 min
 Lab File: VL036628.D
 Acq: 1 Apr 2021 12:03

Tgt Ion:105 Resp: 4630003
 Ion Ratio Lower Upper
 105 100
 120 29.2 24.0 36.0
 91 13.5 11.0 16.4
 77 14.4 11.7 17.5





#73

1,3,5-Trimethylbenzene

Concen: 7.776 ppbv

RT: 16.01 min Scan# 4114

Delta R.T. 0.01 min

Lab File: VL036628.D

Acq: 1 Apr 2021 12:03

Instrument :

MSVOA_L

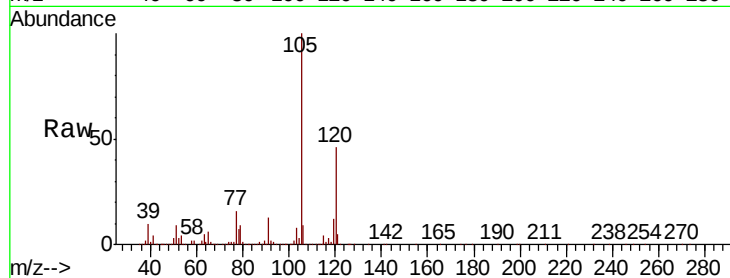
ClientSampleId :

Tot Ion:105 Resp: 4136122

Ion Ratio Lower Upper

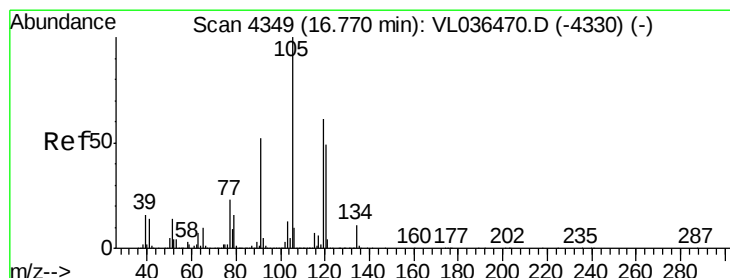
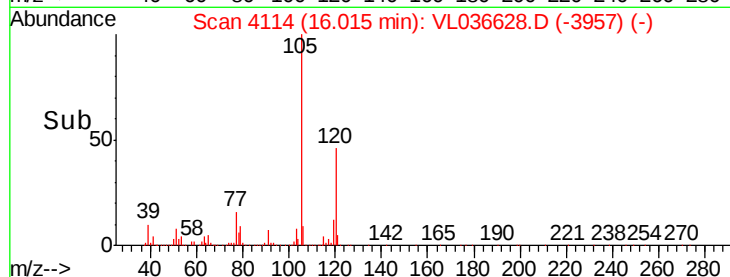
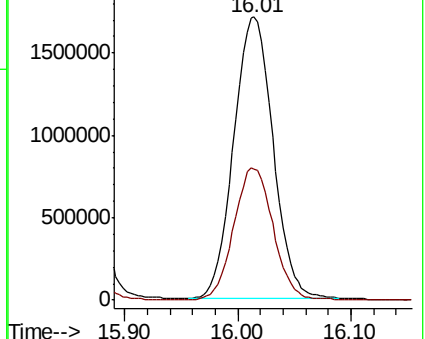
105 100

