

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL030121\
 Data File : VL036418.D
 Acq On : 1 Mar 2021 17:14
 Operator : SY/AP
 Sample : M1458-13 0.45LOD
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Mar 02 02:41:51 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL021021AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Feb 10 16:04:02 2021
 QLast Update : Wed Feb 10 16:04:02 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.68	49	1724852	10.00	ppbv	0.04
33) 1,4-Difluorobenzene	7.20	114	3737508	10.00	ppbv	0.04
55) Chlorobenzene-d5	12.11	117	3386991	10.00	ppbv	0.05

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.44	95	2732930	9.81	ppbv	0.05
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.10%

Target Compounds					Ovalue
2) Dichlorodifluoromethane	3.06	85	148452	0.577	ppbv 97
3) Chlorodifluoromethane	3.00	51	107971	0.504	ppbv 100
4) Chloromethane	3.15	50	52796	0.510	ppbv 95
5) Vinyl Chloride	3.27	62	43806	0.454	ppbv 95
6) Bromomethane	3.48	94	12769	0.223	ppbv # 79
7) Chloroethane	3.57	64	8094	0.236	ppbv 91
8) Dichlorotetrafluoroethane	3.20	85	122237	0.522	ppbv 98
9) Propene	3.02	41	43637	0.546	ppbv 97
10) Heptane	8.14	43	89474	0.380	ppbv 93
11) Trichlorofluoromethane	3.96	101	128124	0.508	ppbv 86
12) 1,1,2-Trichlorotrifluoroet	4.50	101	80112	0.513	ppbv 95
13) Ethanol	3.63	45	4992	0.333	ppbv # 32
14) Bromoethene	3.75	108	19250	0.295	ppbv # 58
15) Acetone	3.87	43	44538	0.211	ppbv # 50
16) 1,3-Butadiene	3.34	39	39642	0.393	ppbv 97
17) tert-Butyl alcohol	4.32	59	36184	0.221	ppbv # 71
18) 1,1-Dichloroethene	4.30	96	31117	0.439	ppbv # 77
20) Methylene Chloride	4.36	84	31889	0.469	ppbv # 77
21) Allvl Chloride	4.43	41	44965	0.383	ppbv 93
22) trans-1,2-Dichloroethene	4.90	96	16687	0.259	ppbv 90
23) Vinyl Acetate	5.10	43	52912	0.213	ppbv # 92
24) 1,1-Dichloroethane	5.02	63	50498	0.275	ppbv 97
25) Ethyl Acetate	5.71	43	151677	0.373	ppbv # 93
26) Hexane	5.70	57	65399	0.391	ppbv # 81
27) Carbon Disulfide	4.57	76	59198	0.385	ppbv 97
28) Methyl tert-Butyl Ether	5.07	73	82277	0.377	ppbv 96
29) Chloroform	5.77	83	77879	0.289	ppbv 92
30) Cyclohexane	7.16	84	14282	0.103	ppbv # 1
31) cis-1,2-Dichloroethene	5.56	61	52581	0.318	ppbv # 93
32) 1,1,1-Trichloroethane	6.53	97	111857	0.444	ppbv 94
34) 2-Butanone	5.27	43	87719	0.353	ppbv 93
35) Carbon Tetrachloride	7.04	117	112250	0.448	ppbv # 83
36) Benzene	6.91	78	130141	0.410	ppbv 93
37) 1,2-Dichloroethane	6.32	62	90418	0.461	ppbv 98
38) Trichloroethene	7.86	130	47458	0.417	ppbv # 87
39) 1,2-Dichloropropane	7.64	63	62086	0.481	ppbv # 86
41) Tetrahydrofuran	6.09	42	17622	0.127	ppbv # 39
42) Bromodichloromethane	7.81	83	117879	0.448	ppbv 98
43) Methyl Methacrylate	8.04	69	39658	0.296	ppbv # 78
44) 2,2,4-Trimethylpentane	7.89	57	256174	0.444	ppbv 94
45) t-1,3-Dichloropropene	9.30	75	20722	0.160	ppbv 96

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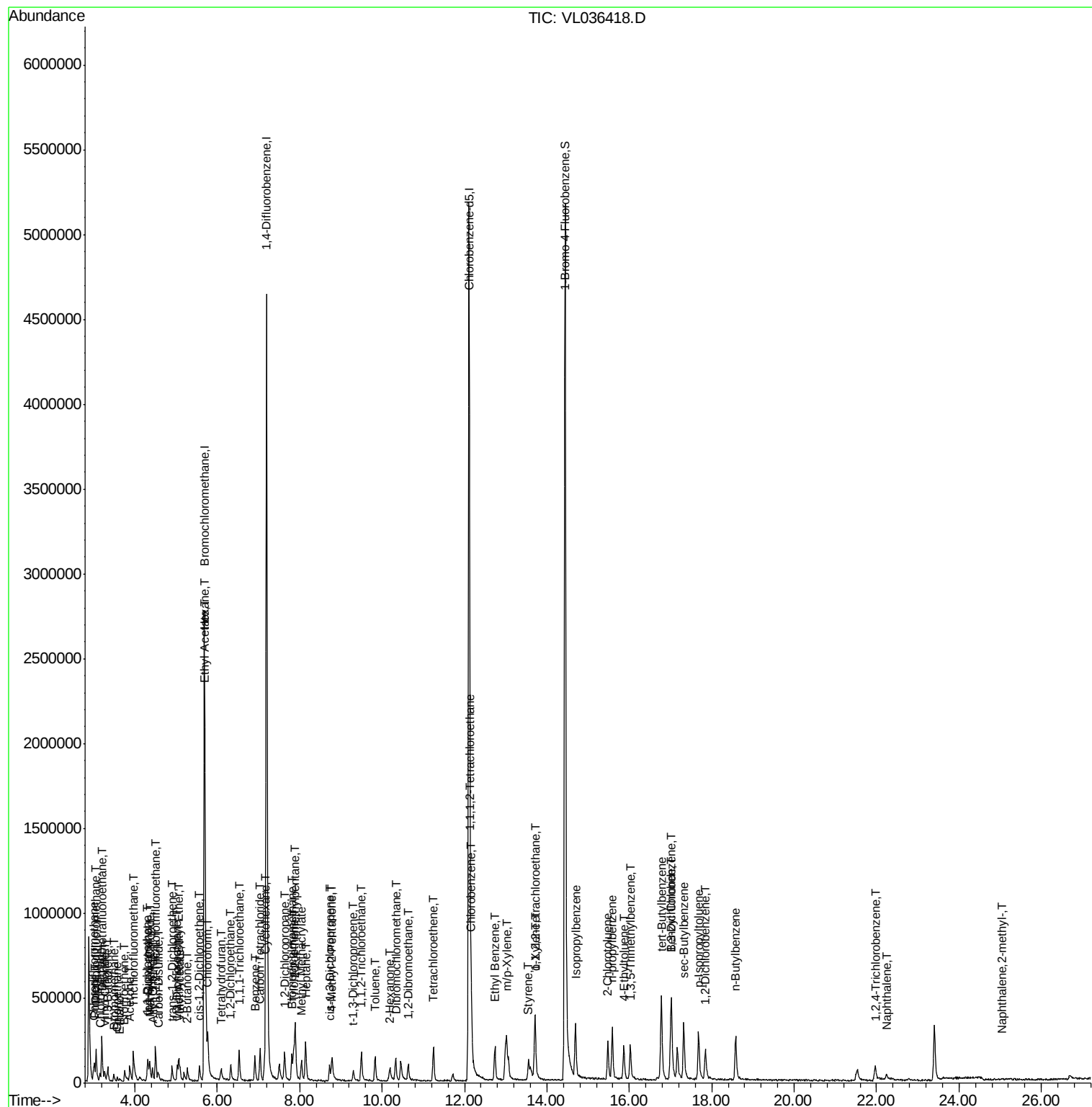
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.72	75	49026	0.299	ppbv	89
47) 1,1,2-Trichloroethane	9.49	97	59248	0.449	ppbv	90
48) Dibromochloromethane	10.33	129	30524	0.155	ppbv #	10
50) 4-Methyl-2-Pentanone	8.78	43	54766	0.149	ppbv #	40
51) 2-Hexanone	10.18	43	50758	0.181	ppbv #	29
52) Tetrachloroethene	11.25	164	26086	0.224	ppbv	91
53) Toluene	9.83	91	119409	0.347	ppbv	100
54) 1,2-Dibromoethane	10.64	107	79508	0.417	ppbv	93
56) 1,1,1,2-Tetrachloroethane	12.15	131	78016	0.501	ppbv #	1
57) Chlorobenzene	12.17	112	54283	0.207	ppbv	98
58) Ethyl Benzene	12.74	91	167902	0.362	ppbv	93
59) m/p-Xylene	13.01	91	194624	0.478	ppbv #	33
60) o-Xylene	13.72	91	172794	0.444	ppbv	98
61) Styrene	13.55	104	68787	0.285	ppbv	94
62) Isopropylbenzene	14.69	105	261219	0.447	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.71	83	62194	0.202	ppbv #	24
64) n-propylbenzene	15.58	120	40563	0.282	ppbv #	1
65) tert-Butylbenzene	16.77	119	208076	0.417	ppbv	89
66) Benzyl Chloride	17.03	91	13887	0.102	ppbv #	68
67) sec-Butylbenzene	17.32	105	294125	0.408	ppbv	97
69) p-Isopropyltoluene	17.69	119	211128	0.379	ppbv	95
70) n-Butylbenzene	18.58	91	226763	0.380	ppbv	94
71) 2-Chlorotoluene	15.48	91	178880	0.400	ppbv	99
72) 4-Ethyltoluene	15.87	105	149644	0.345	ppbv #	93
73) 1,3,5-Trimethylbenzene	16.03	105	49929	0.119	ppbv	90
75) 1,3-Dichlorobenzene	17.02	146	108199	0.465	ppbv	91
77) 1,2-Dichlorobenzene	17.86	146	30413	0.132	ppbv #	1
79) Naphthalene	22.25	128	11746	0.046	ppbv #	81
80) Naphthalene, 2-methyl-	25.05	142	2488	0.053	ppbv #	32
81) 1,2,4-Trichlorobenzene	21.99	180	7064	0.046	ppbv #	10

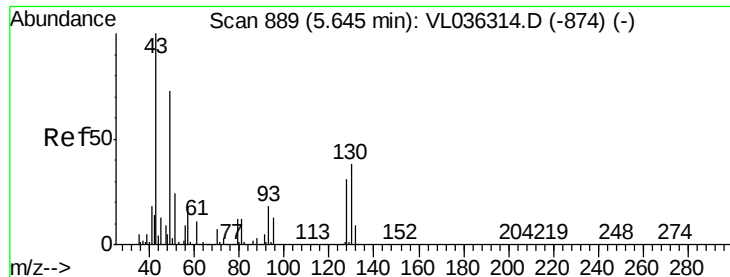
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.68 min Scan# 901

Delta R.T. 0.04 min

Lab File: VL036418.D

Acq: 1 Mar 2021 17:14

Instrument :
MSVOA_L
ClientSampled :

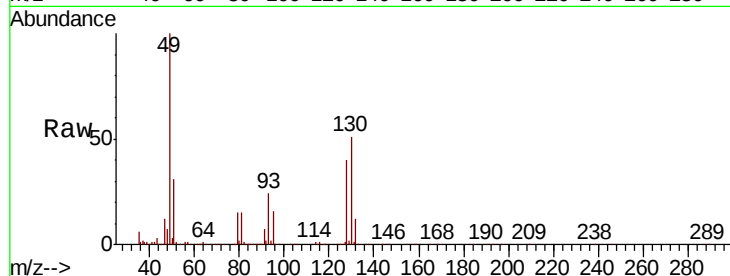
Tot Ion: 49 Resp: 1724852

Ion Ratio Lower Upper

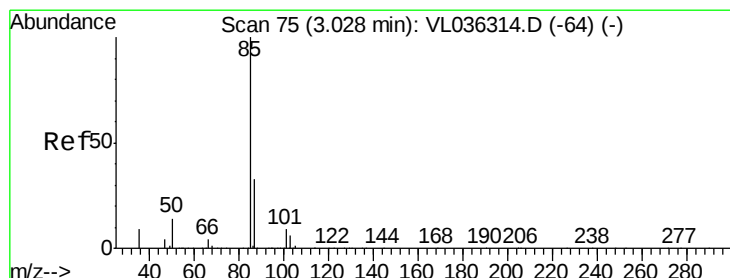
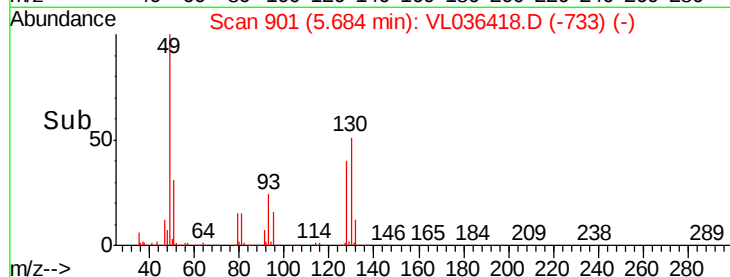
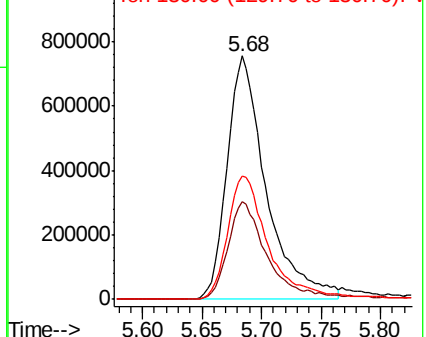
49 100

128 40.8 20.8 62.5

130 54.1 26.7 80.1



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: 0.577 ppbv

RT: 3.06 min Scan# 84

Delta R.T. 0.03 min

Lab File: VL036418.D

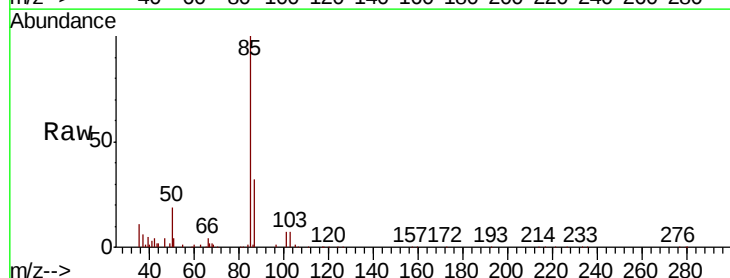
Acq: 1 Mar 2021 17:14

Tgt Ion: 85 Resp: 148452

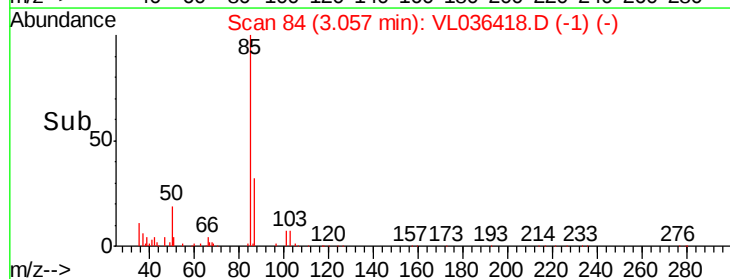
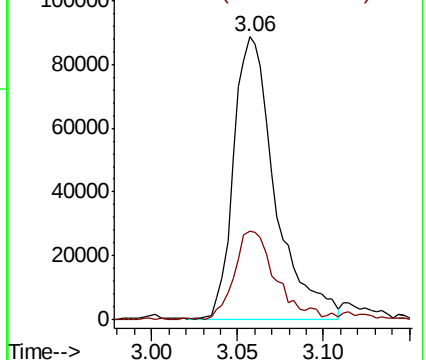
Ion Ratio Lower Upper

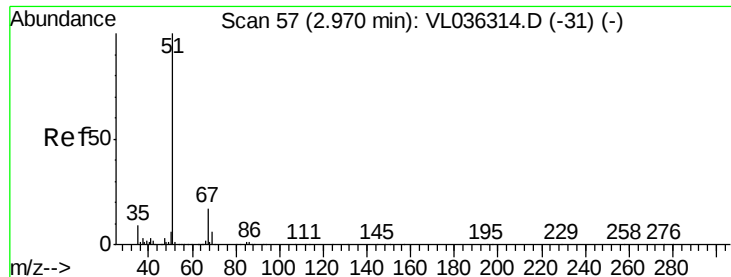
85 100

87 31.1 26.5 39.7



Abundance Ion 85.00 (84.70 to 85.70): VL0
Ion 87.00 (86.70 to 87.70): VL0

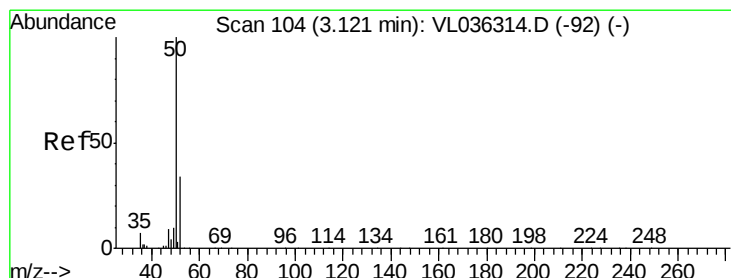
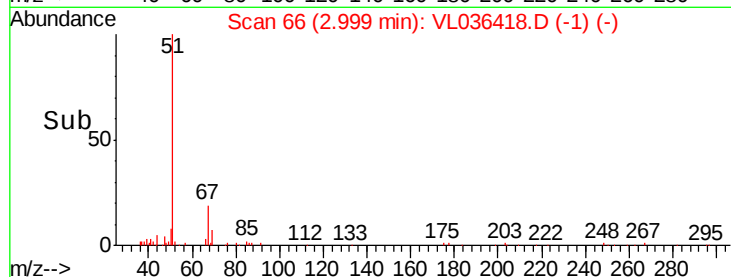
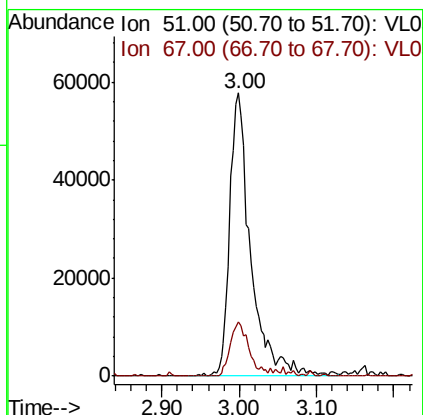
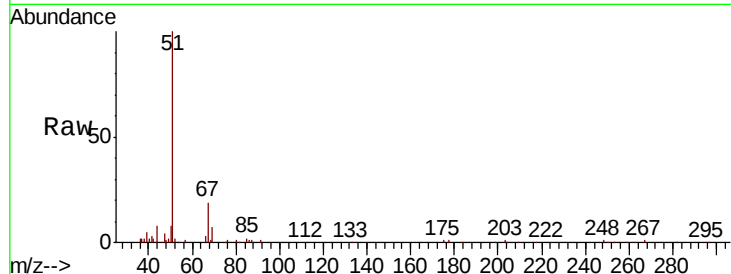




#3
Chlorodifluoromethane
Concen: 0.504 ppbv
RT: 3.00 min Scan# 66
Delta R.T. 0.03 min
Lab File: VL036418.D
Acq: 1 Mar 2021 17:14

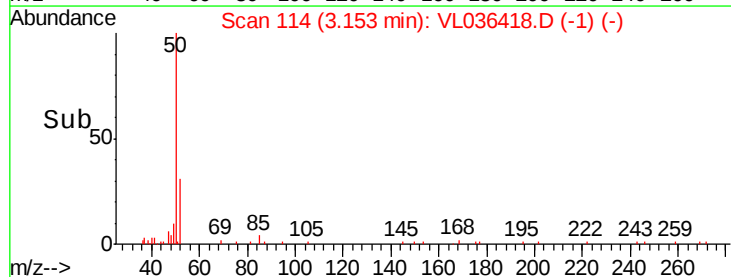
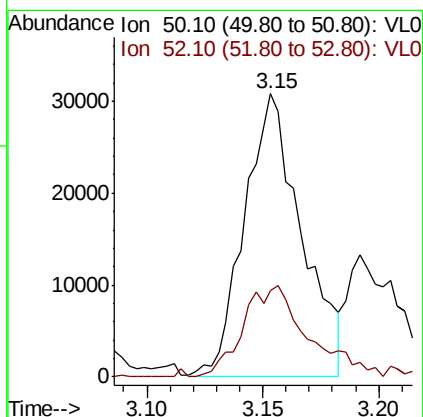
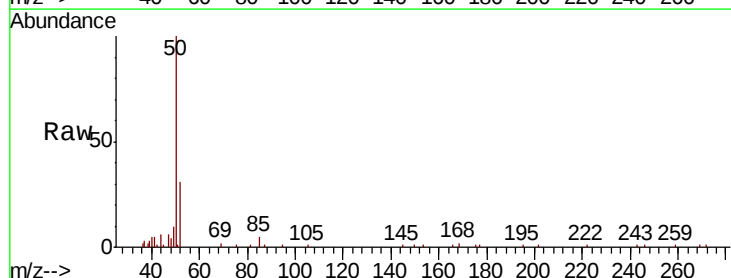
Instrument :
MSVOA_L
ClientSampleId :

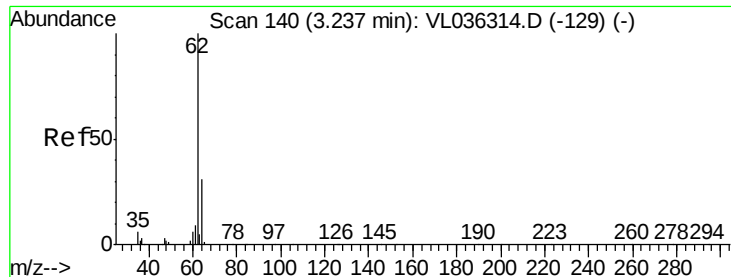
Tot Ion: 51 Resp: 107971
Ion Ratio Lower Upper
51 100
67 18.2 14.7 22.1



#4
Chloromethane
Concen: 0.510 ppbv
RT: 3.15 min Scan# 114
Delta R.T. 0.03 min
Lab File: VL036418.D
Acq: 1 Mar 2021 17:14

Tgt Ion: 50 Resp: 52796
Ion Ratio Lower Upper
50 100
52 30.8 27.0 40.4





#5

Vinyl Chloride

Concen: 0.454 ppbv

RT: 3.27 min Scan# 151

Delta R.T. 0.04 min

Lab File: VL036418.D

Acq: 1 Mar 2021 17:14

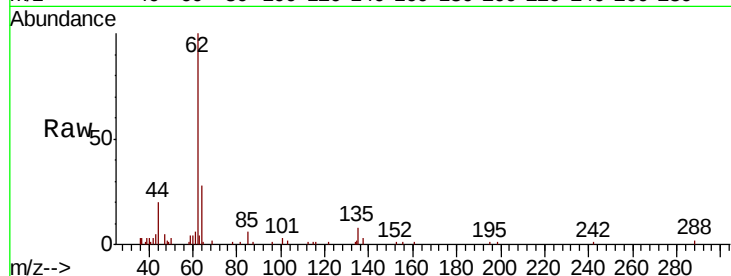
Instrument :
MSVOA_L
ClientSampled :

Tot Ion: 62 Resp: 43806

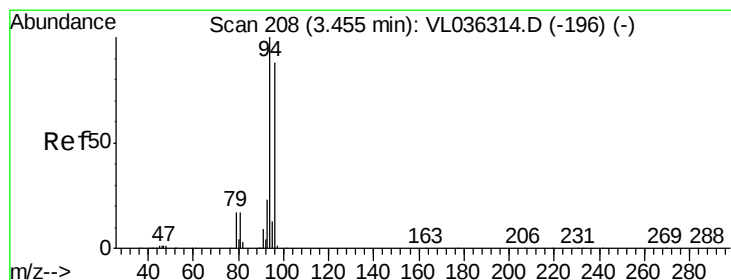
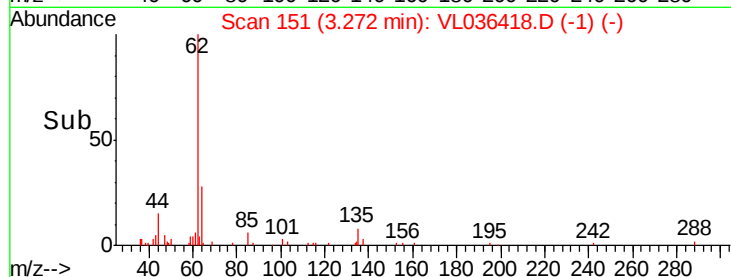
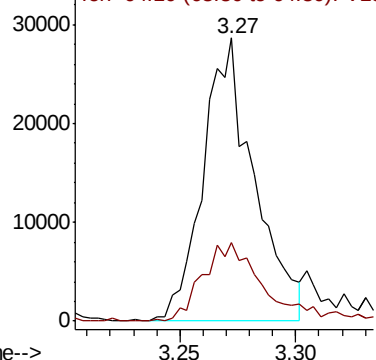
Ion Ratio Lower Upper

62 100

64 27.8 24.4 36.6



Abundance Ion 62.10 (61.80 to 62.80): VL0
Ion 64.10 (63.80 to 64.80): VL0



#6

Bromomethane

Concen: 0.223 ppbv

RT: 3.48 min Scan# 217

Delta R.T. 0.03 min

Lab File: VL036418.D

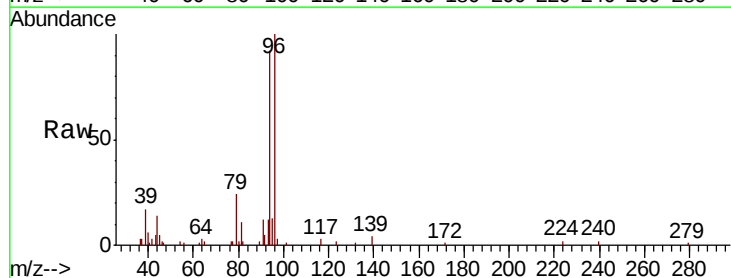
Acq: 1 Mar 2021 17:14

Tgt Ion: 94 Resp: 12769

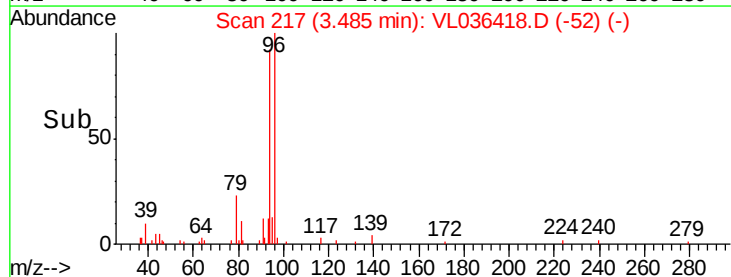
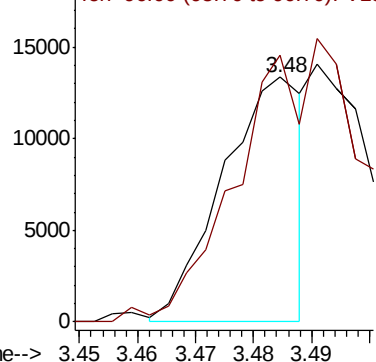
Ion Ratio Lower Upper

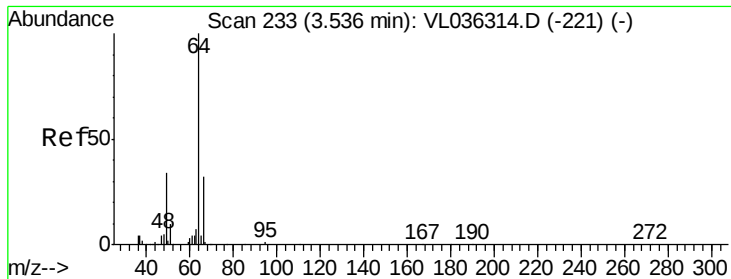
94 100

96 108.1 70.8 106.2#



Abundance Ion 94.00 (93.70 to 94.70): VL0
Ion 96.00 (95.70 to 96.70): VL0





#7

Chloroethane

Concen: 0.236 ppbv

RT: 3.57 min Scan# 243

Delta R.T. 0.03 min

Lab File: VL036418.D

Acq: 1 Mar 2021 17:14

Instrument :

