

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL032621\
 Data File : VL036516.D
 Acq On : 26 Mar 2021 16:26
 Operator : SY/AP
 Sample : M1760-05
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Mar 27 03:29:35 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	5.69	49	1516780	10.00	ppbv	0.02
33) 1,4-Difluorobenzene	7.20	114	3383758	10.00	ppbv	0.02
55) Chlorobenzene-d5	12.12	117	3105236	10.00	ppbv	0.03

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.45	95	2466048	9.96	ppbv	0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.60%

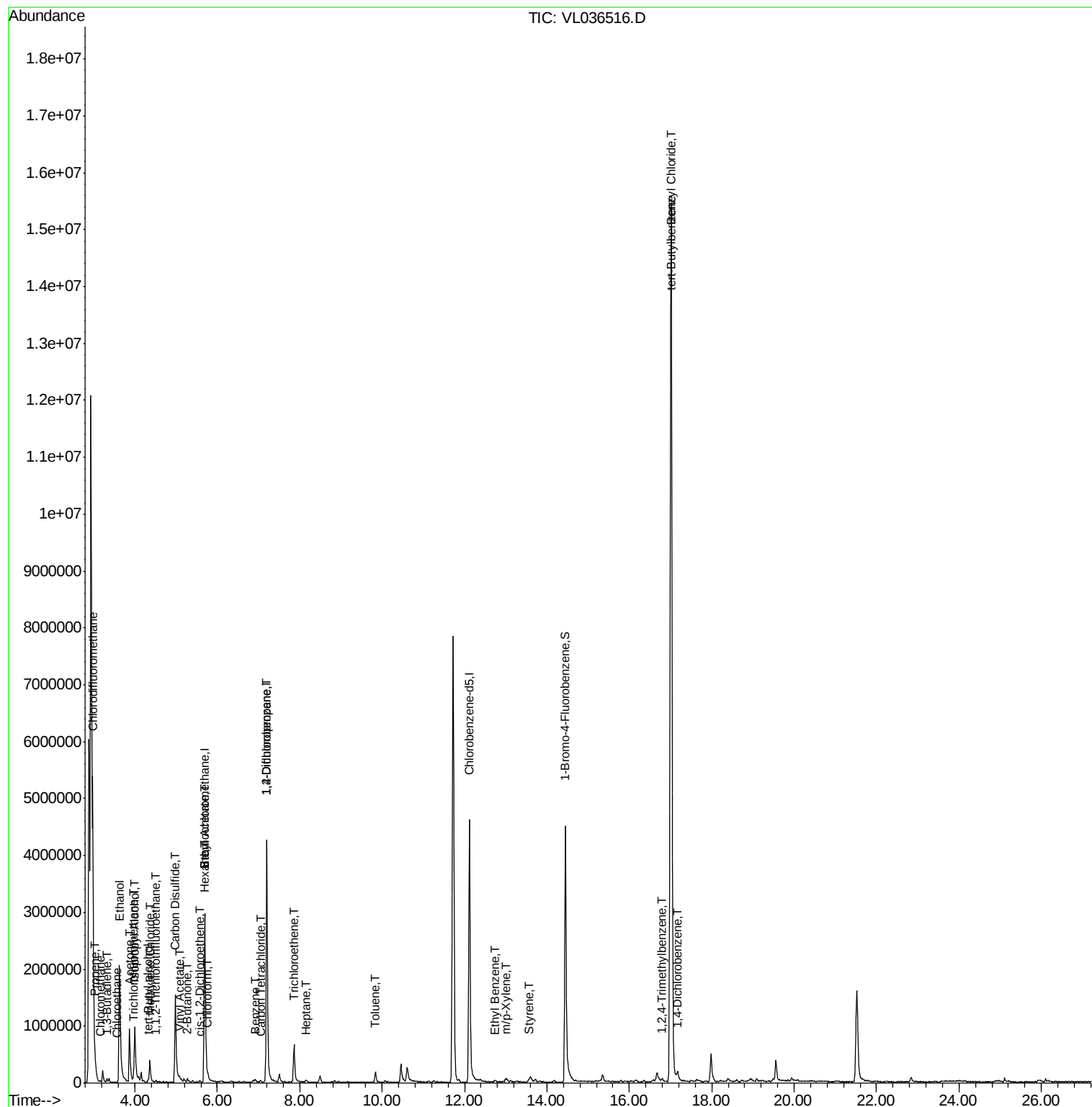
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chlorodifluoromethane	2.97	51	3534915	12.474	ppbv #	59
4) Chloromethane	3.15	50	18507	0.185	ppbv #	81
7) Chloroethane	3.57	64	1317	0.037	ppbv #	34
9) Propene	3.03	41	14467	0.160	ppbv #	43
10) Heptane	8.14	43	5126	0.022	ppbv #	1
11) Trichlorofluoromethane	3.96	101	48337	0.192	ppbv	99
12) 1,1,2-Trichlorotrifluoroet	4.50	101	5342	0.033	ppbv #	1
13) Ethanol	3.63	45	3084527	286.708	ppbv	93
15) Acetone	3.87	43	1133273	7.591	ppbv	97
16) 1,3-Butadiene	3.34	39	3223	0.031	ppbv	92
17) tert-Butyl alcohol	4.32	59	29991	0.231	ppbv #	70
19) Isopropyl Alcohol	3.99	45	1300641	15.838	ppbv	98
20) Methylene Chloride	4.36	84	140103	2.004	ppbv	98
23) Vinyl Acetate	5.08	43	28710	0.112	ppbv #	87
25) Ethyl Acetate	5.70	43	587769	1.656	ppbv #	95
26) Hexane	5.71	57	164023	0.996	ppbv #	34
27) Carbon Disulfide	4.98	76	129115	0.796	ppbv #	79
29) Chloroform	5.77	83	32781	0.124	ppbv #	77
31) cis-1,2-Dichloroethene	5.57	61	9559	0.060	ppbv #	76
34) 2-Butanone	5.27	43	34698	0.210	ppbv #	44
35) Carbon Tetrachloride	7.04	117	7595	0.029	ppbv #	84
36) Benzene	6.92	78	21351	0.068	ppbv	94
38) Trichloroethene	7.86	130	200389	1.650	ppbv	96
39) 1,2-Dichloropropane	7.20	63	928568	7.335	ppbv #	23
53) Toluene	9.84	91	136780	0.412	ppbv	99
58) Ethyl Benzene	12.74	91	15473	0.034	ppbv	94
59) m/p-Xylene	13.03	91	9789	0.025	ppbv #	32
61) Styrene	13.56	104	12114	0.063	ppbv #	16
65) tert-Butylbenzene	17.01	119	148391	0.334	ppbv #	24
66) Benzyl Chloride	17.03	91	991	0.020	ppbv #	1
74) 1,2,4-Trimethylbenzene	16.81	105	12809	0.031	ppbv #	61
76) 1,4-Dichlorobenzene	17.18	146	10527	0.045	ppbv #	1

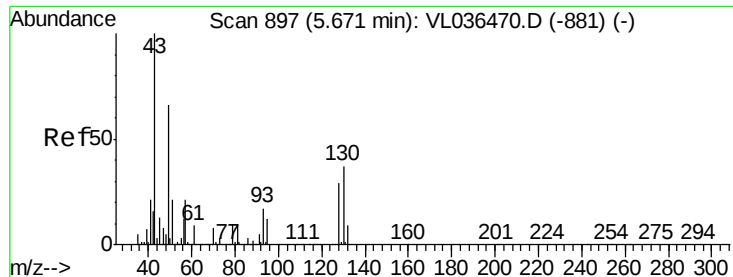
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL032621\
Data File : VL036516.D
Acq On : 26 Mar 2021 16:26
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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





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.69 min Scan# 902

Delta R.T. 0.02 min

Lab File: VL036516.D

Acq: 26 Mar 2021 16:26

Instrument :

MSVOA_L

ClientSampleId :

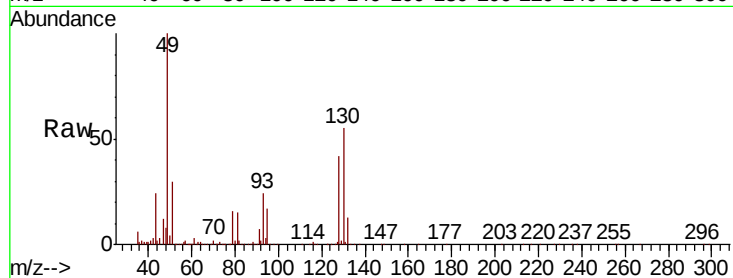
Tot Ion: 49 Resp: 1516780

Ion Ratio Lower Upper

49 100

128 44.5 23.5 70.6

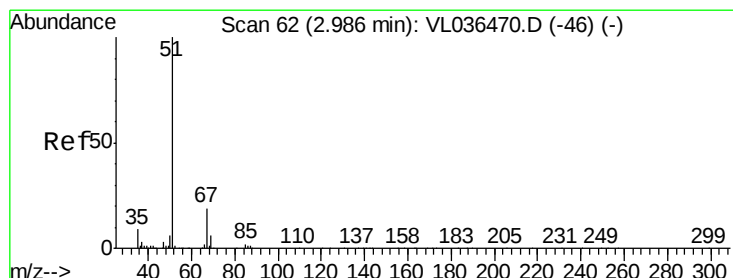
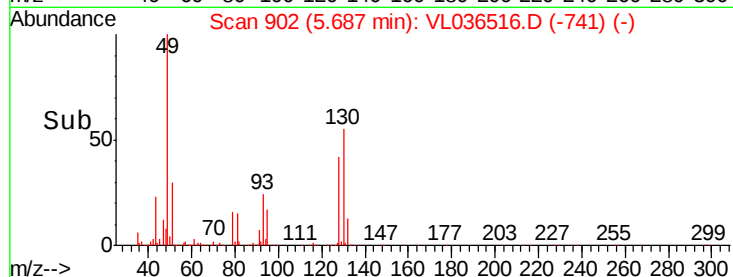
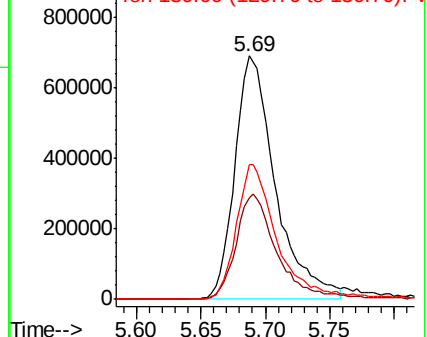
130 57.1 29.1 87.4



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: 12.474 ppbv

RT: 2.97 min Scan# 58

Delta R.T. -0.01 min

Lab File: VL036516.D

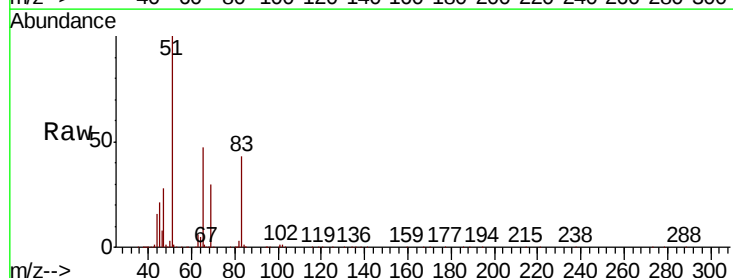
Acq: 26 Mar 2021 16:26

Tgt Ion: 51 Resp: 3534915

Ion Ratio Lower Upper

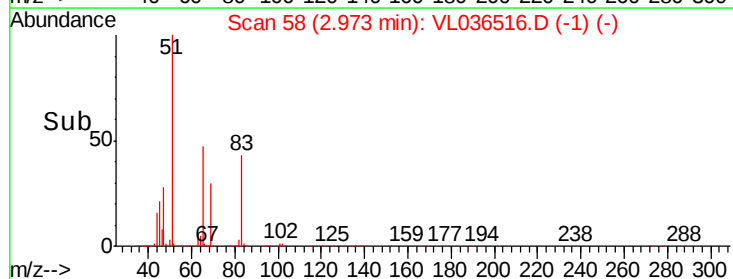
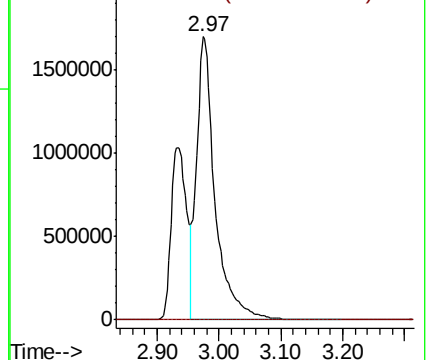
51 100

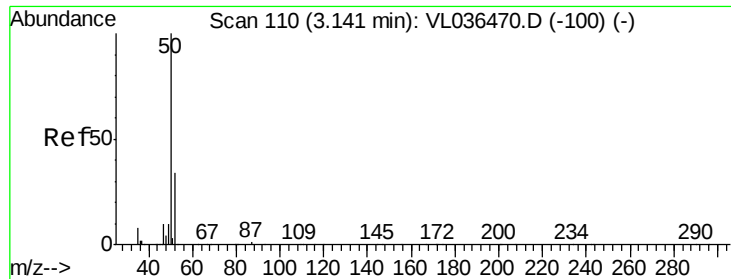
67 0.3 14.7 22.1#



Abundance Ion 51.00 (50.70 to 51.70): VL0

Ion 67.00 (66.70 to 67.70): VL0





#4

Chloromethane

Concen: 0.185 ppbv

RT: 3.15 min Scan# 114

Delta R.T. 0.01 min

Lab File: VL036516.D

Acq: 26 Mar 2021 16:26

Instrument :

MSVOA_L

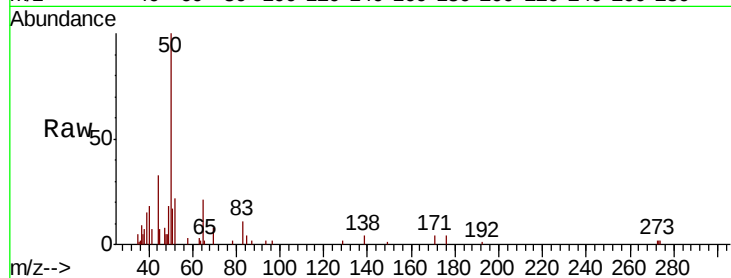
ClientSampled :