120 46.3 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: 7.372 ppbv

RT: 16.78 min Scan# 4352

Delta R.T. 0.01 min

Lab File: VL036628.D

Acq: 1 Apr 2021 12:03

Tgt Ion:105 Resp: 4196557

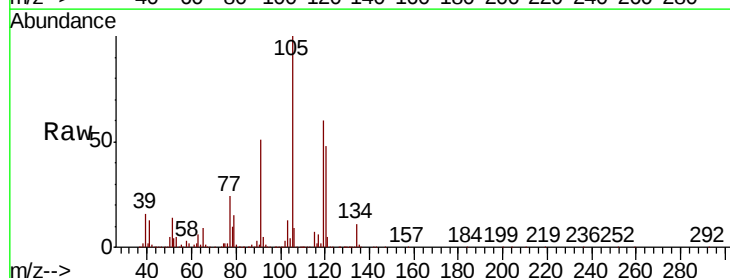
Ion Ratio Lower Upper

105 100

120 48.0 39.2 58.8

91 50.0 42.6 64.0

77 23.7 18.6 28.0

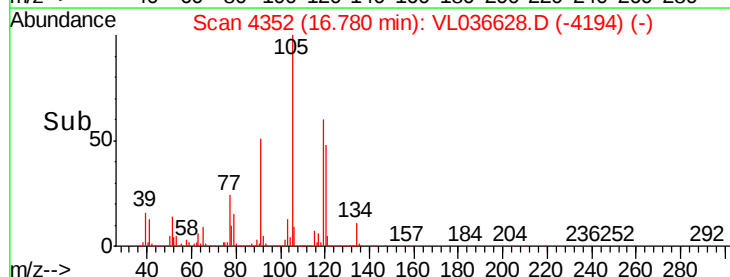
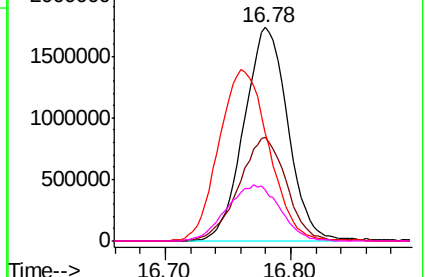


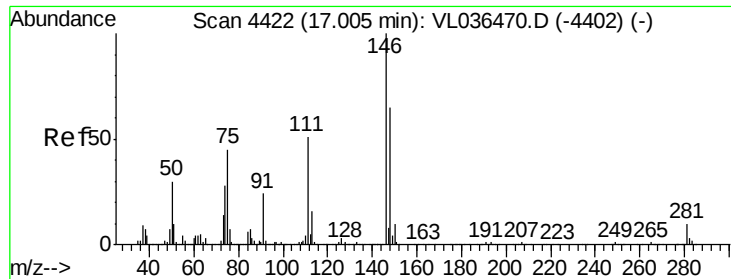
Abundance Ion 105.10 (104.80 to 105.80): V

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

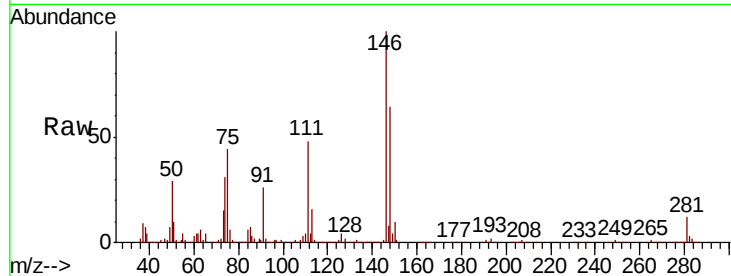




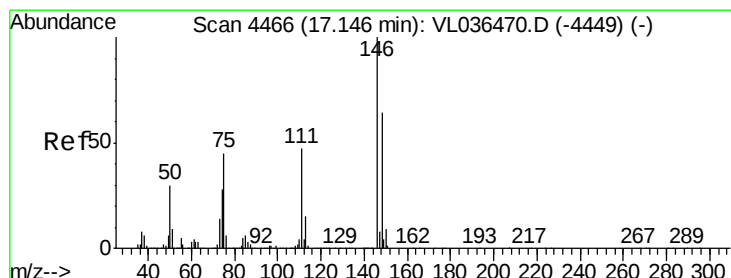
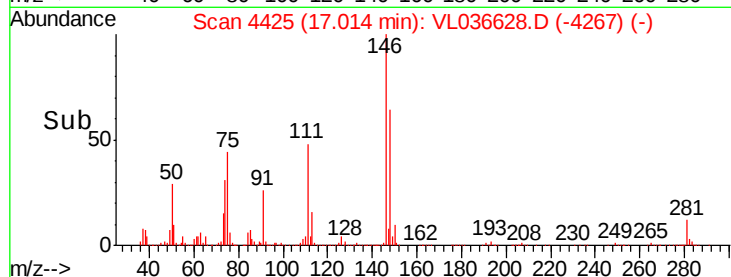
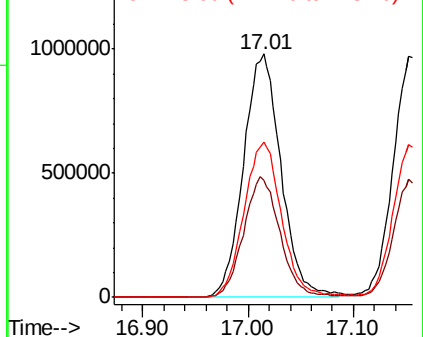
#75
 1,3-Dichlorobenzene
 Concen: 7.561 ppbv
 RT: 17.01 min Scan# 4425
 Delta R.T. 0.01 min
 Lab File: VL036628.D
 Acq: 1 Apr 2021 12:03

