

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL111220\
 Data File : VL035912.D
 Acq On : 12 Nov 2020 14:06
 Operator : SY/AP
 Sample : L4720-01
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 CVS-1

Quant Time: Nov 13 00:57:33 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

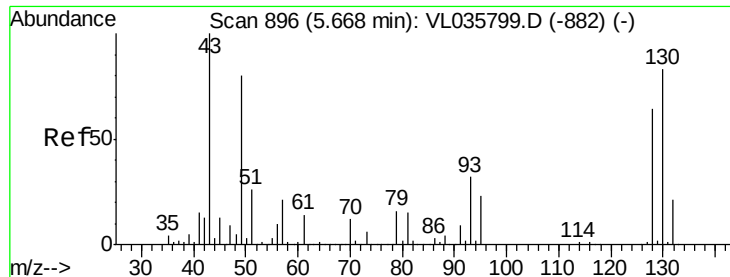
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	1267298	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	4412536	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.09	117	4020218	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.42	95	3037277	10.63	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	106.30%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.04	85	55733	0.234	ppbv	94
3) Chlorodifluoromethane	2.95	51	467313	3.079	ppbv #	63
4) Chloromethane	3.13	50	39377	0.534	ppbv	94
9) Propene	3.20	41	174285	3.138	ppbv	90
10) Heptane	8.12	43	29876	0.195	ppbv	93
11) Trichlorofluoromethane	3.94	101	70052	0.234	ppbv	94
12) 1,1,2-Trichlorotrifluoroet	4.48	101	16165	0.072	ppbv	97
13) Ethanol	3.63	45	8051299	668.123	ppbv #	29
15) Acetone	3.84	43	3967200	29.281	ppbv	97
16) 1,3-Butadiene	3.30	39	20066	0.344	ppbv #	40
17) tert-Butyl alcohol	4.01	59	406092	2.262	ppbv	99
19) Isopropyl Alcohol	4.01	45	8500857	102.100	ppbv #	97
20) Methylene Chloride	4.34	84	199797	2.095	ppbv	96
21) Allyl Chloride	4.13	41	137244	1.873	ppbv #	49
23) Vinyl Acetate	5.05	43	55574	0.293	ppbv #	40
25) Ethyl Acetate	5.67	43	260978	0.978	ppbv #	93
26) Hexane	5.68	57	177044	1.203	ppbv	81
30) Cyclohexane	7.13	84	51046	0.318	ppbv #	86
34) 2-Butanone	5.24	43	111806	0.781	ppbv	100
35) Carbon Tetrachloride	7.02	117	27032	0.115	ppbv	89
36) Benzene	6.89	78	138519	0.422	ppbv	97
37) 1,2-Dichloroethane	6.30	62	13302	0.090	ppbv #	94
39) 1,2-Dichloropropane	7.17	63	906615	8.209	ppbv #	30
41) Tetrahydrofuran	6.05	42	3557	0.044	ppbv #	1
44) 2,2,4-Trimethylpentane	7.87	57	131619	0.303	ppbv #	74
53) Toluene	9.81	91	904722	2.286	ppbv	98
58) Ethyl Benzene	12.72	91	90767	0.185	ppbv	90
59) m/p-Xylene	12.98	91	299945	0.724	ppbv	100
60) o-Xylene	13.69	91	62667	0.156	ppbv #	28
61) Styrene	13.53	104	22587	0.076	ppbv #	30
69) p-Isopropyltoluene	17.66	119	23162	0.036	ppbv #	64
73) 1,3,5-Trimethylbenzene	16.00	105	14411	0.032	ppbv	89
74) 1,2,4-Trimethylbenzene	16.77	105	104824	0.219	ppbv #	68
79) Naphthalene	22.21	128	13836	0.041	ppbv #	80
80) Naphthalene,2-methyl-	24.99	142	2184	0.040	ppbv #	70

(#) = 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

Lab File: VL035912.D

Acq: 12 Nov 2020 14:06

Instrument :

MSVOA_L

ClientSampleId :

CVS-1

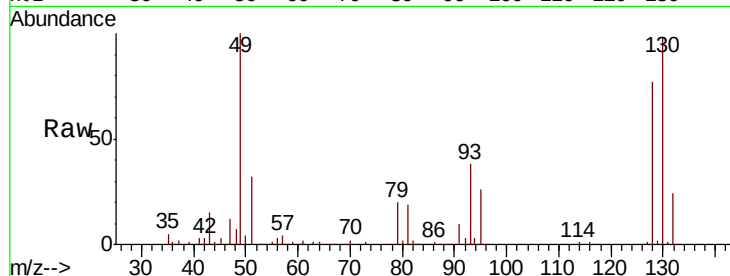
Tot Ion: 49 Resp: 1267298

Ion Ratio Lower Upper

49 100

128 75.4 41.5 124.6

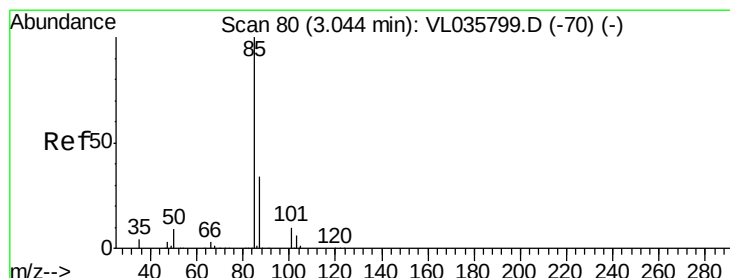
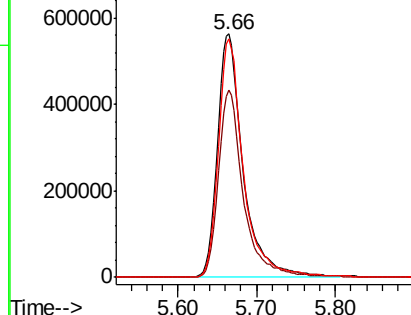
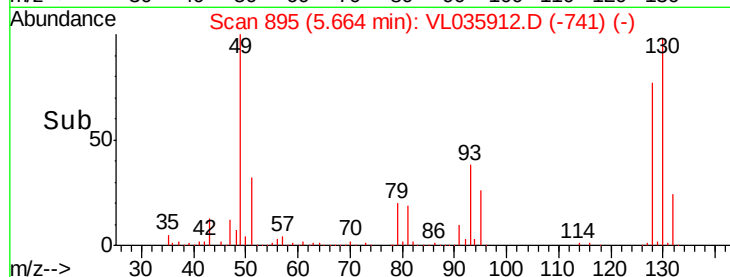
130 95.7 53.7 161.1



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: 0.234 ppbv

RT: 3.04 min Scan# 78

Delta R.T. -0.01 min

Lab File: VL035912.D

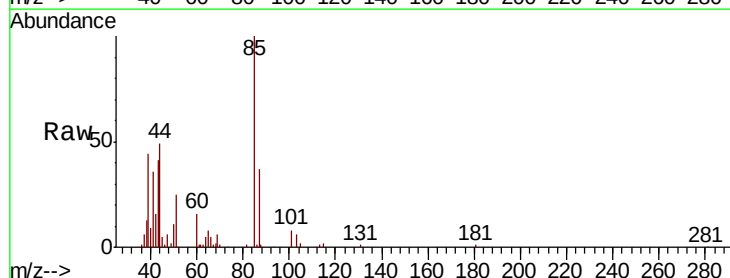
Acq: 12 Nov 2020 14:06

Tgt Ion: 85 Resp: 55733

Ion Ratio Lower Upper

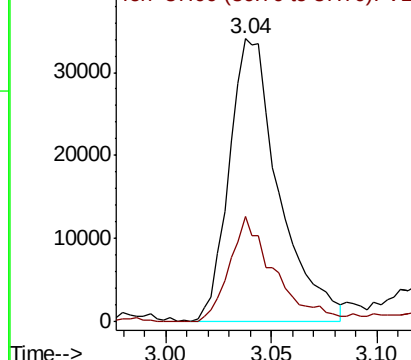
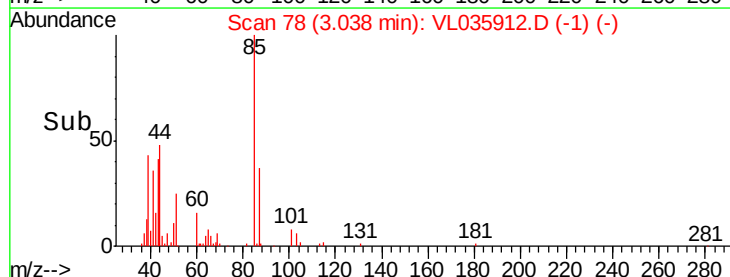
85 100

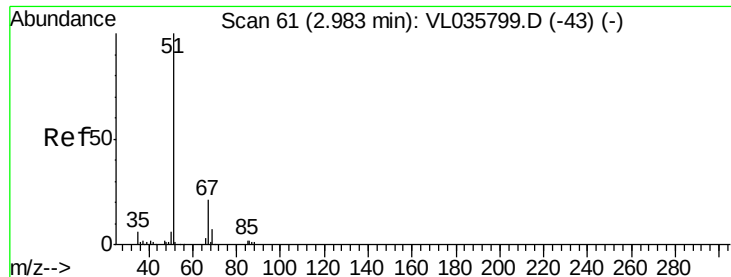
87 37.2 27.1 40.7



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0





#3

Chlorodifluoromethane

Concen: 3.079 ppbv

RT: 2.95 min Scan# 52

Delta R.T. -0.03 min

Lab File: VL035912.D

Acq: 12 Nov 2020 14:06

Instrument :

MSVOA_L

ClientSampleId :

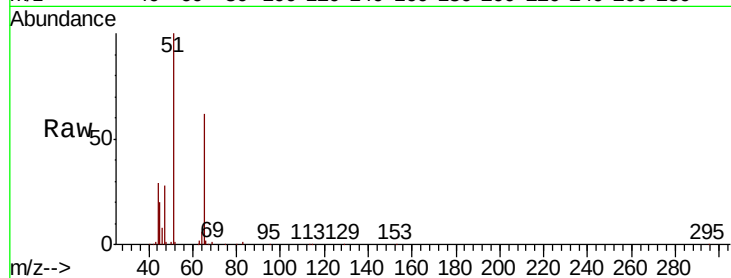
CVS-1

Tot Ion: 51 Resp: 467313

Ion Ratio Lower Upper

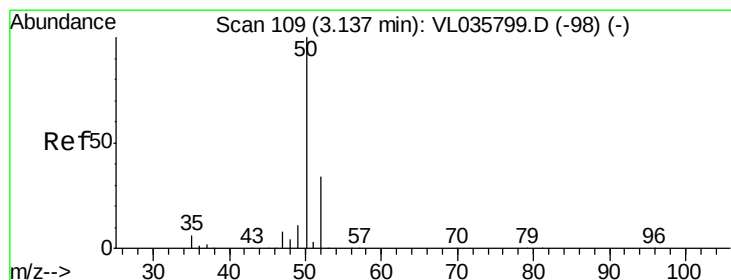
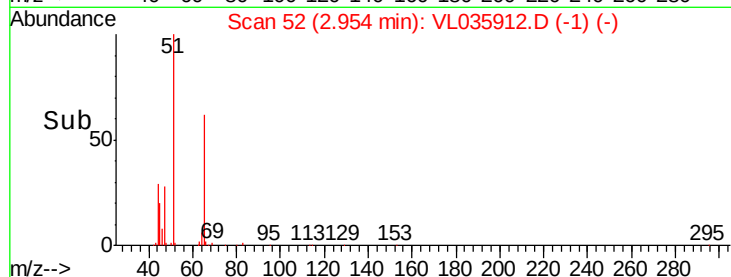
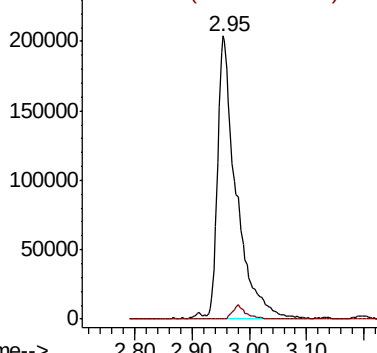
51 100

67 3.7 17.0 25.4#



Abundance Ion 51.00 (50.70 to 51.70): VL0

Ion 67.00 (66.70 to 67.70): VL0



#4

Chloromethane

Concen: 0.534 ppbv

RT: 3.13 min Scan# 108

Delta R.T. -0.00 min

Lab File: VL035912.D

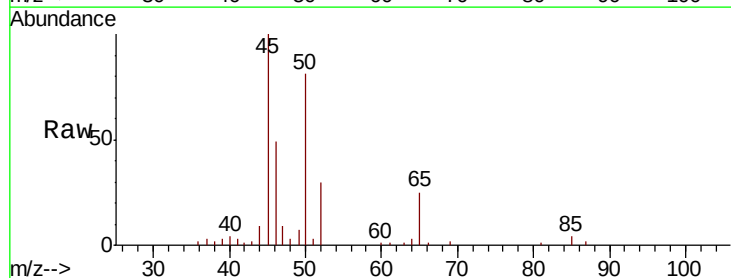
Acq: 12 Nov 2020 14:06

Tgt Ion: 50 Resp: 39377

Ion Ratio Lower Upper

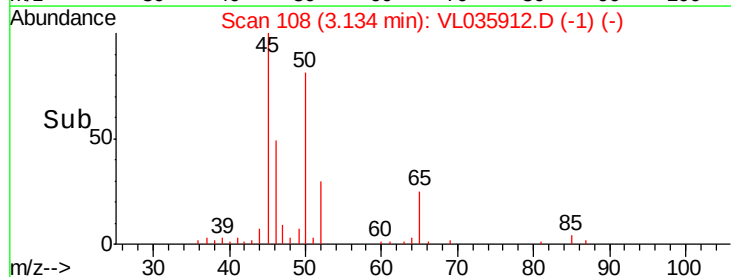
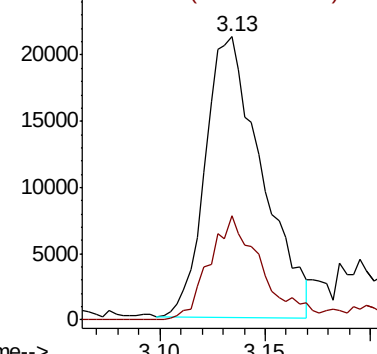
50 100

