

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL040121\
 Data File : VL036634.D
 Acq On : 1 Apr 2021 16:06
 Operator : SY/AP
 Sample : M1834-01DL 80X
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Apr 02 01:23:18 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	5.70	49	1054351	10.00	ppbv	0.03
33) 1,4-Difluorobenzene	7.25	114	1844983	10.00	ppbv	0.07
55) Chlorobenzene-d5	12.17	117	2305536	10.00	ppbv	0.07

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.46	95	1932692	10.52	ppbv	0.04
Spiked Amount	10.000	Range	65 - 135	Recovery	=	105.20%

Target Compounds

					Ovalue
3) Chlorodifluoromethane	3.20	51	594837	3.020	ppbv # 69
4) Chloromethane	3.20	50	748045	10.751	ppbv # 69
7) Chloroethane	3.37	64	819	0.033	ppbv # 10
9) Propene	3.20	41	17492558	278.543	ppbv # 92
10) Heptane	8.19	43	19600126	122.512	ppbv # 28
13) Ethanol	3.63	45	3053	0.408	ppbv # 34
15) Acetone	3.87	43	7990768	77.003	ppbv # 48
16) 1,3-Butadiene	3.33	39	44232643	612.242	ppbv # 18
17) tert-Butyl alcohol	4.32	59	5164	0.057	ppbv # 72
19) Isopropyl Alcohol	3.98	45	13381	0.234	ppbv # 89
20) Methylene Chloride	4.34	84	1099691	22.634	ppbv # 2
21) Allyl Chloride	4.40	41	31568518	381.616	ppbv # 63
23) Vinyl Acetate	5.19	43	19868857	111.933	ppbv # 1
24) 1,1-Dichloroethane	4.97	63	6153	0.048	ppbv # 90
25) Ethyl Acetate	5.83	43	45769280	185.516	ppbv # 80
26) Hexane	5.82	57	53455627	466.902	ppbv # 45
27) Carbon Disulfide	4.58	76	7031	0.062	ppbv # 60
28) Methyl tert-Butyl Ether	5.08	73	2319975	17.183	ppbv # 52
29) Chloroform	6.10	83	10071	0.055	ppbv # 97
30) Cyclohexane	7.23	84	24815523	267.258	ppbv # 65
31) cis-1,2-Dichloroethene	5.55	61	41512	0.375	ppbv # 28
34) 2-Butanone	5.19	43	19868857	220.619	ppbv # 96
36) Benzene	6.98	78	32398729	190.404	ppbv # 27
37) 1,2-Dichloroethane	6.43	62	470646	4.699	ppbv # 1
39) 1,2-Dichloropropane	7.65	63	302440	4.382	ppbv # 1
41) Tetrahydrofuran	6.07	42	630378	15.181	ppbv # 41
42) Bromodichloromethane	7.84	83	6043055	44.361	ppbv # 24
43) Methyl Methacrylate	8.04	69	575305	10.069	ppbv # 1
44) 2,2,4-Trimethylpentane	8.05	57	11923090	39.813	ppbv # 46
47) 1,1,2-Trichloroethane	9.58	97	20017	0.286	ppbv # 1
50) 4-Methyl-2-Pentanone	8.91	43	1428571	10.963	ppbv # 85
51) 2-Hexanone	10.21	43	13975444	212.519	ppbv # 47
53) Toluene	9.82	91	25314	0.140	ppbv # 95
57) Chlorobenzene	12.19	112	37886	0.193	ppbv # 74
58) Ethyl Benzene	12.78	91	2122703	6.328	ppbv # 100
59) m/p-Xylene	13.03	91	466845	1.596	ppbv # 53
60) o-Xylene	13.75	91	125293	0.443	ppbv # 97
62) Isopropylbenzene	14.72	105	699597	1.836	ppbv # 99
63) 1,1,2,2-Tetrachloroethane	13.74	83	18112	0.084	ppbv # 24
64) n-propylbenzene	15.60	120	66474	0.714	ppbv # 90
71) 2-Chlorotoluene	15.36	91	8764	0.031	ppbv # 94

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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

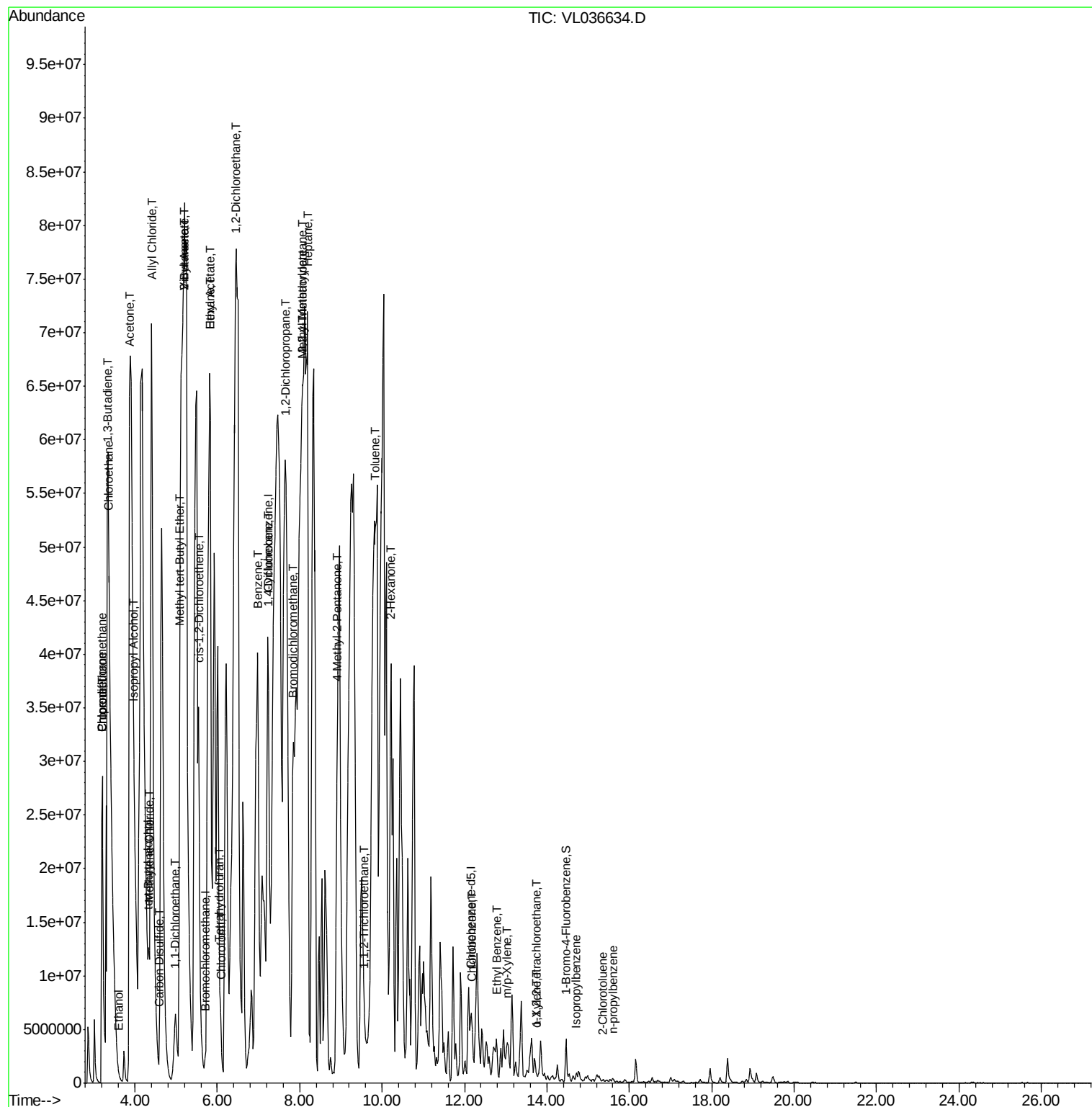
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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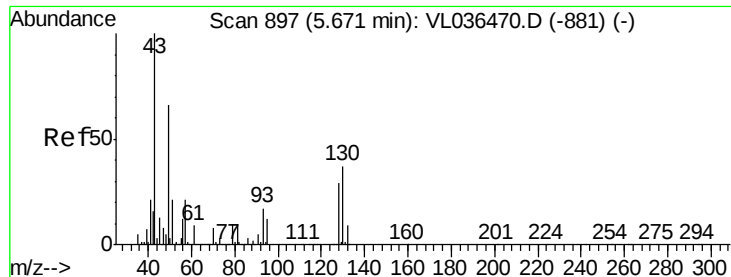
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL040121\
Data File : VL036634.D
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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.70 min Scan# 907

Delta R.T. 0.03 min

Lab File: VL036634.D

Acq: 1 Apr 2021 16:06

Instrument :

MSVOA_L

ClientSampled :

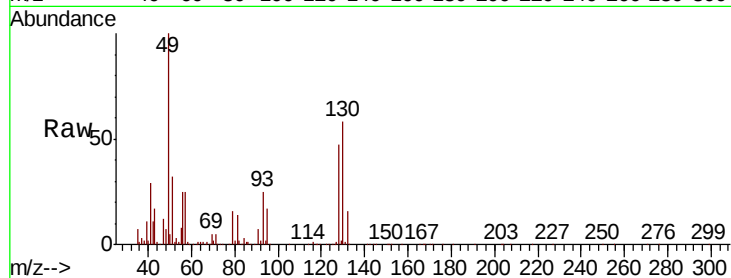
Tot Ion: 49 Resp: 1054351

Ion Ratio Lower Upper

49 100

128 49.4 23.5 70.6

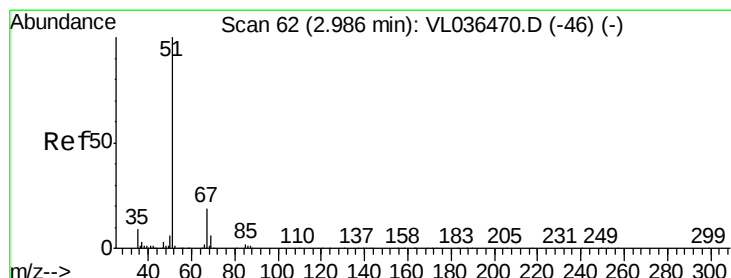
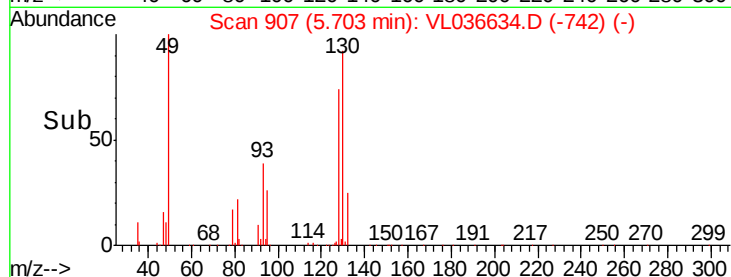
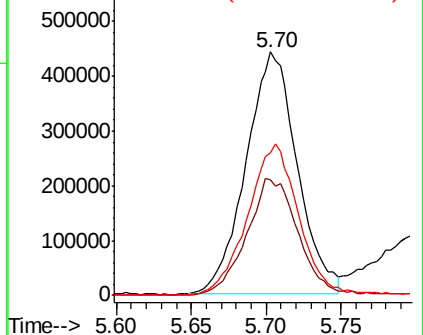
130 63.1 29.1 87.4



Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): VL0

Ion 130.00 (129.70 to 130.70): VL0



#3

Chlorodifluoromethane

Concen: 3.020 ppbv

RT: 3.20 min Scan# 130

Delta R.T. 0.22 min

Lab File: VL036634.D

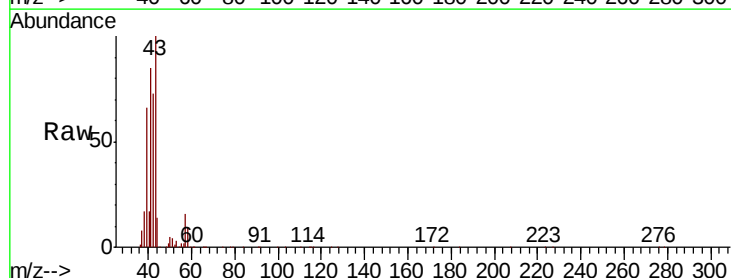
Acq: 1 Apr 2021 16:06

Tgt Ion: 51 Resp: 594837

Ion Ratio Lower Upper

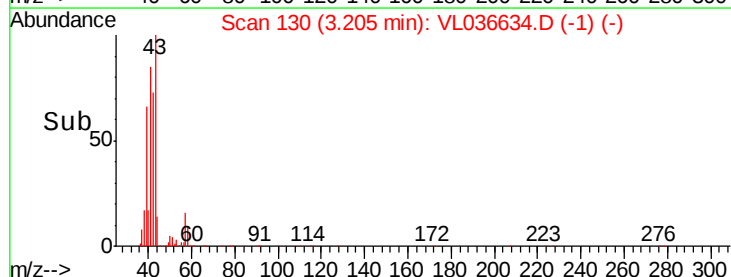
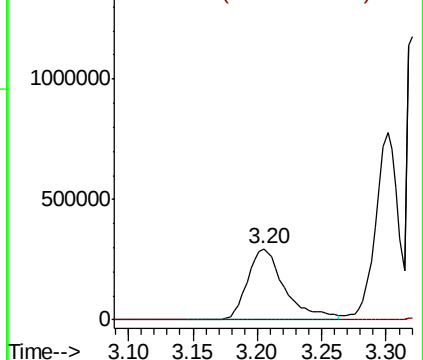
51 100

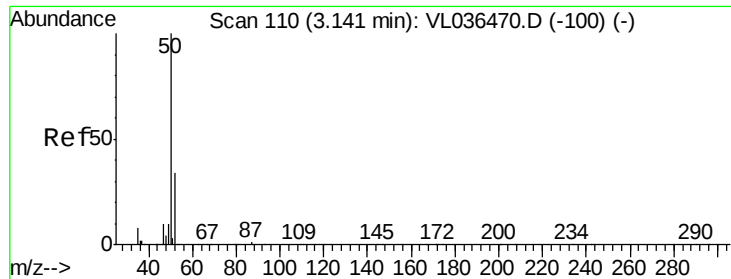
67 4.5 14.7 22.1#



Abundance Ion 51.00 (50.70 to 51.70): VL0

Ion 67.00 (66.70 to 67.70): VL0

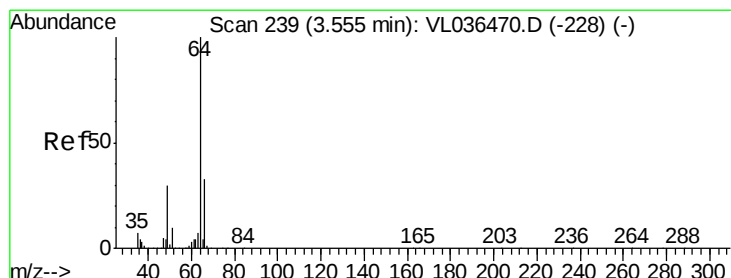
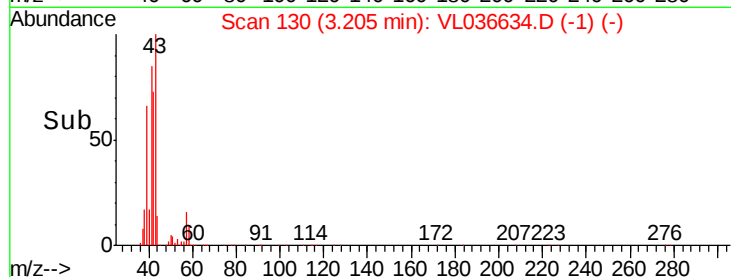
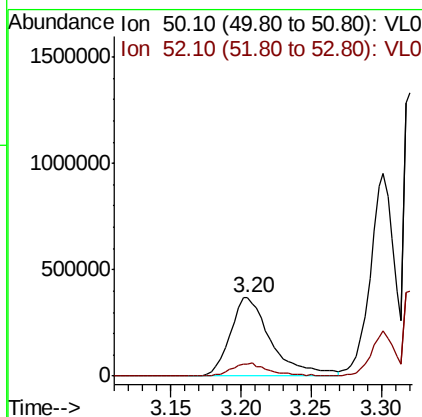
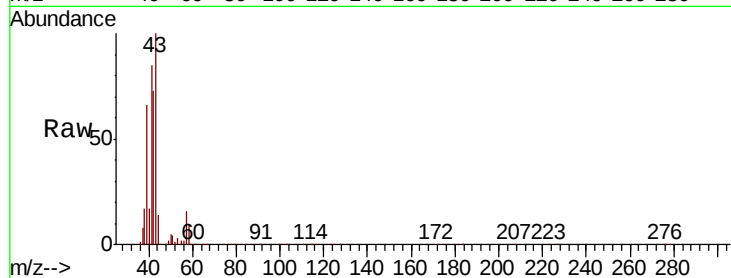




#4
Chloromethane
Concen: 10.751 ppbv
RT: 3.20 min Scan# 130
Delta R.T. 0.06 min
Lab File: VL036634.D
Acq: 1 Apr 2021 16:06