Tot Ion: 50 Resp: 18507

Ion Ratio Lower Upper

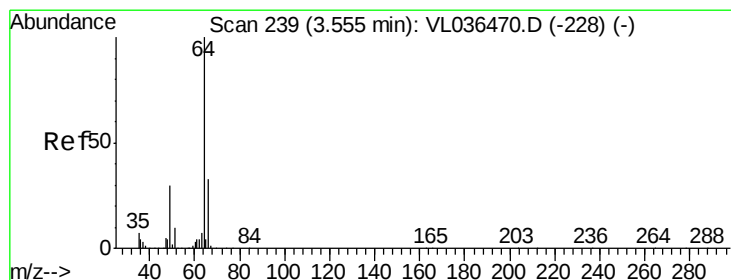
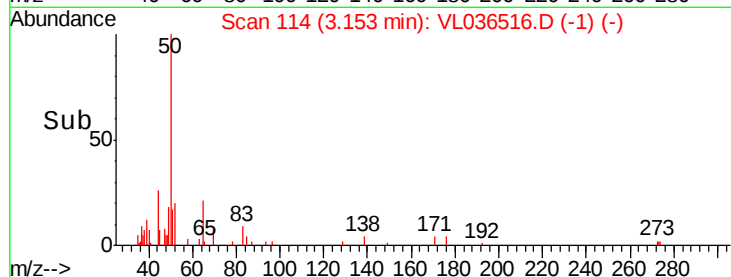
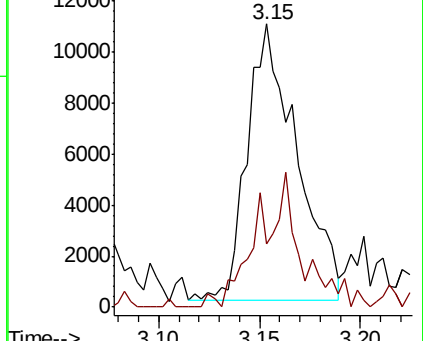
50 100

52 22.8 27.0 40.6#



Abundance Ion 50.10 (49.80 to 50.80): VL0

Ion 52.10 (51.80 to 52.80): VL0



#7

Chloroethane

Concen: 0.037 ppbv

RT: 3.57 min Scan# 244

Delta R.T. 0.02 min

Lab File: VL036516.D

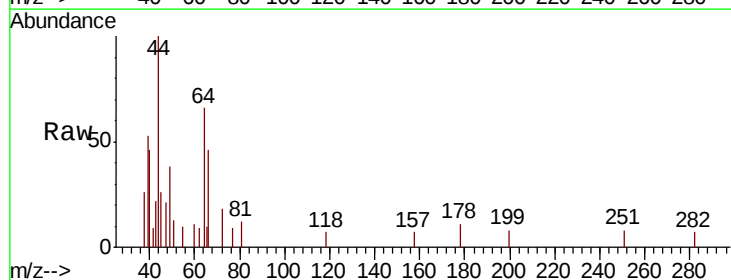
Acq: 26 Mar 2021 16:26

Tgt Ion: 64 Resp: 1317

Ion Ratio Lower Upper

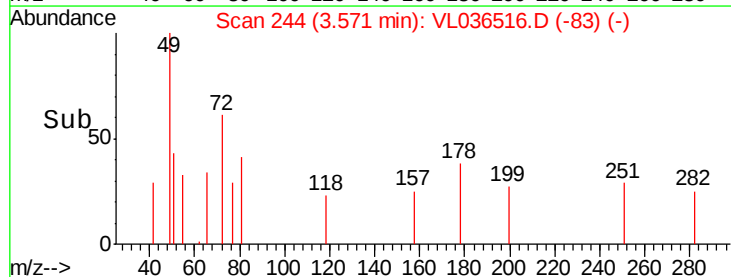
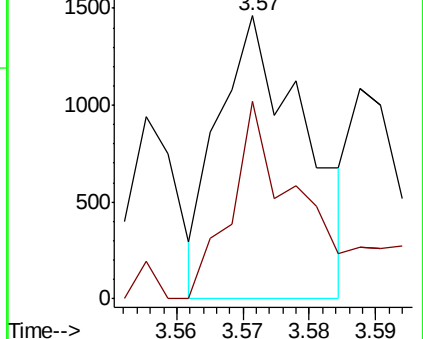
64 100

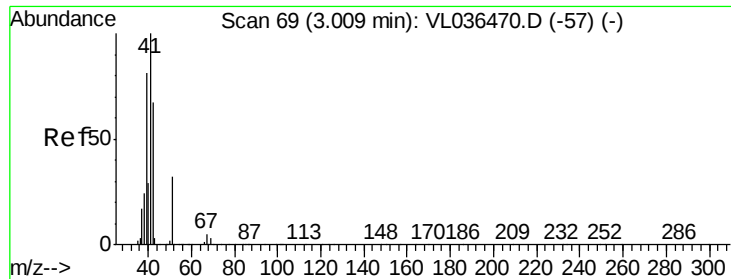
66 70.0 26.2 39.2#



Abundance Ion 64.10 (63.80 to 64.80): VL0

Ion 66.10 (65.80 to 66.80): VL0





#9

Propene

Concen: 0.160 ppbv

RT: 3.03 min Scan# 75

Delta R.T. 0.02 min

Lab File: VL036516.D

Acq: 26 Mar 2021 16:26

Instrument :

MSVOA_L

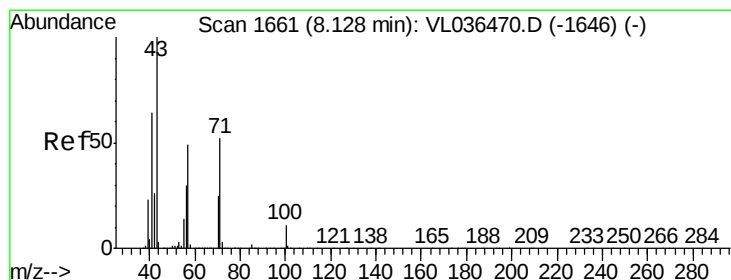
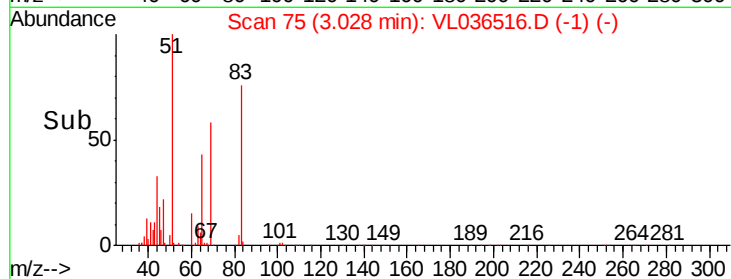
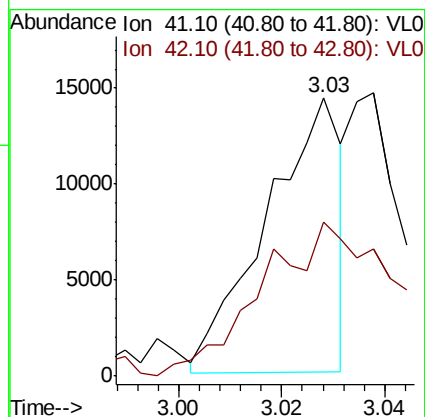
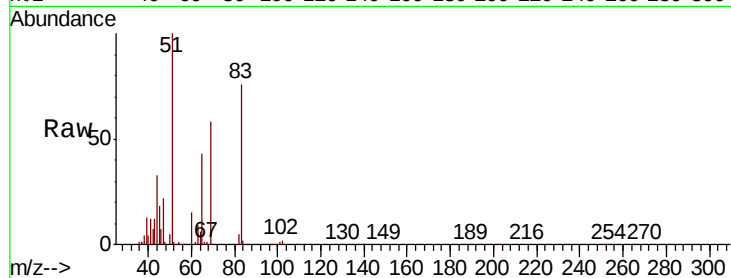
ClientSampleId :

Tot Ion: 41 Resp: 14467

Ion Ratio Lower Upper

41 100

42 118.4 57.0 85.4#



#10

Heptane

Concen: 0.022 ppbv

RT: 8.14 min Scan# 1666

Delta R.T. 0.02 min

Lab File: VL036516.D

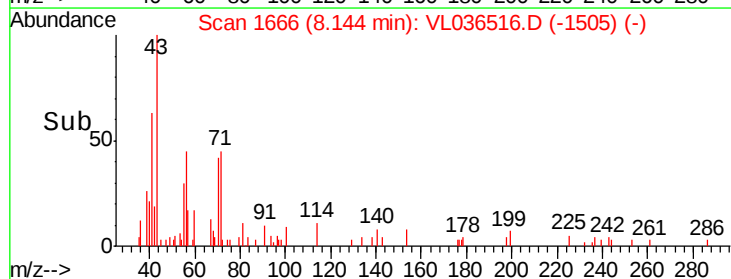
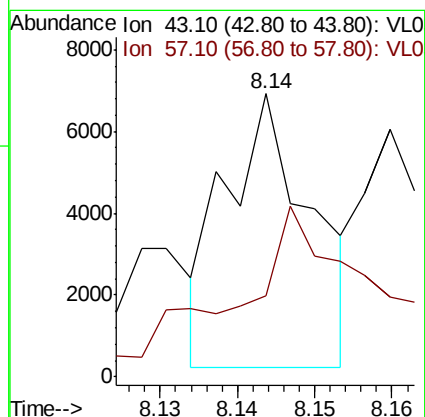
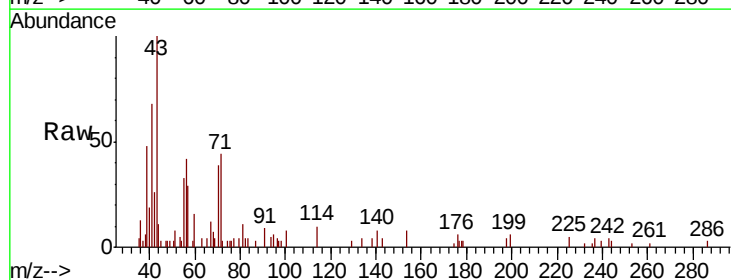
Acq: 26 Mar 2021 16:26

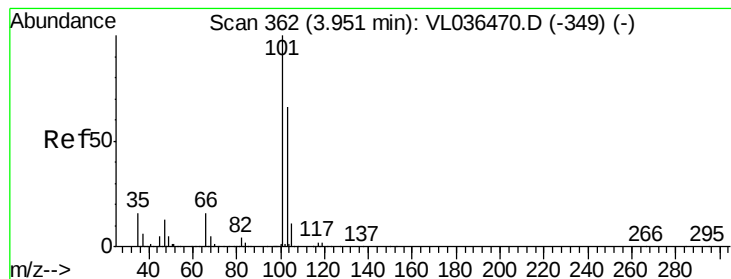
Tgt Ion: 43 Resp: 5126

Ion Ratio Lower Upper

43 100

57 158.5 39.0 58.6#





#11

Trichlorofluoromethane

Concen: 0.192 ppbv

RT: 3.96 min Scan# 366

Delta R.T. 0.01 min

Lab File: VL036516.D

Acq: 26 Mar 2021 16:26

Instrument :

MSVOA_L

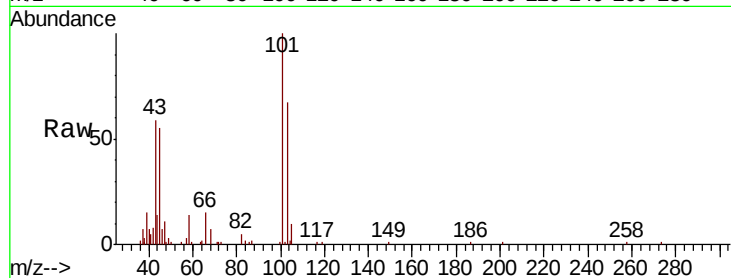
ClientSampleId :

Tot Ion:101 Resp: 48337

Ion Ratio Lower Upper

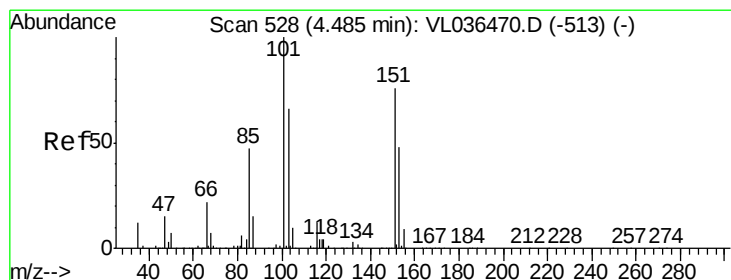
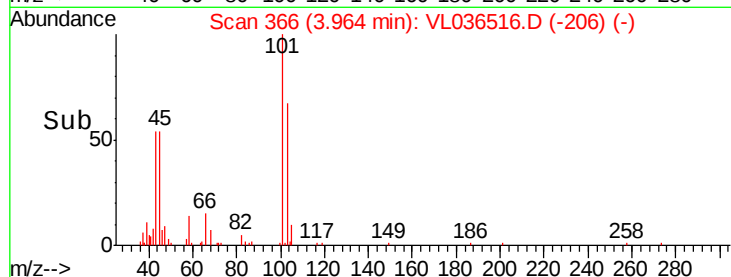
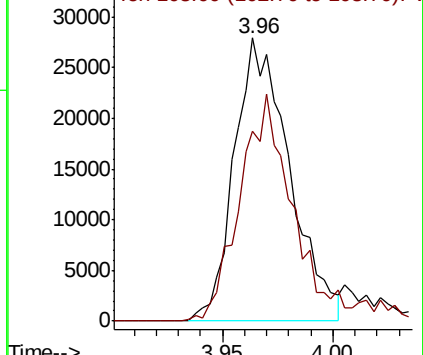
101 100