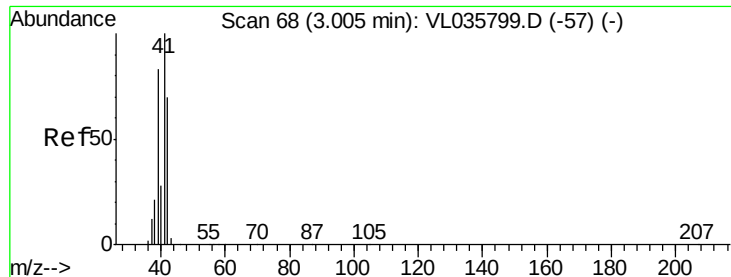
52 37.1 27.1 40.7



Abundance Ion 50.10 (49.80 to 50.80): VL0

Ion 52.10 (51.80 to 52.80): VL0





#9

Propene

Concen: 3.138 ppbv

RT: 3.20 min Scan# 127

Delta R.T. 0.19 min

Lab File: VL035912.D

Acq: 12 Nov 2020 14:06

Instrument :

MSVOA_L

ClientSampleId :

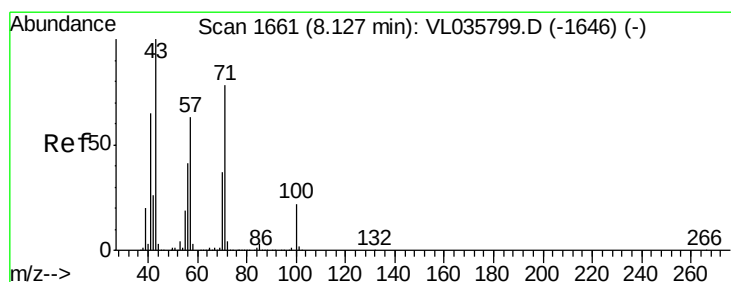
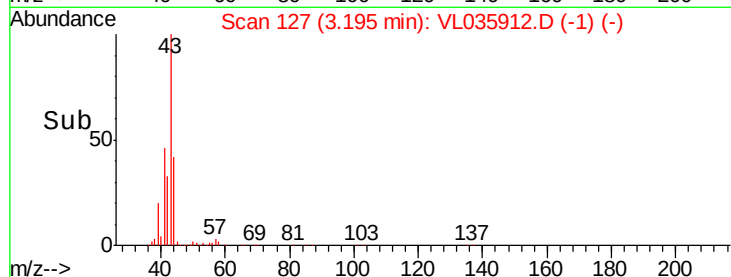
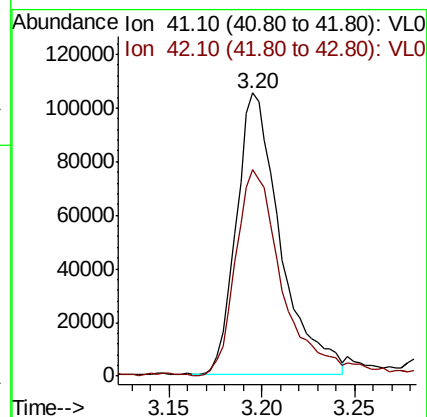
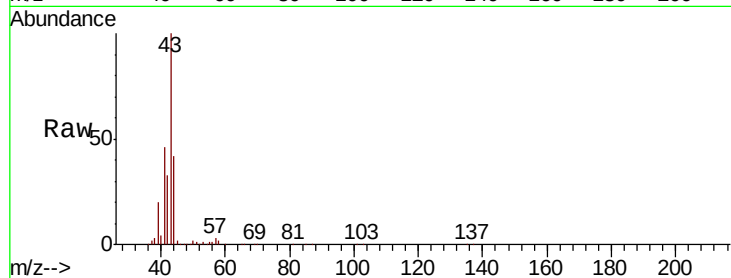
CVS-1

Tot Ion: 41 Resp: 174285

Ion Ratio Lower Upper

41 100

42 78.3 56.2 84.4



#10

Heptane

Concen: 0.195 ppbv

RT: 8.12 min Scan# 1658

Delta R.T. -0.01 min

Lab File: VL035912.D

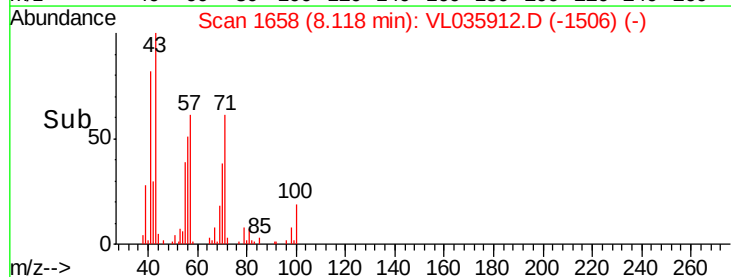
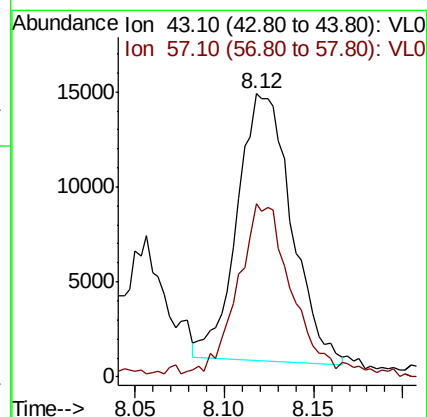
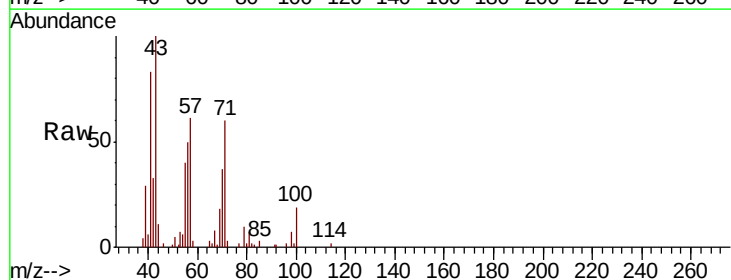
Acq: 12 Nov 2020 14:06

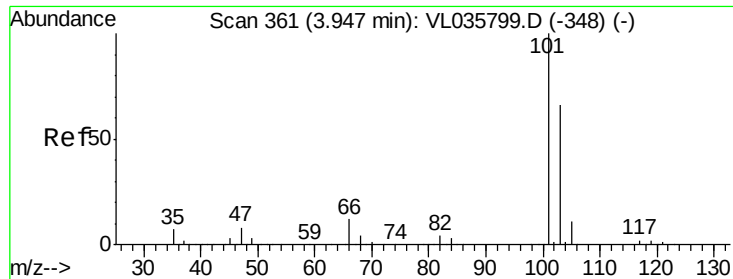
Tgt Ion: 43 Resp: 29876

Ion Ratio Lower Upper

43 100

57 67.9 50.0 75.0

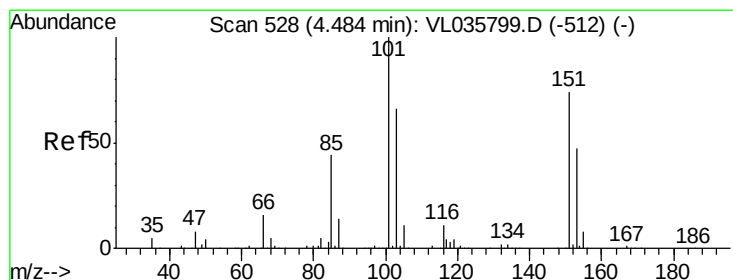
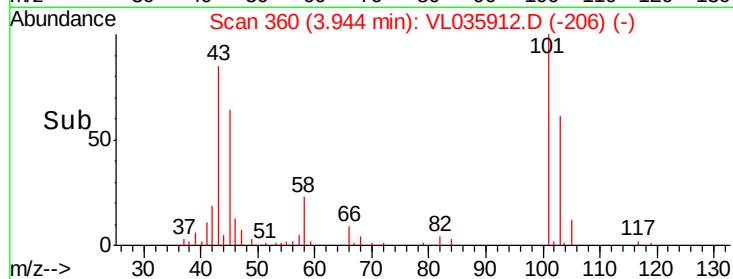
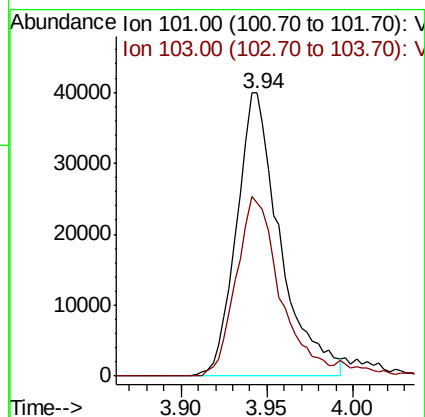
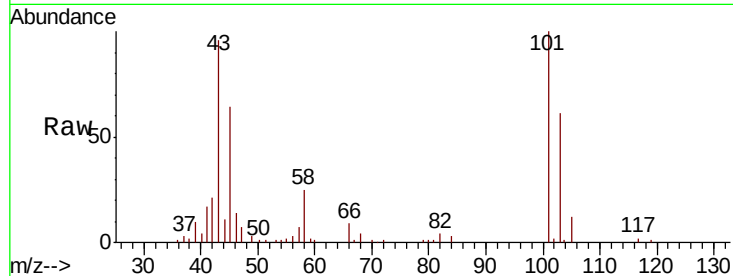




#11
 Trichlorofluoromethane
 Concen: 0.234 ppbv
 RT: 3.94 min Scan# 360
 Delta R.T. -0.00 min
 Lab File: VL035912.D
 Acq: 12 Nov 2020 14:06

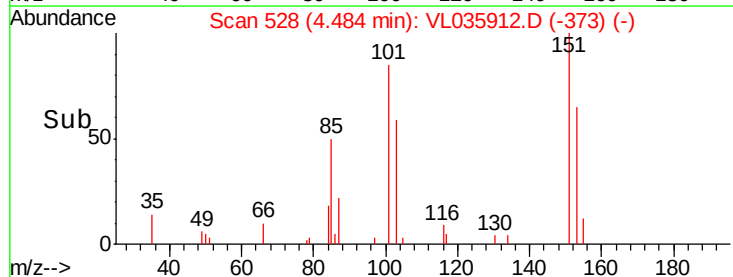
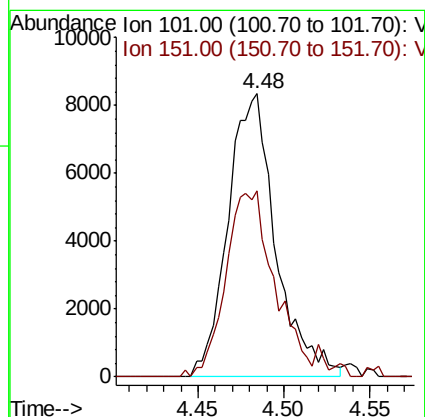
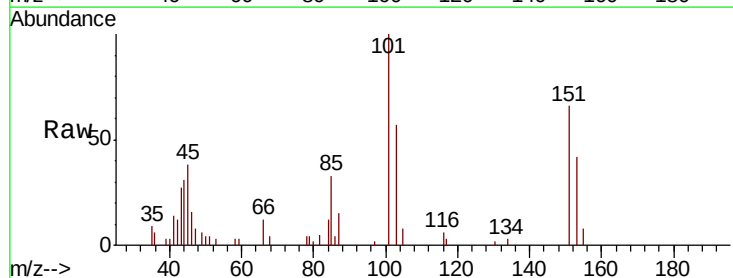
Instrument :
 MSVOA_L
 ClientSampled :
 CVS-1

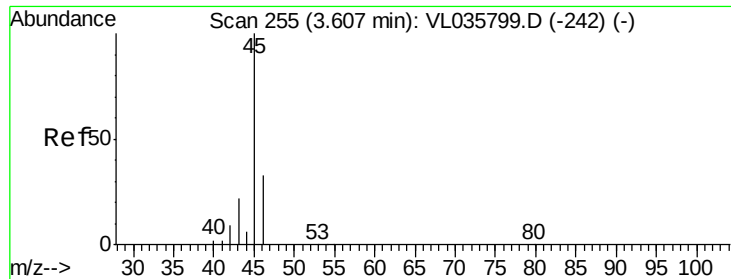
Tot Ion:101 Resp: 70052
 Ion Ratio Lower Upper
 101 100
 103 61.1 53.0 79.4



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.072 ppbv
 RT: 4.48 min Scan# 528
 Delta R.T. -0.00 min
 Lab File: VL035912.D
 Acq: 12 Nov 2020 14:06

Tgt Ion:101 Resp: 16165
 Ion Ratio Lower Upper
 101 100
 151 71.0 58.9 88.3

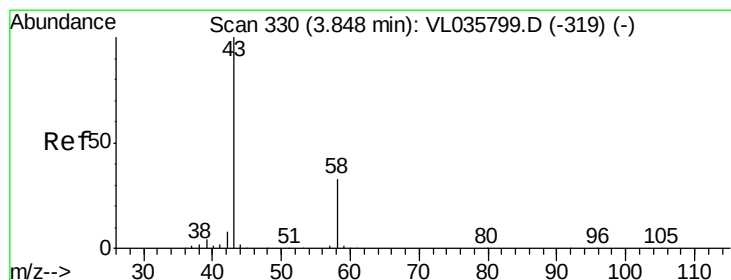
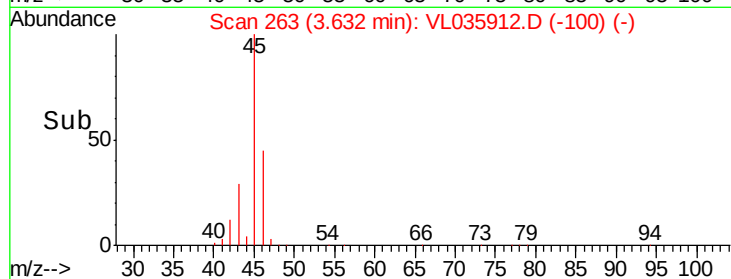
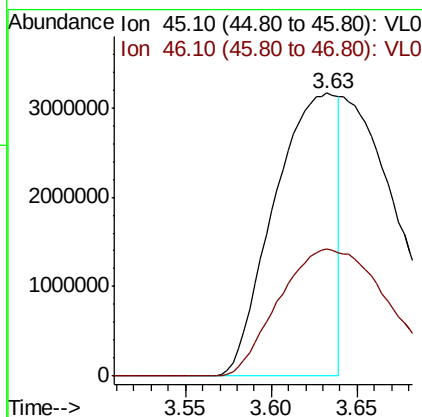
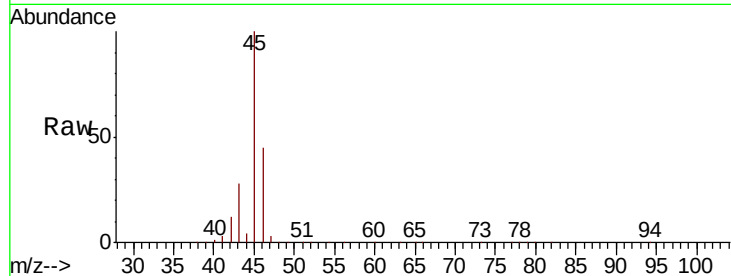




