

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL111220\
 Data File : VL035919.D
 Acq On : 12 Nov 2020 18:42
 Operator : SY/AP
 Sample : L4720-04
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 CVS-4

Quant Time: Nov 13 00:59:26 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL110320AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Nov 04 02:40:06 2020
 QLast Update : Wed Nov 04 02:40:06 2020
 Response via : Initial Calibration

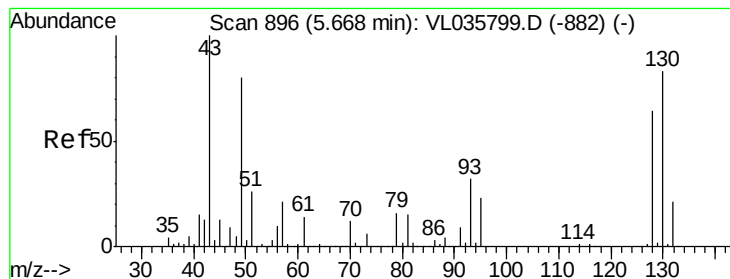
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	1153785	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	4083588	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.09	117	3766555	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.42	95	2814013	10.52	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	105.20%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.04	85	57500	0.265	ppbv	94
3) Chlorodifluoromethane	2.96	51	889642	6.439	ppbv #	58
4) Chloromethane	3.14	50	39121	0.583	ppbv	97
7) Chloroethane	3.55	64	4230	0.140	ppbv #	84
9) Propene	3.20	41	279148	5.520	ppbv	97
10) Heptane	8.12	43	7956	0.057	ppbv #	1
11) Trichlorofluoromethane	3.94	101	65026	0.238	ppbv	85
12) 1,1,2-Trichlorotrifluoroet	4.48	101	15714	0.077	ppbv	97
13) Ethanol	3.65	45	11392991	1038.442	ppbv #	6
15) Acetone	3.84	43	2190637	17.759	ppbv	96
16) 1,3-Butadiene	3.35	39	135142	2.545	ppbv #	2
17) tert-Butyl alcohol	4.03	59	467254	2.858	ppbv	95
19) Isopropyl Alcohol	4.03	45	9508111	125.433	ppbv #	97
20) Methylene Chloride	4.34	84	1044998	12.034	ppbv	99
21) Allyl Chloride	4.12	41	231898	3.476	ppbv #	48
23) Vinyl Acetate	5.05	43	38186	0.221	ppbv #	7
25) Ethyl Acetate	5.68	43	598388	2.462	ppbv #	83
26) Hexane	5.68	57	741308	5.532	ppbv #	55
30) Cyclohexane	7.13	84	13125	0.090	ppbv #	13
34) 2-Butanone	5.24	43	71711	0.541	ppbv	100
35) Carbon Tetrachloride	7.01	117	17751	0.081	ppbv #	84
36) Benzene	6.89	78	90332	0.298	ppbv #	91
37) 1,2-Dichloroethane	6.30	62	6520	0.047	ppbv #	76
39) 1,2-Dichloropropane	7.17	63	842105	8.239	ppbv #	30
41) Tetrahydrofuran	6.06	42	3670	0.049	ppbv #	41
44) 2,2,4-Trimethylpentane	7.87	57	46786	0.116	ppbv #	1
50) 4-Methyl-2-Pentanone	8.75	43	7985	0.039	ppbv	87
53) Toluene	9.81	91	1624692	4.435	ppbv	98
58) Ethyl Benzene	12.71	91	46352	0.101	ppbv #	85
59) m/p-Xylene	12.97	91	139663	0.360	ppbv	100
60) o-Xylene	13.69	91	55409	0.147	ppbv	99
61) Styrene	13.53	104	12251	0.044	ppbv #	73
73) 1,3,5-Trimethylbenzene	16.00	105	15249	0.036	ppbv	99
74) 1,2,4-Trimethylbenzene	16.76	105	61065	0.136	ppbv #	68

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



#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.66 min Scan# 895

Delta R.T. -0.00 min

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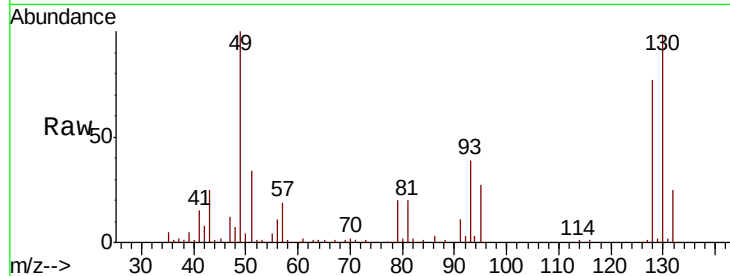
Tot Ion: 49 Resp: 1153785

Ion Ratio Lower Upper

49 100

128 77.3 41.5 124.6

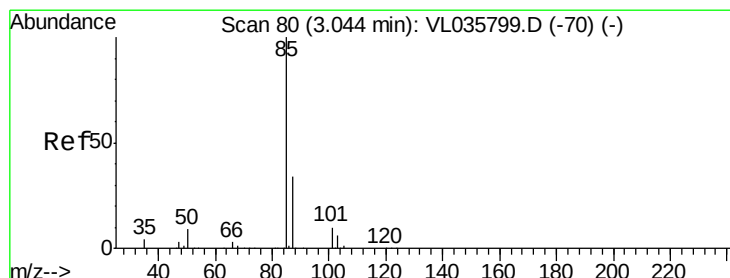
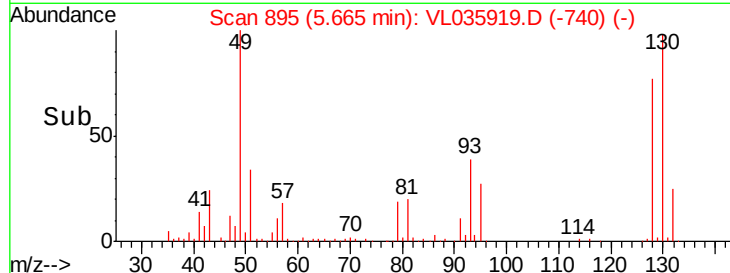
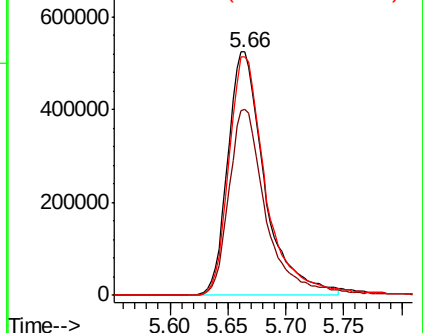
130 99.8 53.7 161.1



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



#2

Dichlorodifluoromethane

Concen: 0.265 ppbv

RT: 3.04 min Scan# 78

Delta R.T. -0.01 min

Lab File: VL035919.D

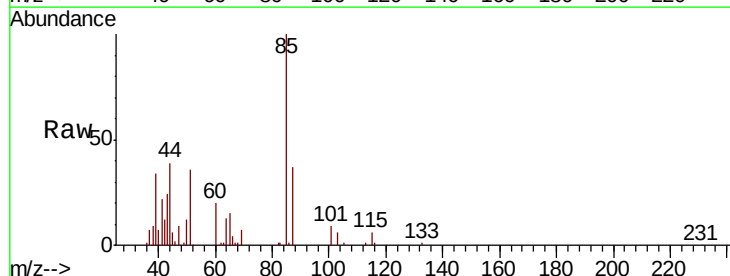
Acq: 12 Nov 2020 18:42

Tgt Ion: 85 Resp: 57500

Ion Ratio Lower Upper

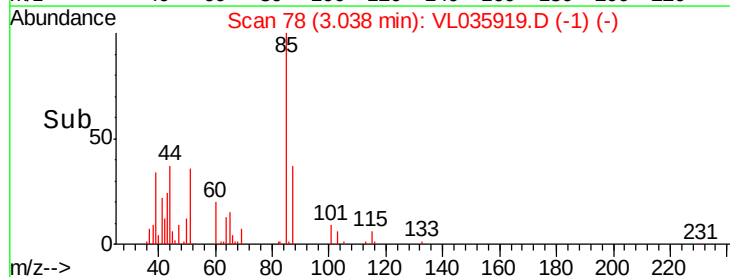
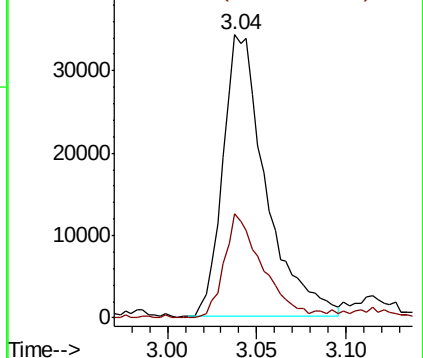
85 100

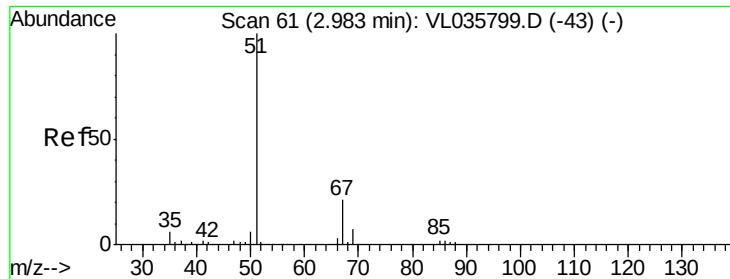
87 37.1 27.1 40.7



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0





#3

Chlorodifluoromethane

Concen: 6.439 ppbv

RT: 2.96 min Scan# 53

Delta R.T. -0.03 min

Lab File: VL035919.D

Acq: 12 Nov 2020 18:42

Instrument :

MSVOA_L

ClientSampleId :

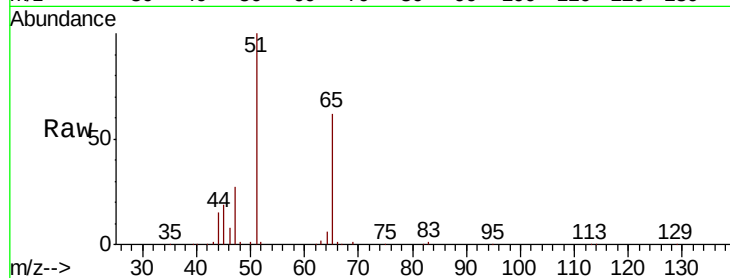
CVS-4

Tot Ion: 51 Resp: 889642

Ion Ratio Lower Upper

51 100

67 1.4 17.0 25.4#



Abundance Ion 51.00 (50.70 to 51.70): VL0

Ion 67.00 (66.70 to 67.70): VL0

2.96

400000

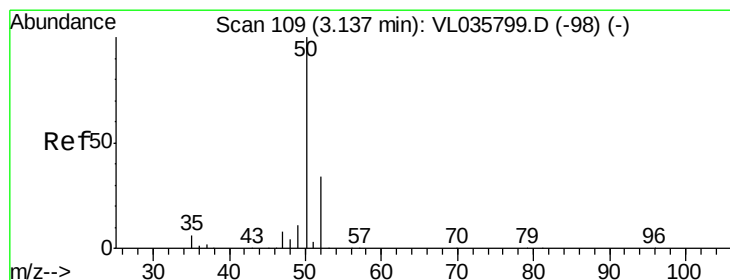
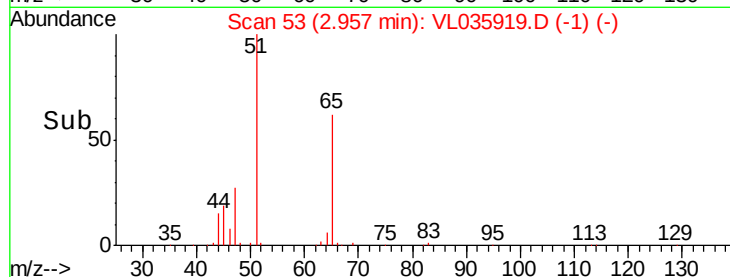
300000

200000

100000

0

Time-->



#4

Chloromethane

Concen: 0.583 ppbv

RT: 3.14 min Scan# 109

Delta R.T. 0.00 min

Lab File: VL035919.D

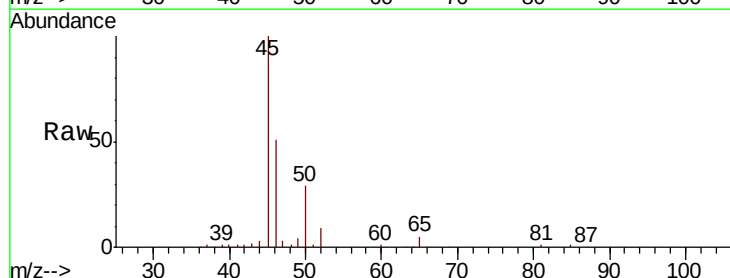
Acq: 12 Nov 2020 18:42

Tgt Ion: 50 Resp: 39121

Ion Ratio Lower Upper

50 100

52 32.3 27.1 40.7



Abundance Ion 50.10 (49.80 to 50.80): VL0

Ion 52.10 (51.80 to 52.80): VL0

3.14

20000

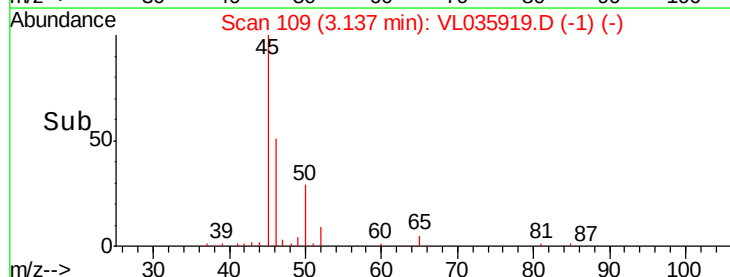
15000

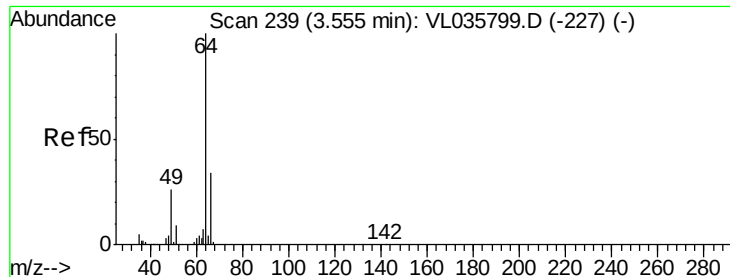
10000

5000

0

Time-->





#7

Chloroethane

Concen: 0.140 ppbv

RT: 3.55 min Scan# 238

Delta R.T. -0.00 min

Lab File: VL035919.D

Acq: 12 Nov 2020 18:42

Instrument :