103 66.8 52.5 78.7



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V



#12

1,1,2-Trichlorotrifluoroethane

Concen: 0.033 ppbv

RT: 4.50 min Scan# 533

Delta R.T. 0.02 min

Lab File: VL036516.D

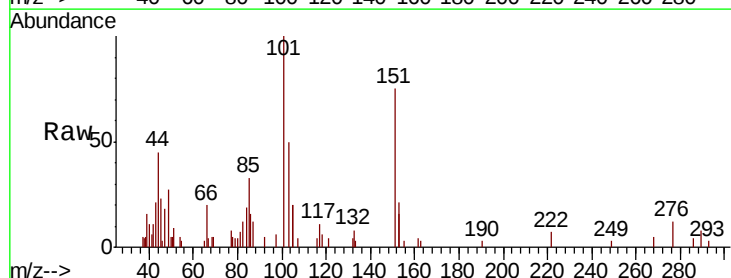
Acq: 26 Mar 2021 16:26

Tgt Ion:101 Resp: 5342

Ion Ratio Lower Upper

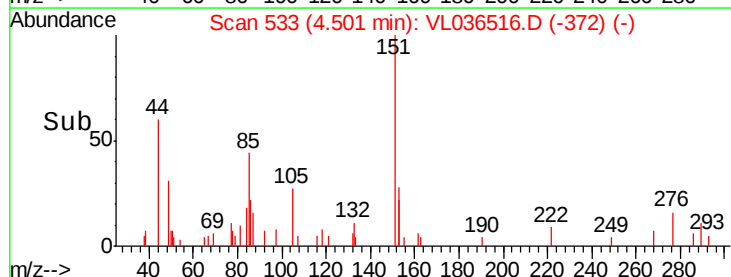
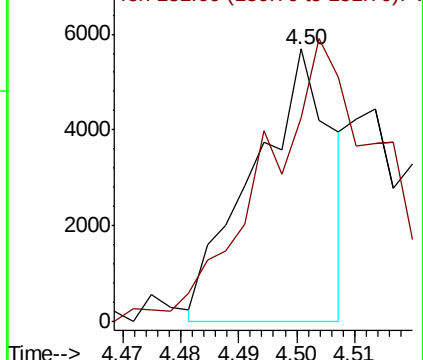
101 100

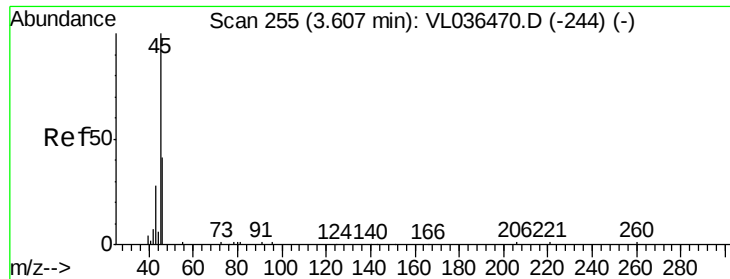
151 184.3 60.9 91.3#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 151.00 (150.70 to 151.70): V

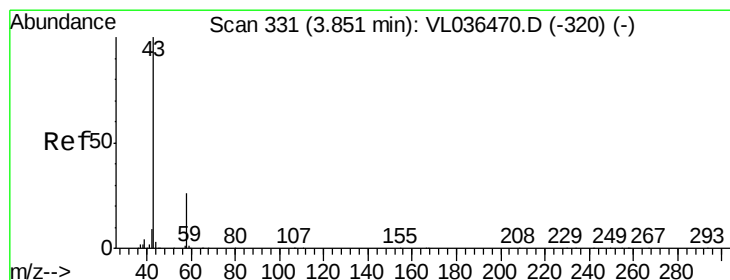
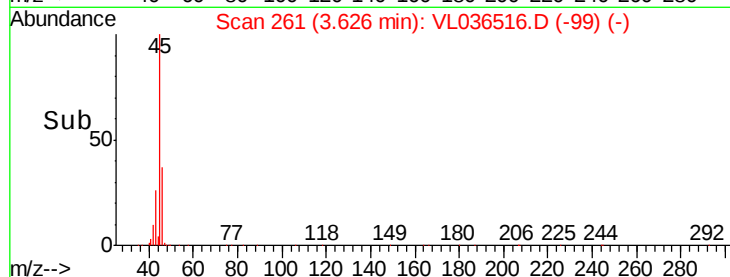
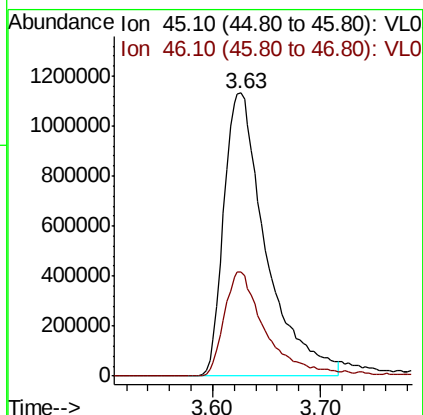
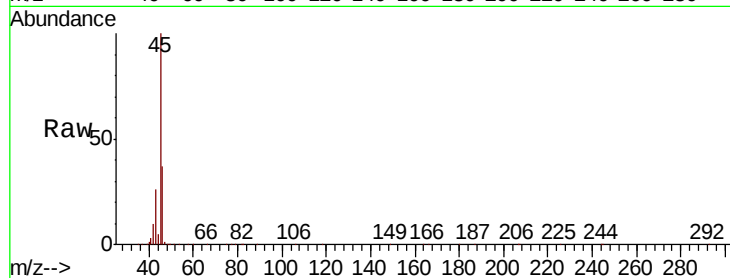




#13
Ethanol
Concen: 286.708 ppbv
RT: 3.63 min Scan# 261
Delta R.T. 0.02 min
Lab File: VL036516.D
Acq: 26 Mar 2021 16:26

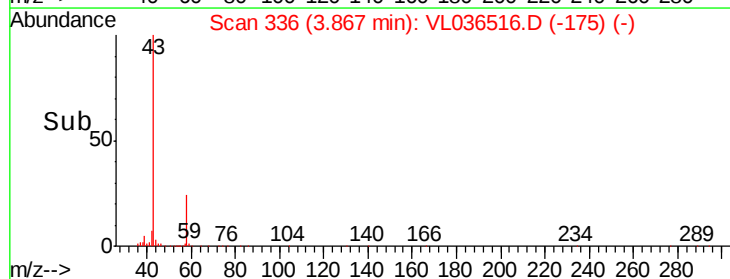
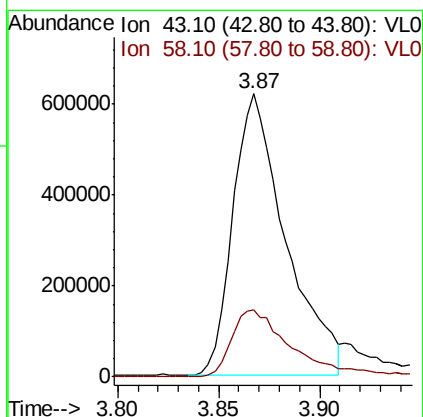
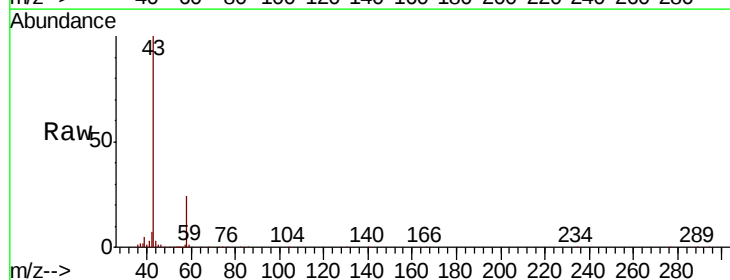
Instrument :
MSVOA_L
ClientSampleId :

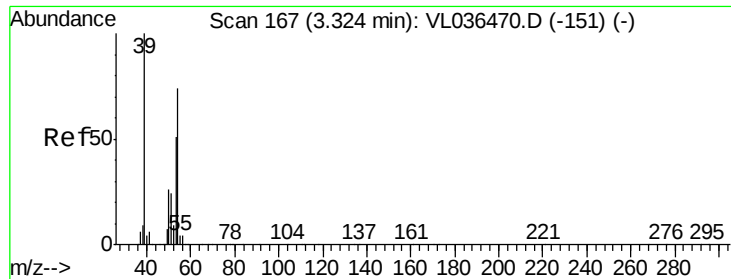
Tot Ion: 45 Resp: 3084527
Ion Ratio Lower Upper
45 100
46 37.1 16.6 66.2



#15
Acetone
Concen: 7.591 ppbv
RT: 3.87 min Scan# 336
Delta R.T. 0.02 min
Lab File: VL036516.D
Acq: 26 Mar 2021 16:26

Tgt Ion: 43 Resp: 1133273
Ion Ratio Lower Upper
43 100
58 27.9 21.2 31.8





#16

1,3-Butadiene

Concen: 0.031 ppbv

RT: 3.34 min Scan# 171

Delta R.T. 0.01 min

Lab File: VL036516.D

Acq: 26 Mar 2021 16:26

Instrument :

MSVOA_L

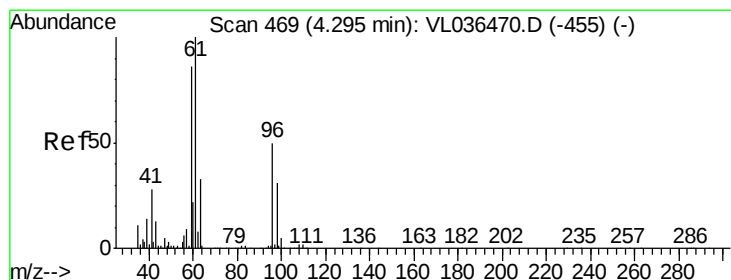
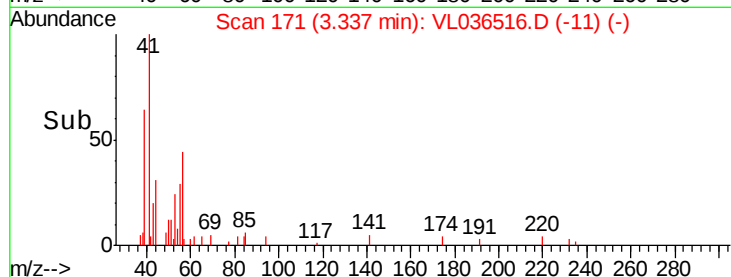
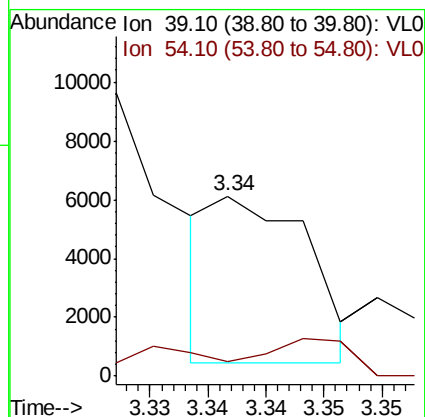
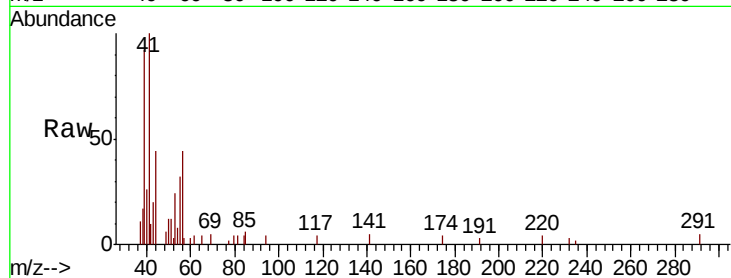
ClientSampleId :

Tot Ion: 39 Resp: 3223

Ion Ratio Lower Upper

39 100

54 66.4 58.8 88.2



#17

tert-Butyl alcohol

Concen: 0.231 ppbv

RT: 4.32 min Scan# 477

Delta R.T. 0.03 min

Lab File: VL036516.D

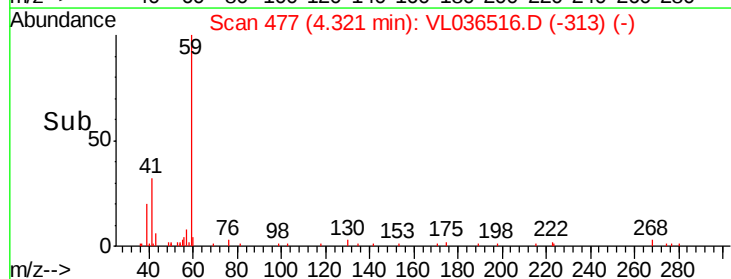
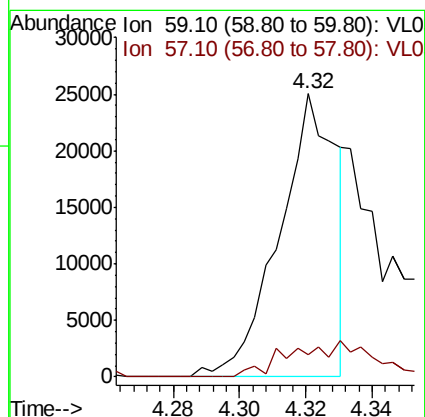
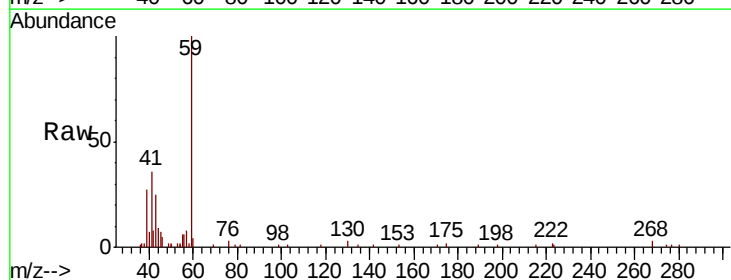
Acq: 26 Mar 2021 16:26