#13
Ethanol
Concen: 668.123 ppbv
RT: 3.63 min Scan# 263
Delta R.T. 0.03 min
Lab File: VL035912.D
Acq: 12 Nov 2020 14:06

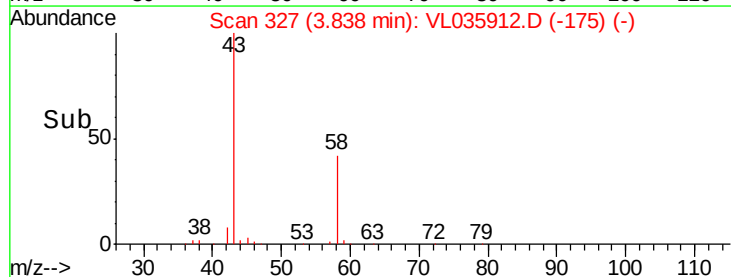
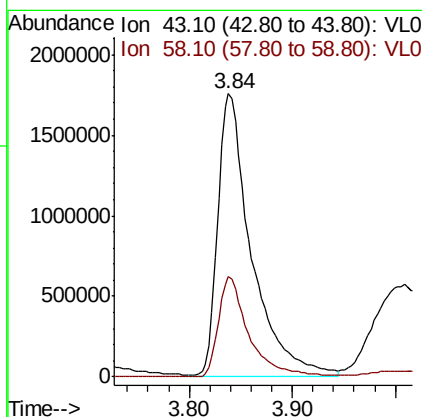
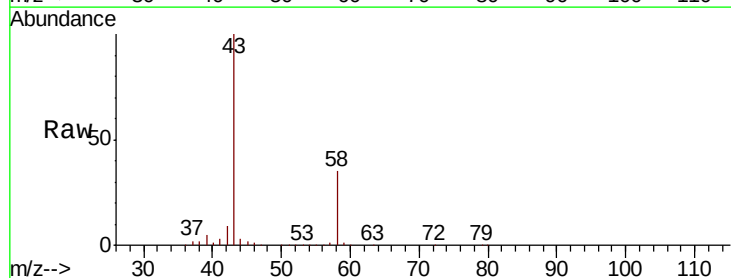
Instrument :
MSVOA_L
ClientSampleId :
CVS-1

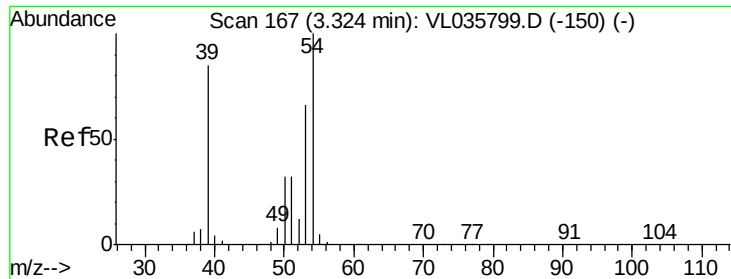
Tot Ion: 45 Resp: 8051299
Ion Ratio Lower Upper
45 100
46 84.5 16.1 64.5#



#15
Acetone
Concen: 29.281 ppbv
RT: 3.84 min Scan# 327
Delta R.T. -0.01 min
Lab File: VL035912.D
Acq: 12 Nov 2020 14:06

Tgt Ion: 43 Resp: 3967200
Ion Ratio Lower Upper
43 100
58 32.5 27.5 41.3

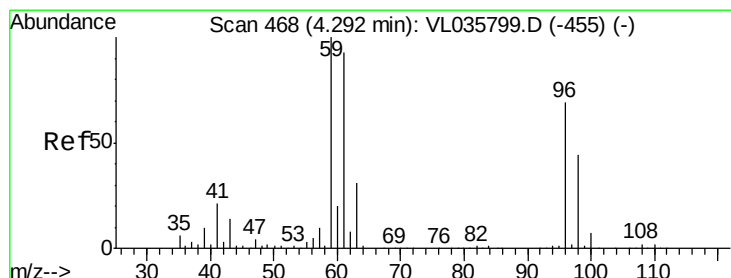
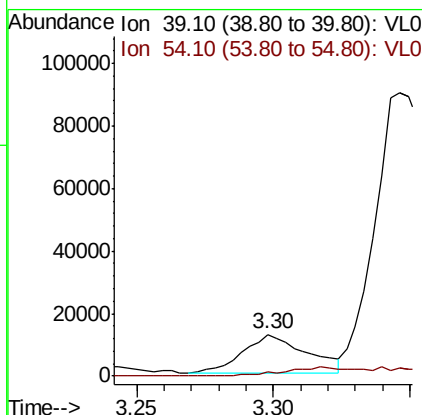
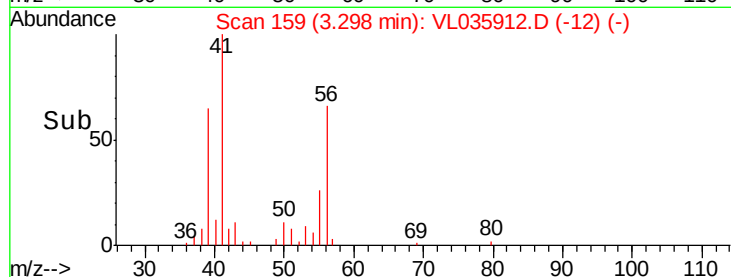
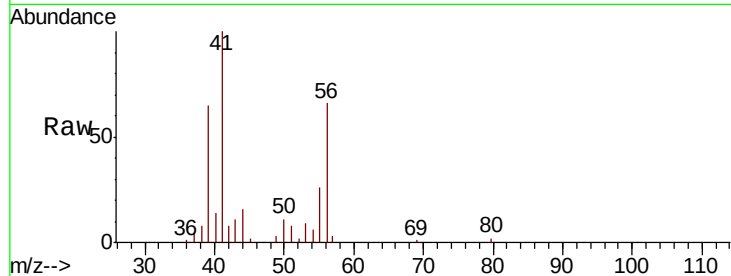




#16
 1,3-Butadiene
 Concen: 0.344 ppbv
 RT: 3.30 min Scan# 159
 Delta R.T. -0.03 min
 Lab File: VL035912.D
 Acq: 12 Nov 2020 14:06

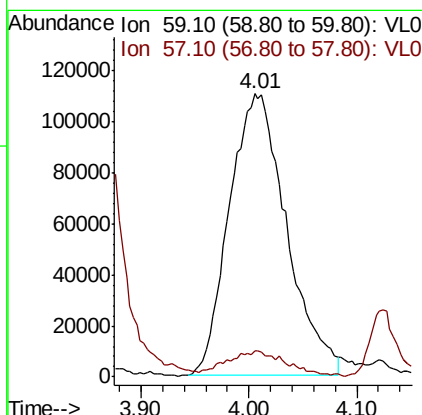
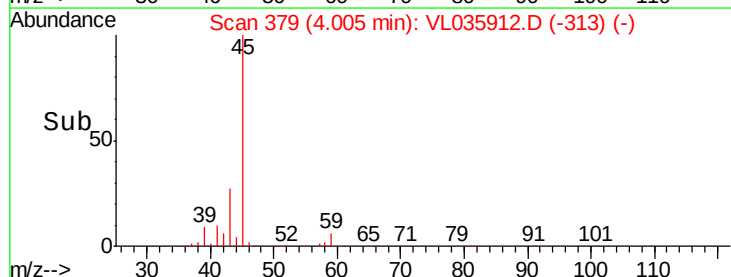
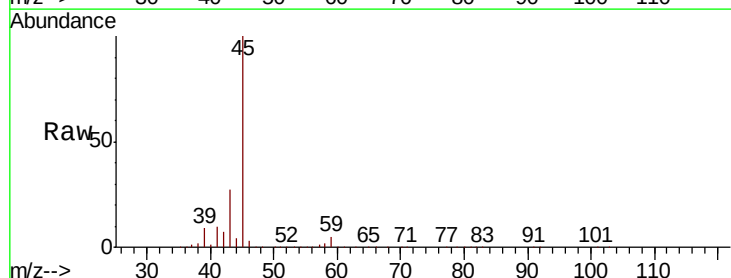
Instrument :
 MSVOA_L
 ClientSampleId :
 CVS-1

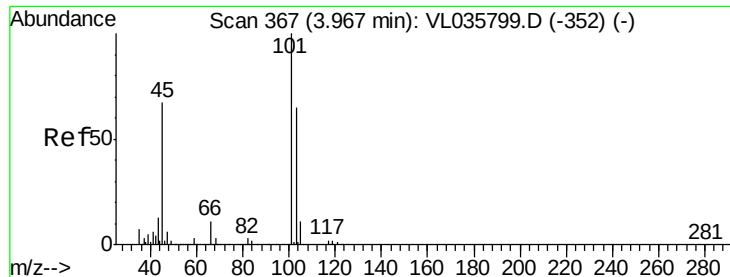
Tot Ion: 39 Resp: 20066
 Ion Ratio Lower Upper
 39 100
 54 45.6 87.1 130.7#



#17
 tert-Butyl alcohol
 Concen: 2.262 ppbv
 RT: 4.01 min Scan# 379
 Delta R.T. -0.29 min
 Lab File: VL035912.D
 Acq: 12 Nov 2020 14:06

Tgt Ion: 59 Resp: 406092
 Ion Ratio Lower Upper
 59 100
 57 9.8 8.2 12.4





#19

Isopropyl Alcohol

Concen: 102.100 ppbv

RT: 4.01 min Scan# 380

Delta R.T. 0.04 min

Lab File: VL035912.D

Acq: 12 Nov 2020 14:06

Instrument :

MSVOA_L

ClientSampleId :

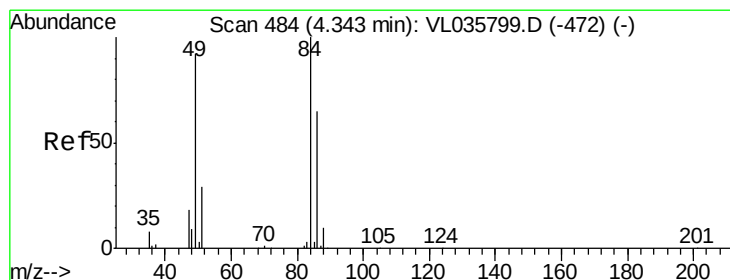
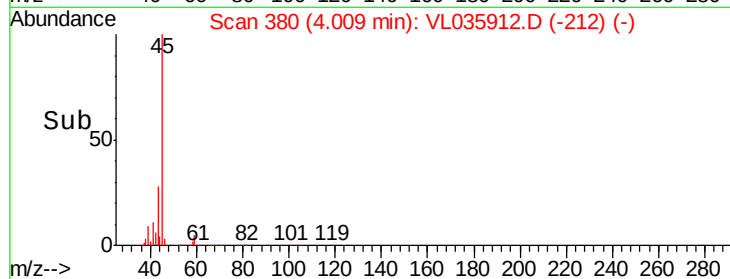
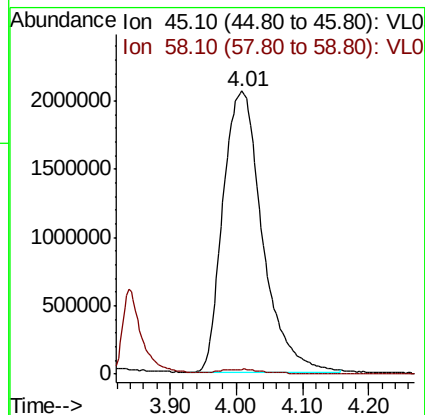
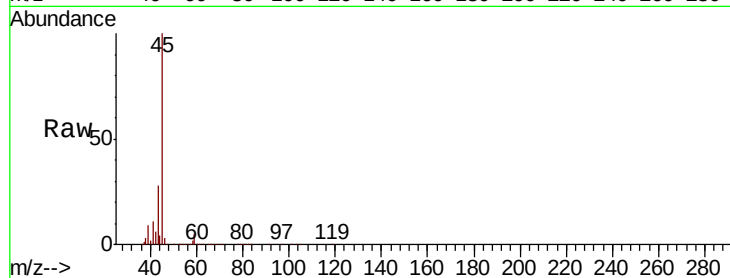
CVS-1

Tot Ion: 45 Resp: 8500857

Ion Ratio Lower Upper

45 100

58 2.2 2.6 3.8#



#20

Methylene Chloride

Concen: 2.095 ppbv

RT: 4.34 min Scan# 482

Delta R.T. -0.01 min

Lab File: VL035912.D

Acq: 12 Nov 2020 14:06

Tgt Ion: 84 Resp: 199797

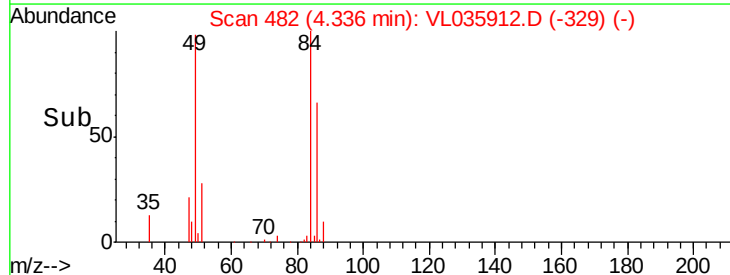
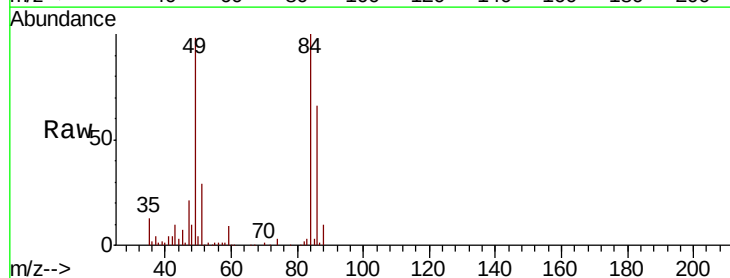
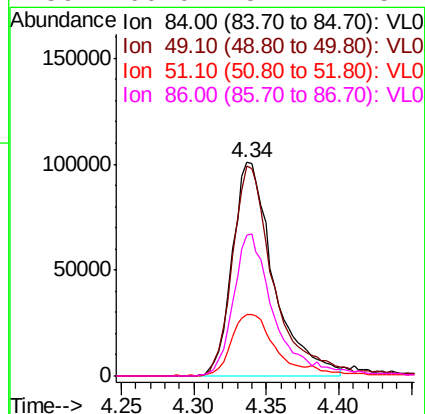
Ion Ratio Lower Upper