MSVOA_L

ClientSampleId :

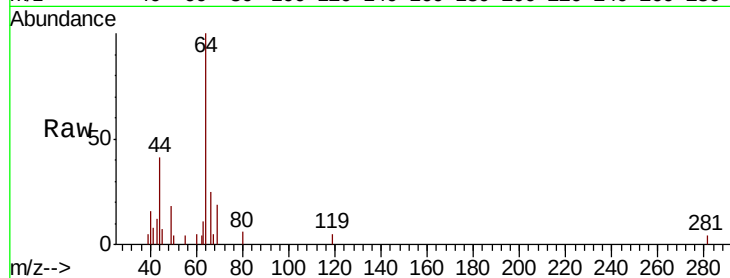
CVS-4

Tot Ion: 64 Resp: 4230

Ion Ratio Lower Upper

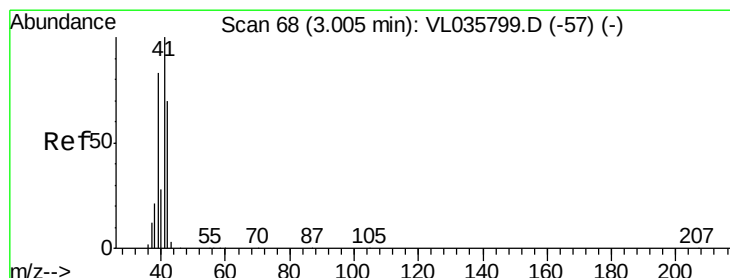
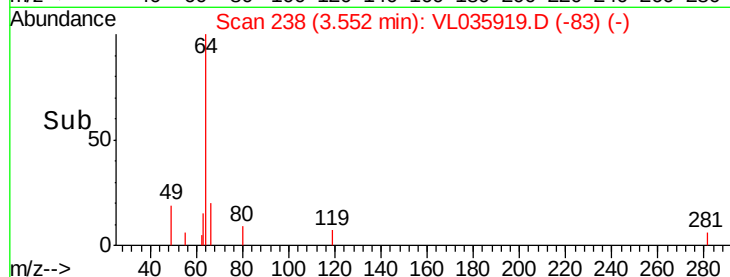
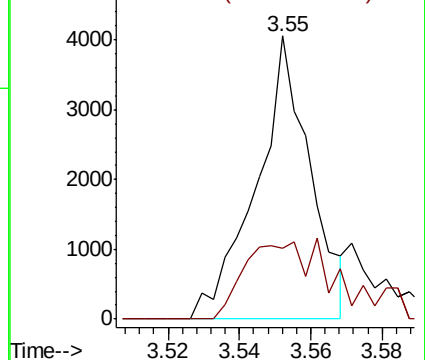
64 100

66 24.9 27.0 40.6#



Abundance Ion 64.10 (63.80 to 64.80): VL0

Ion 66.10 (65.80 to 66.80): VL0



#9

Propene

Concen: 5.520 ppbv

RT: 3.20 min Scan# 128

Delta R.T. 0.19 min

Lab File: VL035919.D

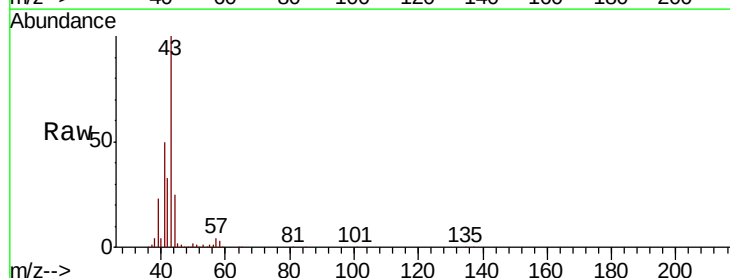
Acq: 12 Nov 2020 18:42

Tgt Ion: 41 Resp: 279148

Ion Ratio Lower Upper

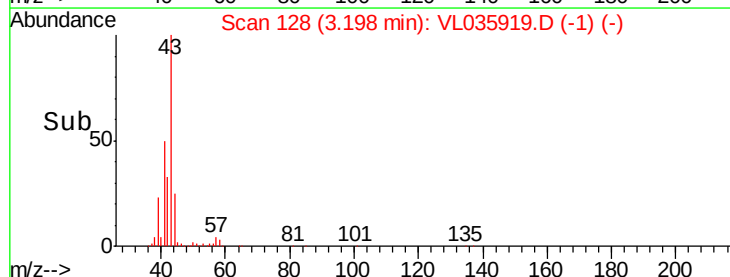
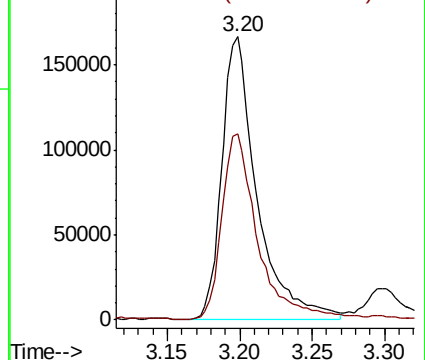
41 100

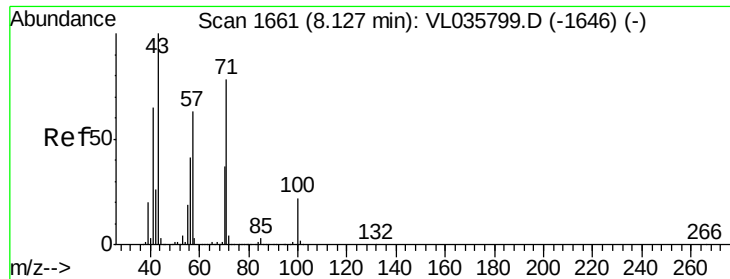
42 68.1 56.2 84.4



Abundance Ion 41.10 (40.80 to 41.80): VL0

Ion 42.10 (41.80 to 42.80): VL0





#10

Heptane

Concen: 0.057 ppbv

RT: 8.12 min Scan# 1660

Delta R.T. -0.00 min

Lab File: VL035919.D

Acq: 12 Nov 2020 18:42

Instrument :

MSVOA_L

ClientSampleId :

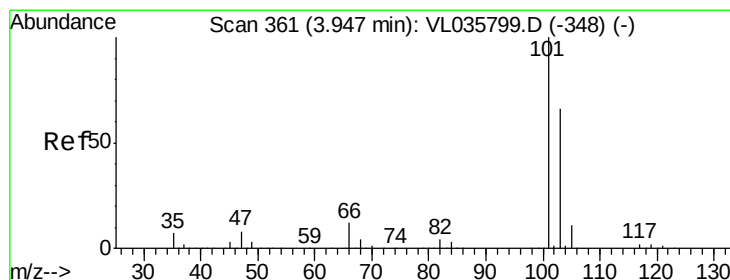
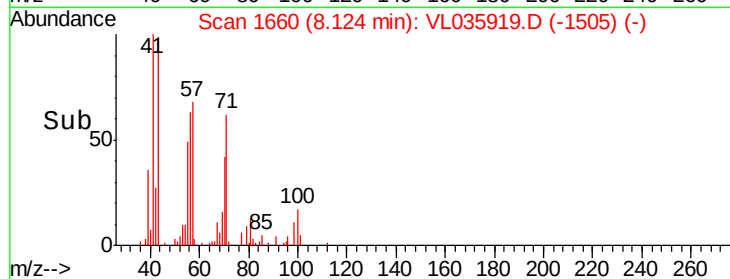
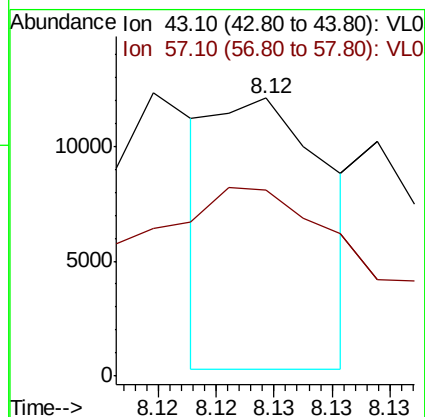
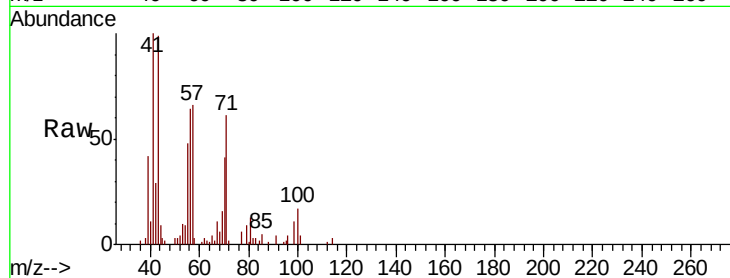
CVS-4

Tot Ion: 43 Resp: 7956

Ion Ratio Lower Upper

43 100

57 216.2 50.0 75.0#



#11

Trichlorofluoromethane

Concen: 0.238 ppbv

RT: 3.94 min Scan# 360

Delta R.T. -0.00 min

Lab File: VL035919.D

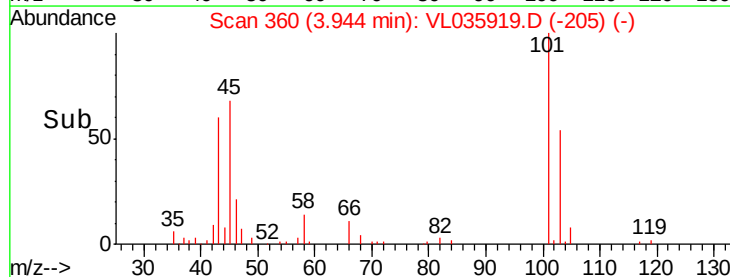
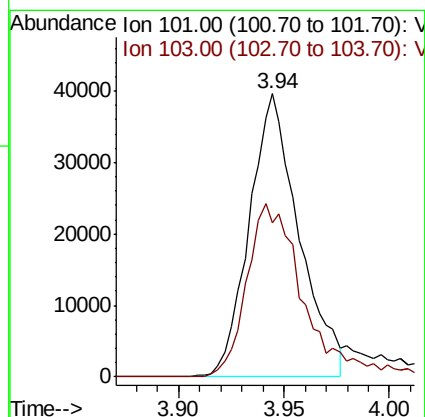
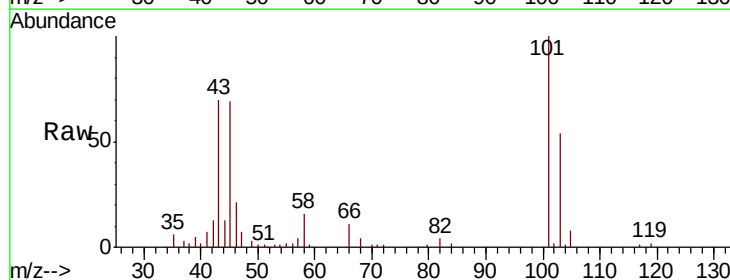
Acq: 12 Nov 2020 18:42

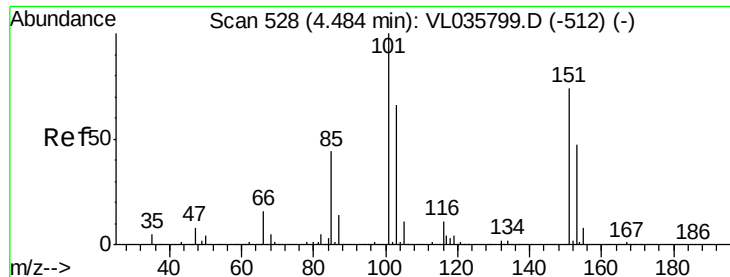
Tgt Ion: 101 Resp: 65026

Ion Ratio Lower Upper

101 100

103 54.3 53.0 79.4





#12

1,1,2-Trichlorotrifluoroethane

Concen: 0.077 ppbv

RT: 4.48 min Scan# 527

Delta R.T. -0.00 min

Lab File: VL035919.D

Acq: 12 Nov 2020 18:42

Instrument :

MSVOA_L

ClientSampleId :

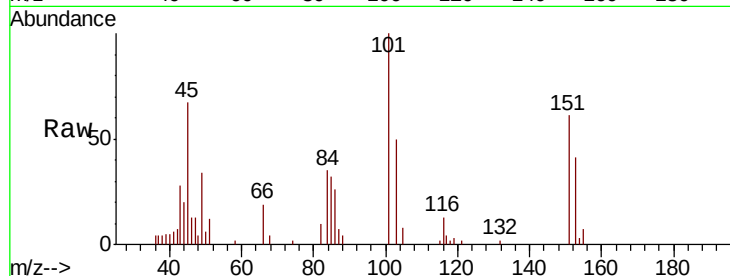
CVS-4

Tot Ion:101 Resp: 15714

Ion Ratio Lower Upper

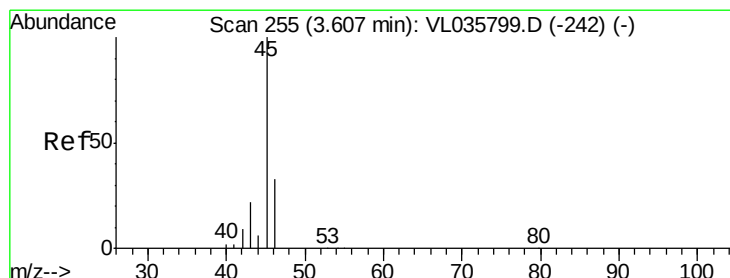
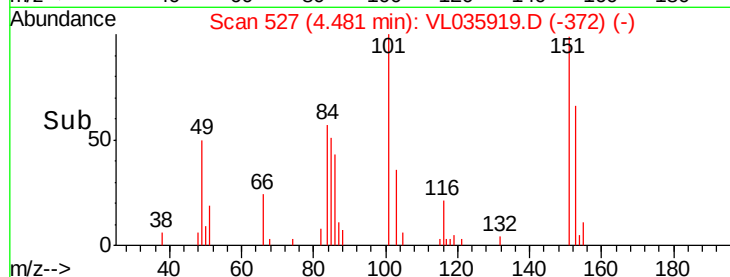
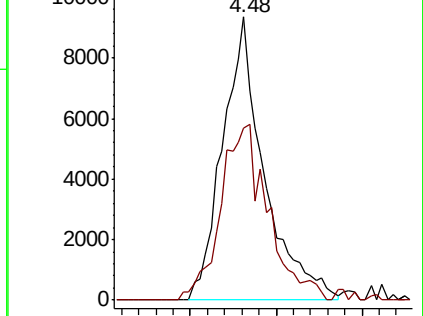
101 100

