

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL110420\
 Data File : VL035835.D
 Acq On : 4 Nov 2020 16:11
 Operator : SY/AP
 Sample : L4610-03 2X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Nov 05 02:55:47 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	5.64	49	1077442	10.00	ppbv	-0.03
33) 1,4-Difluorobenzene	7.15	114	4779523	10.00	ppbv	-0.03
55) Chlorobenzene-d5	12.06	117	4369210	10.00	ppbv	-0.04

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.39	95	3123338	10.06	ppbv	-0.04
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.60%

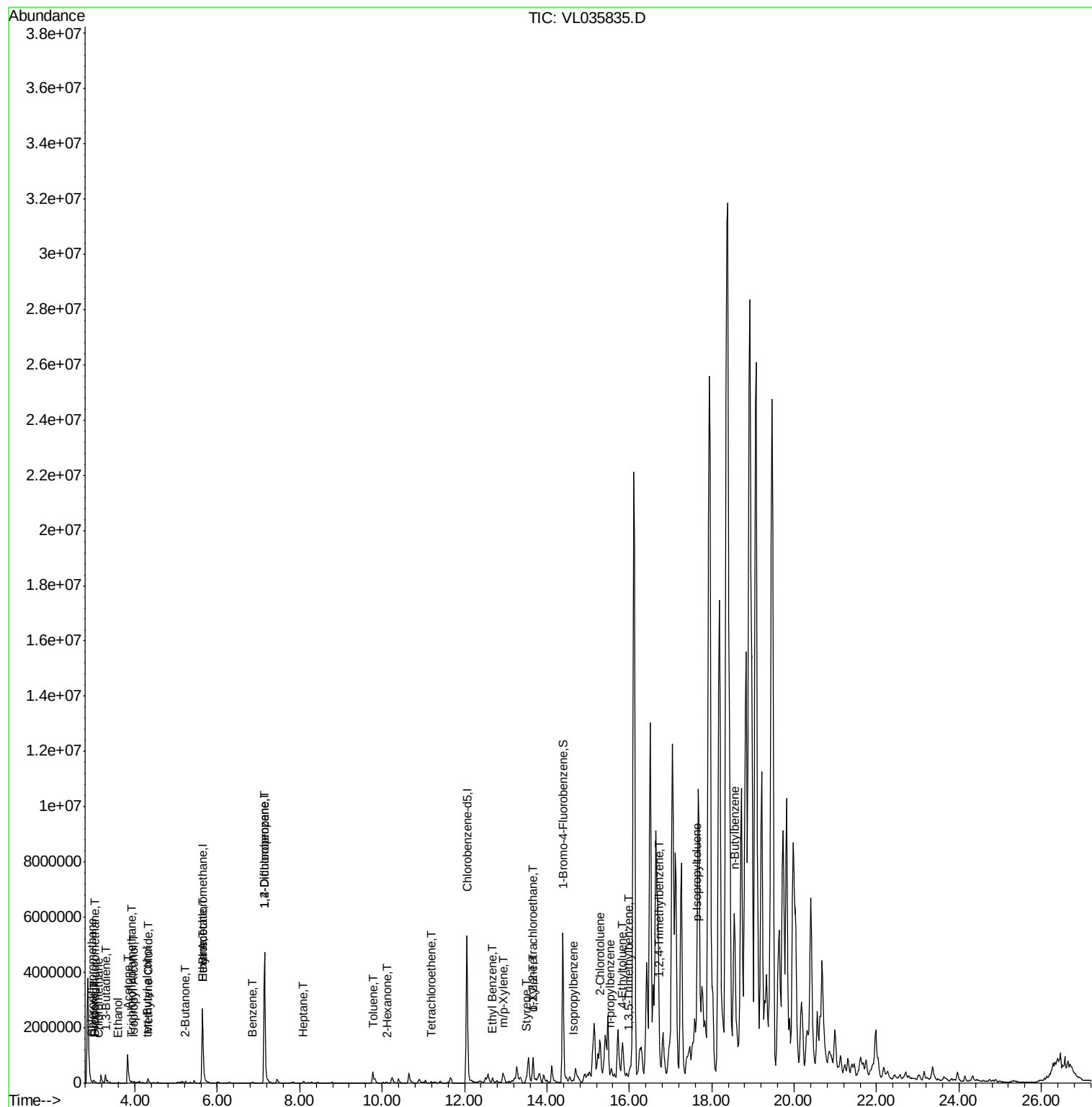
Target Compounds					Ovalue
2) Dichlorodifluoromethane	3.02	85	35314	0.174	ppbv 96
3) Chlorodifluoromethane	2.96	51	24227	0.188	ppbv 91
4) Chloromethane	3.12	50	6742	0.108	ppbv 92
9) Propene	2.99	41	35044	0.742	ppbv 93
10) Heptane	8.09	43	11887	0.091	ppbv # 40
11) Trichlorofluoromethane	3.92	101	25219	0.099	ppbv 95
13) Ethanol	3.59	45	37824	3.692	ppbv 97
15) Acetone	3.82	43	1356343	11.775	ppbv 98
16) 1,3-Butadiene	3.29	39	79667	1.606	ppbv # 7
17) tert-Butyl alcohol	4.29	59	27330	0.179	ppbv 95
19) Isopropyl Alcohol	3.96	45	12333	0.174	ppbv # 90
20) Methylene Chloride	4.32	84	87284	1.076	ppbv 97
25) Ethyl Acetate	5.66	43	45839	0.202	ppbv # 75
26) Hexane	5.66	57	83884	0.670	ppbv # 45
34) 2-Butanone	5.23	43	61525	0.397	ppbv 97
36) Benzene	6.86	78	44772	0.126	ppbv # 92
39) 1,2-Dichloropropane	7.14	63	884031	7.390	ppbv # 29
51) 2-Hexanone	10.11	43	7025	0.037	ppbv # 21
52) Tetrachloroethene	11.19	164	9930	0.059	ppbv 85
53) Toluene	9.77	91	373272	0.871	ppbv 98
58) Ethyl Benzene	12.68	91	177127	0.333	ppbv 94
59) m/p-Xylene	12.94	91	410923	0.913	ppbv 97
60) o-Xylene	13.66	91	159416	0.364	ppbv 99
61) Styrene	13.50	104	17319	0.054	ppbv # 92
62) Isopropylbenzene	14.64	105	24531	0.036	ppbv 98
63) 1,1,2,2-Tetrachloroethane	13.66	83	34969	0.103	ppbv # 31
64) n-propylbenzene	15.53	120	30363	0.153	ppbv 75
69) p-Isopropyltoluene	17.63	119	43808	0.063	ppbv # 81
70) n-Butylbenzene	18.55	91	193297	0.288	ppbv 96
71) 2-Chlorotoluene	15.29	91	366450	0.728	ppbv # 45
72) 4-Ethyltoluene	15.81	105	31834	0.060	ppbv # 51
73) 1,3,5-Trimethylbenzene	15.97	105	35910	0.074	ppbv 94
74) 1,2,4-Trimethylbenzene	16.73	105	79476	0.153	ppbv # 62

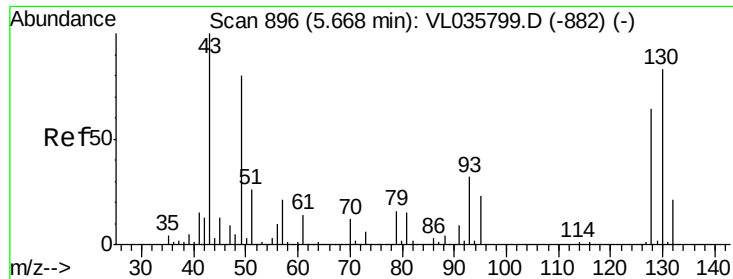
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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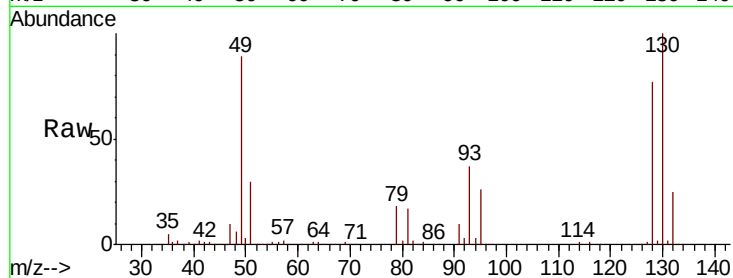




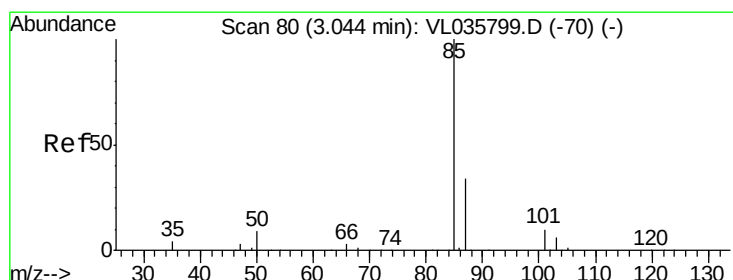
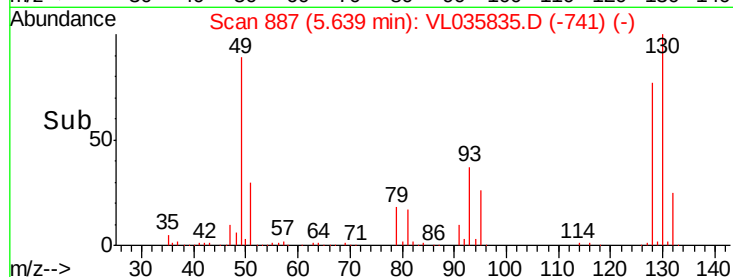
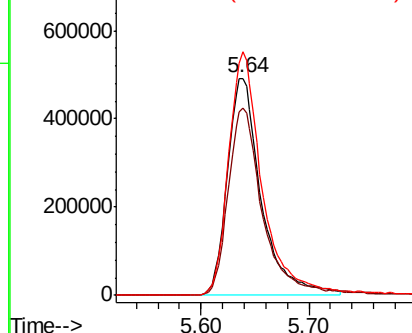
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.64 min Scan# 887
Delta R.T. -0.03 min
Lab File: VL035835.D
Acq: 4 Nov 2020 16:11

Instrument :
MSVOA_L
ClientSampleId :

Tot Ion: 49 Resp: 1077442
Ion Ratio Lower Upper
49 100
128 89.7 41.5 124.6
130 114.5 53.7 161.1

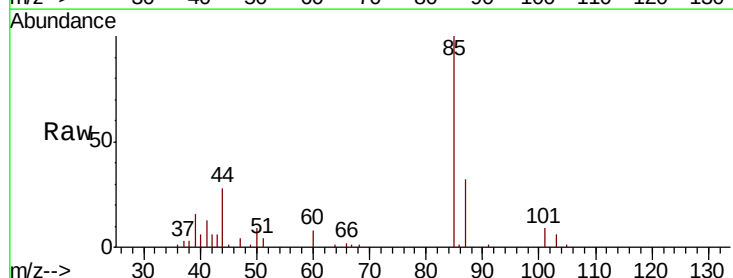


Abundance Ion 49.10 (48.80 to 49.80): VL0
Ion 128.00 (127.70 to 128.70): V
Ion 130.00 (129.70 to 130.70): V

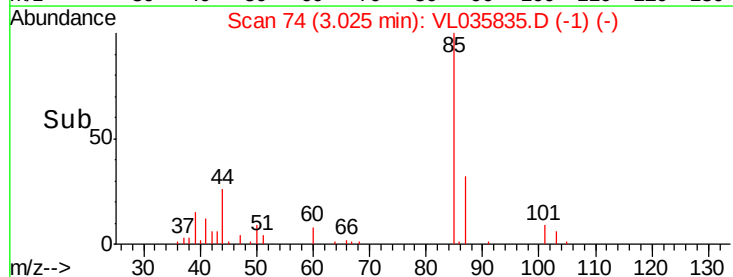
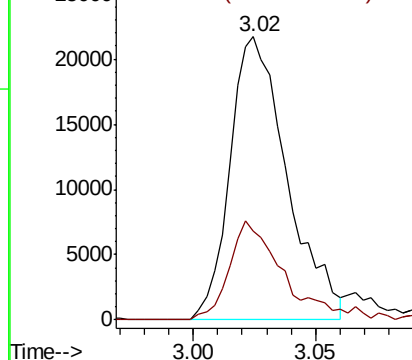


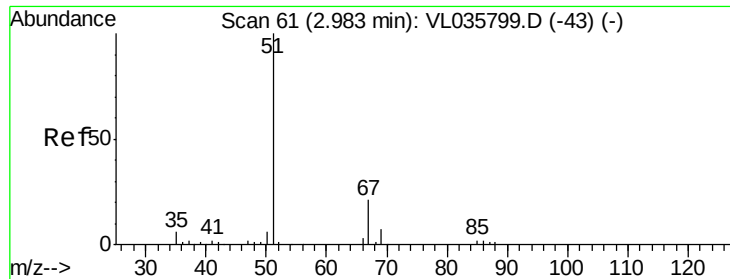
#2
Dichlorodifluoromethane
Concen: 0.174 ppbv
RT: 3.02 min Scan# 74
Delta R.T. -0.02 min
Lab File: VL035835.D
Acq: 4 Nov 2020 16:11

Tgt Ion: 85 Resp: 35314
Ion Ratio Lower Upper
85 100
87 31.5 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: 0.188 ppbv

RT: 2.96 min Scan# 55

Delta R.T. -0.02 min

Lab File: VL035835.D

Acq: 4 Nov 2020 16:11

Instrument :

MSVOA_L

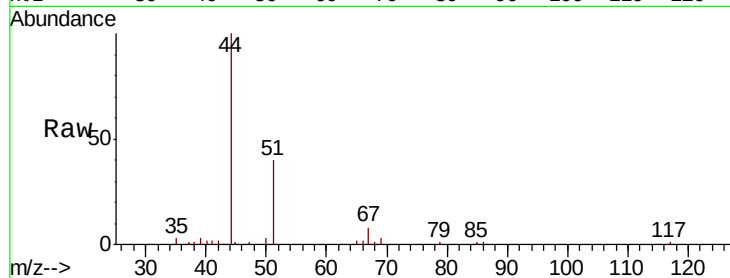
ClientSampleId :