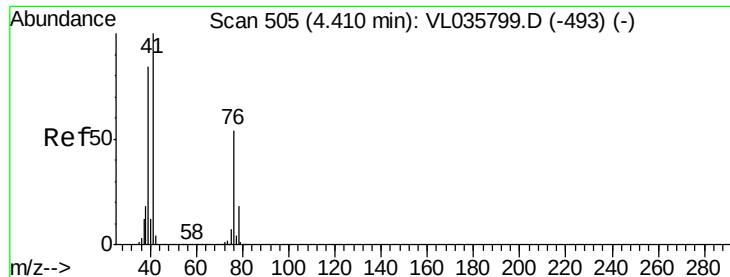
84 100

49 98.1 73.8 110.8

51 28.3 23.0 34.4

86 66.0 52.1 78.1

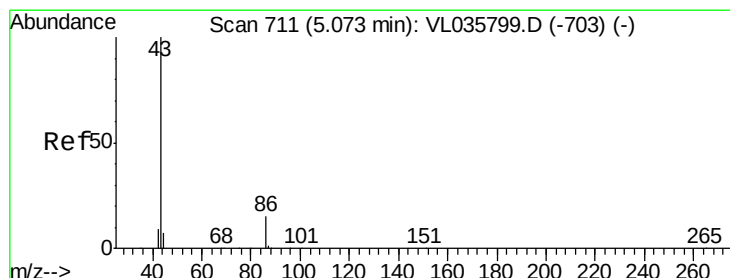
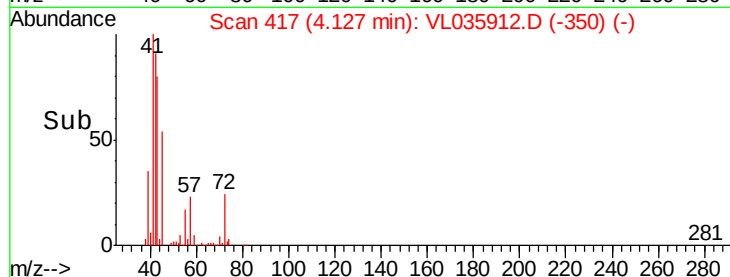
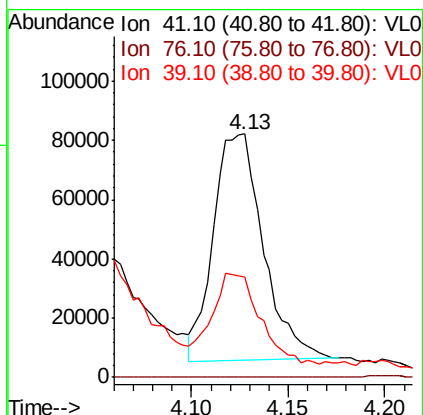
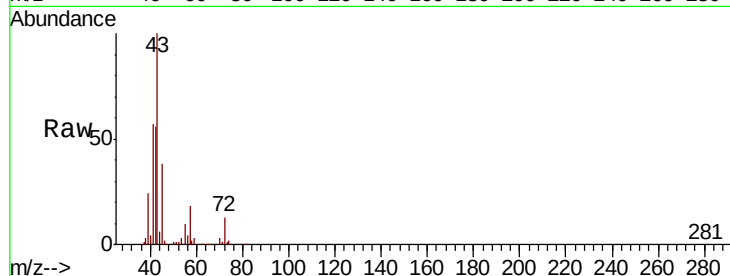




#21
Allvl Chloride
Concen: 1.873 ppbv
RT: 4.13 min Scan# 417
Delta R.T. -0.28 min
Lab File: VL035912.D
Acq: 12 Nov 2020 14:06

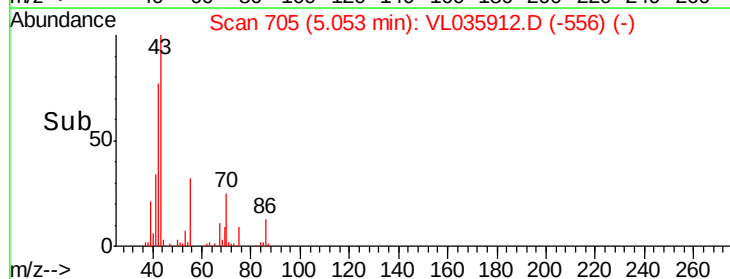
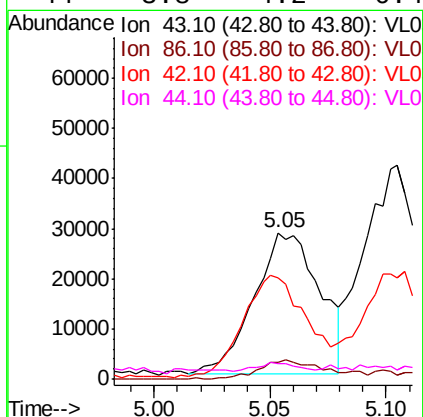
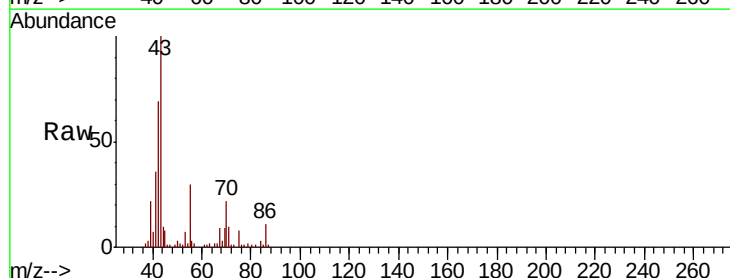
Instrument :
MSVOA_L
ClientSampleId :
CVS-1

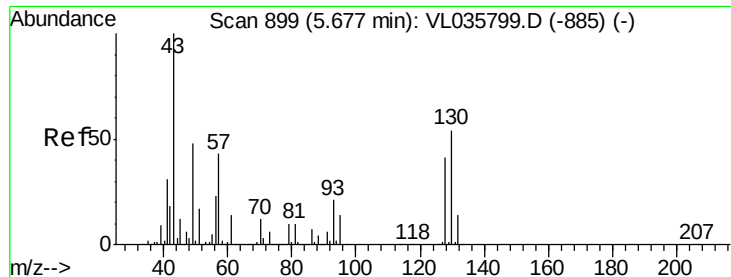
Tot Ion: 41 Resp: 137244
Ion Ratio Lower Upper
41 100
76 0.6 42.6 63.8#
39 50.8 67.0 100.4#



#23
Vinyl Acetate
Concen: 0.293 ppbv
RT: 5.05 min Scan# 705
Delta R.T. -0.02 min
Lab File: VL035912.D
Acq: 12 Nov 2020 14:06

Tgt Ion: 43 Resp: 55574
Ion Ratio Lower Upper
43 100
86 11.6 9.8 14.6
42 69.1 8.1 12.1#
44 3.8 4.2 6.4#





#25

Ethyl Acetate

Concen: 0.978 ppbv

RT: 5.67 min Scan# 898

Delta R.T. -0.00 min

Lab File: VL035912.D

Acq: 12 Nov 2020 14:06

Instrument :

MSVOA_L

ClientSampleId :

CVS-1

Tot Ion: 43 Resp: 260978

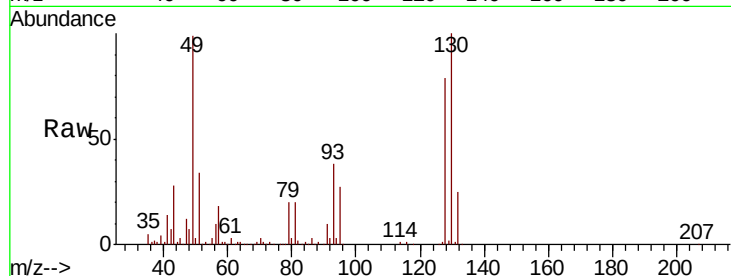
Ion Ratio Lower Upper

43 100

45 14.2 8.5 12.7#

61 10.6 10.7 16.1#

70 8.9 8.6 12.8

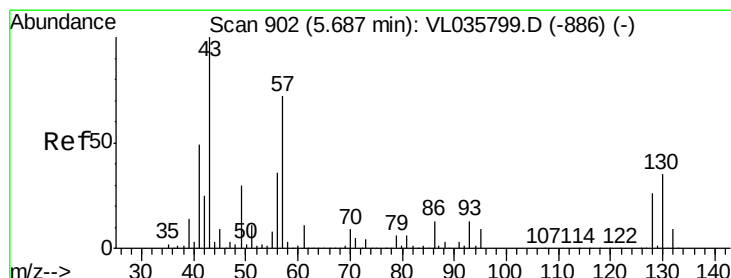
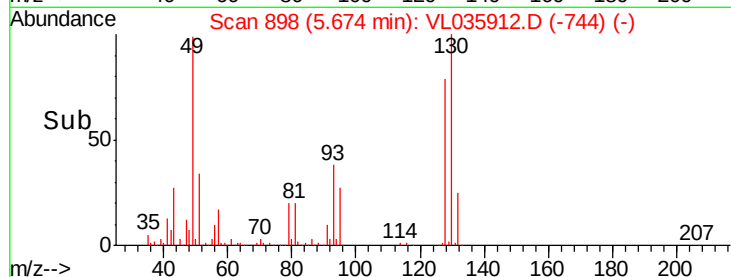
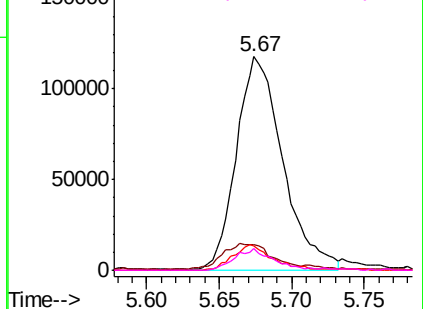


Abundance Ion 43.10 (42.80 to 43.80): VL0

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: 1.203 ppbv

RT: 5.68 min Scan# 900

Delta R.T. -0.01 min

Lab File: VL035912.D

Acq: 12 Nov 2020 14:06

Tgt Ion: 57 Resp: 177044

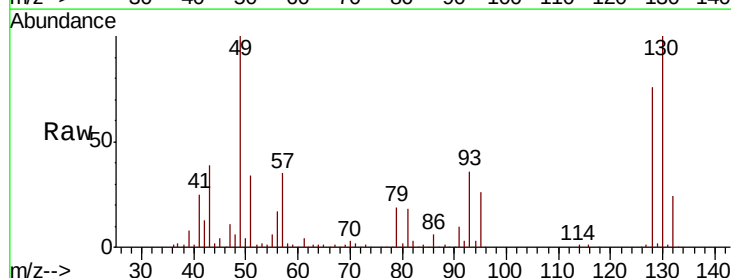
Ion Ratio Lower Upper

57 100

41 81.8 58.9 88.3

43 150.4 150.2 225.2

56 59.8 42.4 63.6

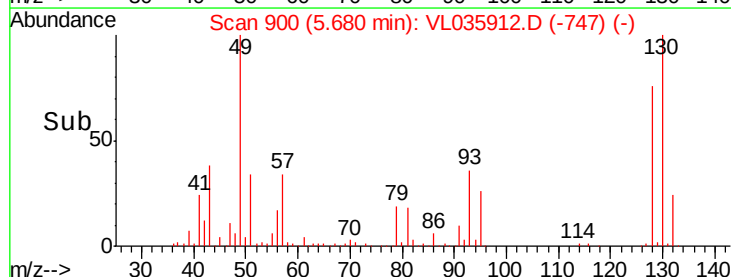
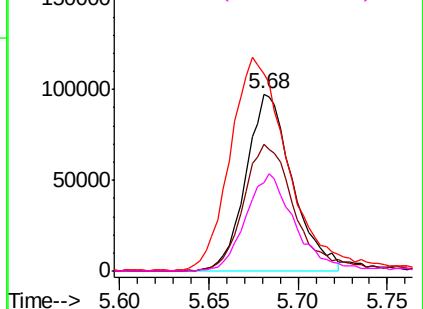


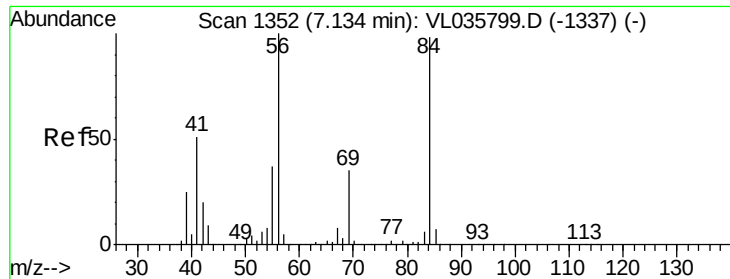
Abundance Ion 57.10 (56.80 to 57.80): VL0

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

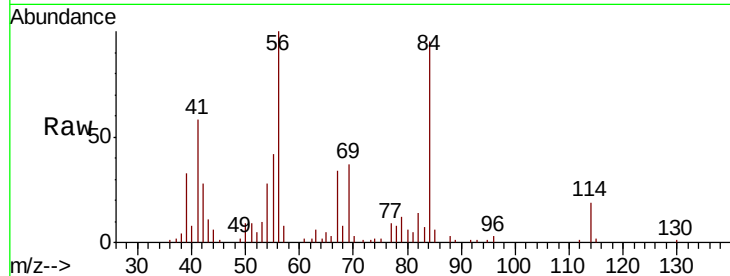




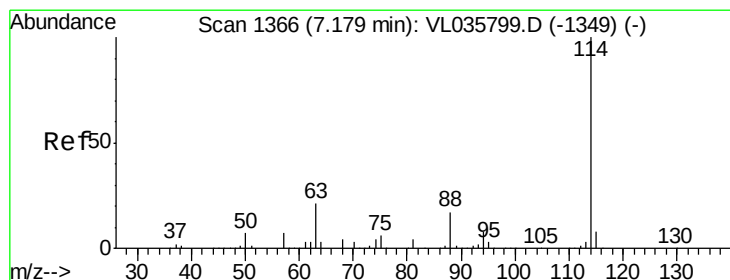
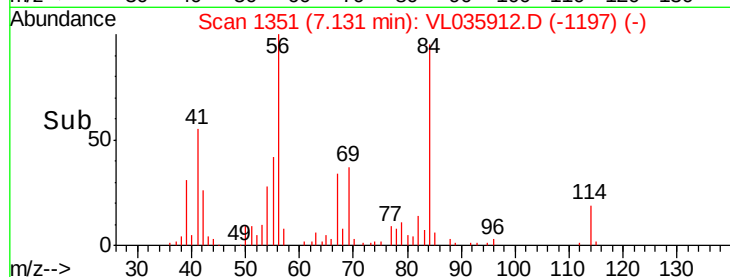
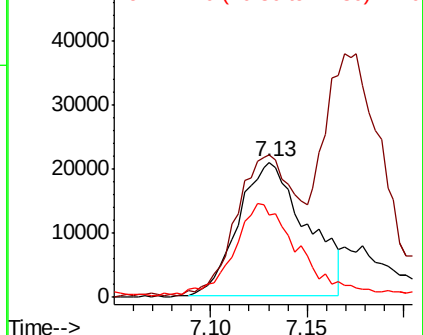
#30
Cyclohexane
Concen: 0.318 ppbv
RT: 7.13 min Scan# 1351
Delta R.T. -0.00 min
Lab File: VL035912.D
Acq: 12 Nov 2020 14:06