151 71.0 58.9 88.3



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 151.00 (150.70 to 151.70): V



#13

Ethanol

Concen: 1038.442 ppbv

RT: 3.65 min Scan# 268

Delta R.T. 0.04 min

Lab File: VL035919.D

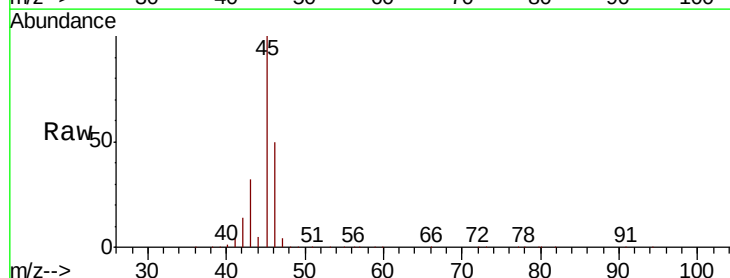
Acq: 12 Nov 2020 18:42

Tgt Ion: 45 Resp:11392991

Ion Ratio Lower Upper

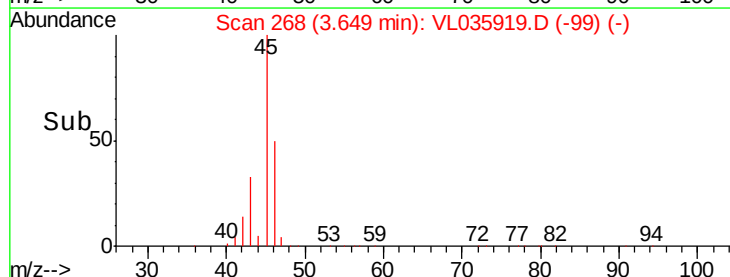
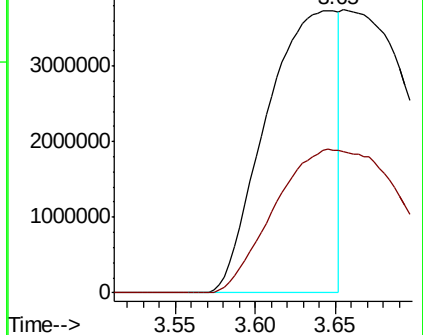
45 100

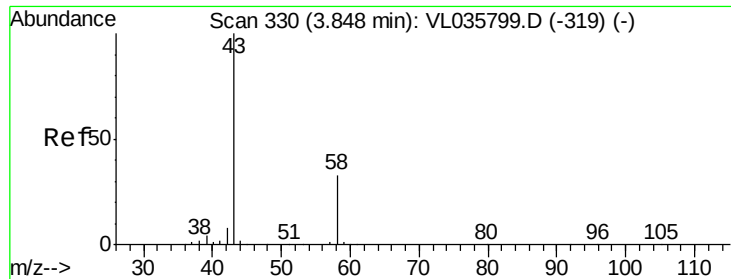
46 98.4 16.1 64.5#



Abundance Ion 45.10 (44.80 to 45.80): VL0

Ion 46.10 (45.80 to 46.80): VL0





#15

Acetone

Concen: 17.759 ppbv

RT: 3.84 min Scan# 328

Delta R.T. -0.01 min

Lab File: VL035919.D

Acq: 12 Nov 2020 18:42

Instrument :

MSVOA_L

ClientSampleId :

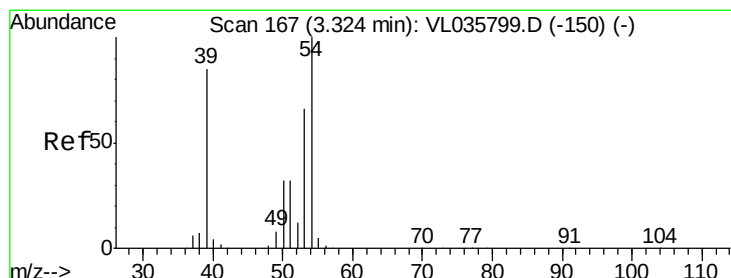
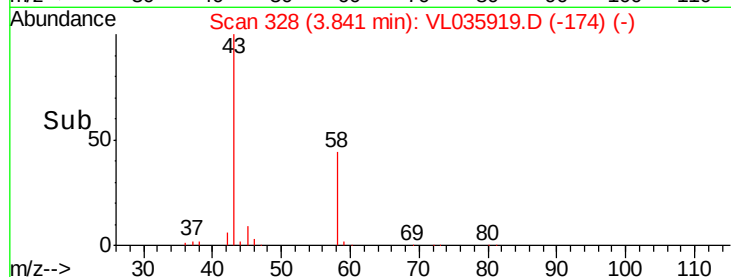
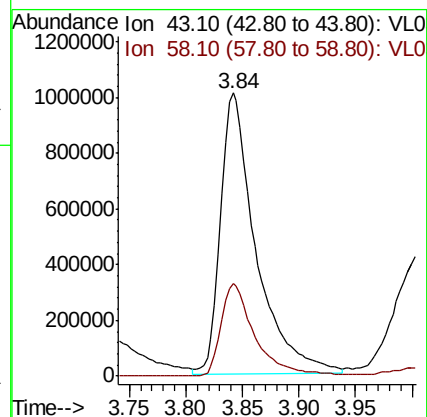
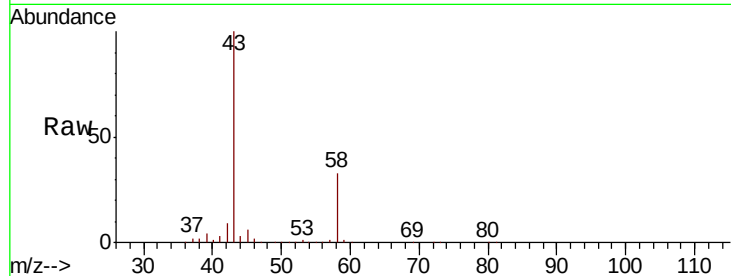
CVS-4

Tot Ion: 43 Resp: 2190637

Ion Ratio Lower Upper

43 100

58 31.9 27.5 41.3



#16

1,3-Butadiene

Concen: 2.545 ppbv

RT: 3.35 min Scan# 175

Delta R.T. 0.03 min

Lab File: VL035919.D

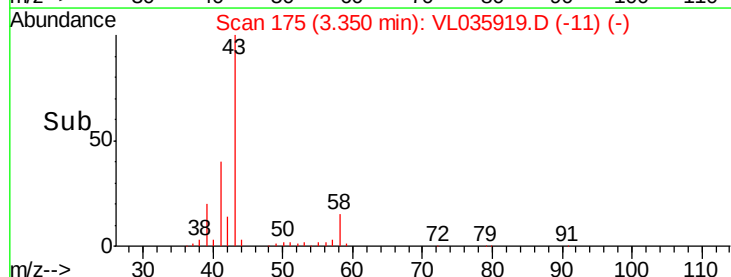
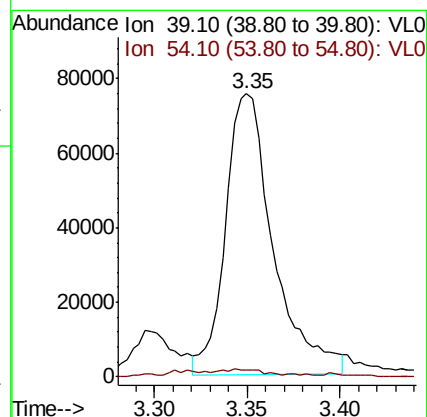
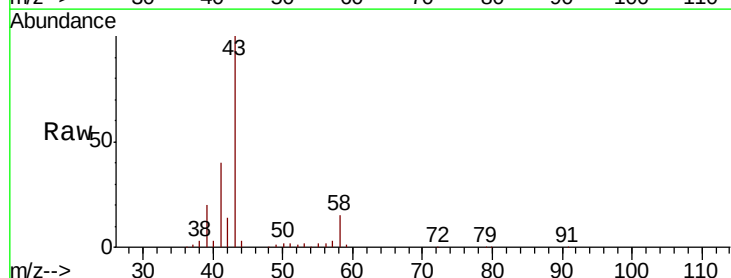
Acq: 12 Nov 2020 18:42

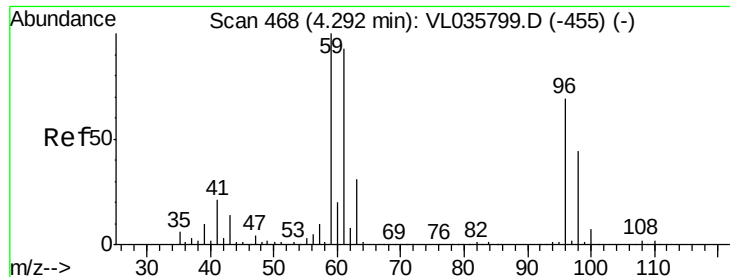
Tgt Ion: 39 Resp: 135142

Ion Ratio Lower Upper

39 100

54 6.1 87.1 130.7#





#17

tert-Butyl alcohol

Concen: 2.858 ppbv

RT: 4.03 min Scan# 386

Delta R.T. -0.26 min

Lab File: VL035919.D

Acq: 12 Nov 2020 18:42

Instrument :

MSVOA_L

ClientSampleID :

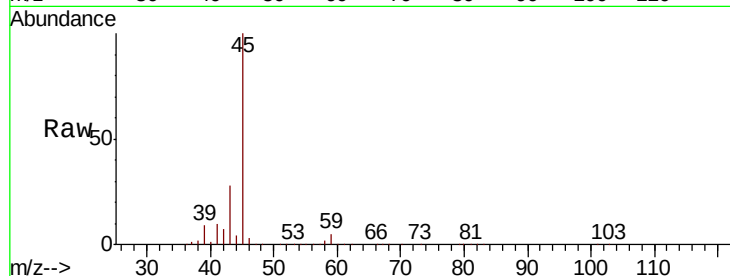
CVS-4

Tot Ion: 59 Resp: 467254

Ion Ratio Lower Upper

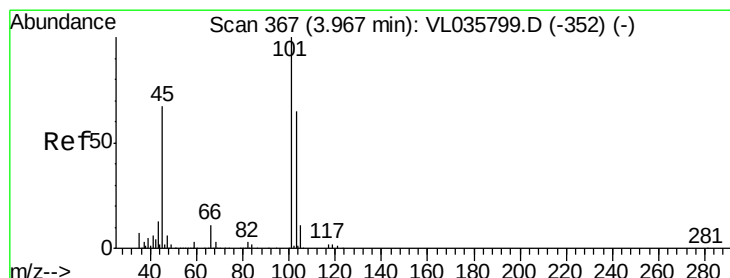
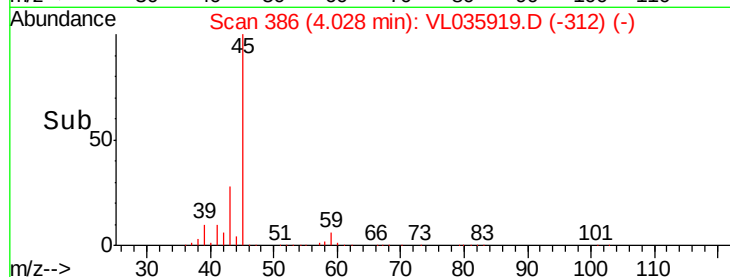
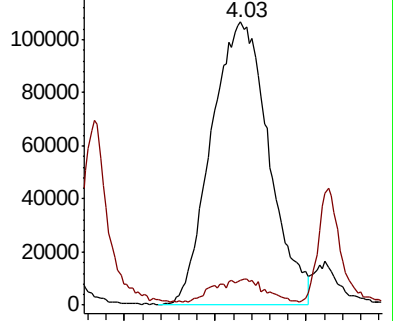
59 100

57 8.6 8.2 12.4



Abundance Ion 59.10 (58.80 to 59.80): VL0

Ion 57.10 (56.80 to 57.80): VL0



#19

Isopropyl Alcohol

Concen: 125.433 ppbv

RT: 4.03 min Scan# 386

Delta R.T. 0.06 min

Lab File: VL035919.D

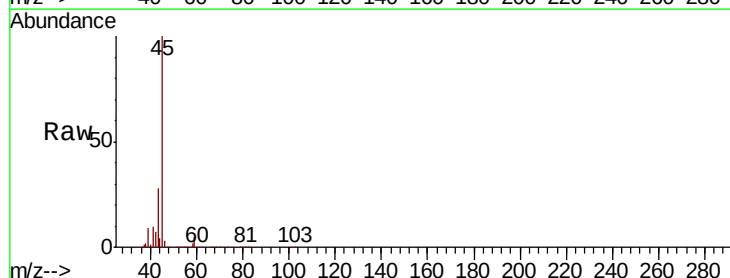
Acq: 12 Nov 2020 18:42

Tgt Ion: 45 Resp: 9508111

Ion Ratio Lower Upper

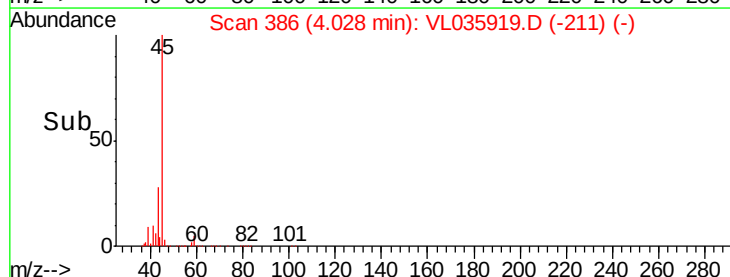
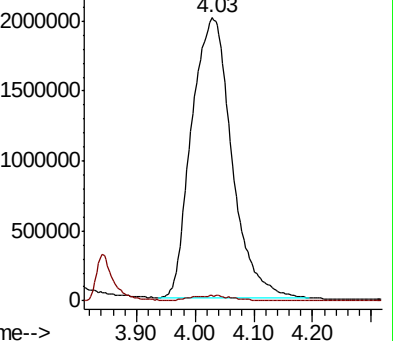
45 100