Tot Ion: 51 Resp: 24227

Ion Ratio Lower Upper

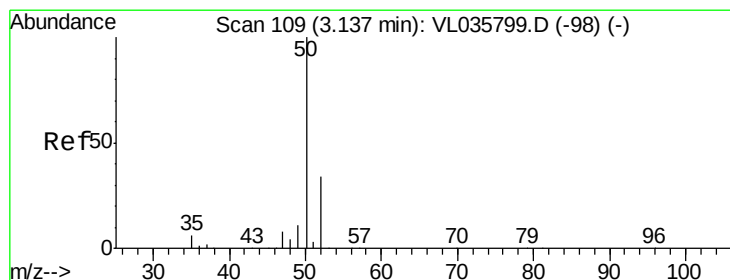
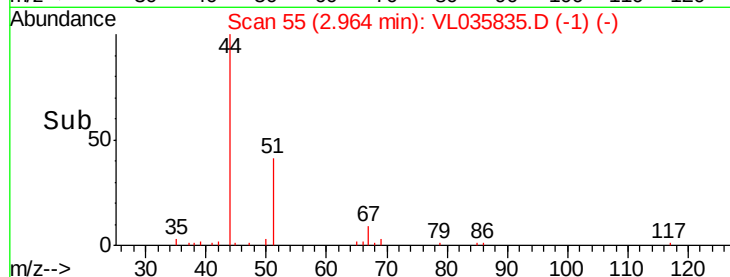
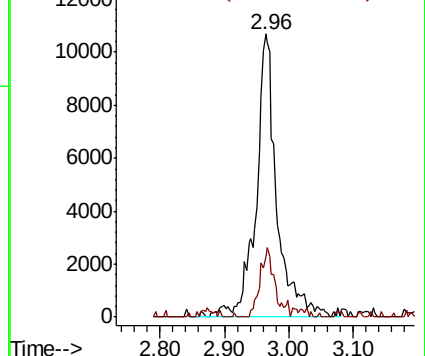
51 100

67 17.0 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: 0.108 ppbv

RT: 3.12 min Scan# 103

Delta R.T. -0.02 min

Lab File: VL035835.D

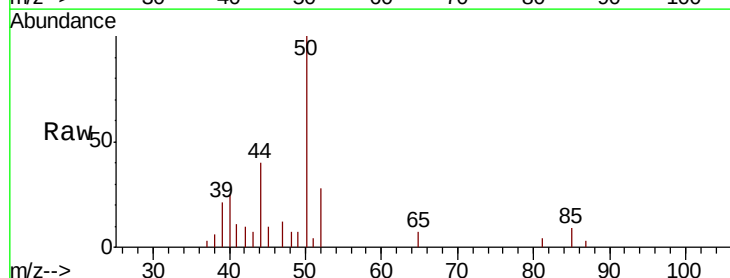
Acq: 4 Nov 2020 16:11

Tgt Ion: 50 Resp: 6742

Ion Ratio Lower Upper

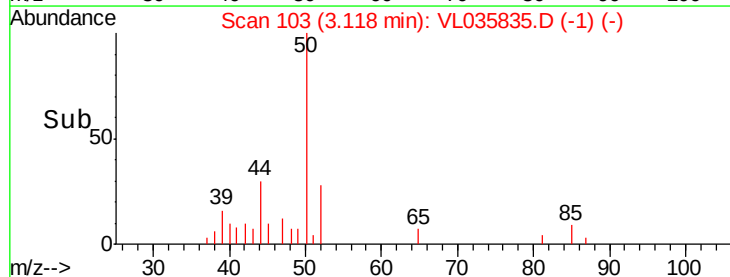
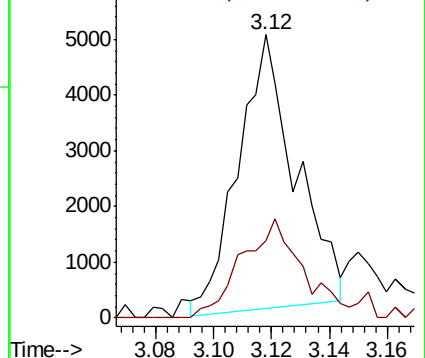
50 100

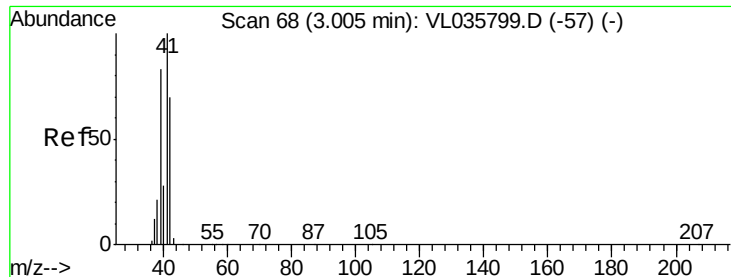
52 29.4 27.1 40.7



Abundance Ion 50.10 (49.80 to 50.80): VL0

Ion 52.10 (51.80 to 52.80): VL0





#9

Propene

Concen: 0.742 ppbv

RT: 2.99 min Scan# 63

Delta R.T. -0.02 min

Lab File: VL035835.D

Acq: 4 Nov 2020 16:11

Instrument :

MSVOA_L

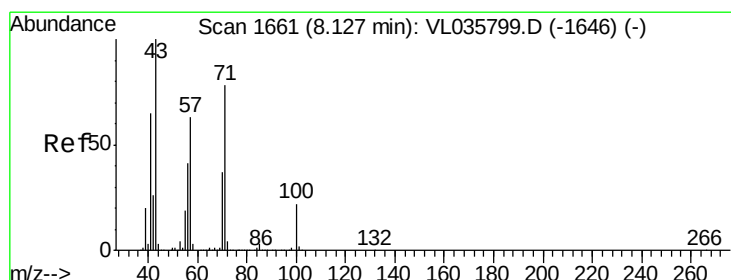
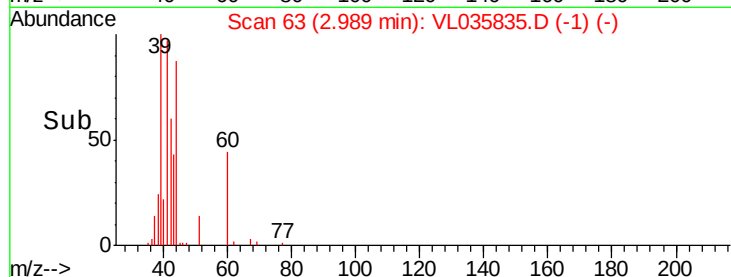
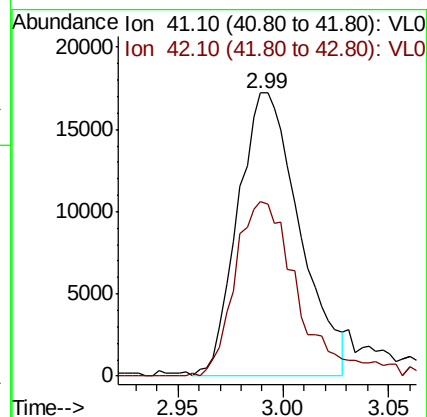
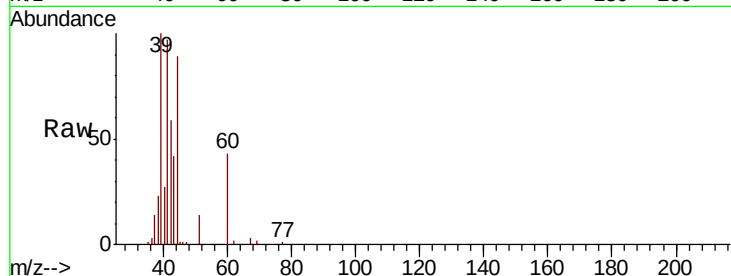
ClientSampleId :

Tot Ion: 41 Resp: 35044

Ion Ratio Lower Upper

41 100

42 64.3 56.2 84.4



#10

Heptane

Concen: 0.091 ppbv

RT: 8.09 min Scan# 1650

Delta R.T. -0.04 min

Lab File: VL035835.D

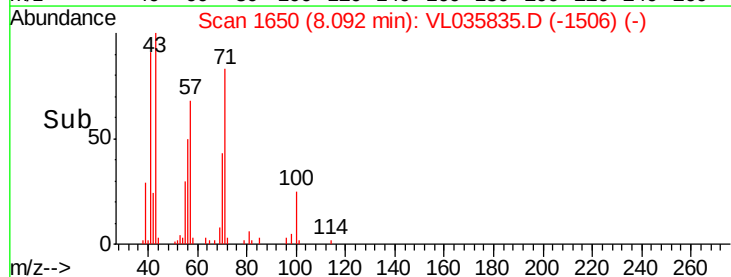
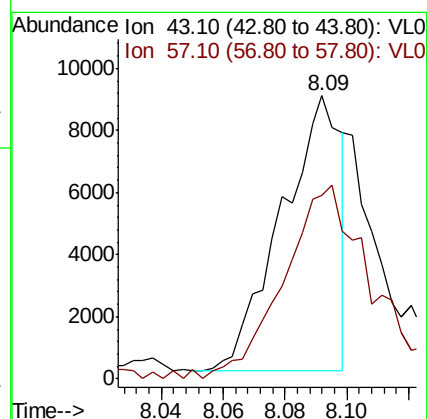
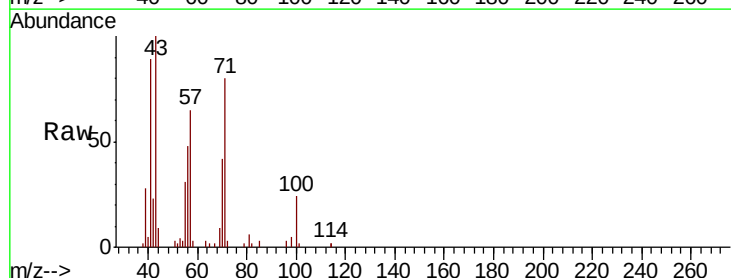
Acq: 4 Nov 2020 16:11

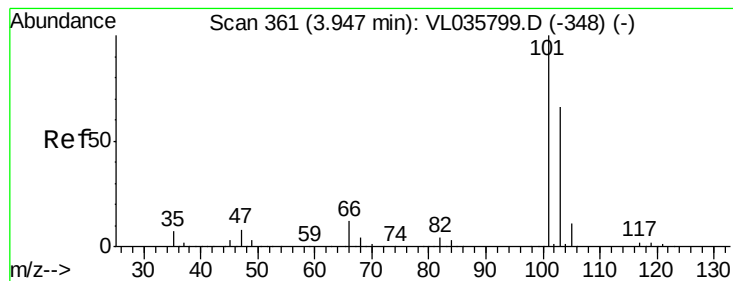
Tgt Ion: 43 Resp: 11887

Ion Ratio Lower Upper

43 100

57 108.9 50.0 75.0#





#11

Trichlorofluoromethane

Concen: 0.099 ppbv

RT: 3.92 min Scan# 354

Delta R.T. -0.02 min

Lab File: VL035835.D

Acq: 4 Nov 2020 16:11

Instrument :

MSVOA_L

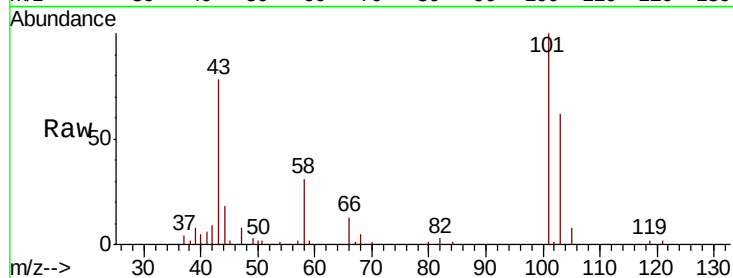
ClientSampleId :

Tot Ion:101 Resp: 25219

Ion Ratio Lower Upper

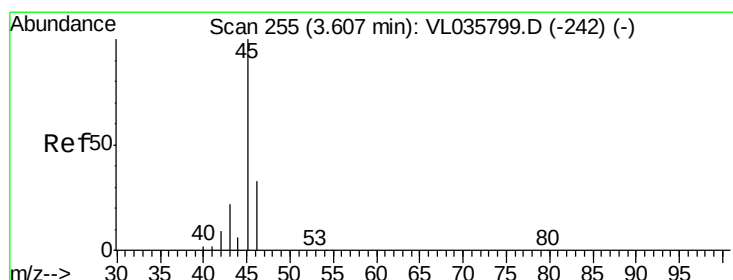
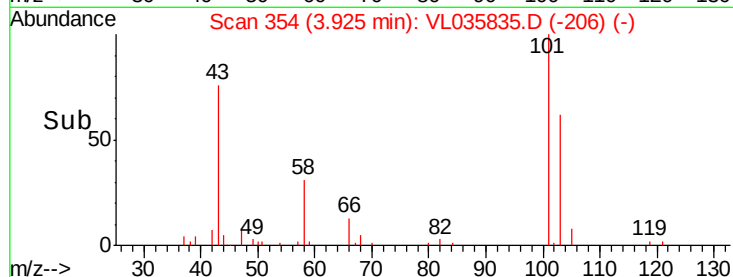
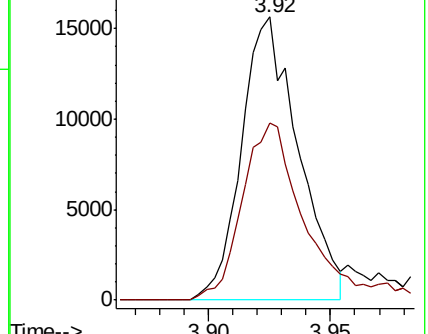
101 100

