

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL110420\
 Data File : VL035833.D
 Acq On : 4 Nov 2020 14:53
 Operator : SY/AP
 Sample : L4610-01 2X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Nov 05 02:55:06 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	1096502	10.00	ppbv	-0.03
33) 1,4-Difluorobenzene	7.14	114	4836465	10.00	ppbv	-0.04
55) Chlorobenzene-d5	12.06	117	4439440	10.00	ppbv	-0.04

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.39	95	3181405	10.09	ppbv	-0.04
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.90%

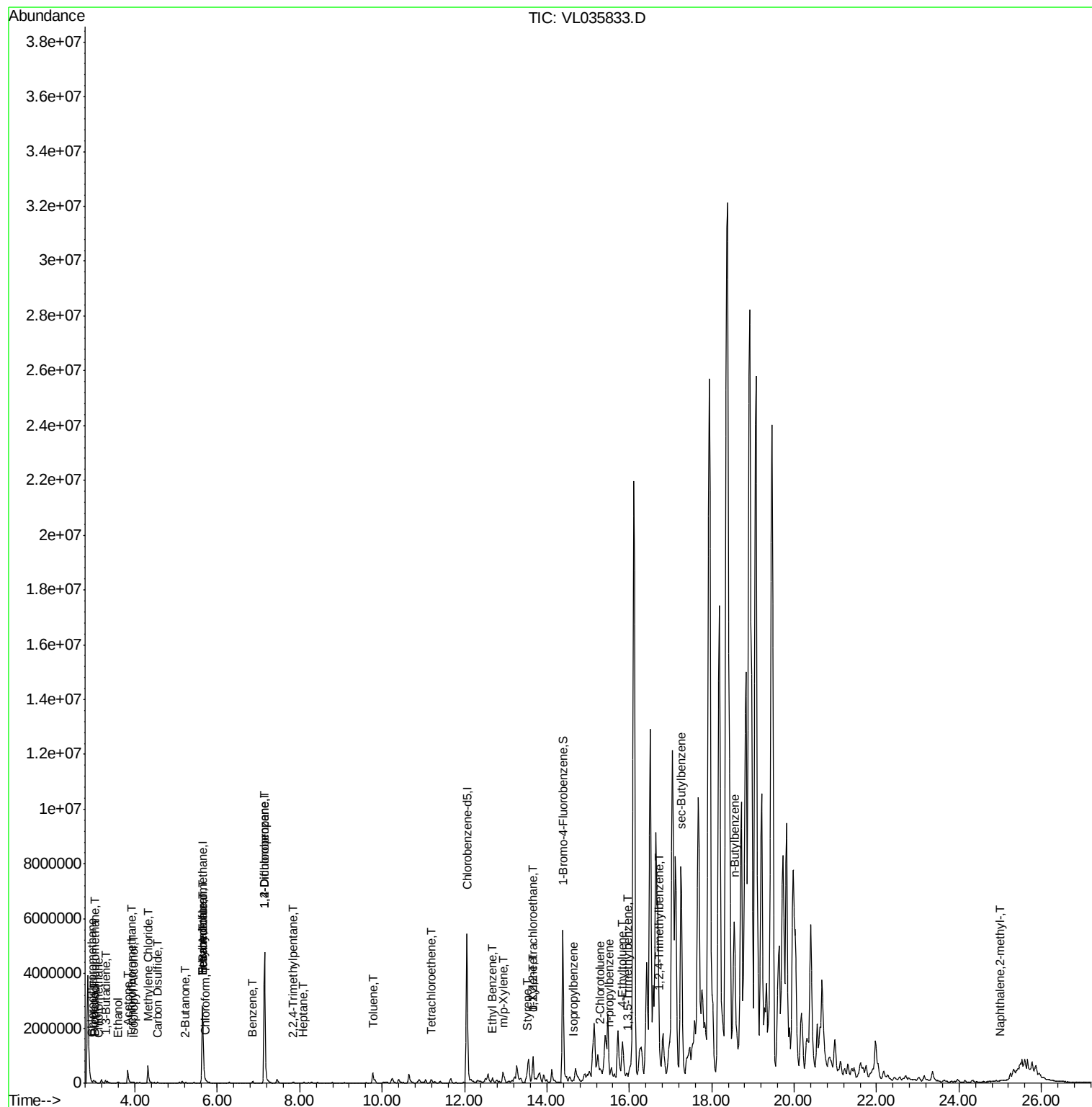
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.02	85	50714	0.246	ppbv	92
3) Chlorodifluoromethane	2.96	51	27962	0.213	ppbv #	87
4) Chloromethane	3.12	50	10350	0.162	ppbv #	82
9) Propene	2.99	41	31091	0.647	ppbv	93
10) Heptane	8.09	43	10188	0.077	ppbv #	47
11) Trichlorofluoromethane	3.92	101	28896	0.111	ppbv	97
13) Ethanol	3.59	45	45751	4.388	ppbv	86
15) Acetone	3.83	43	542133	4.625	ppbv	94
16) 1,3-Butadiene	3.29	39	30796	0.610	ppbv #	14
19) Isopropyl Alcohol	3.96	45	5135	0.071	ppbv #	90
20) Methylene Chloride	4.32	84	341328	4.136	ppbv	99
25) Ethyl Acetate	5.66	43	144622	0.626	ppbv #	73
26) Hexane	5.66	57	269608	2.117	ppbv #	45
27) Carbon Disulfide	4.53	76	10261	0.054	ppbv #	63