MSVOA_L

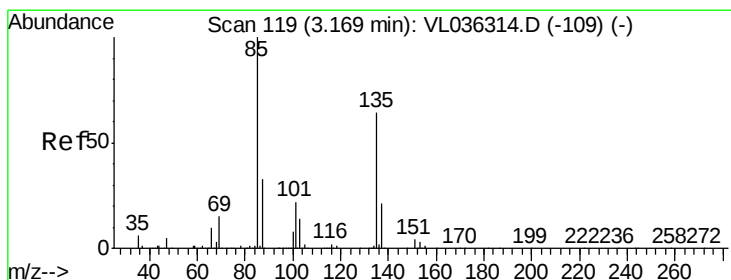
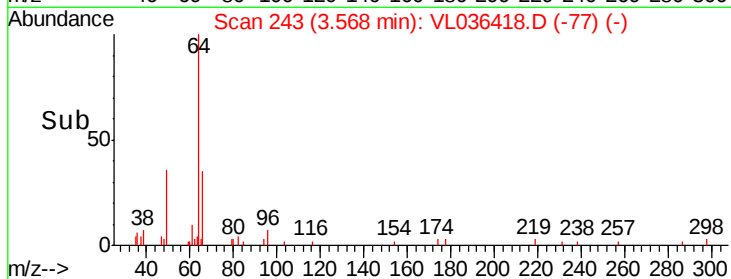
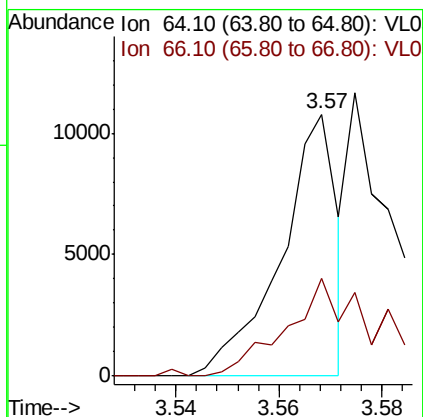
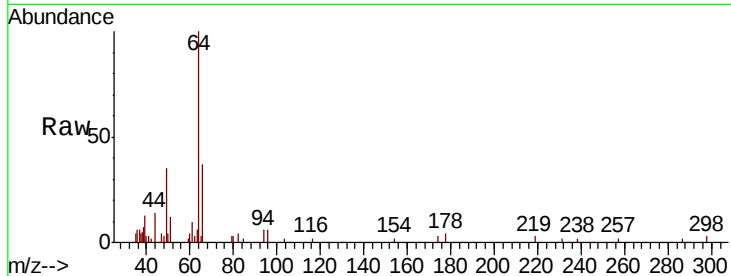
ClientSampleId :

Tot Ion: 64 Resp: 8094

Ion Ratio Lower Upper

64 100

66 37.1 25.6 38.4



#8

Dichlorotetrafluoroethane

Concen: 0.522 ppbv

RT: 3.20 min Scan# 128

Delta R.T. 0.03 min

Lab File: VL036418.D

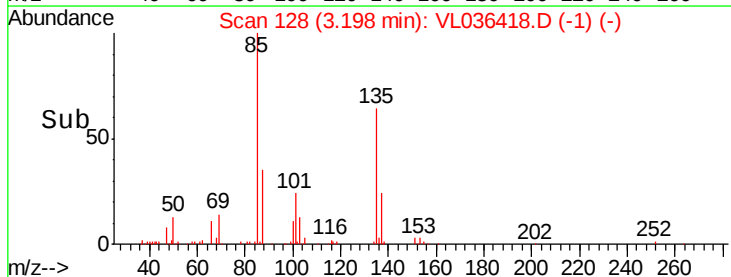
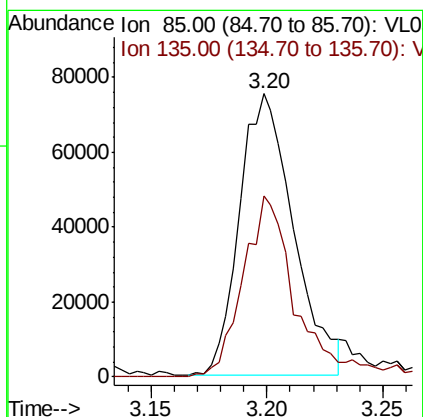
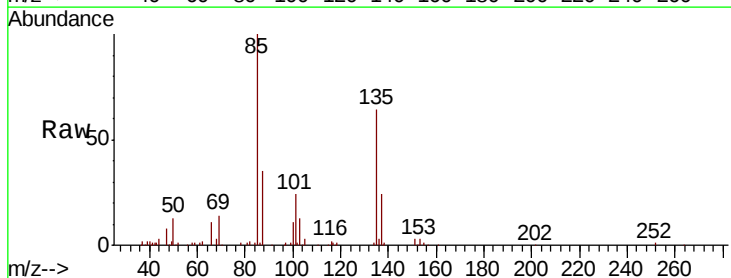
Acq: 1 Mar 2021 17:14

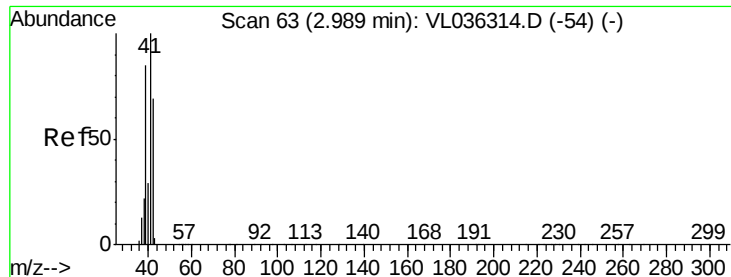
Tgt Ion: 85 Resp: 122237

Ion Ratio Lower Upper

85 100

135 65.6 51.1 76.7





#9

Propene

Concen: 0.546 ppbv

RT: 3.02 min Scan# 73

Delta R.T. 0.03 min

Lab File: VL036418.D

Acq: 1 Mar 2021 17:14

Instrument :

MSVOA_L

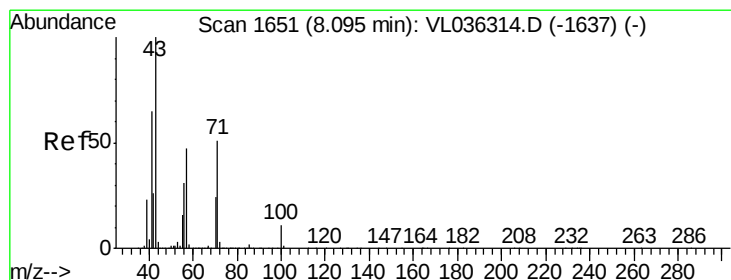
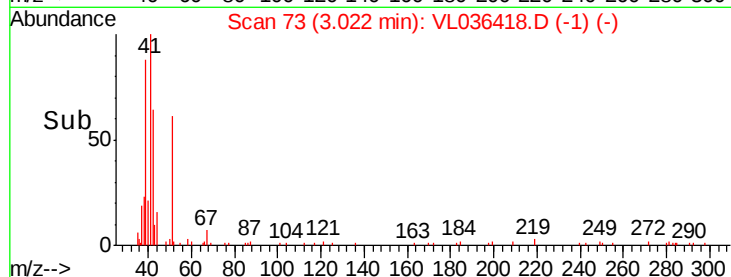
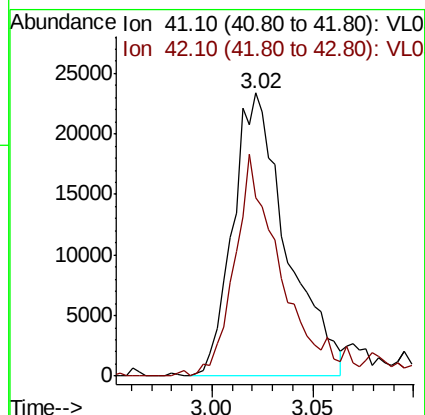
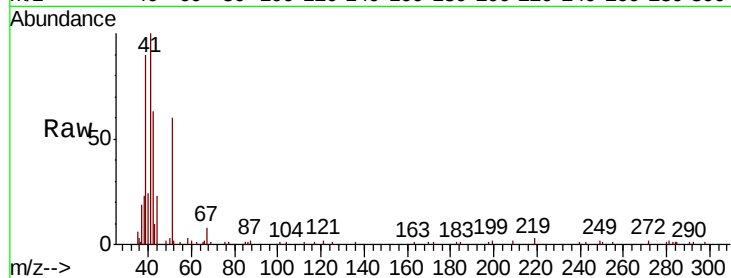
ClientSampleId :

Tot Ion: 41 Resp: 43637

Ion Ratio Lower Upper

41 100

42 67.8 56.2 84.2



#10

Heptane

Concen: 0.380 ppbv

RT: 8.14 min Scan# 1666

Delta R.T. 0.05 min

Lab File: VL036418.D

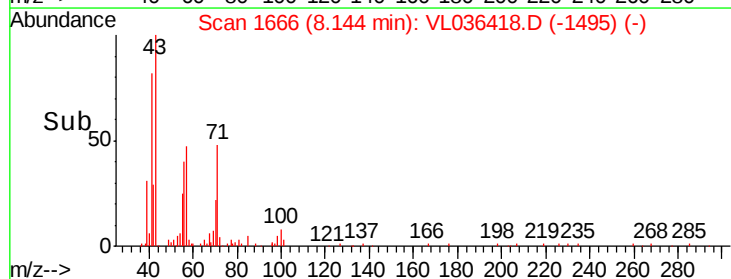
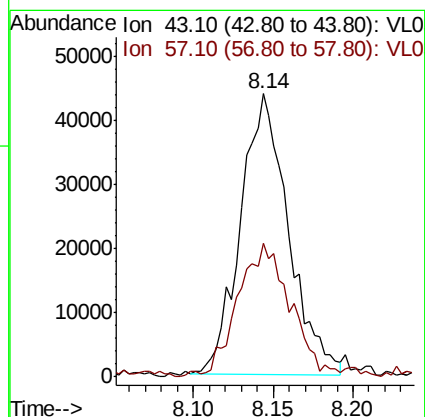
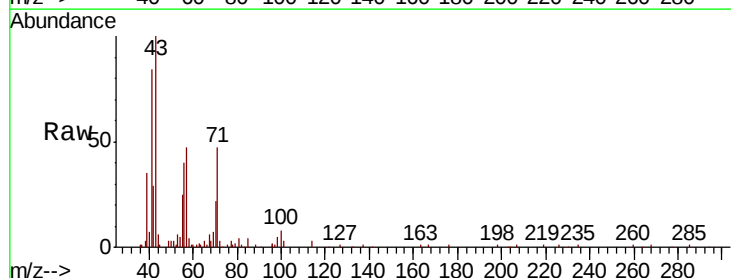
Acq: 1 Mar 2021 17:14

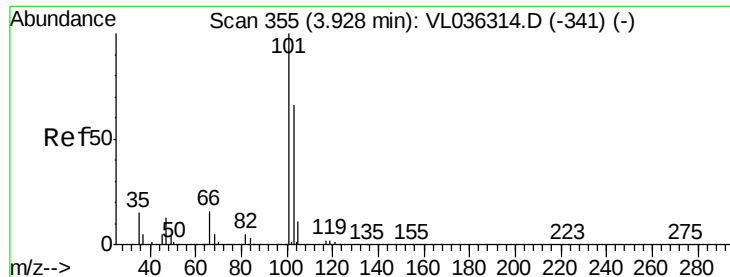
Tgt Ion: 43 Resp: 89474

Ion Ratio Lower Upper

43 100

57 54.1 39.4 59.2





#11

Trichlorofluoromethane

Concen: 0.508 ppbv

RT: 3.96 min Scan# 366

Delta R.T. 0.04 min

Lab File: VL036418.D

Acq: 1 Mar 2021 17:14

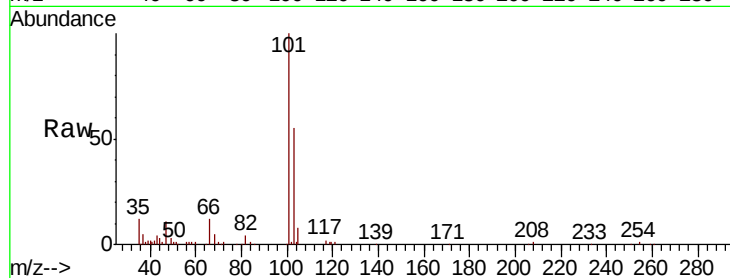
Instrument :
MSVOA_L
ClientSampleId :

Tot Ion:101 Resp: 128124

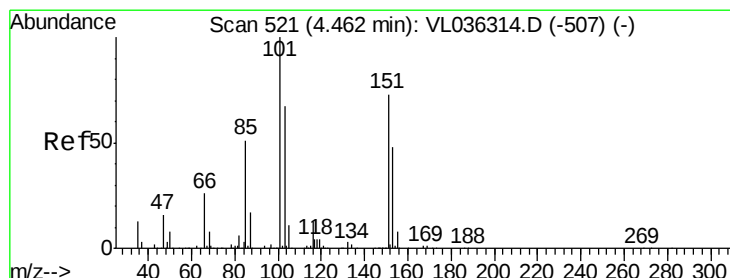
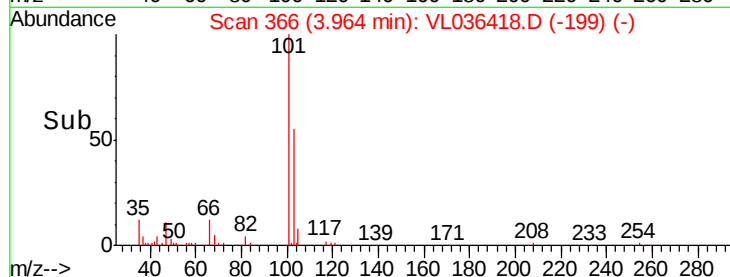
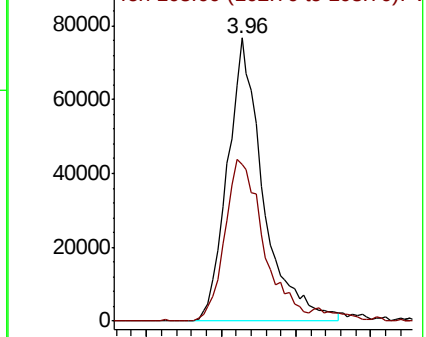
Ion Ratio Lower Upper

101 100

103 55.3 52.9 79.3



Abundance Ion 101.00 (100.70 to 101.70): V
Ion 103.00 (102.70 to 103.70): V



#12

1,1,2-Trichlorotrifluoroethane

Concen: 0.513 ppbv

RT: 4.50 min Scan# 533

Delta R.T. 0.04 min

Lab File: VL036418.D

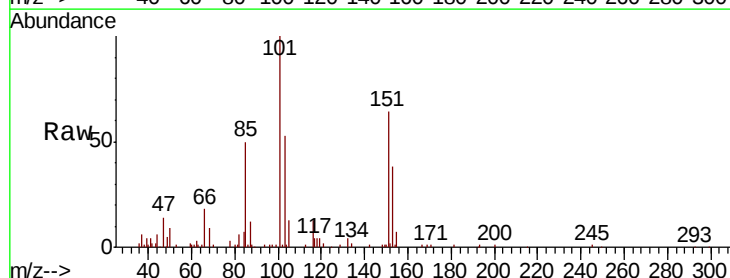
Acq: 1 Mar 2021 17:14

Tgt Ion:101 Resp: 80112

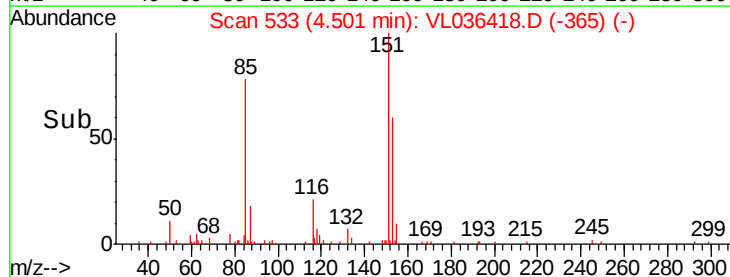
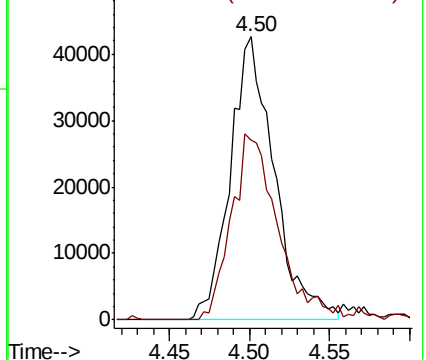
Ion Ratio Lower Upper

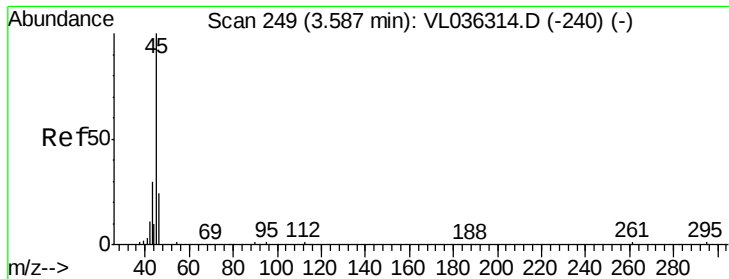
101 100

151 69.0 58.2 87.4



Abundance Ion 101.00 (100.70 to 101.70): V
Ion 151.00 (150.70 to 151.70): V





#13

Ethanol

Concen: 0.333 ppbv

RT: 3.63 min Scan# 261

Delta R.T. 0.04 min

Lab File: VL036418.D

Acq: 1 Mar 2021 17:14

Instrument :

MSVOA_L

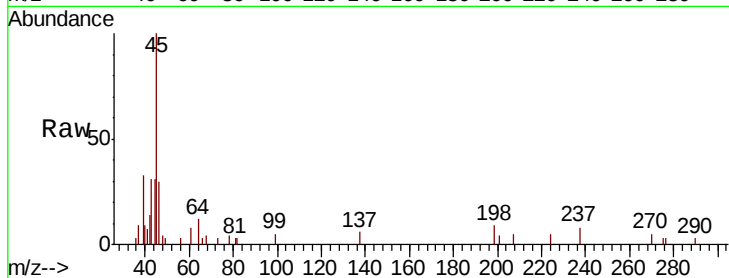
ClientSampleId :

Tot Ion: 45 Resp: 4992

Ion Ratio Lower Upper

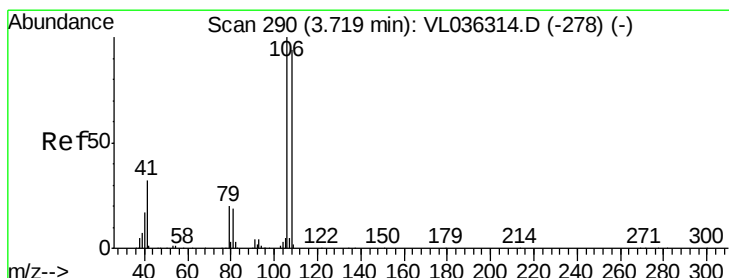
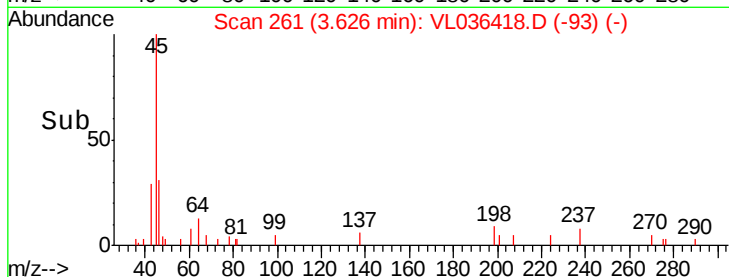
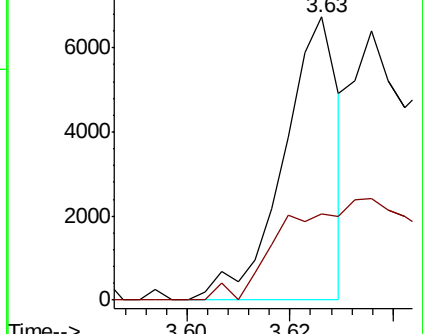
45 100

46 0.0 17.7 70.7#



Abundance Ion 45.10 (44.80 to 45.80): VL0

Ion 46.10 (45.80 to 46.80): VL0



#14

Bromoethene

Concen: 0.295 ppbv

RT: 3.75 min Scan# 300

Delta R.T. 0.03 min

Lab File: VL036418.D

Acq: 1 Mar 2021 17:14

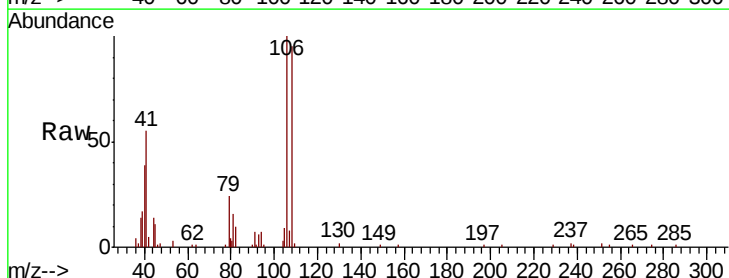
Tgt Ion: 108 Resp: 19250

Ion Ratio Lower Upper

108 100

106 159.5 89.8 134.8#

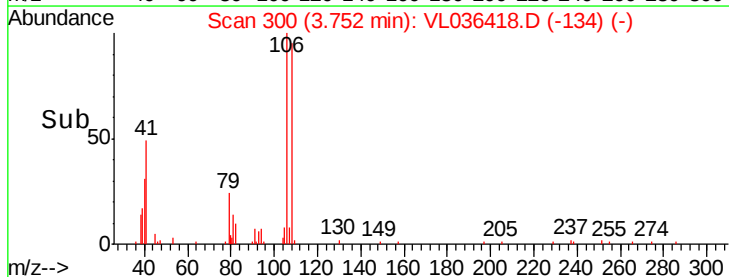
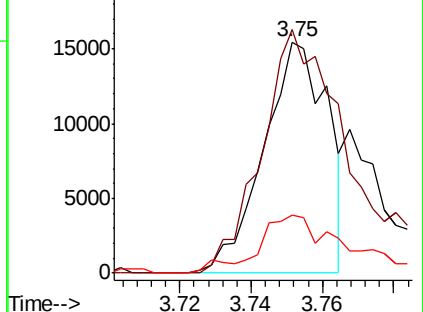
79 35.2 17.1 25.7#

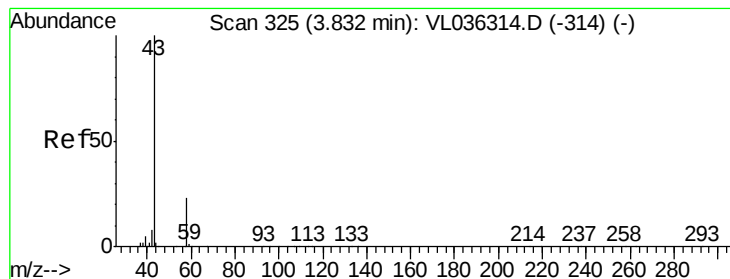


Abundance Ion 108.00 (107.70 to 108.70): V

Ion 106.00 (105.70 to 106.70): V

Ion 79.00 (78.70 to 79.70): VL0





#15

Acetone

Concen: 0.211 ppbv

RT: 3.87 min Scan# 338

Delta R.T. 0.04 min

Lab File: VL036418.D

Acq: 1 Mar 2021 17:14

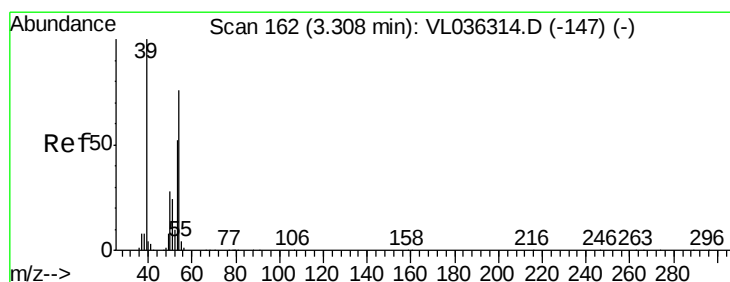
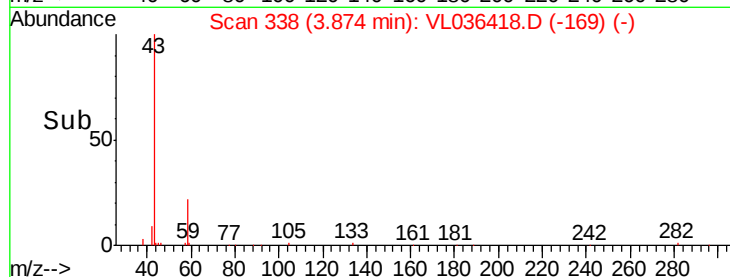
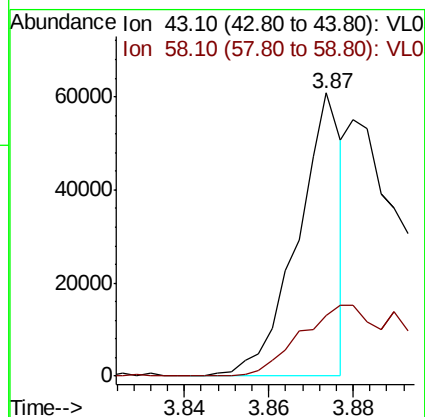
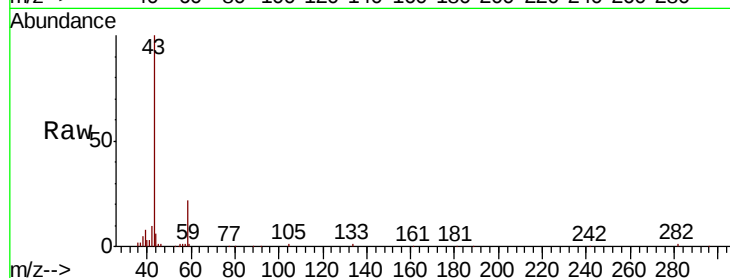
Instrument :
MSVOA_L
ClientSampleId :

Tot Ion: 43 Resp: 44538

Ion Ratio Lower Upper

43 100

58 0.0 20.3 30.5#



#16

1,3-Butadiene

Concen: 0.393 ppbv

RT: 3.34 min Scan# 171

Delta R.T. 0.03 min

Lab File: VL036418.D

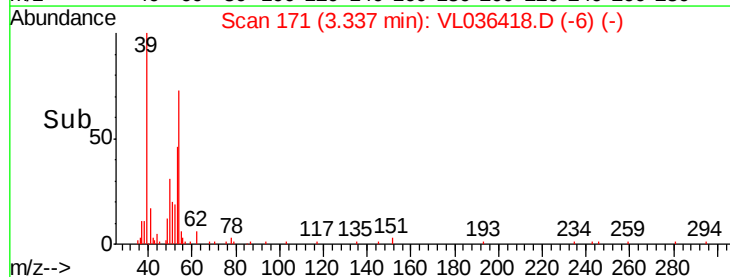
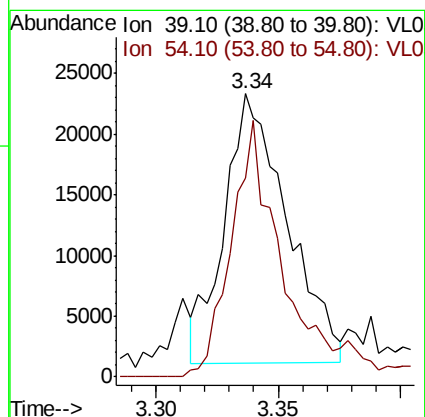
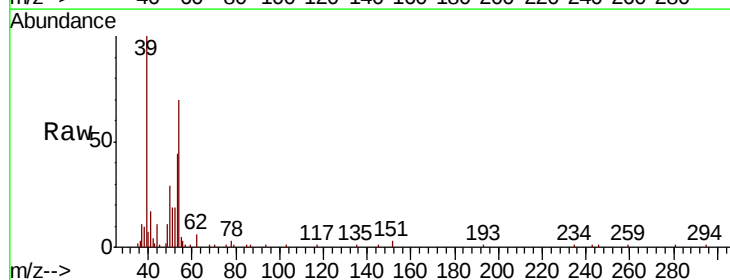
Acq: 1 Mar 2021 17:14