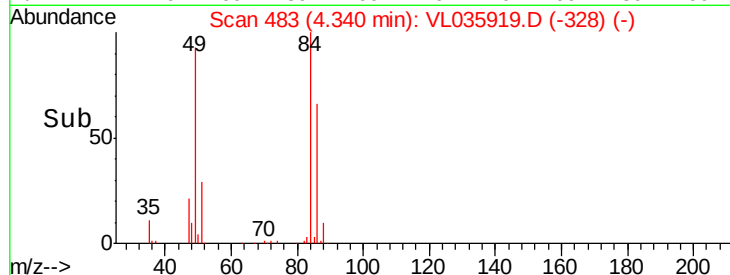
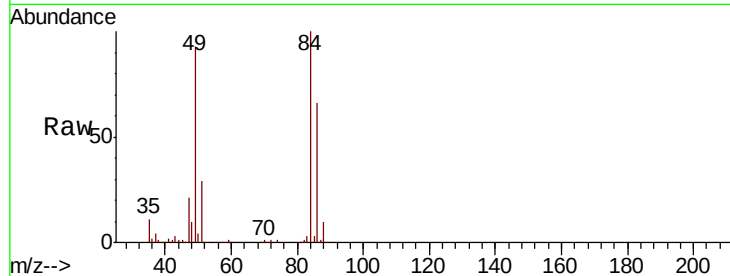
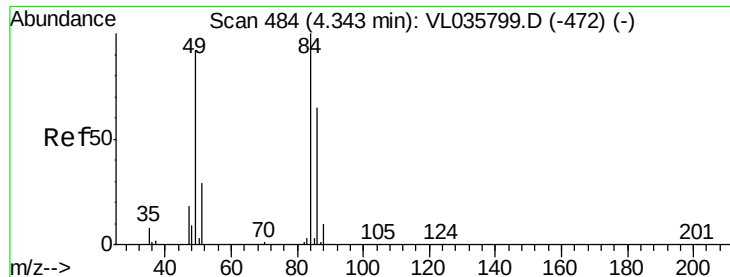
58 2.1 2.6 3.8#



Abundance Ion 45.10 (44.80 to 45.80): VL0

Ion 58.10 (57.80 to 58.80): VL0



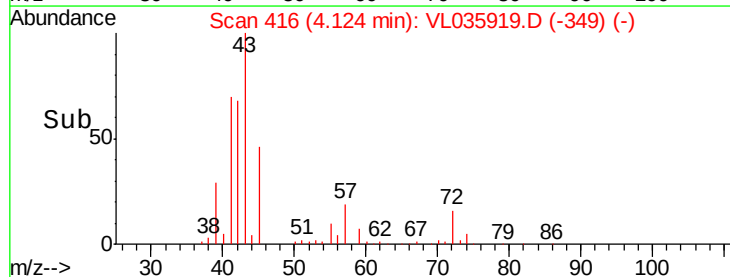
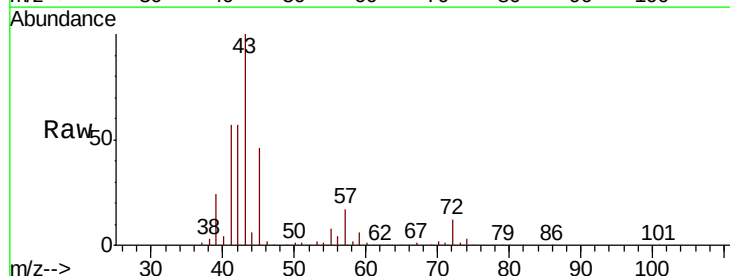
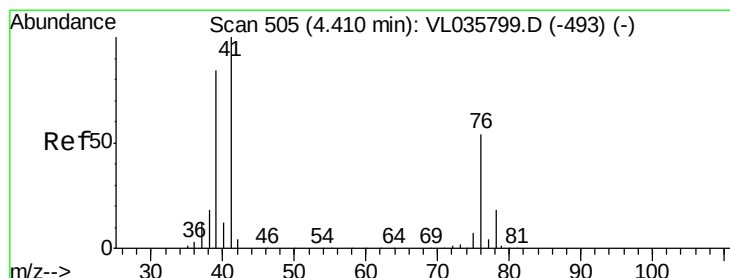
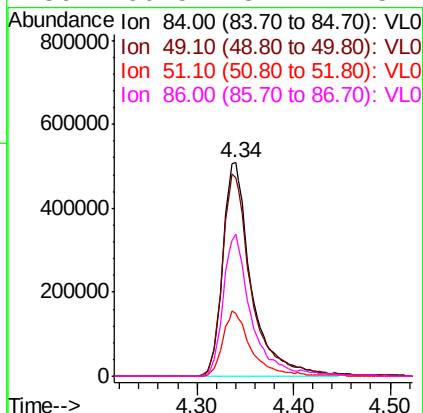


#20
Methylene Chloride
Concen: 12.034 ppbv
RT: 4.34 min Scan# 483
Delta R.T. -0.00 min
Lab File: VL035919.D
Acq: 12 Nov 2020 18:42

Instrument :
MSVOA_L
ClientSampleId :
CVS-4

Tot Ion: 84 Resp: 1044998

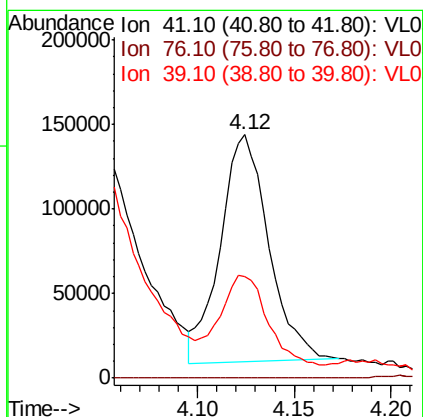
Ion	Ratio	Lower	Upper
84	100		
49	93.1	73.8	110.8
51	29.3	23.0	34.4
86	66.5	52.1	78.1

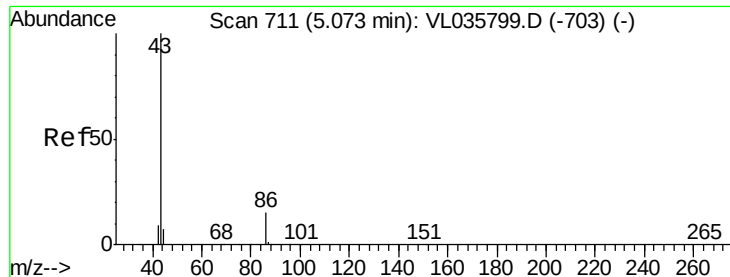


#21
Allyl Chloride
Concen: 3.476 ppbv
RT: 4.12 min Scan# 416
Delta R.T. -0.29 min
Lab File: VL035919.D
Acq: 12 Nov 2020 18:42

Tgt Ion: 41 Resp: 231898

Ion	Ratio	Lower	Upper
41	100		
76	0.9	42.6	63.8#
39	49.5	67.0	100.4#





#23

Vinyl Acetate

Concen: 0.221 ppbv

RT: 5.05 min Scan# 705

Delta R.T. -0.02 min

Lab File: VL035919.D

Acq: 12 Nov 2020 18:42

Instrument :

MSVOA_L

ClientSampleId :

CVS-4

Tot Ion: 43 Resp: 38186

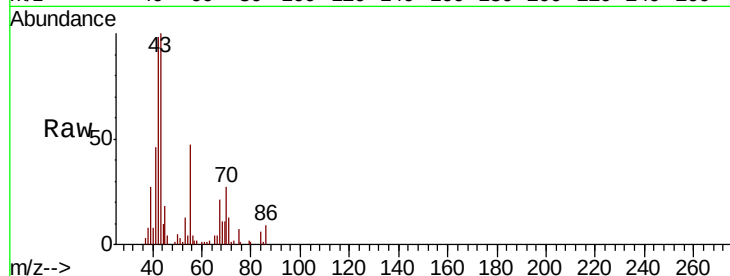
Ion Ratio Lower Upper

43 100

86 9.1 9.8 14.6#

42 99.3 8.1 12.1#

44 2.4 4.2 6.4#

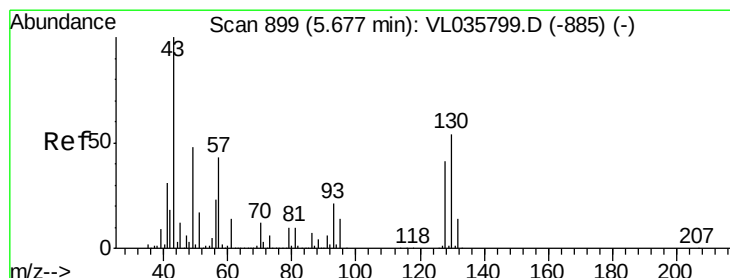
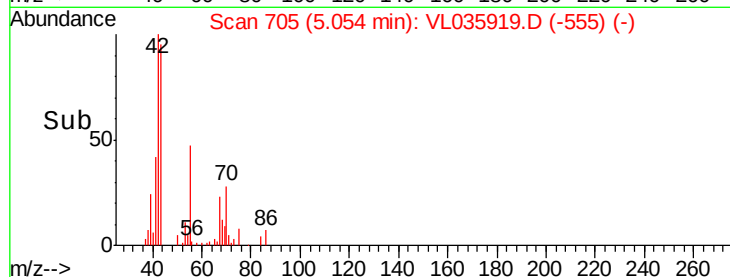
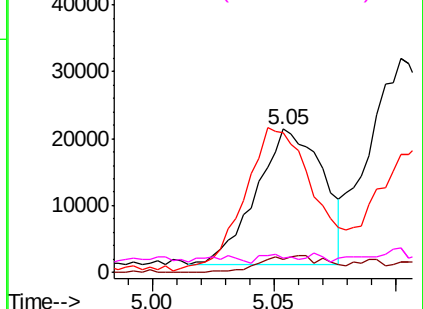


Abundance Ion 43.10 (42.80 to 43.80): VL0

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



#25

Ethyl Acetate

Concen: 2.462 ppbv

RT: 5.68 min Scan# 900

Delta R.T. 0.00 min

Lab File: VL035919.D

Acq: 12 Nov 2020 18:42

Tgt Ion: 43 Resp: 598388

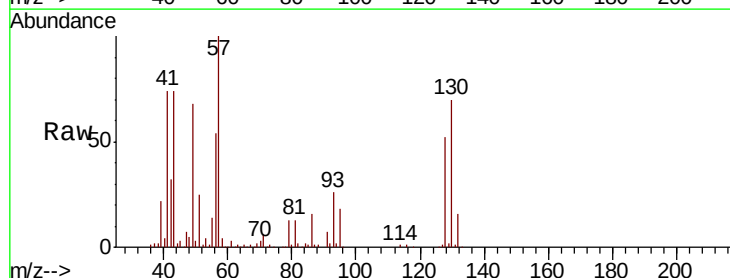
Ion Ratio Lower Upper

43 100

45 5.0 8.5 12.7#

61 4.9 10.7 16.1#

70 5.3 8.6 12.8#

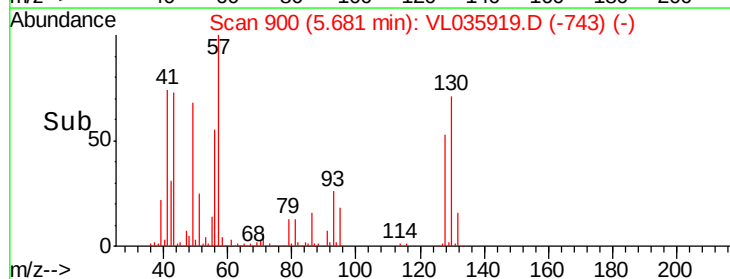
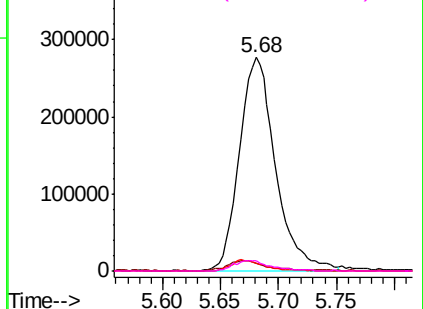


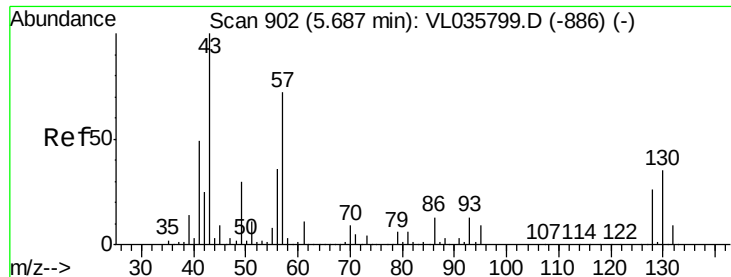
Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 45.10 (44.80 to 45.80): VL0