29) Chloroform	5.73	83	18795	0.075	ppbv #	78
34) 2-Butanone	5.23	43	37910	0.242	ppbv #	73
36) Benzene	6.86	78	58223	0.162	ppbv	97
39) 1,2-Dichloropropane	7.14	63	891837	7.367	ppbv #	30
41) Tetrahydrofuran	5.66	42	74159	0.832	ppbv #	41
44) 2,2,4-Trimethylpentane	7.84	57	21815	0.046	ppbv #	78
52) Tetrachloroethene	11.19	164	42057	0.247	ppbv	92
53) Toluene	9.77	91	358273	0.826	ppbv	97
58) Ethyl Benzene	12.68	91	170738	0.316	ppbv	96
59) m/p-Xylene	12.94	91	409860	0.896	ppbv	97
60) o-Xylene	13.66	91	164106	0.369	ppbv	98
61) Styrene	13.50	104	12414	0.038	ppbv #	64
62) Isopropylbenzene	14.64	105	21405	0.031	ppbv	98
63) 1,1,2,2-Tetrachloroethane	13.65	83	13941	0.040	ppbv #	38
64) n-propylbenzene	15.52	120	9625	0.048	ppbv #	1
67) sec-Butylbenzene	17.27	105	26586	0.031	ppbv	94
70) n-Butylbenzene	18.54	91	102307	0.150	ppbv #	31
71) 2-Chlorotoluene	15.29	91	58473	0.114	ppbv	78
72) 4-Ethyltoluene	15.81	105	65737	0.122	ppbv #	92
73) 1,3,5-Trimethylbenzene	15.97	105	18111	0.037	ppbv	90
74) 1,2,4-Trimethylbenzene	16.74	105	133777	0.253	ppbv #	69
80) Naphthalene,2-methyl-	24.99	142	2248	0.037	ppbv #	67

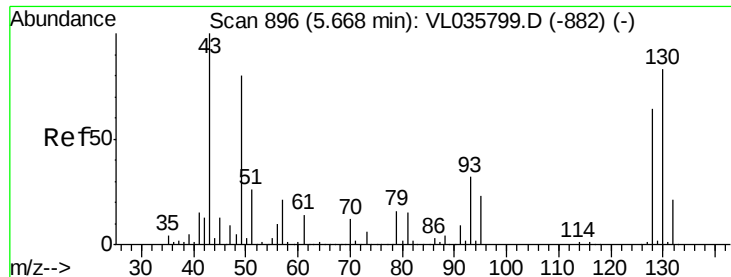
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL110420\
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ClientSampleId :