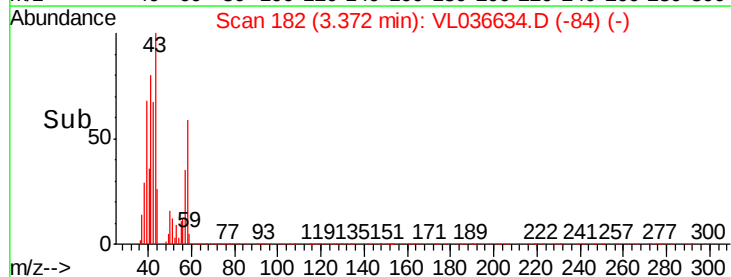
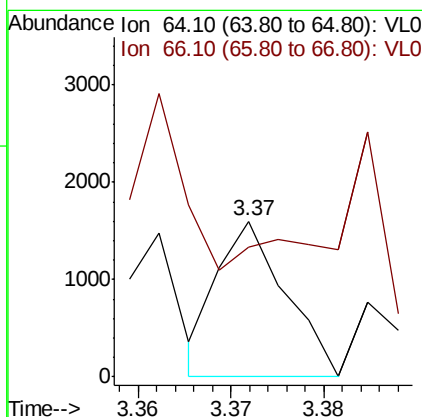
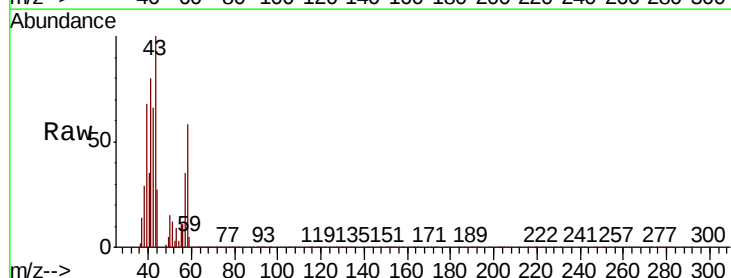
Instrument :
MSVOA_L
ClientSampleId :

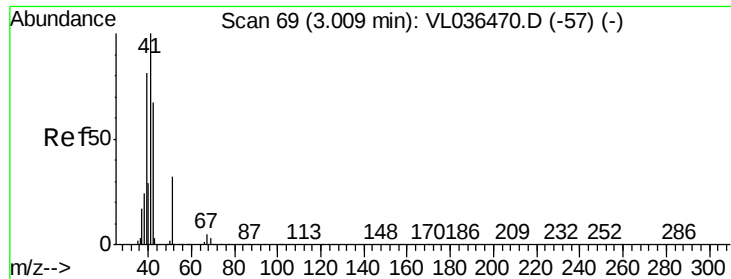
Tot Ion: 50 Resp: 748045
Ion Ratio Lower Upper
50 100
52 15.9 27.0 40.6#



#7
Chloroethane
Concen: 0.033 ppbv
RT: 3.37 min Scan# 182
Delta R.T. -0.18 min
Lab File: VL036634.D
Acq: 1 Apr 2021 16:06

Tgt Ion: 64 Resp: 819
Ion Ratio Lower Upper
64 100
66 83.1 26.2 39.2#

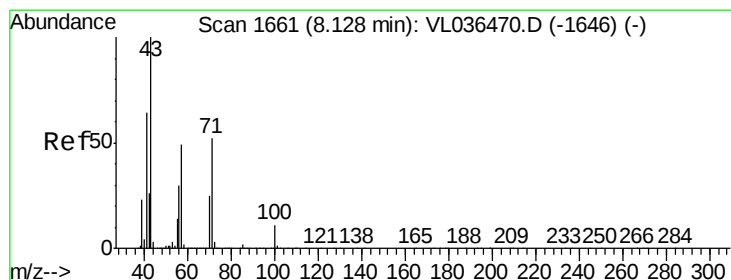
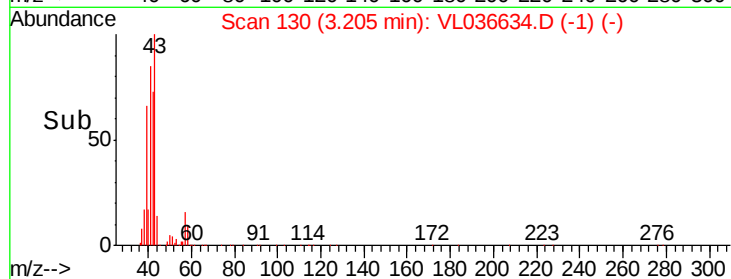
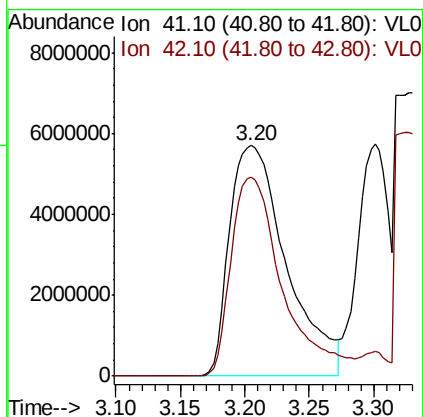
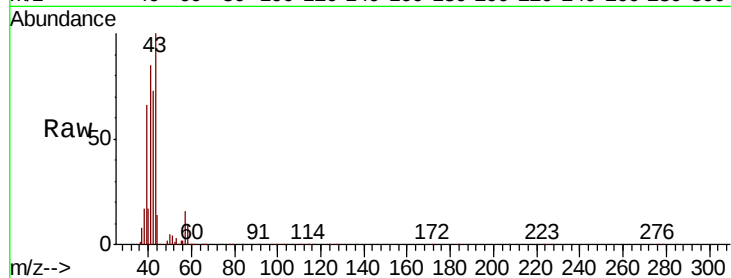




#9
 Propene
 Concen: 278.543 ppbv
 RT: 3.20 min Scan# 130
 Delta R.T. 0.20 min
 Lab File: VL036634.D
 Acq: 1 Apr 2021 16:06

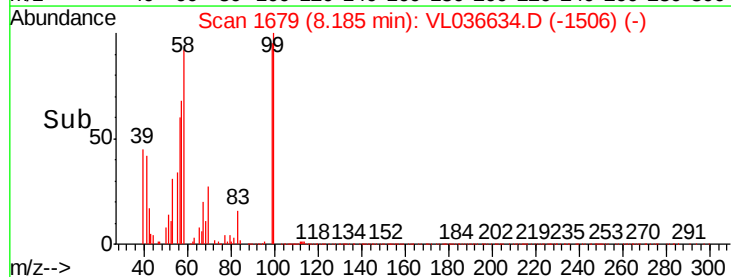
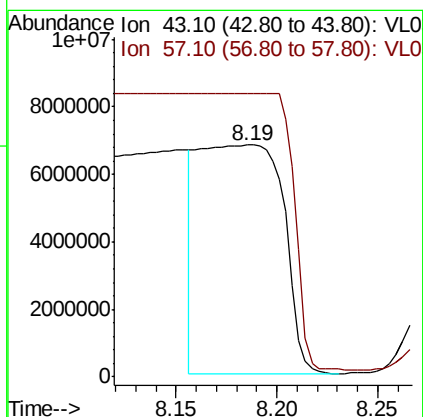
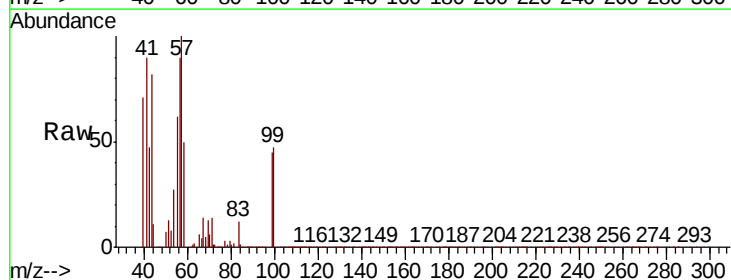
Instrument :
 MSVOA_L
 ClientSampleId :

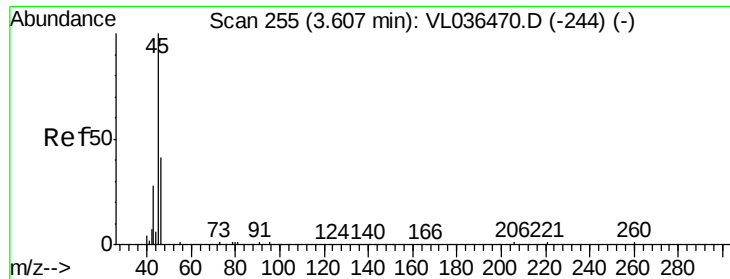
Tot Ion: 41 Resp:17492558
 Ion Ratio Lower Upper
 41 100
 42 77.8 57.0 85.4



#10
 Heptane
 Concen: 122.512 ppbv
 RT: 8.19 min Scan# 1679
 Delta R.T. 0.06 min
 Lab File: VL036634.D
 Acq: 1 Apr 2021 16:06

Tgt Ion: 43 Resp:19600126
 Ion Ratio Lower Upper
 43 100
 57 0.0 39.0 58.6#

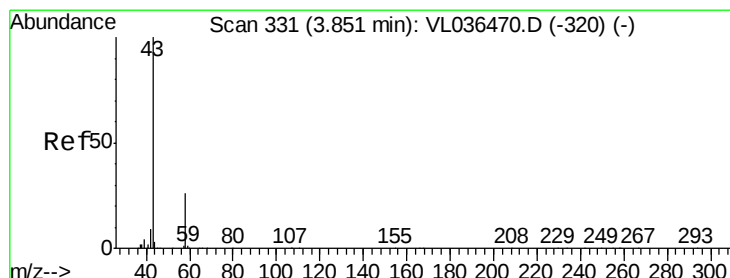
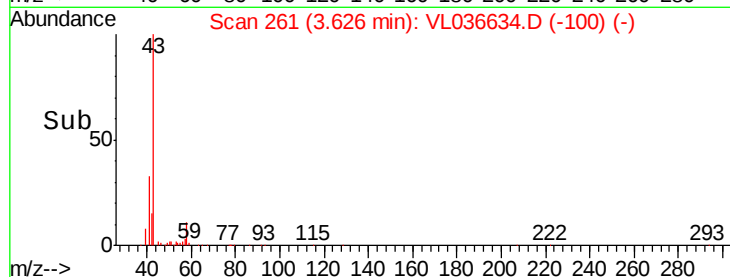
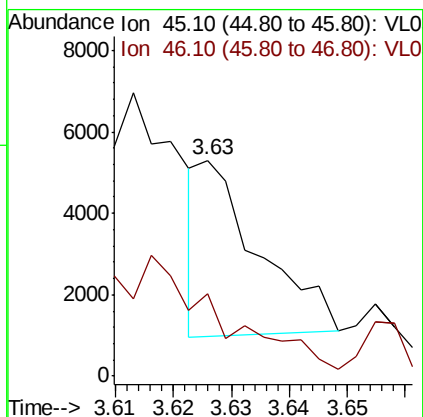
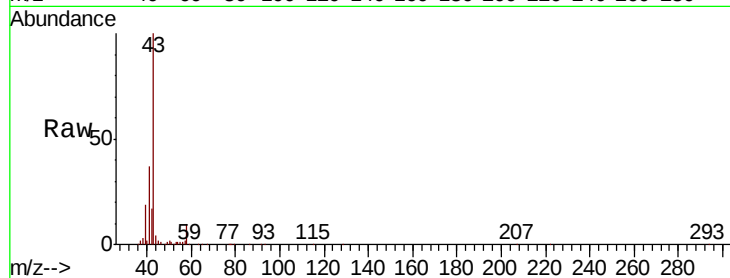




#13
Ethanol
Concen: 0.408 ppbv
RT: 3.63 min Scan# 261
Delta R.T. 0.02 min
Lab File: VL036634.D
Acq: 1 Apr 2021 16:06

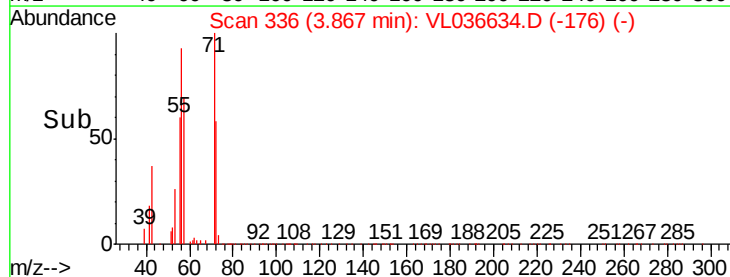
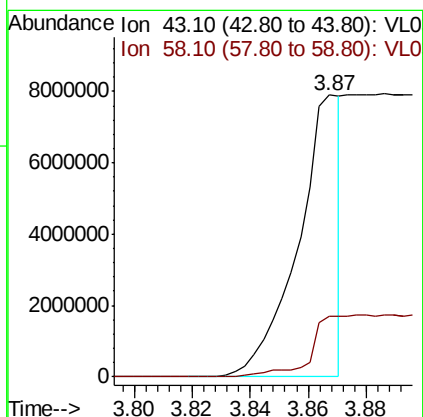
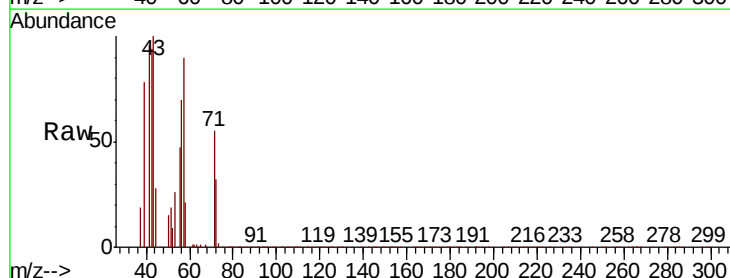
Instrument :
MSVOA_L
ClientSampleId :

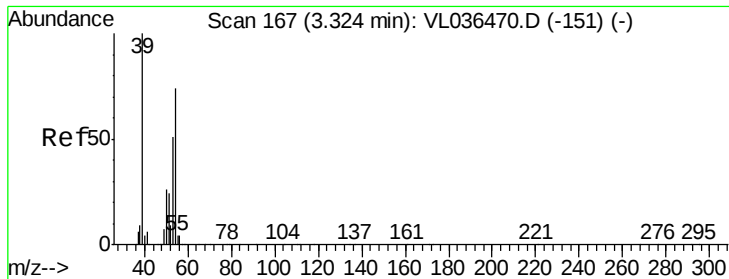
Tot Ion: 45 Resp: 3053
Ion Ratio Lower Upper
45 100
46 0.0 16.6 66.2#



#15
Acetone
Concen: 77.003 ppbv
RT: 3.87 min Scan# 336
Delta R.T. 0.02 min
Lab File: VL036634.D
Acq: 1 Apr 2021 16:06

Tgt Ion: 43 Resp: 7990768
Ion Ratio Lower Upper
43 100
58 0.0 21.2 31.8#

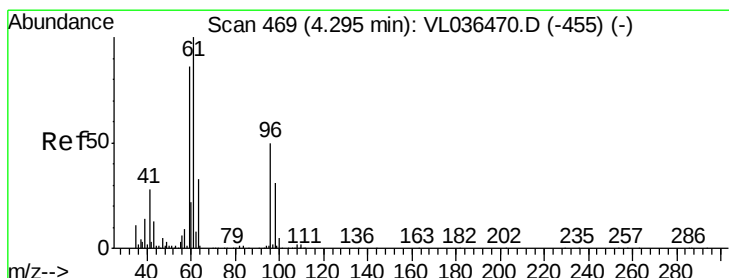
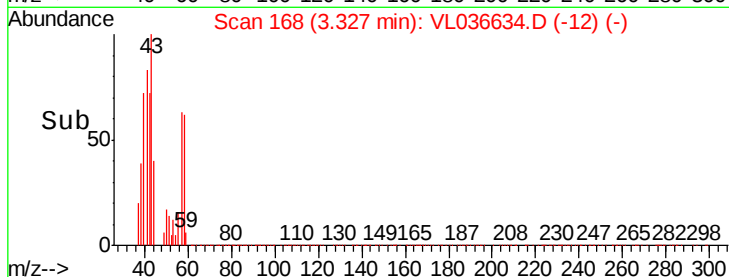
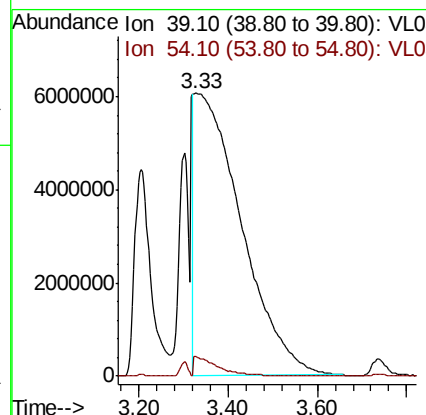
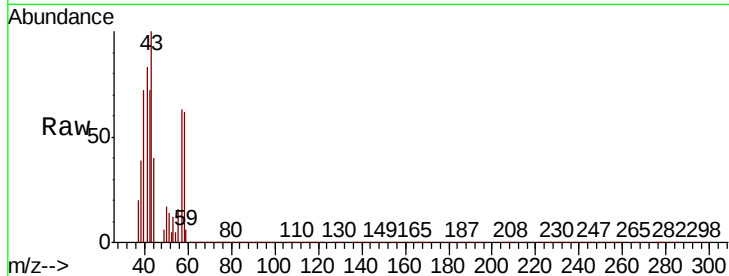




#16
1,3-Butadiene
Concen: 612.242 ppbv
RT: 3.33 min Scan# 168
Delta R.T. 0.00 min
Lab File: VL036634.D
Acq: 1 Apr 2021 16:06