Ion 61.10 (60.80 to 61.80): VL0

Ion 70.10 (69.80 to 70.80): VL0

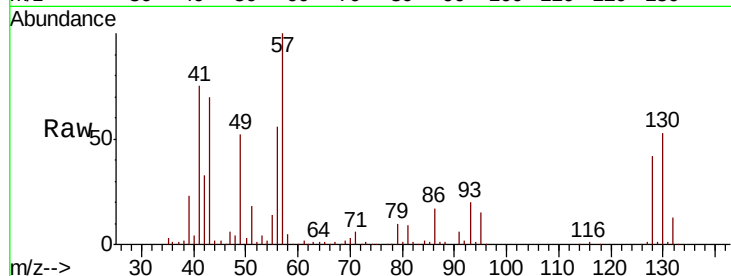




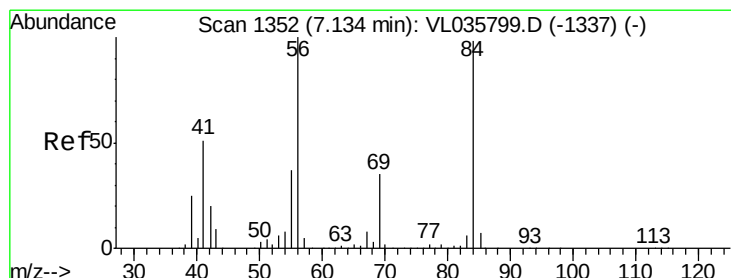
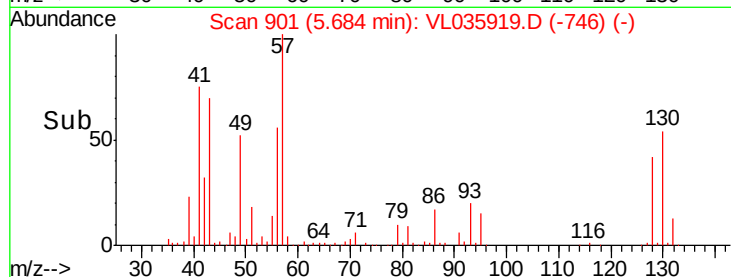
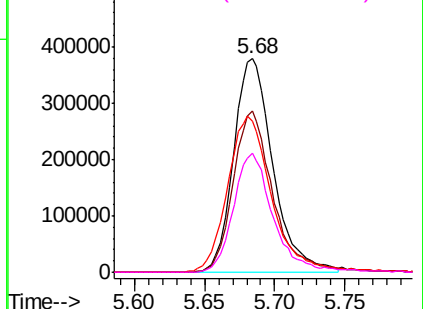
#26
Hexane
Concen: 5.532 ppbv
RT: 5.68 min Scan# 901
Delta R.T. -0.00 min
Lab File: VL035919.D
Acq: 12 Nov 2020 18:42

Instrument :
MSVOA_L
ClientSampleId :
CVS-4

Tot Ion: 57 Resp: 741308
Ion Ratio Lower Upper
57 100
41 77.9 58.9 88.3
43 82.3 150.2 225.2#
56 56.5 42.4 63.6

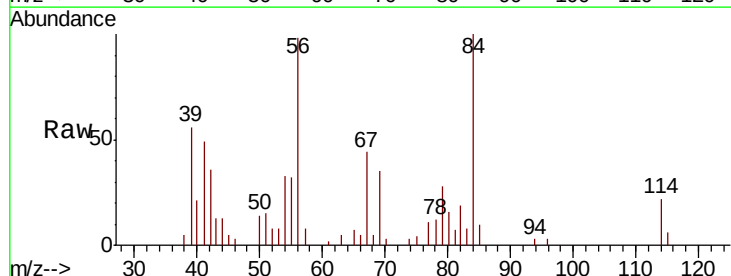


Abundance Ion 57.10 (56.80 to 57.80): VL0
Ion 41.10 (40.80 to 41.80): VL0
Ion 43.10 (42.80 to 43.80): VL0
Ion 56.10 (55.80 to 56.80): VL0

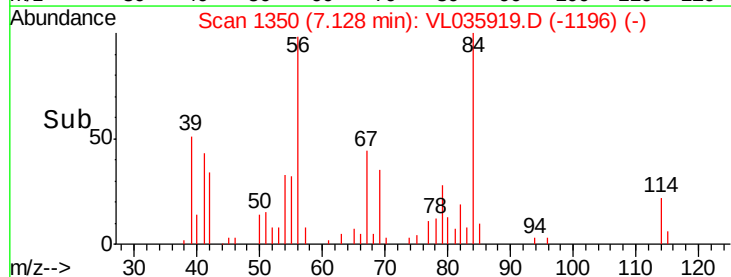
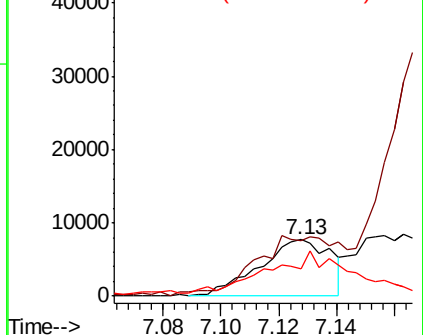


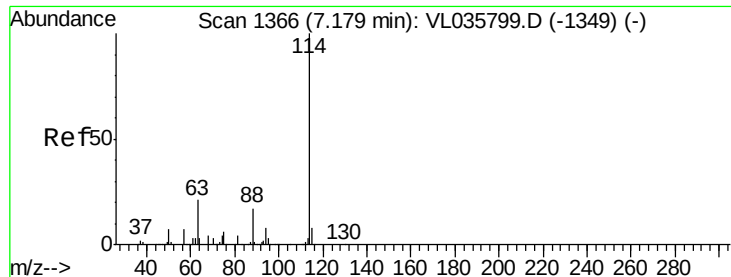
#30
Cyclohexane
Concen: 0.090 ppbv
RT: 7.13 min Scan# 1350
Delta R.T. -0.01 min
Lab File: VL035919.D
Acq: 12 Nov 2020 18:42

Tgt Ion: 84 Resp: 13125
Ion Ratio Lower Upper
84 100
56 0.0 86.4 129.6#
41 91.3 42.1 63.1#



Abundance Ion 84.20 (83.90 to 84.90): VL0
Ion 56.10 (55.80 to 56.80): VL0
Ion 41.10 (40.80 to 41.80): VL0

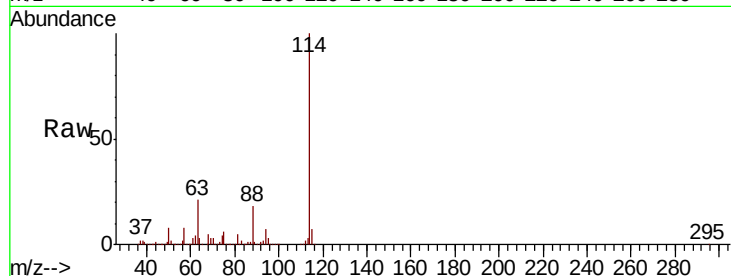




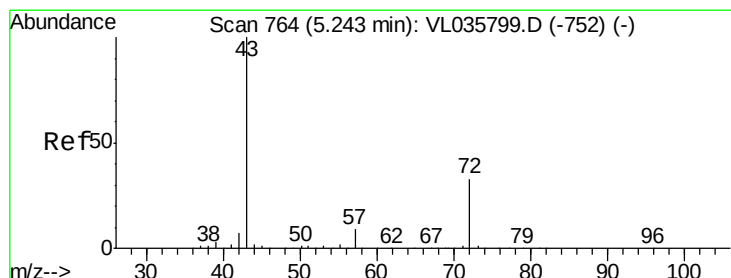
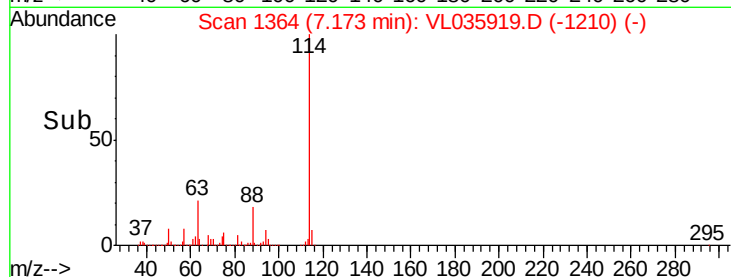
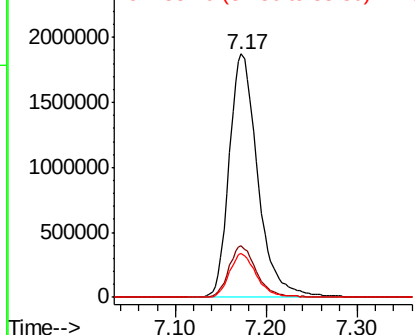
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.17 min Scan# 1364
 Delta R.T. -0.01 min
 Lab File: VL035919.D
 Acq: 12 Nov 2020 18:42

Instrument :
 MSVOA_L
 ClientSampleId :
 CVS-4

Tot Ion:114 Resp: 4083588
 Ion Ratio Lower Upper
 114 100
 63 20.9 16.1 24.1
 88 17.4 13.7 20.5

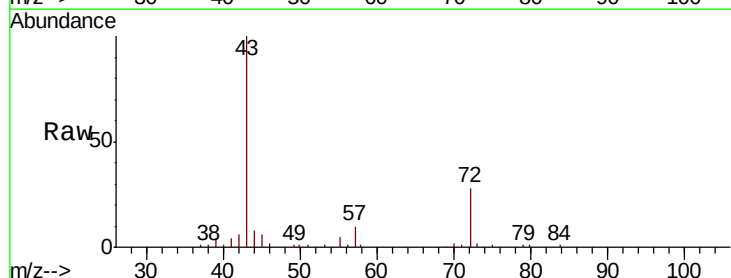


Abundance Ion 114.10 (113.80 to 114.80): VL0
 Ion 63.10 (62.80 to 63.80): VL0
 Ion 88.10 (87.80 to 88.80): VL0

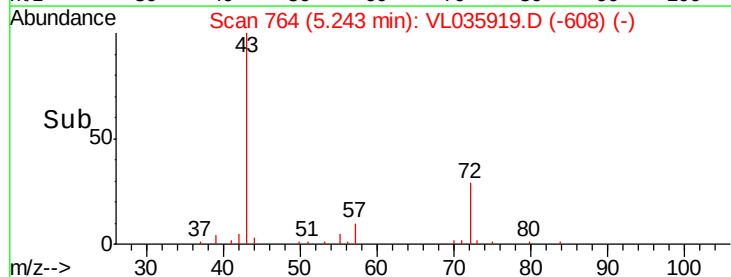
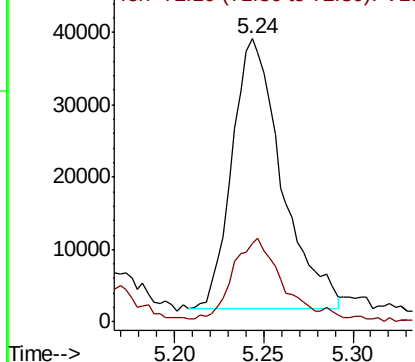


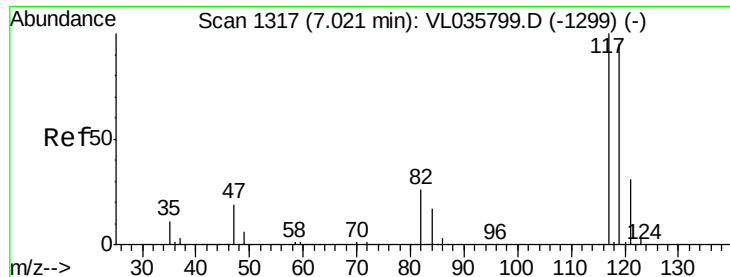
#34
 2-Butanone
 Concen: 0.541 ppbv
 RT: 5.24 min Scan# 764
 Delta R.T. 0.00 min
 Lab File: VL035919.D
 Acq: 12 Nov 2020 18:42

Tgt Ion: 43 Resp: 71711
 Ion Ratio Lower Upper
 43 100
 72 33.3 26.5 39.7



Abundance Ion 43.10 (42.80 to 43.80): VL0
 Ion 72.10 (71.80 to 72.80): VL0





#35

Carbon Tetrachloride

Concen: 0.081 ppbv

RT: 7.01 min Scan# 1315

Delta R.T. -0.01 min

Lab File: VL035919.D

Acq: 12 Nov 2020 18:42

Instrument :

MSVOA_L

ClientSampleId :

CVS-4

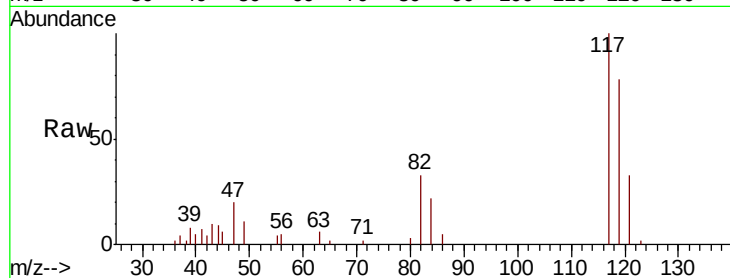
Tot Ion:117 Resp: 17751

Ion Ratio Lower Upper

117 100

119 74.4 75.6 113.4#

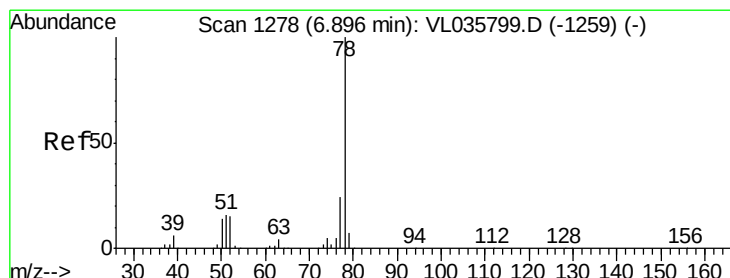
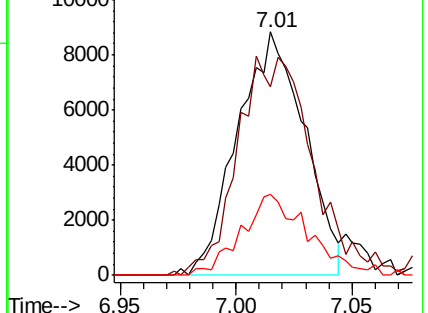
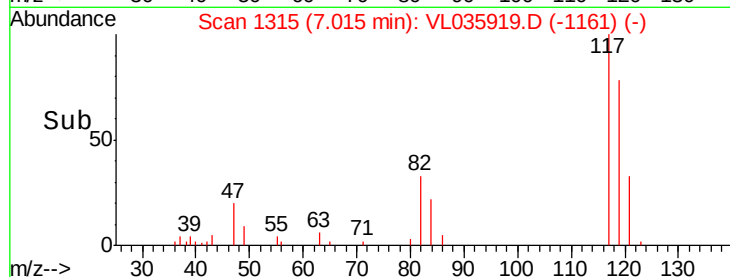
121 33.4 25.1 37.7