Quant Time: Nov 05 02:55:06 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL110320AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Nov 04 02:40:06 2020
QLast Update : Wed Nov 04 02:40:06 2020
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.64 min Scan# 886

Delta R.T. -0.03 min

Lab File: VL035833.D

Acq: 4 Nov 2020 14:53

Instrument :

MSVOA_L

ClientSampleId :

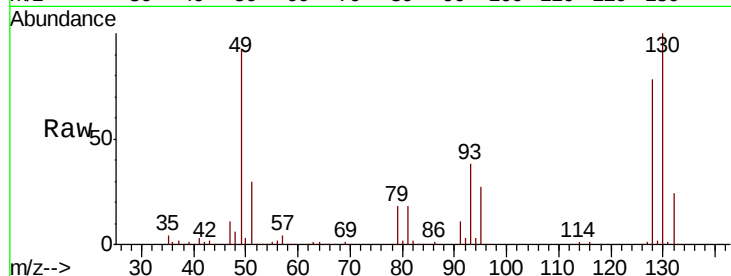
Tot Ion: 49 Resp: 1096502

Ion Ratio Lower Upper

49 100

128 90.7 41.5 124.6

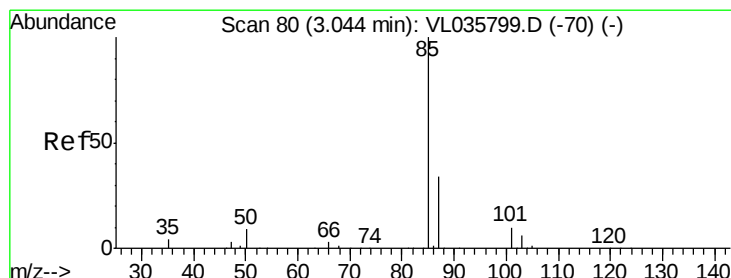
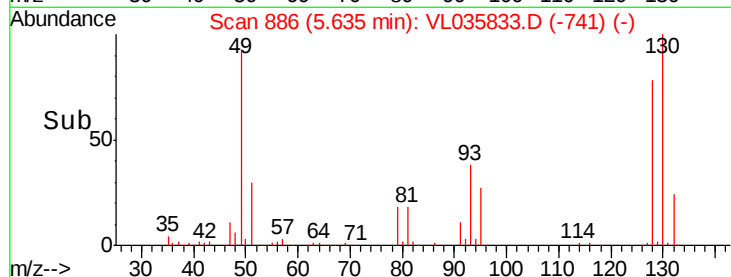
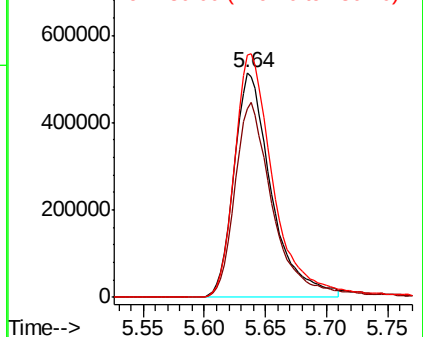
130 115.4 53.7 161.1