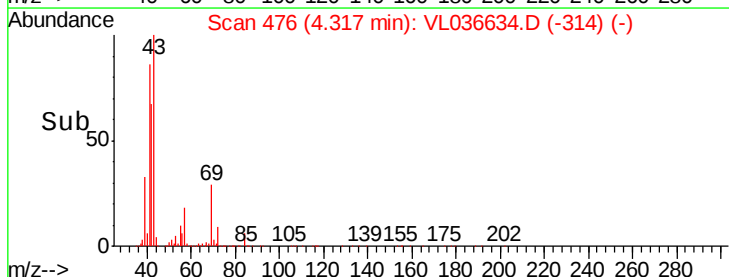
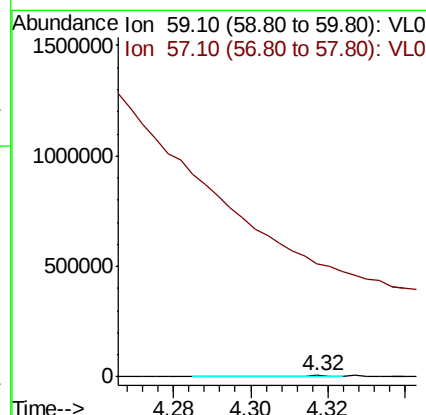
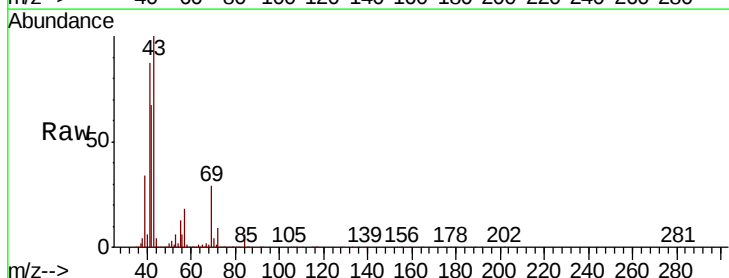
Instrument :
MSVOA_L
ClientSampleId :

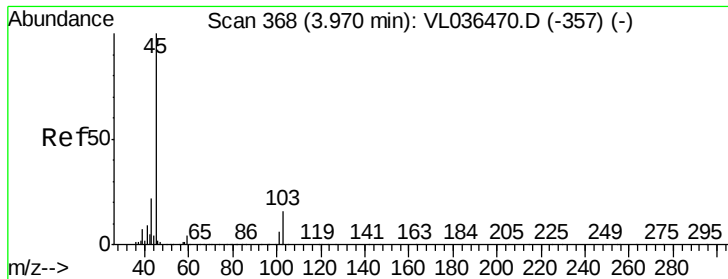
Tot Ion: 39 Resp: 44232643
Ion Ratio Lower Upper
39 100
54 4.5 58.8 88.2#



#17
tert-Butyl alcohol
Concen: 0.057 ppbv
RT: 4.32 min Scan# 476
Delta R.T. 0.02 min
Lab File: VL036634.D
Acq: 1 Apr 2021 16:06

Tgt Ion: 59 Resp: 5164
Ion Ratio Lower Upper
59 100
57 0.0 8.6 12.8#



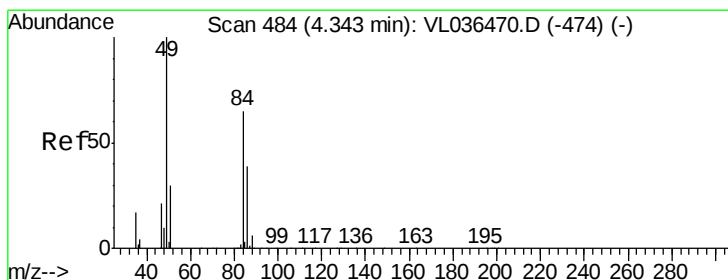
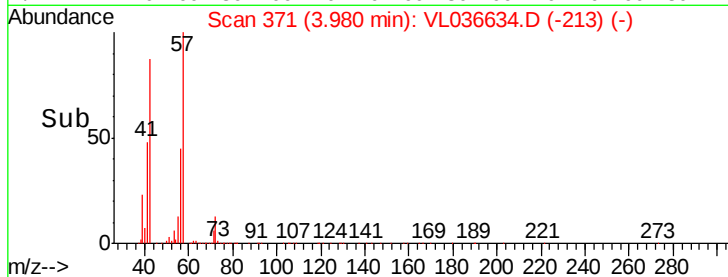
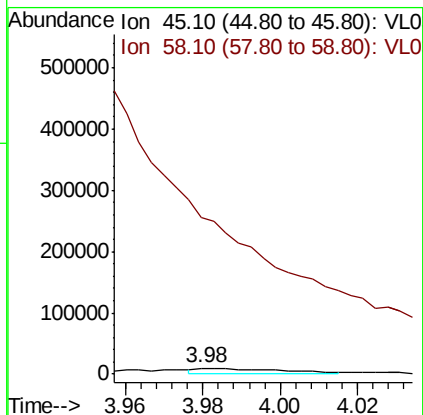
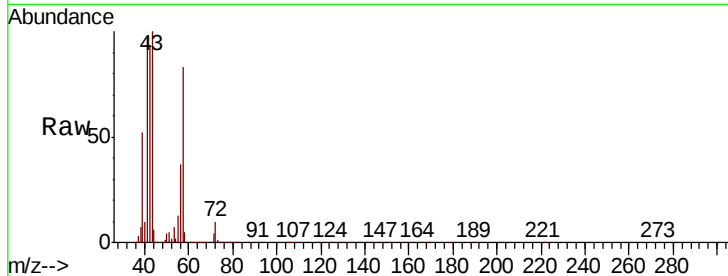


#19

Isopropyl Alcohol
 Concen: 0.234 ppbv
 RT: 3.98 min Scan# 371
 Delta R.T. 0.01 min
 Lab File: VL036634.D
 Acq: 1 Apr 2021 16:06

Instrument :
 MSVOA_L
 ClientSampleId :

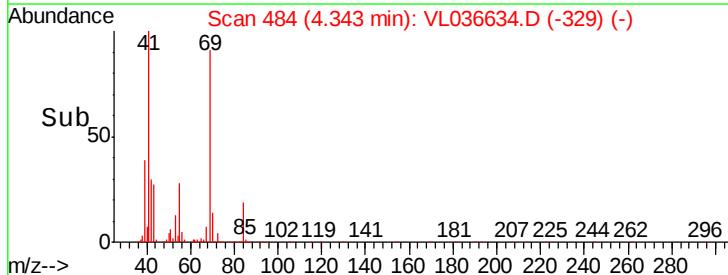
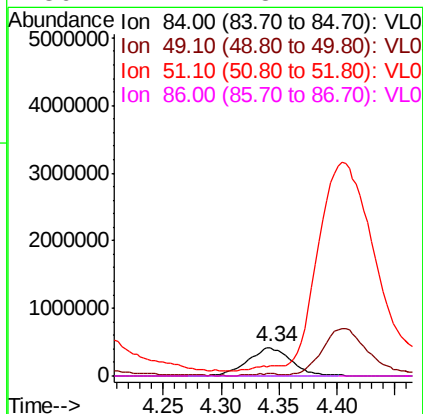
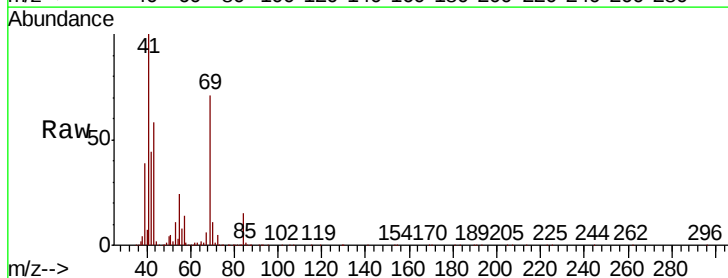
Tot Ion: 45 Resp: 13381
 Ion Ratio Lower Upper
 45 100
 58 0.0 2.9 4.3#

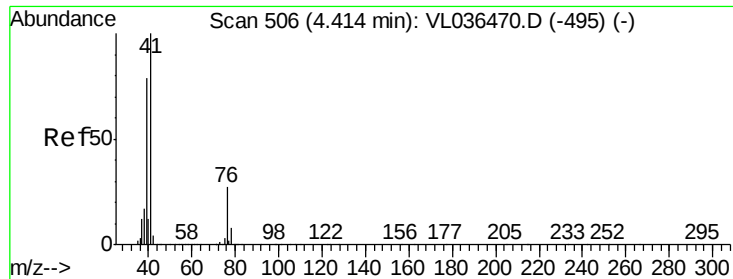


#20

Methylene Chloride
 Concen: 22.634 ppbv
 RT: 4.34 min Scan# 484
 Delta R.T. -0.00 min
 Lab File: VL036634.D
 Acq: 1 Apr 2021 16:06

Tgt Ion: 84 Resp: 1099691
 Ion Ratio Lower Upper
 84 100
 49 3.8 122.9 184.3#
 51 5.3 36.9 55.3#
 86 1.7 48.2 72.4#

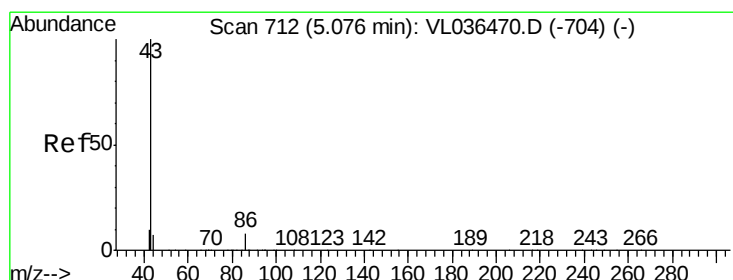
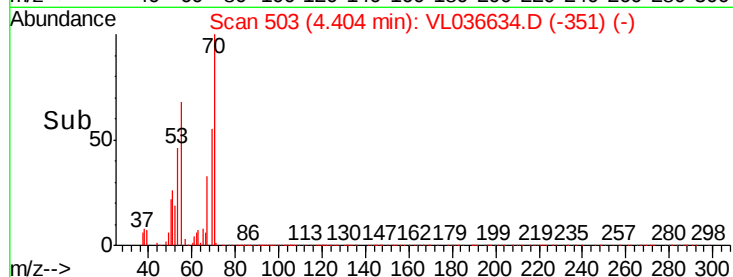
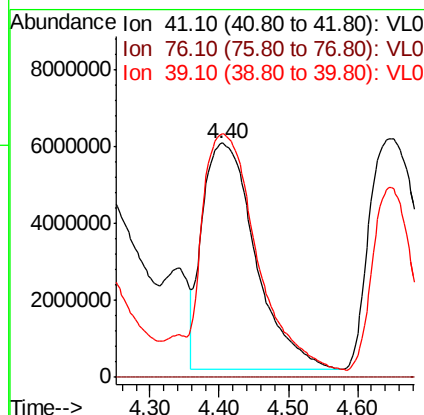
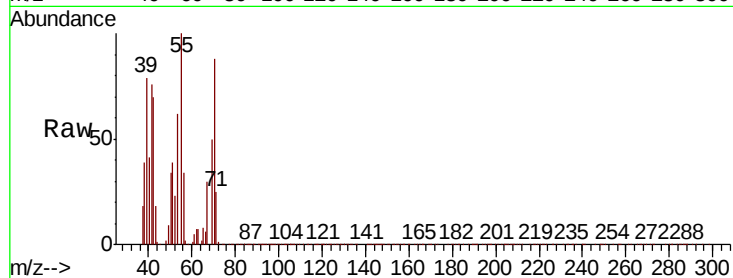




#21
Allvl Chloride
Concen: 381.616 ppbv
RT: 4.40 min Scan# 503
Delta R.T. -0.01 min
Lab File: VL036634.D
Acq: 1 Apr 2021 16:06

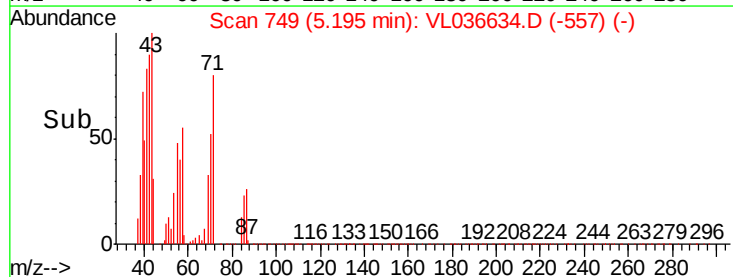
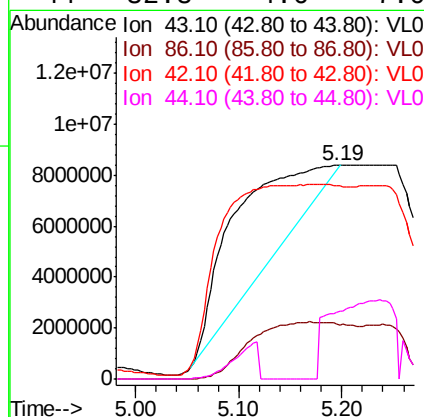
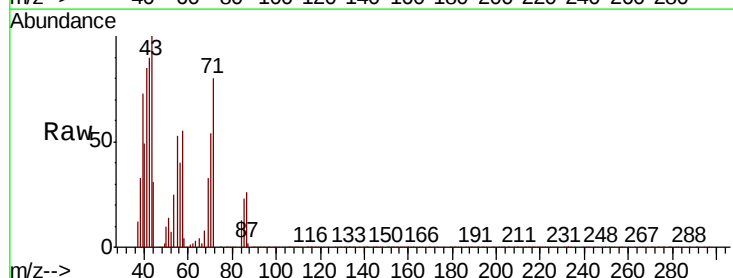
Instrument :
MSVOA_L
ClientSampleId :

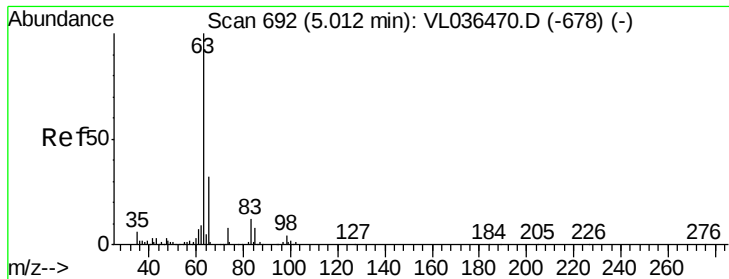
Tot Ion: 41 Resp:31568518
Ion Ratio Lower Upper
41 100
76 0.0 22.9 34.3#
39 112.7 67.3 100.9#



#23
Vinyl Acetate
Concen: 111.933 ppbv
RT: 5.19 min Scan# 749
Delta R.T. 0.12 min
Lab File: VL036634.D
Acq: 1 Apr 2021 16:06

Tgt Ion: 43 Resp:19868857
Ion Ratio Lower Upper
43 100
86 26.9 5.4 8.0#
42 89.1 8.5 12.7#
44 32.8 4.6 7.0#





#24

1,1-Dichloroethane

Concen: 0.048 ppbv

RT: 4.97 min Scan# 680

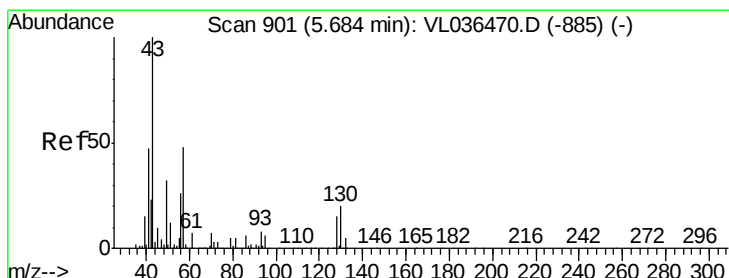
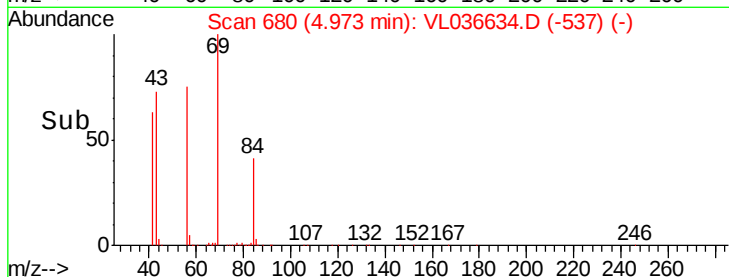
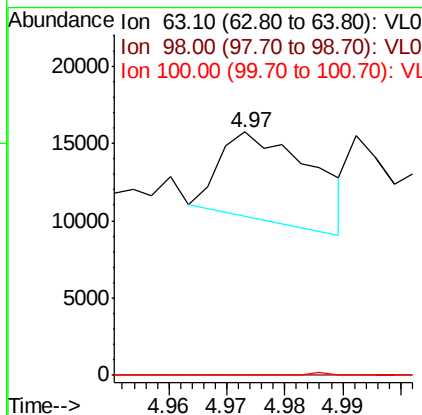
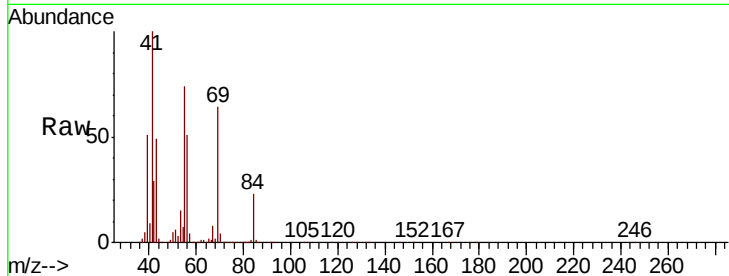
Delta R.T. -0.04 min