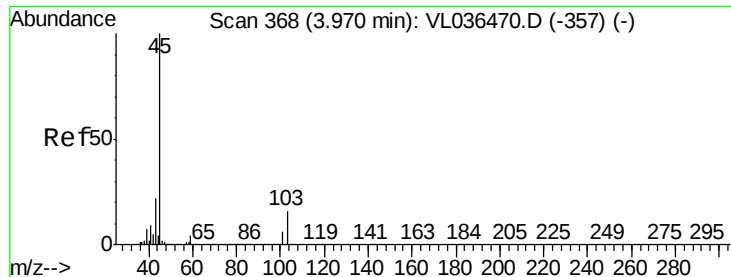
Tgt Ion: 59 Resp: 29991

Ion Ratio Lower Upper

59 100

57 21.9 8.6 12.8#



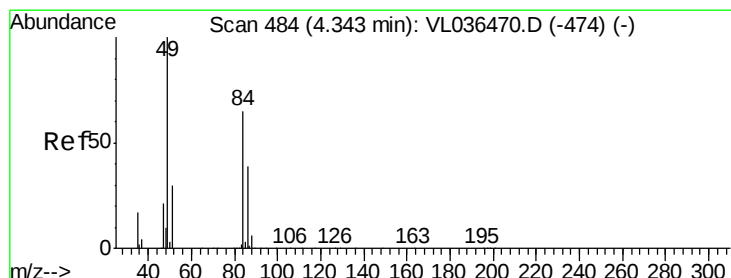
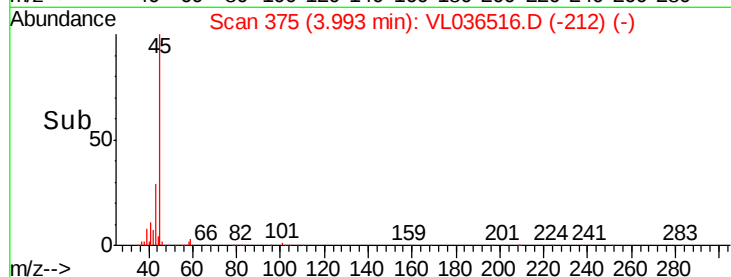
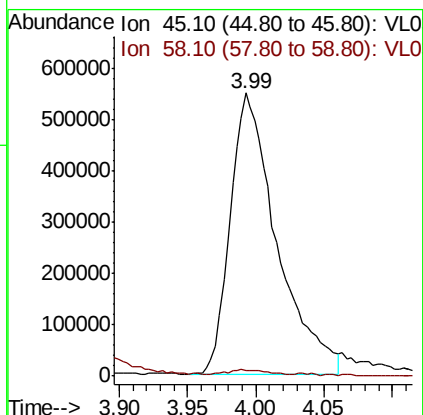
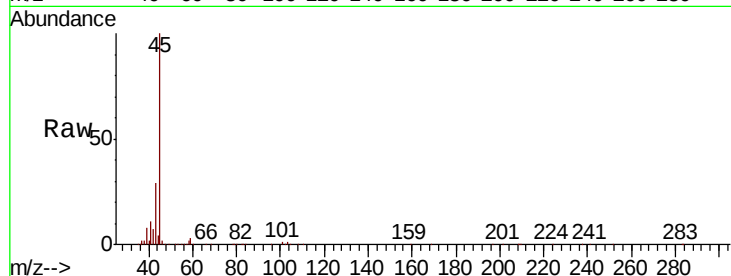


#19

Isopropyl Alcohol
 Concen: 15.838 ppbv
 RT: 3.99 min Scan# 375
 Delta R.T. 0.02 min
 Lab File: VL036516.D
 Acq: 26 Mar 2021 16:26

Instrument :
 MSVOA_L
 ClientSampleId :

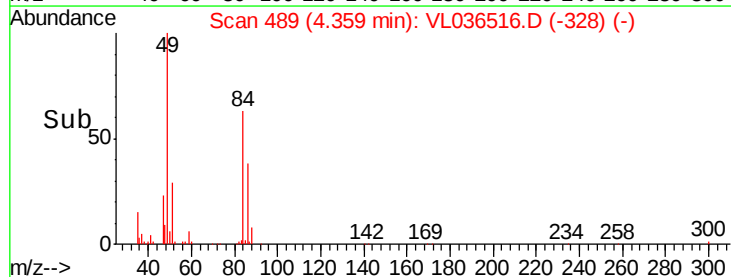
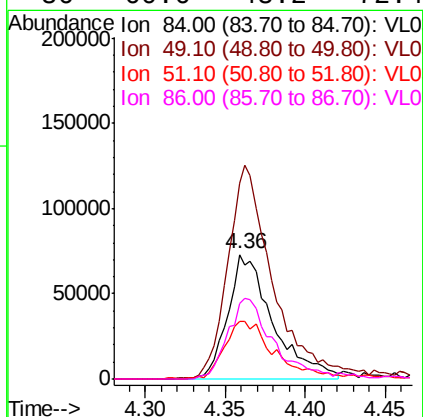
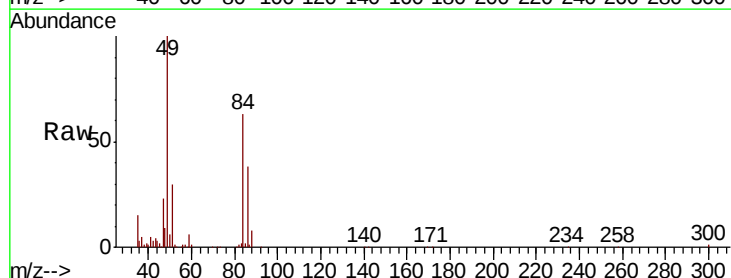
Tot Ion: 45 Resp: 1300641
 Ion Ratio Lower Upper
 45 100
 58 3.0 2.9 4.3

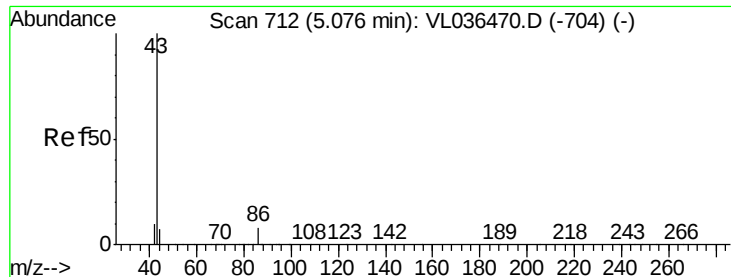


#20

Methylene Chloride
 Concen: 2.004 ppbv
 RT: 4.36 min Scan# 489
 Delta R.T. 0.02 min
 Lab File: VL036516.D
 Acq: 26 Mar 2021 16:26

Tgt Ion: 84 Resp: 140103
 Ion Ratio Lower Upper
 84 100
 49 157.3 122.9 184.3
 51 45.3 36.9 55.3
 86 60.6 48.2 72.4





#23

Vinyl Acetate

Concen: 0.112 ppbv

RT: 5.08 min Scan# 714

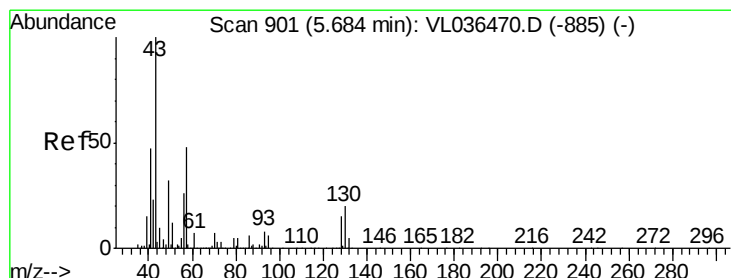
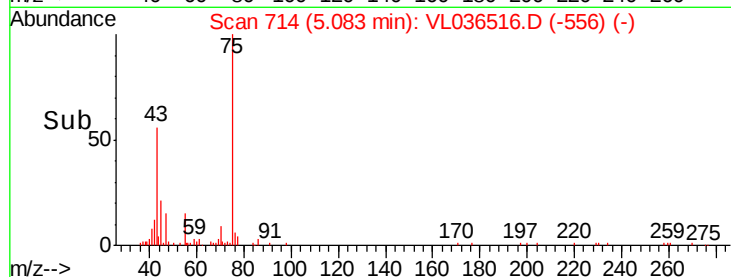
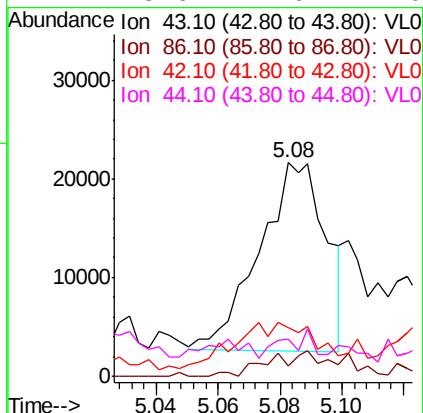
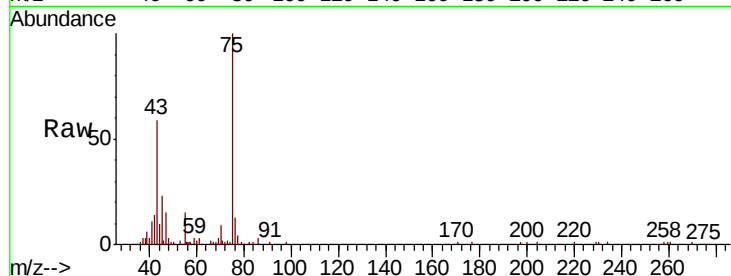
Delta R.T. 0.01 min

Lab File: VL036516.D

Acq: 26 Mar 2021 16:26

Instrument :
MSVOA_L
ClientSampleId :

Tot Ion:	43	Resp:	28710
Ion	Ratio	Lower	Upper
43	100		
86	5.4	5.4	8.0
42	20.2	8.5	12.7#
44	5.6	4.6	7.0



#25

Ethyl Acetate

Concen: 1.656 ppbv

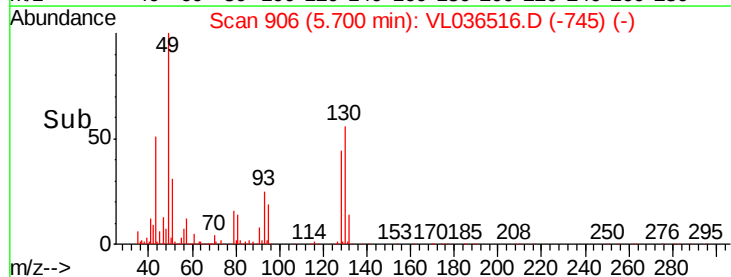
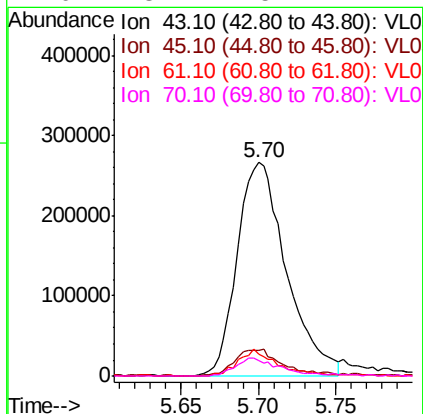
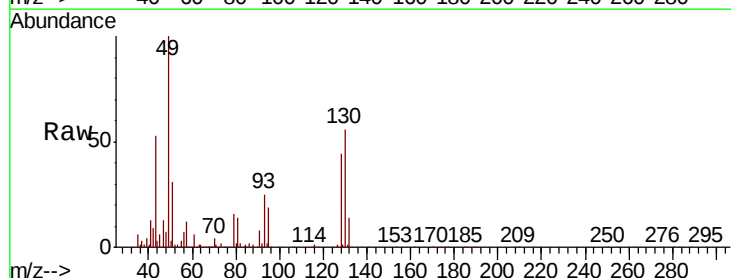
RT: 5.70 min Scan# 906

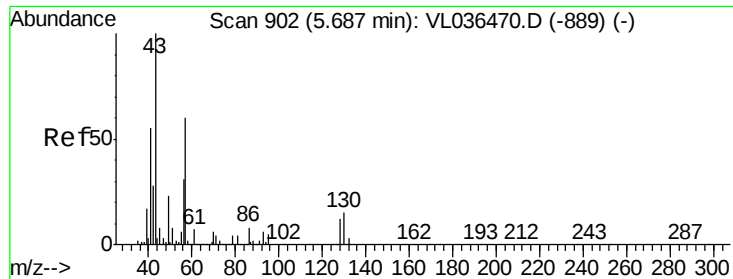
Delta R.T. 0.02 min

Lab File: VL036516.D

Acq: 26 Mar 2021 16:26

Tgt Ion:	43	Resp:	587769
Ion	Ratio	Lower	Upper
43	100		
45	12.4	7.9	11.9#
61	10.1	7.4	11.2
70	8.1	5.1	7.7#