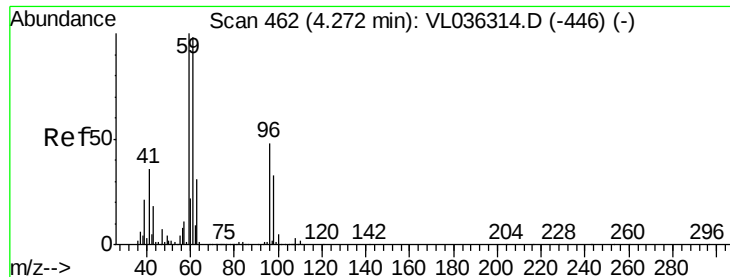
Tgt Ion: 39 Resp: 39642

Ion Ratio Lower Upper

39 100

54 83.3 64.4 96.6



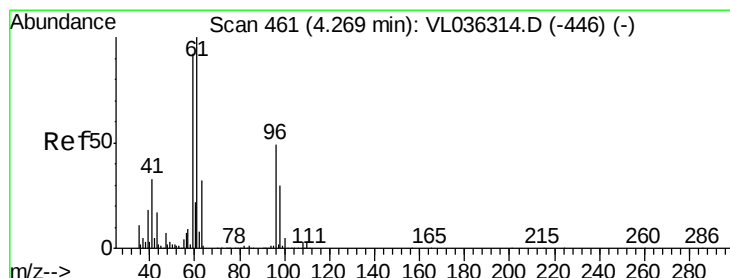
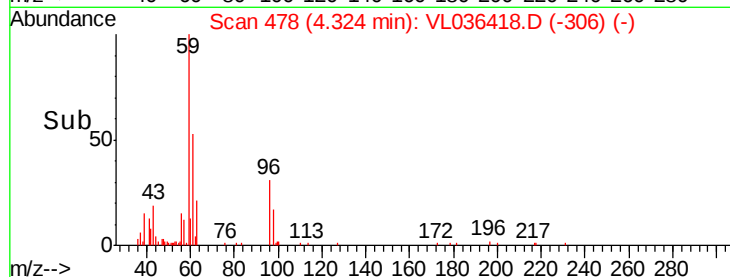
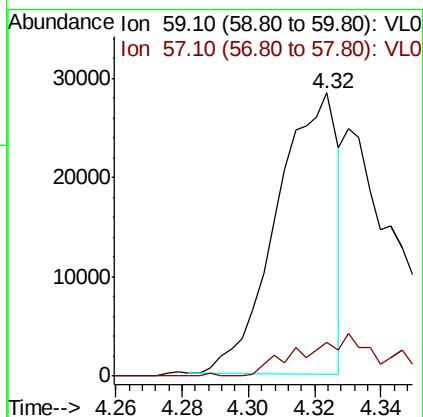
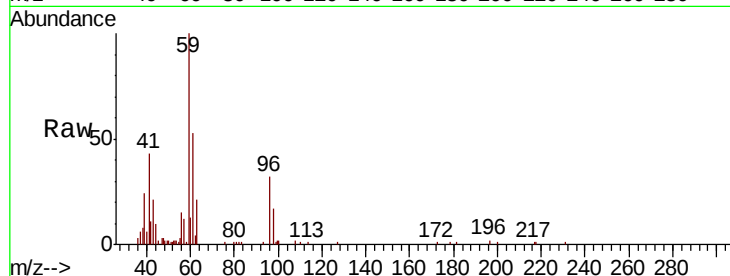


#17

tert-Butyl alcohol
 Concen: 0.221 ppbv
 RT: 4.32 min Scan# 478
 Delta R.T. 0.05 min
 Lab File: VL036418.D
 Acq: 1 Mar 2021 17:14

Instrument :
 MSVOA_L
 ClientSampleId :

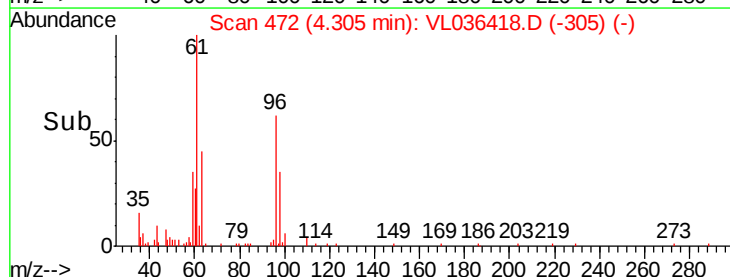
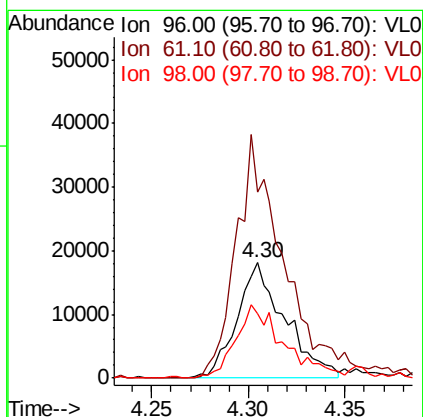
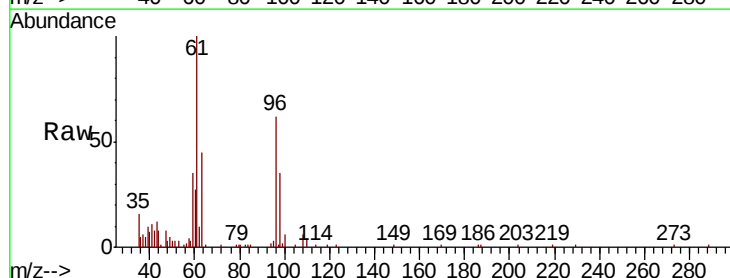
Tot Ion: 59 Resp: 36184
 Ion Ratio Lower Upper
 59 100
 57 0.0 9.0 13.4#

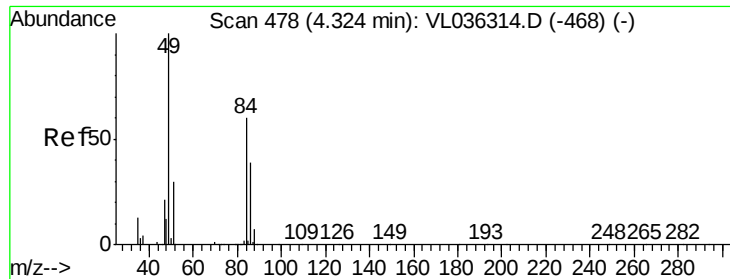


#18

1,1-Dichloroethene
 Concen: 0.439 ppbv
 RT: 4.30 min Scan# 472
 Delta R.T. 0.04 min
 Lab File: VL036418.D
 Acq: 1 Mar 2021 17:14

Tgt Ion: 96 Resp: 31117
 Ion Ratio Lower Upper
 96 100
 61 160.7 162.5 243.7#
 98 56.3 48.5 72.7

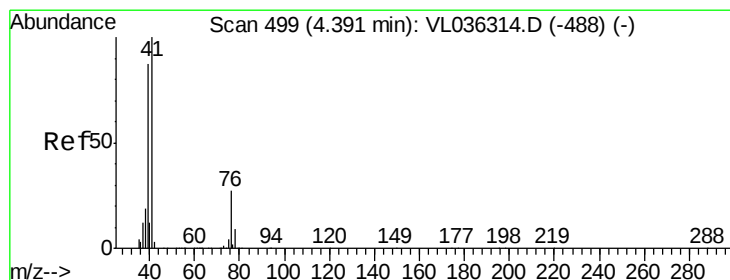
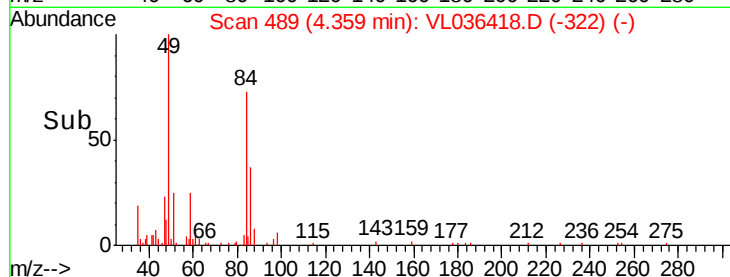
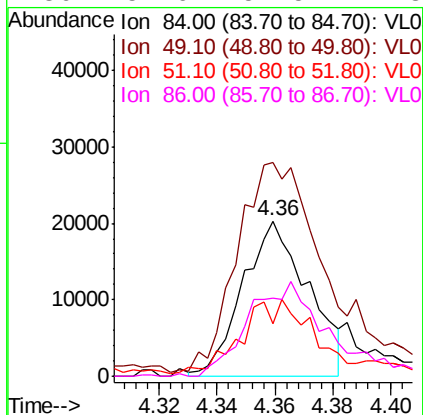
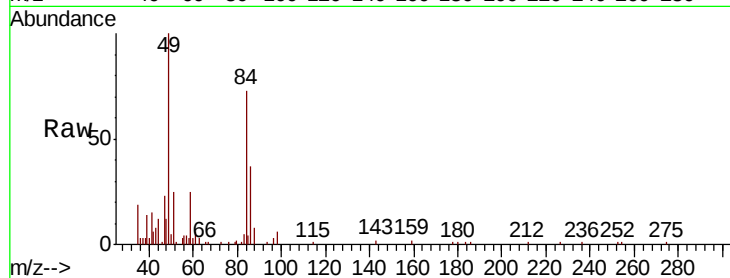




#20
Methylene Chloride
Concen: 0.469 ppbv
RT: 4.36 min Scan# 489
Delta R.T. 0.04 min
Lab File: VL036418.D
Acq: 1 Mar 2021 17:14

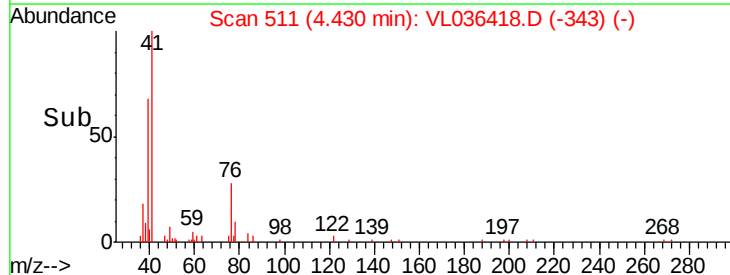
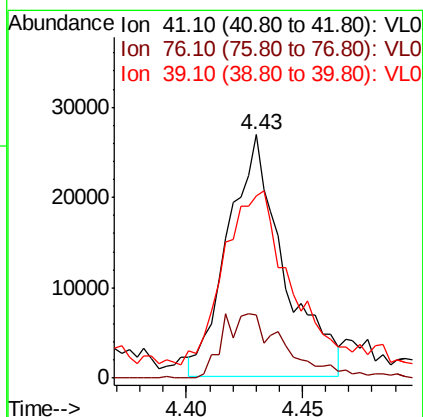
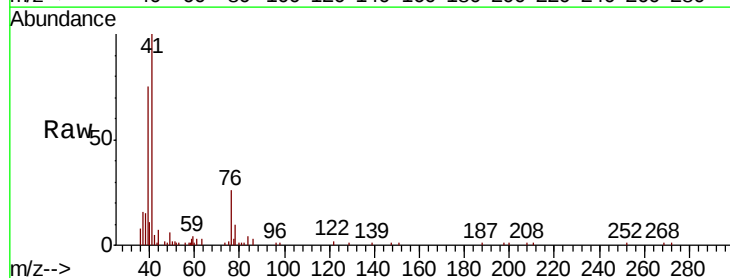
Instrument :
MSVOA_L
ClientSampleId :

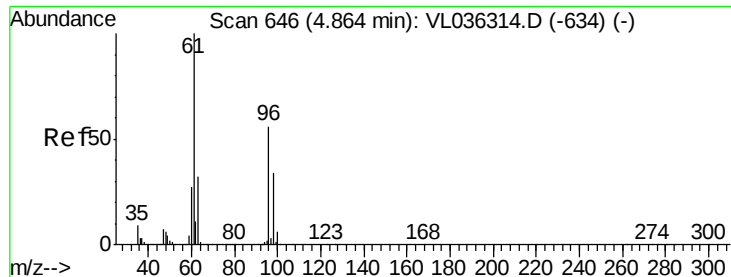
Tot Ion: 84 Resp: 31889
Ion Ratio Lower Upper
84 100
49 137.5 133.8 200.8
51 28.3 41.4 62.0#
86 51.6 51.5 77.3



#21
Allyl Chloride
Concen: 0.383 ppbv
RT: 4.43 min Scan# 511
Delta R.T. 0.04 min
Lab File: VL036418.D
Acq: 1 Mar 2021 17:14

Tgt Ion: 41 Resp: 44965
Ion Ratio Lower Upper
41 100
76 30.6 22.0 33.0
39 94.2 70.2 105.2





#22

trans-1,2-Dichloroethene

Concen: 0.259 ppbv

RT: 4.90 min Scan# 657

Delta R.T. 0.04 min

Lab File: VL036418.D

Acq: 1 Mar 2021 17:14

Instrument :
MSVOA_L
ClientSampleId :

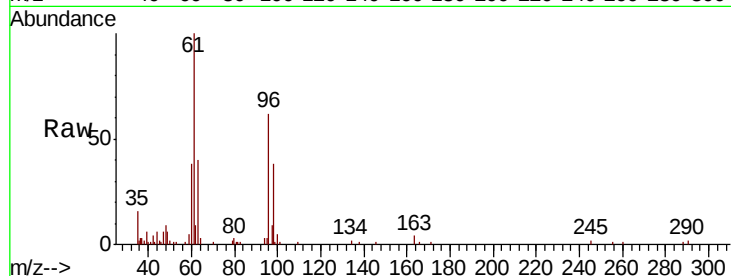
Tot Ion: 96 Resp: 16687

Ion Ratio Lower Upper

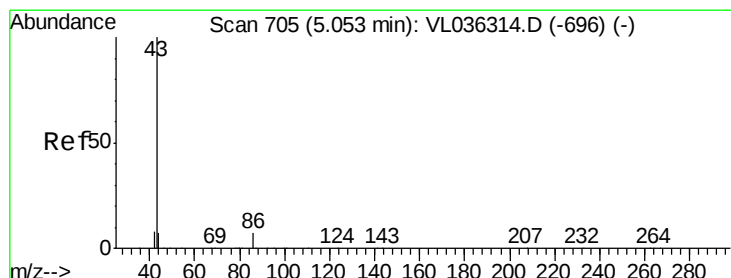
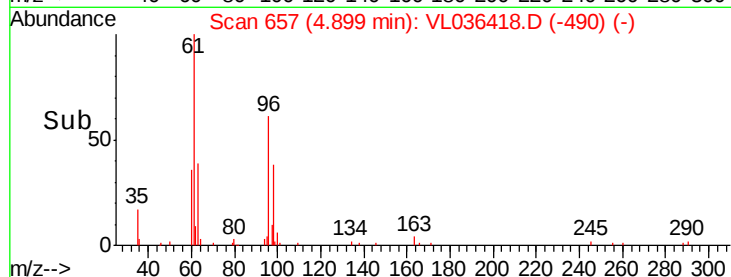
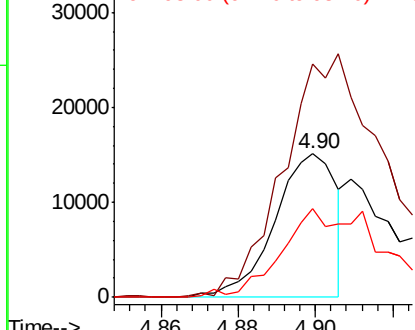
96 100

61 161.2 143.7 215.5

98 62.0 48.5 72.7



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



#23

Vinyl Acetate

Concen: 0.213 ppbv

RT: 5.10 min Scan# 718

Delta R.T. 0.04 min

Lab File: VL036418.D

Acq: 1 Mar 2021 17:14

Tgt Ion: 43 Resp: 52912

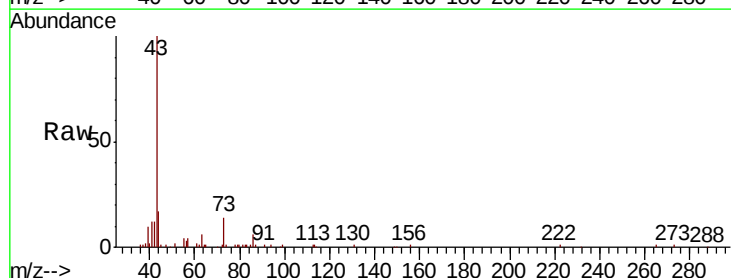
Ion Ratio Lower Upper

43 100

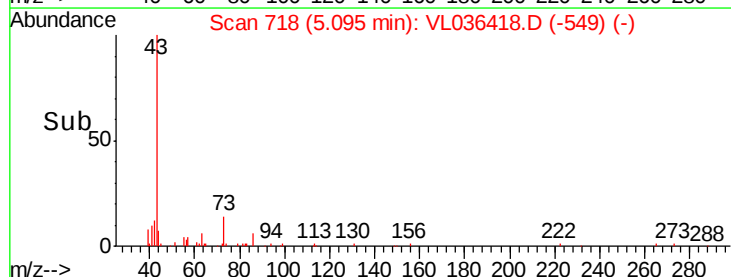
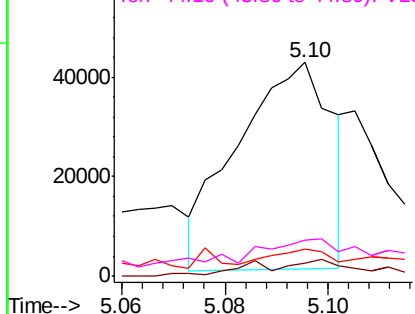
86 6.1 4.8 7.2

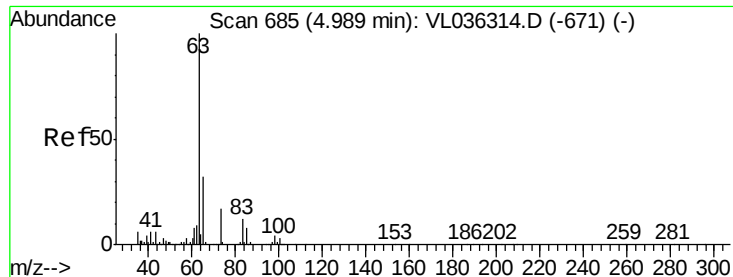
42 12.2 7.4 11.0#

44 10.9 4.8 7.2#



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





#24

1,1-Dichloroethane

Concen: 0.275 ppbv

RT: 5.02 min Scan# 696

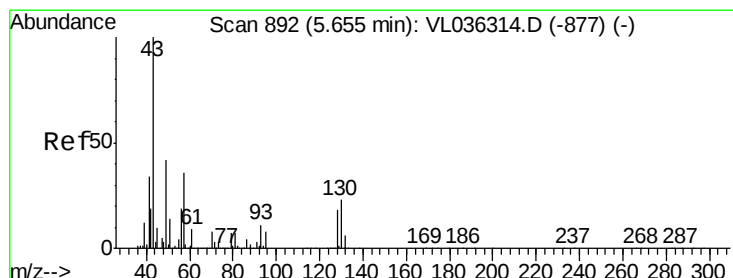
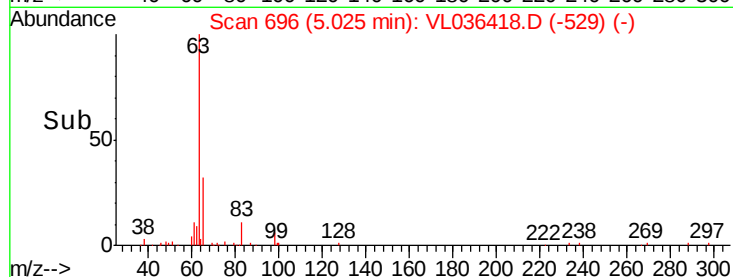
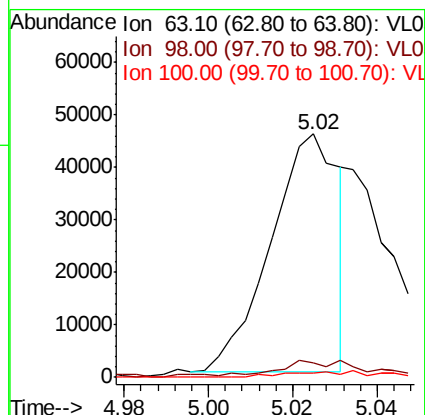
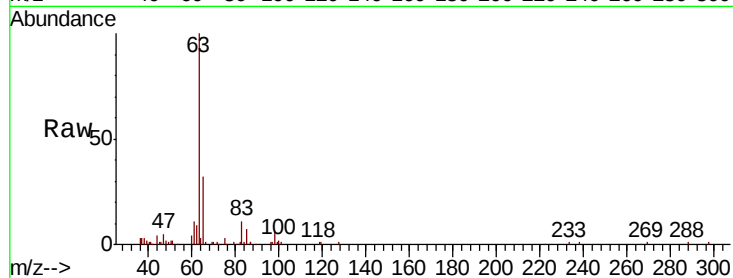
Delta R.T. 0.04 min

Lab File: VL036418.D

Acq: 1 Mar 2021 17:14

Instrument :
MSVOA_L
ClientSampleId :

Tot Ion:	63	Resp:	50498
Ion	Ratio	Lower	Upper
63	100		
98	4.9	2.0	6.0
100	2.0	1.5	4.4



#25

Ethyl Acetate

Concen: 0.373 ppbv

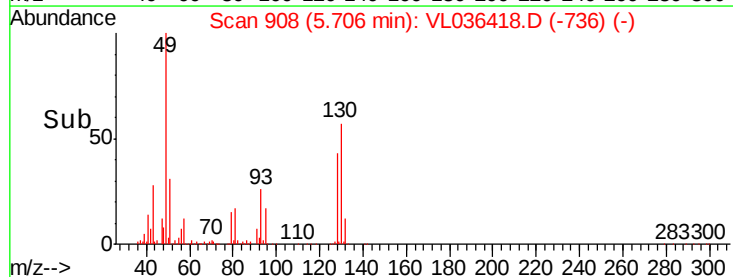
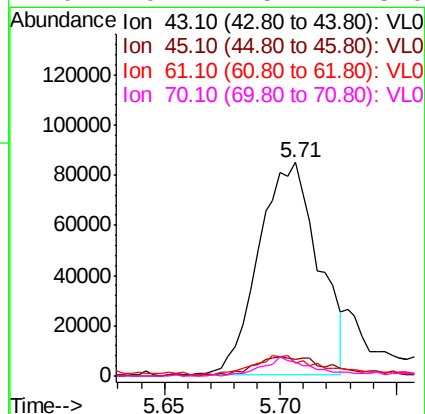
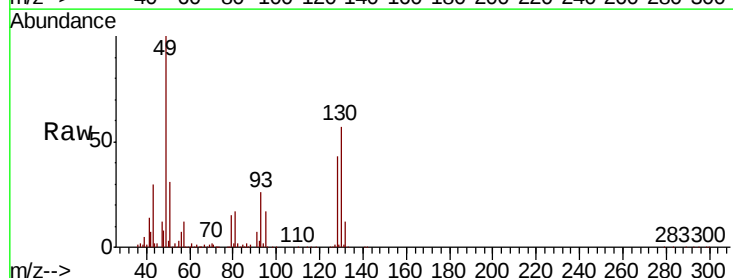
RT: 5.71 min Scan# 908

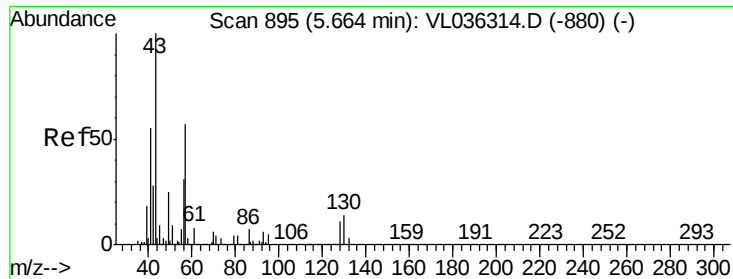
Delta R.T. 0.05 min

Lab File: VL036418.D

Acq: 1 Mar 2021 17:14

Tgt Ion:	43	Resp:	151677
Ion	Ratio	Lower	Upper
43	100		
45	12.3	8.3	12.5
61	12.2	7.3	10.9#
70	9.7	5.4	8.0#

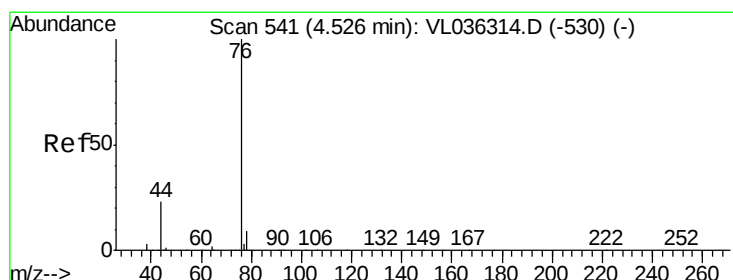
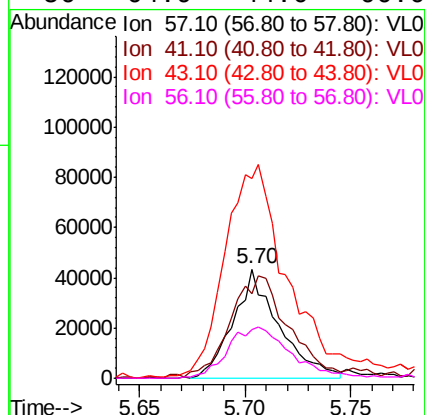
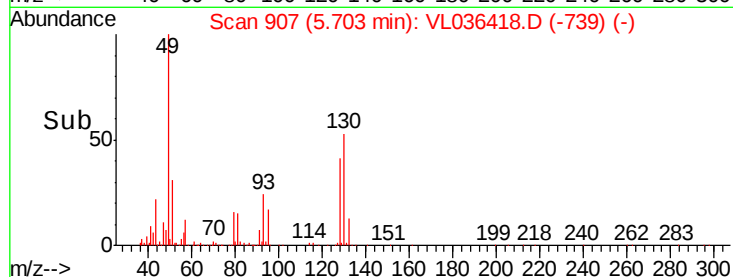
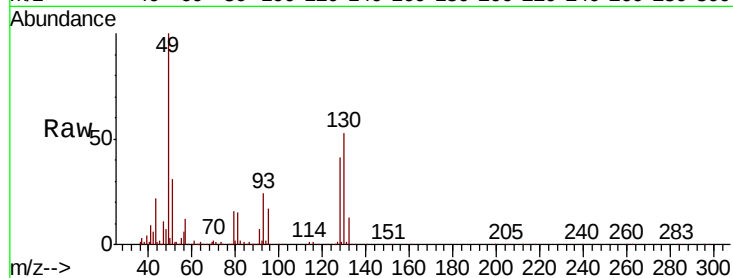




#26
Hexane
Concen: 0.391 ppbv
RT: 5.70 min Scan# 907
Delta R.T. 0.04 min
Lab File: VL036418.D
Acq: 1 Mar 2021 17:14

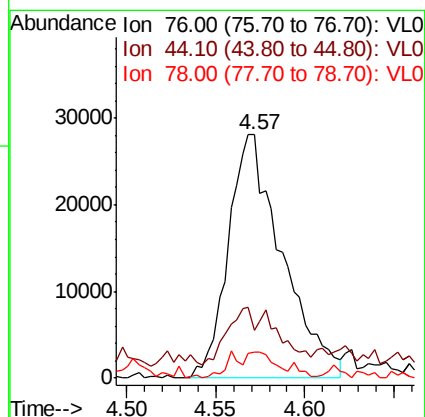
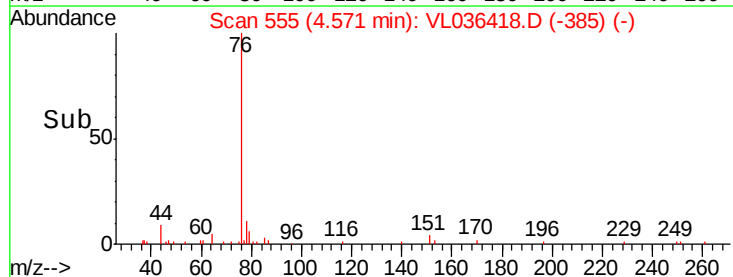
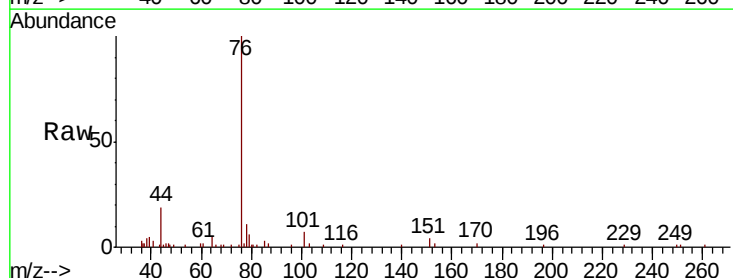
Instrument :
MSVOA_L
ClientSampleId :