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: 0.246 ppbv

RT: 3.02 min Scan# 74

Delta R.T. -0.02 min

Lab File: VL035833.D

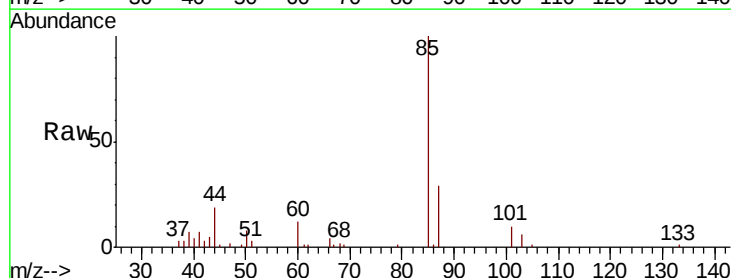
Acq: 4 Nov 2020 14:53

Tgt Ion: 85 Resp: 50714

Ion Ratio Lower Upper

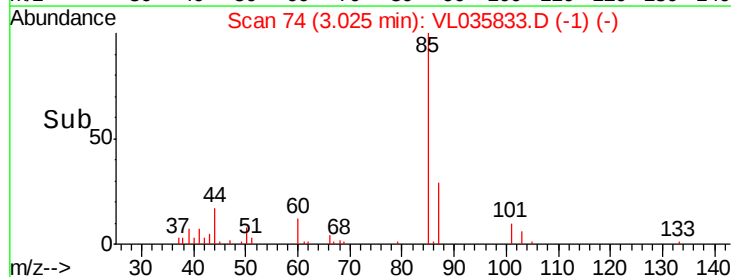
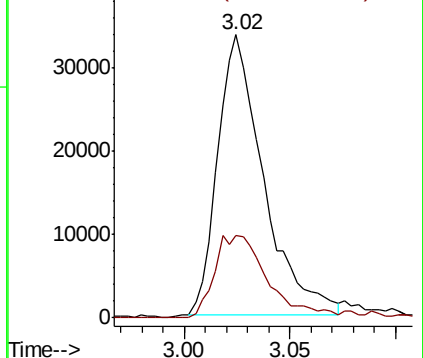
85 100

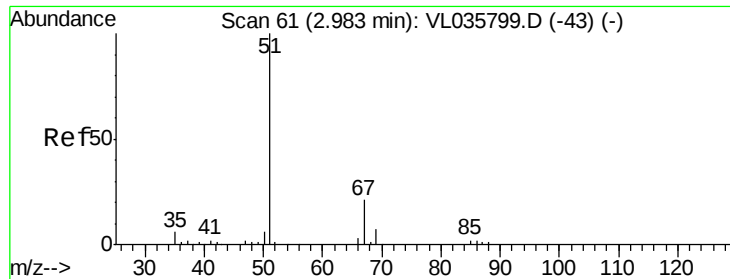
87 29.4 27.1 40.7



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0





#3

Chlorodifluoromethane

Concen: 0.213 ppbv

RT: 2.96 min Scan# 55

Delta R.T. -0.02 min

Lab File: VL035833.D

Acq: 4 Nov 2020 14:53

Instrument :