Lab File: VL036634.D

Acq: 1 Apr 2021 16:06

Instrument :
MSVOA_L
ClientSampleId :

Tot Ion:	63	Resp:	6153
Ion	Ratio	Lower	Upper
63	100		
98	0.0	2.1	6.2#
100	0.0	0.9	2.8#



#25

Ethyl Acetate

Concen: 185.516 ppbv

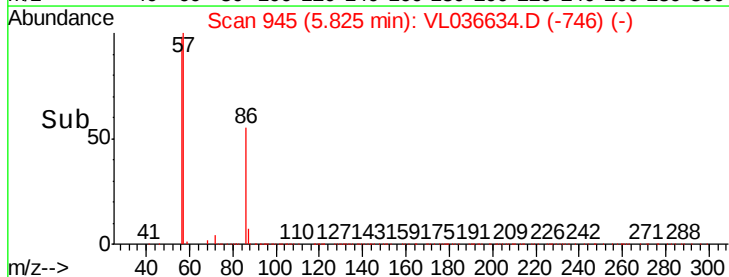
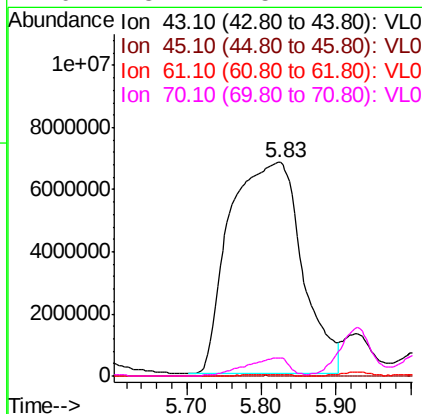
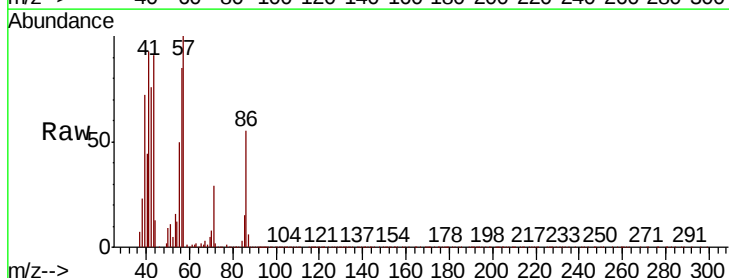
RT: 5.83 min Scan# 945

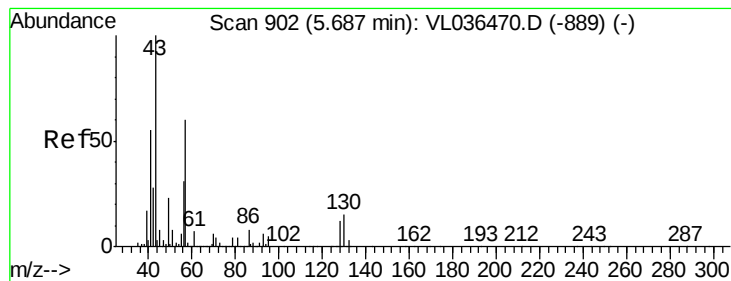
Delta R.T. 0.14 min

Lab File: VL036634.D

Acq: 1 Apr 2021 16:06

Tgt Ion:	43	Resp:	45769280
Ion	Ratio	Lower	Upper
43	100		
45	0.1	7.9	11.9#
61	0.5	7.4	11.2#
70	5.1	5.1	7.7#





#26

Hexane

Concen: 466.902 ppbv

RT: 5.82 min Scan# 944

Delta R.T. 0.13 min

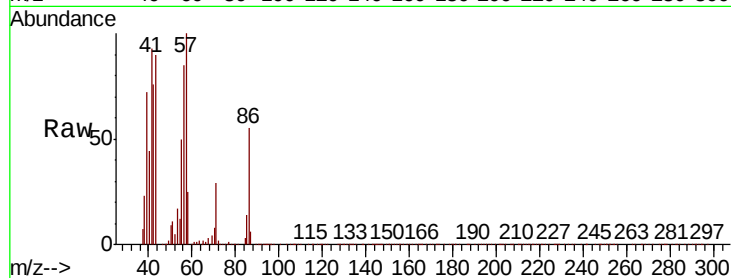
Lab File: VL036634.D

Acq: 1 Apr 2021 16:06

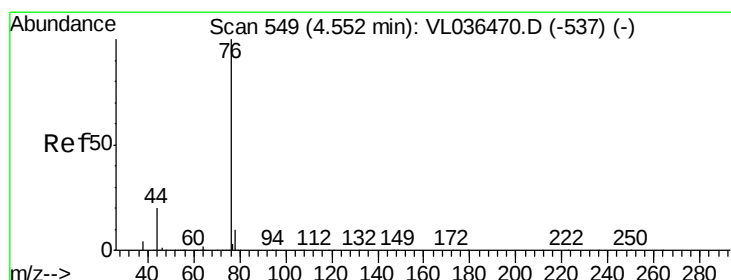
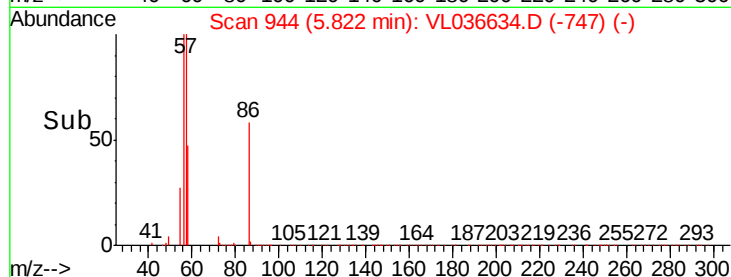
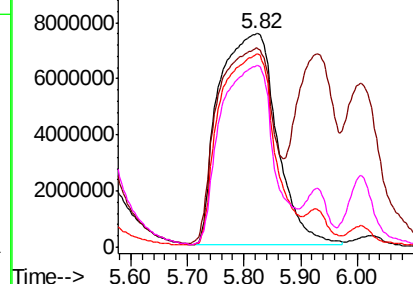
Instrument :
MSVOA_L
ClientSampleId :

Tot Ion: 57 Resp: 53455627

Ion	Ratio	Lower	Upper
57	100		
41	88.8	77.2	115.8
43	85.9	173.8	260.6#
56	77.6	43.8	65.6#



Abundance Ion 57.10 (56.80 to 57.80): VL0
1.2e+07
Ion 41.10 (40.80 to 41.80): VL0
1e+07
Ion 43.10 (42.80 to 43.80): VL0
Ion 56.10 (55.80 to 56.80): VL0



#27

Carbon Disulfide

Concen: 0.062 ppbv

RT: 4.58 min Scan# 558

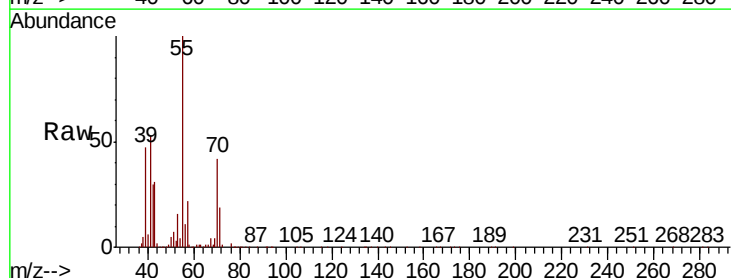
Delta R.T. 0.03 min

Lab File: VL036634.D

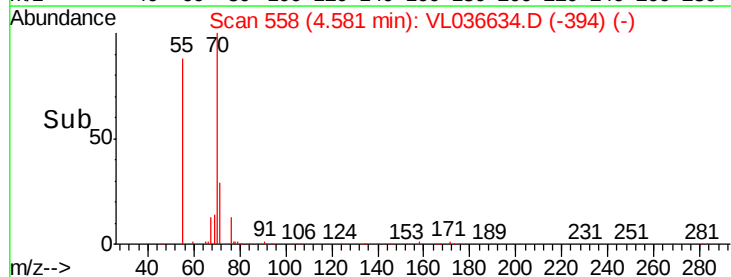
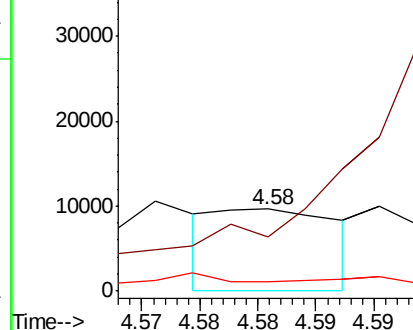
Acq: 1 Apr 2021 16:06

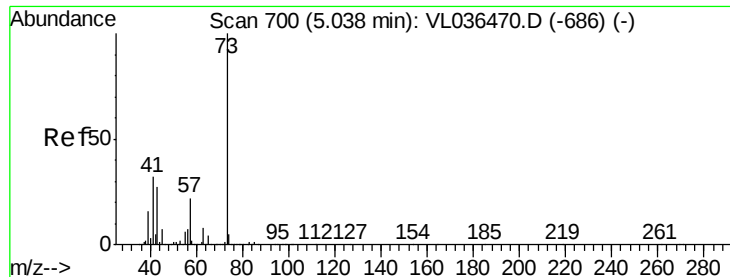
Tgt Ion: 76 Resp: 7031

Ion	Ratio	Lower	Upper
76	100		
44	0.0	17.5	26.3#
78	0.0	8.6	13.0#



Abundance Ion 76.00 (75.70 to 76.70): VL0
40000
Ion 44.10 (43.80 to 44.80): VL0
Ion 78.00 (77.70 to 78.70): VL0



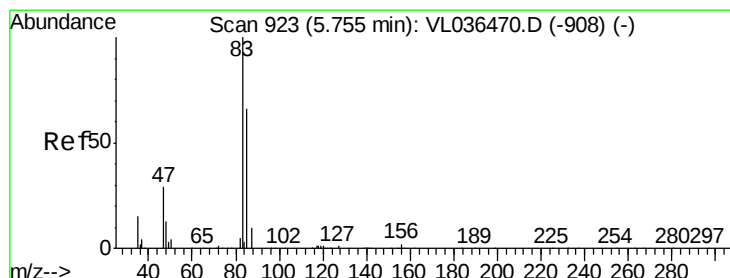
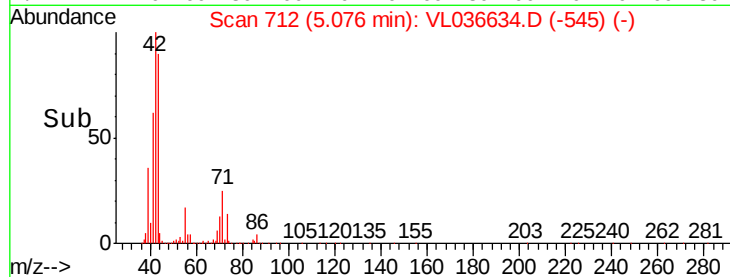
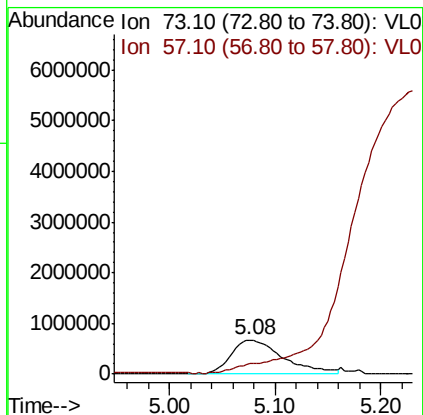
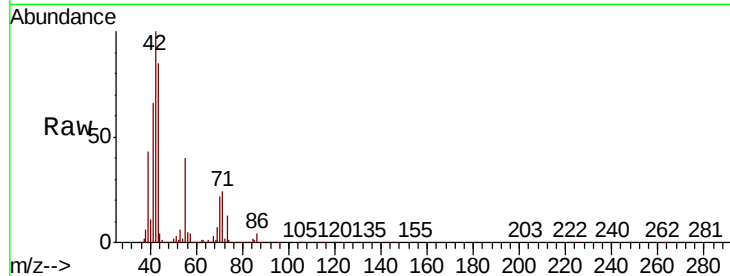


#28

Methvl tert-Butvl Ether
 Concen: 17.183 ppbv
 RT: 5.08 min Scan# 712
 Delta R.T. 0.04 min
 Lab File: VL036634.D
 Acq: 1 Apr 2021 16:06

Instrument :
 MSVOA_L
 ClientSampleId :

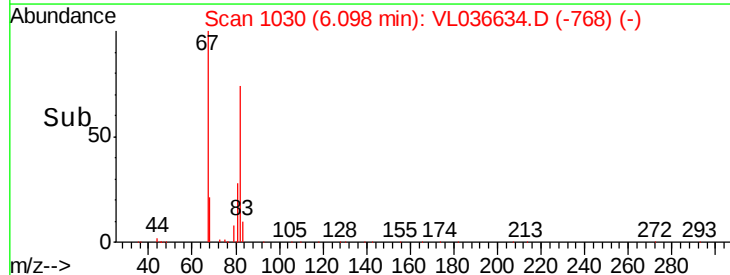
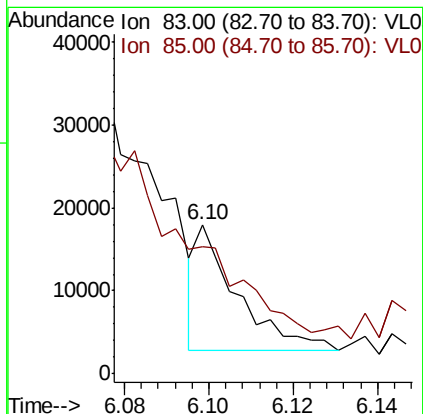
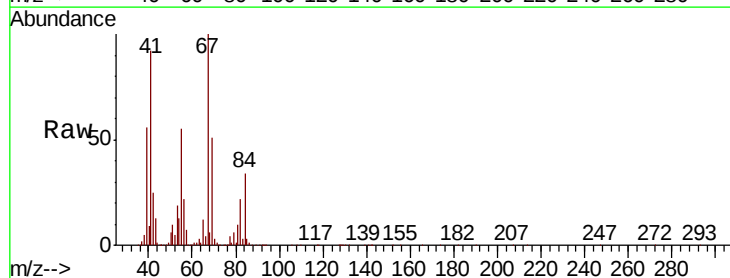
Tot Ion: 73 Resp: 2319975
 Ion Ratio Lower Upper
 73 100
 57 0.0 18.5 27.7#

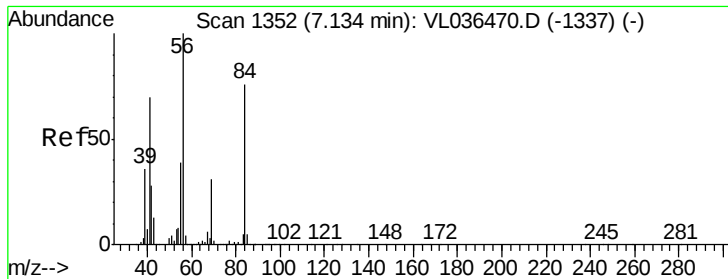


#29

Chloroform
 Concen: 0.055 ppbv
 RT: 6.10 min Scan# 1030
 Delta R.T. 0.34 min
 Lab File: VL036634.D
 Acq: 1 Apr 2021 16:06

Tgt Ion: 83 Resp: 10071
 Ion Ratio Lower Upper
 83 100
 85 62.9 52.6 78.8

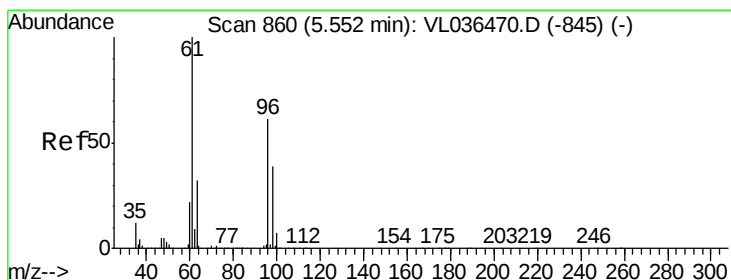
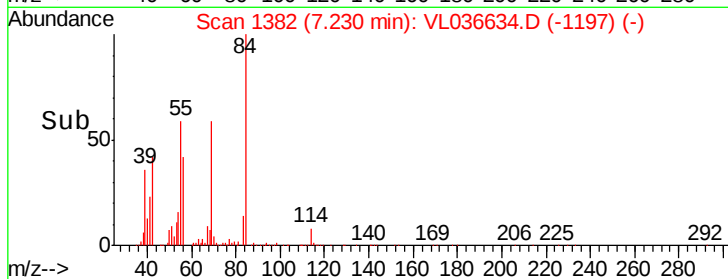
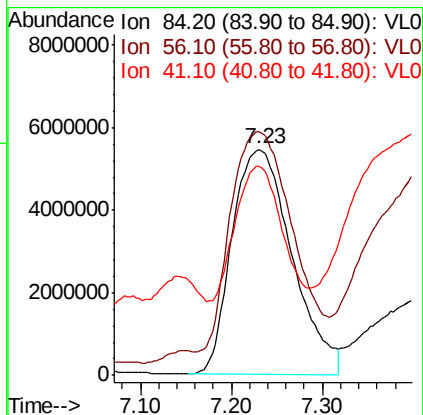
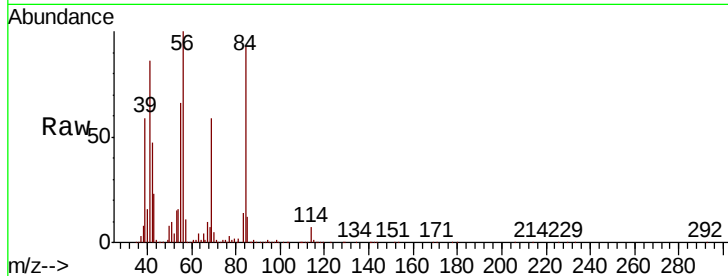