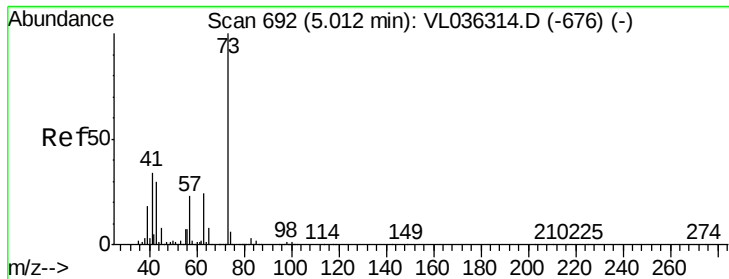
Tot Ion: 57 Resp: 65399
Ion Ratio Lower Upper
57 100
41 128.2 81.7 122.5#
43 279.0 199.1 298.7
56 64.9 44.0 66.0



#27
Carbon Disulfide
Concen: 0.385 ppbv
RT: 4.57 min Scan# 555
Delta R.T. 0.05 min
Lab File: VL036418.D
Acq: 1 Mar 2021 17:14

Tgt Ion: 76 Resp: 59198
Ion Ratio Lower Upper
76 100
44 21.7 18.4 27.6
78 11.1 8.0 12.0



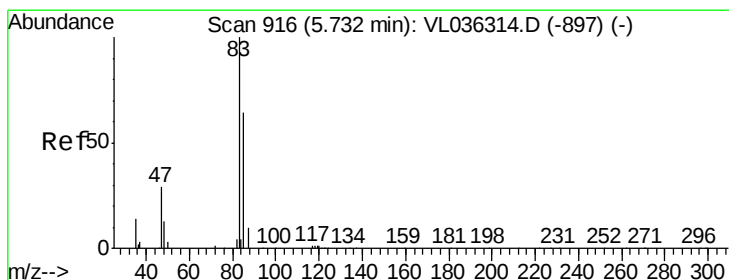
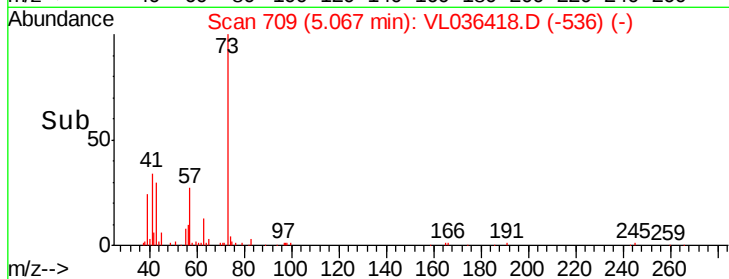
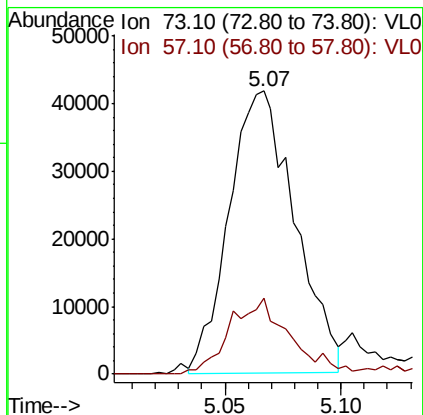
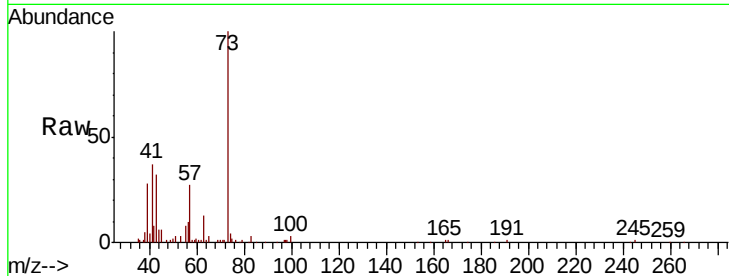


#28

Methvl tert-Butvl Ether
 Concen: 0.377 ppbv
 RT: 5.07 min Scan# 709
 Delta R.T. 0.05 min
 Lab File: VL036418.D
 Acq: 1 Mar 2021 17:14

Instrument :
 MSVOA_L
 ClientSampleId :

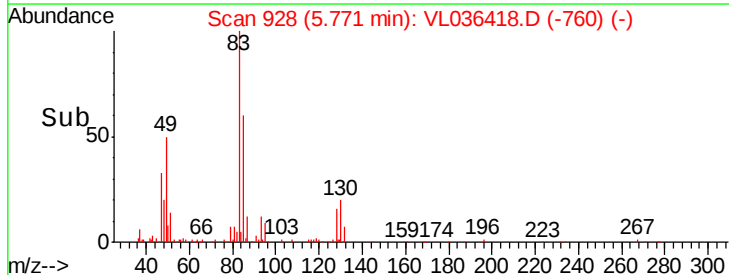
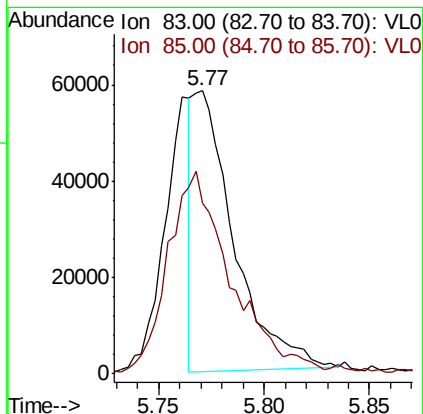
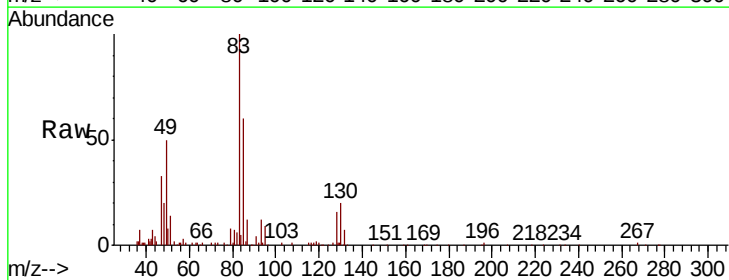
Tot Ion: 73 Resp: 82277
 Ion Ratio Lower Upper
 73 100
 57 25.9 19.2 28.8

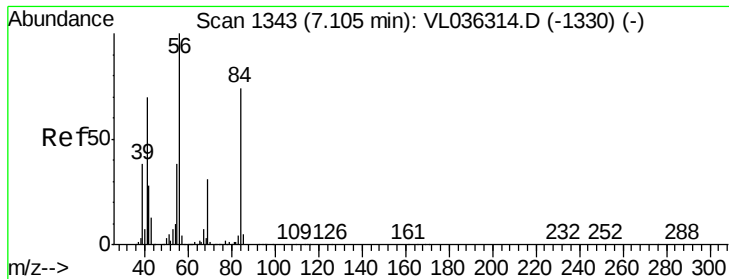


#29

Chloroform
 Concen: 0.289 ppbv
 RT: 5.77 min Scan# 928
 Delta R.T. 0.04 min
 Lab File: VL036418.D
 Acq: 1 Mar 2021 17:14

Tgt Ion: 83 Resp: 77879
 Ion Ratio Lower Upper
 83 100
 85 58.2 51.4 77.2

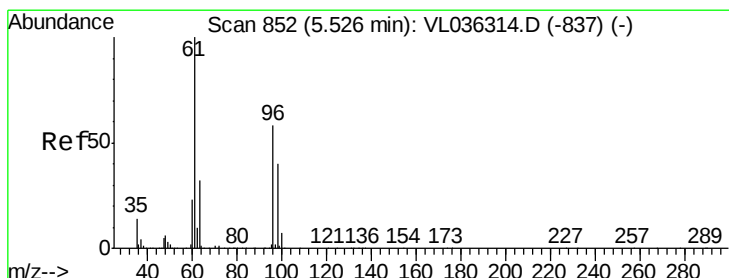
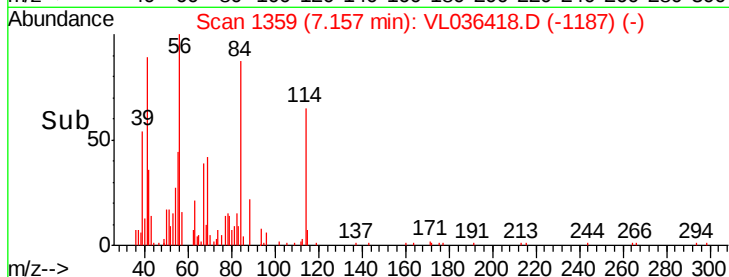
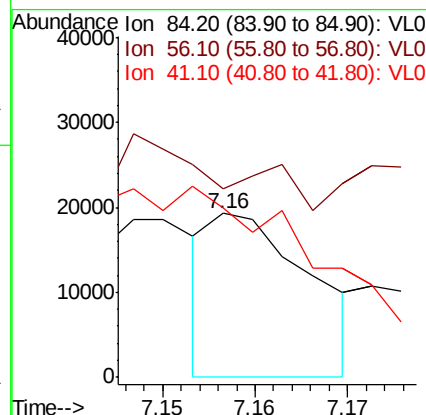
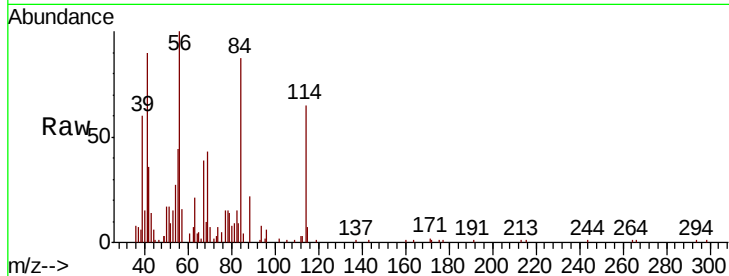




#30
Cvclohexane
Concen: 0.103 ppbv
RT: 7.16 min Scan# 1359
Delta R.T. 0.05 min
Lab File: VL036418.D
Acq: 1 Mar 2021 17:14

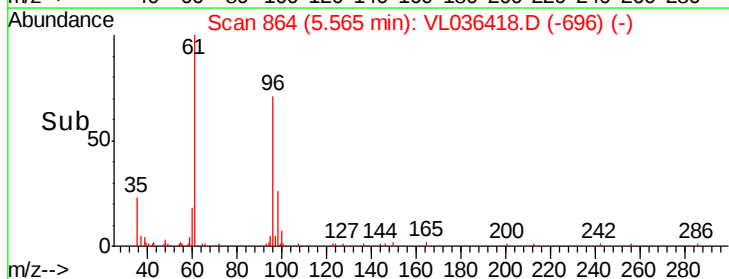
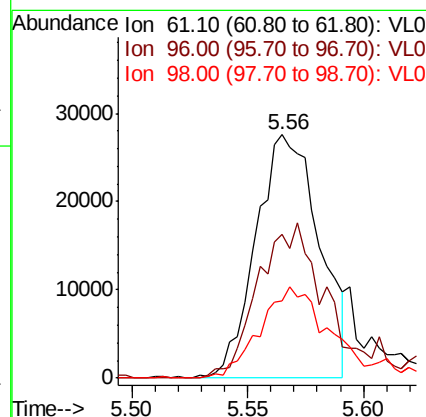
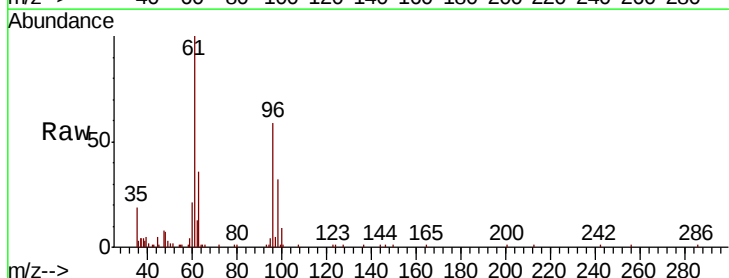
Instrument :
MSVOA_L
ClientSampleId :

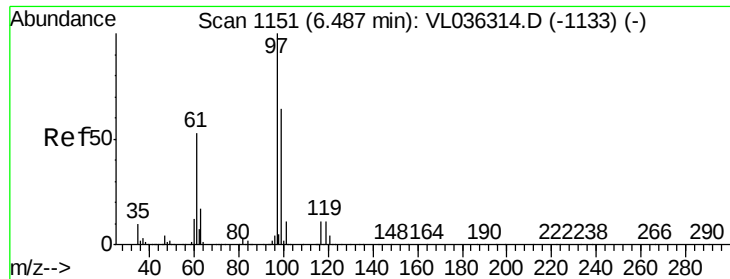
Tot Ion: 84 Resp: 14282
Ion Ratio Lower Upper
84 100
56 0.0 120.2 180.4#
41 412.9 79.7 119.5#



#31
cis-1,2-Dichloroethene
Concen: 0.318 ppbv
RT: 5.56 min Scan# 864
Delta R.T. 0.04 min
Lab File: VL036418.D
Acq: 1 Mar 2021 17:14

Tgt Ion: 61 Resp: 52581
Ion Ratio Lower Upper
61 100
96 58.9 46.0 69.0
98 31.7 31.9 47.9#





#32

1,1,1-Trichloroethane

Concen: 0.444 ppbv

RT: 6.53 min Scan# 1164

Delta R.T. 0.04 min

Lab File: VL036418.D

Acq: 1 Mar 2021 17:14

Instrument :

MSVOA_L

ClientSampleId :

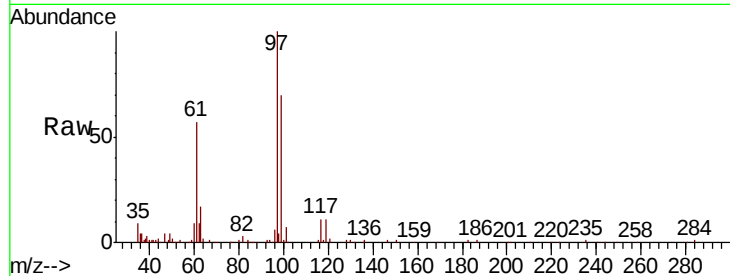
Tot Ion: 97 Resp: 111857

Ion Ratio Lower Upper

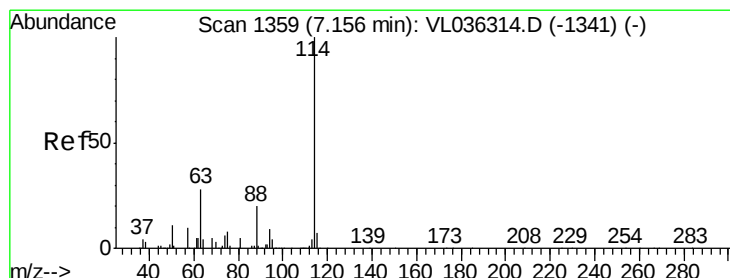
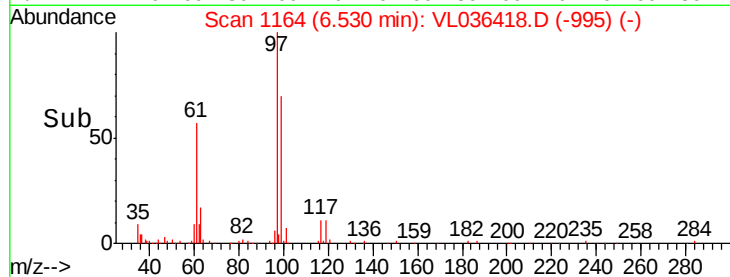
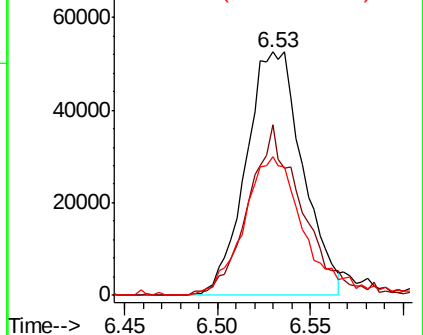
97 100

99 67.7 52.2 78.4

61 61.6 43.3 64.9



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



#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.20 min Scan# 1371

Delta R.T. 0.04 min

Lab File: VL036418.D

Acq: 1 Mar 2021 17:14

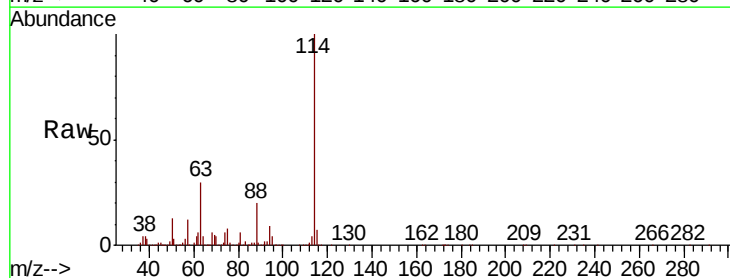
Tgt Ion: 114 Resp: 3737508

Ion Ratio Lower Upper

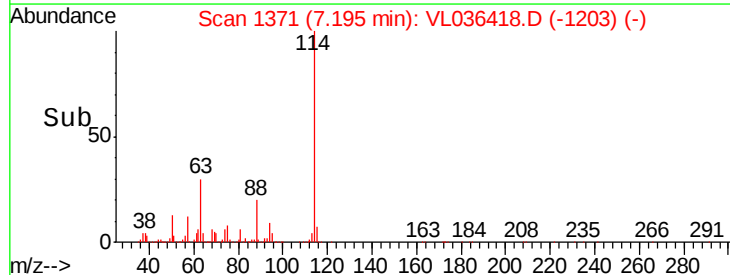
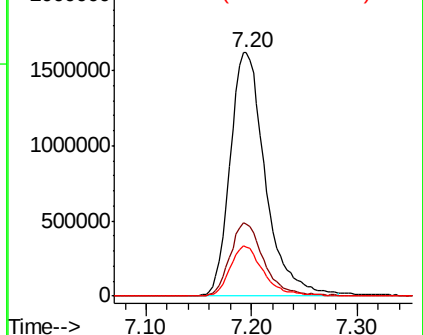
114 100

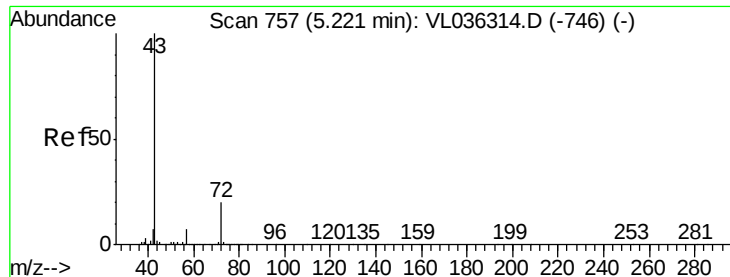
63 29.4 24.1 36.1

88 19.8 16.0 24.0



Abundance Ion 114.10 (113.80 to 114.80): V
Ion 63.10 (62.80 to 63.80): VL0
Ion 88.10 (87.80 to 88.80): VL0

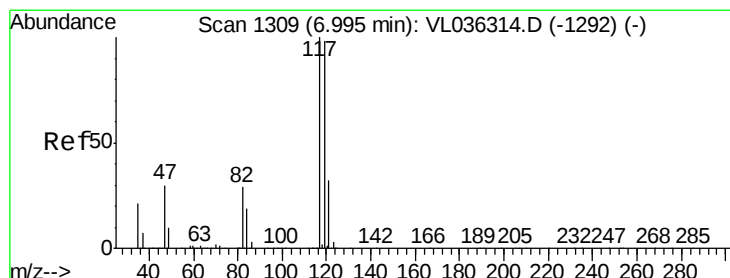
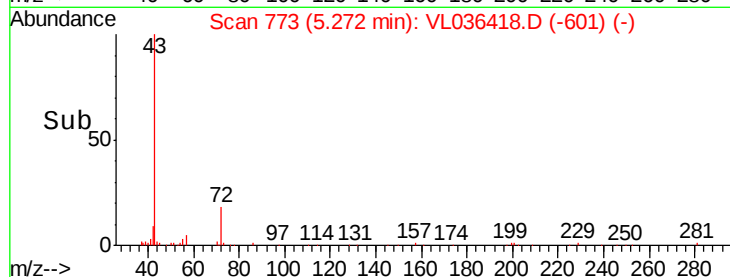
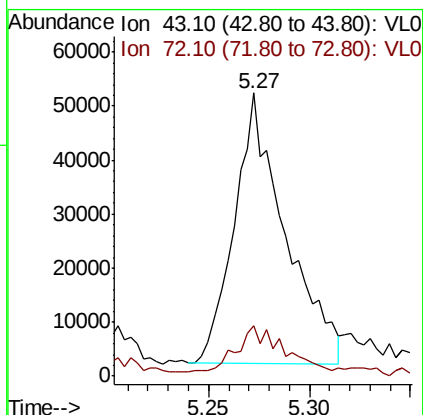
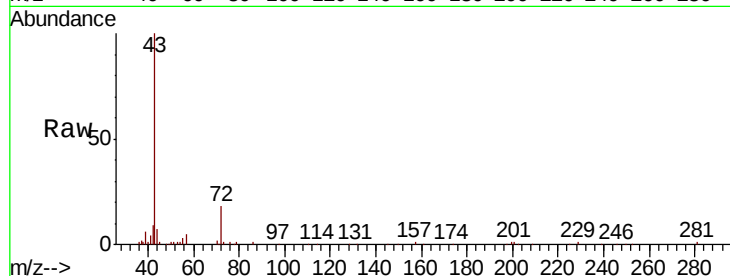




#34
2-Butanone
Concen: 0.353 ppbv
RT: 5.27 min Scan# 773
Delta R.T. 0.05 min
Lab File: VL036418.D
Acq: 1 Mar 2021 17:14

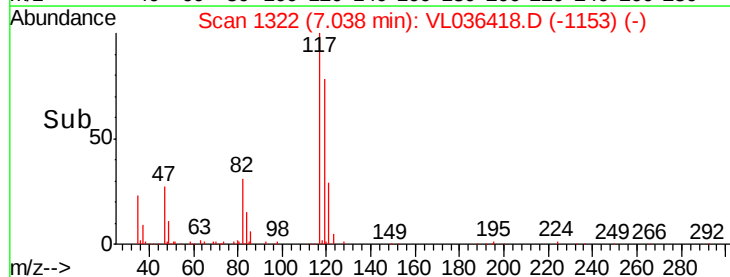
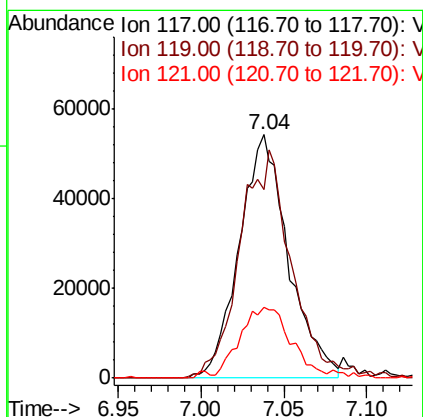
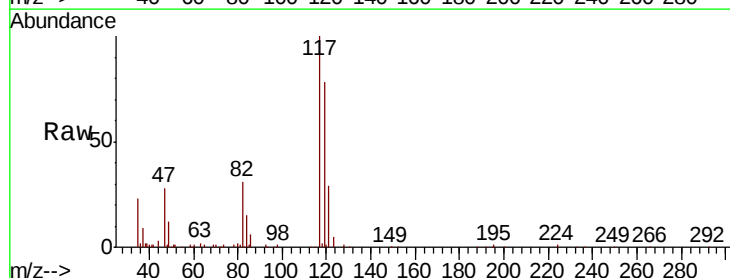
Instrument :
MSVOA_L
ClientSampleId :

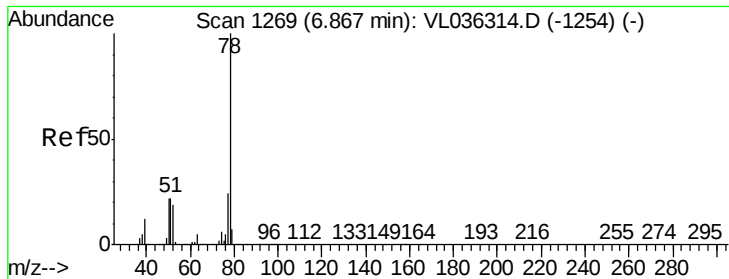
Tot Ion: 43 Resp: 87719
Ion Ratio Lower Upper
43 100
72 24.4 16.7 25.1



#35
Carbon Tetrachloride
Concen: 0.448 ppbv
RT: 7.04 min Scan# 1322
Delta R.T. 0.04 min
Lab File: VL036418.D
Acq: 1 Mar 2021 17:14

Tgt Ion: 117 Resp: 112250
Ion Ratio Lower Upper
117 100
119 77.1 78.1 117.1#
121 29.3 25.8 38.8

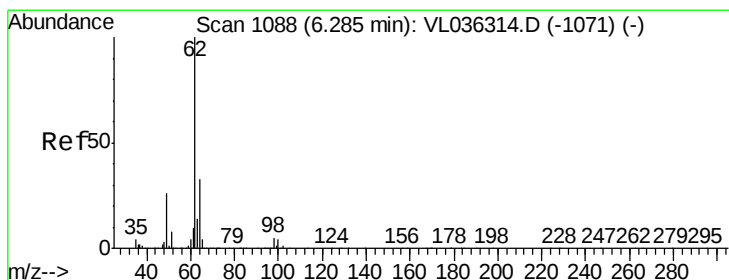
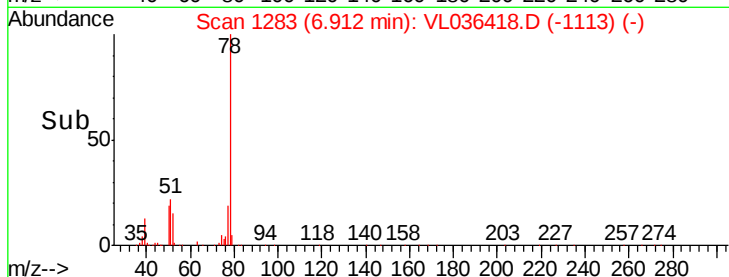
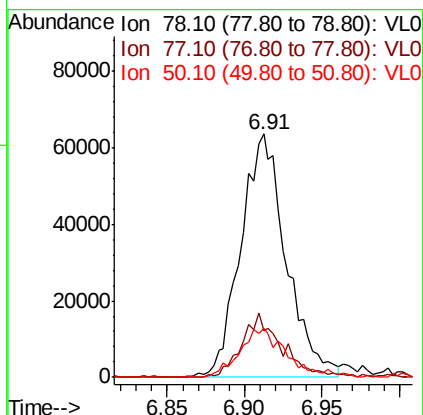
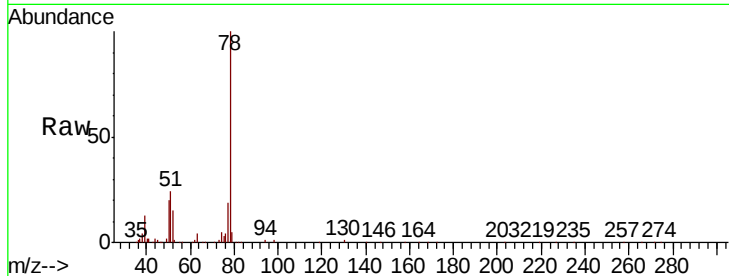




#36
Benzene
Concen: 0.410 ppbv
RT: 6.91 min Scan# 1283
Delta R.T. 0.05 min
Lab File: VL036418.D
Acq: 1 Mar 2021 17:14

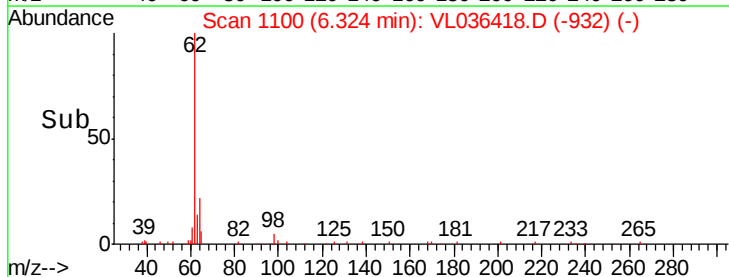
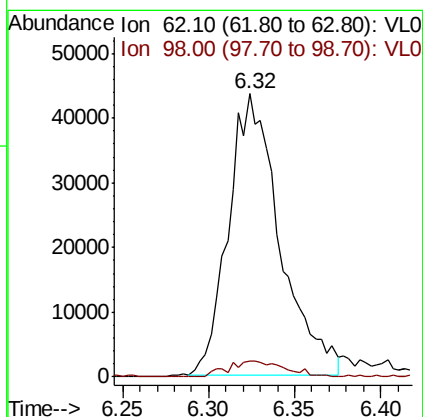
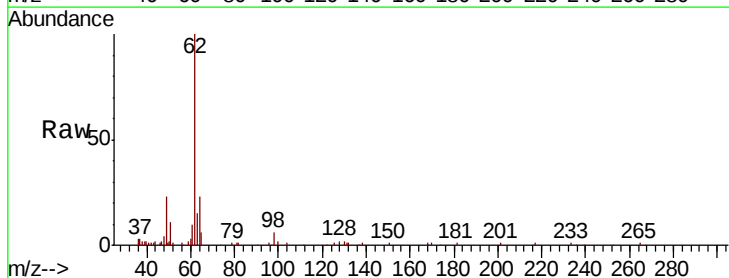
Instrument :
MSVOA_L
ClientSampleId :