103 62.5 53.0 79.4



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V



#13

Ethanol

Concen: 3.692 ppbv

RT: 3.59 min Scan# 249

Delta R.T. -0.02 min

Lab File: VL035835.D

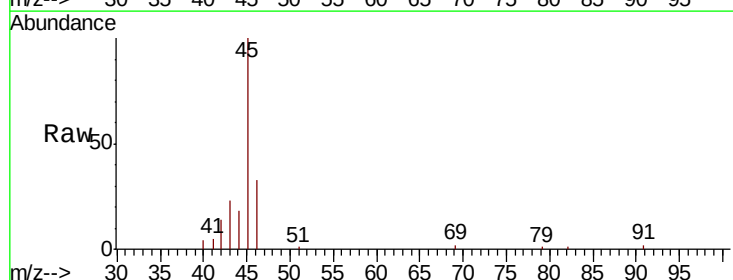
Acq: 4 Nov 2020 16:11

Tgt Ion: 45 Resp: 37824

Ion Ratio Lower Upper

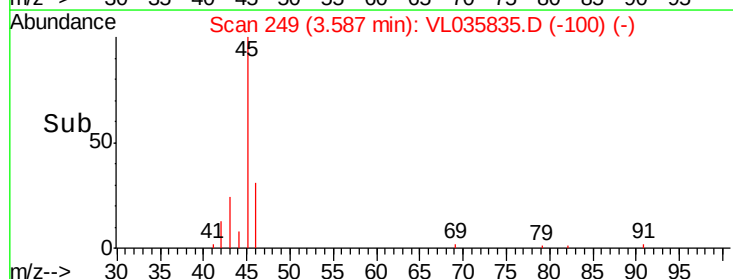
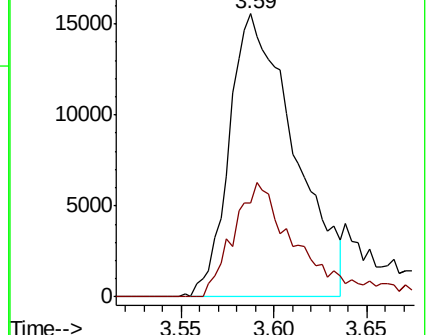
45 100

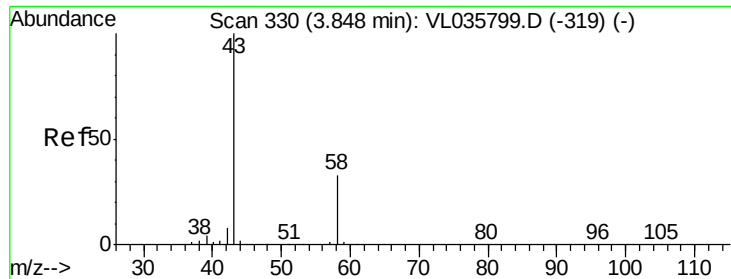
46 42.2 16.1 64.5



Abundance Ion 45.10 (44.80 to 45.80): VL0

Ion 46.10 (45.80 to 46.80): VL0





#15

Acetone

Concen: 11.775 ppbv

RT: 3.82 min Scan# 322

Delta R.T. -0.03 min

Lab File: VL035835.D

Acq: 4 Nov 2020 16:11

Instrument :

MSVOA_L

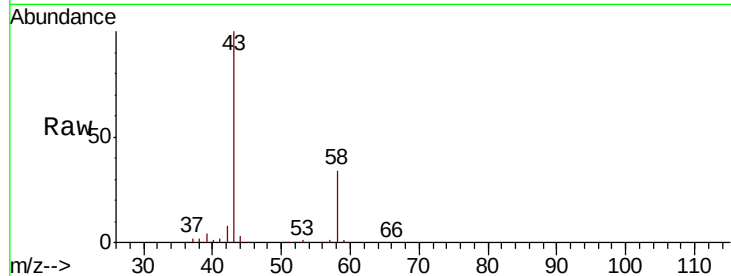
ClientSampled :

Tot Ion: 43 Resp: 1356343

Ion Ratio Lower Upper

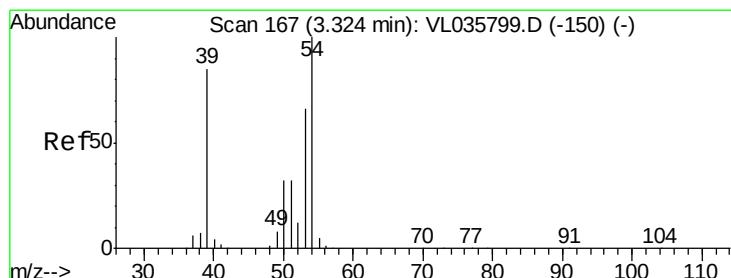
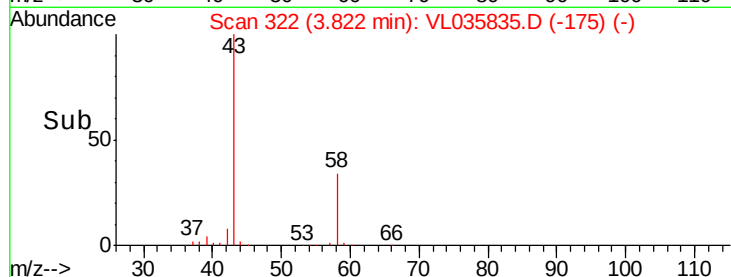
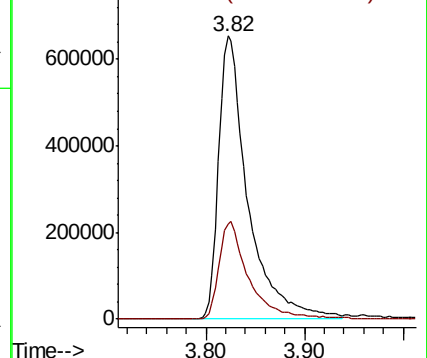
43 100

58 35.5 27.5 41.3



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0



#16

1,3-Butadiene

Concen: 1.606 ppbv

RT: 3.29 min Scan# 155

Delta R.T. -0.04 min

Lab File: VL035835.D

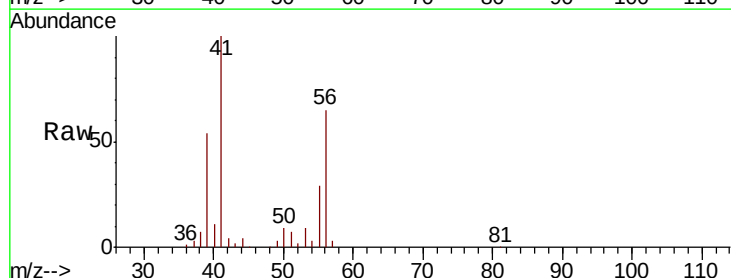
Acq: 4 Nov 2020 16:11

Tgt Ion: 39 Resp: 79667

Ion Ratio Lower Upper

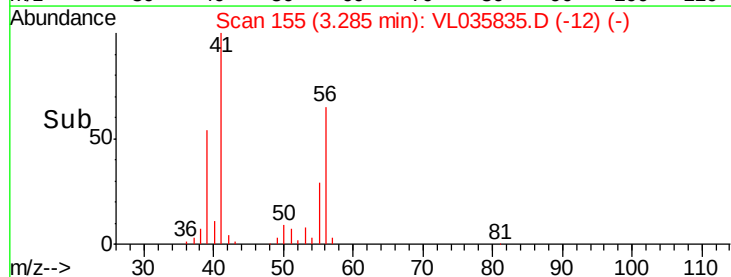
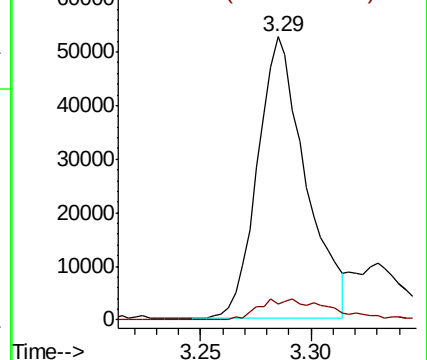
39 100

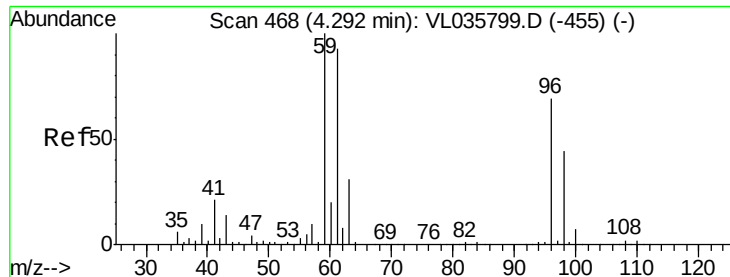
54 11.6 87.1 130.7#



Abundance Ion 39.10 (38.80 to 39.80): VL0

Ion 54.10 (53.80 to 54.80): VL0





#17

tert-Butyl alcohol

Concen: 0.179 ppbv

RT: 4.29 min Scan# 468

Delta R.T. -0.00 min

Lab File: VL035835.D

Acq: 4 Nov 2020 16:11

Instrument :

MSVOA_L

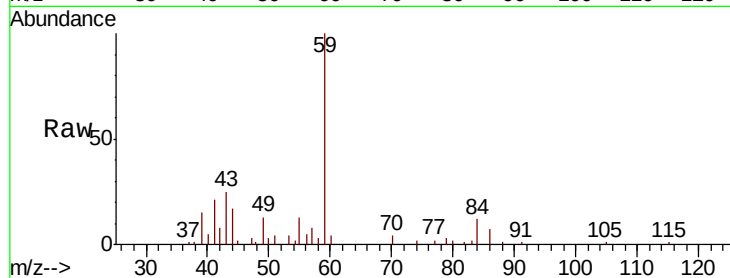
ClientSampleId :

Tot Ion: 59 Resp: 27330

Ion Ratio Lower Upper

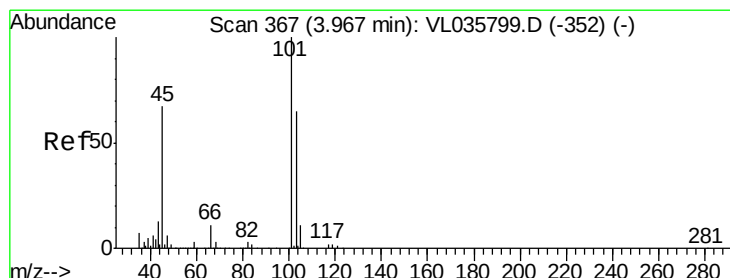
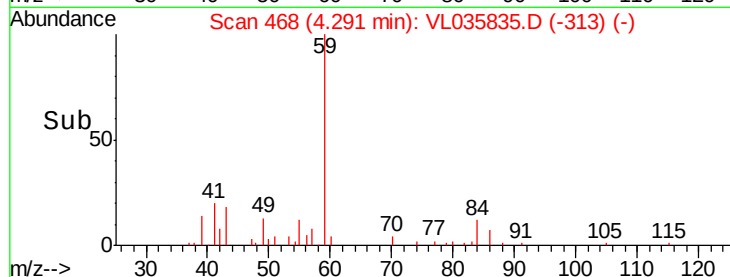
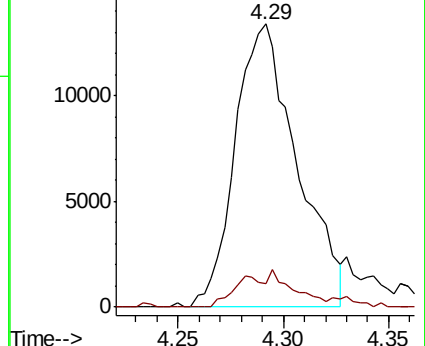
59 100

57 12.3 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: 0.174 ppbv

RT: 3.96 min Scan# 366

Delta R.T. -0.00 min

Lab File: VL035835.D

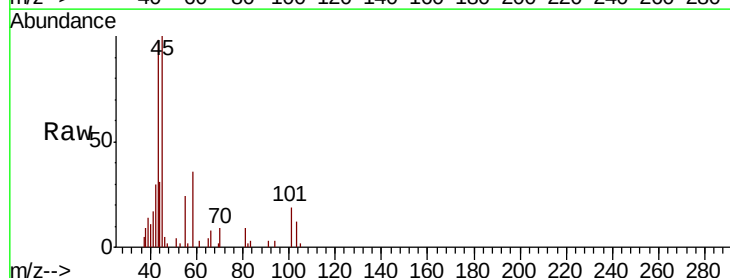
Acq: 4 Nov 2020 16:11

Tgt Ion: 45 Resp: 12333

Ion Ratio Lower Upper

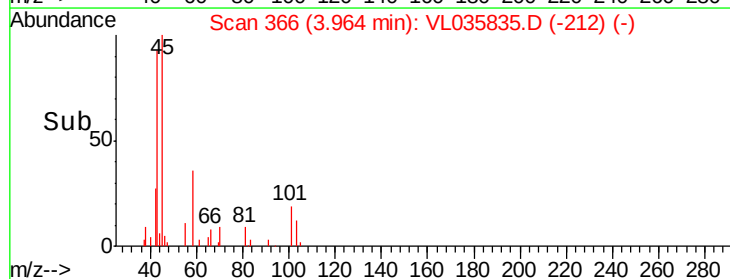
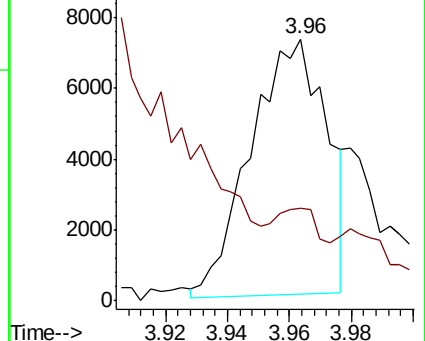
45 100

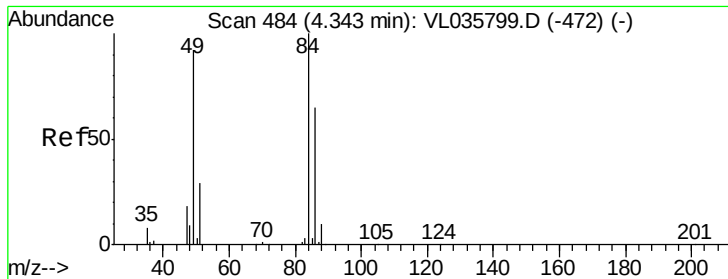
58 0.0 2.6 3.8#



Abundance Ion 45.10 (44.80 to 45.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