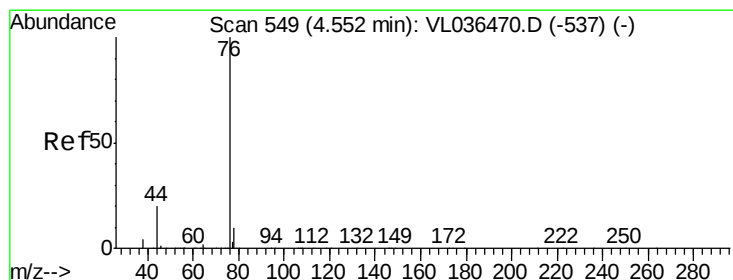
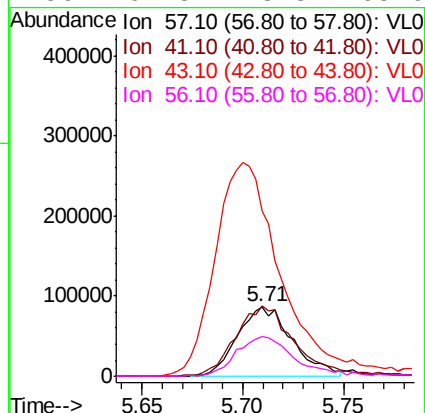
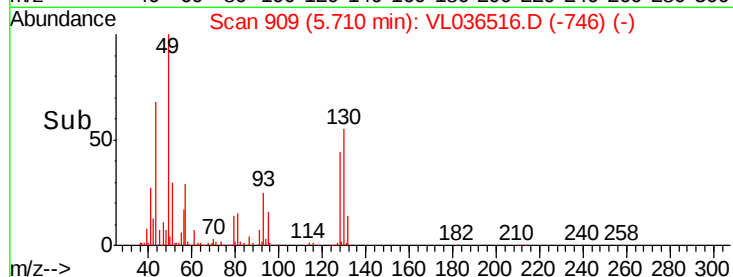
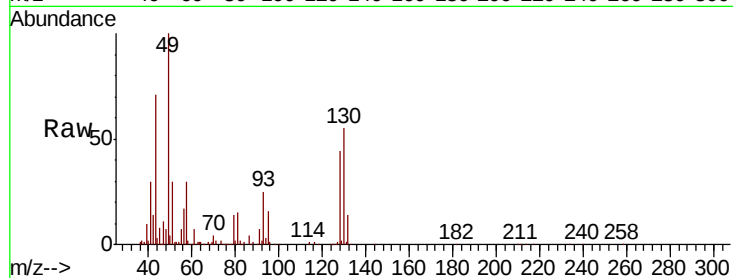




#26
Hexane
Concen: 0.996 ppbv
RT: 5.71 min Scan# 909
Delta R.T. 0.02 min
Lab File: VL036516.D
Acq: 26 Mar 2021 16:26

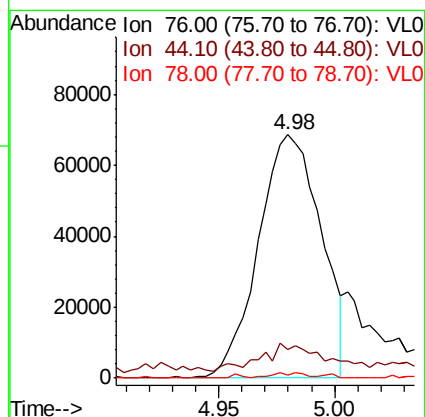
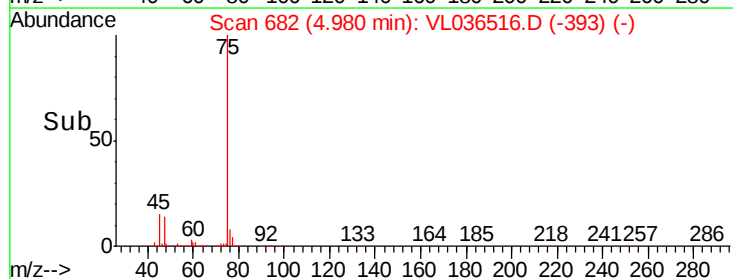
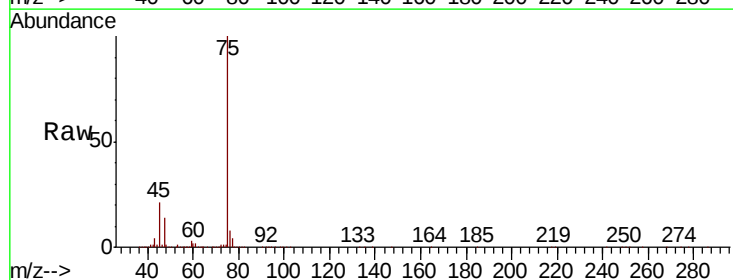
Instrument :
MSVOA_L
ClientSampleId :

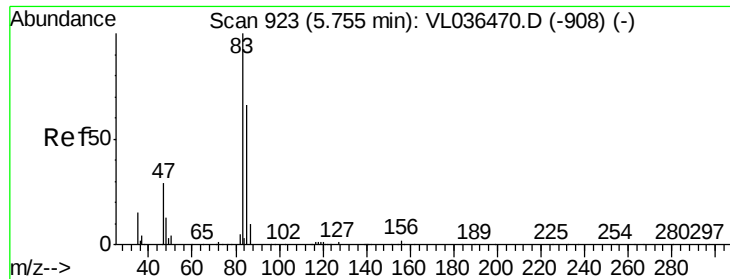
Tot Ion: 57 Resp: 164023
Ion Ratio Lower Upper
57 100
41 111.5 77.2 115.8
43 381.0 173.8 260.6#
56 62.8 43.8 65.6



#27
Carbon Disulfide
Concen: 0.796 ppbv
RT: 4.98 min Scan# 682
Delta R.T. 0.43 min
Lab File: VL036516.D
Acq: 26 Mar 2021 16:26

Tgt Ion: 76 Resp: 129115
Ion Ratio Lower Upper
76 100
44 12.7 17.5 26.3#
78 2.1 8.6 13.0#





#29

Chloroform

Concen: 0.124 ppbv

RT: 5.77 min Scan# 928

Delta R.T. 0.02 min

Lab File: VL036516.D

Acq: 26 Mar 2021 16:26

Instrument :

MSVOA_L

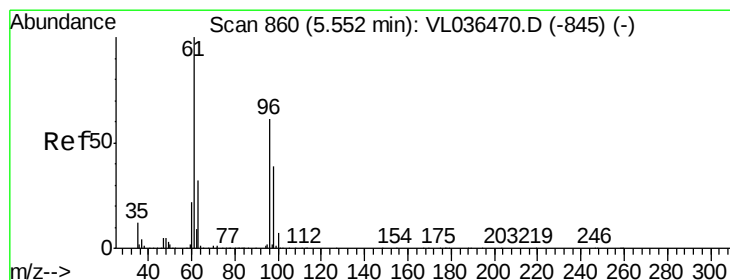
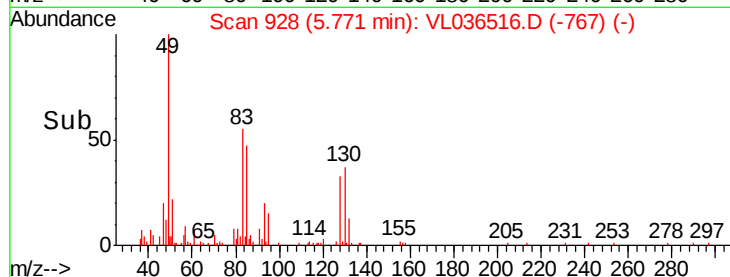
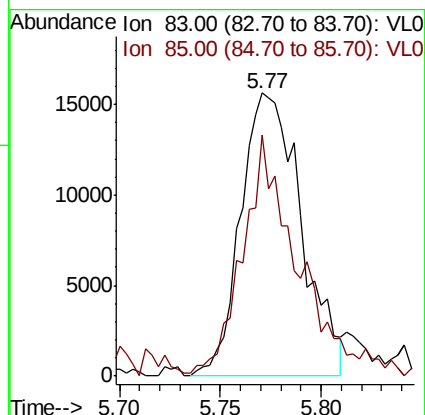
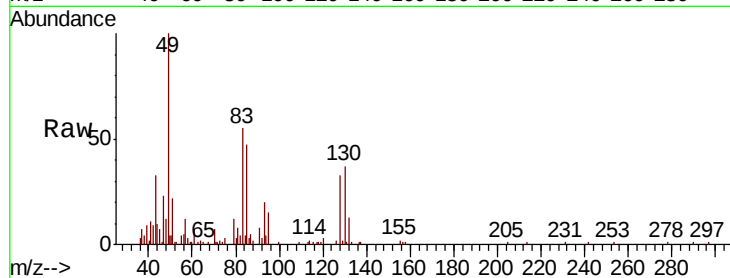
ClientSampleId :

Tot Ion: 83 Resp: 32781

Ion Ratio Lower Upper

83 100

85 84.1 52.6 78.8#



#31

cis-1,2-Dichloroethene

Concen: 0.060 ppbv

RT: 5.57 min Scan# 866

Delta R.T. 0.02 min

Lab File: VL036516.D

Acq: 26 Mar 2021 16:26

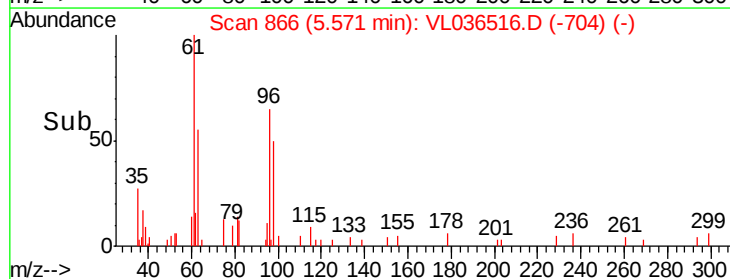
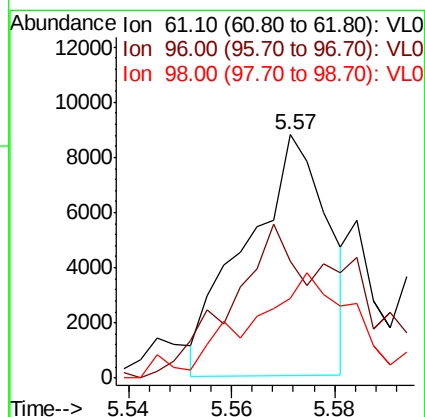
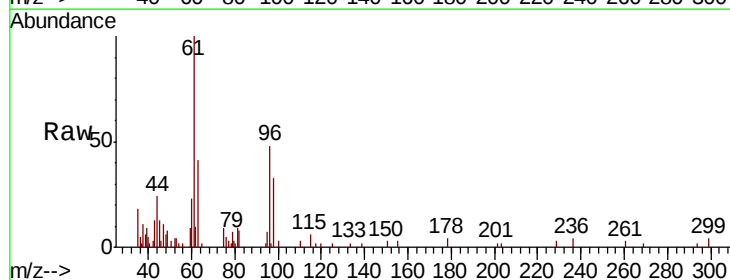
Tgt Ion: 61 Resp: 9559

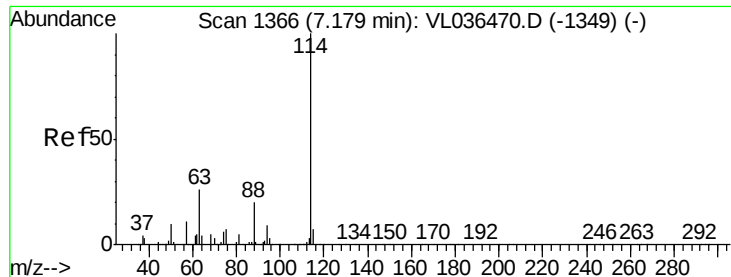
Ion Ratio Lower Upper

61 100

96 35.4 48.7 73.1#

98 34.2 31.4 47.0

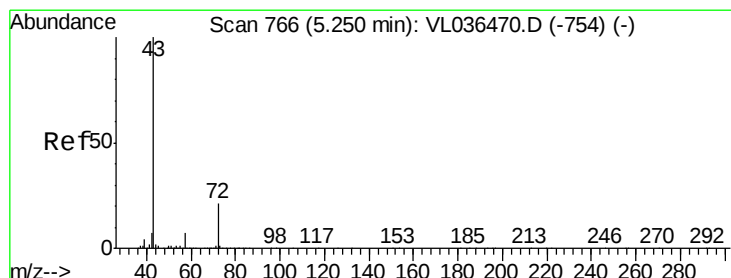
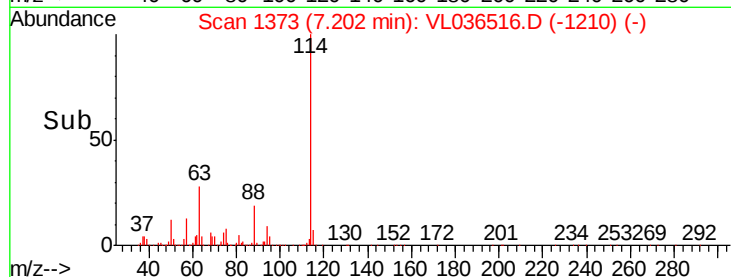
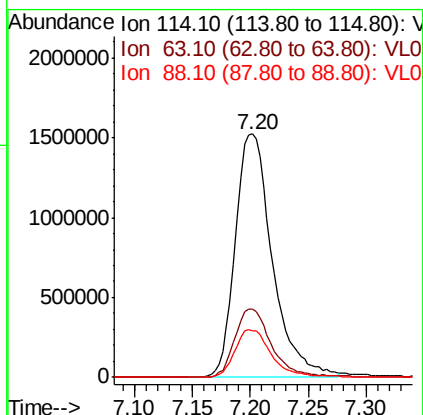
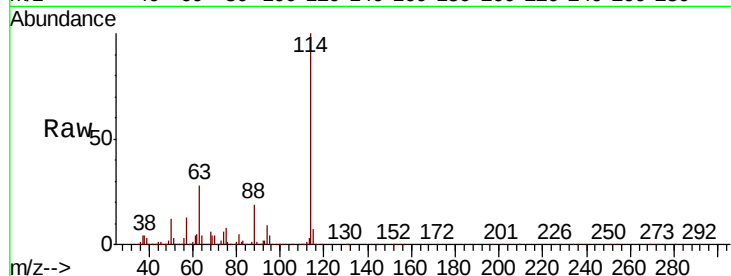




#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.20 min Scan# 1373
 Delta R.T. 0.02 min
 Lab File: VL036516.D
 Acq: 26 Mar 2021 16:26