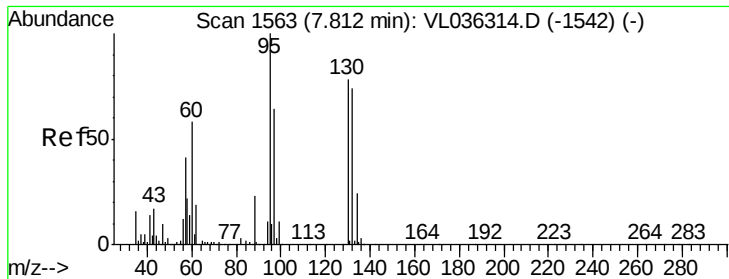
Tot Ion: 78 Resp: 130141
Ion Ratio Lower Upper
78 100
77 18.9 18.9 28.3
50 19.3 17.3 25.9



#37
1,2-Dichloroethane
Concen: 0.461 ppbv
RT: 6.32 min Scan# 1100
Delta R.T. 0.04 min
Lab File: VL036418.D
Acq: 1 Mar 2021 17:14

Tgt Ion: 62 Resp: 90418
Ion Ratio Lower Upper
62 100
98 6.3 4.5 6.7

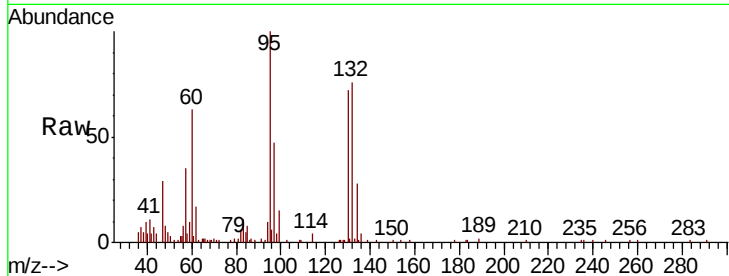




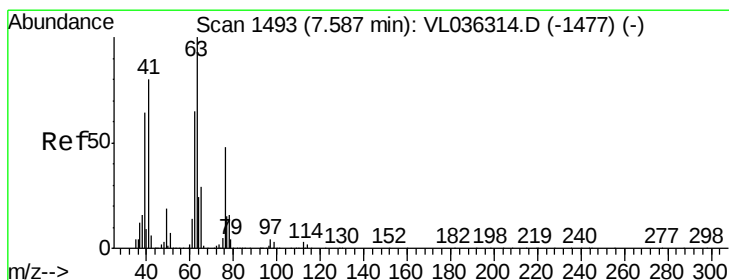
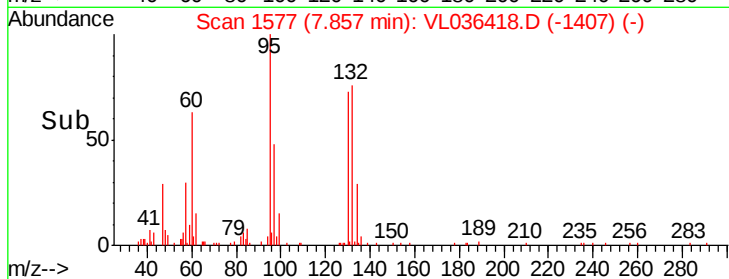
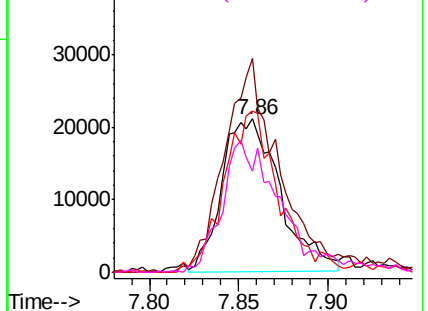
#38
 Trichloroethene
 Concen: 0.417 ppbv
 RT: 7.86 min Scan# 1577
 Delta R.T. 0.05 min
 Lab File: VL036418.D
 Acq: 1 Mar 2021 17:14

Instrument :
 MSVOA_L
 ClientSampleId :

Tot Ion:130 Resp: 47458
 Ion Ratio Lower Upper
 130 100
 95 138.7 102.8 154.2
 132 103.7 75.7 113.5
 97 62.9 66.2 99.2#

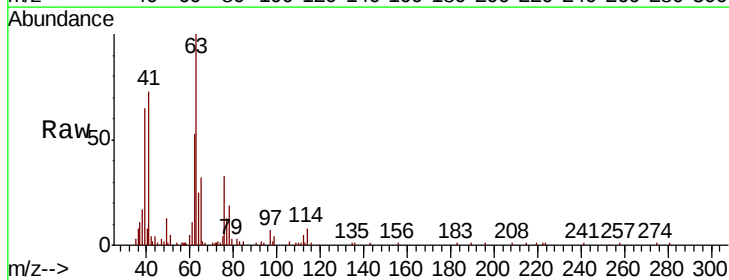


Abundance Ion 130.00 (129.70 to 130.70): V
 Ion 95.00 (94.70 to 95.70): VL0
 Ion 132.00 (131.70 to 132.70): V
 Ion 97.00 (96.70 to 97.70): VL0

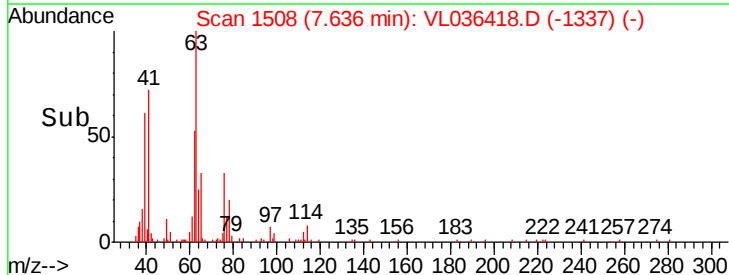
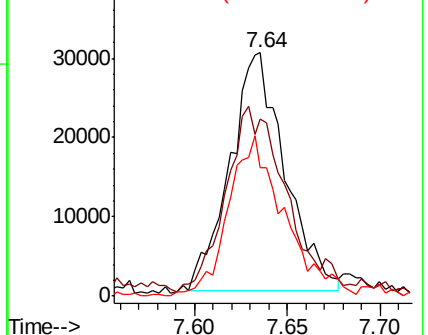


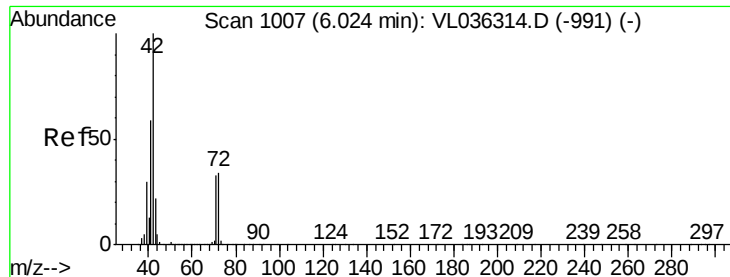
#39
 1,2-Dichloropropane
 Concen: 0.481 ppbv
 RT: 7.64 min Scan# 1508
 Delta R.T. 0.05 min
 Lab File: VL036418.D
 Acq: 1 Mar 2021 17:14

Tgt Ion: 63 Resp: 62086
 Ion Ratio Lower Upper
 63 100
 41 69.8 63.8 95.6
 62 51.8 52.3 78.5#



Abundance Ion 63.10 (62.80 to 63.80): VL0
 Ion 41.10 (40.80 to 41.80): VL0
 Ion 62.10 (61.80 to 62.80): VL0

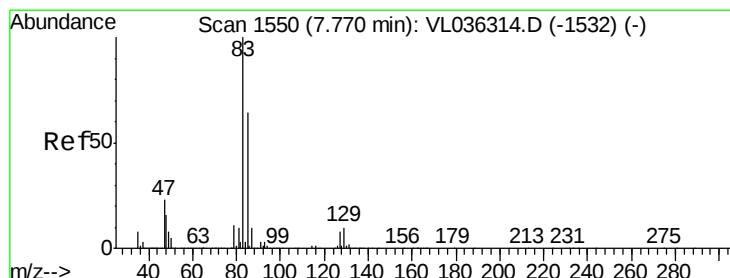
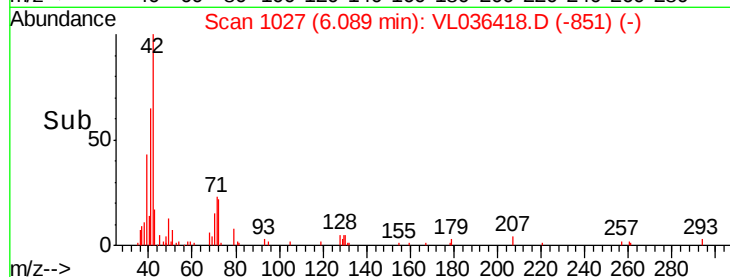
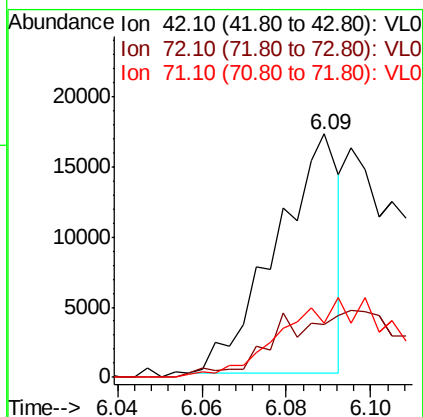
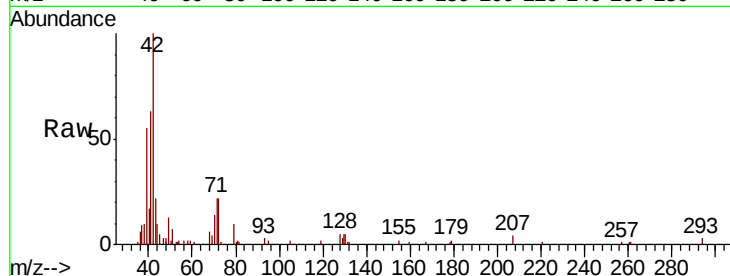




#41
Tetrahydrofuran
Concen: 0.127 ppbv
RT: 6.09 min Scan# 1027
Delta R.T. 0.06 min
Lab File: VL036418.D
Acq: 1 Mar 2021 17:14

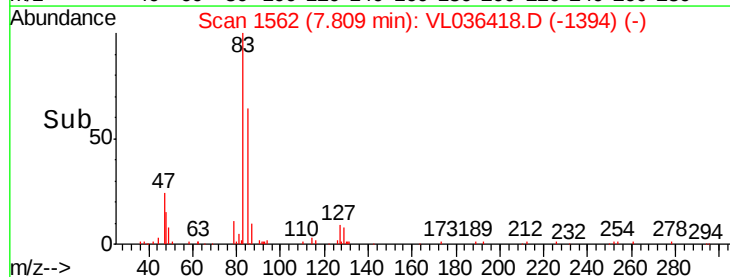
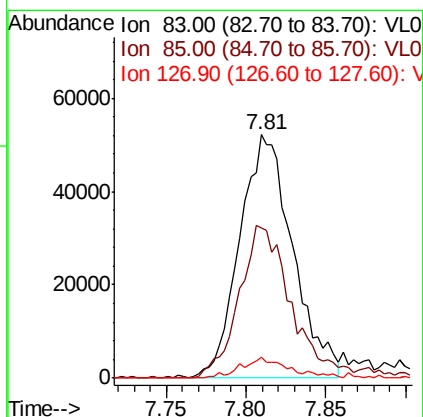
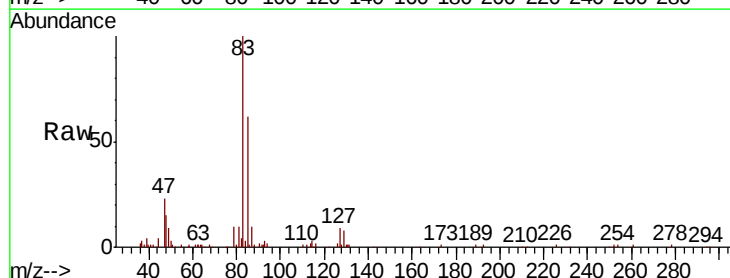
Instrument :
MSVOA_L
ClientSampleId :

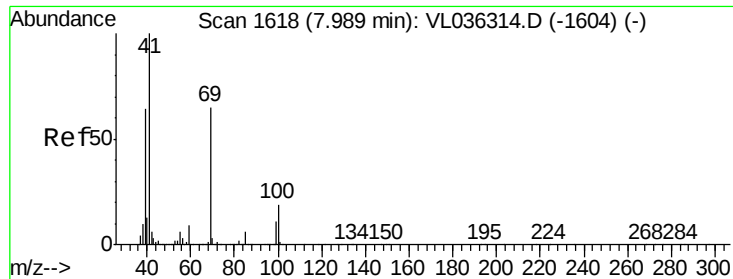
Tot Ion	Ratio	Lower	Upper
42	100		
72	0.0	29.3	43.9#
71	0.0	27.8	41.8#



#42
Bromodichloromethane
Concen: 0.448 ppbv
RT: 7.81 min Scan# 1562
Delta R.T. 0.04 min
Lab File: VL036418.D
Acq: 1 Mar 2021 17:14

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.0	51.1	76.7
127	8.6	6.3	9.5

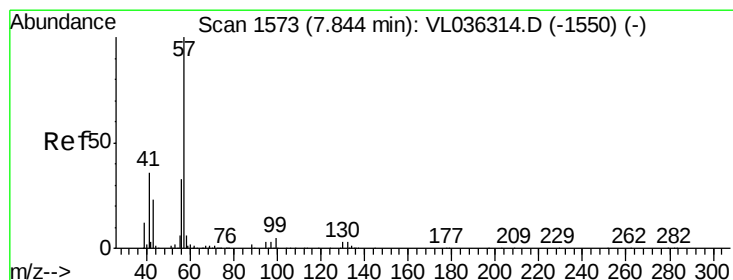
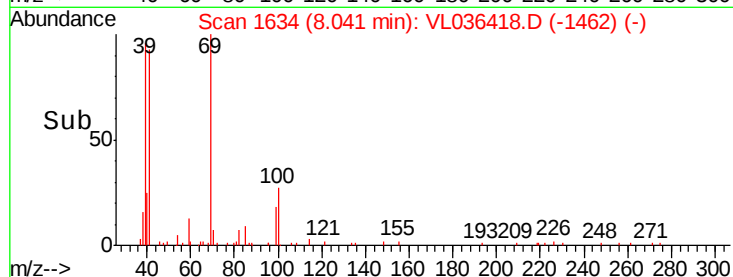
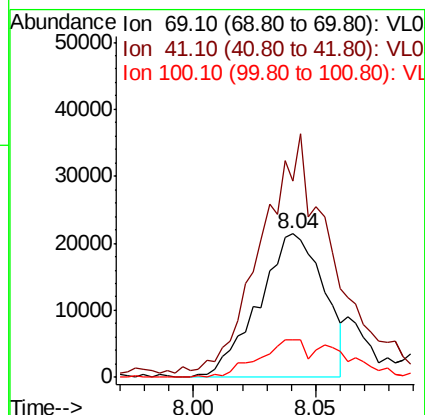
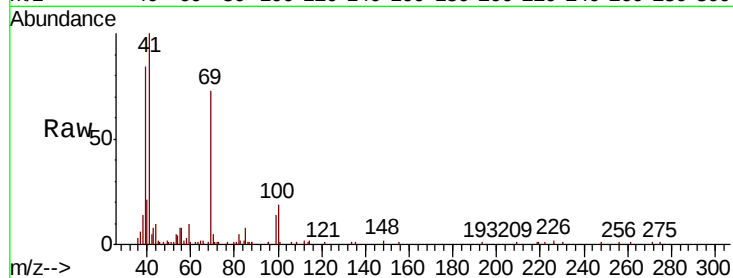




#43
Methyl Methacrylate
Concen: 0.296 ppbv
RT: 8.04 min Scan# 1634
Delta R.T. 0.05 min
Lab File: VL036418.D
Acq: 1 Mar 2021 17:14

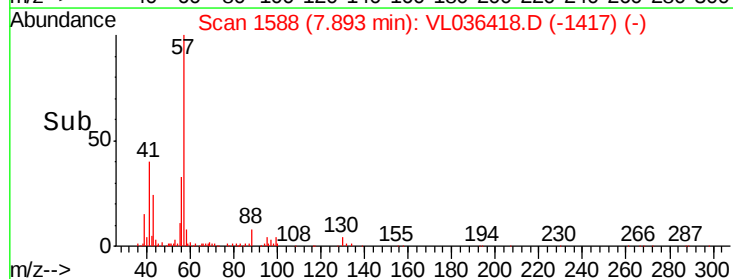
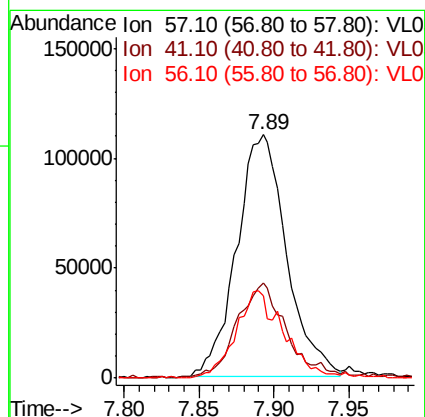
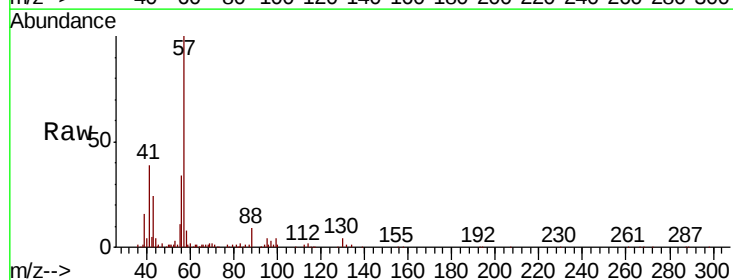
Instrument :
MSVOA_L
ClientSampled :

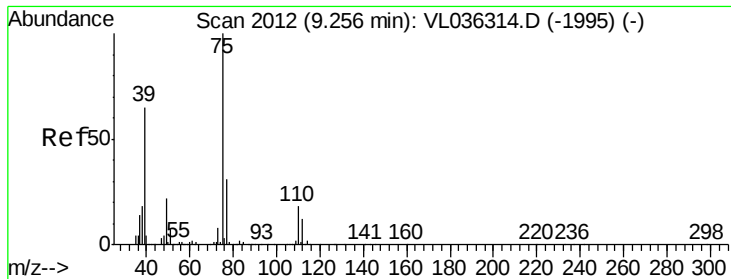
Tot Ion: 69 Resp: 39658
Ion Ratio Lower Upper
69 100
41 190.1 126.5 189.7#
100 35.3 23.1 34.7#



#44
2,2,4-Trimethylpentane
Concen: 0.444 ppbv
RT: 7.89 min Scan# 1588
Delta R.T. 0.05 min
Lab File: VL036418.D
Acq: 1 Mar 2021 17:14

Tgt Ion: 57 Resp: 256174
Ion Ratio Lower Upper
57 100
41 40.1 28.8 43.2
56 35.2 25.8 38.6

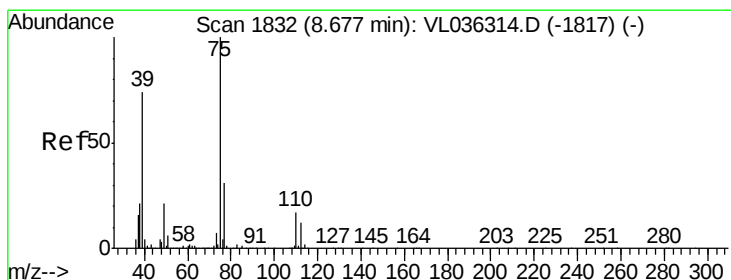
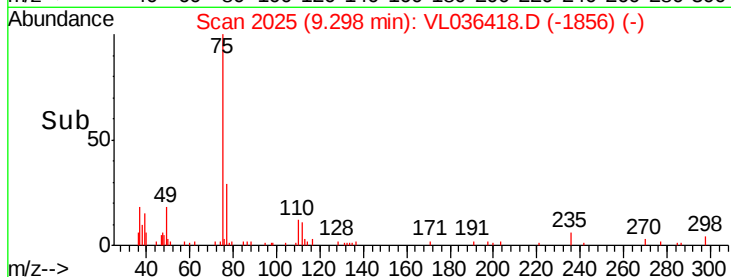
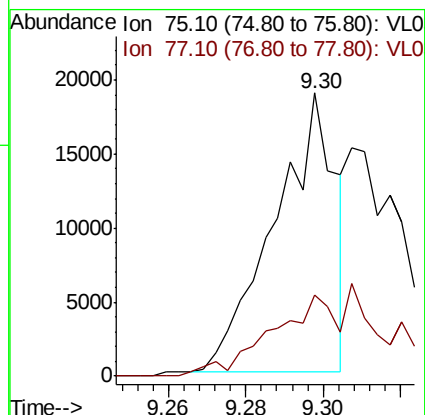
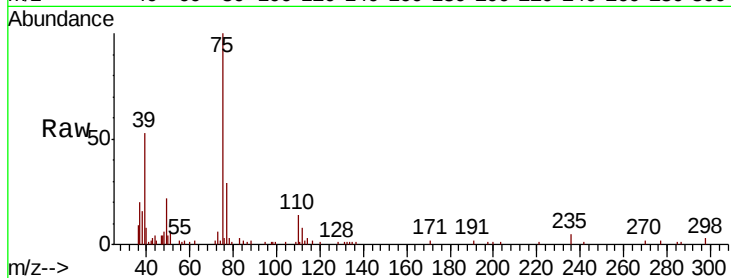




#45
 t-1,3-Dichloropropene
 Concen: 0.160 ppbv
 RT: 9.30 min Scan# 2025
 Delta R.T. 0.04 min
 Lab File: VL036418.D
 Acq: 1 Mar 2021 17:14

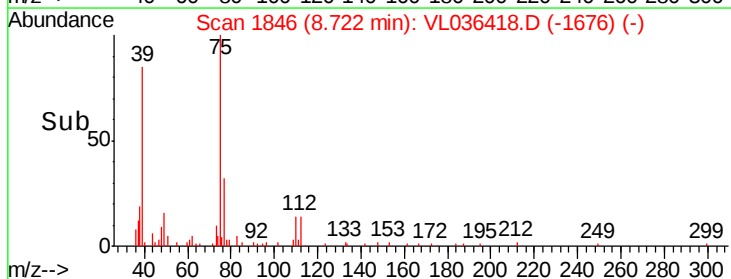
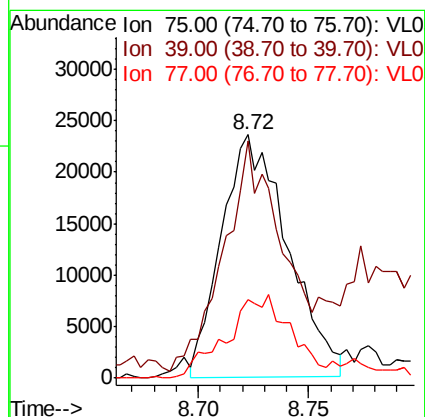
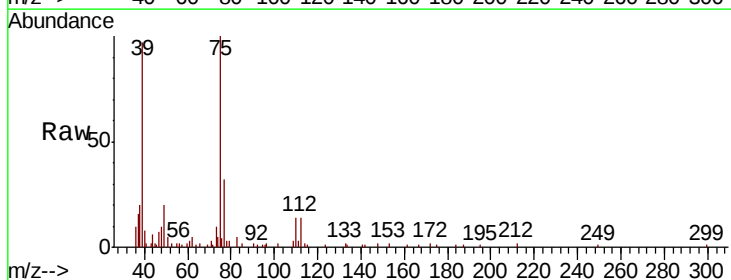
Instrument :
 MSVOA_L
 ClientSampleId :

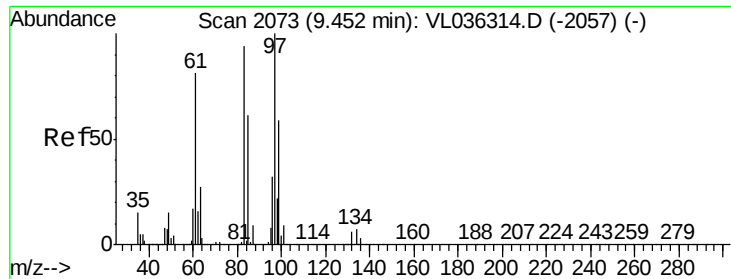
Tot Ion: 75 Resp: 20722
 Ion Ratio Lower Upper
 75 100
 77 28.6 24.6 37.0



#46
 cis-1,3-Dichloropropene
 Concen: 0.299 ppbv
 RT: 8.72 min Scan# 1846
 Delta R.T. 0.05 min
 Lab File: VL036418.D
 Acq: 1 Mar 2021 17:14

Tgt Ion: 75 Resp: 49026
 Ion Ratio Lower Upper
 75 100
 39 85.1 59.2 88.8
 77 28.6 25.0 37.6

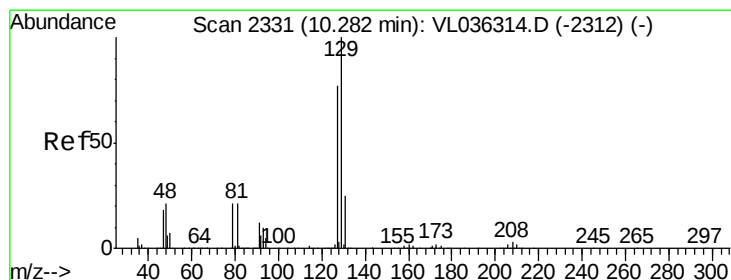
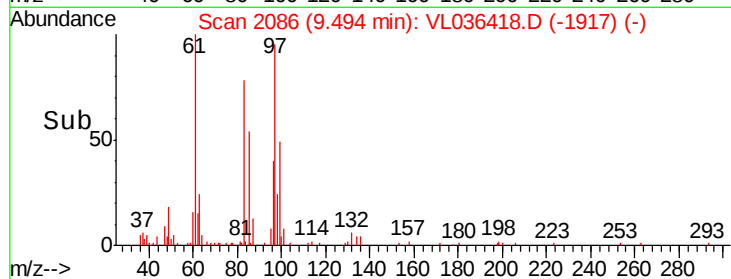
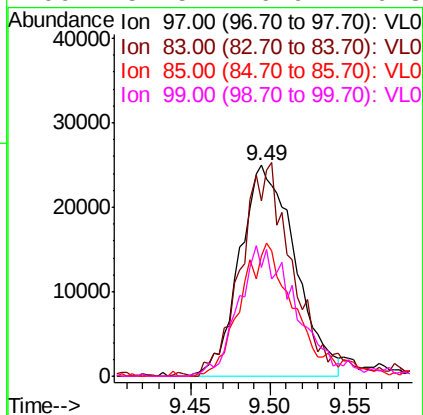
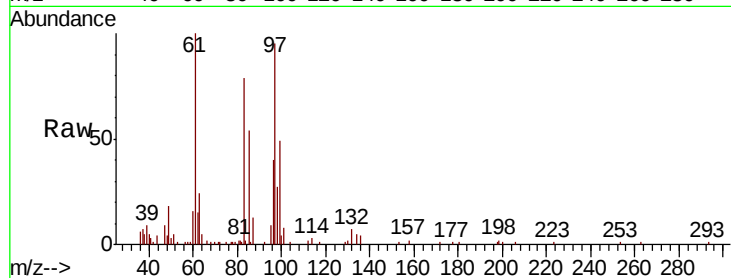




#47
 1,1,2-Trichloroethane
 Concen: 0.449 ppbv
 RT: 9.49 min Scan# 2086
 Delta R.T. 0.04 min
 Lab File: VL036418.D
 Acq: 1 Mar 2021 17:14