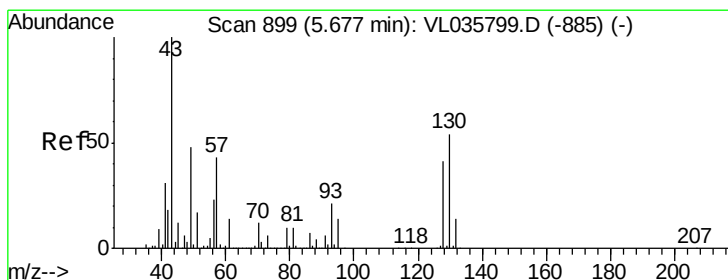
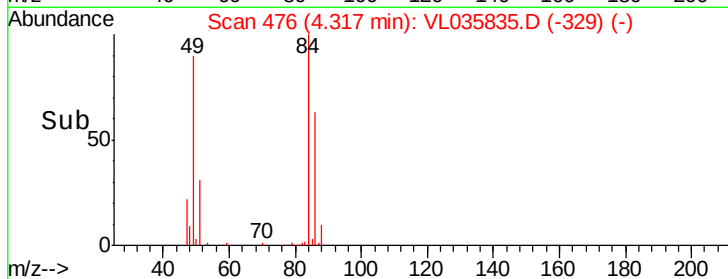
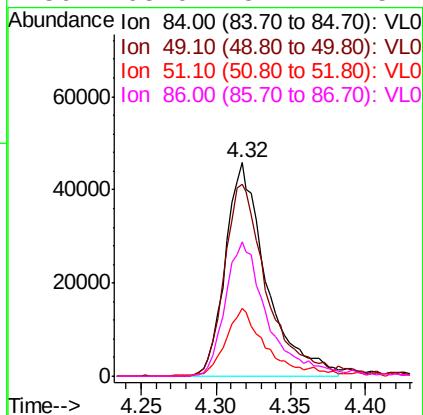
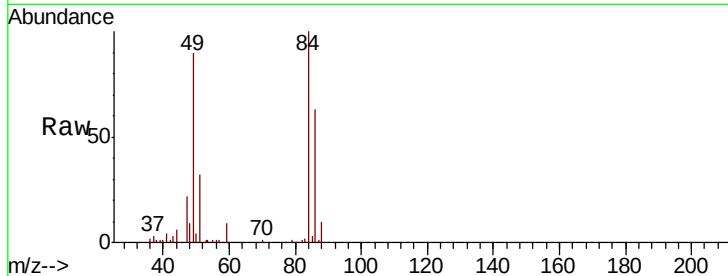




#20
Methylene Chloride
Concen: 1.076 ppbv
RT: 4.32 min Scan# 476
Delta R.T. -0.03 min
Lab File: VL035835.D
Acq: 4 Nov 2020 16:11

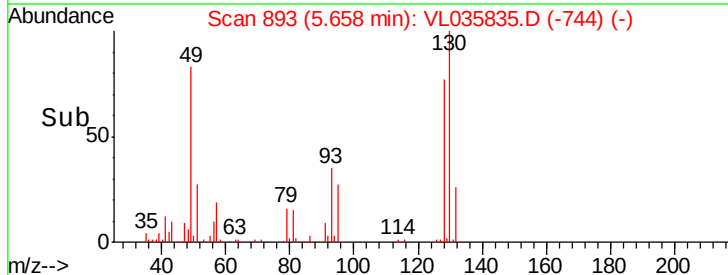
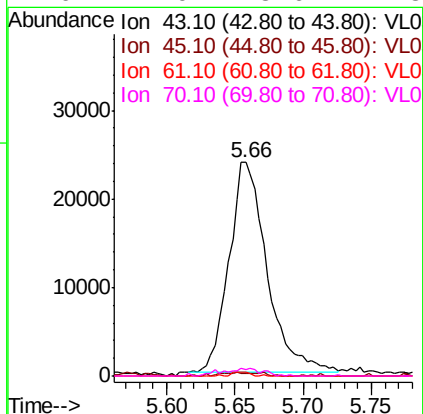
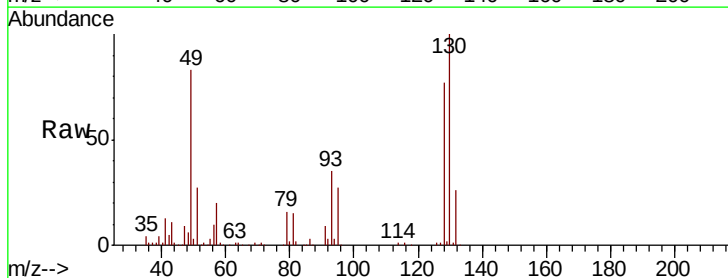
Instrument :
MSVOA_L
ClientSampleId :

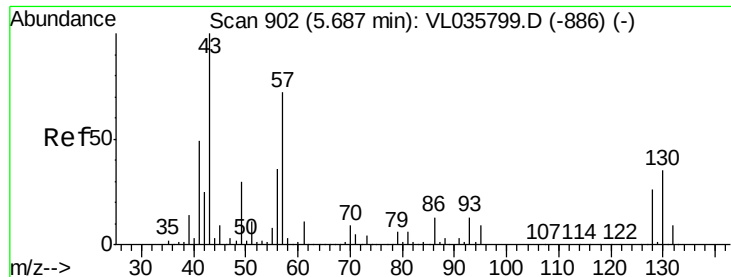
Tot Ion:	84	Resp:	87284
Ion	Ratio	Lower	Upper
84	100		
49	89.7	73.8	110.8
51	31.6	23.0	34.4
86	63.0	52.1	78.1



#25
Ethyl Acetate
Concen: 0.202 ppbv
RT: 5.66 min Scan# 893
Delta R.T. -0.02 min
Lab File: VL035835.D
Acq: 4 Nov 2020 16:11

Tgt Ion:	43	Resp:	45839
Ion	Ratio	Lower	Upper
43	100		
45	1.6	8.5	12.7#
61	1.0	10.7	16.1#
70	4.0	8.6	12.8#

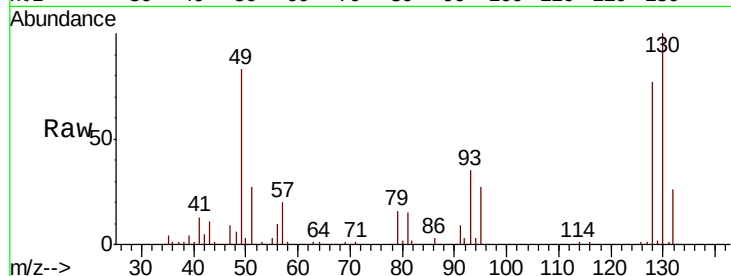




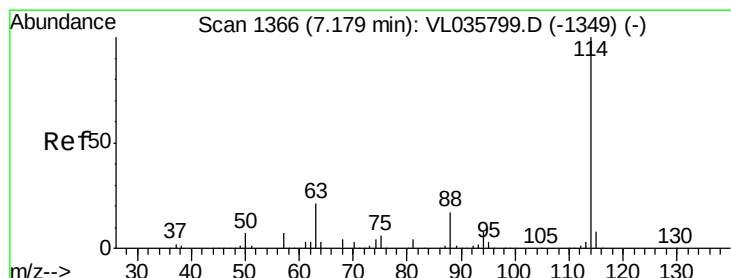
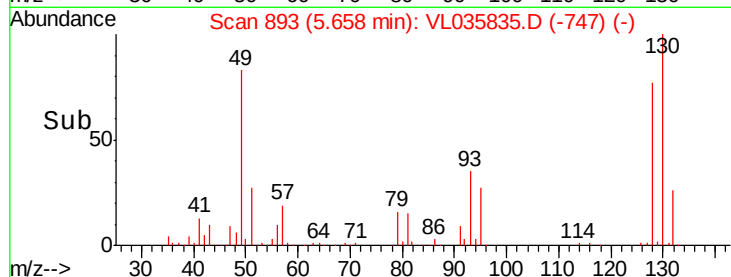
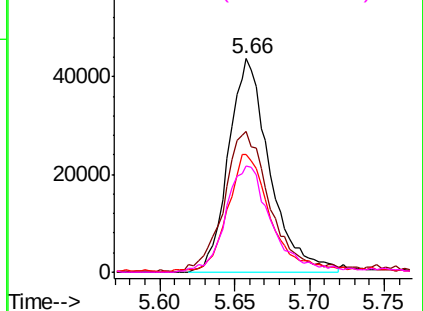
#26
Hexane
Concen: 0.670 ppbv
RT: 5.66 min Scan# 893
Delta R.T. -0.03 min
Lab File: VL035835.D
Acq: 4 Nov 2020 16:11

Instrument :
MSVOA_L
ClientSampleId :

Tot Ion: 57 Resp: 83884
Ion Ratio Lower Upper
57 100
41 75.4 58.9 88.3
43 57.4 150.2 225.2#
56 57.1 42.4 63.6

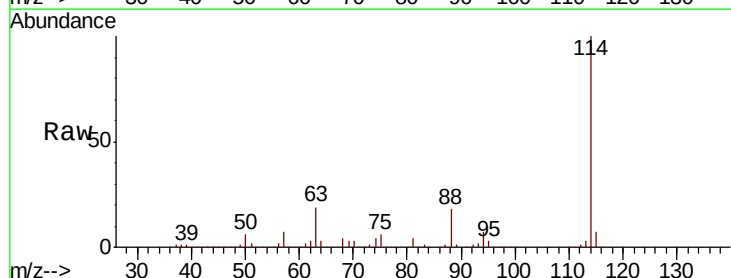


Abundance Ion 57.10 (56.80 to 57.80): VL0
Ion 41.10 (40.80 to 41.80): VL0
Ion 43.10 (42.80 to 43.80): VL0
Ion 56.10 (55.80 to 56.80): VL0

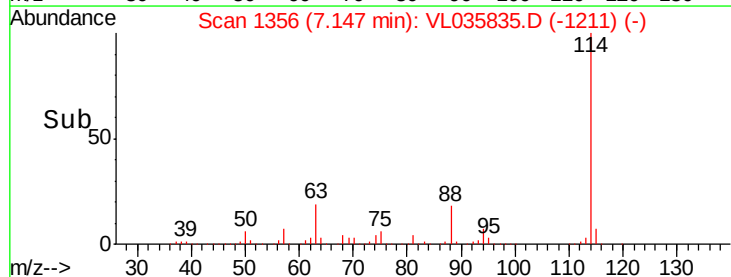
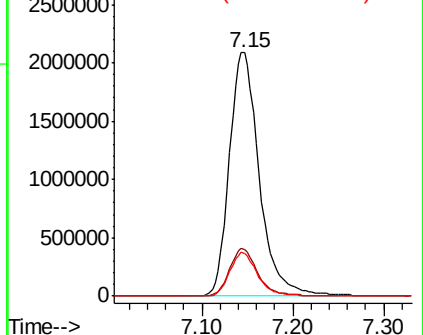


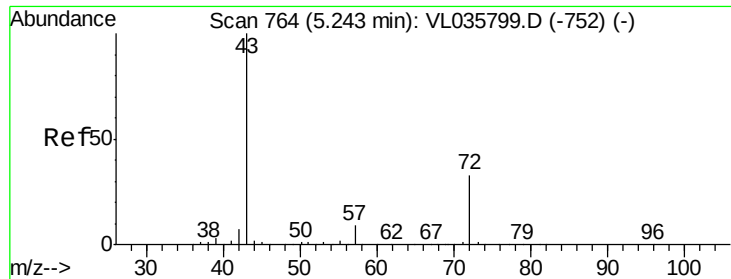
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.15 min Scan# 1356
Delta R.T. -0.03 min
Lab File: VL035835.D
Acq: 4 Nov 2020 16:11

Tgt Ion: 114 Resp: 4779523
Ion Ratio Lower Upper
114 100
63 18.6 16.1 24.1
88 16.9 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

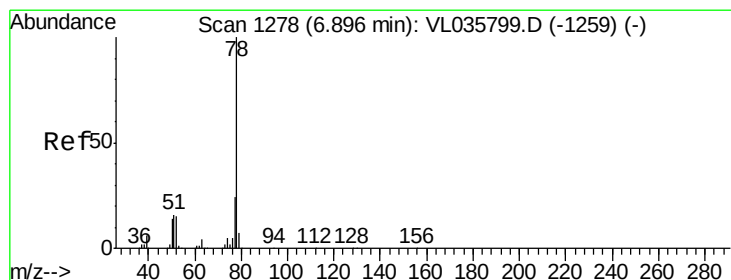
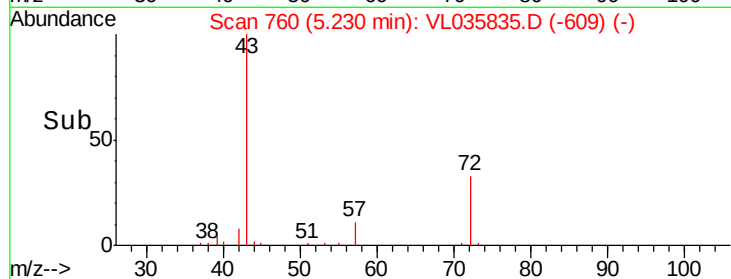
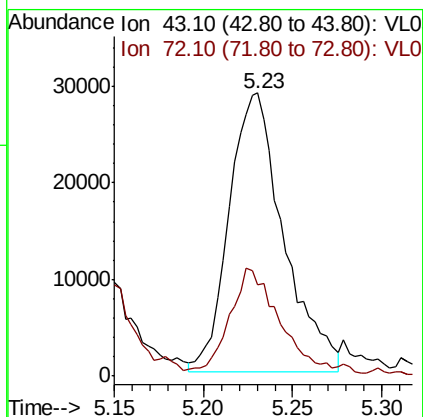
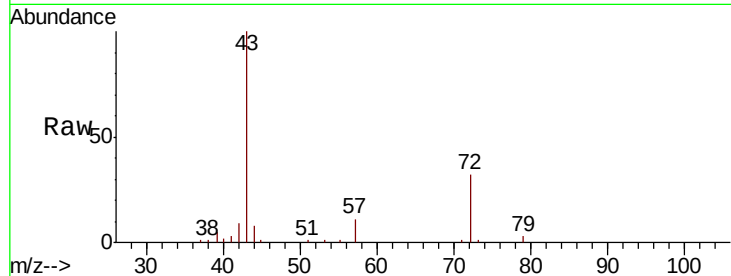