#30
Cvclohexane
Concen: 267.258 ppbv
RT: 7.23 min Scan# 1382
Delta R.T. 0.10 min
Lab File: VL036634.D
Acq: 1 Apr 2021 16:06

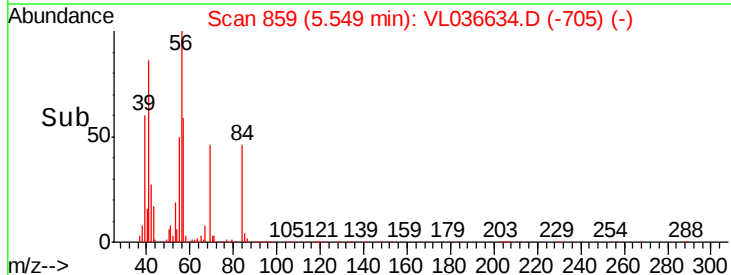
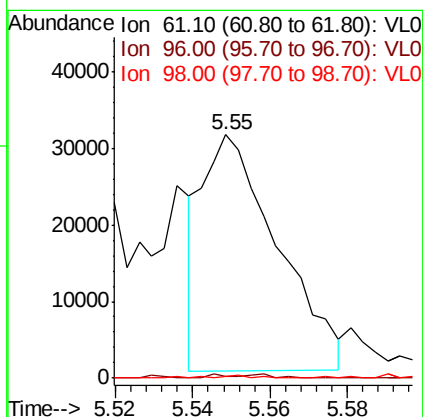
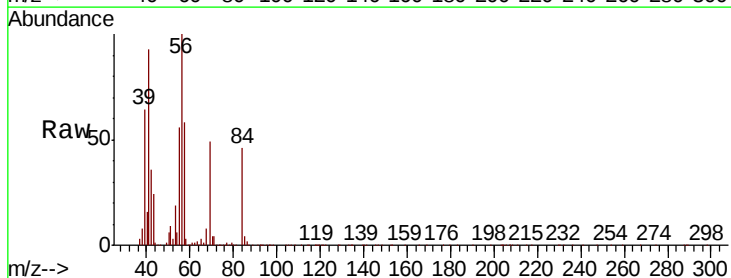
Instrument :
MSVOA_L
ClientSampleId :

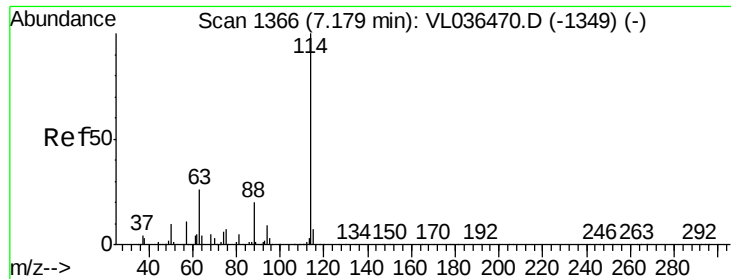
Tot Ion: 84 Resp:24815523
Ion Ratio Lower Upper
84 100
56 113.0 114.6 171.8#
41 45.7 75.3 112.9#



#31
cis-1,2-Dichloroethene
Concen: 0.375 ppbv
RT: 5.55 min Scan# 859
Delta R.T. -0.00 min
Lab File: VL036634.D
Acq: 1 Apr 2021 16:06

Tgt Ion: 61 Resp: 41512
Ion Ratio Lower Upper
61 100
96 1.1 48.7 73.1#
98 0.9 31.4 47.0#

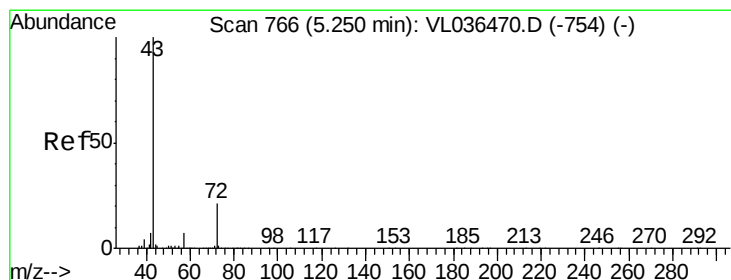
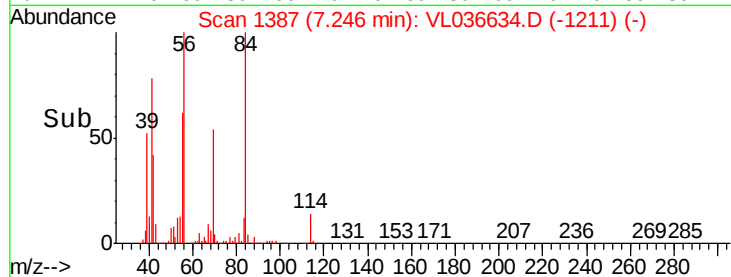
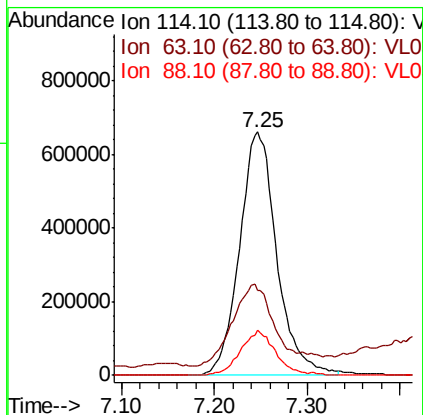
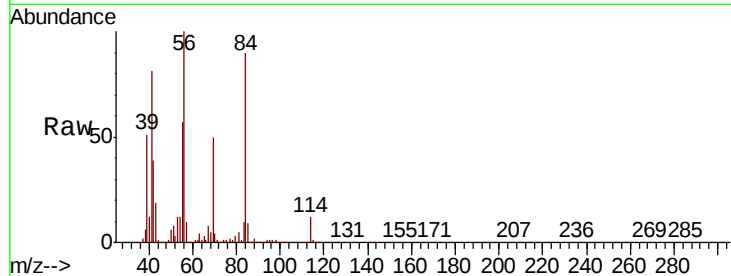




#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.25 min Scan# 1387
 Delta R.T. 0.07 min
 Lab File: VL036634.D
 Acq: 1 Apr 2021 16:06

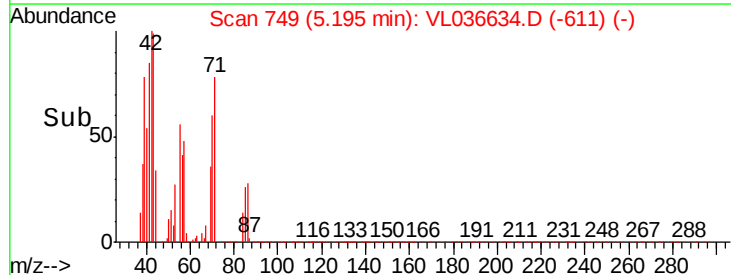
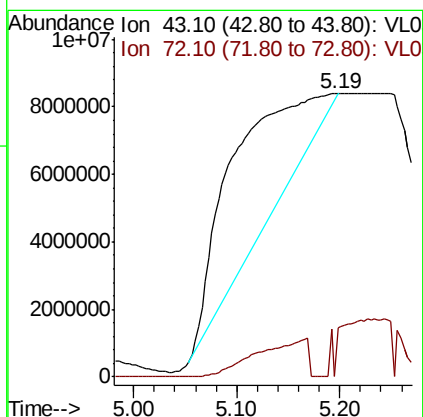
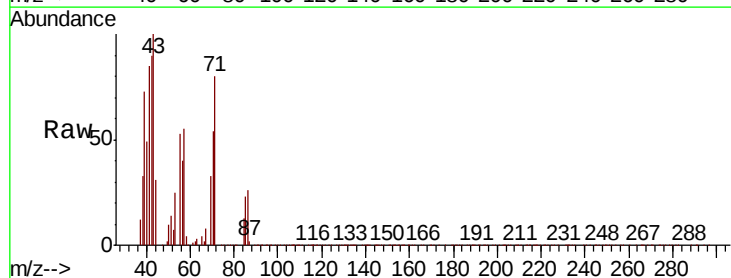
Instrument :
 MSVOA_L
 ClientSampleId :

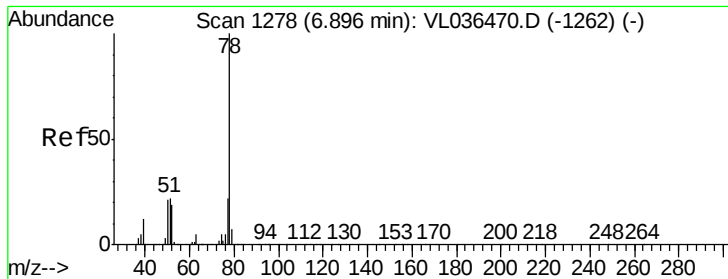
Tot Ion:114 Resp: 1844983
 Ion Ratio Lower Upper
 114 100
 63 39.8 22.4 33.6#
 88 17.8 15.4 23.0



#34
 2-Butanone
 Concen: 220.619 ppbv
 RT: 5.19 min Scan# 749
 Delta R.T. -0.05 min
 Lab File: VL036634.D
 Acq: 1 Apr 2021 16:06

Tgt Ion: 43 Resp:19868857
 Ion Ratio Lower Upper
 43 100
 72 19.4 17.0 25.6





#36

Benzene

Concen: 190.404 ppbv

RT: 6.98 min Scan# 1303

Delta R.T. 0.08 min

Lab File: VL036634.D

Acq: 1 Apr 2021 16:06

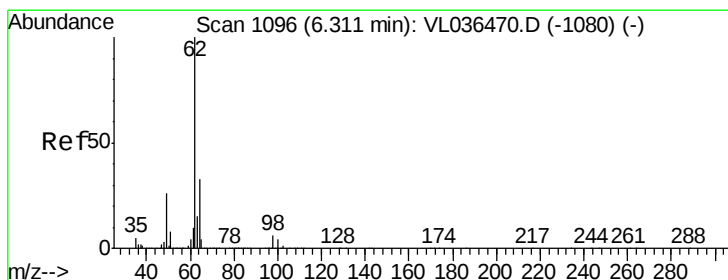
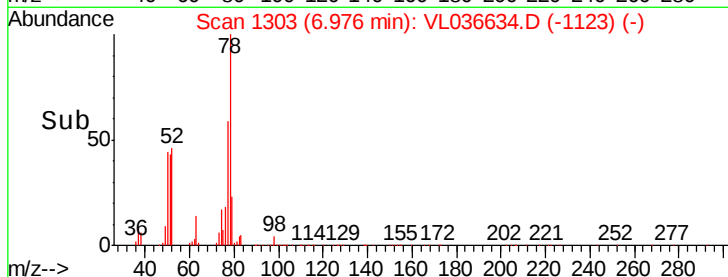
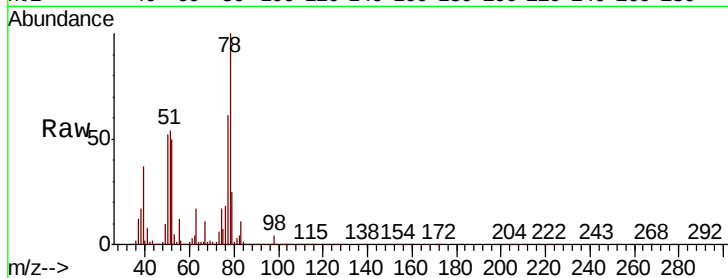
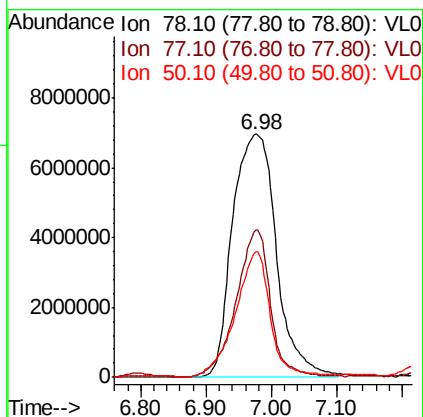
Instrument :

MSVOA_L

ClientSampleId :

Tot Ion: 78 Resp: 32398729

Ion	Ratio	Lower	Upper
78	100		
77	60.5	18.0	27.0#
50	51.5	16.5	24.7#



#37

1,2-Dichloroethane

Concen: 4.699 ppbv

RT: 6.43 min Scan# 1133

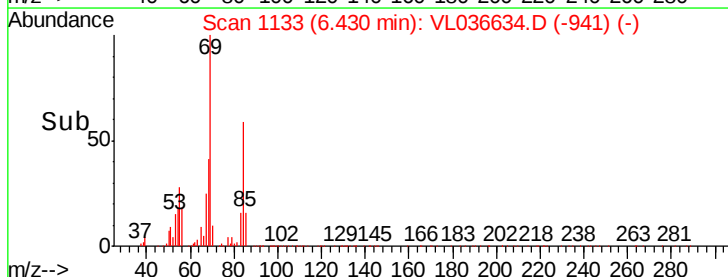
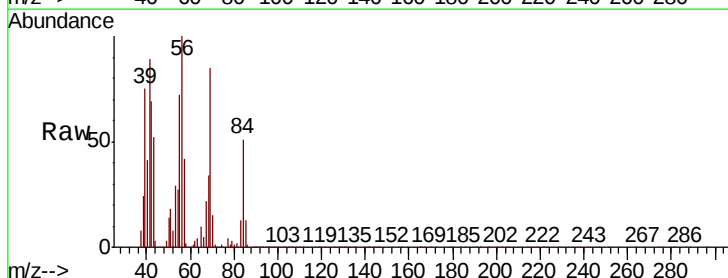
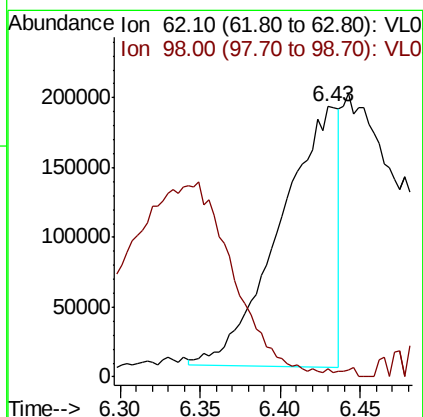
Delta R.T. 0.12 min

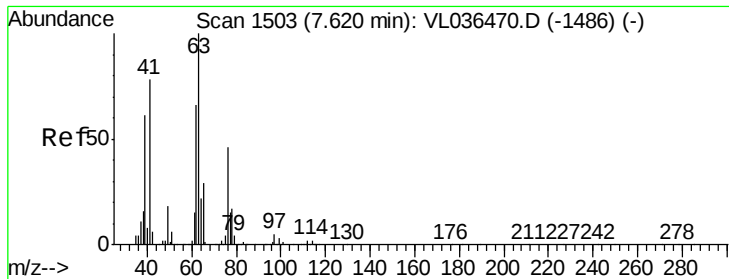
Lab File: VL036634.D

Acq: 1 Apr 2021 16:06

Tgt Ion: 62 Resp: 470646

Ion	Ratio	Lower	Upper
62	100		
98	137.5	4.9	7.3#

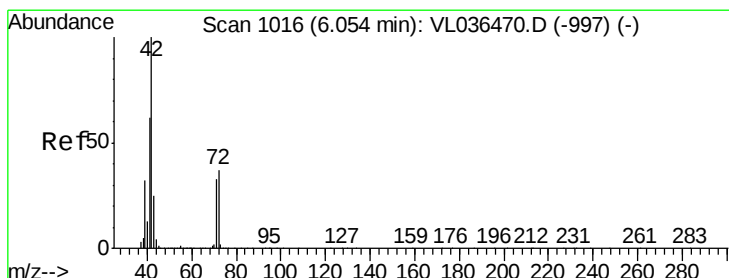
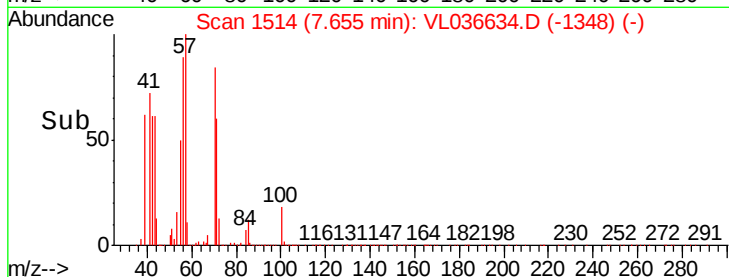
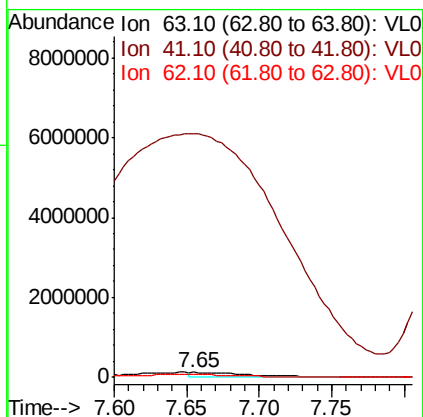
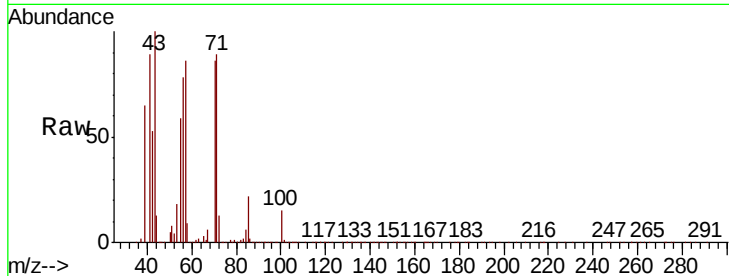