Instrument :
 MSVOA_L
 ClientSampleId :

Tot Ion:146 Resp: 2422536
 Ion Ratio Lower Upper
 146 100
 111 48.1 24.5 73.5
 148 64.4 32.3 96.9

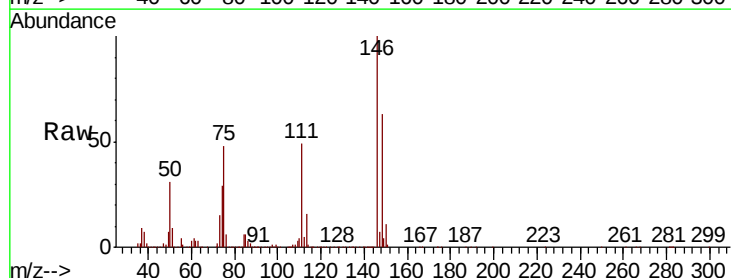


Abundance Ion 146.00 (145.70 to 146.70): V
 Ion 111.10 (110.80 to 111.80): V
 Ion 148.00 (147.70 to 148.70): V

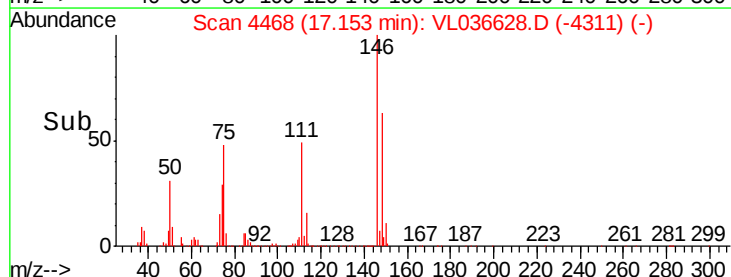
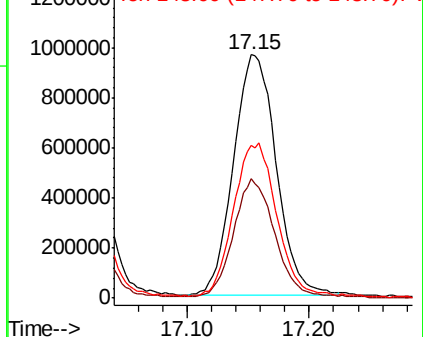


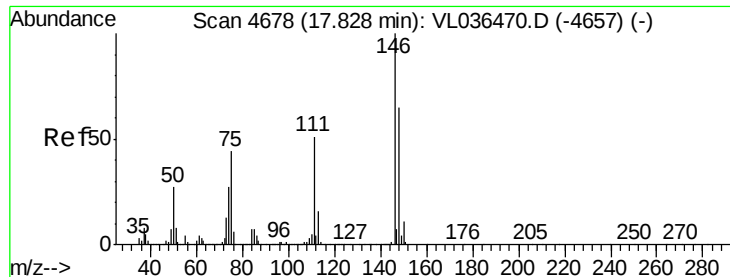
#76
 1,4-Dichlorobenzene
 Concen: 7.366 ppbv
 RT: 17.15 min Scan# 4468
 Delta R.T. 0.01 min
 Lab File: VL036628.D
 Acq: 1 Apr 2021 12:03

Tgt Ion:146 Resp: 2343481
 Ion Ratio Lower Upper
 146 100
 111 48.2 24.3 72.8
 148 66.5 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: 7.595 ppbv

RT: 17.83 min Scan# 4680

Delta R.T. 0.01 min

Lab File: VL036628.D

Acq: 1 Apr 2021 12:03

Instrument :

MSVOA_L

ClientSampleId :