#34
2-Butanone
Concen: 0.397 ppbv
RT: 5.23 min Scan# 760
Delta R.T. -0.01 min
Lab File: VL035835.D
Acq: 4 Nov 2020 16:11

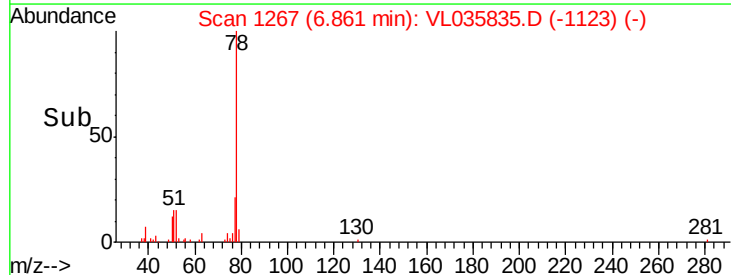
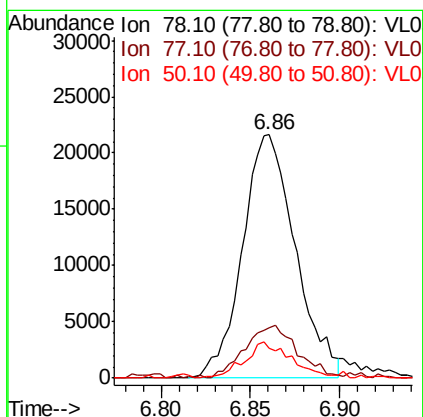
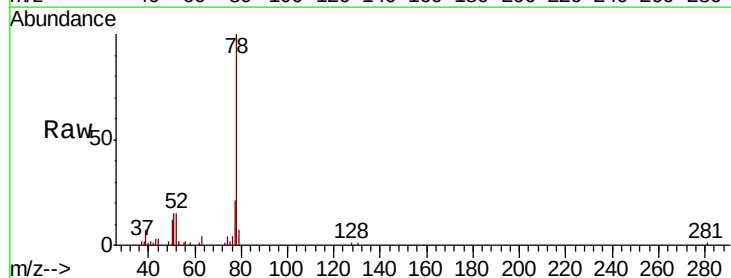
Instrument :
MSVOA_L
ClientSampleId :

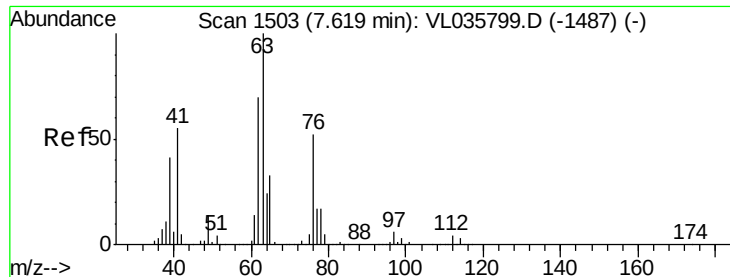
Tot Ion: 43 Resp: 61525
Ion Ratio Lower Upper
43 100
72 34.7 26.5 39.7



#36
Benzene
Concen: 0.126 ppbv
RT: 6.86 min Scan# 1267
Delta R.T. -0.04 min
Lab File: VL035835.D
Acq: 4 Nov 2020 16:11

Tgt Ion: 78 Resp: 44772
Ion Ratio Lower Upper
78 100
77 19.8 19.3 28.9
50 11.1 11.4 17.2#





#39

1,2-Dichloropropane

Concen: 7.390 ppbv

RT: 7.14 min Scan# 1355

Delta R.T. -0.48 min

Lab File: VL035835.D

Acq: 4 Nov 2020 16:11

Instrument :

MSVOA_L

ClientSampled :

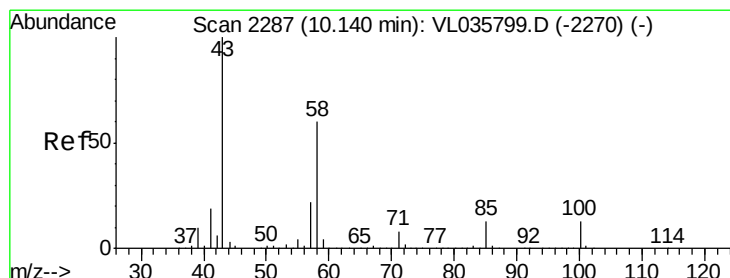
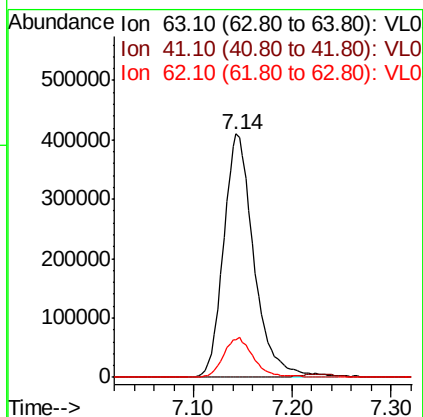
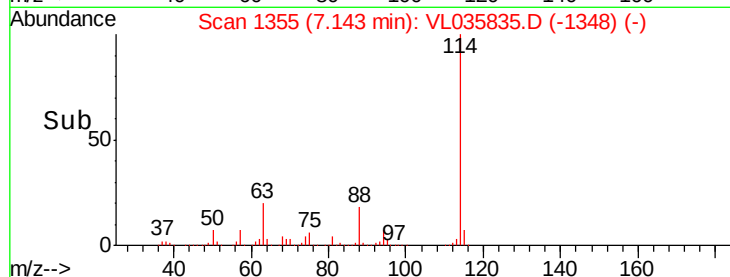
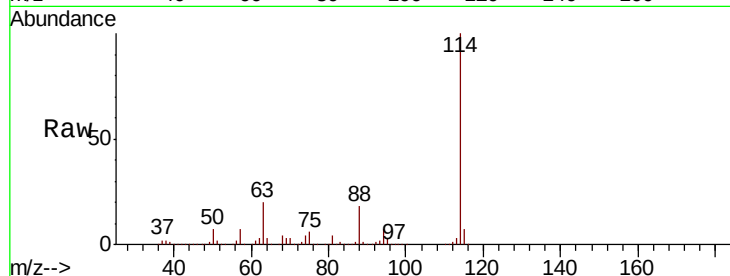
Tot Ion: 63 Resp: 884031

Ion Ratio Lower Upper

63 100

41 0.0 43.8 65.6#

62 15.4 56.2 84.2#



#51

2-Hexanone

Concen: 0.037 ppbv

RT: 10.11 min Scan# 2279

Delta R.T. -0.03 min

Lab File: VL035835.D

Acq: 4 Nov 2020 16:11

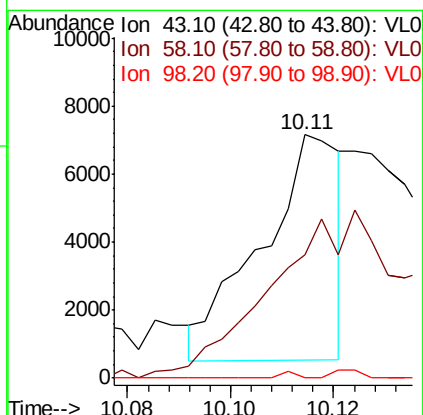
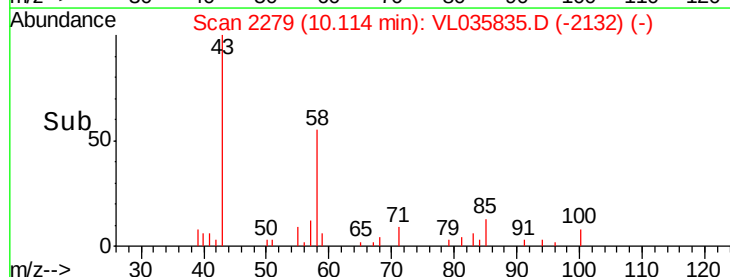
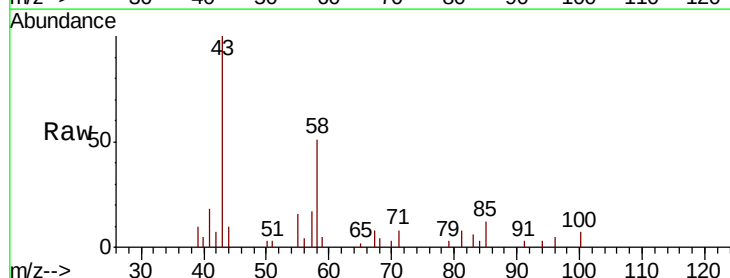
Tgt Ion: 43 Resp: 7025

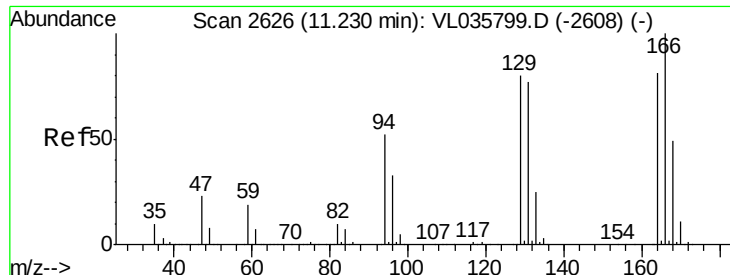
Ion Ratio Lower Upper

43 100

58 0.0 48.3 72.5#

98 0.0 0.6 0.8#





#52

Tetrachloroethene

Concen: 0.059 ppbv

RT: 11.19 min Scan# 2615

Delta R.T. -0.04 min

Lab File: VL035835.D

Acq: 4 Nov 2020 16:11

Instrument :

MSVOA_L

ClientSampleId :

Tot Ion:164 Resp: 9930

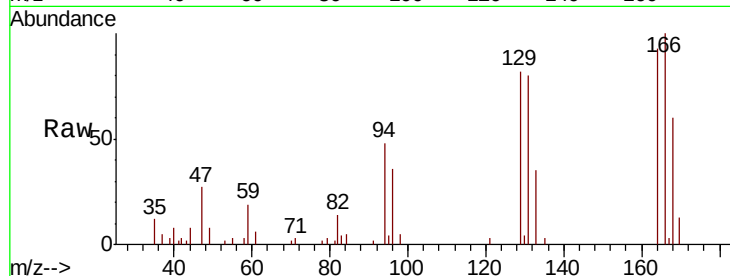
Ion Ratio Lower Upper

164 100

166 104.2 99.3 148.9

129 88.5 79.3 118.9

131 81.1 76.5 114.7

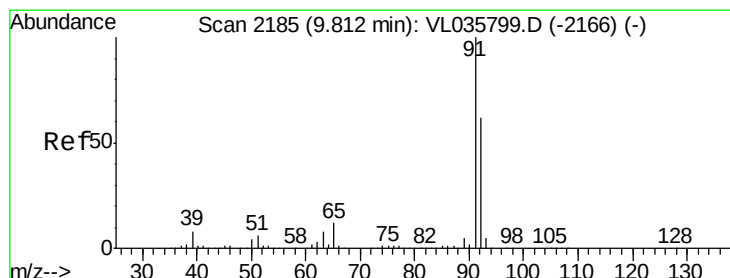
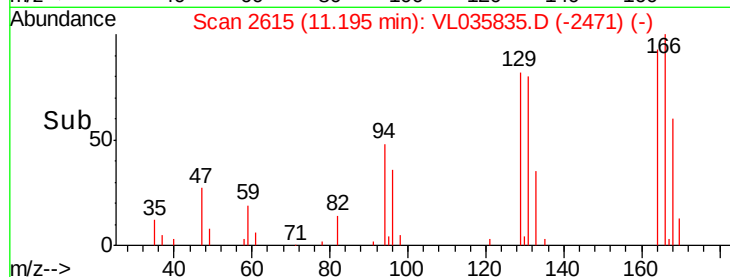
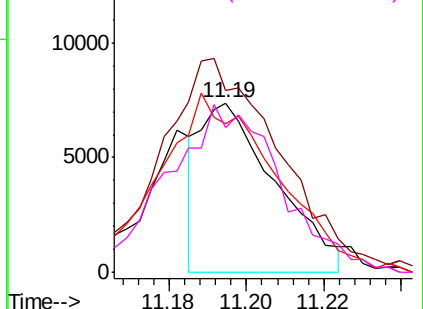


Abundance Ion 163.90 (163.60 to 164.60): V

Ion 165.90 (165.60 to 166.60): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V



#53

Toluene

Concen: 0.871 ppbv

RT: 9.77 min Scan# 2172

Delta R.T. -0.04 min

Lab File: VL035835.D

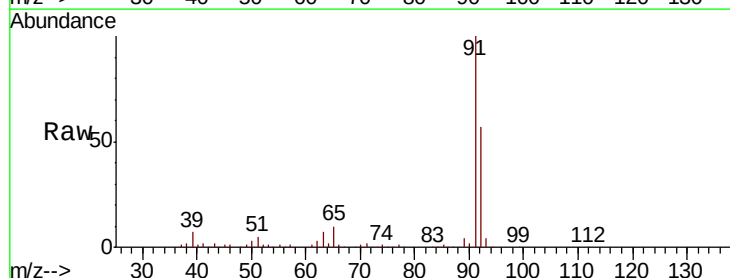
Acq: 4 Nov 2020 16:11

Tgt Ion: 91 Resp: 373272

Ion Ratio Lower Upper

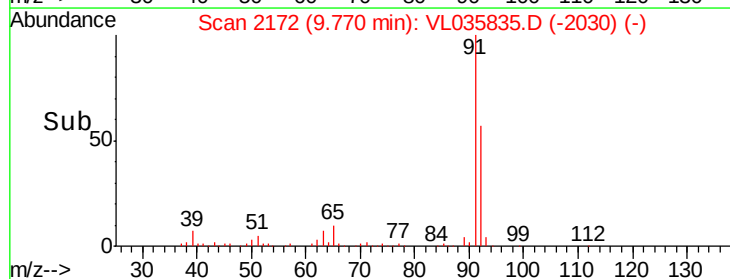
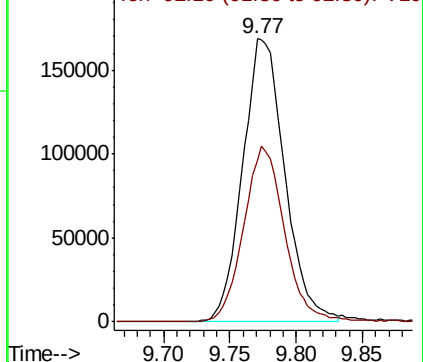
91 100