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V

Ion 121.00 (120.70 to 121.70): V



#36

Benzene

Concen: 0.298 ppbv

RT: 6.89 min Scan# 1275

Delta R.T. -0.01 min

Lab File: VL035919.D

Acq: 12 Nov 2020 18:42

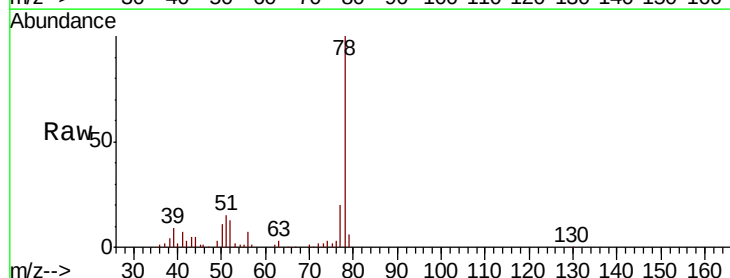
Tgt Ion: 78 Resp: 90332

Ion Ratio Lower Upper

78 100

77 19.5 19.3 28.9

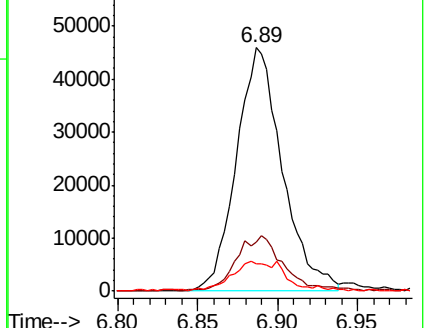
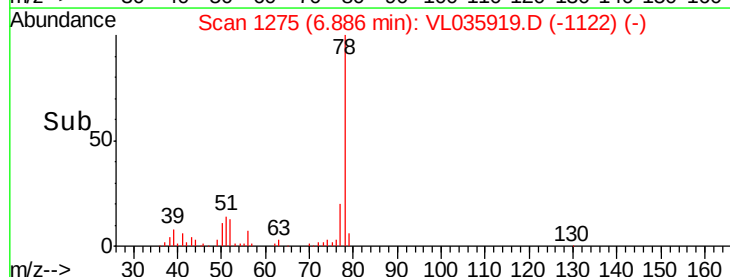
50 11.0 11.4 17.2#

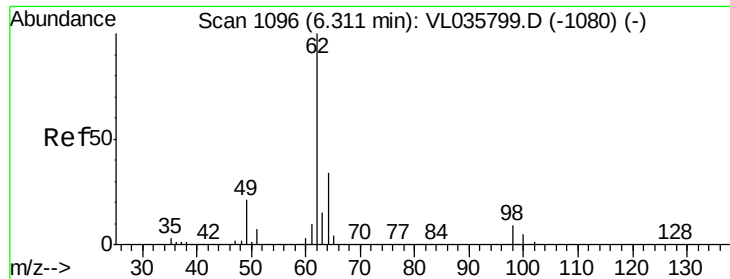


Abundance Ion 78.10 (77.80 to 78.80): VL0

Ion 77.10 (76.80 to 77.80): VL0

Ion 50.10 (49.80 to 50.80): VL0

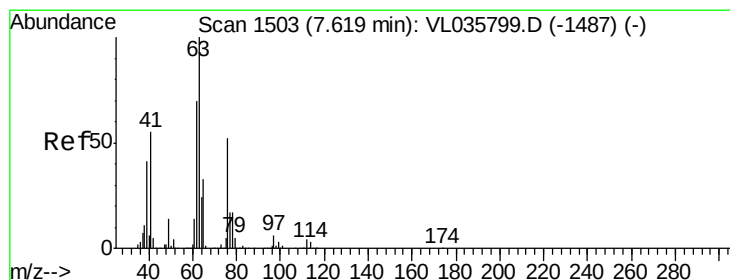
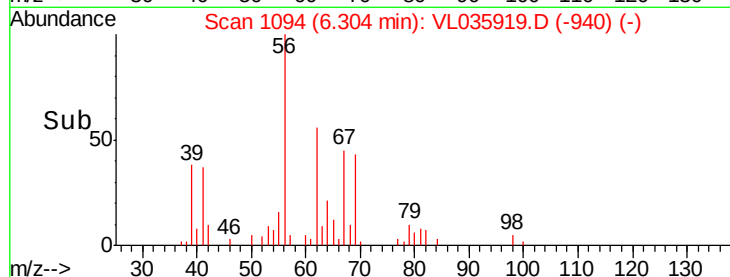
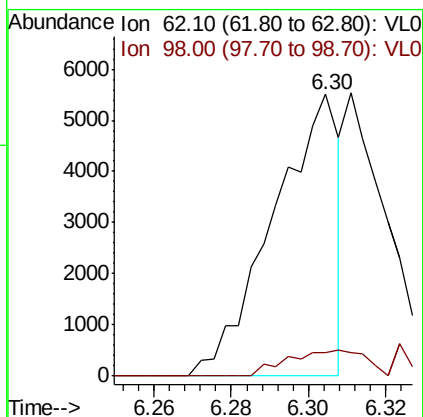
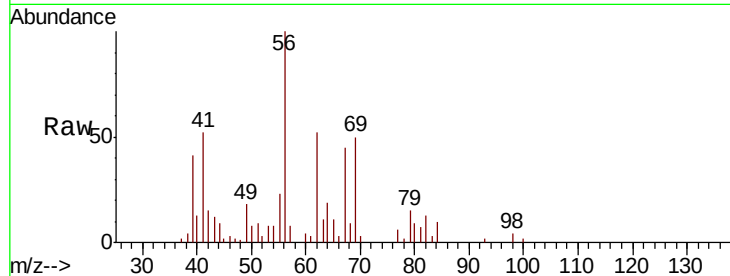




#37
 1,2-Dichloroethane
 Concen: 0.047 ppbv
 RT: 6.30 min Scan# 1094
 Delta R.T. -0.01 min
 Lab File: VL035919.D
 Acq: 12 Nov 2020 18:42

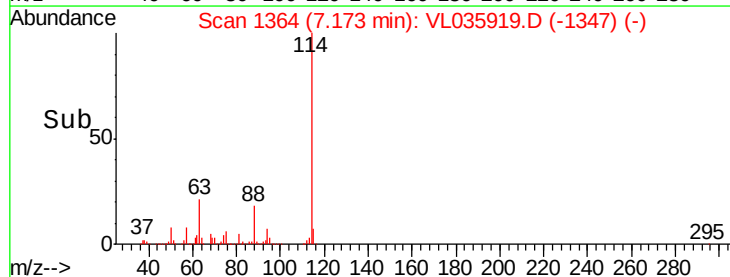
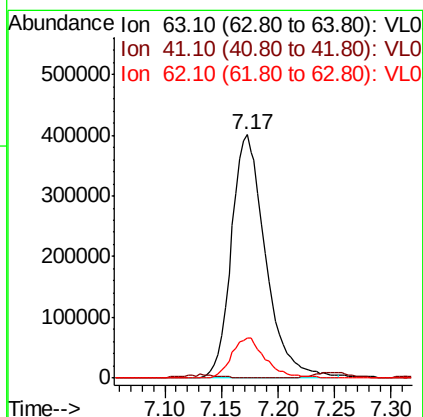
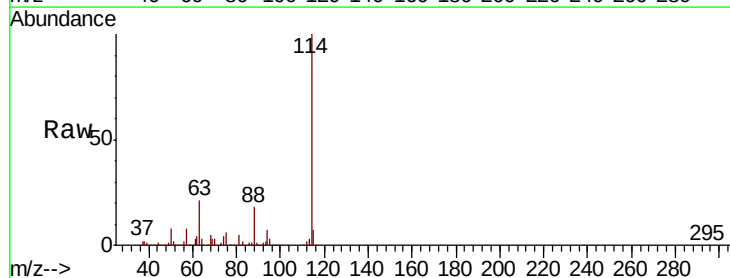
Instrument :
 MSVOA_L
 ClientSampleId :
 CVS-4

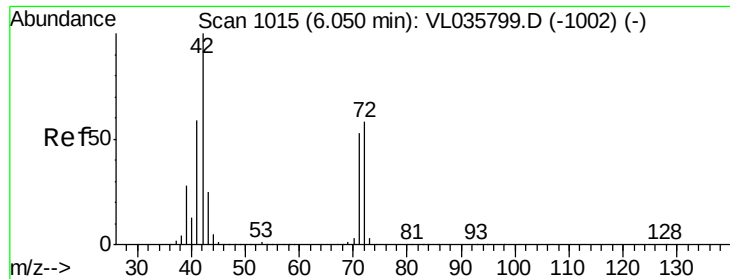
Tot Ion: 62 Resp: 6520
 Ion Ratio Lower Upper
 62 100
 98 0.0 6.9 10.3#



#39
 1,2-Dichloropropane
 Concen: 8.239 ppbv
 RT: 7.17 min Scan# 1364
 Delta R.T. -0.45 min
 Lab File: VL035919.D
 Acq: 12 Nov 2020 18:42

Tgt Ion: 63 Resp: 842105
 Ion Ratio Lower Upper
 63 100
 41 0.0 43.8 65.6#
 62 16.4 56.2 84.2#





#41

Tetrahydrofuran

Concen: 0.049 ppbv

RT: 6.06 min Scan# 1019

Delta R.T. 0.01 min

Lab File: VL035919.D

Acq: 12 Nov 2020 18:42

Instrument :

MSVOA_L

ClientSampled :

CVS-4

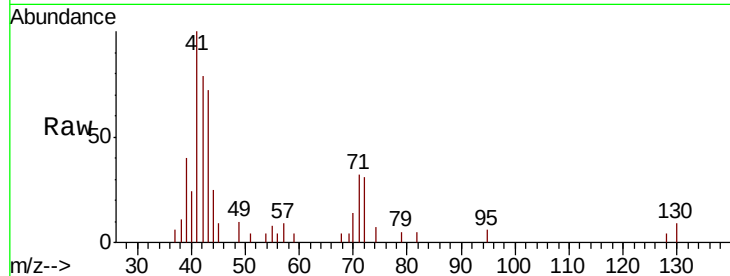
Tot Ion: 42 Resp: 3670

Ion Ratio Lower Upper

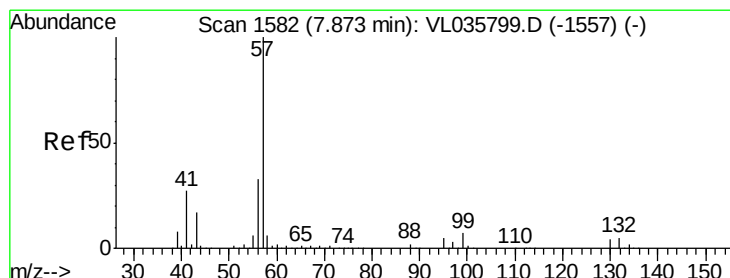
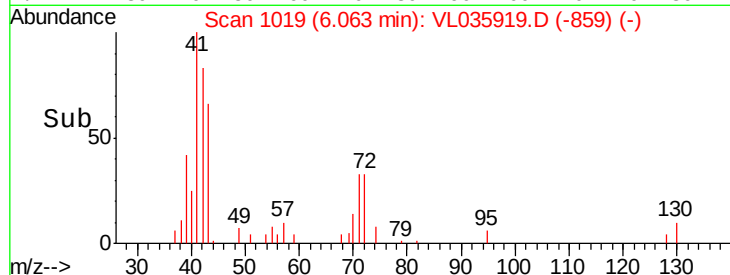
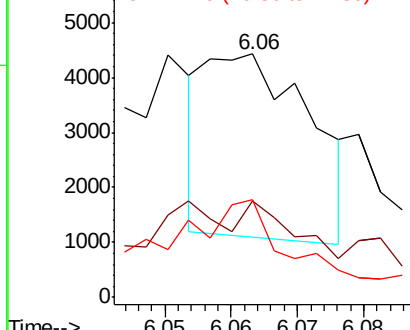
42 100

72 120.8 45.4 68.0#

71 76.1 43.4 65.2#



Abundance Ion 42.10 (41.80 to 42.80): VL0
Ion 72.10 (71.80 to 72.80): VL0
Ion 71.10 (70.80 to 71.80): VL0



#44

2,2,4-Trimethylpentane

Concen: 0.116 ppbv

RT: 7.87 min Scan# 1581

Delta R.T. -0.00 min

Lab File: VL035919.D

Acq: 12 Nov 2020 18:42

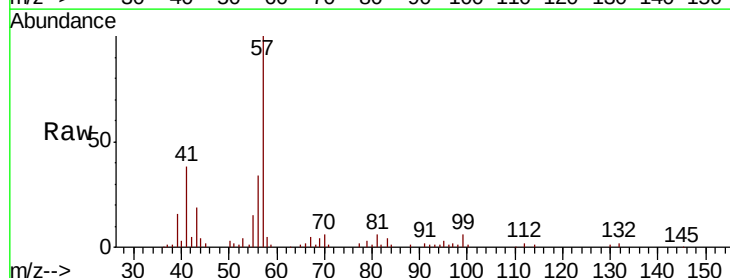
Tgt Ion: 57 Resp: 46786

Ion Ratio Lower Upper

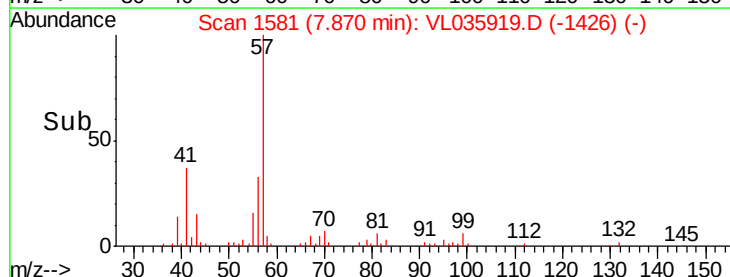
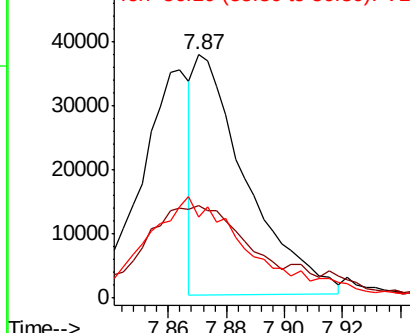
57 100