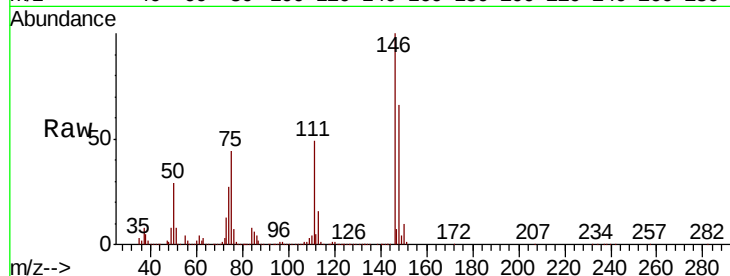
Tot Ion:146 Resp: 2287450

Ion Ratio Lower Upper

146 100

111 50.4 25.5 76.5

148 65.1 32.9 98.6

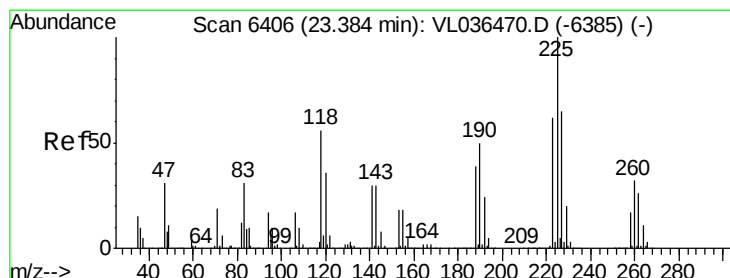
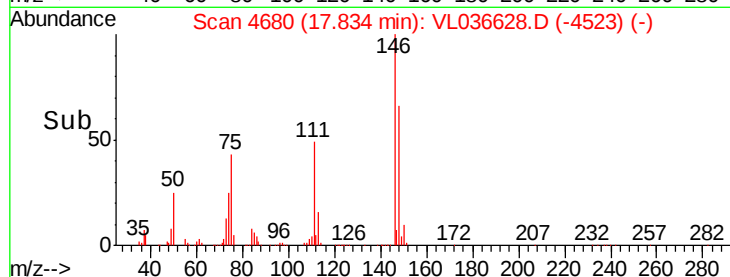
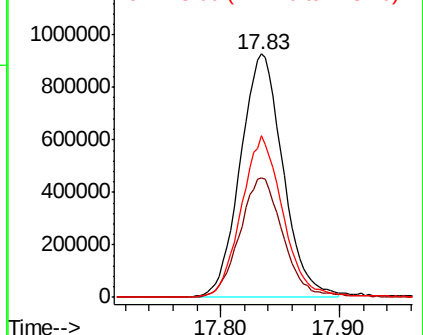


Abundance

Ion 146.00 (145.70 to 146.70): V

Ion 111.10 (110.80 to 111.80): V

Ion 148.00 (147.70 to 148.70): V



#78

Hexachloro-1,3-Butadiene

Concen: 6.615 ppbv

RT: 23.39 min Scan# 6409

Delta R.T. 0.01 min

Lab File: VL036628.D

Acq: 1 Apr 2021 12:03

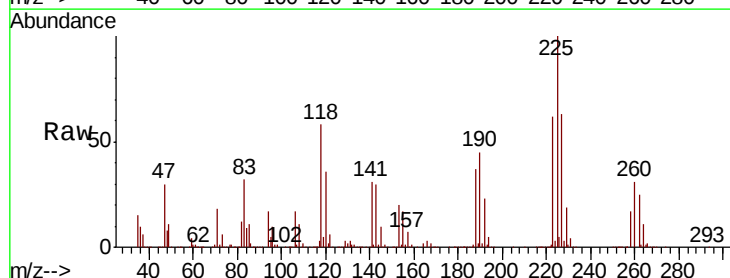
Tgt Ion:225 Resp: 1784378

Ion Ratio Lower Upper

225 100

223 64.4 50.6 75.8

227 66.2 52.2 78.2

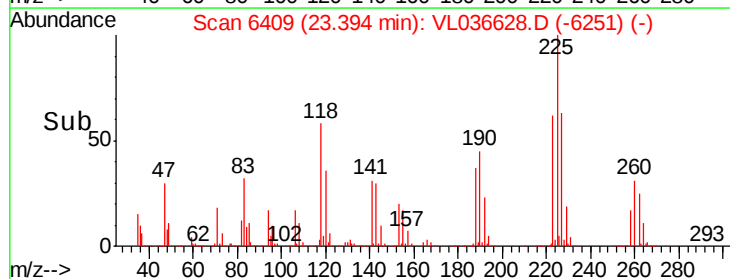
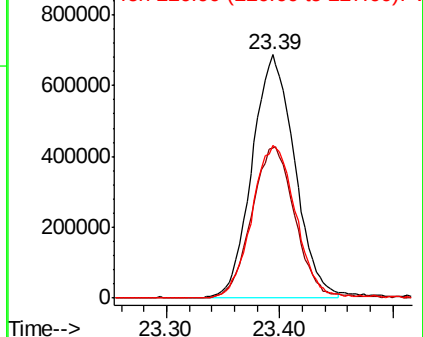