Instrument :
MSVOA_L
ClientSampleId :
CVS-1

Tot Ion: 84 Resp: 51046
Ion Ratio Lower Upper
84 100
56 96.4 86.4 129.6
41 66.4 42.1 63.1#

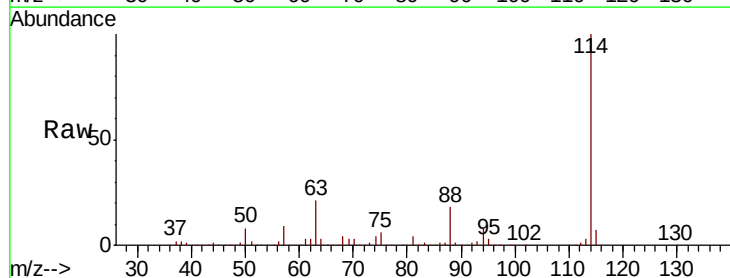


Abundance Ion 84.20 (83.90 to 84.90): VL0
Ion 56.10 (55.80 to 56.80): VL0
Ion 41.10 (40.80 to 41.80): VL0

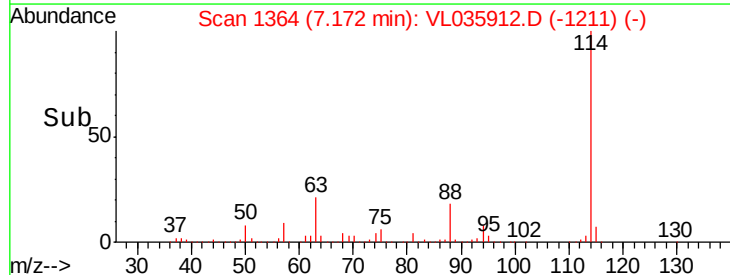
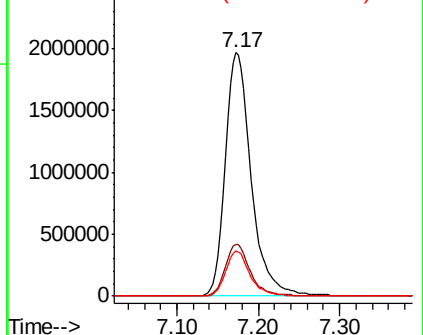


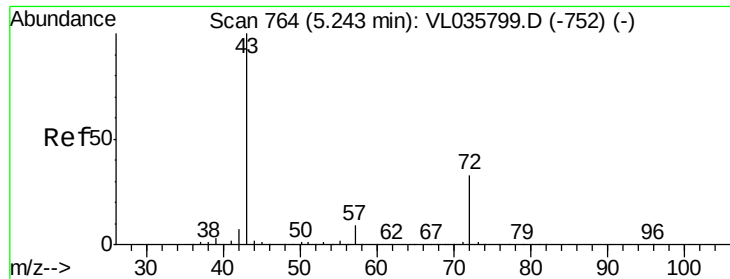
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.17 min Scan# 1364
Delta R.T. -0.01 min
Lab File: VL035912.D
Acq: 12 Nov 2020 14:06

Tgt Ion: 114 Resp: 4412536
Ion Ratio Lower Upper
114 100
63 20.8 16.1 24.1
88 17.5 13.7 20.5



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

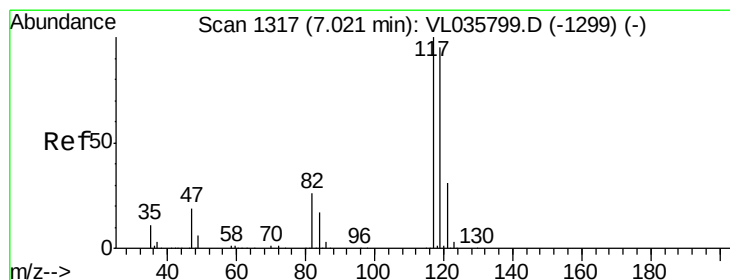
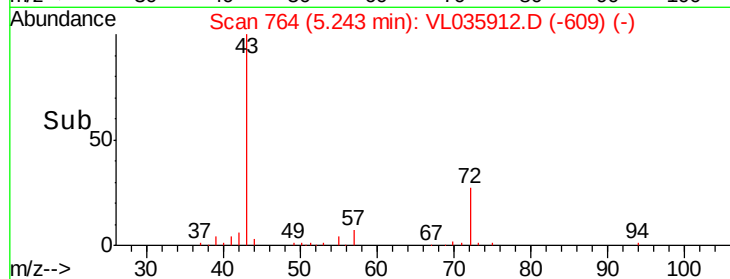
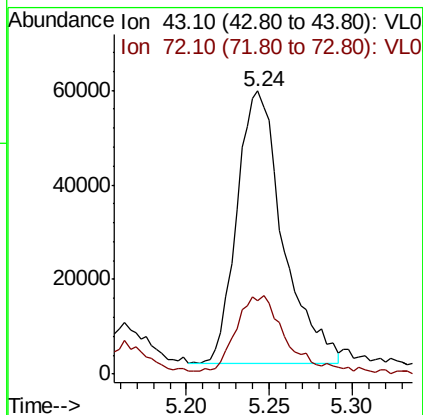
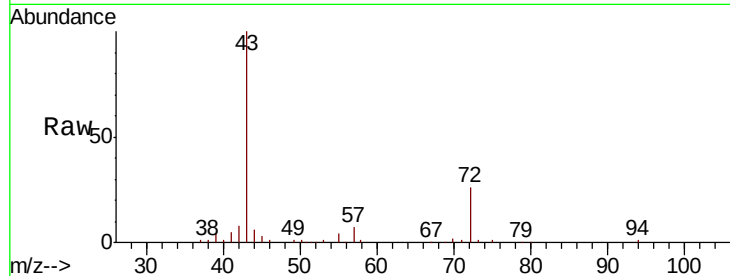




#34
2-Butanone
Concen: 0.781 ppbv
RT: 5.24 min Scan# 764
Delta R.T. -0.00 min
Lab File: VL035912.D
Acq: 12 Nov 2020 14:06

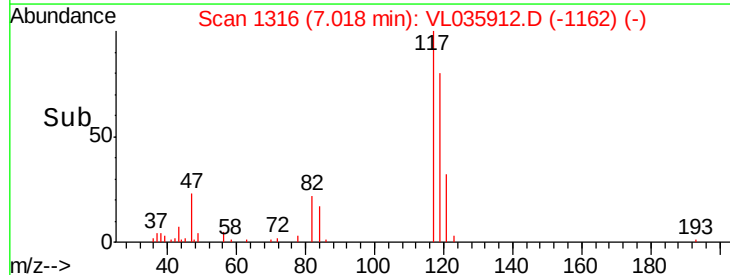
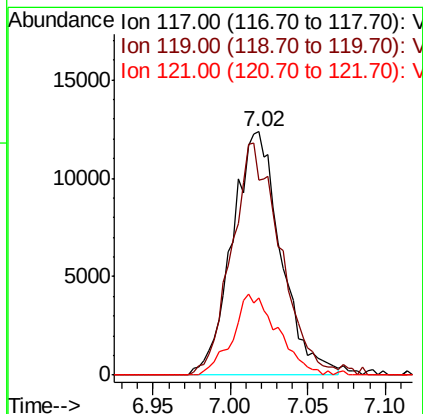
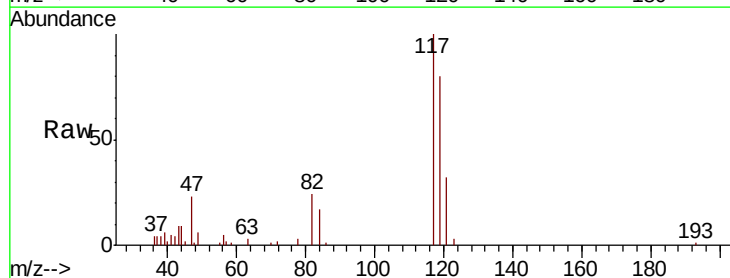
Instrument :
MSVOA_L
ClientSampleId :
CVS-1

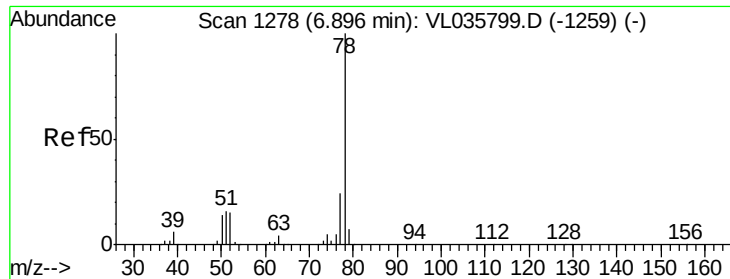
Tot Ion: 43 Resp: 111806
Ion Ratio Lower Upper
43 100
72 33.4 26.5 39.7



#35
Carbon Tetrachloride
Concen: 0.115 ppbv
RT: 7.02 min Scan# 1316
Delta R.T. -0.00 min
Lab File: VL035912.D
Acq: 12 Nov 2020 14:06

Tgt Ion: 117 Resp: 27032
Ion Ratio Lower Upper
117 100
119 80.2 75.6 113.4
121 31.8 25.1 37.7





#36

Benzene

Concen: 0.422 ppbv

RT: 6.89 min Scan# 1276

Delta R.T. -0.01 min

Lab File: VL035912.D

Acq: 12 Nov 2020 14:06

Instrument :

MSVOA_L

ClientSampleId :

CVS-1

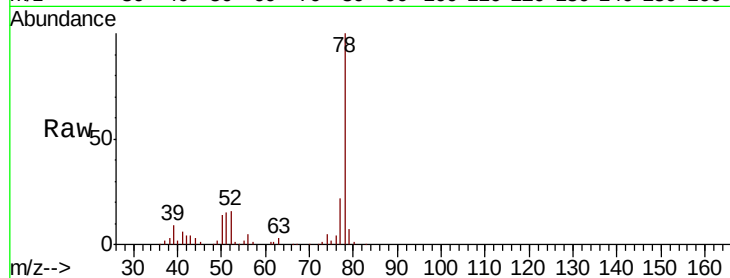
Tot Ion: 78 Resp: 138519

Ion Ratio Lower Upper

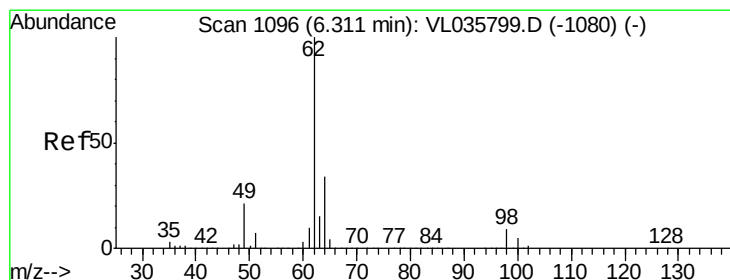
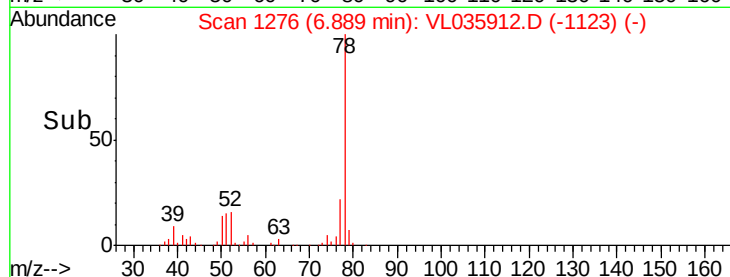
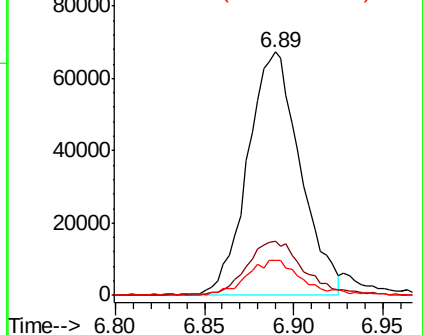
78 100

77 22.1 19.3 28.9

50 13.3 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: 0.090 ppbv

RT: 6.30 min Scan# 1093

Delta R.T. -0.01 min

Lab File: VL035912.D

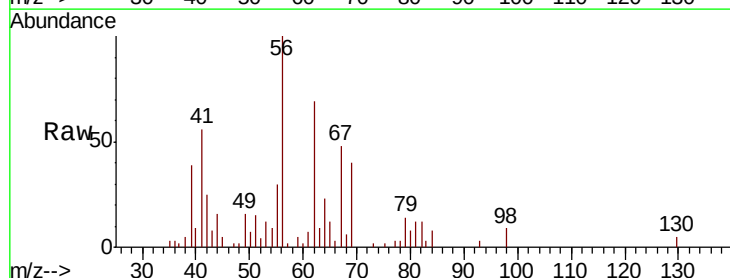
Acq: 12 Nov 2020 14:06

Tgt Ion: 62 Resp: 13302

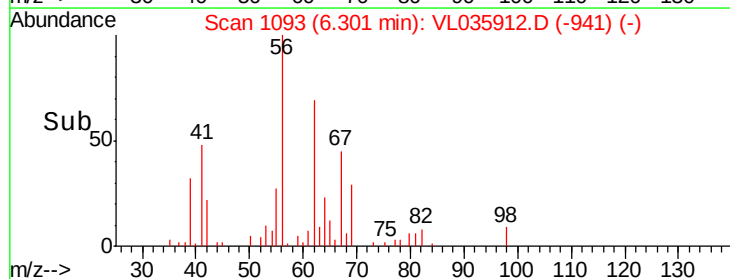
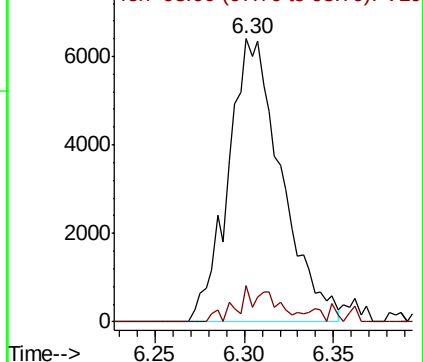
Ion Ratio Lower Upper