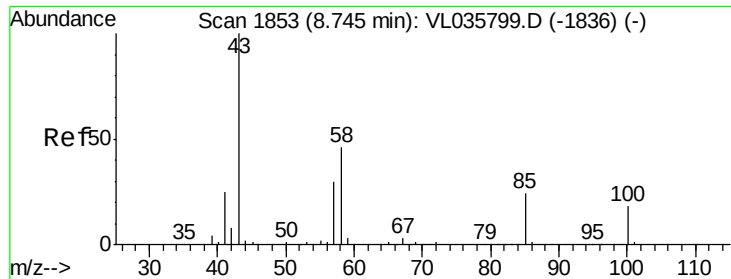
41 95.5 21.0 31.4#

56 88.2 25.4 38.0#



Abundance Ion 57.10 (56.80 to 57.80): VL0
Ion 41.10 (40.80 to 41.80): VL0
Ion 56.10 (55.80 to 56.80): VL0





#50

4-Methyl-2-Pentanone

Concen: 0.039 ppbv

RT: 8.75 min Scan# 1855

Delta R.T. 0.01 min

Lab File: VL035919.D

Acq: 12 Nov 2020 18:42

Instrument :

MSVOA_L

ClientSampled :

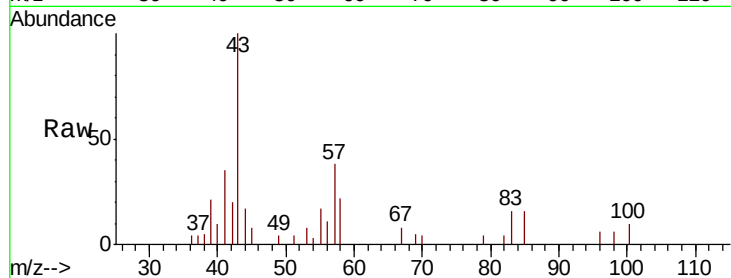
CVS-4

Tot Ion: 43 Resp: 7985

Ion Ratio Lower Upper

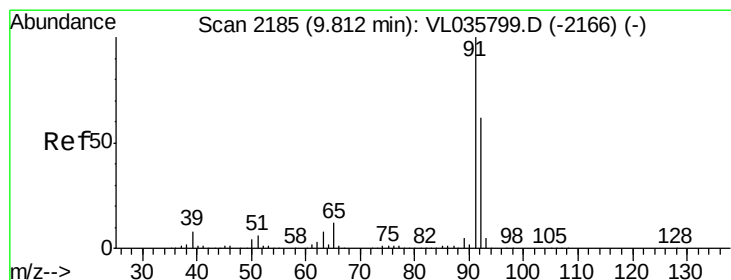
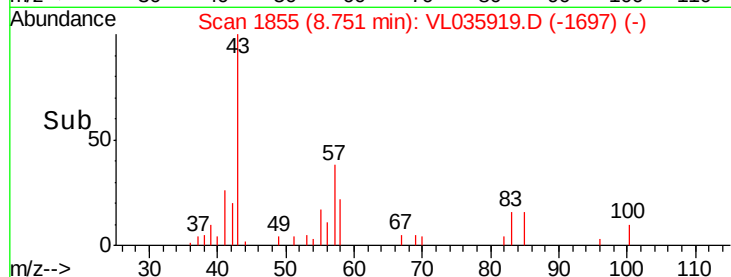
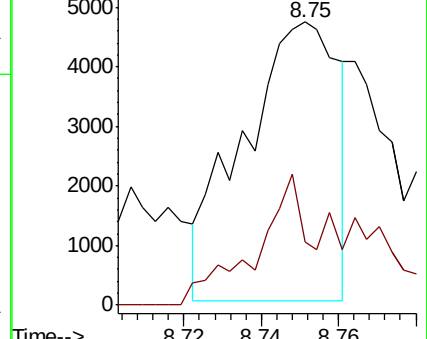
43 100

58 53.4 36.0 54.0



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0



#53

Toluene

Concen: 4.435 ppbv

RT: 9.81 min Scan# 2183

Delta R.T. -0.01 min

Lab File: VL035919.D

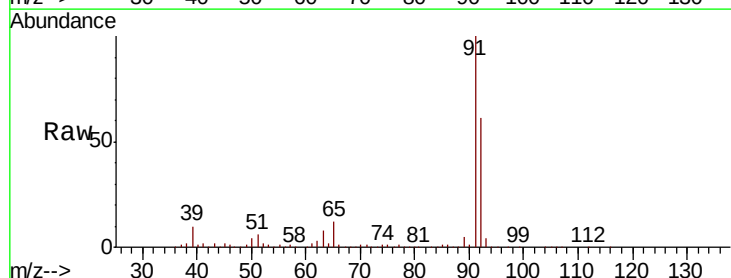
Acq: 12 Nov 2020 18:42

Tgt Ion: 91 Resp: 1624692

Ion Ratio Lower Upper

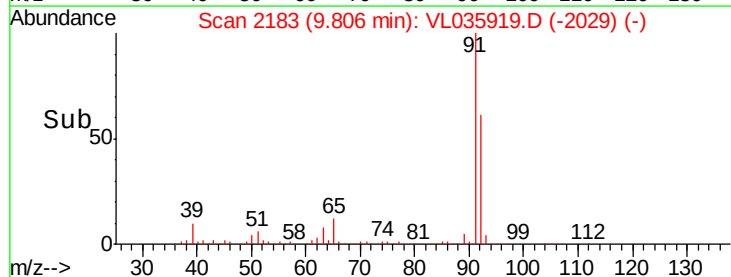
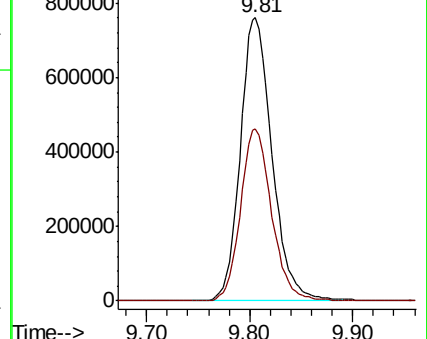
91 100

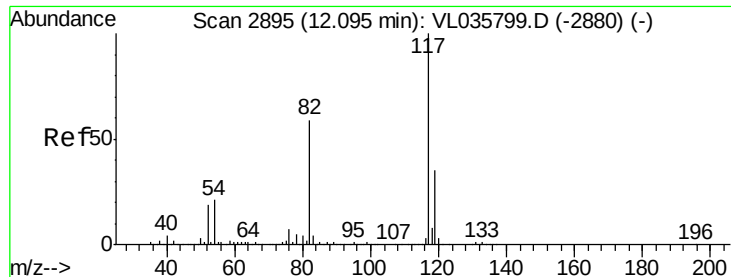
92 60.3 49.8 74.6



Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 92.10 (91.80 to 92.80): VL0

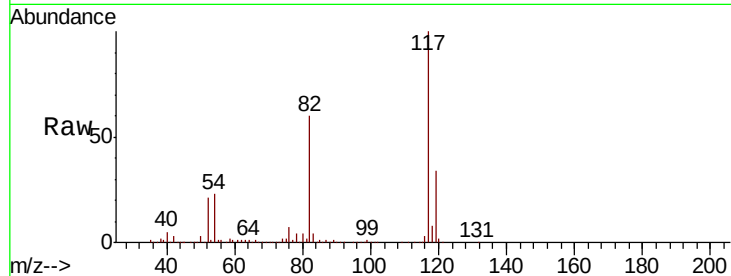




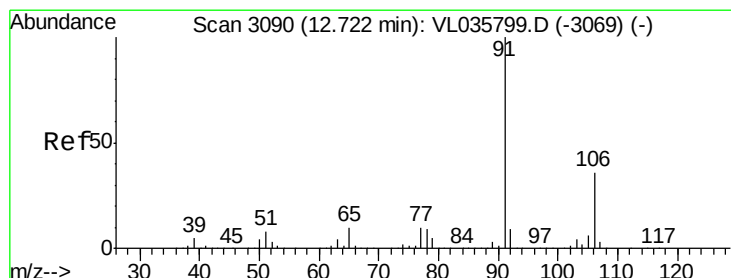
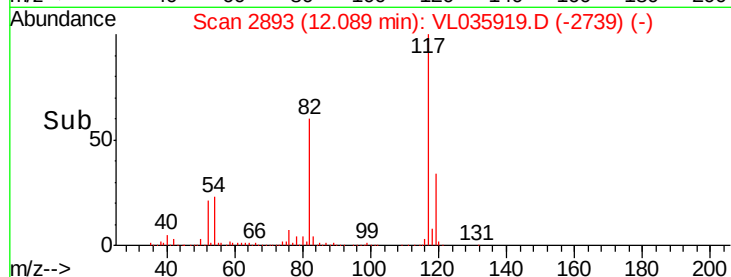
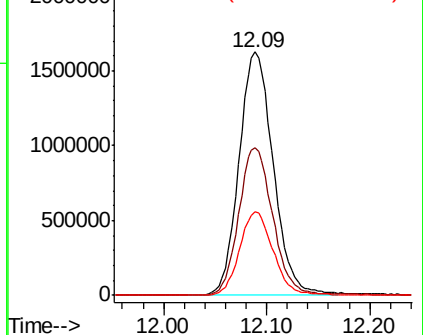
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.09 min Scan# 2893
Delta R.T. -0.01 min
Lab File: VL035919.D
Acq: 12 Nov 2020 18:42

Instrument :
MSVOA_L
ClientSampleId :
CVS-4

Tot Ion:117 Resp: 3766555
Ion Ratio Lower Upper
117 100
82 61.2 50.6 76.0
119 34.0 52.6 78.8#

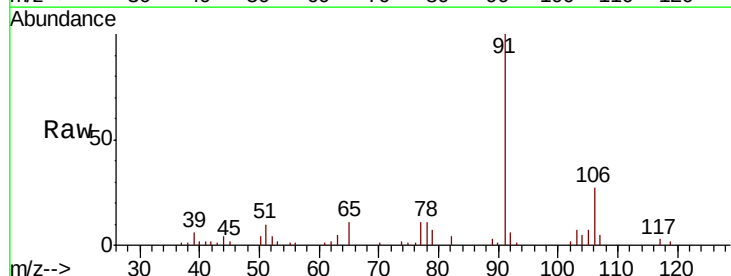


Abundance Ion 117.10 (116.80 to 117.80): V
Ion 82.10 (81.80 to 82.80): VL0
Ion 119.10 (118.80 to 119.80): V

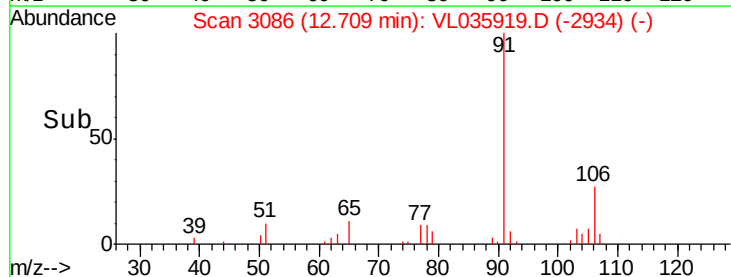
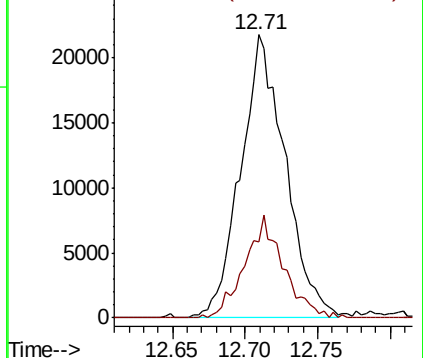


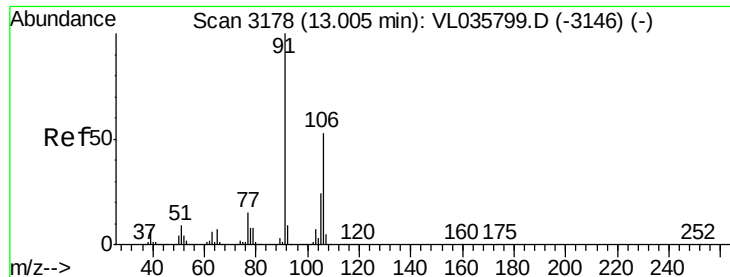
#58
Ethyl Benzene
Concen: 0.101 ppbv
RT: 12.71 min Scan# 3086
Delta R.T. -0.01 min
Lab File: VL035919.D
Acq: 12 Nov 2020 18:42

Tgt Ion: 91 Resp: 46352
Ion Ratio Lower Upper
91 100
106 26.7 28.6 43.0#



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

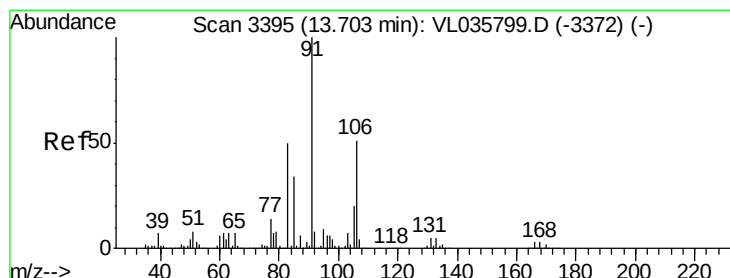
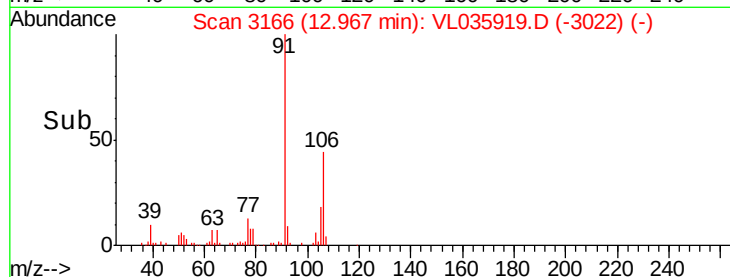
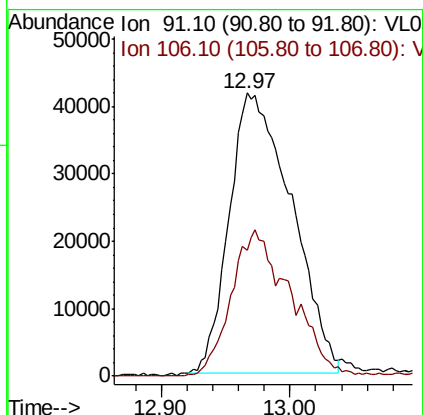
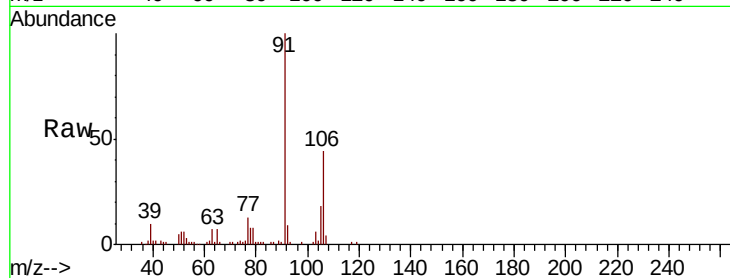