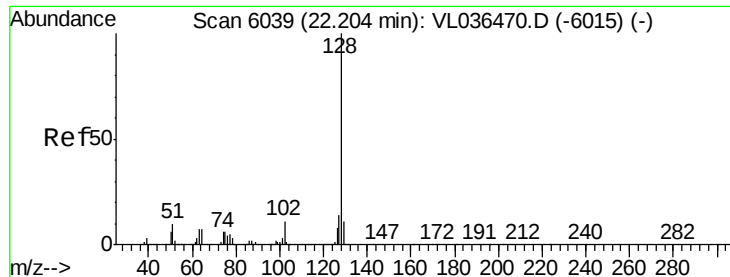
Abundance

Ion 224.90 (224.60 to 225.60): V

Ion 222.90 (222.60 to 223.60): V

Ion 226.90 (226.60 to 227.60): V





#79

Naphthalene

Concen: 9.297 ppbv

RT: 22.22 min Scan# 6045

Delta R.T. 0.02 min

Lab File: VL036628.D

Acq: 1 Apr 2021 12:03

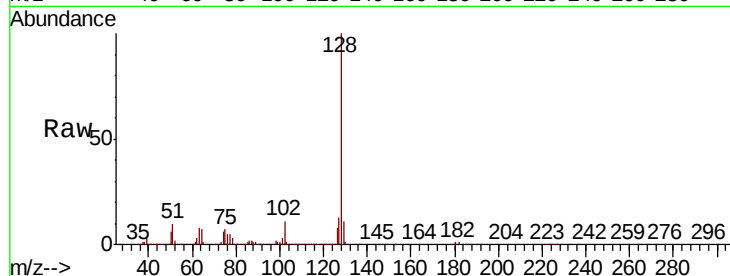
Instrument :

MSVOA_L

ClientSampleId :

Tot Ion:128 Resp: 3088316

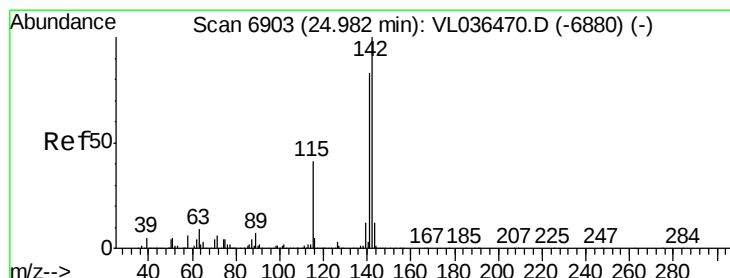
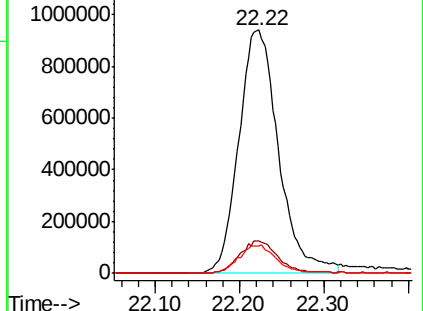
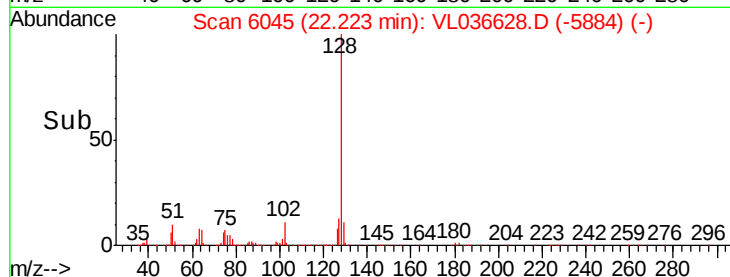
Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.9	16.3
129	11.0	9.0	13.4