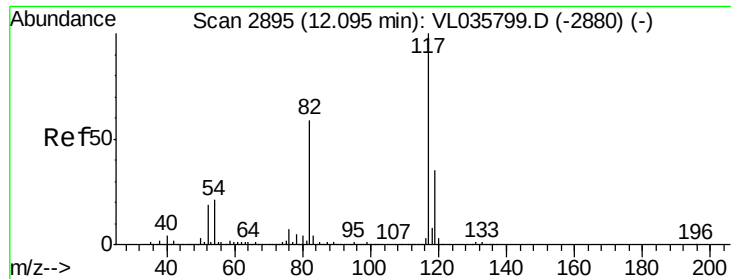
92 60.8 49.8 74.6



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: 12.06 min Scan# 2883

Delta R.T. -0.04 min

Lab File: VL035835.D

Acq: 4 Nov 2020 16:11

Instrument :

MSVOA_L

ClientSampleId :

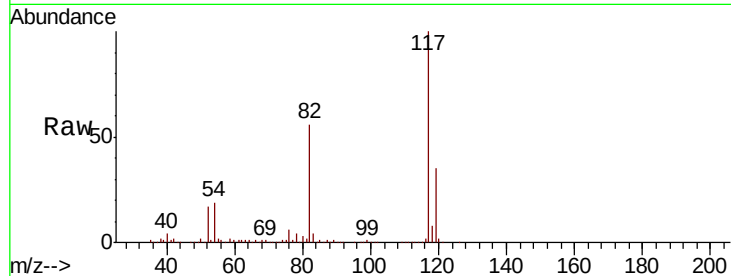
Tot Ion:117 Resp: 4369210

Ion Ratio Lower Upper

117 100

82 57.3 50.6 76.0

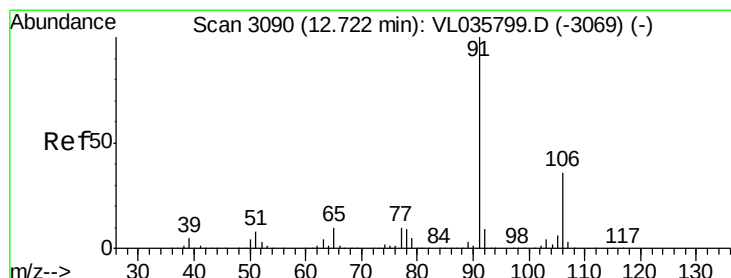
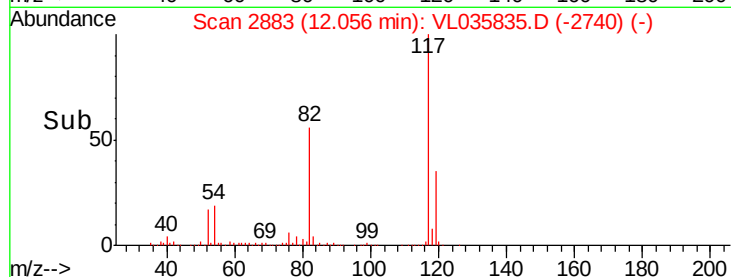
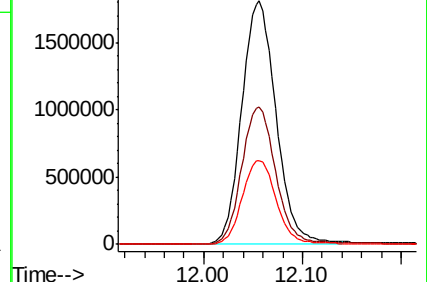
119 34.6 52.6 78.8#



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: 0.333 ppbv

RT: 12.68 min Scan# 3077

Delta R.T. -0.04 min

Lab File: VL035835.D

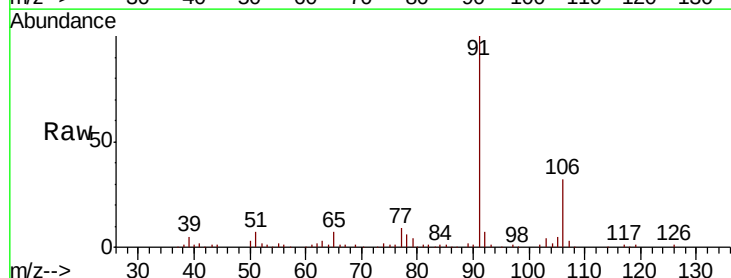
Acq: 4 Nov 2020 16:11

Tgt Ion: 91 Resp: 177127

Ion Ratio Lower Upper

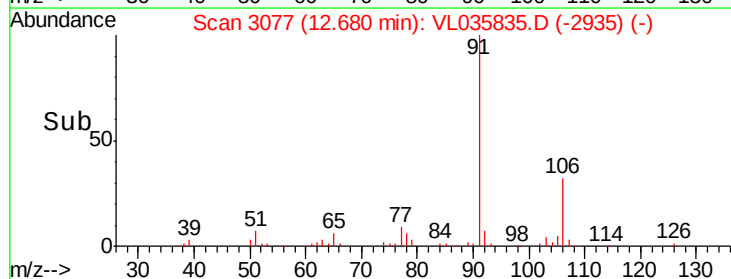
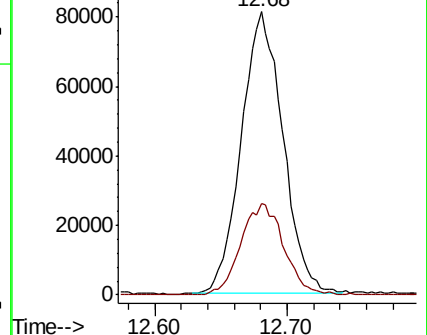
91 100

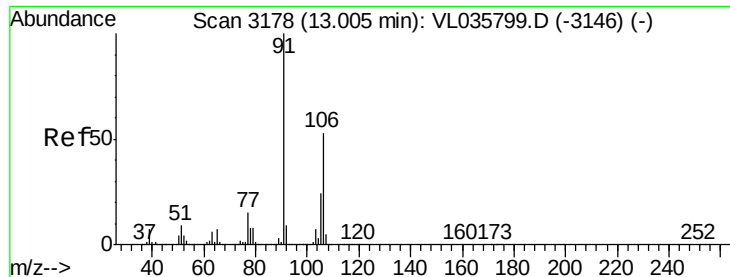
106 32.5 28.6 43.0



Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 106.10 (105.80 to 106.80): V





#59

m/p-Xylene

Concen: 0.913 ppbv

RT: 12.94 min Scan# 3157

Delta R.T. -0.07 min

Lab File: VL035835.D

Acq: 4 Nov 2020 16:11

Instrument :

MSVOA_L

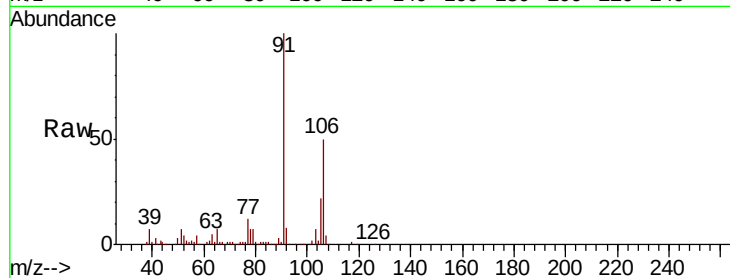
ClientSampleId :

Tot Ion: 91 Resp: 410923

Ion Ratio Lower Upper

91 100

106 51.4 39.5 59.3



Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 106.10 (105.80 to 106.80): V

12.94

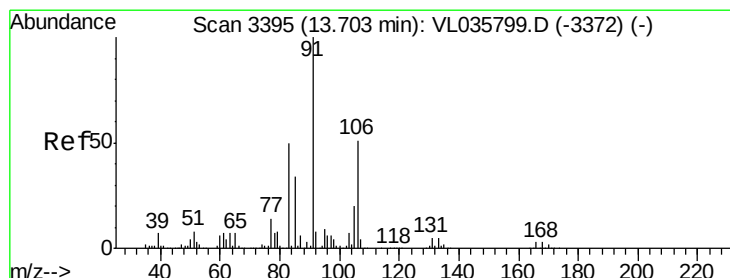
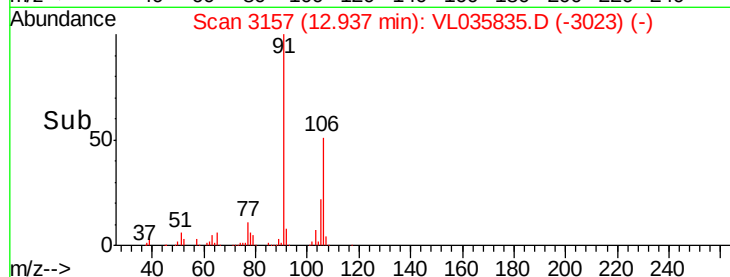
150000

100000

50000

0

Time-->



#60

o-Xylene

Concen: 0.364 ppbv

RT: 13.66 min Scan# 3382

Delta R.T. -0.04 min

Lab File: VL035835.D

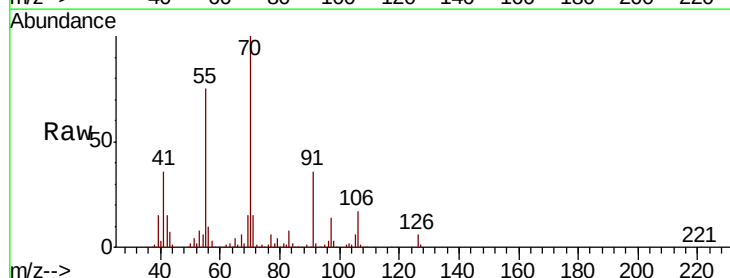
Acq: 4 Nov 2020 16:11

Tgt Ion: 91 Resp: 159416

Ion Ratio Lower Upper

91 100

106 50.0 24.8 74.4



Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 106.10 (105.80 to 106.80): V

13.66

80000

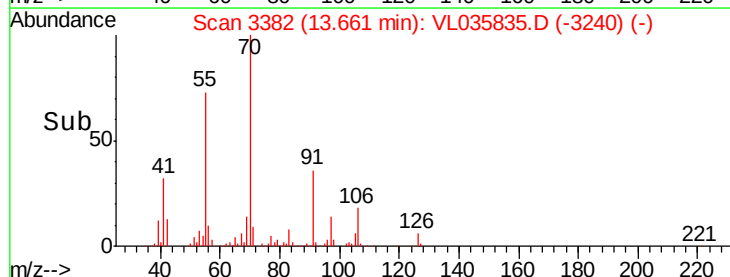
60000

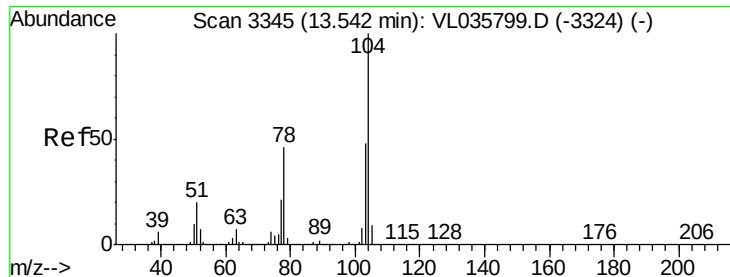
40000

20000

0

Time-->





#61

Stvrene

Concen: 0.054 ppbv

RT: 13.50 min Scan# 3332

Delta R.T. -0.04 min

Lab File: VL035835.D

Acq: 4 Nov 2020 16:11

Instrument :

MSVOA_L

ClientSampled :

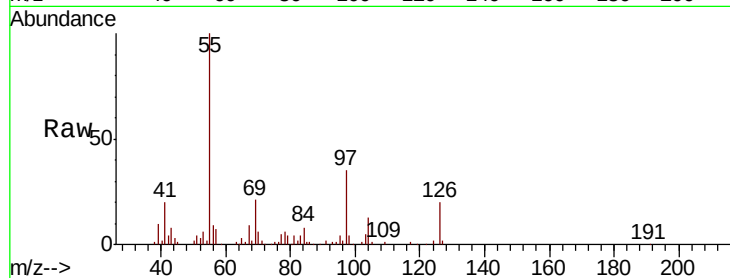
Tot Ion:104 Resp: 17319

Ion Ratio Lower Upper

104 100

78 56.3 37.1 55.7#

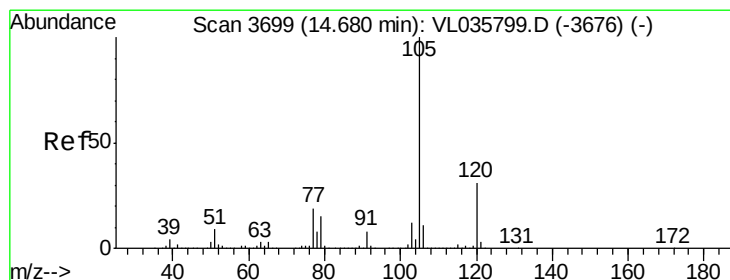
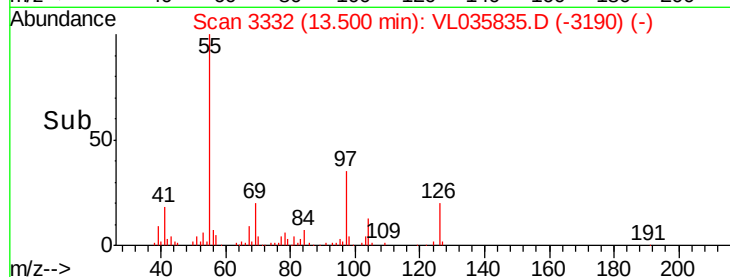
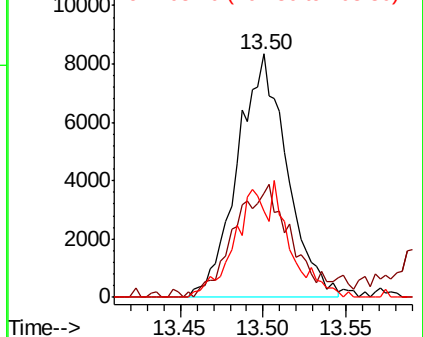
103 48.4 37.9 56.9