#39
 1,2-Dichloropropane
 Concen: 4.382 ppbv
 RT: 7.65 min Scan# 1514
 Delta R.T. 0.04 min
 Lab File: VL036634.D
 Acq: 1 Apr 2021 16:06

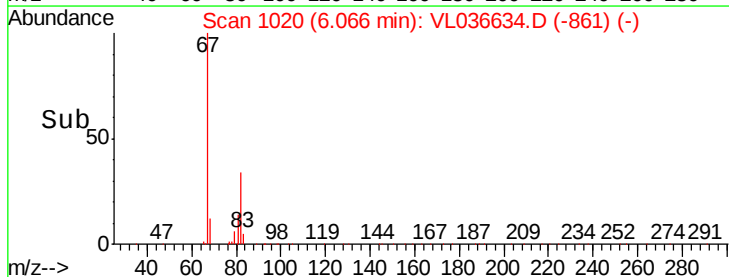
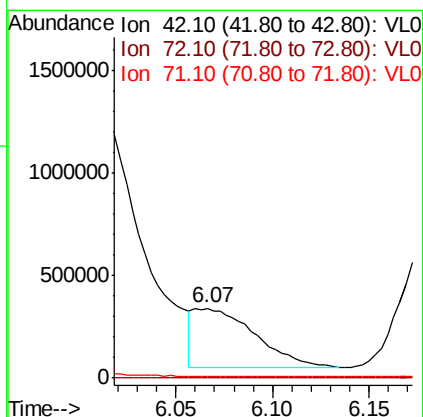
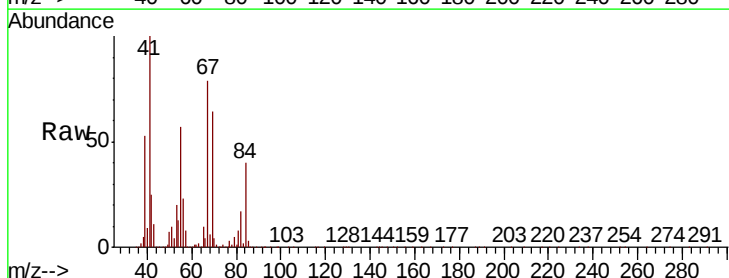
Instrument :
 MSVOA_L
 ClientSampleId :

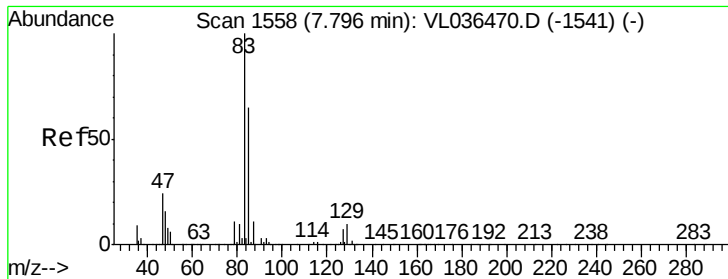
Tot Ion: 63 Resp: 302440
 Ion Ratio Lower Upper
 63 100
 41 4208.8 62.4 93.6#
 62 53.8 52.8 79.2



#41
 Tetrahydrofuran
 Concen: 15.181 ppbv
 RT: 6.07 min Scan# 1020
 Delta R.T. 0.01 min
 Lab File: VL036634.D
 Acq: 1 Apr 2021 16:06

Tgt Ion: 42 Resp: 630378
 Ion Ratio Lower Upper
 42 100
 72 0.0 27.6 41.4#
 71 0.0 27.0 40.4#





#42

Bromodichloromethane

Concen: 44.361 ppbv

RT: 7.84 min Scan# 1573

Delta R.T. 0.05 min

Lab File: VL036634.D

Acq: 1 Apr 2021 16:06

Instrument :

MSVOA_L

ClientSampled :

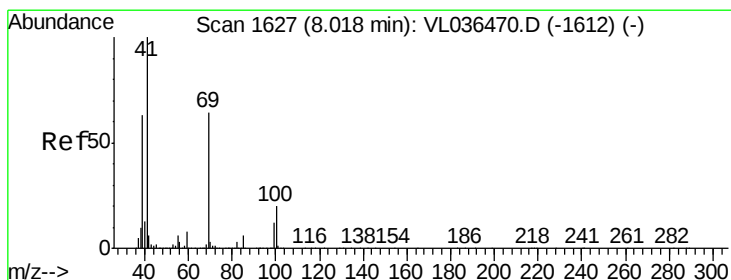
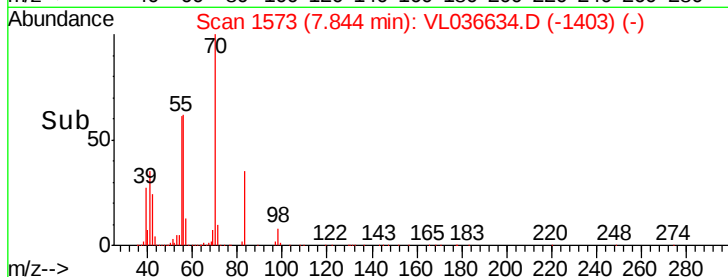
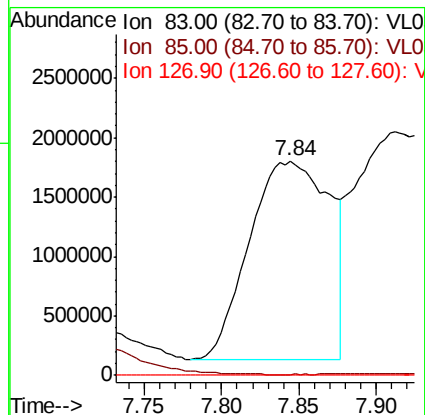
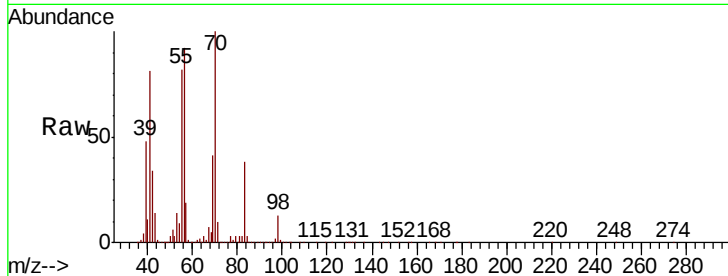
Tot Ion: 83 Resp: 6043055

Ion Ratio Lower Upper

83 100

85 0.0 51.8 77.6#

127 0.0 5.8 8.8#



#43

Methyl Methacrylate

Concen: 10.069 ppbv

RT: 8.04 min Scan# 1635

Delta R.T. 0.03 min

Lab File: VL036634.D

Acq: 1 Apr 2021 16:06

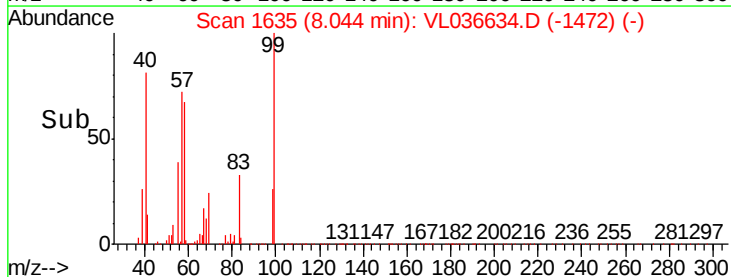
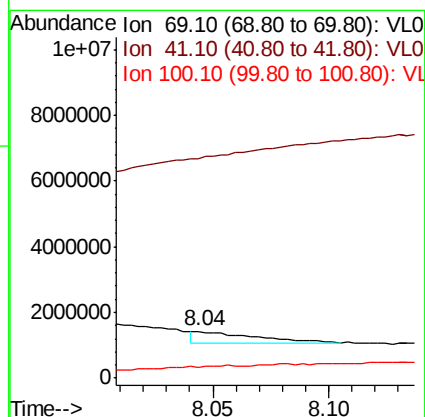
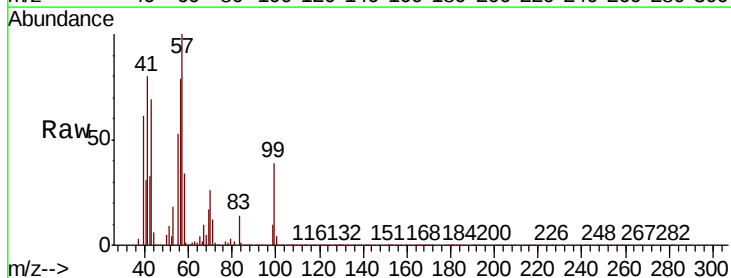
Tgt Ion: 69 Resp: 575305

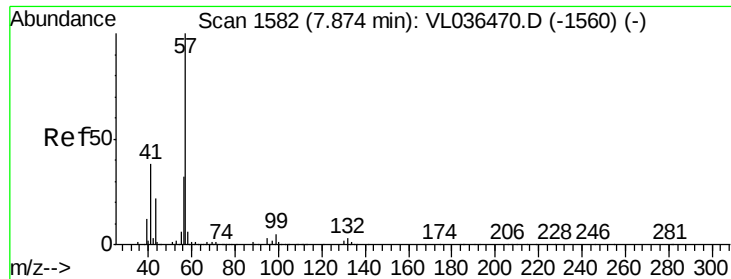
Ion Ratio Lower Upper

69 100

41 0.0 126.8 190.2#

100 810.8 24.9 37.3#

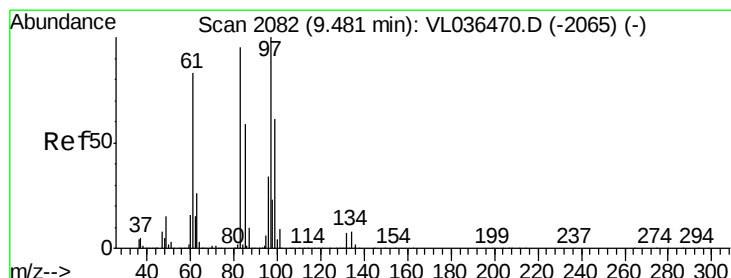
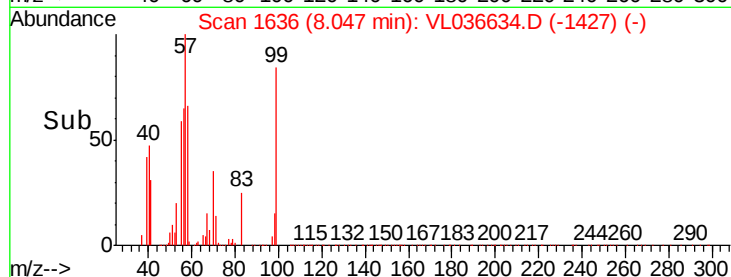
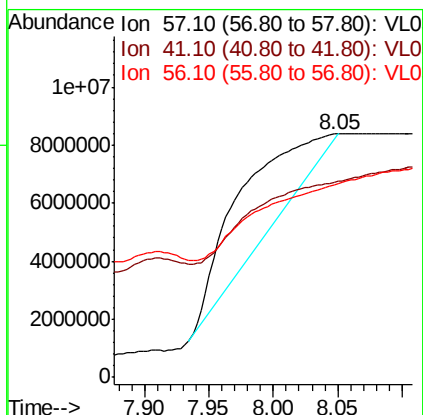
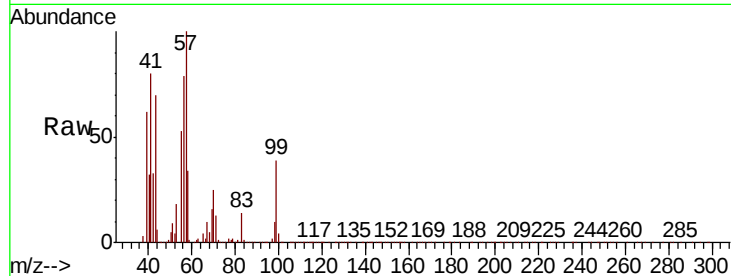




#44
 2,2,4-Trimethylpentane
 Concen: 39.813 ppbv
 RT: 8.05 min Scan# 1636
 Delta R.T. 0.17 min
 Lab File: VL036634.D
 Acq: 1 Apr 2021 16:06

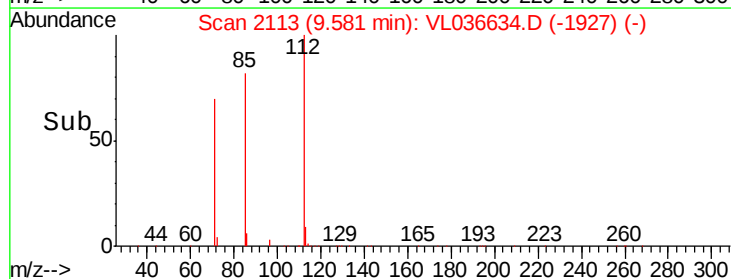
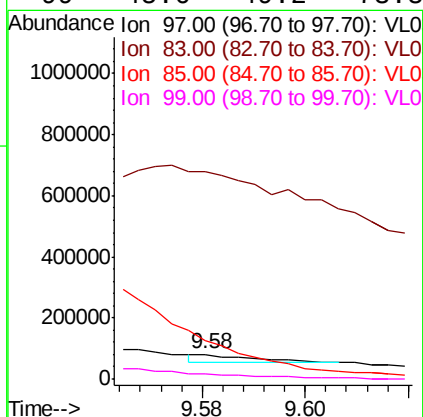
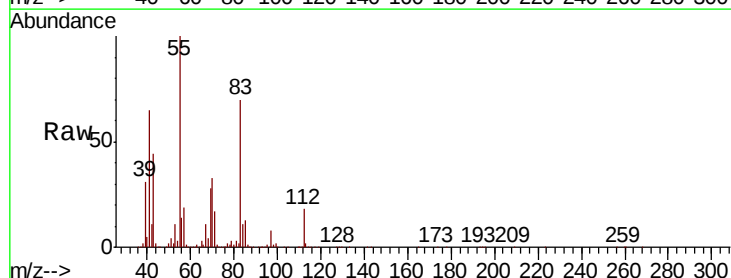
Instrument :
 MSVOA_L
 ClientSampled :

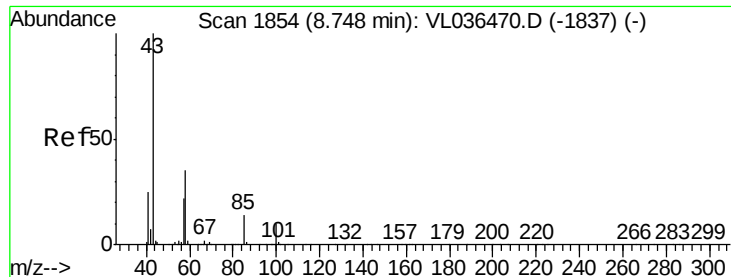
Tot Ion: 57 Resp:11923090
 Ion Ratio Lower Upper
 57 100
 41 61.6 28.8 43.2#
 56 69.0 26.1 39.1#



#47
 1,1,2-Trichloroethane
 Concen: 0.286 ppbv
 RT: 9.58 min Scan# 2113
 Delta R.T. 0.10 min
 Lab File: VL036634.D
 Acq: 1 Apr 2021 16:06

Tgt Ion: 97 Resp: 20017
 Ion Ratio Lower Upper
 97 100
 83 455.0 75.8 113.8#
 85 364.8 47.1 70.7#
 99 45.6 49.2 73.8#