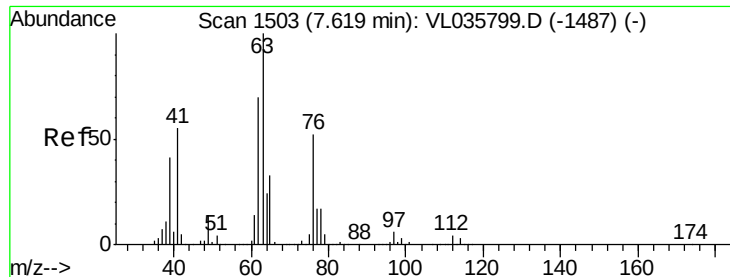
62 100

98 10.7 6.9 10.3#



Abundance Ion 62.10 (61.80 to 62.80): VL0
Ion 98.00 (97.70 to 98.70): VL0





#39

1,2-Dichloropropane

Concen: 8.209 ppbv

RT: 7.17 min Scan# 1364

Delta R.T. -0.45 min

Lab File: VL035912.D

Acq: 12 Nov 2020 14:06

Instrument :

MSVOA_L

ClientSampleId :

CVS-1

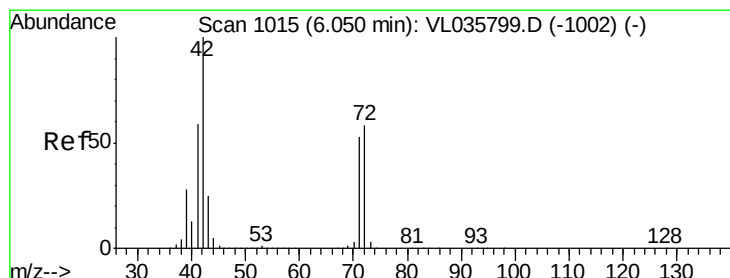
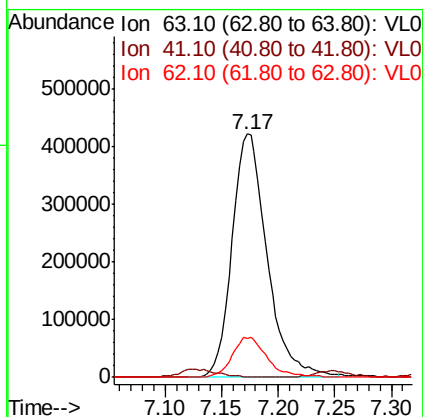
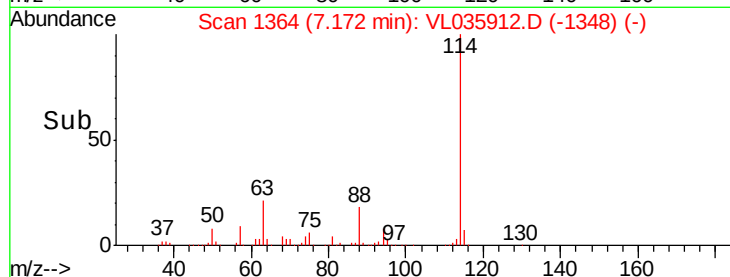
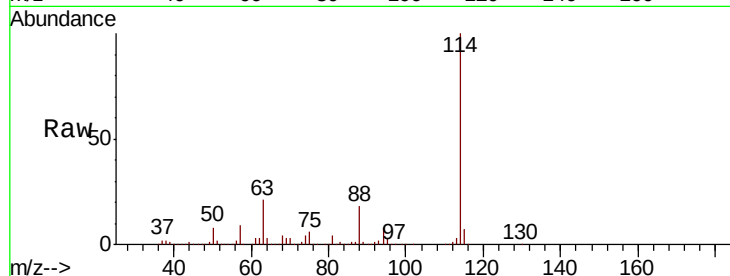
Tot Ion: 63 Resp: 906615

Ion Ratio Lower Upper

63 100

41 0.0 43.8 65.6#

62 15.9 56.2 84.2#



#41

Tetrahydrofuran

Concen: 0.044 ppbv

RT: 6.05 min Scan# 1015

Delta R.T. -0.00 min

Lab File: VL035912.D

Acq: 12 Nov 2020 14:06

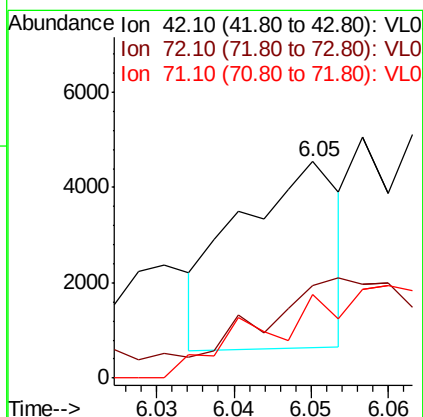
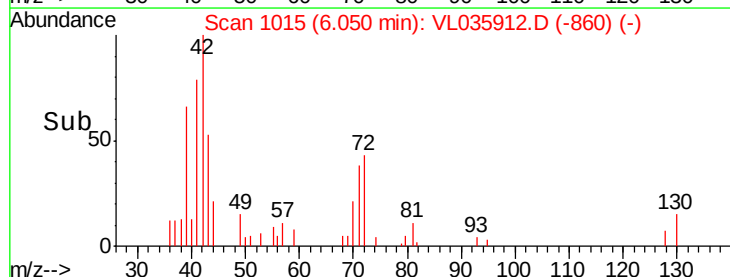
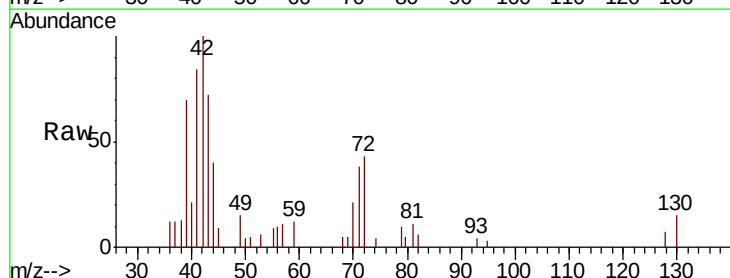
Tgt Ion: 42 Resp: 3557

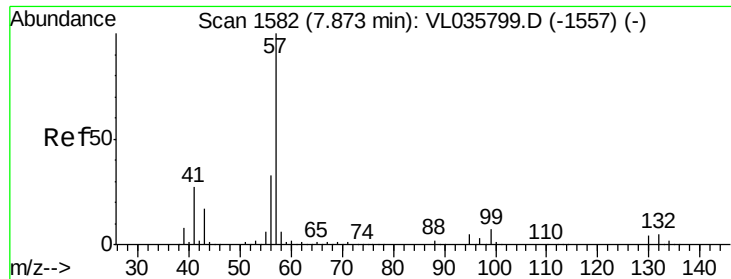
Ion Ratio Lower Upper

42 100

72 150.4 45.4 68.0#

71 0.0 43.4 65.2#

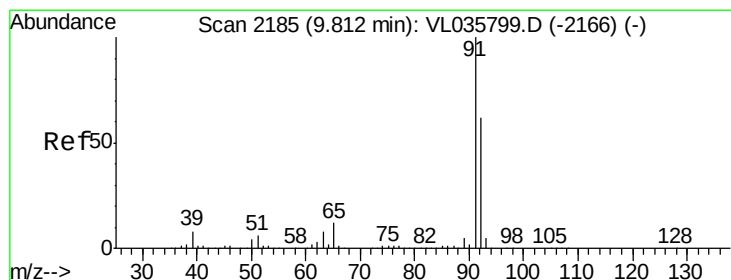
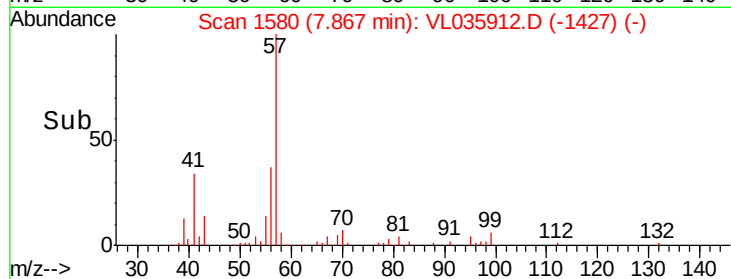
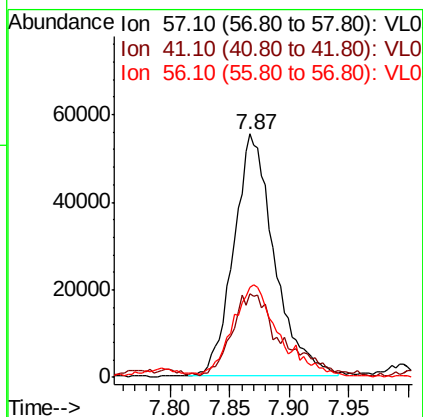
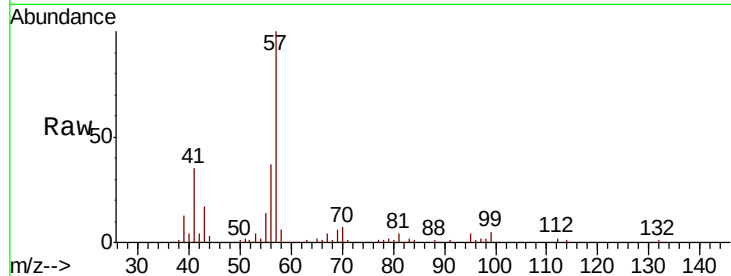




#44
 2,2,4-Trimethylpentane
 Concen: 0.303 ppbv
 RT: 7.87 min Scan# 1580
 Delta R.T. -0.01 min
 Lab File: VL035912.D
 Acq: 12 Nov 2020 14:06

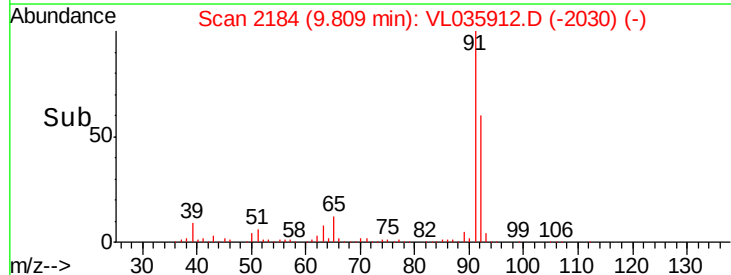
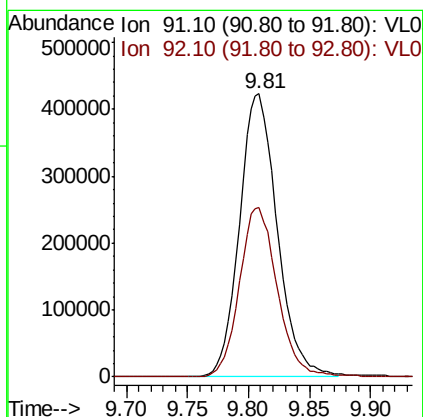
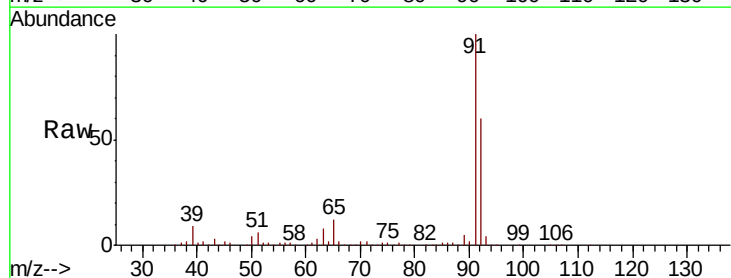
Instrument :
 MSVOA_L
 ClientSampleId :
 CVS-1

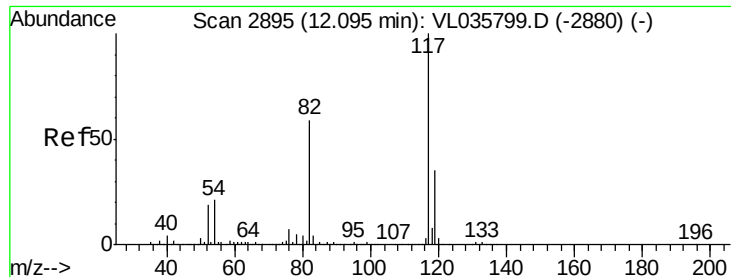
Tot Ion: 57 Resp: 131619
 Ion Ratio Lower Upper
 57 100
 41 43.1 21.0 31.4#
 56 43.0 25.4 38.0#



#53
 Toluene
 Concen: 2.286 ppbv
 RT: 9.81 min Scan# 2184
 Delta R.T. -0.00 min
 Lab File: VL035912.D
 Acq: 12 Nov 2020 14:06

Tgt Ion: 91 Resp: 904722
 Ion Ratio Lower Upper
 91 100
 92 60.4 49.8 74.6

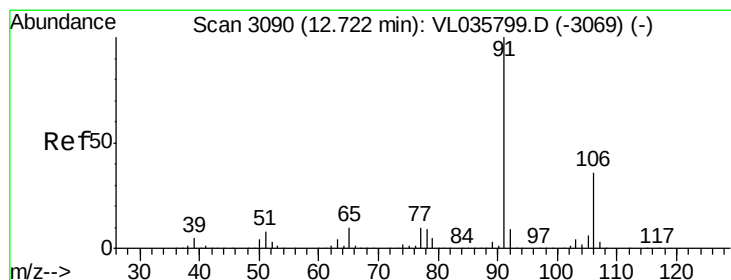
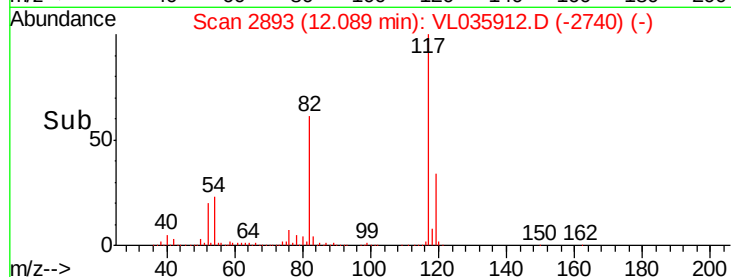
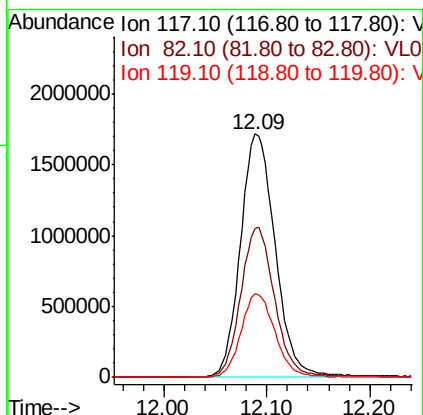
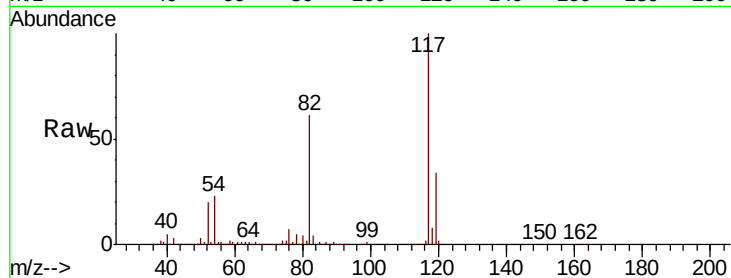