MSVOA_L

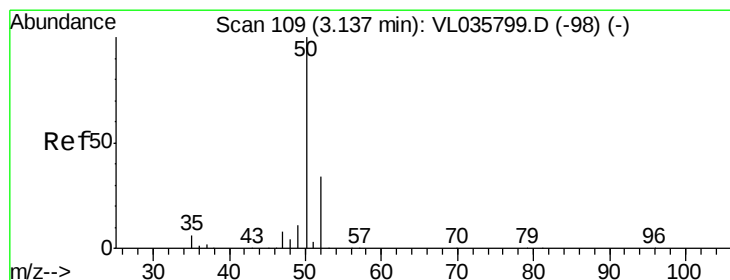
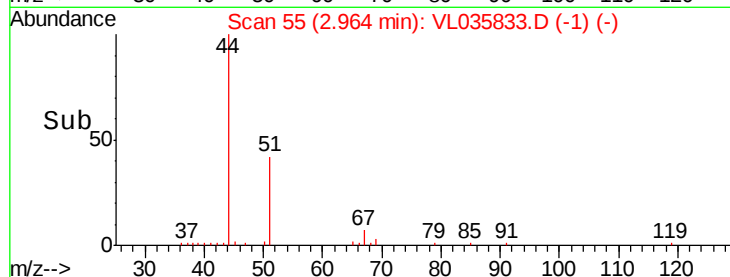
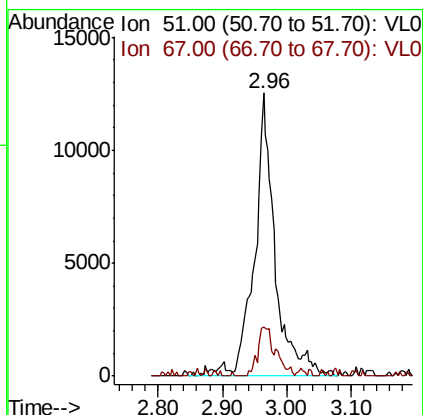
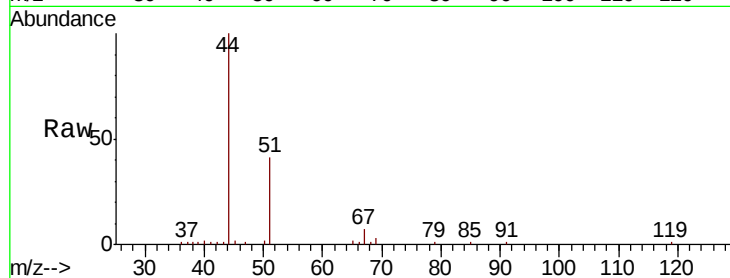
ClientSampleId :

Tot Ion: 51 Resp: 27962

Ion Ratio Lower Upper

51 100

67 15.0 17.0 25.4#



#4

Chloromethane

Concen: 0.162 ppbv

RT: 3.12 min Scan# 103

Delta R.T. -0.02 min

Lab File: VL035833.D

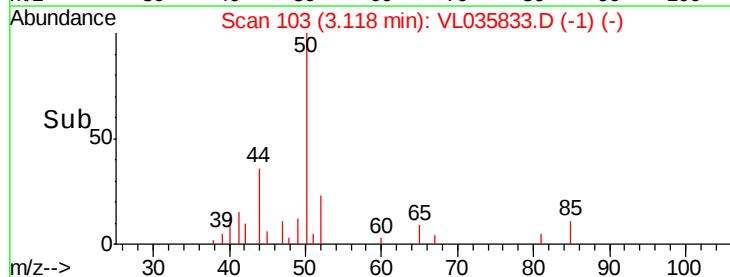
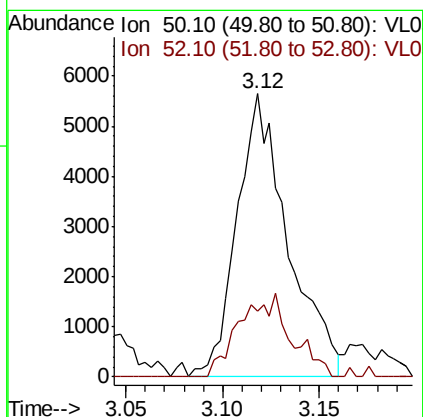
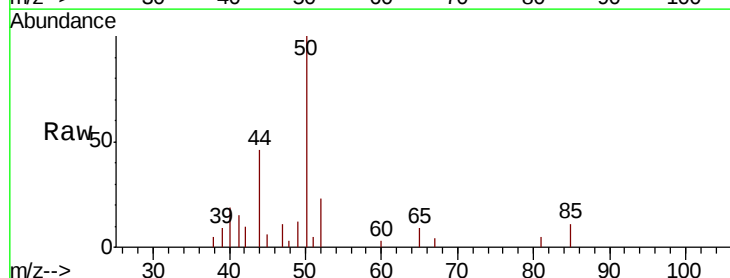
Acq: 4 Nov 2020 14:53