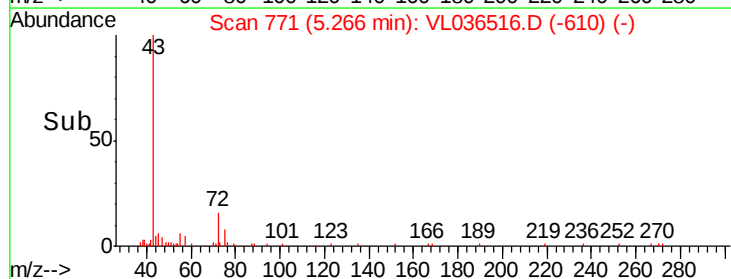
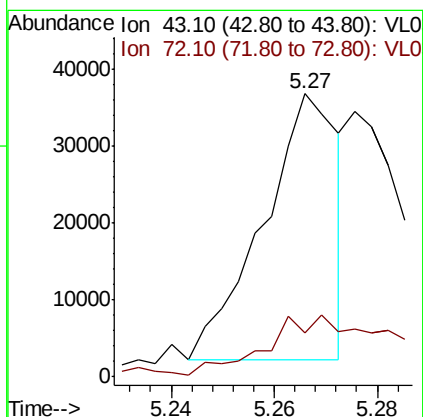
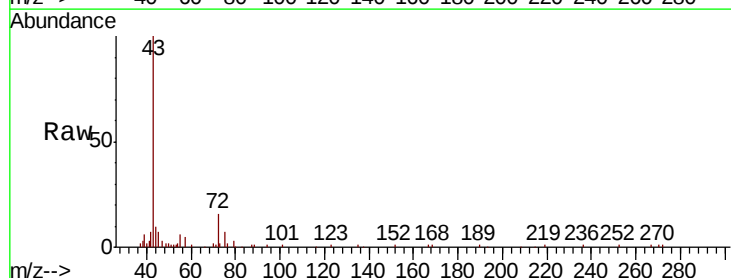
Instrument :
 MSVOA_L
 ClientSampleId :

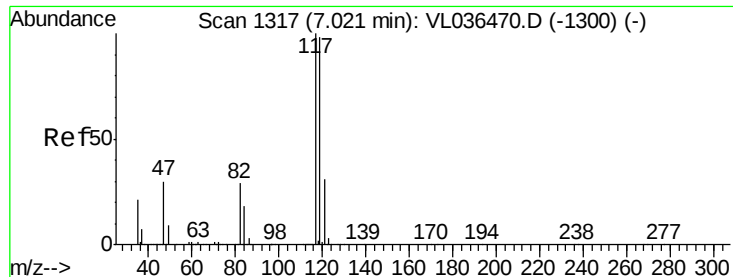
Tot Ion:114 Resp: 3383758
 Ion Ratio Lower Upper
 114 100
 63 28.5 22.4 33.6
 88 19.6 15.4 23.0



#34
 2-Butanone
 Concen: 0.210 ppbv
 RT: 5.27 min Scan# 771
 Delta R.T. 0.02 min
 Lab File: VL036516.D
 Acq: 26 Mar 2021 16:26

Tgt Ion: 43 Resp: 34698
 Ion Ratio Lower Upper
 43 100
 72 47.7 17.0 25.6#





#35

Carbon Tetrachloride

Concen: 0.029 ppbv

RT: 7.04 min Scan# 1324

Delta R.T. 0.02 min

Lab File: VL036516.D

Acq: 26 Mar 2021 16:26

Instrument :

MSVOA_L

ClientSampleId :

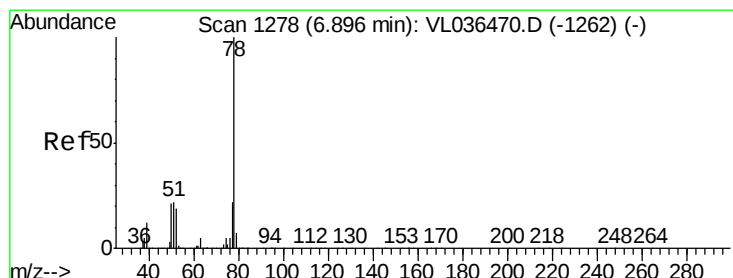
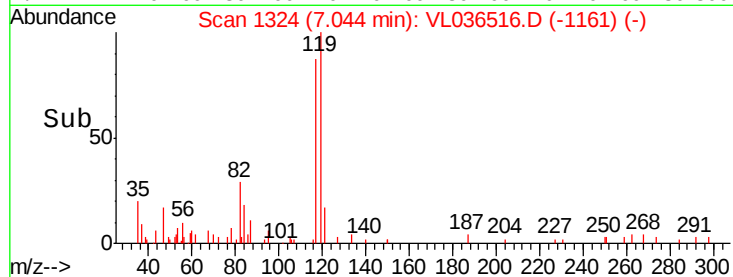
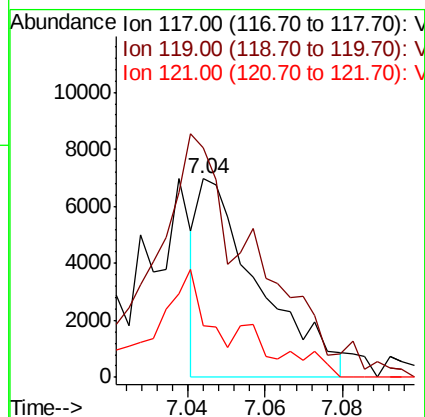
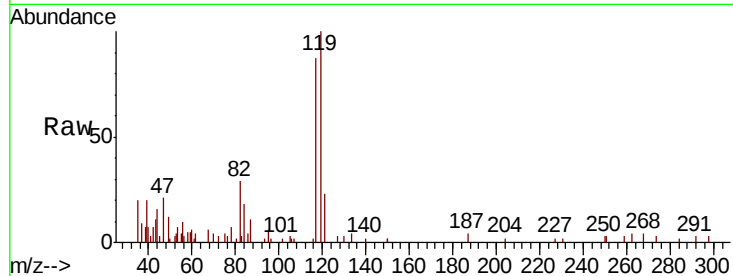
Tot Ion:117 Resp: 7595

Ion Ratio Lower Upper

117 100

119 118.6 78.2 117.2#

121 30.0 24.5 36.7



#36

Benzene

Concen: 0.068 ppbv

RT: 6.92 min Scan# 1284

Delta R.T. 0.02 min

Lab File: VL036516.D

Acq: 26 Mar 2021 16:26

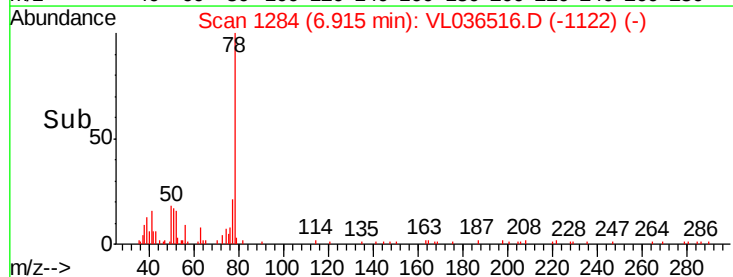
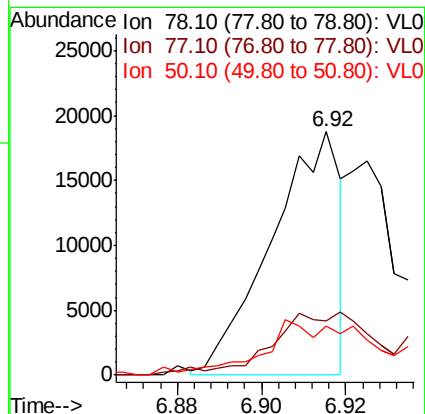
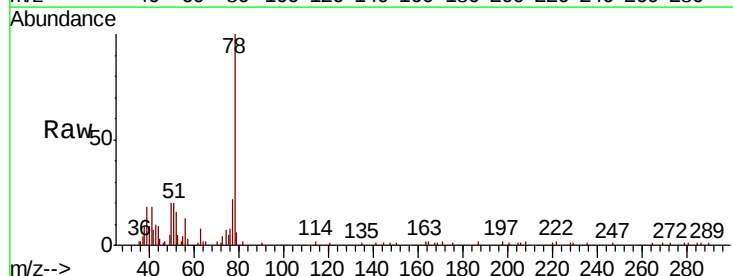
Tgt Ion: 78 Resp: 21351

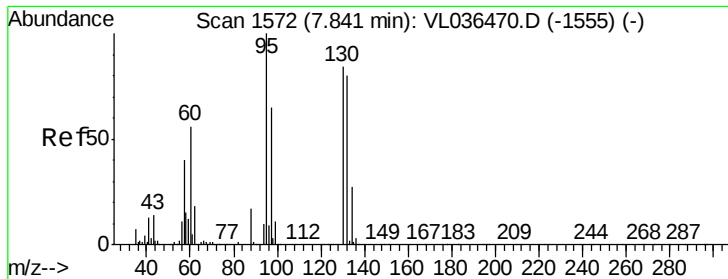
Ion Ratio Lower Upper

78 100

77 19.7 18.0 27.0

50 17.9 16.5 24.7





#38

Trichloroethene

Concen: 1.650 ppbv

RT: 7.86 min Scan# 1578

Delta R.T. 0.02 min

Lab File: VL036516.D

Acq: 26 Mar 2021 16:26

Instrument :

MSVOA_L

ClientSampleId :

Tot Ion:130 Resp: 200389

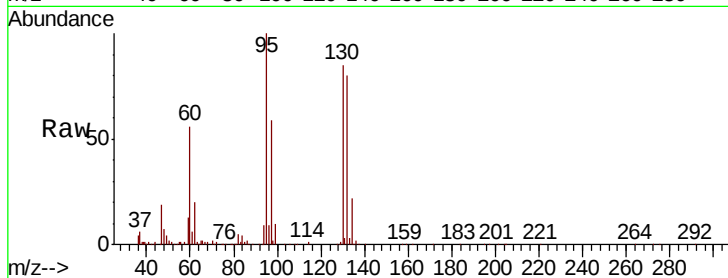
Ion Ratio Lower Upper

130 100

95 117.4 95.7 143.5

132 93.7 76.2 114.4

97 68.4 61.8 92.6

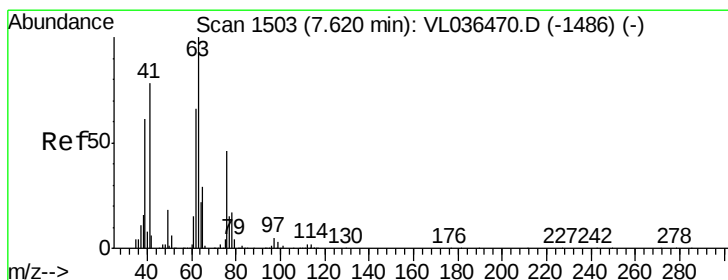
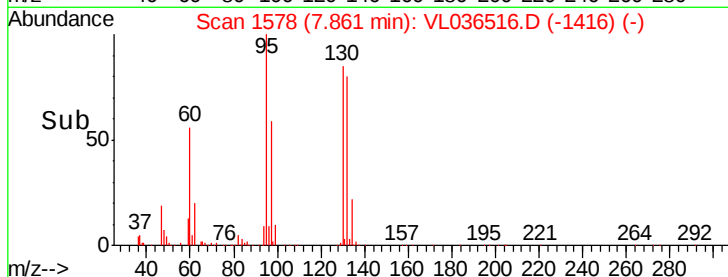
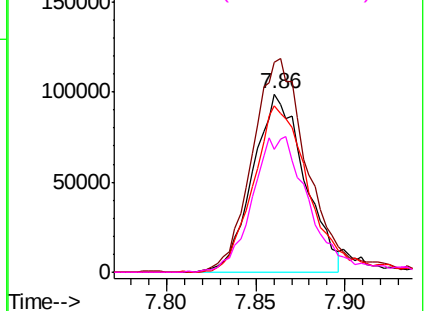


Abundance Ion 130.00 (129.70 to 130.70): V

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: 7.335 ppbv

RT: 7.20 min Scan# 1373

Delta R.T. -0.42 min

Lab File: VL036516.D

Acq: 26 Mar 2021 16:26

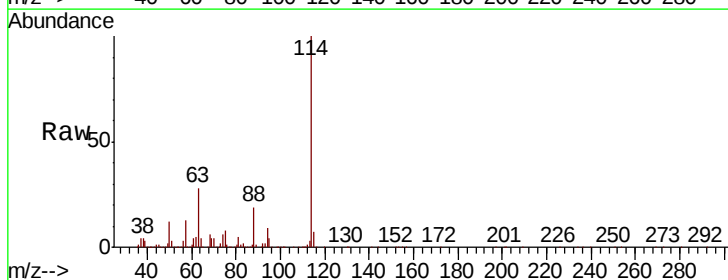
Tgt Ion: 63 Resp: 928568

Ion Ratio Lower Upper

63 100

41 0.0 62.4 93.6#

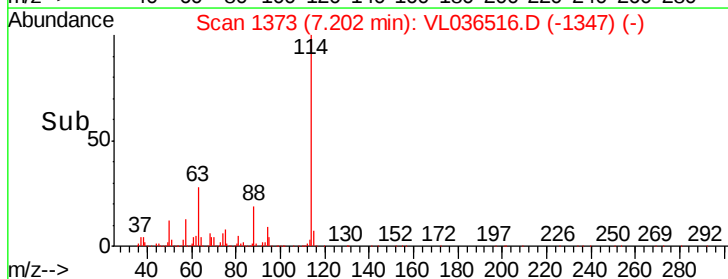
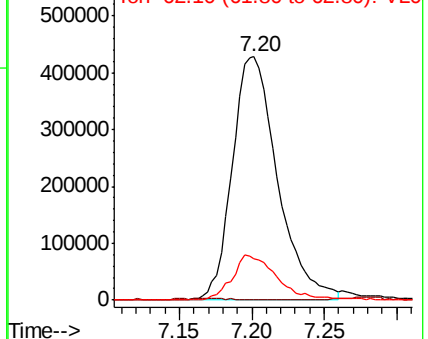
62 16.8 52.8 79.2#