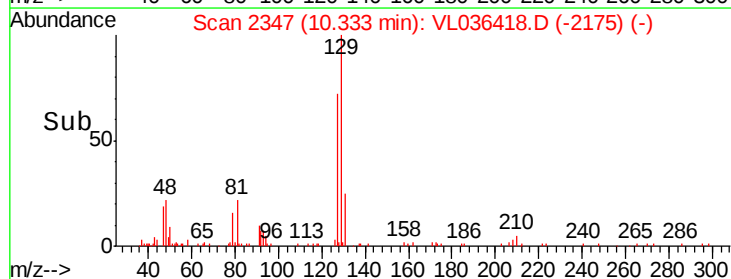
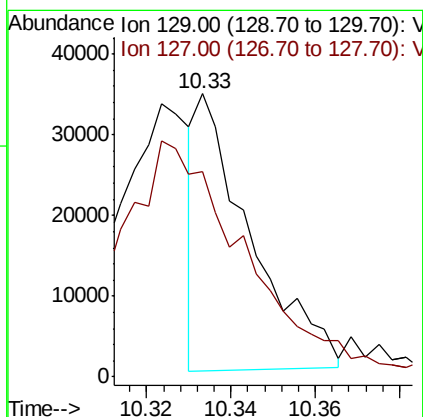
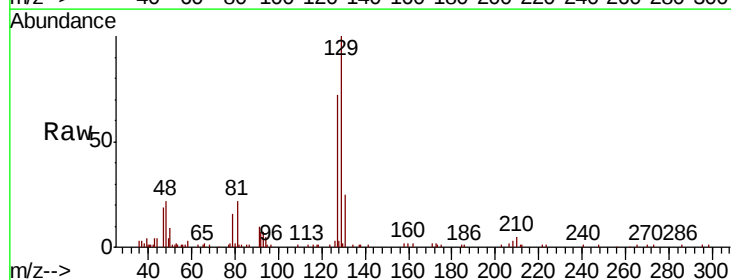
Instrument :
 MSVOA_L
 ClientSampleId :

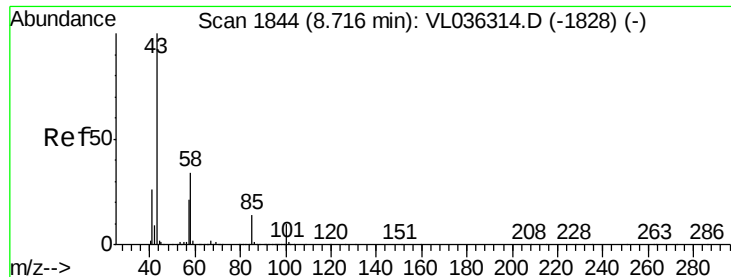
Tot Ion: 97 Resp: 59248
 Ion Ratio Lower Upper
 97 100
 83 82.1 75.4 113.0
 85 57.2 48.9 73.3
 99 51.5 46.9 70.3



#48
 Dibromochloromethane
 Concen: 0.155 ppbv
 RT: 10.33 min Scan# 2347
 Delta R.T. 0.05 min
 Lab File: VL036418.D
 Acq: 1 Mar 2021 17:14

Tgt Ion: 129 Resp: 30524
 Ion Ratio Lower Upper
 129 100
 127 0.0 39.1 117.2#

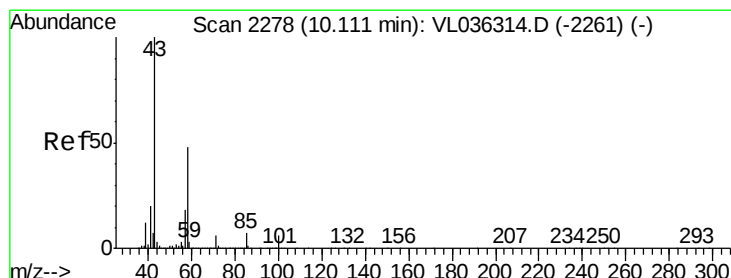
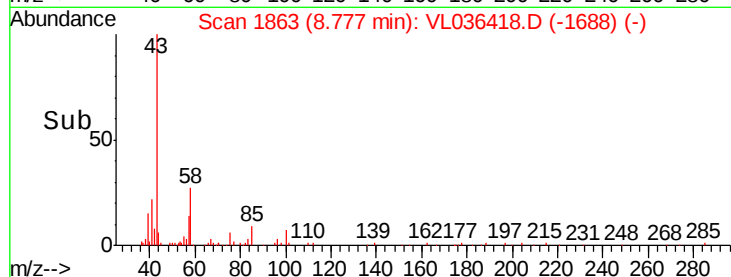
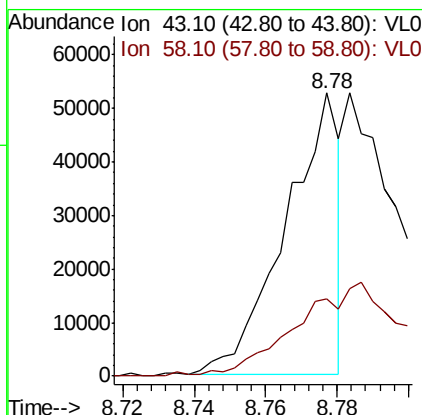
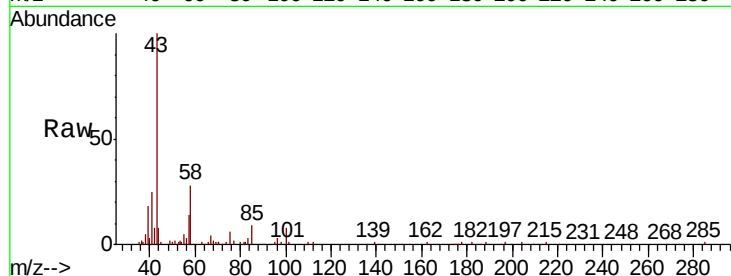




#50
 4-Methyl-2-Pentanone
 Concen: 0.149 ppbv
 RT: 8.78 min Scan# 1863
 Delta R.T. 0.06 min
 Lab File: VL036418.D
 Acq: 1 Mar 2021 17:14

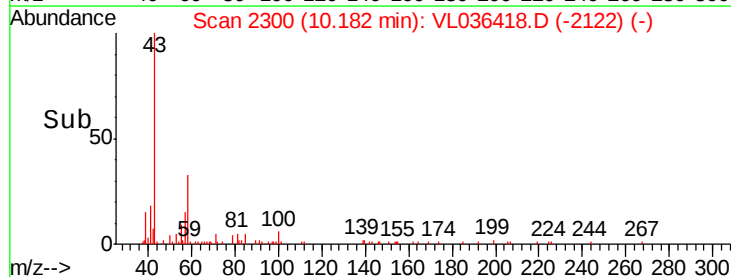
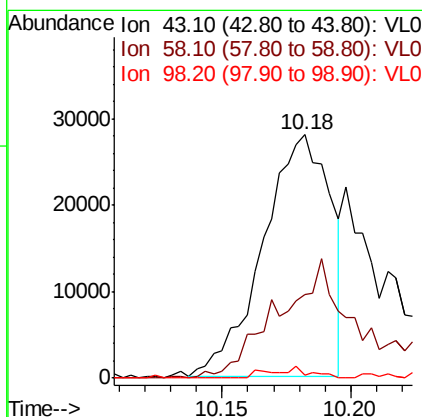
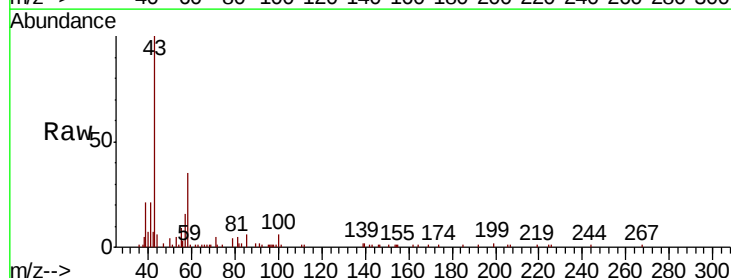
Instrument :
 MSVOA_L
 ClientSampleID :

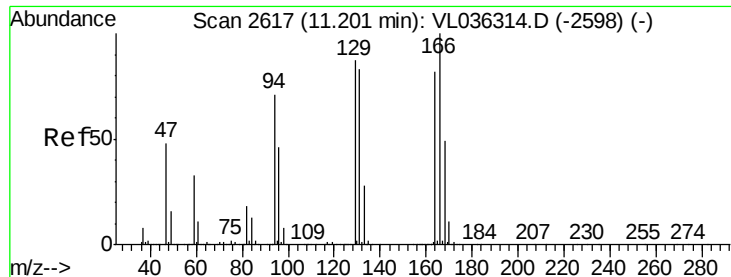
Tot Ion: 43 Resp: 54766
 Ion Ratio Lower Upper
 43 100
 58 0.0 27.8 41.6#



#51
 2-Hexanone
 Concen: 0.181 ppbv
 RT: 10.18 min Scan# 2300
 Delta R.T. 0.07 min
 Lab File: VL036418.D
 Acq: 1 Mar 2021 17:14

Tgt Ion: 43 Resp: 50758
 Ion Ratio Lower Upper
 43 100
 58 0.0 38.7 58.1#
 98 2.6 0.4 0.6#





#52

Tetrachloroethene

Concen: 0.224 ppbv

RT: 11.25 min Scan# 2633

Delta R.T. 0.05 min

Lab File: VL036418.D

Acq: 1 Mar 2021 17:14

Instrument :

MSVOA_L

ClientSampleId :

Tot Ion:164 Resp: 26086

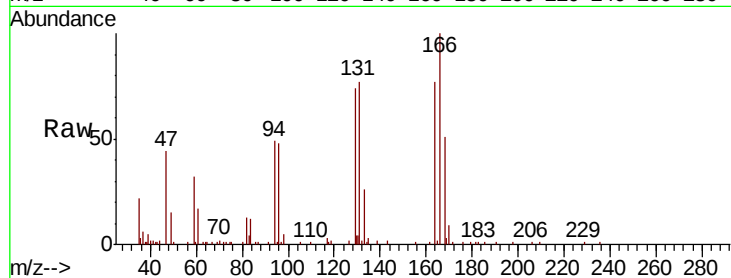
Ion Ratio Lower Upper

164 100

166 129.8 97.8 146.8

129 92.0 84.9 127.3

131 96.0 81.4 122.2

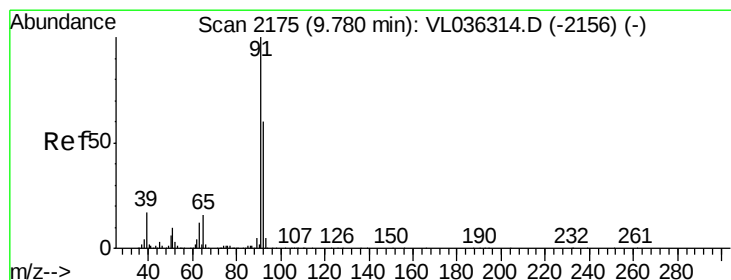
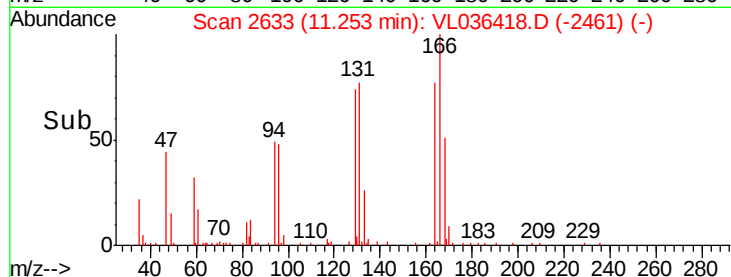
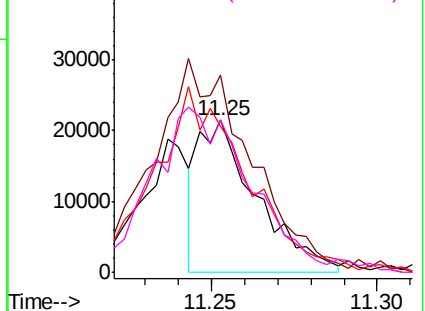


Abundance Ion 163.90 (163.60 to 164.60): V

Ion 165.90 (165.60 to 166.60): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V



#53

Toluene

Concen: 0.347 ppbv

RT: 9.83 min Scan# 2191

Delta R.T. 0.05 min

Lab File: VL036418.D

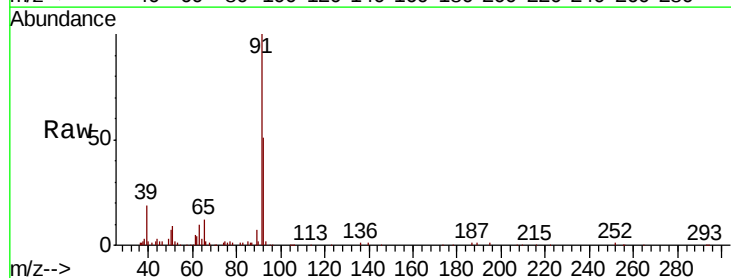
Acq: 1 Mar 2021 17:14

Tgt Ion: 91 Resp: 119409

Ion Ratio Lower Upper

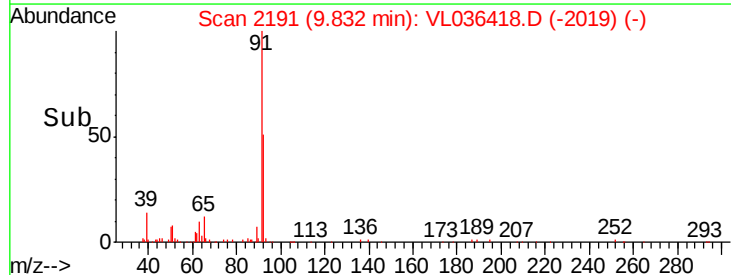
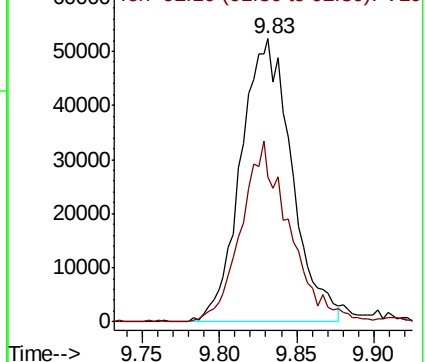
91 100

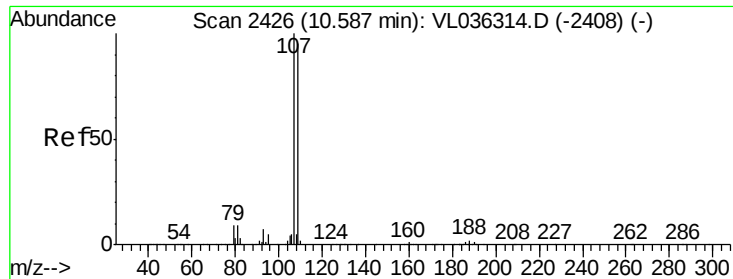
92 60.7 48.6 72.8



Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 92.10 (91.80 to 92.80): VL0

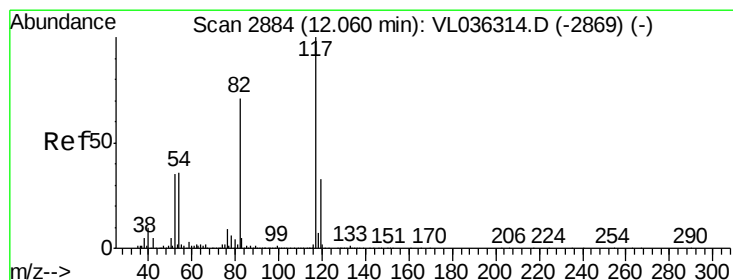
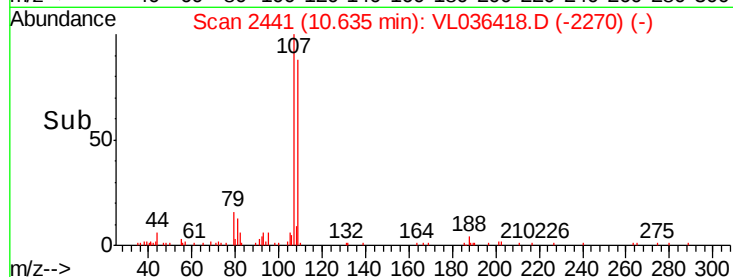
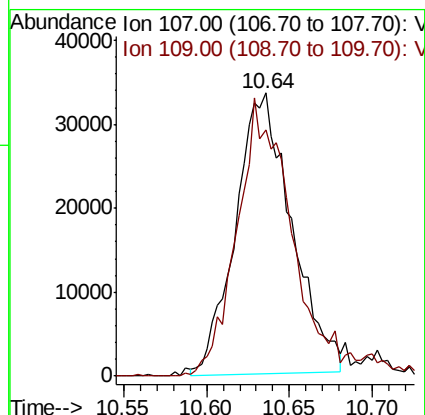
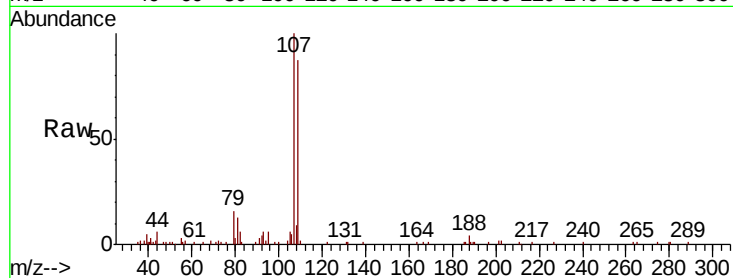




#54
1,2-Dibromoethane
Concen: 0.417 ppbv
RT: 10.64 min Scan# 2441
Delta R.T. 0.05 min
Lab File: VL036418.D
Acq: 1 Mar 2021 17:14

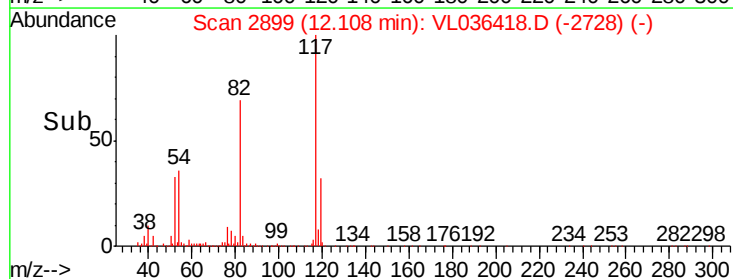
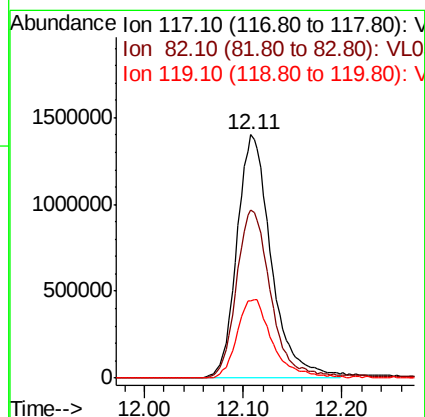
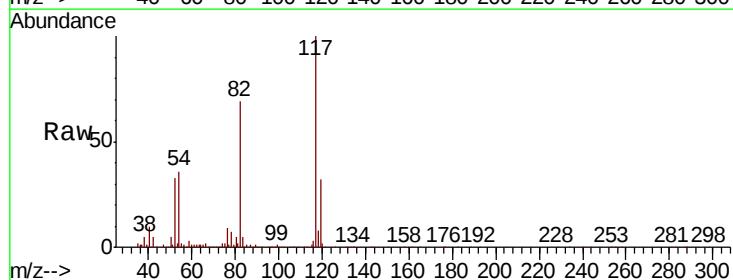
Instrument :
MSVOA_L
ClientSampleId :

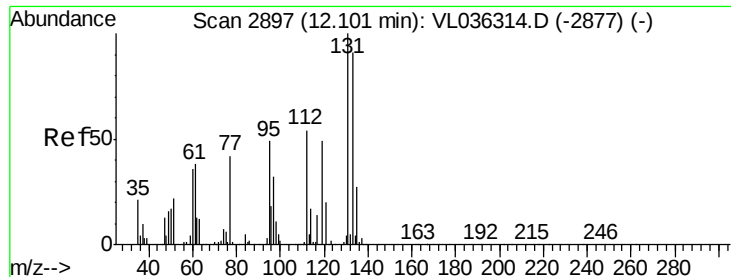
Tot Ion:107 Resp: 79508
Ion Ratio Lower Upper
107 100
109 88.1 76.0 114.0



#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.11 min Scan# 2899
Delta R.T. 0.05 min
Lab File: VL036418.D
Acq: 1 Mar 2021 17:14

Tgt Ion:117 Resp: 3386991
Ion Ratio Lower Upper
117 100
82 71.5 59.1 88.7
119 33.9 46.3 69.5#

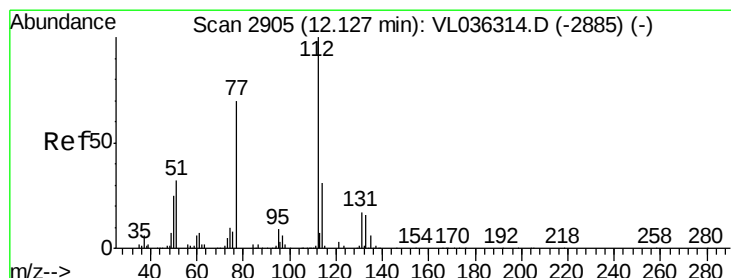
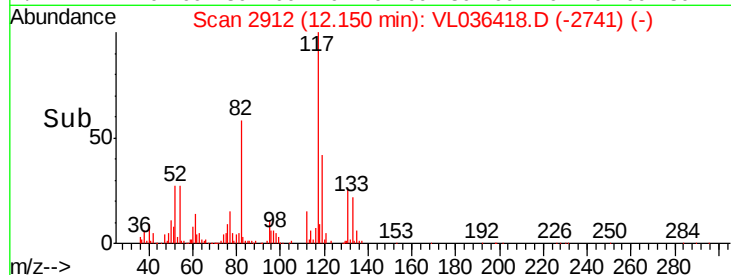
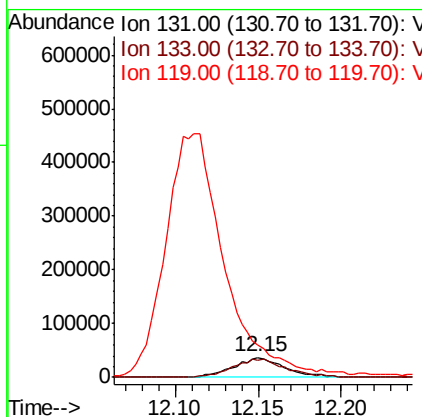
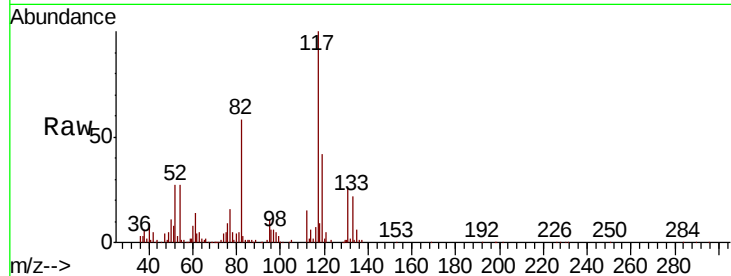




#56
 1,1,1,2-Tetrachloroethane
 Concen: 0.501 ppbv
 RT: 12.15 min Scan# 2912
 Delta R.T. 0.05 min
 Lab File: VL036418.D
 Acq: 1 Mar 2021 17:14

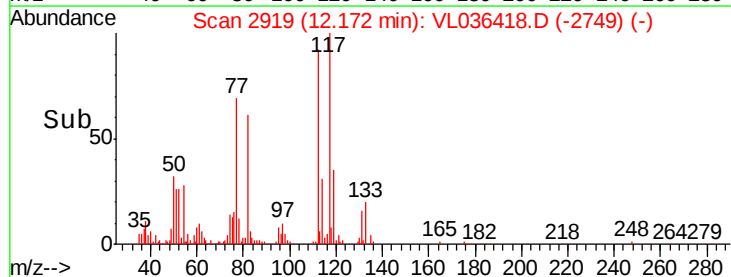
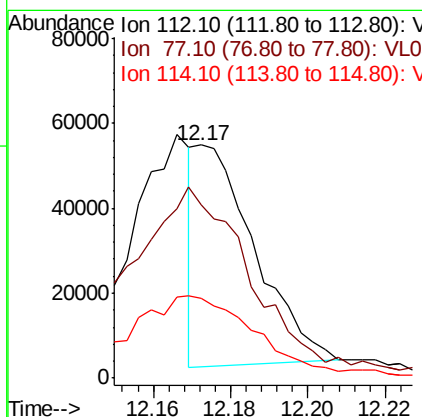
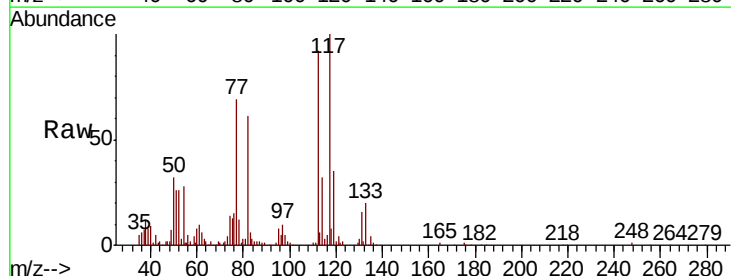
Instrument :
 MSVOA_L
 ClientSampleId :

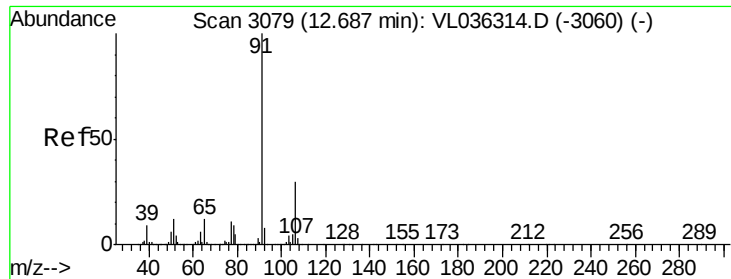
Tot Ion:131 Resp: 78016
 Ion Ratio Lower Upper
 131 100
 133 100.6 76.0 114.0
 119 1490.6 115.1 172.7#



#57
 Chlorobenzene
 Concen: 0.207 ppbv
 RT: 12.17 min Scan# 2919
 Delta R.T. 0.05 min
 Lab File: VL036418.D
 Acq: 1 Mar 2021 17:14

Tgt Ion:112 Resp: 54283
 Ion Ratio Lower Upper
 112 100
 77 70.7 56.1 84.1
 114 33.6 28.3 34.5





#58

Ethyl Benzene

Concen: 0.362 ppbv

RT: 12.74 min Scan# 3095

Delta R.T. 0.05 min

Lab File: VL036418.D

Acq: 1 Mar 2021 17:14

Instrument :

MSVOA_L

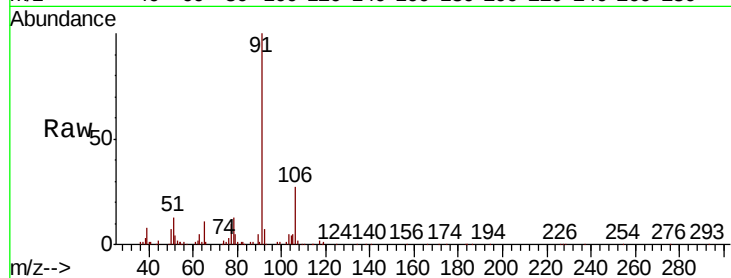
ClientSampleId :

Tot Ion: 91 Resp: 167902

Ion Ratio Lower Upper

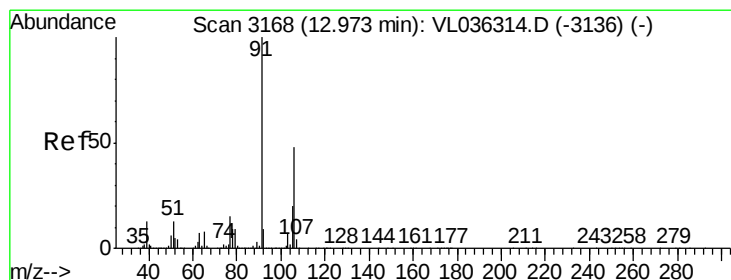
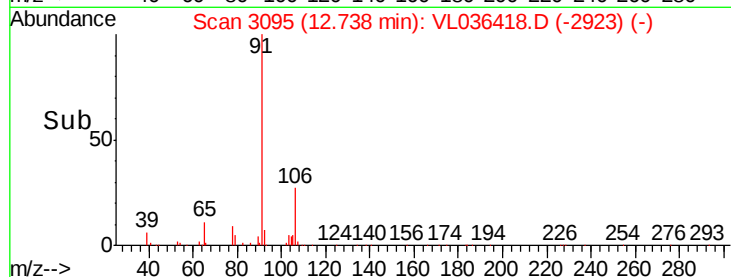
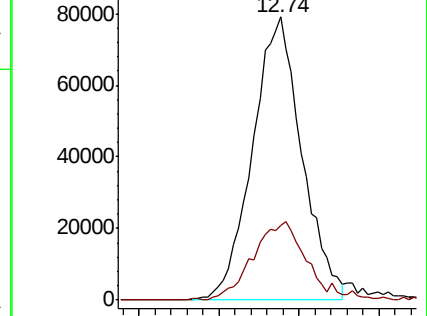
91 100