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: 8.171 ppbv

RT: 25.00 min Scan# 6909

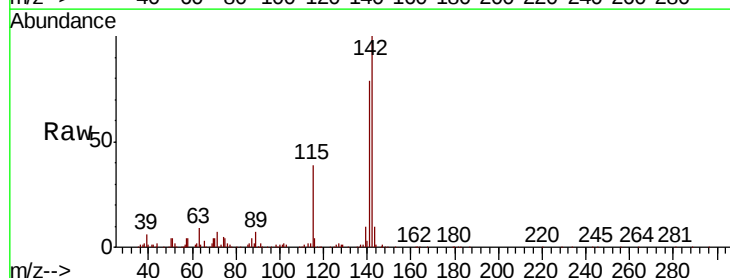
Delta R.T. 0.02 min

Lab File: VL036628.D

Acq: 1 Apr 2021 12:03

Tgt Ion:142 Resp: 535214

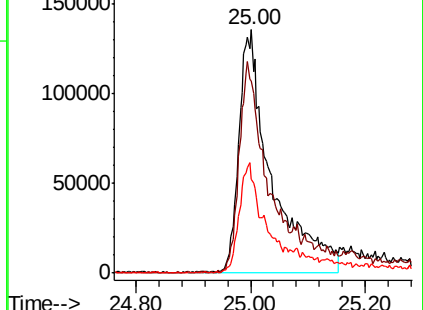
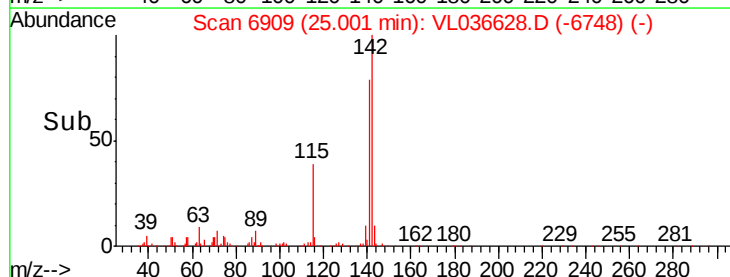
Ion	Ratio	Lower	Upper
142	100		
141	84.9	67.8	101.8
115	45.5	34.0	51.0

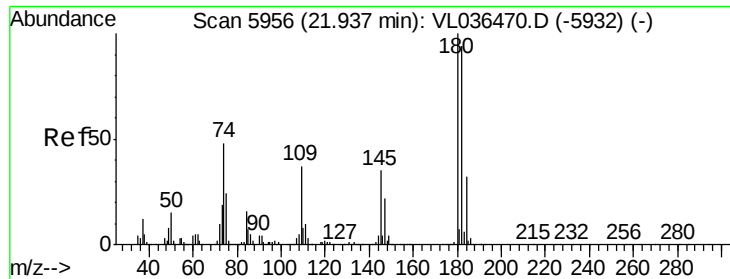


Abundance Ion 142.00 (141.70 to 142.70): V

Ion 141.00 (140.70 to 141.70): V

Ion 115.00 (114.70 to 115.70): V

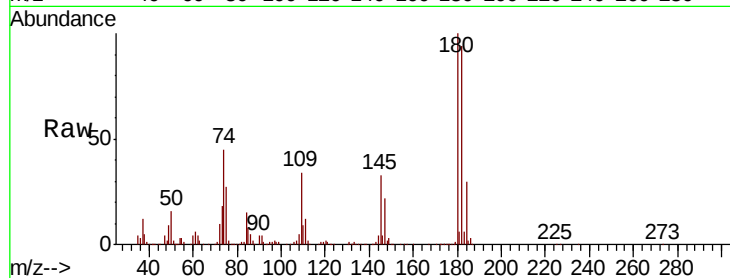




#81
 1,2,4-Trichlorobenzene
 Concen: 8.405 ppbv
 RT: 21.95 min Scan# 5960
 Delta R.T. 0.01 min
 Lab File: VL036628.D
 Acq: 1 Apr 2021 12:03

Instrument :
 MSVOA_L
 ClientSampleId :

Tot Ion:180 Resp: 1723714
 Ion Ratio Lower Upper
 180 100
 182 97.7 80.8 121.2
 184 30.9 25.0 37.4



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