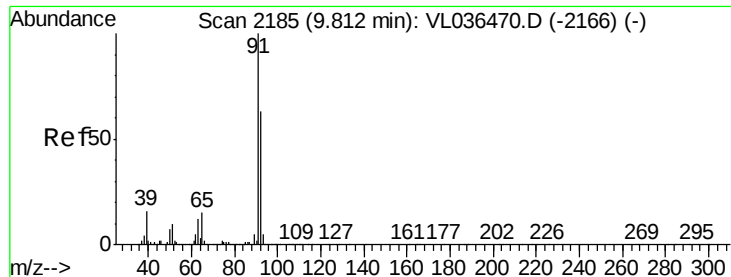


Abundance Ion 63.10 (62.80 to 63.80): VL0

Ion 41.10 (40.80 to 41.80): VL0

Ion 62.10 (61.80 to 62.80): VL0





#53

Toluene

Concen: 0.412 ppbv

RT: 9.84 min Scan# 2194

Delta R.T. 0.03 min

Lab File: VL036516.D

Acq: 26 Mar 2021 16:26

Instrument :

MSVOA_L

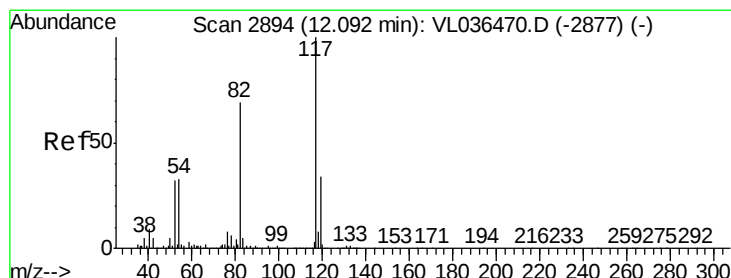
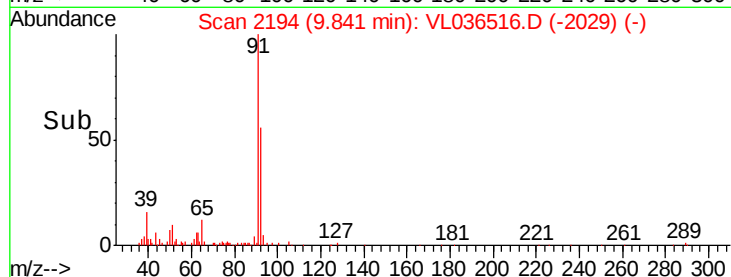
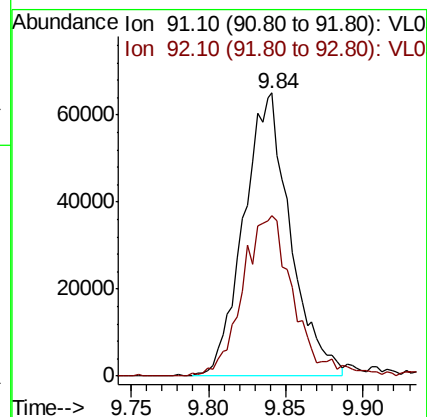
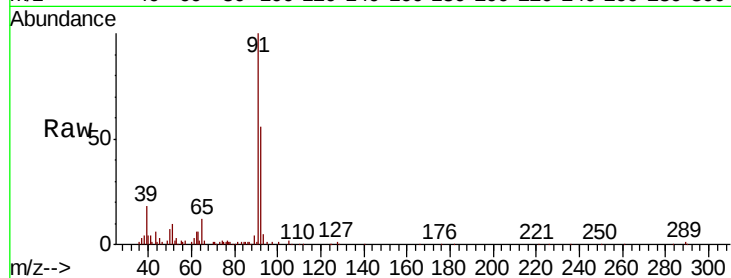
ClientSampleId :

Tot Ion: 91 Resp: 136780

Ion Ratio Lower Upper

91 100

92 62.1 48.8 73.2



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.12 min Scan# 2902

Delta R.T. 0.03 min

Lab File: VL036516.D

Acq: 26 Mar 2021 16:26

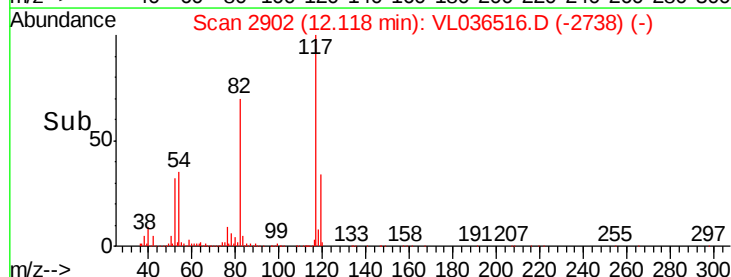
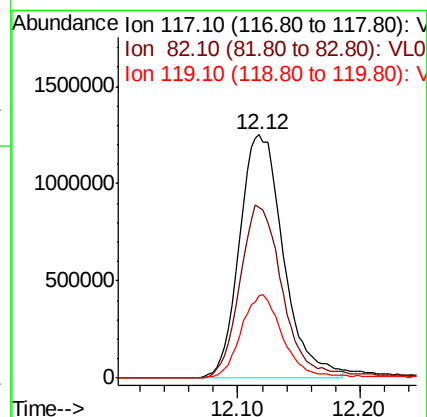
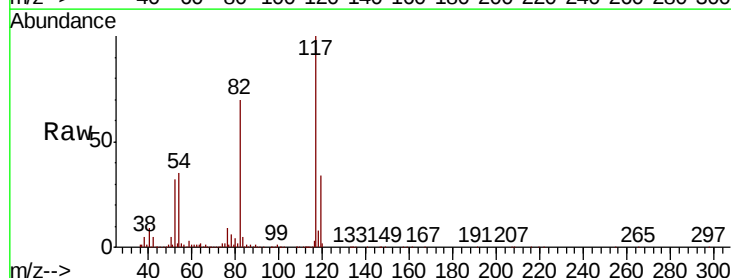
Tgt Ion: 117 Resp: 3105236

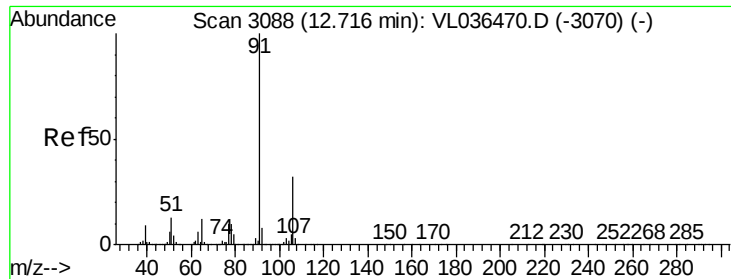
Ion Ratio Lower Upper

117 100

82 72.7 57.4 86.0

119 33.9 47.4 71.0#





#58

Ethyl Benzene

Concen: 0.034 ppbv

RT: 12.74 min Scan# 3095

Delta R.T. 0.02 min

Lab File: VL036516.D

Acq: 26 Mar 2021 16:26

Instrument :

MSVOA_L

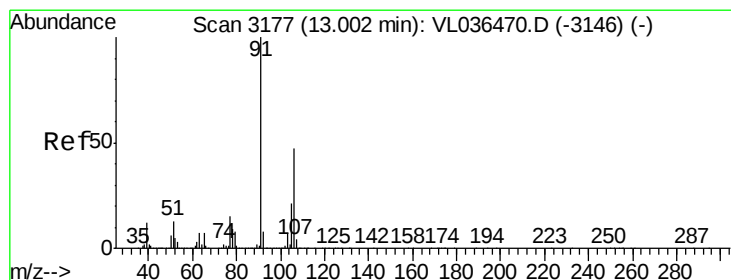
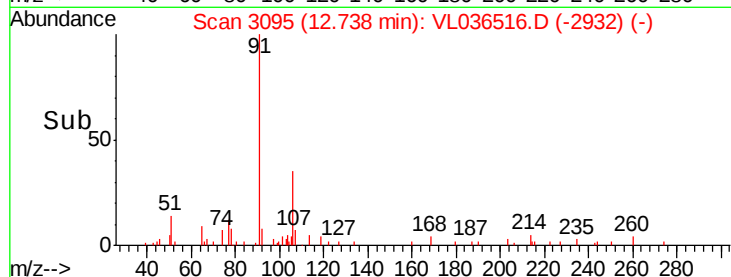
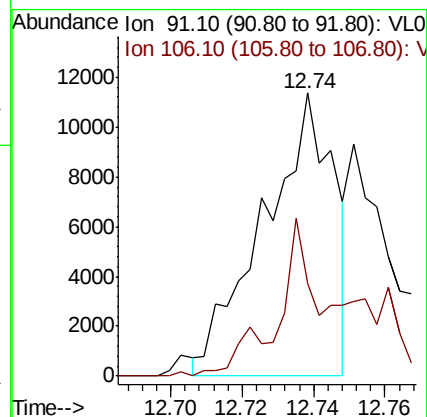
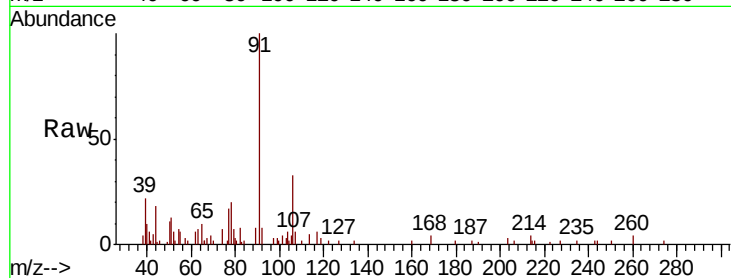
ClientSampleId :

Tot Ion: 91 Resp: 15473

Ion Ratio Lower Upper

91 100

106 35.1 25.3 37.9



#59

m/p-Xylene

Concen: 0.025 ppbv

RT: 13.03 min Scan# 3185

Delta R.T. 0.03 min

Lab File: VL036516.D

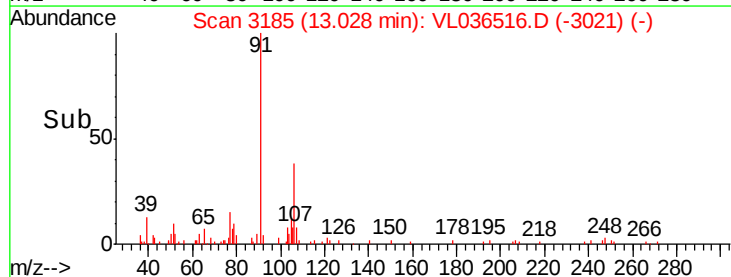
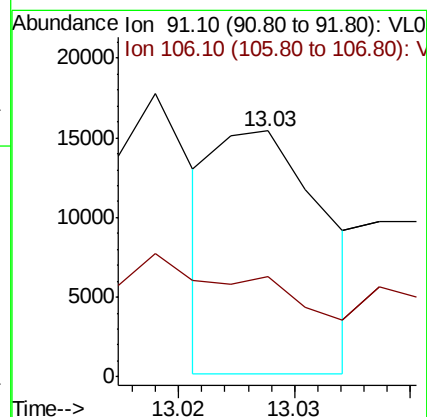
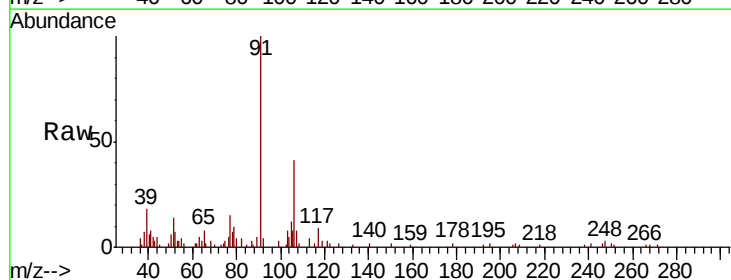
Acq: 26 Mar 2021 16:26

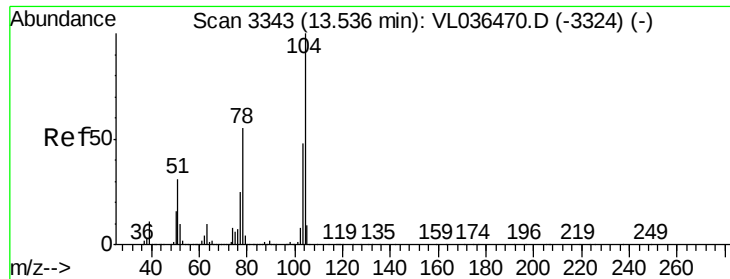
Tgt Ion: 91 Resp: 9789

Ion Ratio Lower Upper

91 100

106 0.0 35.3 52.9#





#61

Stvrene

Concen: 0.063 ppbv

RT: 13.56 min Scan# 3351

Delta R.T. 0.03 min

Lab File: VL036516.D

Acq: 26 Mar 2021 16:26

Instrument :

MSVOA_L

ClientSampleId :

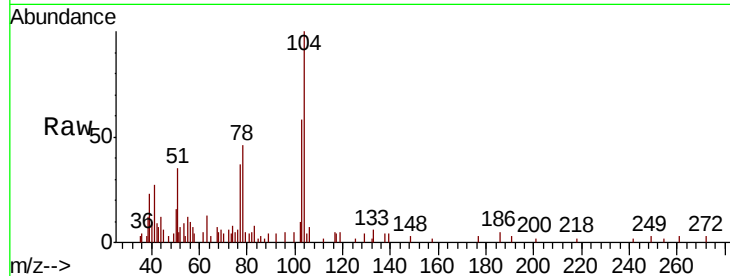
Tot Ion:104 Resp: 12114

Ion Ratio Lower Upper

104 100

78 126.7 43.8 65.8#

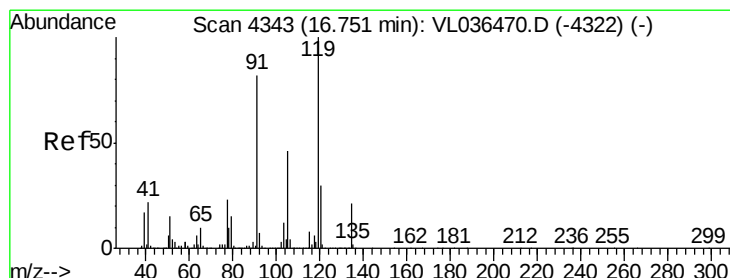
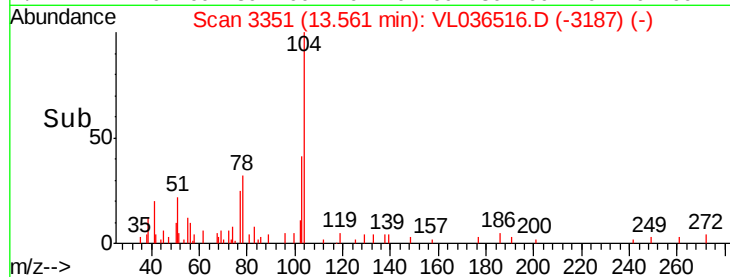
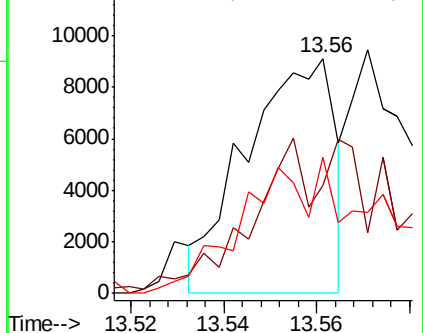
103 92.2 38.3 57.5#