106 26.1 23.8 35.6



Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 106.10 (105.80 to 106.80): V



#59

m/p-Xylene

Concen: 0.478 ppbv

RT: 13.01 min Scan# 3181

Delta R.T. 0.04 min

Lab File: VL036418.D

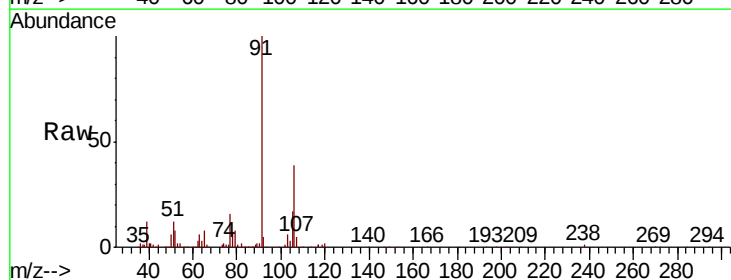
Acq: 1 Mar 2021 17:14

Tgt Ion: 91 Resp: 194624

Ion Ratio Lower Upper

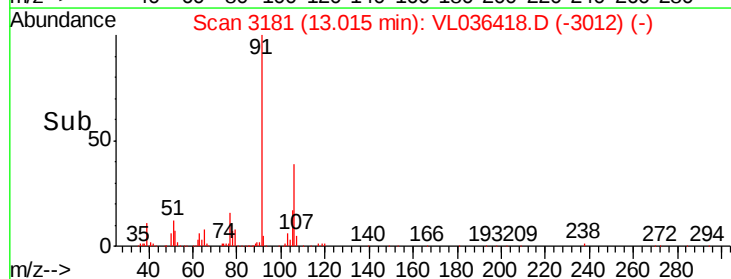
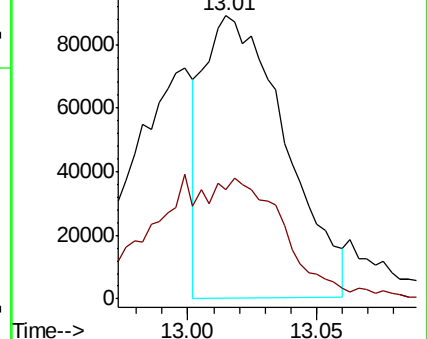
91 100

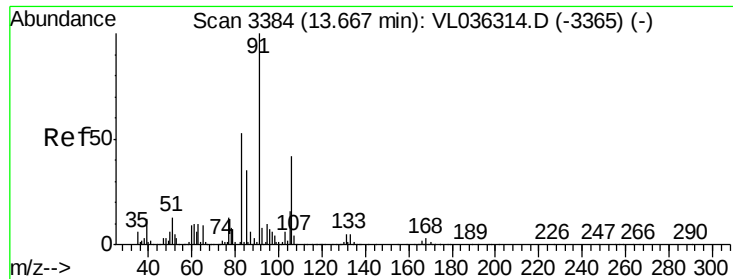
106 0.0 34.2 51.2#



Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 106.10 (105.80 to 106.80): V

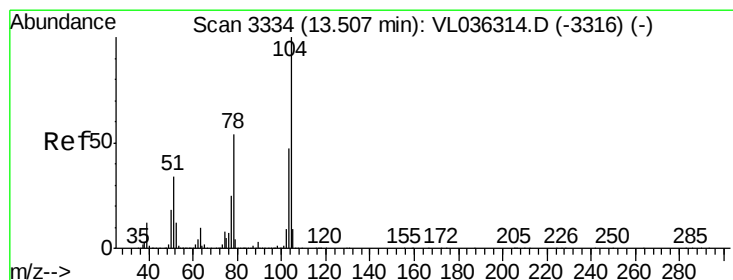
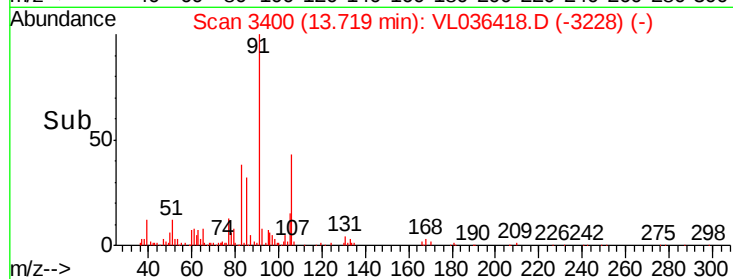
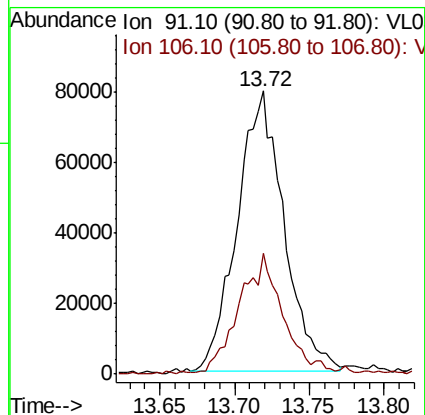
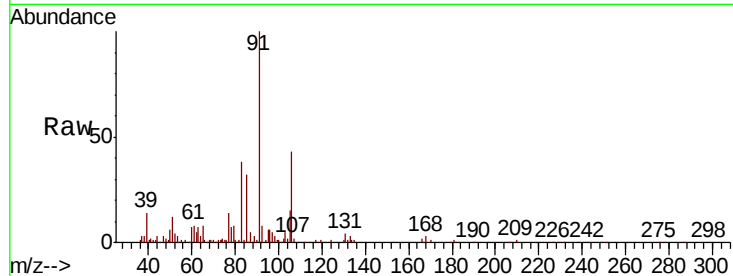




#60
o-Xylene
Concen: 0.444 ppbv
RT: 13.72 min Scan# 3400
Delta R.T. 0.05 min
Lab File: VL036418.D
Acq: 1 Mar 2021 17:14

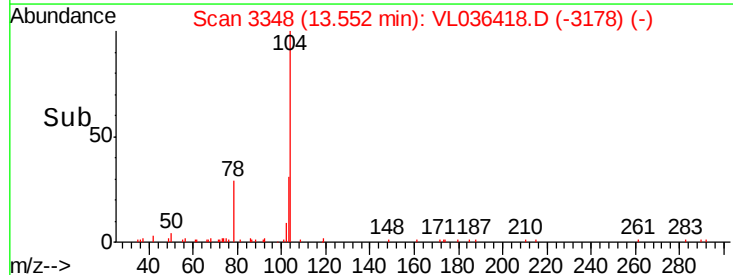
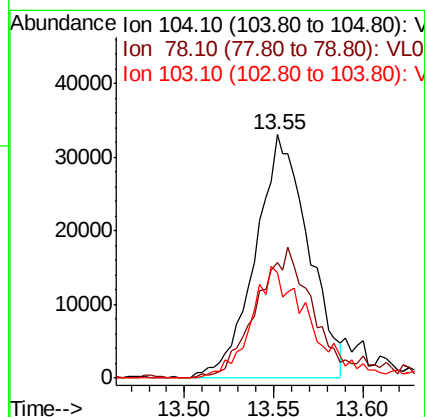
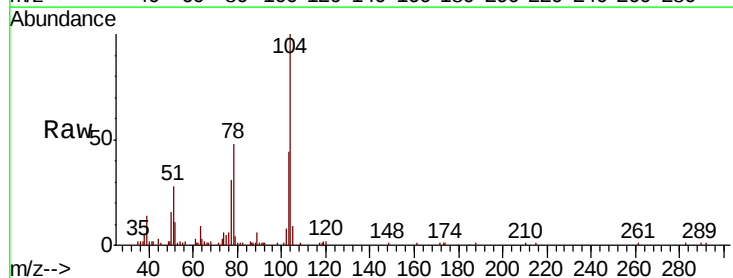
Instrument :
MSVOA_L
ClientSampleId :

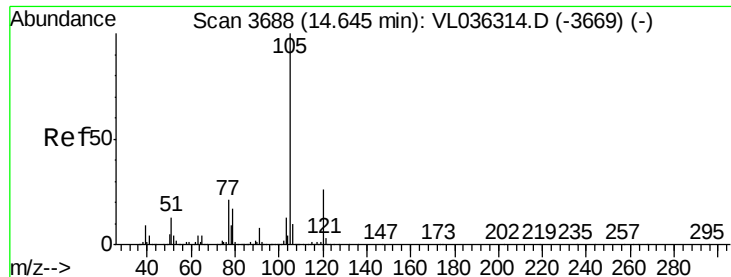
Tot Ion: 91 Resp: 172794
Ion Ratio Lower Upper
91 100
106 42.5 22.0 66.0



#61
Styrene
Concen: 0.285 ppbv
RT: 13.55 min Scan# 3348
Delta R.T. 0.05 min
Lab File: VL036418.D
Acq: 1 Mar 2021 17:14

Tgt Ion: 104 Resp: 68787
Ion Ratio Lower Upper
104 100
78 61.0 46.2 69.2
103 52.5 38.3 57.5





#62

Isopropylbenzene

Concen: 0.447 ppbv

RT: 14.69 min Scan# 3702

Delta R.T. 0.05 min

Lab File: VL036418.D

Acq: 1 Mar 2021 17:14

Instrument :

MSVOA_L

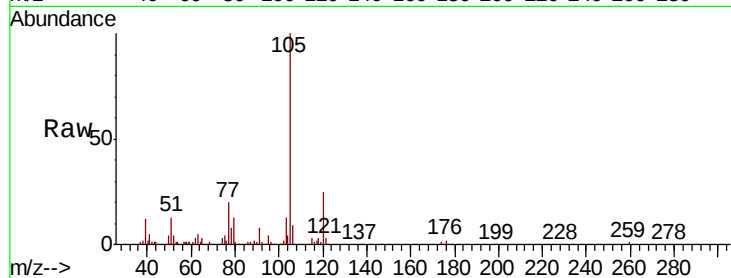
ClientSampleId :

Tot Ion:105 Resp: 261219

Ion Ratio Lower Upper

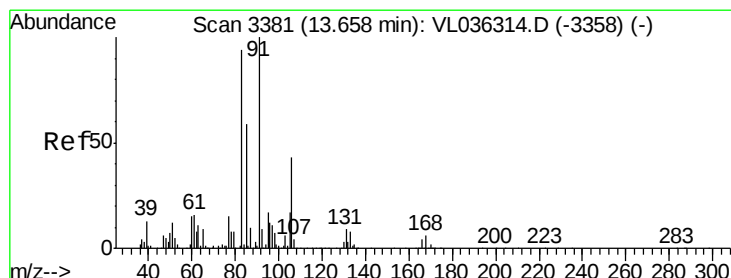
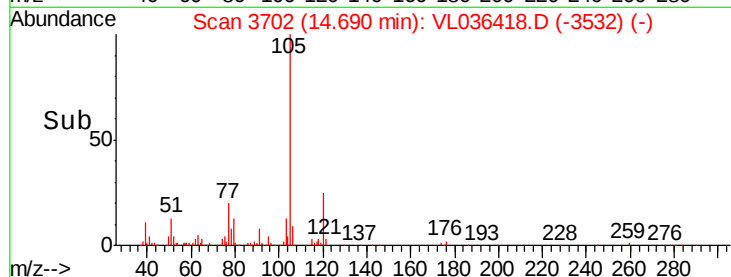
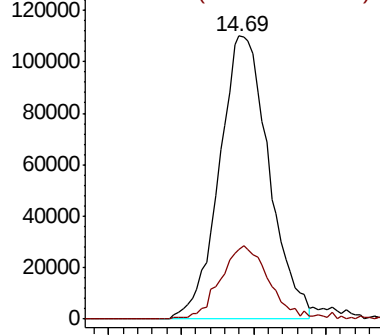
105 100

120 26.1 20.6 30.8



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: 0.202 ppbv

RT: 13.71 min Scan# 3397

Delta R.T. 0.05 min

Lab File: VL036418.D

Acq: 1 Mar 2021 17:14

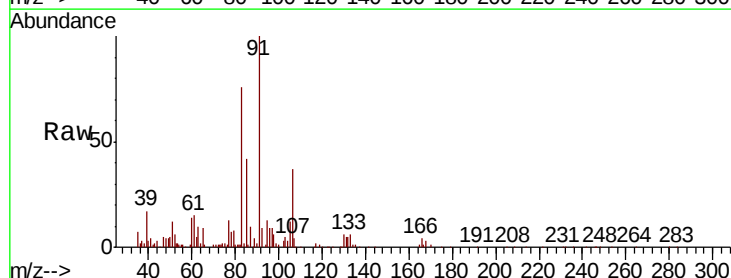
Tgt Ion: 83 Resp: 62194

Ion Ratio Lower Upper

83 100

131 0.0 4.7 14.0#

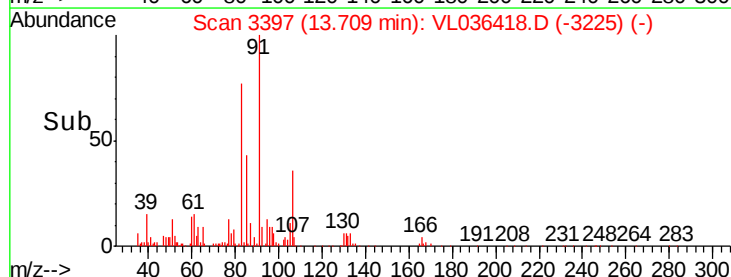
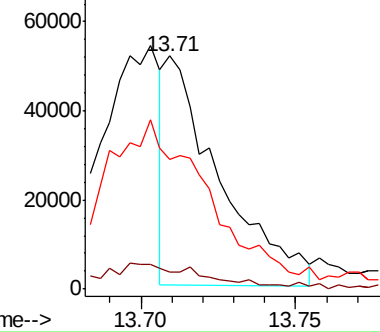
85 0.0 33.0 98.9#

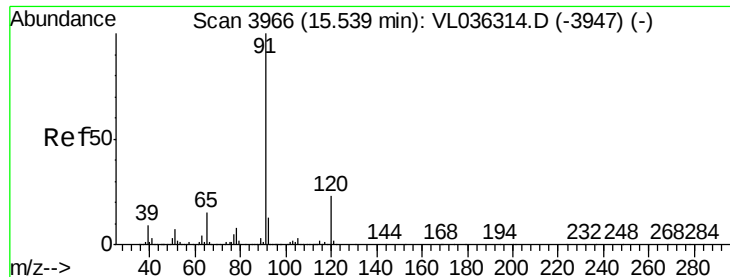


Abundance Ion 83.00 (82.70 to 83.70): VL0

Ion 131.00 (130.70 to 131.70): V

Ion 85.00 (84.70 to 85.70): VL0





#64

n-propylbenzene

Concen: 0.282 ppbv

RT: 15.58 min Scan# 3980

Delta R.T. 0.05 min

Lab File: VL036418.D

Acq: 1 Mar 2021 17:14

Instrument :

MSVOA_L

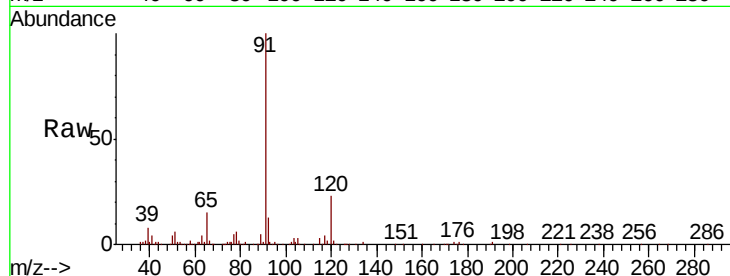
ClientSampled :

Tot Ion:120 Resp: 40563

Ion Ratio Lower Upper

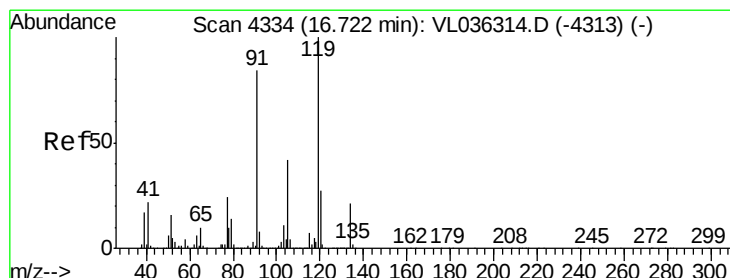
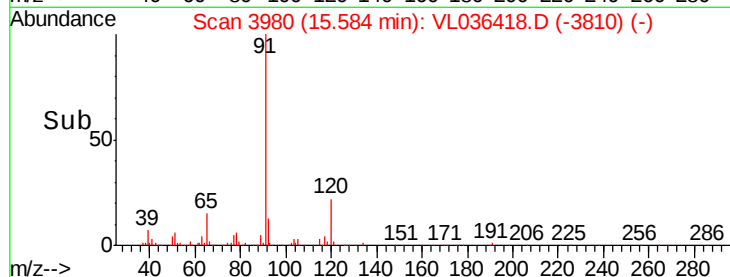
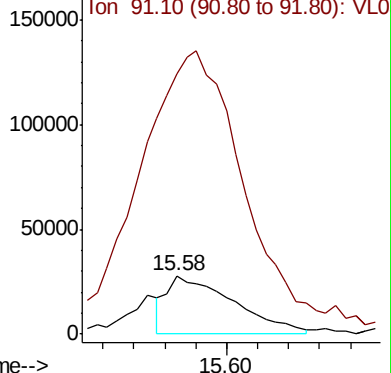
120 100

91 828.5 387.2 580.8#



Abundance Ion 120.20 (119.90 to 120.90): V

Ion 91.10 (90.80 to 91.80): VL0



#65

tert-Butylbenzene

Concen: 0.417 ppbv

RT: 16.77 min Scan# 4350

Delta R.T. 0.05 min

Lab File: VL036418.D

Acq: 1 Mar 2021 17:14

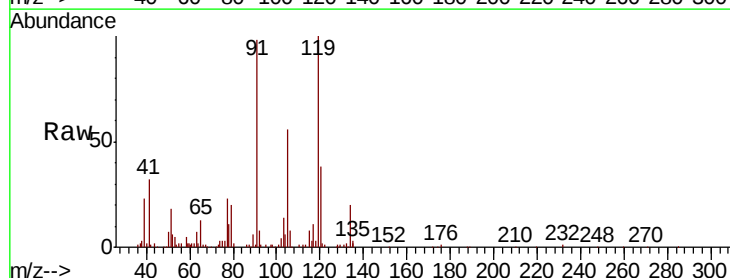
Tgt Ion:119 Resp: 208076

Ion Ratio Lower Upper

119 100

91 100.5 70.5 105.7

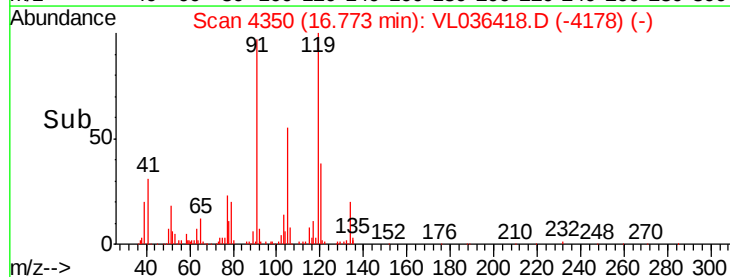
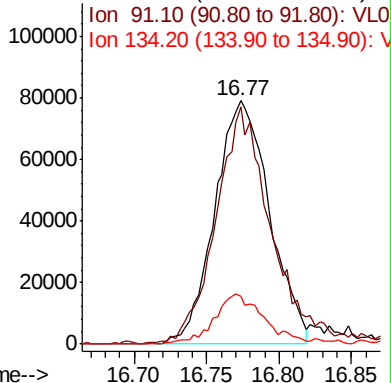
134 19.4 15.8 23.8

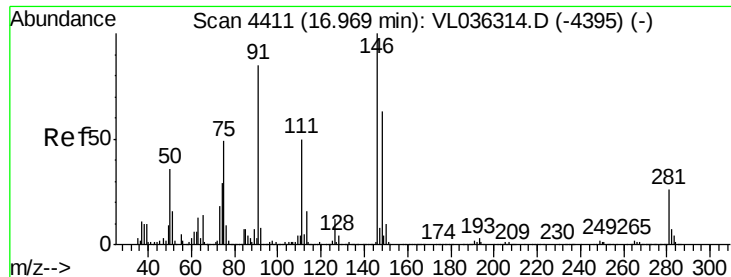


Abundance Ion 119.20 (118.90 to 119.90): V

Ion 91.10 (90.80 to 91.80): VL0

Ion 134.20 (133.90 to 134.90): V

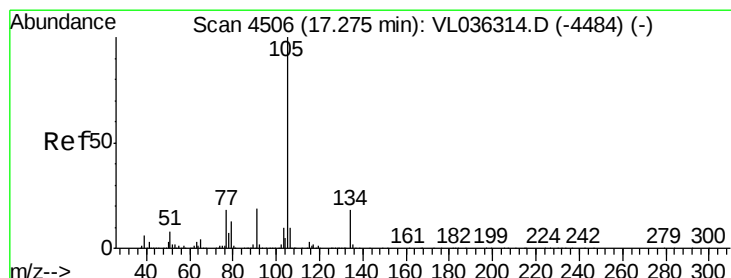
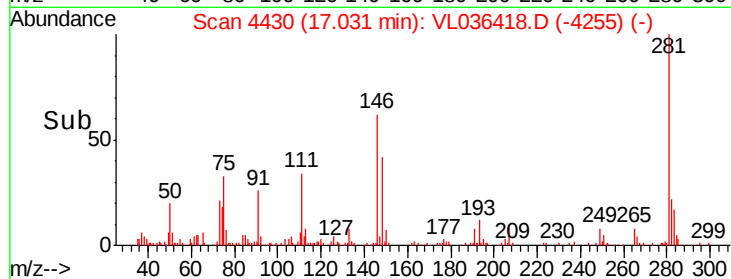
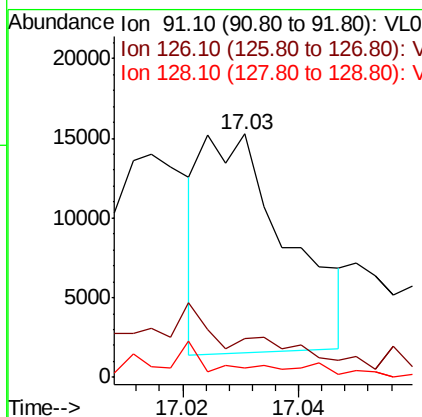
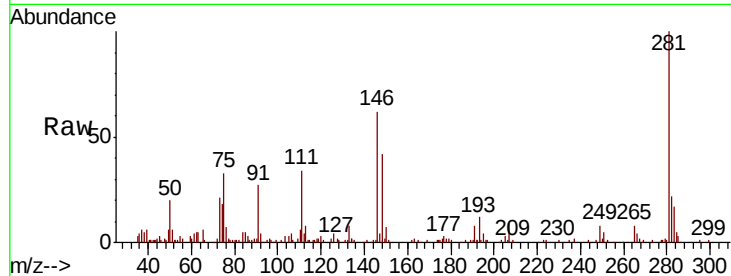




#66
Benzyl Chloride
Concen: 0.102 ppbv
RT: 17.03 min Scan# 4430
Delta R.T. 0.06 min
Lab File: VL036418.D
Acq: 1 Mar 2021 17:14

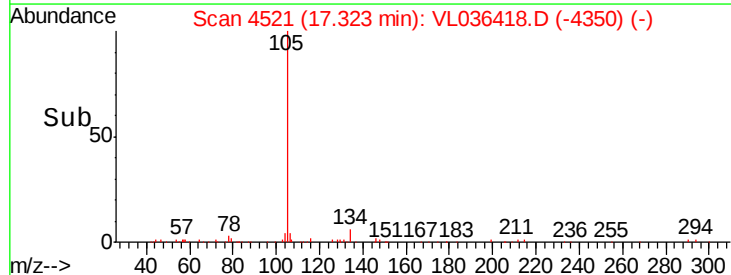
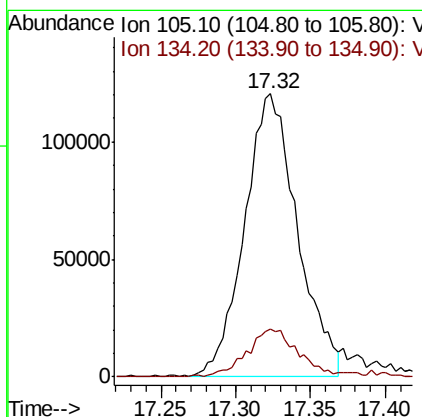
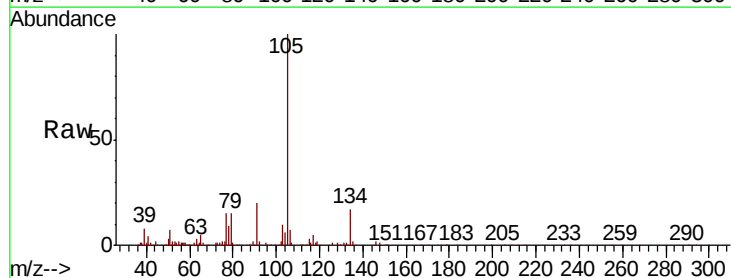
Instrument :
MSVOA_L
ClientSampled :

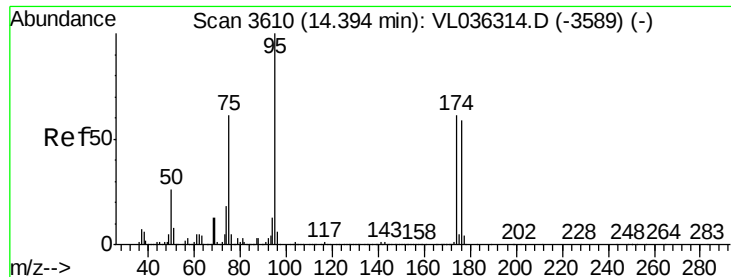
Tot Ion: 91 Resp: 13887
Ion Ratio Lower Upper
91 100
126 0.0 12.9 19.3#
128 0.0 4.2 6.2#



#67
sec-Butylbenzene
Concen: 0.408 ppbv
RT: 17.32 min Scan# 4521
Delta R.T. 0.05 min
Lab File: VL036418.D
Acq: 1 Mar 2021 17:14

Tgt Ion: 105 Resp: 294125
Ion Ratio Lower Upper
105 100
134 16.4 14.2 21.4

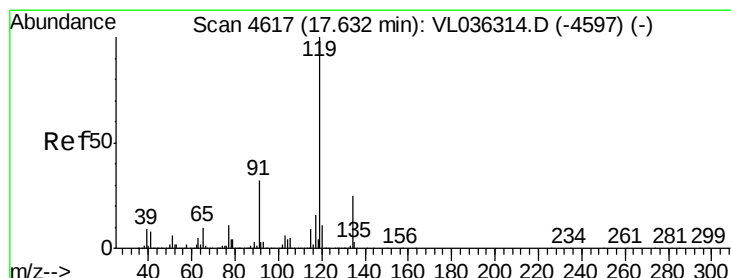
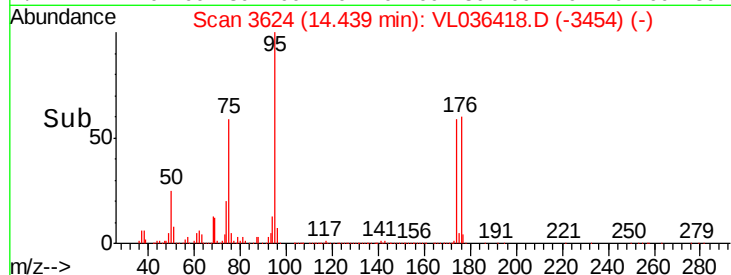
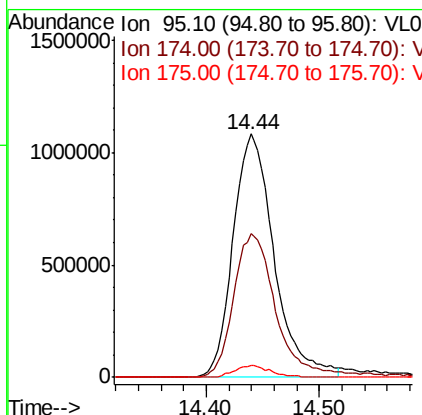
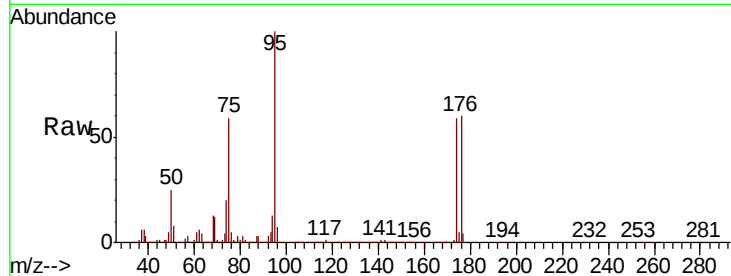