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



#62

Isopropylbenzene

Concen: 0.036 ppbv

RT: 14.64 min Scan# 3687

Delta R.T. -0.04 min

Lab File: VL035835.D

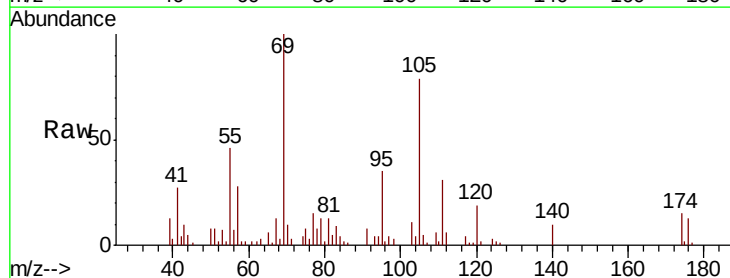
Acq: 4 Nov 2020 16:11

Tgt Ion:105 Resp: 24531

Ion Ratio Lower Upper

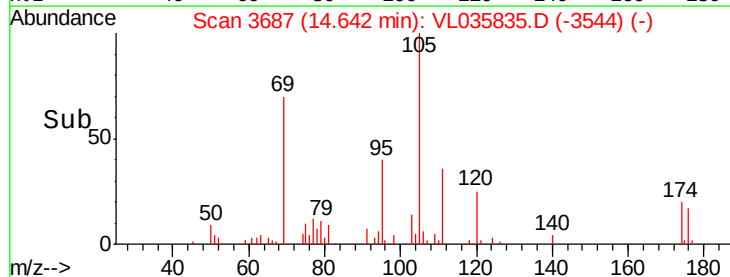
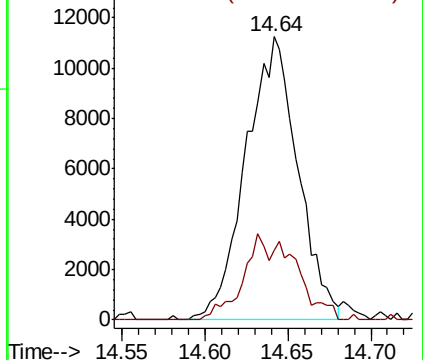
105 100

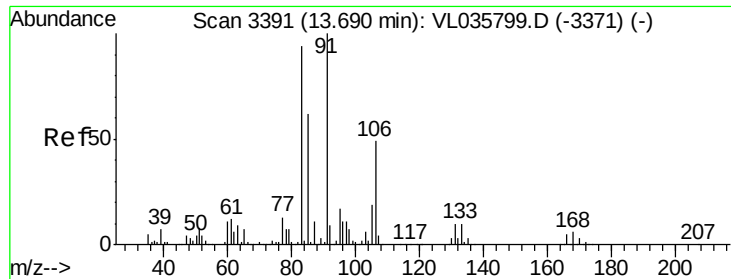
120 30.3 23.5 35.3



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V

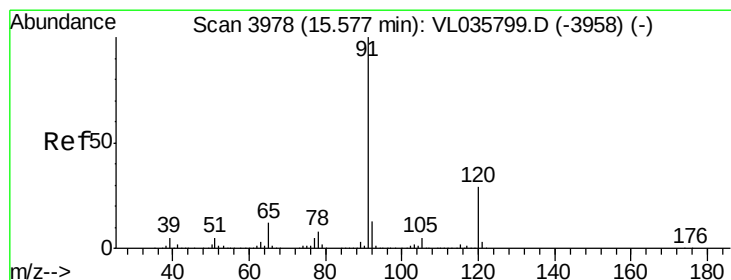
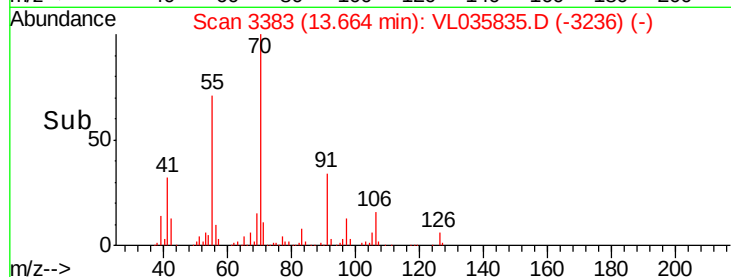
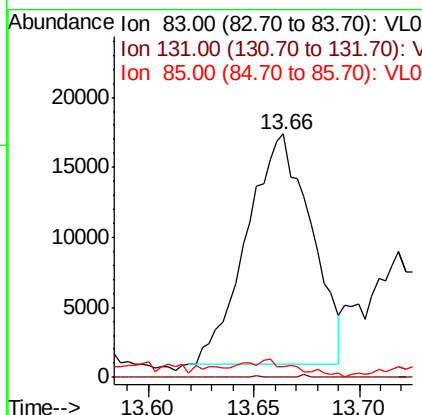
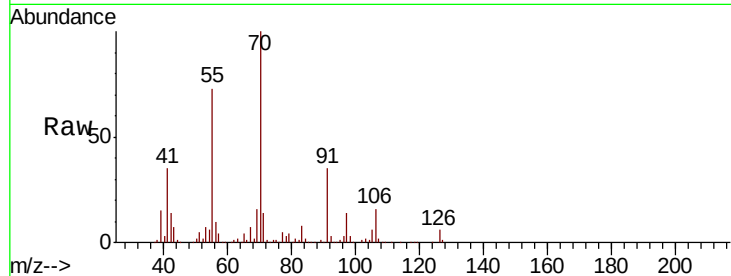




#63
 1,1,2,2-Tetrachloroethane
 Concen: 0.103 ppbv
 RT: 13.66 min Scan# 3383
 Delta R.T. -0.03 min
 Lab File: VL035835.D
 Acq: 4 Nov 2020 16:11

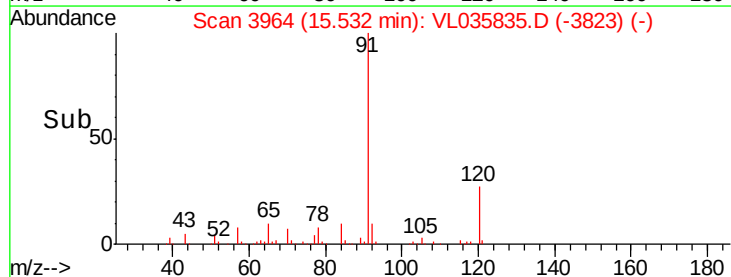
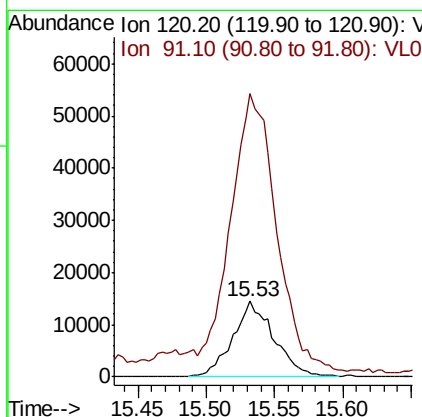
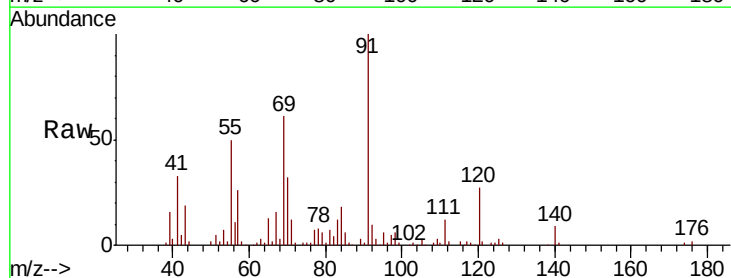
Instrument :
 MSVOA_L
 ClientSampleId :

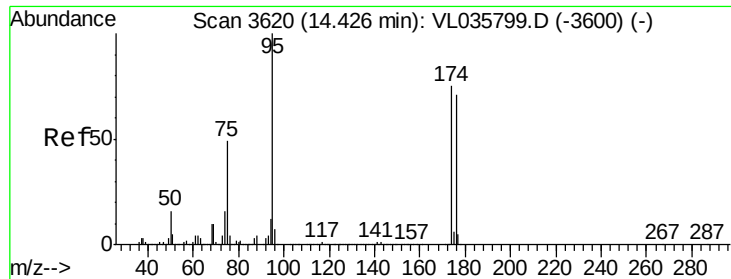
Tot Ion: 83 Resp: 34969
 Ion Ratio Lower Upper
 83 100
 131 0.0 5.3 15.8#
 85 6.5 33.5 100.4#



#64
 n-propylbenzene
 Concen: 0.153 ppbv
 RT: 15.53 min Scan# 3964
 Delta R.T. -0.05 min
 Lab File: VL035835.D
 Acq: 4 Nov 2020 16:11

Tgt Ion:120 Resp: 30363
 Ion Ratio Lower Upper
 120 100
 91 446.7 311.1 466.7

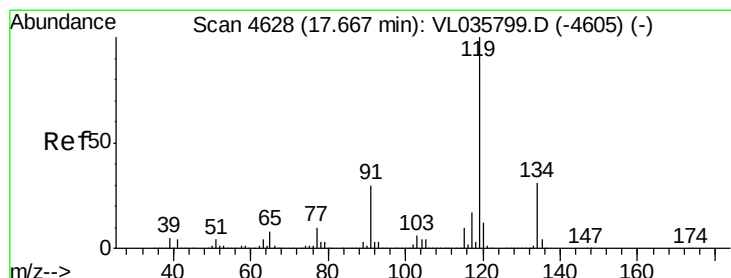
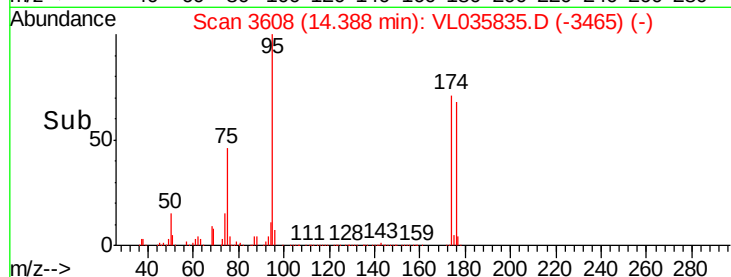
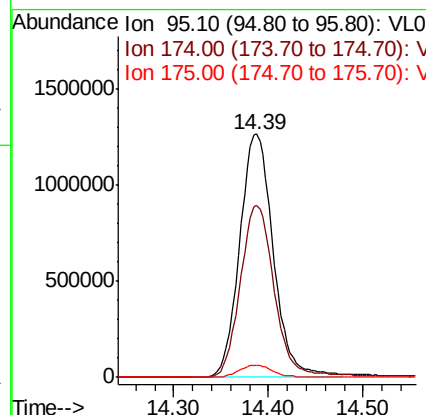
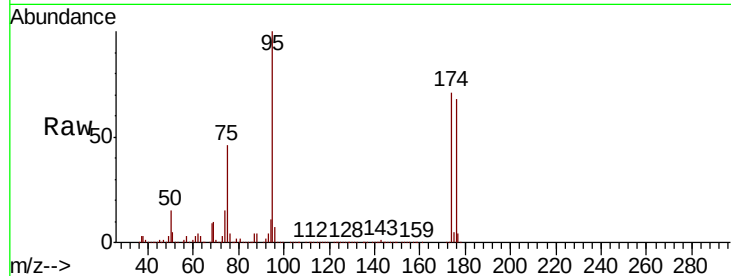




#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.062 ppbv
 RT: 14.39 min Scan# 3608
 Delta R.T. -0.04 min
 Lab File: VL035835.D
 Acq: 4 Nov 2020 16:11

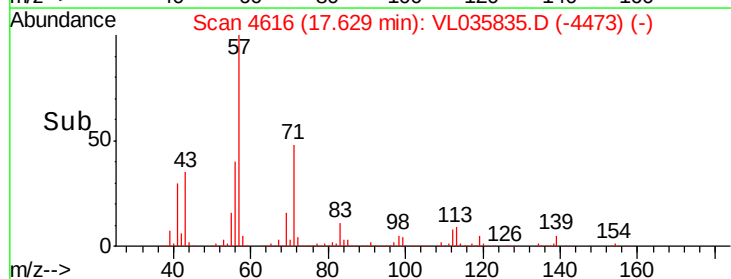
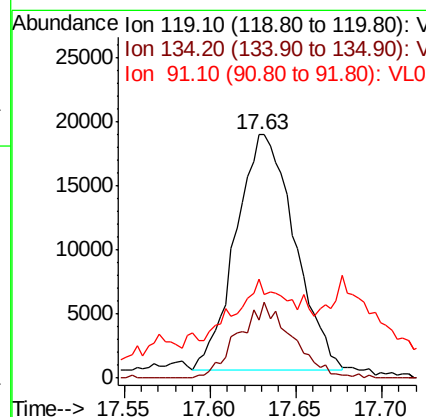
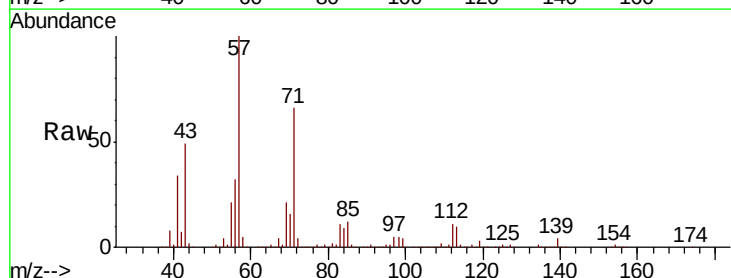
Instrument :
 MSVOA_L
 ClientSampleId :