Abundance Ion 104.10 (103.80 to 104.80): V

Ion 78.10 (77.80 to 78.80): VL0

Ion 103.10 (102.80 to 103.80): V



#65

tert-Butylbenzene

Concen: 0.334 ppbv

RT: 17.01 min Scan# 4424

Delta R.T. 0.26 min

Lab File: VL036516.D

Acq: 26 Mar 2021 16:26

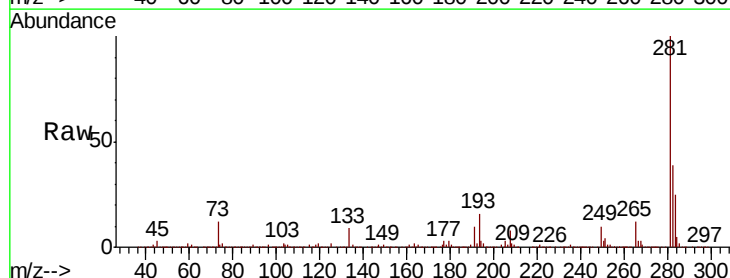
Tgt Ion:119 Resp: 148391

Ion Ratio Lower Upper

119 100

91 6.4 67.5 101.3#

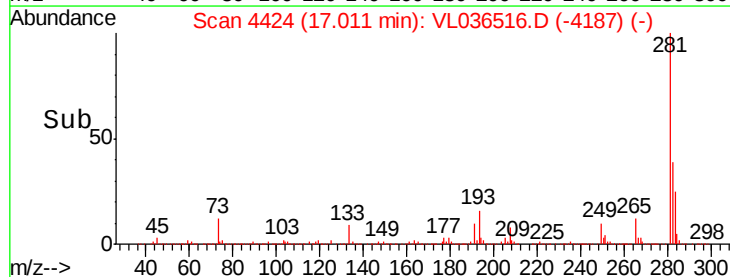
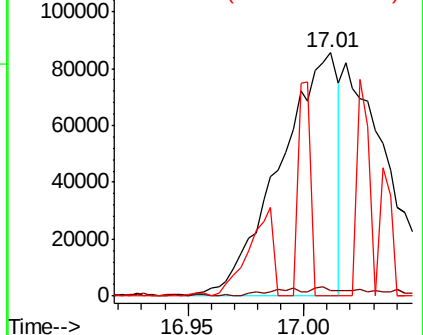
134 35.5 15.8 23.8#

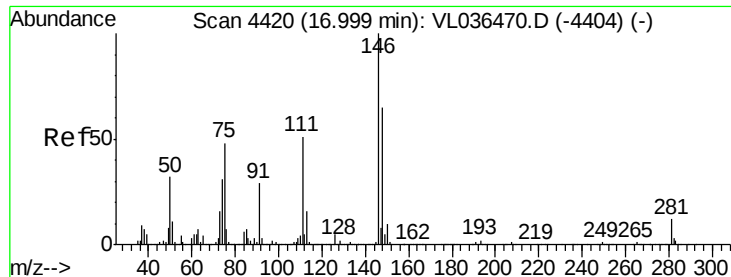


Abundance Ion 119.20 (118.90 to 119.90): V

Ion 91.10 (90.80 to 91.80): VL0

Ion 134.20 (133.90 to 134.90): V

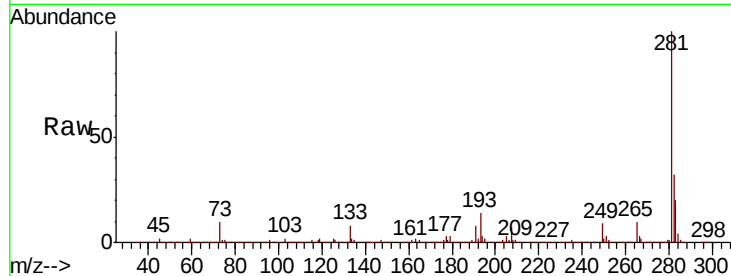




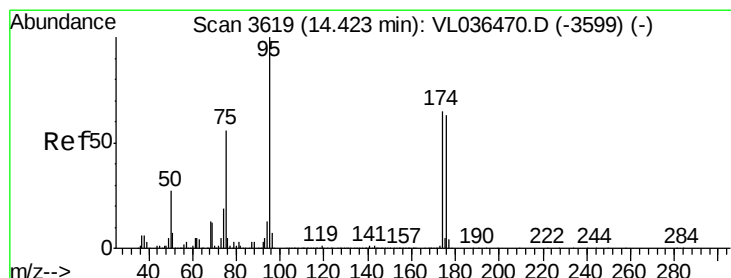
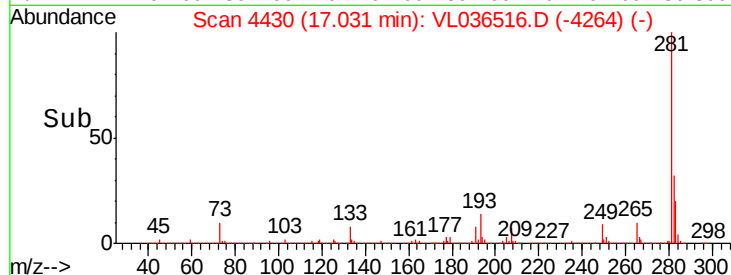
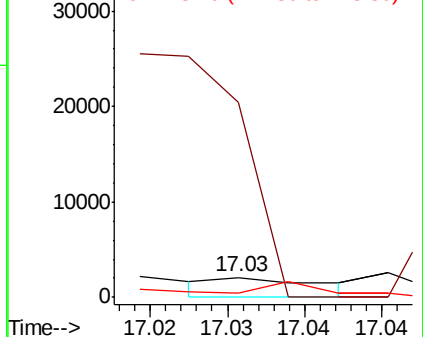
#66
Benzvl Chloride
Concen: 0.020 ppbv
RT: 17.03 min Scan# 4430
Delta R.T. 0.03 min
Lab File: VL036516.D
Acq: 26 Mar 2021 16:26

Instrument :
MSVOA_L
ClientSampleId :

Tot Ion: 91 Resp: 991
Ion Ratio Lower Upper
91 100
126 0.0 13.5 20.3#
128 120.7 4.2 6.4#

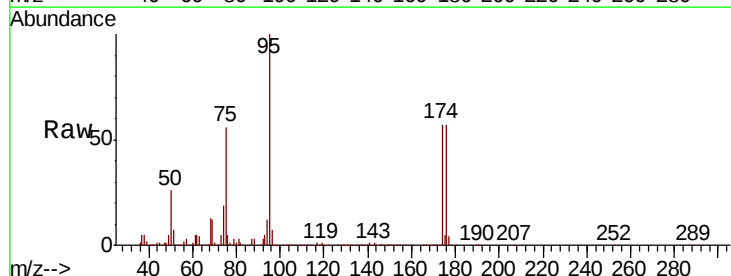


Abundance Ion 91.10 (90.80 to 91.80): VL0
Ion 126.10 (125.80 to 126.80): V
Ion 128.10 (127.80 to 128.80): V

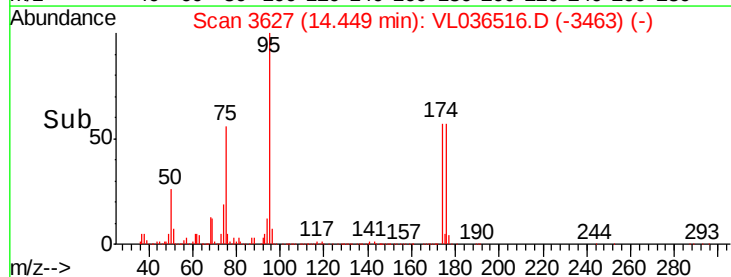
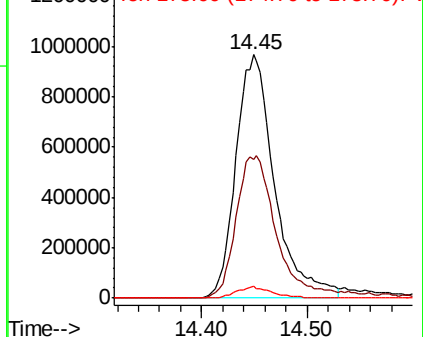


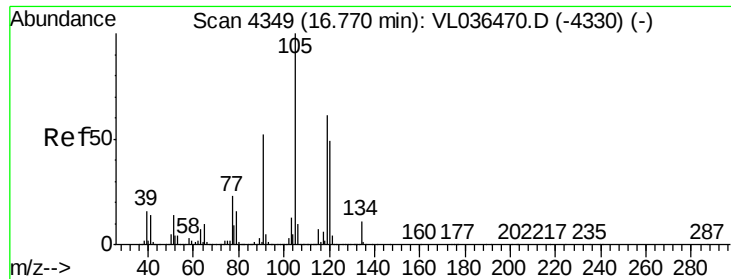
#68
1-Bromo-4-Fluorobenzene
Concen: 9.964 ppbv
RT: 14.45 min Scan# 3627
Delta R.T. 0.03 min
Lab File: VL036516.D
Acq: 26 Mar 2021 16:26

Tgt Ion: 95 Resp: 2466048
Ion Ratio Lower Upper
95 100
174 63.7 51.0 76.6
175 4.4 3.9 5.9



Abundance Ion 95.10 (94.80 to 95.80): VL0
Ion 174.00 (173.70 to 174.70): V
Ion 175.00 (174.70 to 175.70): V

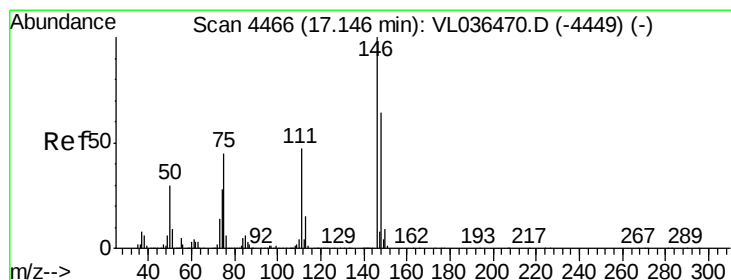
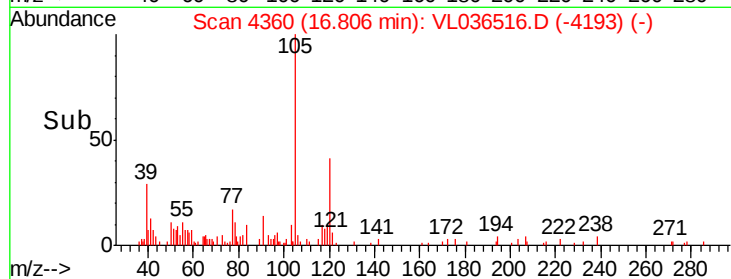
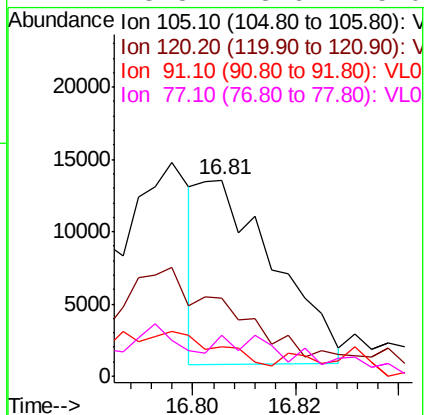
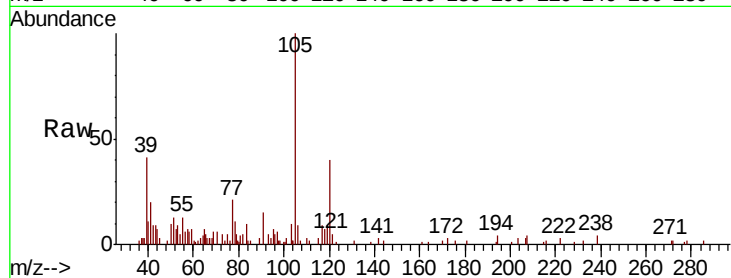




#74
 1,2,4-Trimethylbenzene
 Concen: 0.031 ppbv
 RT: 16.81 min Scan# 4360
 Delta R.T. 0.04 min
 Lab File: VL036516.D
 Acq: 26 Mar 2021 16:26

Instrument :
 MSVOA_L
 ClientSampleId :

Tot Ion:	105	Resp:	12809
Ion	Ratio	Lower	Upper
105	100		
120	33.8	39.2	58.8#
91	8.1	42.6	64.0#
77	13.8	18.6	28.0#



#76
 1,4-Dichlorobenzene
 Concen: 0.045 ppbv
 RT: 17.18 min Scan# 4477
 Delta R.T. 0.04 min
 Lab File: VL036516.D
 Acq: 26 Mar 2021 16:26

Tgt Ion:	146	Resp:	10527
Ion	Ratio	Lower	Upper
146	100		
111	0.0	24.3	72.8#
148	416.3	33.0	98.9#