#68
1-Bromo-4-Fluorobenzene
Concen: 9.807 ppbv
RT: 14.44 min Scan# 3624
Delta R.T. 0.05 min
Lab File: VL036418.D
Acq: 1 Mar 2021 17:14

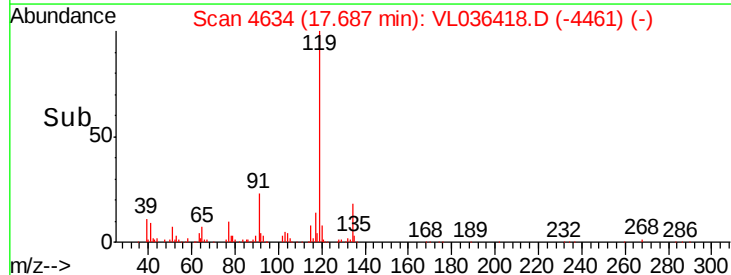
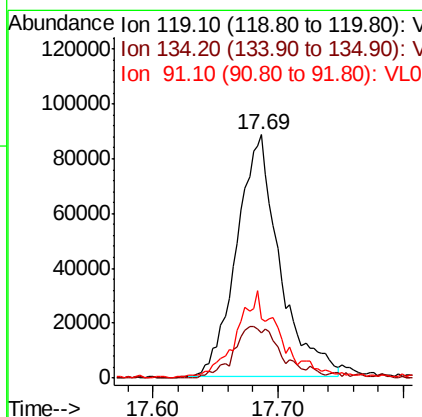
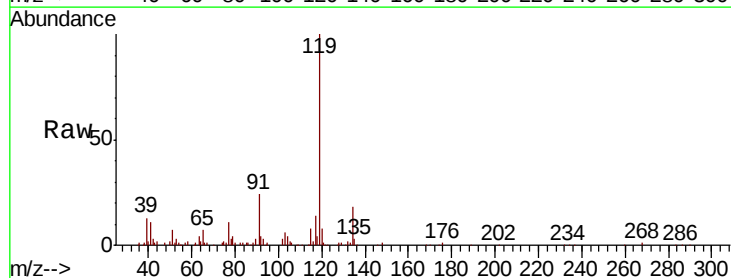
Instrument :
MSVOA_L
ClientSampled :

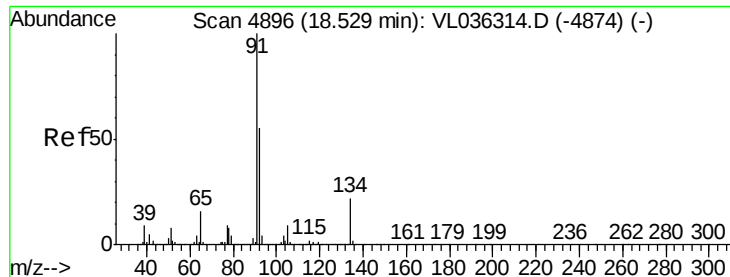
Tot Ion: 95 Resp: 2732930
Ion Ratio Lower Upper
95 100
174 63.1 49.8 74.6
175 4.7 3.7 5.5



#69
p-Isopropyltoluene
Concen: 0.379 ppbv
RT: 17.69 min Scan# 4634
Delta R.T. 0.05 min
Lab File: VL036418.D
Acq: 1 Mar 2021 17:14

Tgt Ion: 119 Resp: 211128
Ion Ratio Lower Upper
119 100
134 25.5 20.1 30.1
91 37.1 25.8 38.6

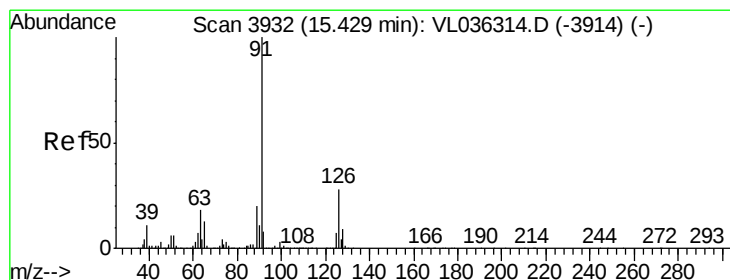
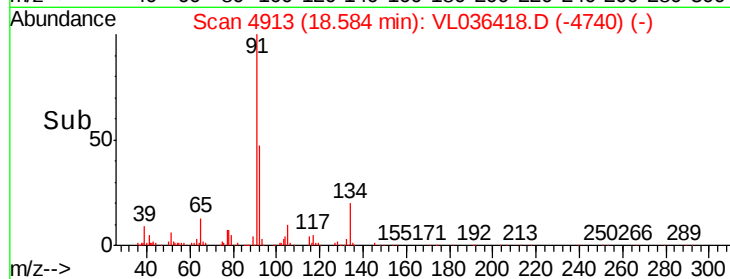
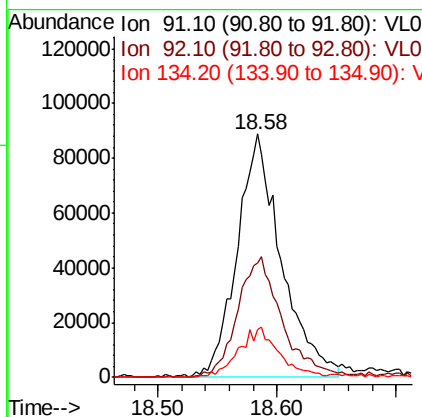
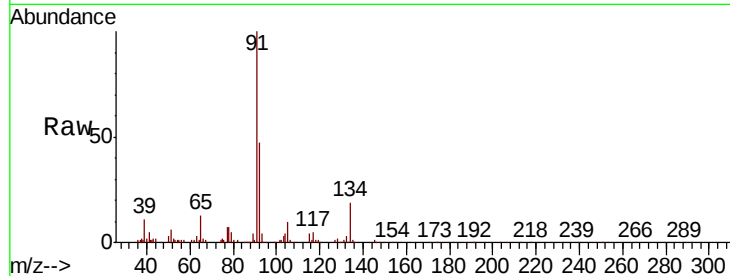




#70
n-Butylbenzene
Concen: 0.380 ppbv
RT: 18.58 min Scan# 4913
Delta R.T. 0.05 min
Lab File: VL036418.D
Acq: 1 Mar 2021 17:14

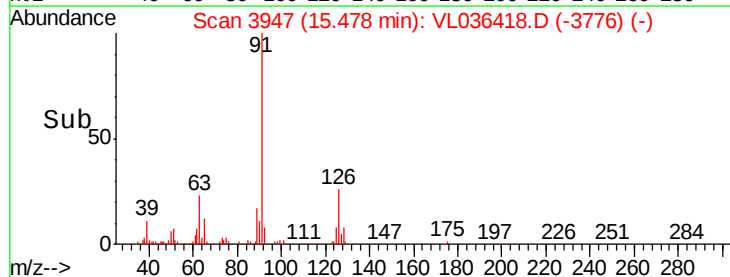
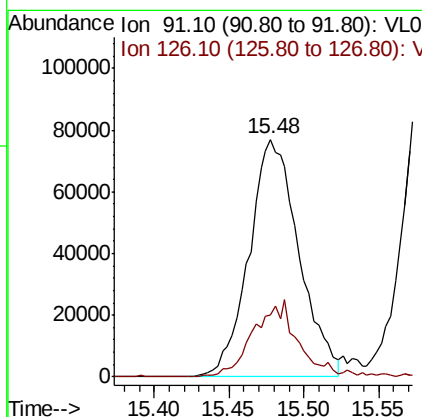
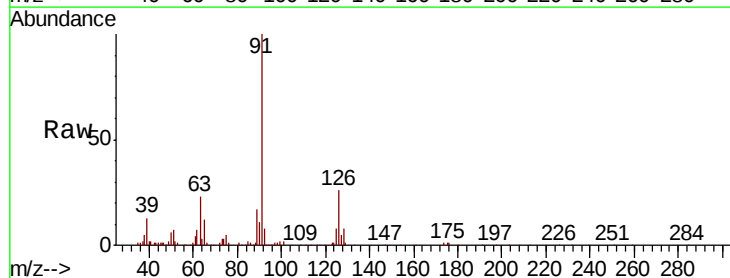
Instrument :
MSVOA_L
ClientSampled :

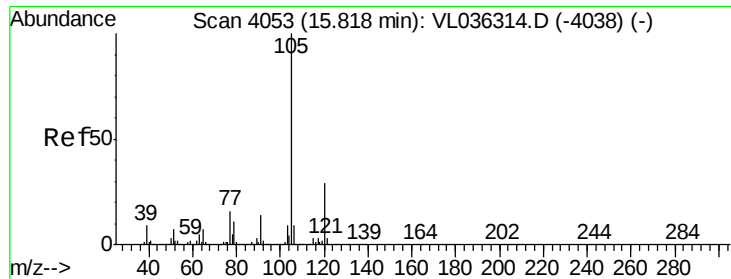
Tot Ion: 91 Resp: 226763
Ion Ratio Lower Upper
91 100
92 49.9 43.7 65.5
134 19.4 17.4 26.0



#71
2-Chlorotoluene
Concen: 0.400 ppbv
RT: 15.48 min Scan# 3947
Delta R.T. 0.05 min
Lab File: VL036418.D
Acq: 1 Mar 2021 17:14

Tgt Ion: 91 Resp: 178880
Ion Ratio Lower Upper
91 100
126 29.4 11.5 46.1





#72

4-Ethyltoluene

Concen: 0.345 ppbv

RT: 15.87 min Scan# 4068

Delta R.T. 0.05 min

Lab File: VL036418.D

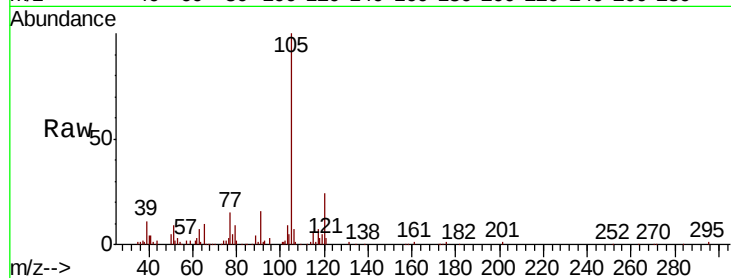
Acq: 1 Mar 2021 17:14

Instrument :

MSVOA_L

ClientSampled :

Tot Ion:	105	Resp:	149644
Ion	Ratio	Lower	Upper
105	100		
120	32.2	23.2	34.8
91	18.5	11.0	16.4
77	17.6	12.2	18.4

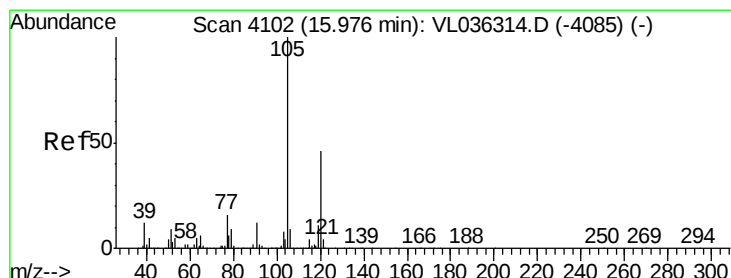
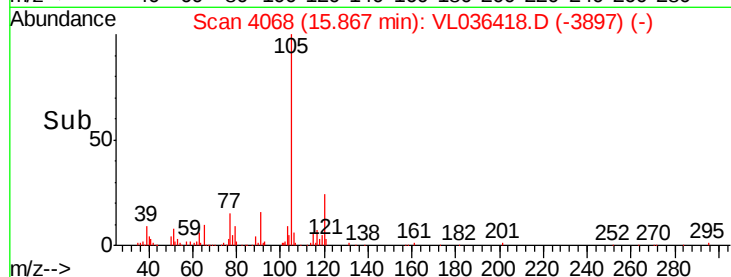
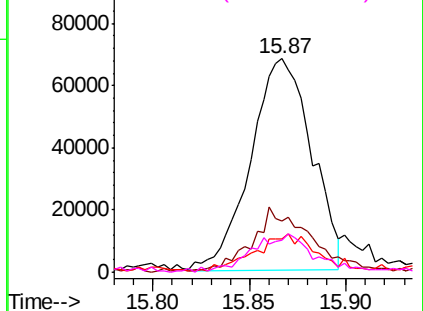


Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V

Ion 91.10 (90.80 to 91.80): VL0

Ion 77.10 (76.80 to 77.80): VL0



#73

1,3,5-Trimethylbenzene

Concen: 0.119 ppbv

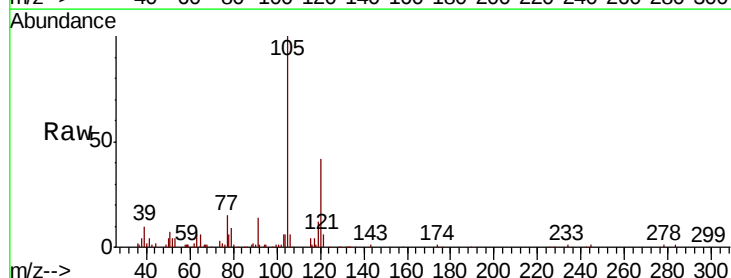
RT: 16.03 min Scan# 4120

Delta R.T. 0.06 min

Lab File: VL036418.D

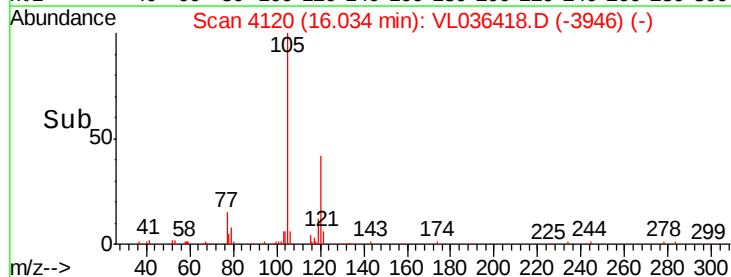
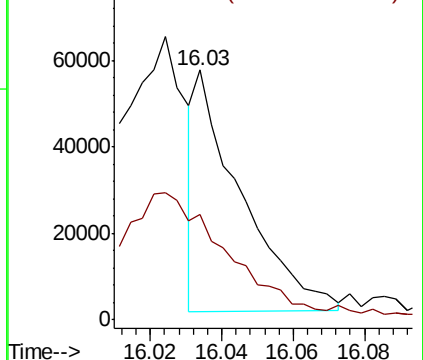
Acq: 1 Mar 2021 17:14

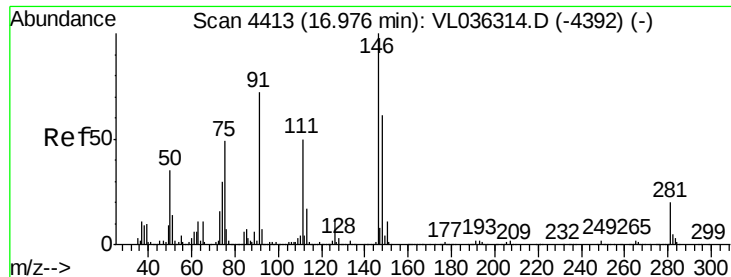
Tgt Ion:	105	Resp:	49929
Ion	Ratio	Lower	Upper
105	100		
120	39.4	36.9	55.3



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V





#75

1,3-Dichlorobenzene

Concen: 0.465 ppbv

RT: 17.02 min Scan# 4428

Delta R.T. 0.05 min

Lab File: VL036418.D

Acq: 1 Mar 2021 17:14

Instrument :

MSVOA_L

ClientSampleId :

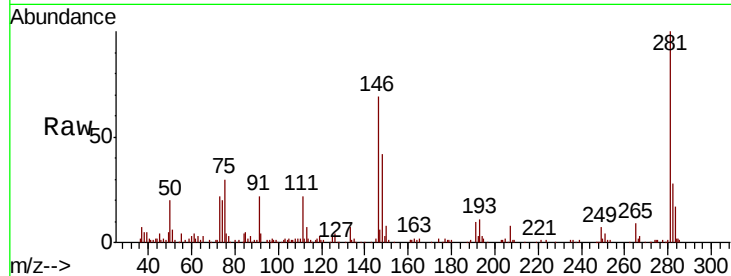
Tot Ion:146 Resp: 108199

Ion Ratio Lower Upper

146 100

111 54.9 24.9 74.6

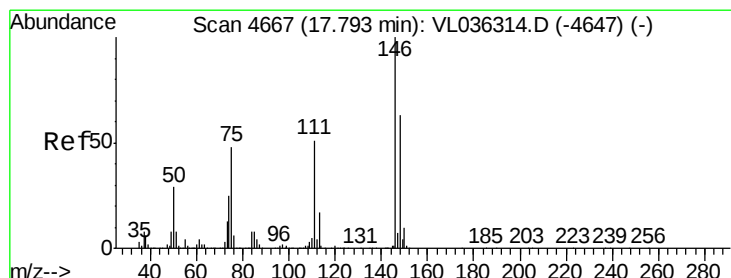
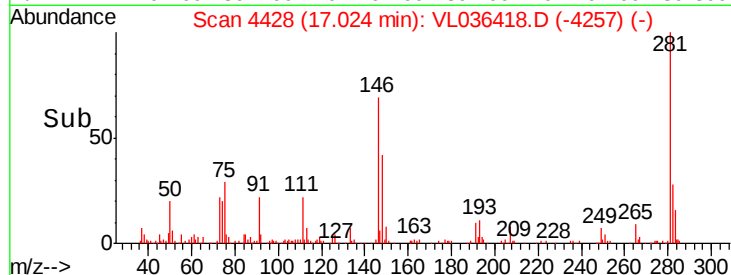
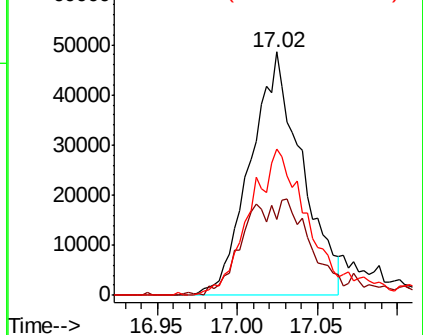
148 71.6 31.9 95.9



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: 0.132 ppbv

RT: 17.86 min Scan# 4687

Delta R.T. 0.06 min

Lab File: VL036418.D

Acq: 1 Mar 2021 17:14

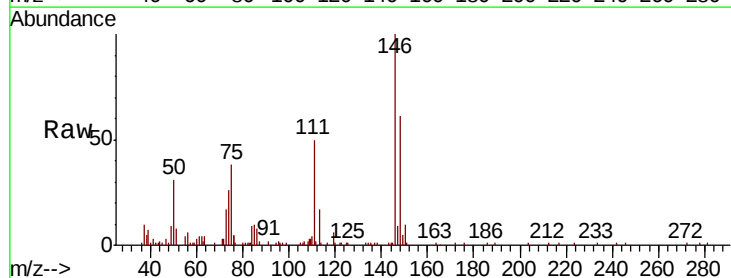
Tgt Ion:146 Resp: 30413

Ion Ratio Lower Upper

146 100

111 0.0 25.9 77.8#

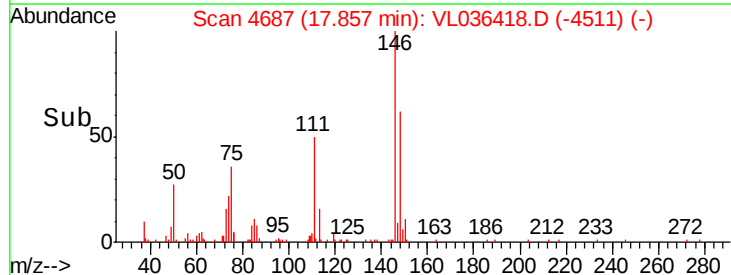
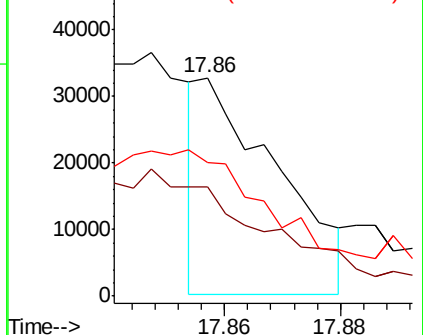
148 211.3 32.5 97.4#

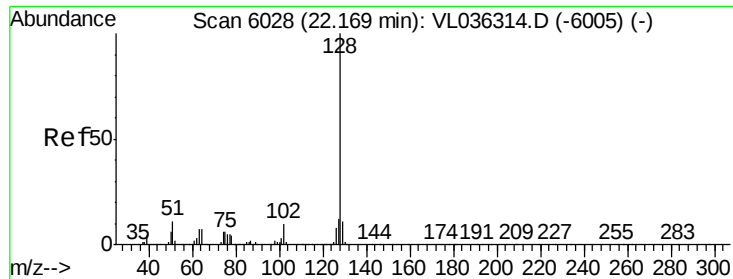


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.10 (110.80 to 111.80): V

Ion 148.00 (147.70 to 148.70): V





#79

Naphthalene

Concen: 0.046 ppbv

RT: 22.25 min Scan# 6053

Delta R.T. 0.08 min

Lab File: VL036418.D

Acq: 1 Mar 2021 17:14

Instrument :

MSVOA_L

ClientSampled :

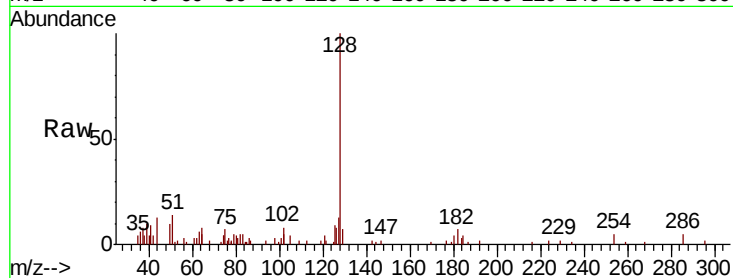
Tot Ion:128 Resp: 11746

Ion Ratio Lower Upper

128 100

127 7.8 9.6 14.4#

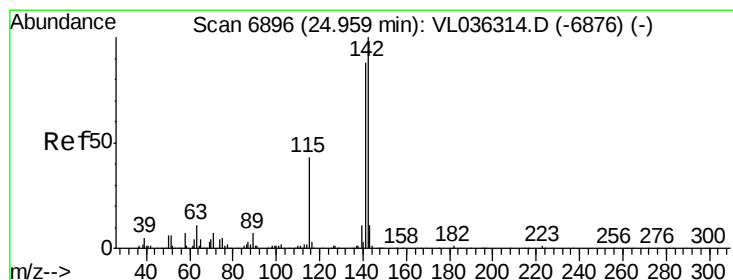
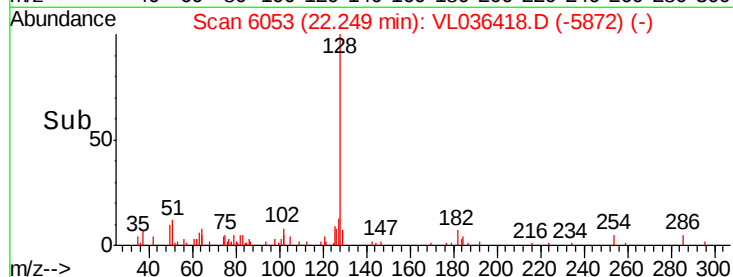
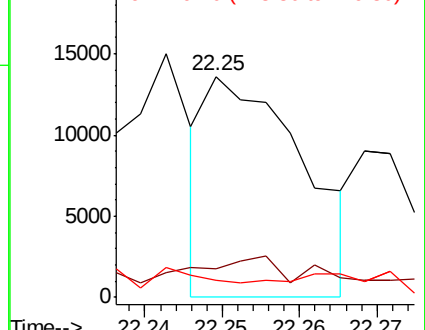
129 0.0 8.5 12.7#



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: 0.053 ppbv

RT: 25.05 min Scan# 6924

Delta R.T. 0.09 min

Lab File: VL036418.D

Acq: 1 Mar 2021 17:14

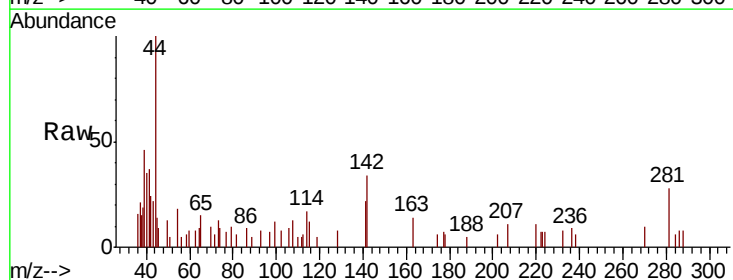
Tgt Ion:142 Resp: 2488

Ion Ratio Lower Upper

142 100

141 0.0 64.4 96.6#

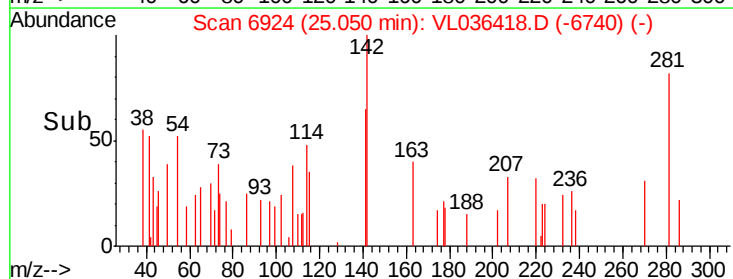
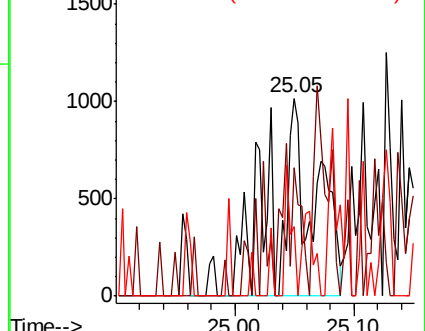
115 26.4 34.6 51.8#

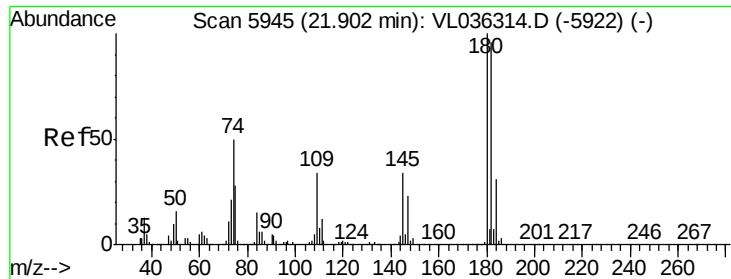


Abundance Ion 142.00 (141.70 to 142.70): V

Ion 141.00 (140.70 to 141.70): V

Ion 115.00 (114.70 to 115.70): V

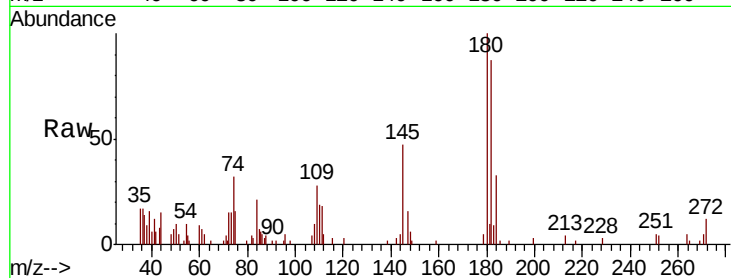




#81
 1,2,4-Trichlorobenzene
 Concen: 0.046 ppbv
 RT: 21.99 min Scan# 5971
 Delta R.T. 0.08 min
 Lab File: VL036418.D
 Acq: 1 Mar 2021 17:14

Instrument :
 MSVOA_L
 ClientSampleId :

Tot Ion:180 Resp: 7064
 Ion Ratio Lower Upper
 180 100
 182 0.0 80.2 120.4#
 184 0.0 25.0 37.6#



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