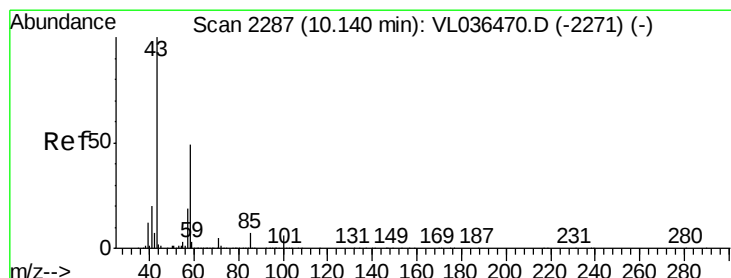
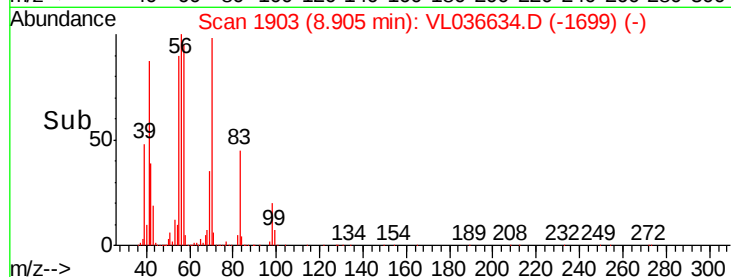
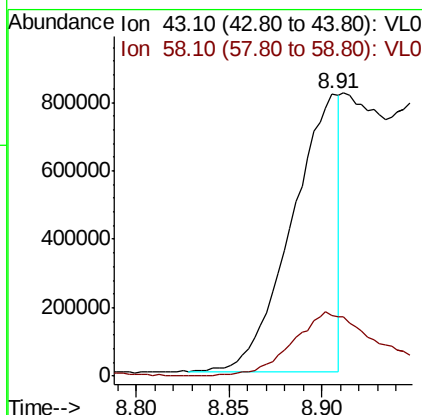
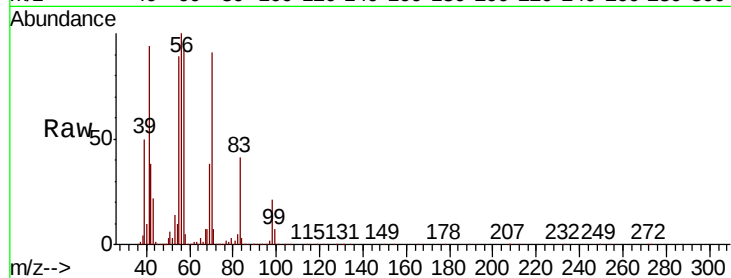




#50
4-Methyl-2-Pentanone
Concen: 10.963 ppbv
RT: 8.91 min Scan# 1903
Delta R.T. 0.16 min
Lab File: VL036634.D
Acq: 1 Apr 2021 16:06

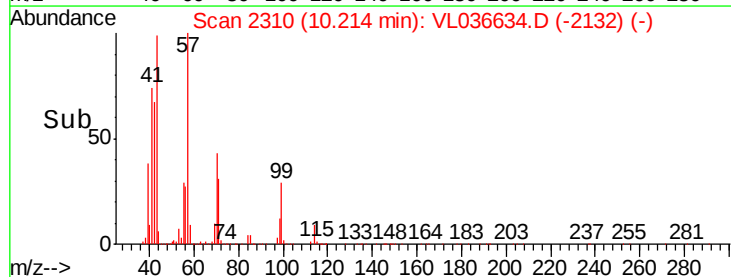
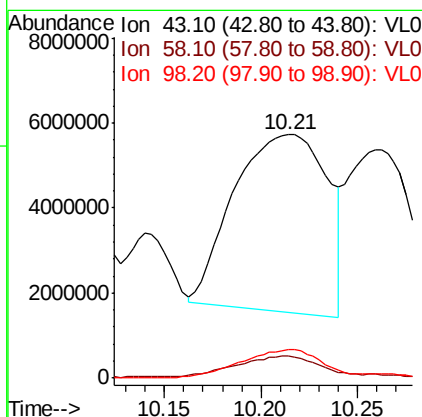
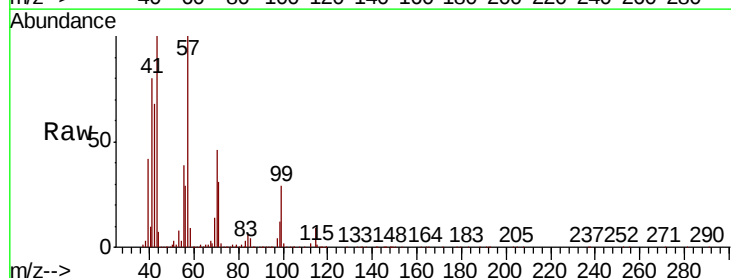
Instrument :
MSVOA_L
ClientSampleID :

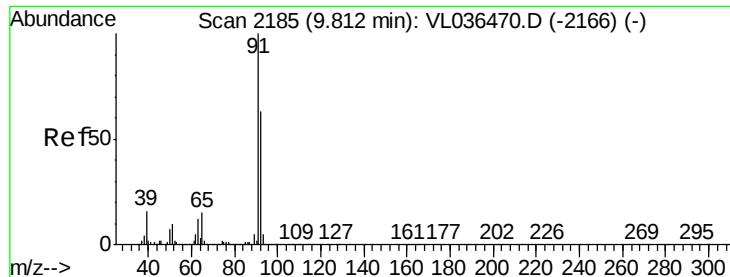
Tot Ion: 43 Resp: 1428571
Ion Ratio Lower Upper
43 100
58 43.8 28.2 42.2#



#51
2-Hexanone
Concen: 212.519 ppbv
RT: 10.21 min Scan# 2310
Delta R.T. 0.07 min
Lab File: VL036634.D
Acq: 1 Apr 2021 16:06

Tgt Ion: 43 Resp: 13975444
Ion Ratio Lower Upper
43 100
58 11.9 37.7 56.5#
98 15.1 0.2 0.2#





#53

Toluene

Concen: 0.140 ppbv

RT: 9.82 min Scan# 2189

Delta R.T. 0.01 min

Lab File: VL036634.D

Acq: 1 Apr 2021 16:06

Instrument :

MSVOA_L

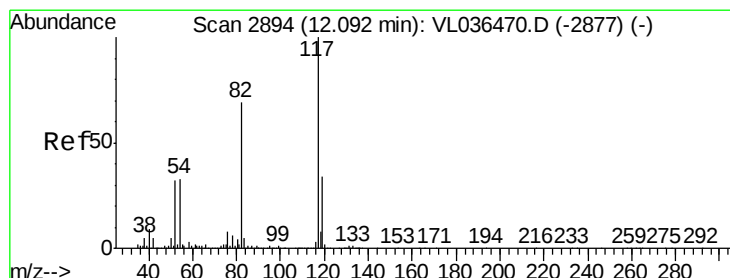
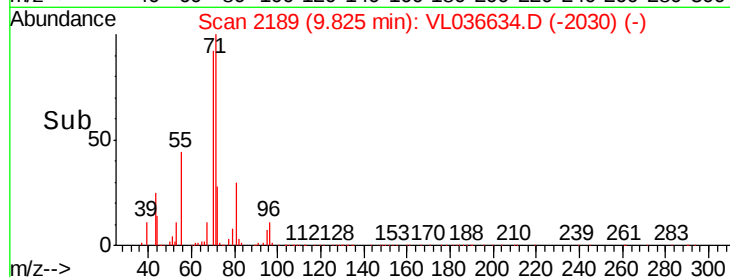
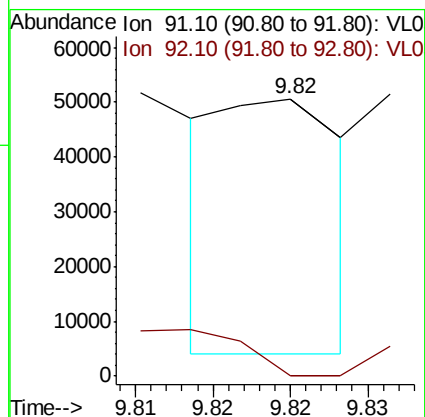
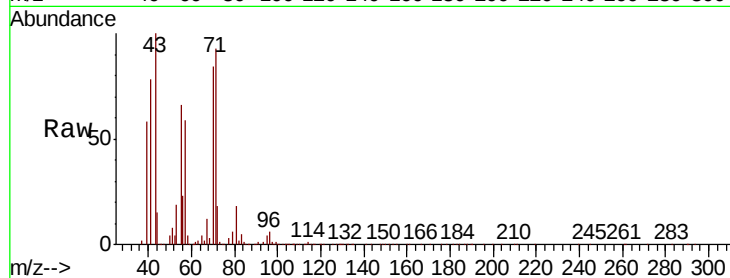
ClientSampleId :

Tot Ion: 91 Resp: 25314

Ion Ratio Lower Upper

91 100

92 56.8 48.8 73.2



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.17 min Scan# 2917

Delta R.T. 0.07 min

Lab File: VL036634.D

Acq: 1 Apr 2021 16:06

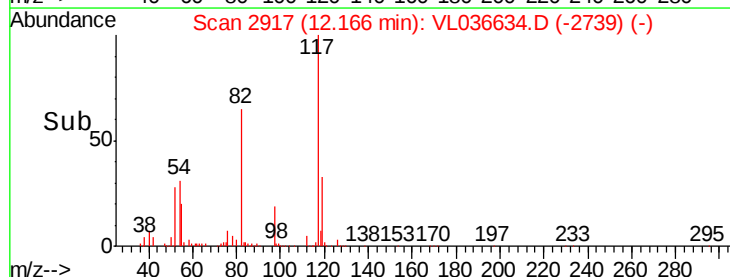
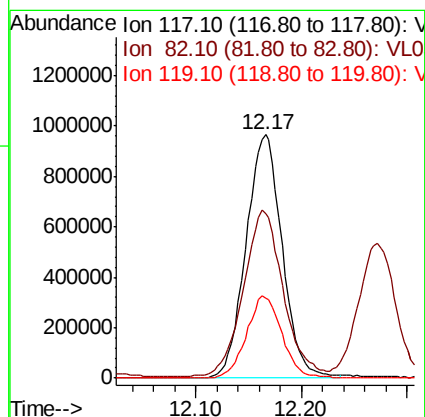
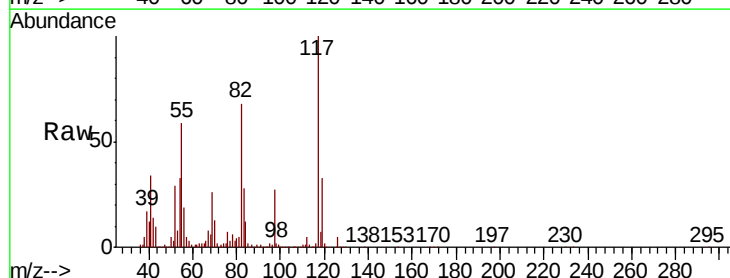
Tgt Ion: 117 Resp: 2305536

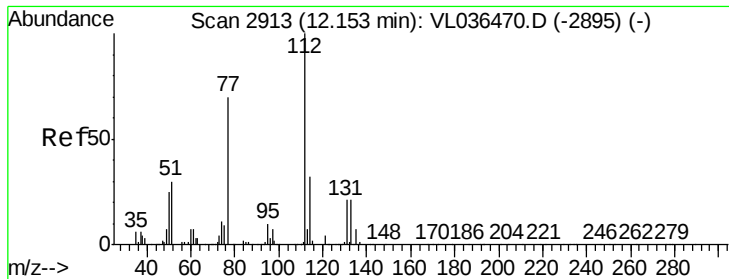
Ion Ratio Lower Upper

117 100

82 75.7 57.4 86.0

119 33.4 47.4 71.0#





#57

Chlorobenzene

Concen: 0.193 ppbv

RT: 12.19 min Scan# 2926

Delta R.T. 0.04 min

Lab File: VL036634.D

Acq: 1 Apr 2021 16:06

Instrument :

MSVOA_L

ClientSampleId :

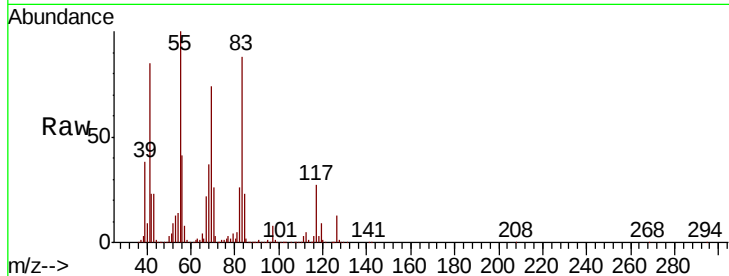
Tot Ion:112 Resp: 37886

Ion Ratio Lower Upper

112 100

77 84.0 56.0 84.0#

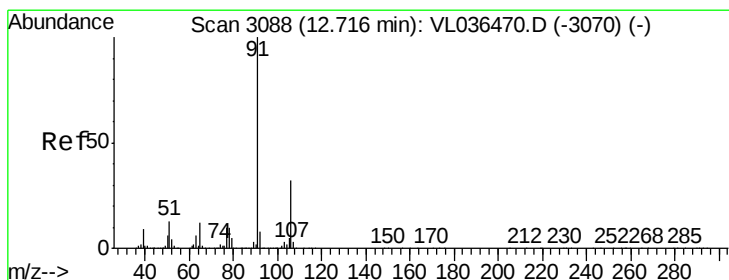
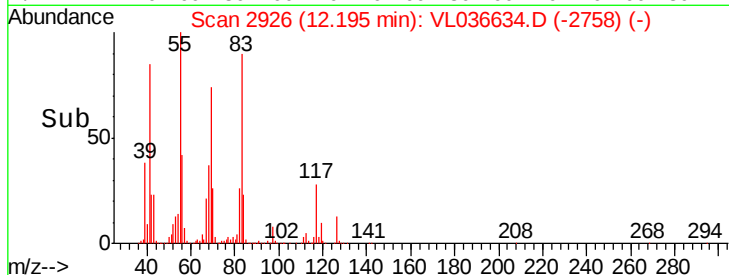
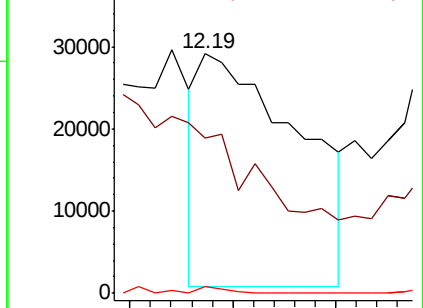
114 7.3 29.0 35.4#



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: 6.328 ppbv

RT: 12.78 min Scan# 3109

Delta R.T. 0.07 min

Lab File: VL036634.D

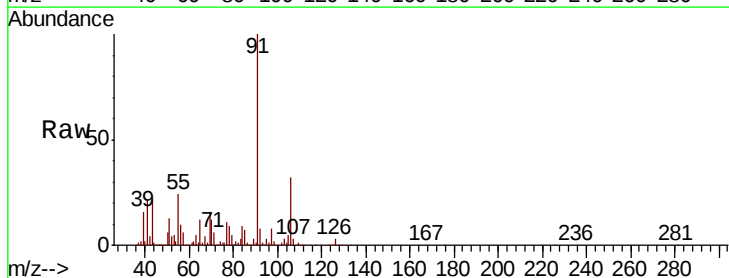
Acq: 1 Apr 2021 16:06

Tgt Ion: 91 Resp: 2122703

Ion Ratio Lower Upper

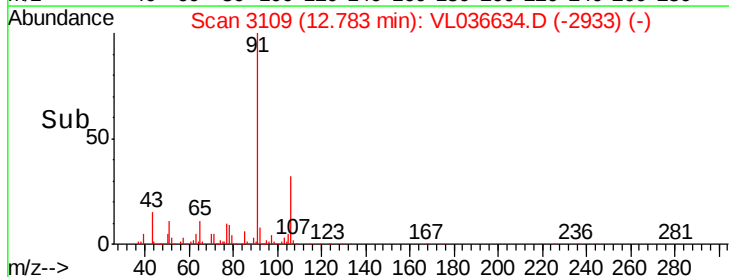
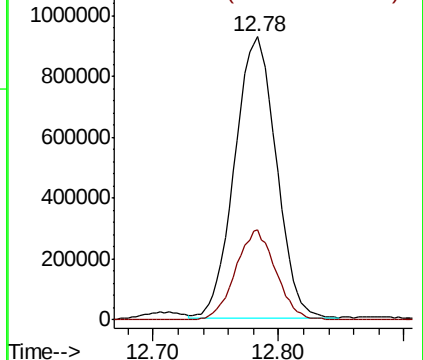
91 100

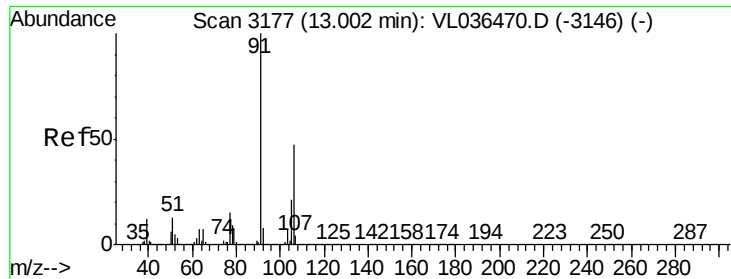
106 31.7 25.3 37.9



Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 106.10 (105.80 to 106.80): V