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.09 min Scan# 2893
Delta R.T. -0.01 min
Lab File: VL035912.D
Acq: 12 Nov 2020 14:06

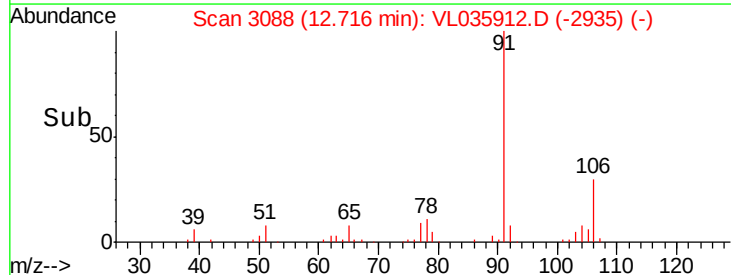
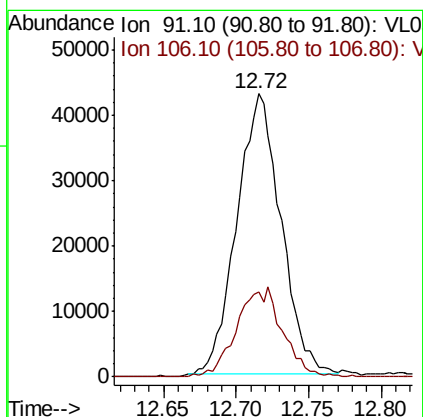
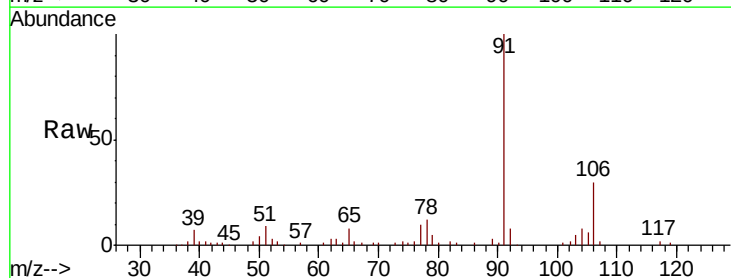
Instrument :
MSVOA_L
ClientSampleId :
CVS-1

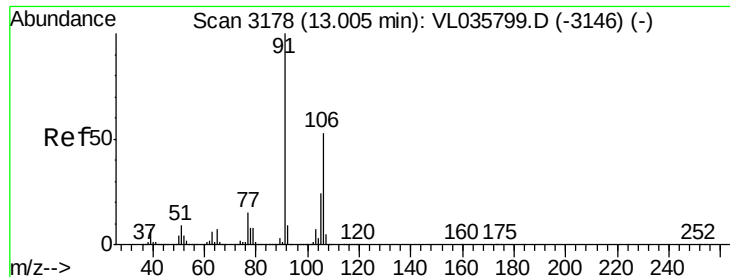
Tot Ion:117 Resp: 4020218
Ion Ratio Lower Upper
117 100
82 61.6 50.6 76.0
119 34.1 52.6 78.8#



#58
Ethyl Benzene
Concen: 0.185 ppbv
RT: 12.72 min Scan# 3088
Delta R.T. -0.01 min
Lab File: VL035912.D
Acq: 12 Nov 2020 14:06

Tgt Ion: 91 Resp: 90767
Ion Ratio Lower Upper
91 100
106 30.1 28.6 43.0





#59

m/p-Xylene

Concen: 0.724 ppbv

RT: 12.98 min Scan# 3169

Delta R.T. -0.03 min

Lab File: VL035912.D

Acq: 12 Nov 2020 14:06

Instrument :

MSVOA_L

ClientSampleId :

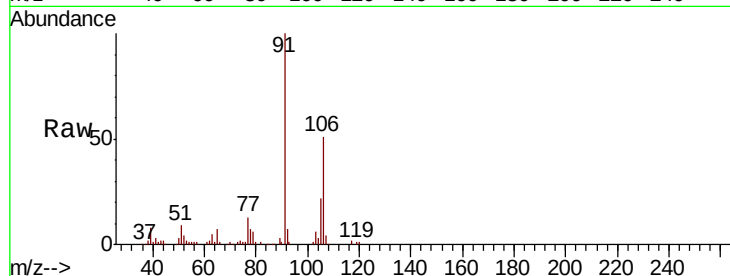
CVS-1

Tot Ion: 91 Resp: 299945

Ion Ratio Lower Upper

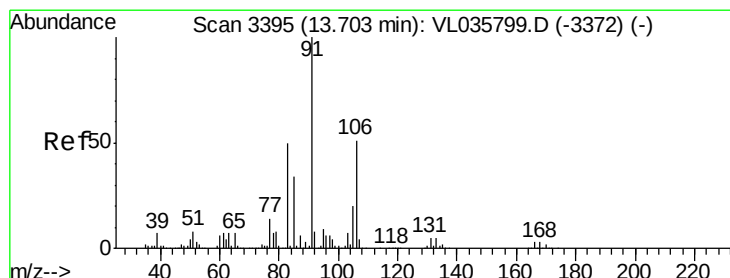
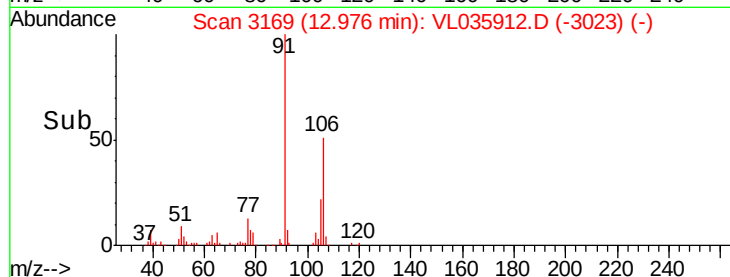
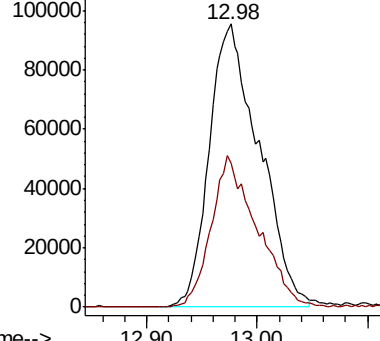
91 100

106 49.1 39.5 59.3



Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 106.10 (105.80 to 106.80): V



#60

o-Xylene

Concen: 0.156 ppbv

RT: 13.69 min Scan# 3392

Delta R.T. -0.01 min

Lab File: VL035912.D

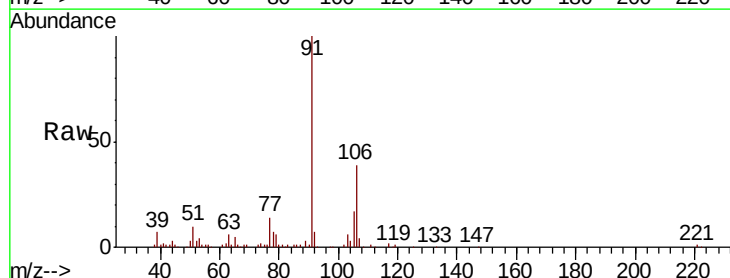
Acq: 12 Nov 2020 14:06

Tgt Ion: 91 Resp: 62667

Ion Ratio Lower Upper

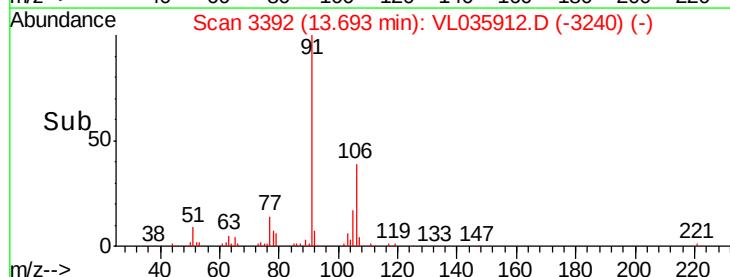
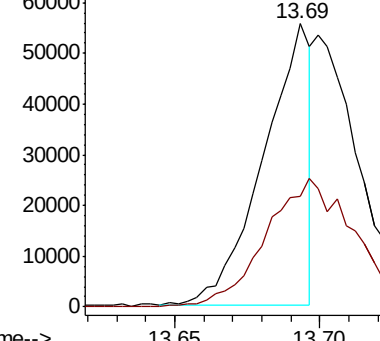
91 100

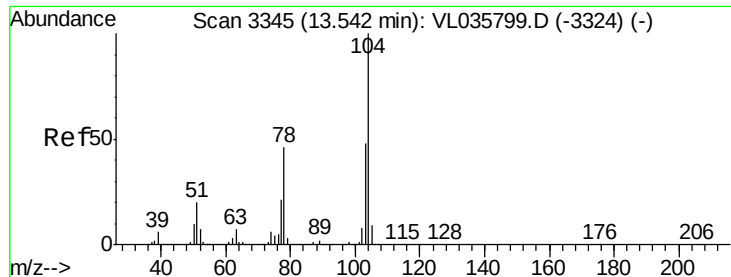
106 0.0 24.8 74.4#



Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 106.10 (105.80 to 106.80): V





#61

Stvrene

Concen: 0.076 ppbv

RT: 13.53 min Scan# 3342

Delta R.T. -0.01 min

Lab File: VL035912.D

Acq: 12 Nov 2020 14:06

Instrument :

MSVOA_L

ClientSampled :

CVS-1

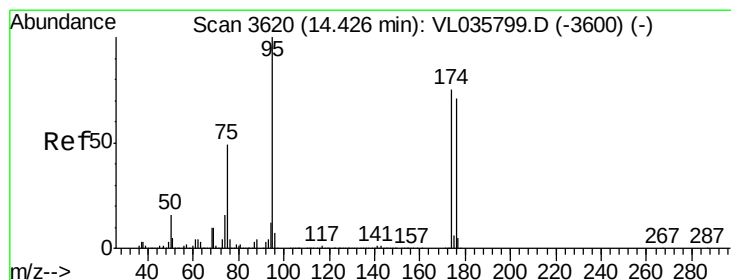
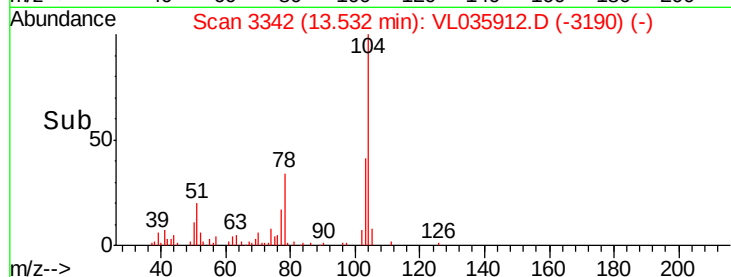
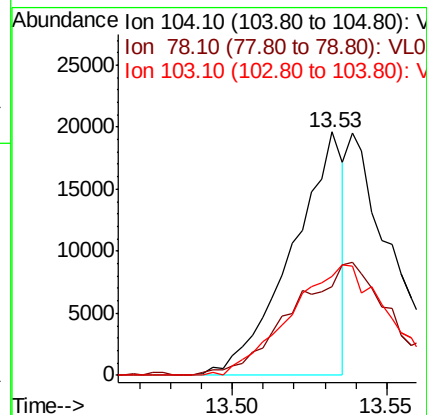
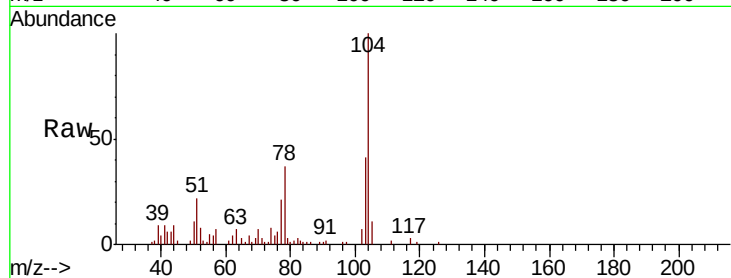
Tot Ion:104 Resp: 22587

Ion Ratio Lower Upper

104 100

78 0.0 37.1 55.7#

103 0.0 37.9 56.9#



#68

1-Bromo-4-Fluorobenzene

Concen: 10.634 ppbv

RT: 14.42 min Scan# 3619

Delta R.T. -0.00 min

Lab File: VL035912.D

Acq: 12 Nov 2020 14:06

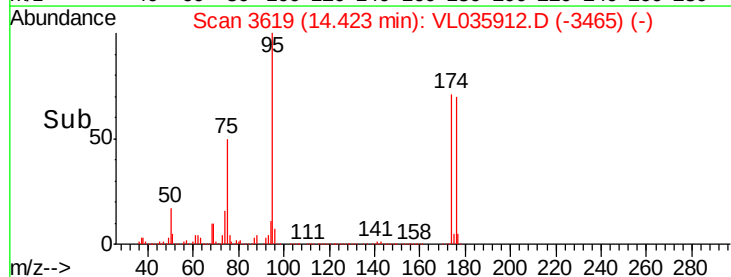
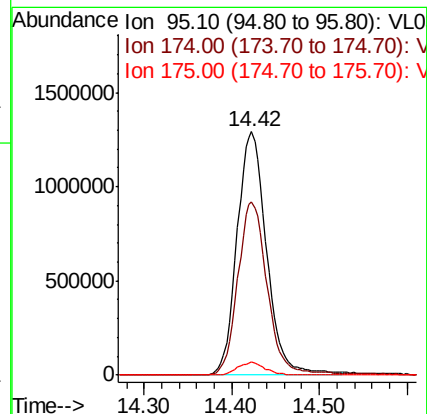
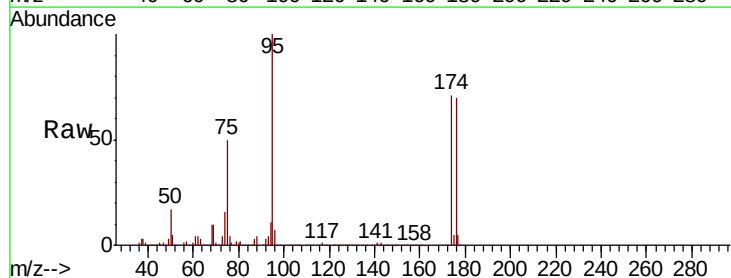
Tgt Ion: 95 Resp: 3037277