#59
m/p-Xylene
Concen: 0.360 ppbv
RT: 12.97 min Scan# 3166
Delta R.T. -0.04 min
Lab File: VL035919.D
Acq: 12 Nov 2020 18:42

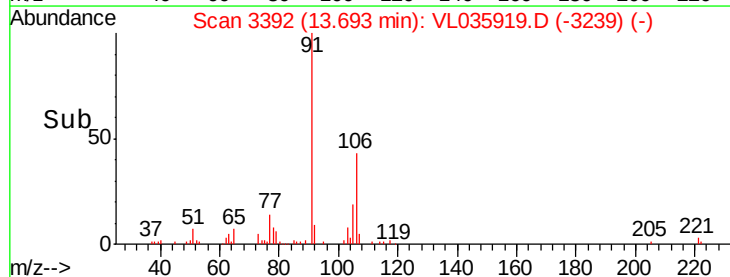
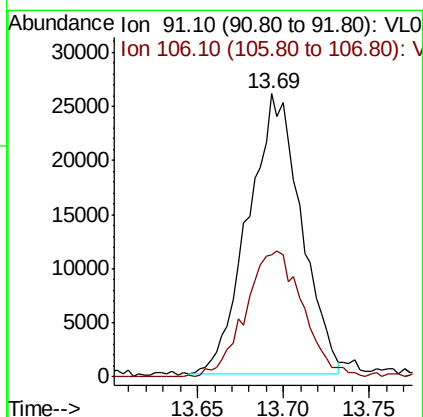
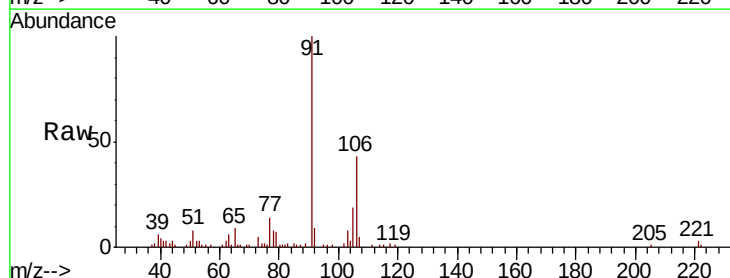
Instrument :
MSVOA_L
ClientSampleId :
CVS-4

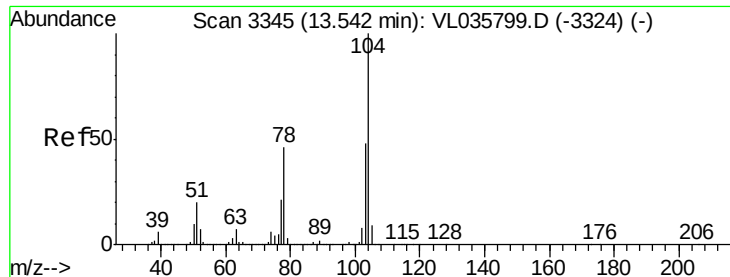
Tot Ion: 91 Resp: 139663
Ion Ratio Lower Upper
91 100
106 49.5 39.5 59.3



#60
o-Xylene
Concen: 0.147 ppbv
RT: 13.69 min Scan# 3392
Delta R.T. -0.01 min
Lab File: VL035919.D
Acq: 12 Nov 2020 18:42

Tgt Ion: 91 Resp: 55409
Ion Ratio Lower Upper
91 100
106 49.2 24.8 74.4

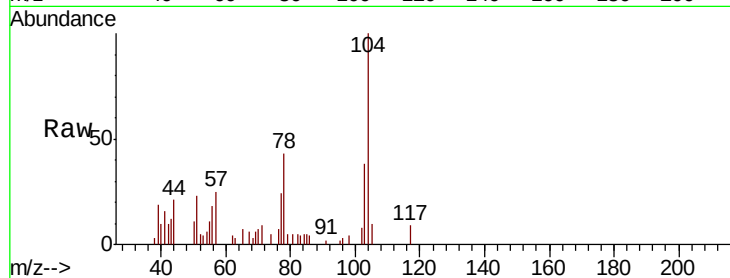




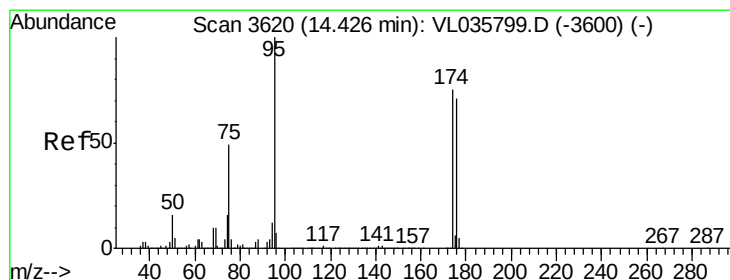
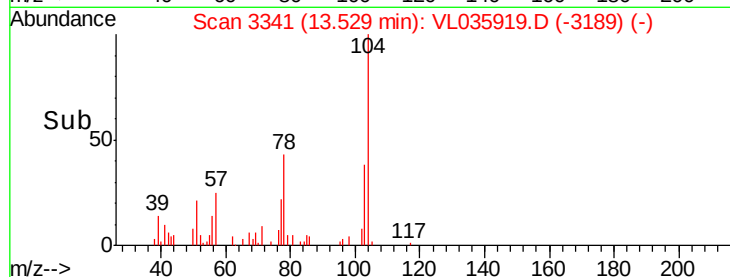
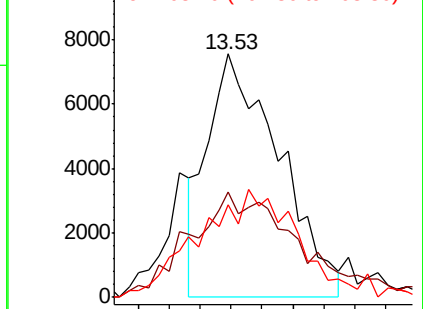
#61
Stvrene
Concen: 0.044 ppbv
RT: 13.53 min Scan# 3341
Delta R.T. -0.01 min
Lab File: VL035919.D
Acq: 12 Nov 2020 18:42

Instrument :
MSVOA_L
ClientSampleId :
CVS-4

Tot Ion	Ratio	Lower	Upper
104	100		
78	67.9	37.1	55.7#
103	61.5	37.9	56.9#

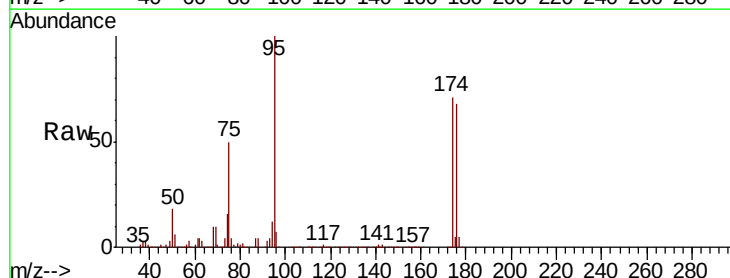


Abundance Ion 104.10 (103.80 to 104.80): V
Ion 78.10 (77.80 to 78.80): VL0
Ion 103.10 (102.80 to 103.80): V

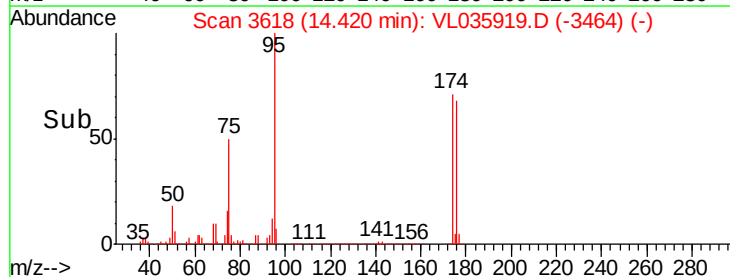
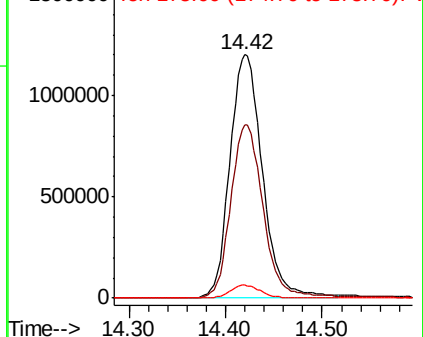


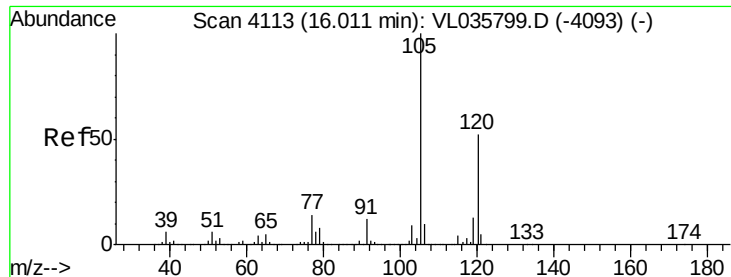
#68
1-Bromo-4-Fluorobenzene
Concen: 10.516 ppbv
RT: 14.42 min Scan# 3618
Delta R.T. -0.01 min
Lab File: VL035919.D
Acq: 12 Nov 2020 18:42

Tgt Ion	Ratio	Lower	Upper
95	100		
174	72.1	59.8	89.6
175	5.2	4.3	6.5



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





#73

1,3,5-Trimethylbenzene

Concen: 0.036 ppbv

RT: 16.00 min Scan# 4109

Delta R.T. -0.01 min

Lab File: VL035919.D

Acq: 12 Nov 2020 18:42

Instrument :

MSVOA_L

ClientSampled :

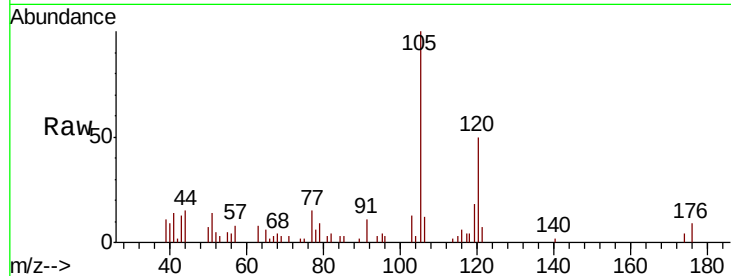
CVS-4

Tot Ion:105 Resp: 15249

Ion Ratio Lower Upper

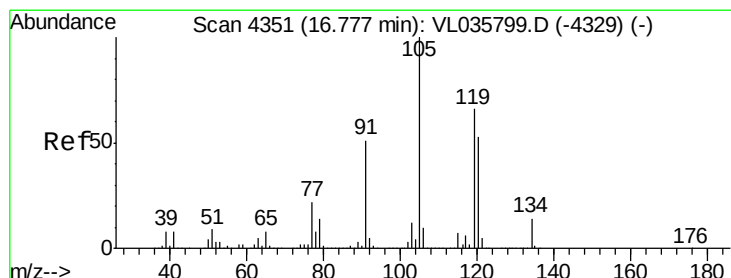
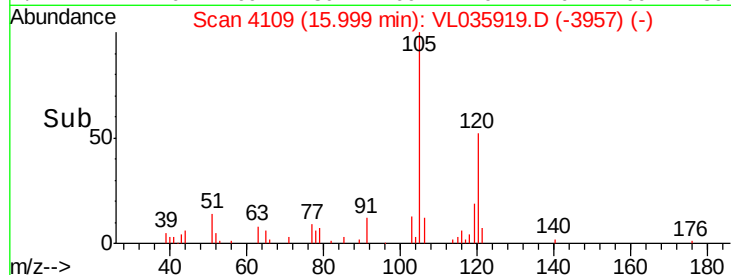
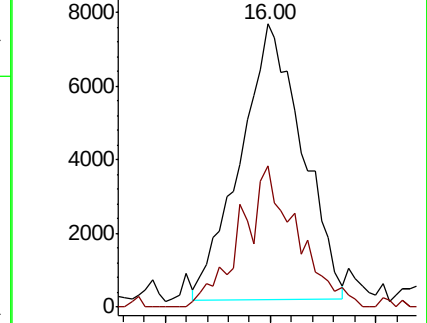
105 100

120 50.8 41.4 62.2



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V



#74

1,2,4-Trimethylbenzene

Concen: 0.136 ppbv

RT: 16.76 min Scan# 4347

Delta R.T. -0.01 min

Lab File: VL035919.D

Acq: 12 Nov 2020 18:42

Tgt Ion:105 Resp: 61065

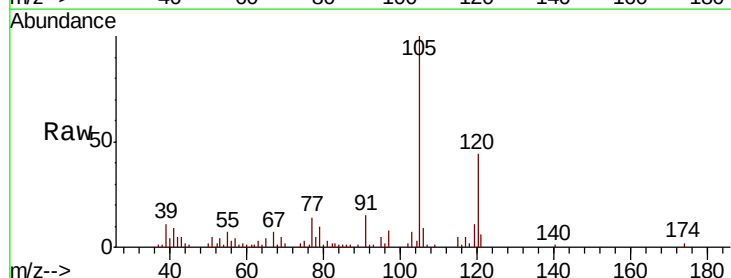
Ion Ratio Lower Upper

105 100

120 42.7 42.0 63.0

91 13.1 41.0 61.6#

77 12.3 17.3 25.9#



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