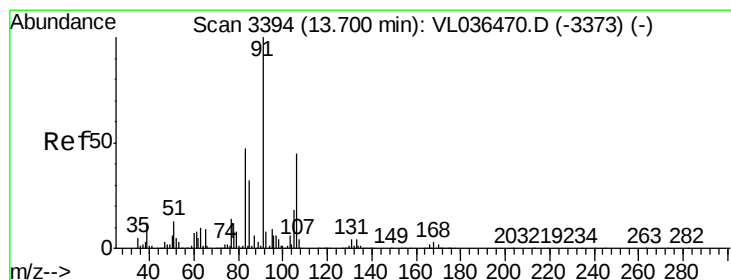
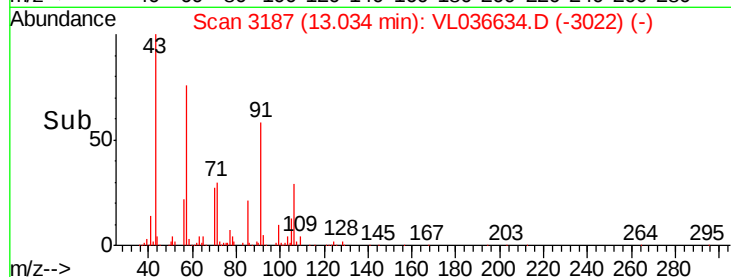
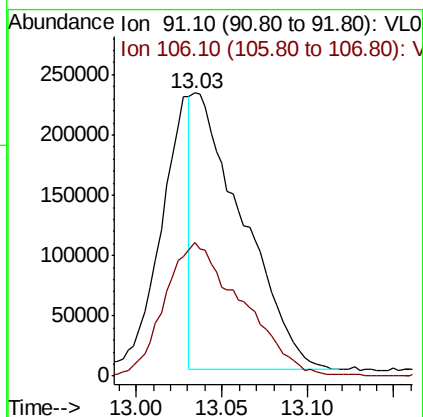
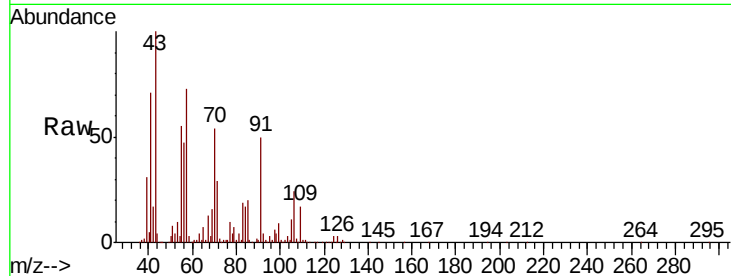




#59
m/p-Xylene
Concen: 1.596 ppbv
RT: 13.03 min Scan# 3187
Delta R.T. 0.03 min
Lab File: VL036634.D
Acq: 1 Apr 2021 16:06

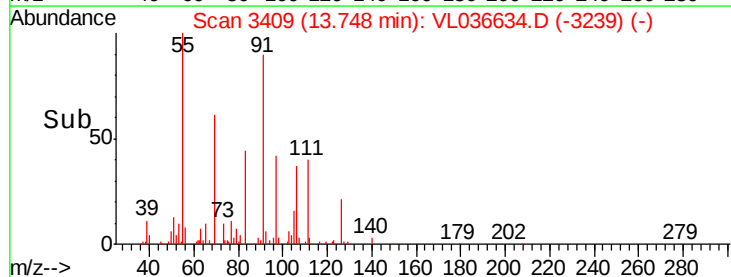
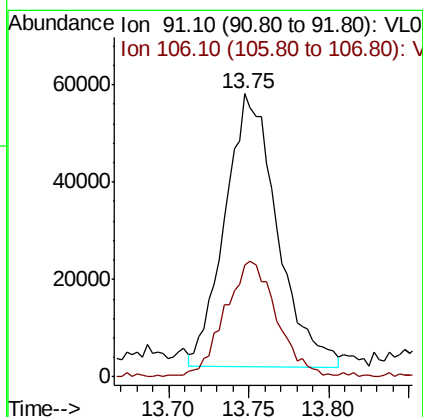
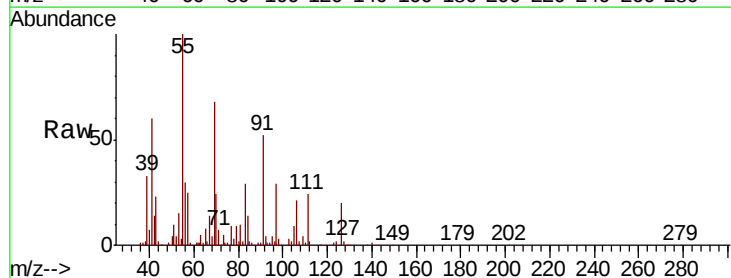
Instrument :
MSVOA_L
ClientSampleId :

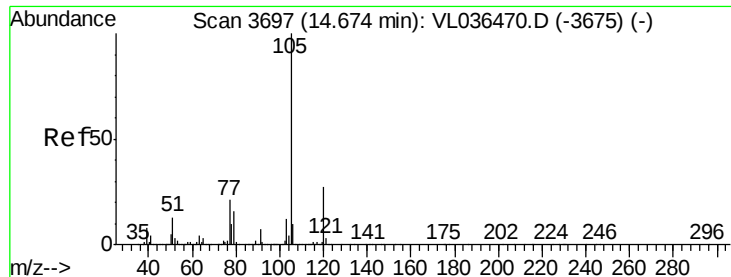
Tot Ion: 91 Resp: 466845
Ion Ratio Lower Upper
91 100
106 74.4 35.3 52.9#



#60
o-Xylene
Concen: 0.443 ppbv
RT: 13.75 min Scan# 3409
Delta R.T. 0.05 min
Lab File: VL036634.D
Acq: 1 Apr 2021 16:06

Tgt Ion: 91 Resp: 125293
Ion Ratio Lower Upper
91 100
106 42.7 22.3 66.9





#62

Isopropylbenzene

Concen: 1.836 ppbv

RT: 14.72 min Scan# 3710

Delta R.T. 0.04 min

Lab File: VL036634.D

Acq: 1 Apr 2021 16:06

Instrument :

MSVOA_L

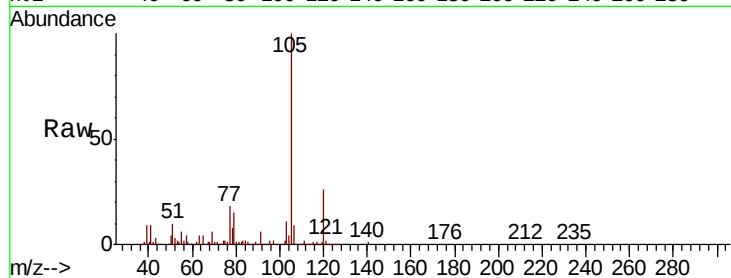
ClientSampleId :

Tot Ion:105 Resp: 699597

Ion Ratio Lower Upper

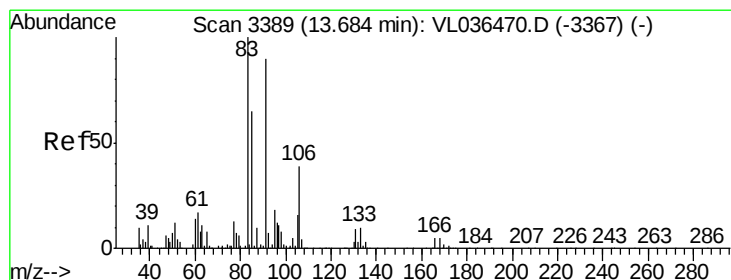
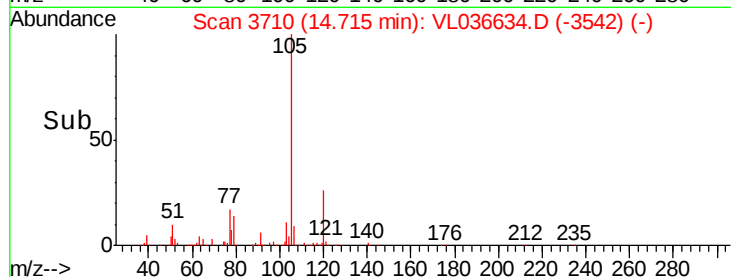
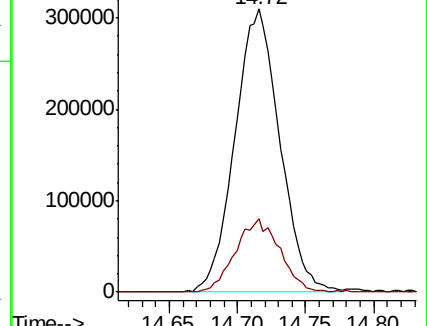
105 100

120 26.3 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: 0.084 ppbv

RT: 13.74 min Scan# 3408

Delta R.T. 0.06 min

Lab File: VL036634.D

Acq: 1 Apr 2021 16:06

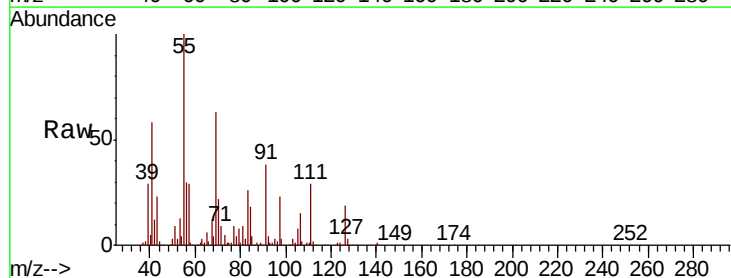
Tgt Ion: 83 Resp: 18112

Ion Ratio Lower Upper

83 100

131 0.0 4.7 14.0#

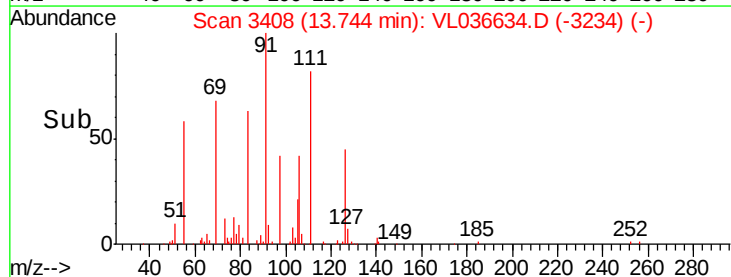
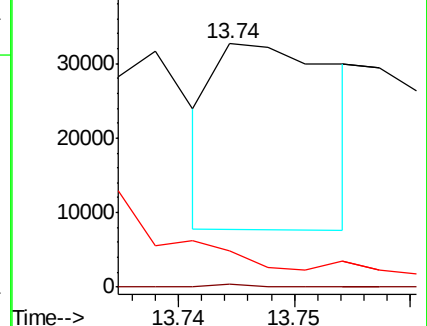
85 0.0 33.1 99.3#

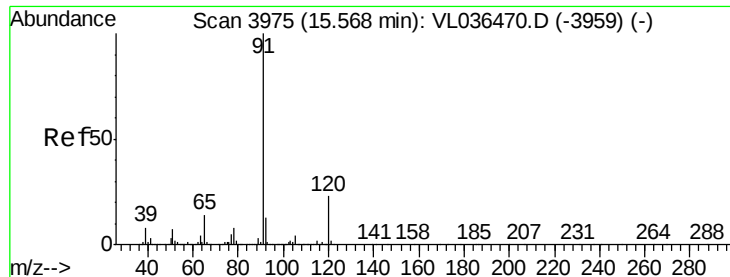


Abundance Ion 83.00 (82.70 to 83.70): VL0

Ion 131.00 (130.70 to 131.70): V

Ion 85.00 (84.70 to 85.70): VL0





#64

n-propylbenzene

Concen: 0.714 ppbv

RT: 15.60 min Scan# 3984

Delta R.T. 0.03 min

Lab File: VL036634.D

Acq: 1 Apr 2021 16:06

Instrument :

MSVOA_L

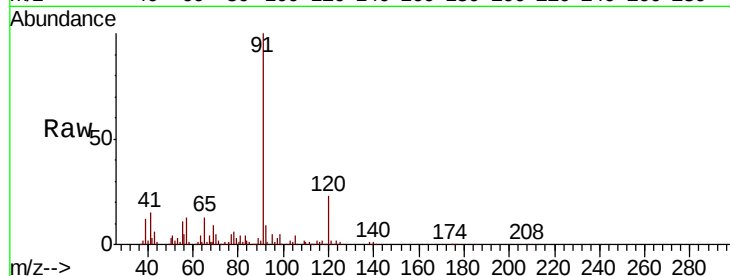
ClientSampleId :

Tot Ion:120 Resp: 66474

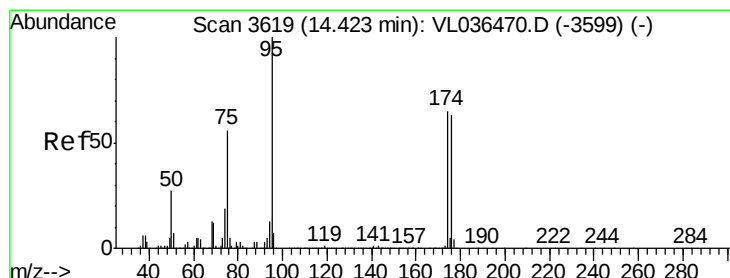
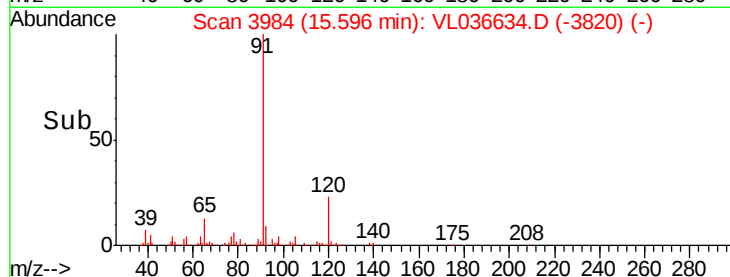
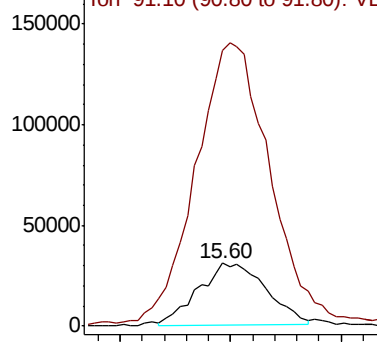
Ion Ratio Lower Upper

120 100

91 498.4 377.4 566.2



Abundance Ion 120.20 (119.90 to 120.90): VL0



#68

1-Bromo-4-Fluorobenzene

Concen: 10.518 ppbv

RT: 14.46 min Scan# 3632

Delta R.T. 0.04 min

Lab File: VL036634.D

Acq: 1 Apr 2021 16:06

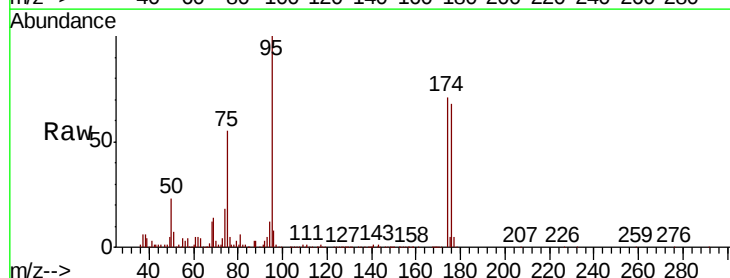
Tgt Ion: 95 Resp: 1932692

Ion Ratio Lower Upper

95 100

174 71.1 51.0 76.6

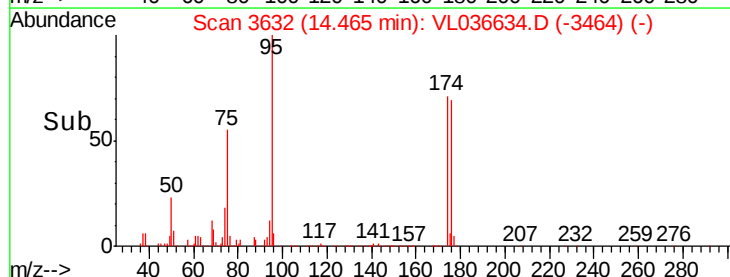
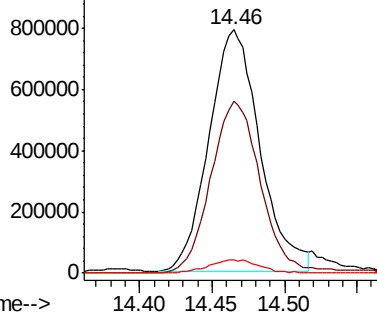
175 5.5 3.9 5.9

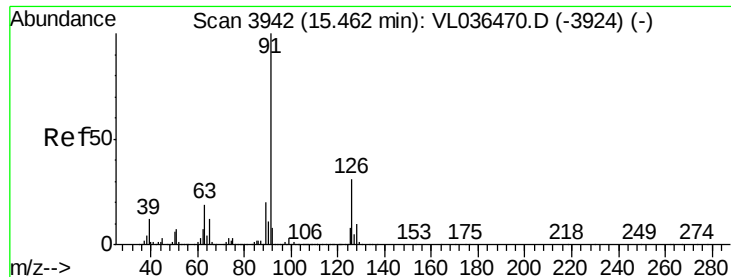


Abundance Ion 95.10 (94.80 to 95.80): VL0

Ion 174.00 (173.70 to 174.70): VL0

Ion 175.00 (174.70 to 175.70): VL0





#71
 2-Chlorotoluene
 Concen: 0.031 ppbv
 RT: 15.36 min Scan# 3911
 Delta R.T. -0.10 min
 Lab File: VL036634.D
 Acq: 1 Apr 2021 16:06

Instrument :
 MSVOA_L
 ClientSampleId :

Tot Ion: 91 Resp: 8764
 Ion Ratio Lower Upper
 91 100
 126 33.7 12.1 48.5