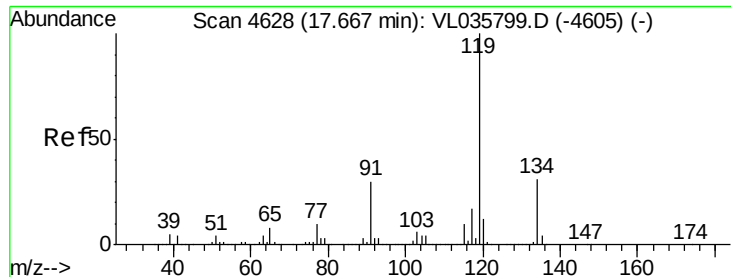
Ion Ratio Lower Upper

95 100

174 72.2 59.8 89.6

175 5.0 4.3 6.5





#69

p-Isopropyltoluene

Concen: 0.036 ppbv

RT: 17.66 min Scan# 4625

Delta R.T. -0.01 min

Lab File: VL035912.D

Acq: 12 Nov 2020 14:06

Instrument :

MSVOA_L

ClientSampled :

CVS-1

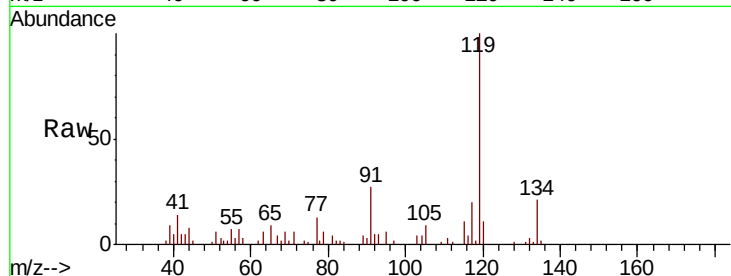
Tot Ion:119 Resp: 23162

Ion Ratio Lower Upper

119 100

134 39.0 23.0 34.6#

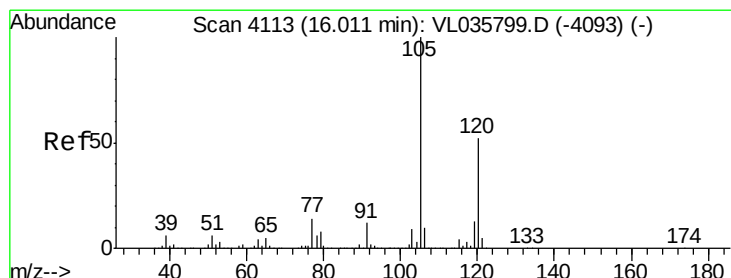
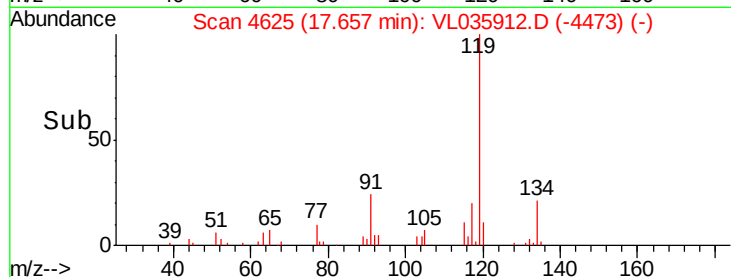
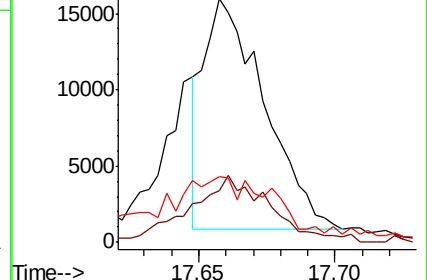
91 56.6 22.8 34.2#



Abundance Ion 119.10 (118.80 to 119.80): V

Ion 134.20 (133.90 to 134.90): V

Ion 91.10 (90.80 to 91.80): V



#73

1,3,5-Trimethylbenzene

Concen: 0.032 ppbv

RT: 16.00 min Scan# 4110

Delta R.T. -0.01 min

Lab File: VL035912.D

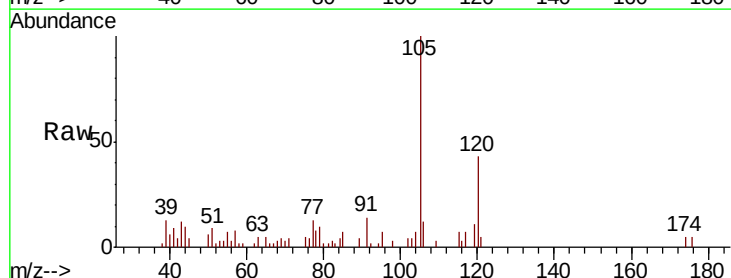
Acq: 12 Nov 2020 14:06

Tgt Ion:105 Resp: 14411

Ion Ratio Lower Upper

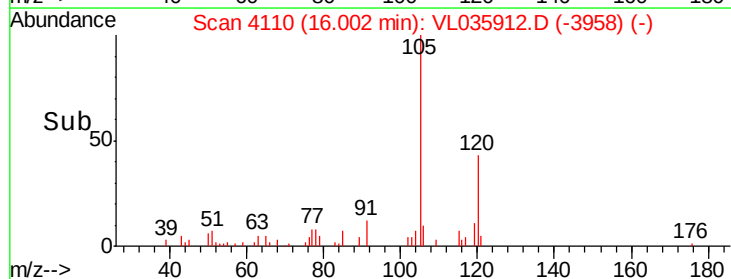
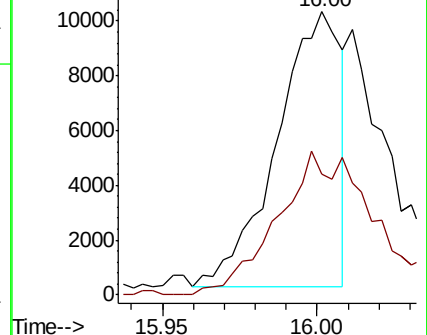
105 100

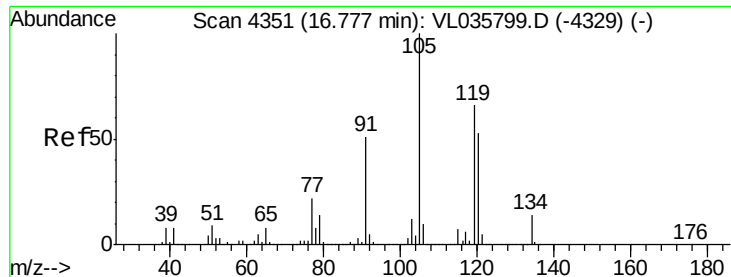
120 43.9 41.4 62.2



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: 0.219 ppbv

RT: 16.77 min Scan# 4349

Delta R.T. -0.01 min

Lab File: VL035912.D

Acq: 12 Nov 2020 14:06

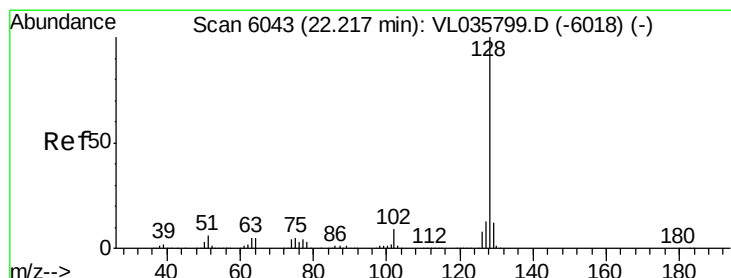
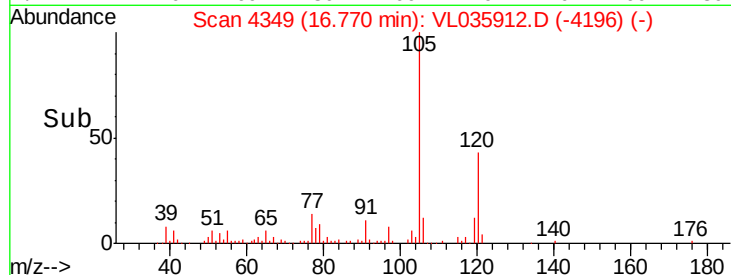
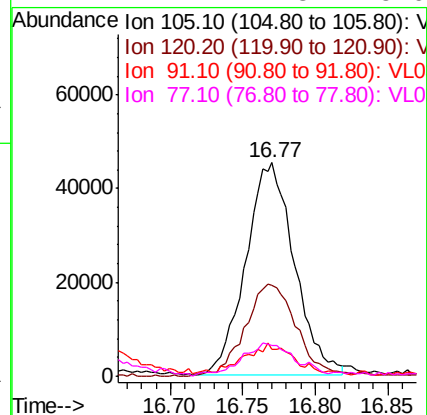
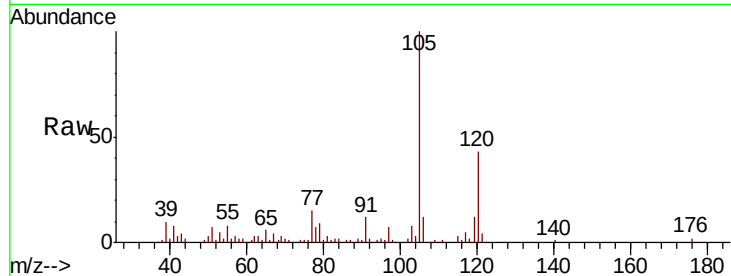
Instrument :

MSVOA_L

ClientSampleId :

CVS-1

Tot Ion:	105	Resp:	104824
Ion	Ratio	Lower	Upper
105	100		
120	42.6	42.0	63.0
91	11.3	41.0	61.6#
77	14.7	17.3	25.9#



#79

Naphthalene

Concen: 0.041 ppbv

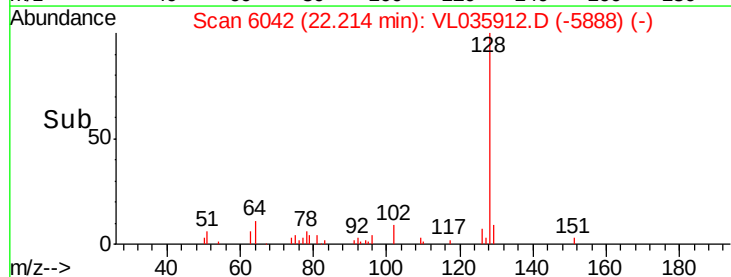
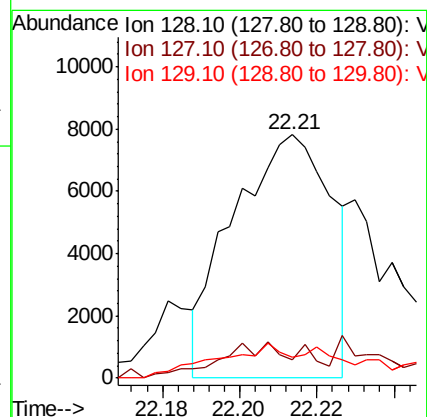
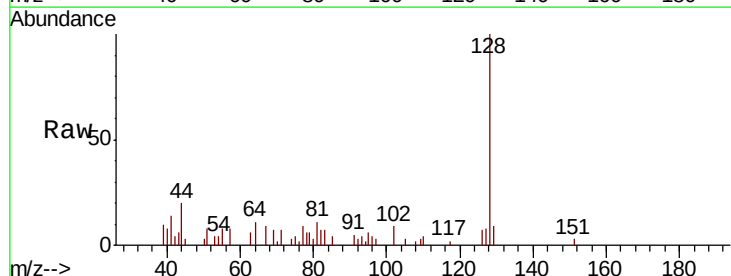
RT: 22.21 min Scan# 6042

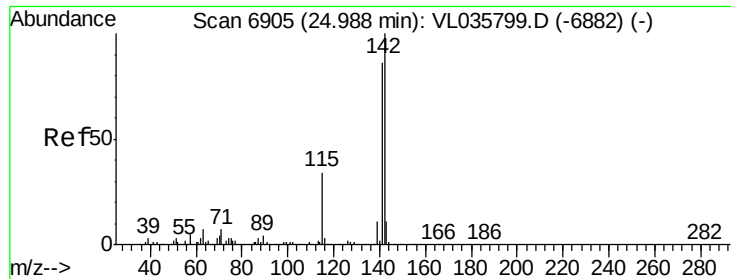
Delta R.T. -0.00 min

Lab File: VL035912.D

Acq: 12 Nov 2020 14:06

Tgt Ion:	128	Resp:	13836
Ion	Ratio	Lower	Upper
128	100		
127	4.9	10.2	15.4#
129	4.0	9.2	13.8#

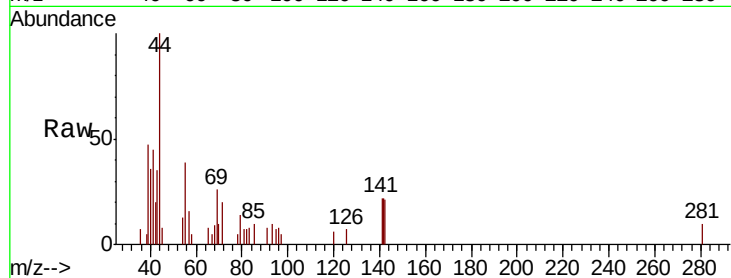




#80
 Naphthalene, 2-methyl-
 Concen: 0.040 ppbv
 RT: 24.99 min Scan# 6904
 Delta R.T. -0.00 min
 Lab File: VL035912.D
 Acq: 12 Nov 2020 14:06

Instrument :
 MSVOA_L
 ClientSampleId :
 CVS-1

Tot Ion	Ratio	Lower	Upper
142	100		
141	111.8	67.8	101.8#
115	53.9	28.1	42.1#



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