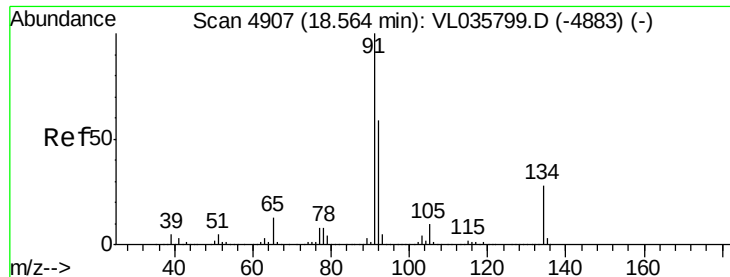
Tot Ion: 95 Resp: 3123338
 Ion Ratio Lower Upper
 95 100
 174 73.2 59.8 89.6
 175 5.2 4.3 6.5



#69
 p-Isopropyltoluene
 Concen: 0.063 ppbv
 RT: 17.63 min Scan# 4616
 Delta R.T. -0.04 min
 Lab File: VL035835.D
 Acq: 4 Nov 2020 16:11

Tgt Ion: 119 Resp: 43808
 Ion Ratio Lower Upper
 119 100
 134 29.3 23.0 34.6
 91 48.7 22.8 34.2#

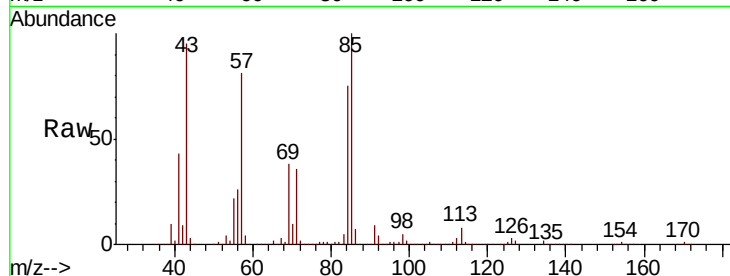




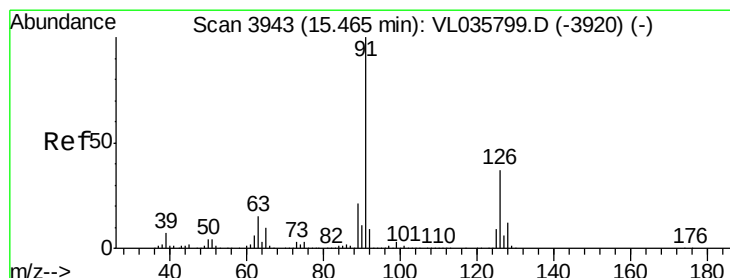
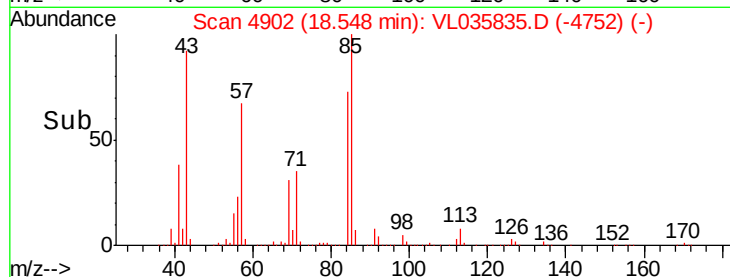
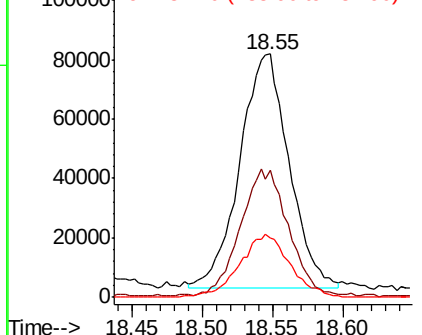
#70
n-Butylbenzene
Concen: 0.288 ppbv
RT: 18.55 min Scan# 4902
Delta R.T. -0.02 min
Lab File: VL035835.D
Acq: 4 Nov 2020 16:11

Instrument :
MSVOA_L
ClientSampleId :

Tot Ion: 91 Resp: 193297
Ion Ratio Lower Upper
91 100
92 53.7 45.7 68.5
134 27.5 21.0 31.4

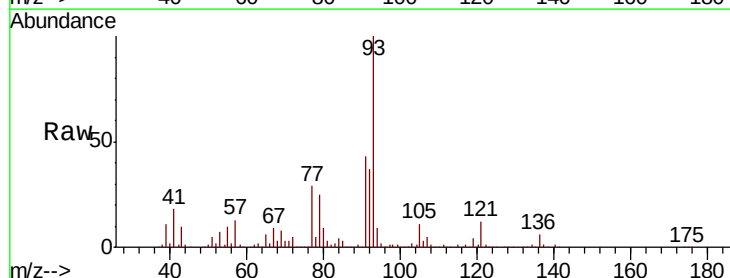


Abundance Ion 91.10 (90.80 to 91.80): VL0
Ion 92.10 (91.80 to 92.80): VL0
Ion 134.20 (133.90 to 134.90): V

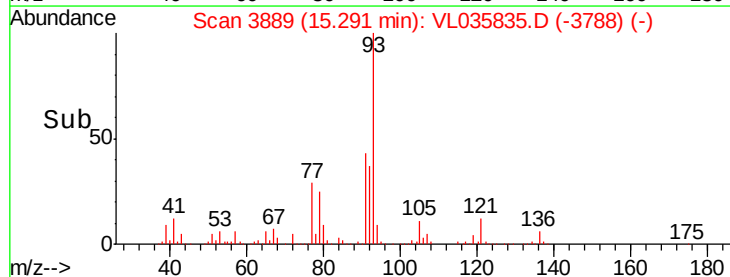
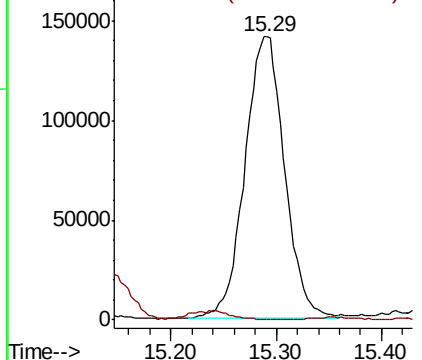


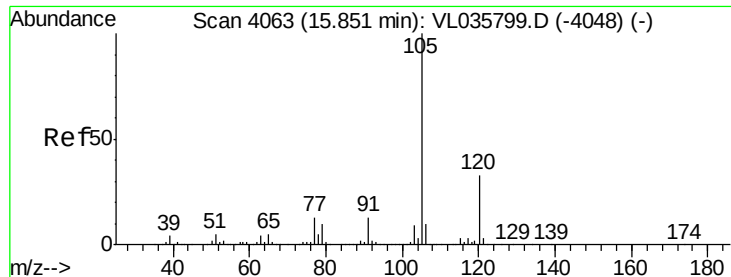
#71
2-Chlorotoluene
Concen: 0.728 ppbv
RT: 15.29 min Scan# 3889
Delta R.T. -0.17 min
Lab File: VL035835.D
Acq: 4 Nov 2020 16:11

Tgt Ion: 91 Resp: 366450
Ion Ratio Lower Upper
91 100
126 3.5 14.3 57.1#



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





#72

4-Ethyltoluene

Concen: 0.060 ppbv

RT: 15.81 min Scan# 4050

Delta R.T. -0.04 min

Lab File: VL035835.D

Acq: 4 Nov 2020 16:11

Instrument :

MSVOA_L

ClientSampleId :

Tot Ion:105 Resp: 31834

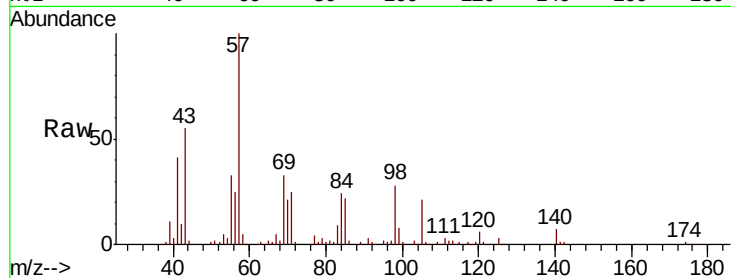
Ion Ratio Lower Upper

105 100

120 68.6 25.9 38.9#

91 22.2 9.9 14.9#

77 0.0 10.2 15.2#

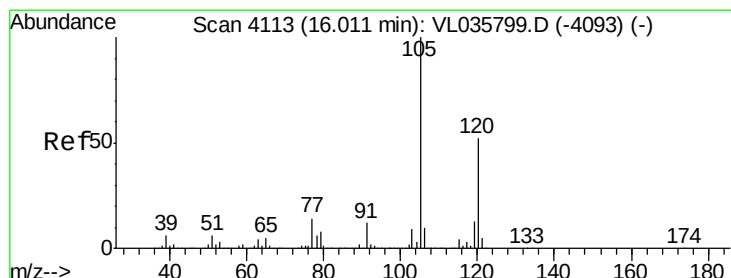
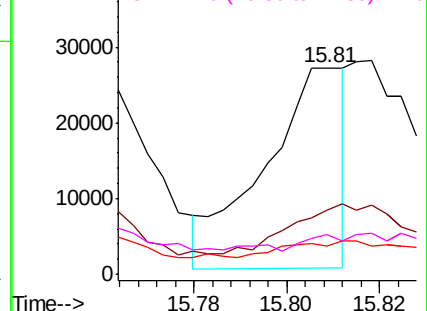
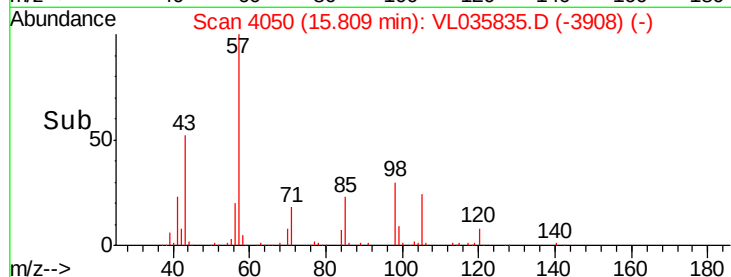


Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V

Ion 91.10 (90.80 to 91.80): VL0

Ion 77.10 (76.80 to 77.80): VL0



#73

1,3,5-Trimethylbenzene

Concen: 0.074 ppbv

RT: 15.97 min Scan# 4101

Delta R.T. -0.04 min

Lab File: VL035835.D

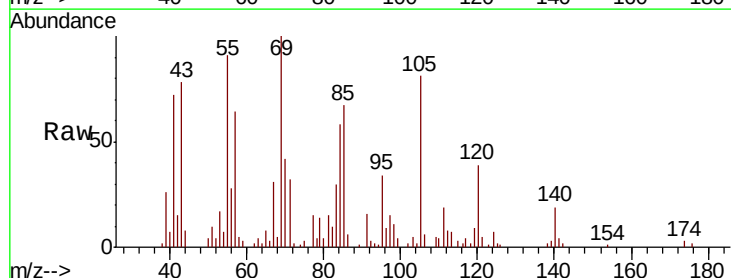
Acq: 4 Nov 2020 16:11

Tgt Ion:105 Resp: 35910

Ion Ratio Lower Upper

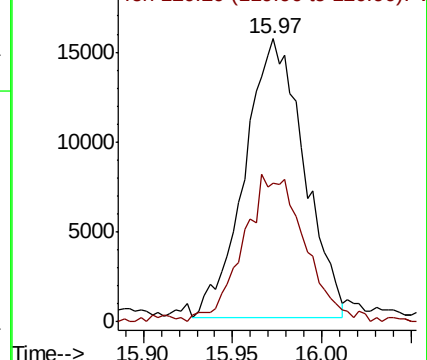
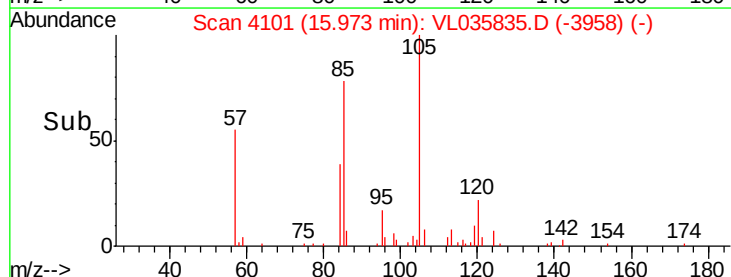
105 100

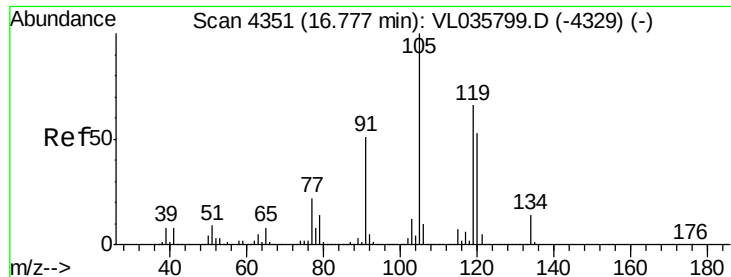
120 47.3 41.4 62.2



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: 0.153 ppbv

RT: 16.73 min Scan# 4338

Delta R.T. -0.04 min

Lab File: VL035835.D

Acq: 4 Nov 2020 16:11

Instrument :

MSVOA_L

ClientSampleId :

Tot Ion:	105	Resp:	79476
Ion	Ratio	Lower	Upper
105	100		
120	43.2	42.0	63.0
91	6.8	41.0	61.6#
77	2.7	17.3	25.9#