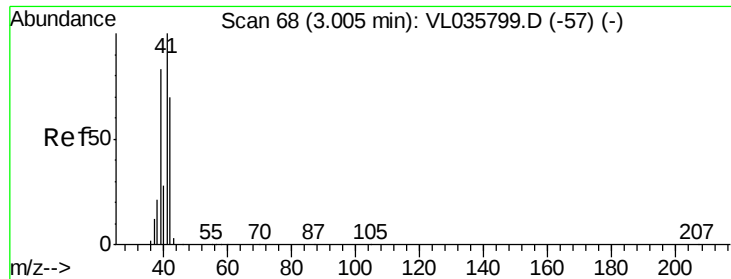
Tgt Ion: 50 Resp: 10350

Ion Ratio Lower Upper

50 100

52 23.5 27.1 40.7#





#9

Propene

Concen: 0.647 ppbv

RT: 2.99 min Scan# 64

Delta R.T. -0.01 min

Lab File: VL035833.D

Acq: 4 Nov 2020 14:53

Instrument :

MSVOA_L

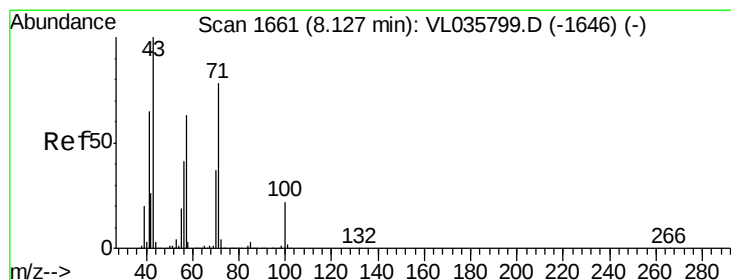
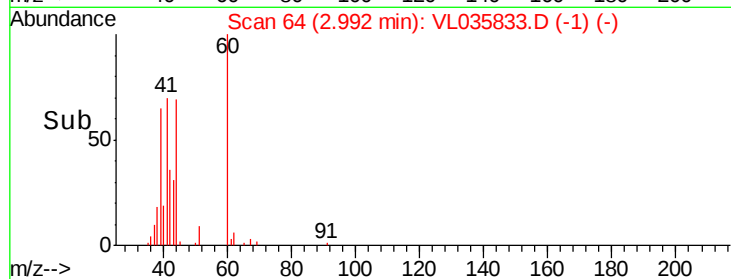
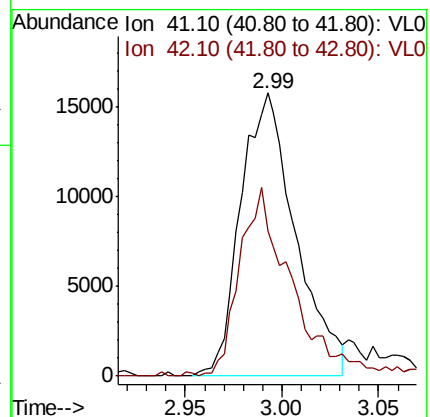
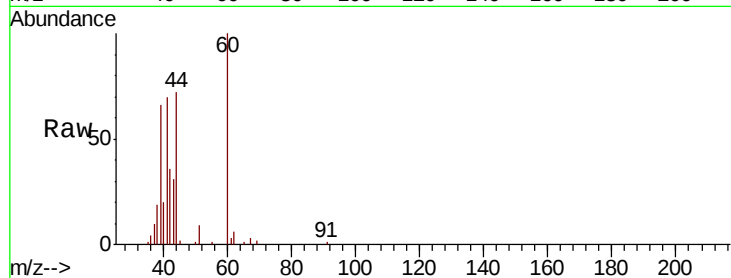
ClientSampleId :

Tot Ion: 41 Resp: 31091

Ion Ratio Lower Upper

41 100

42 64.8 56.2 84.4



#10

Heptane

Concen: 0.077 ppbv

RT: 8.09 min Scan# 1650

Delta R.T. -0.04 min

Lab File: VL035833.D

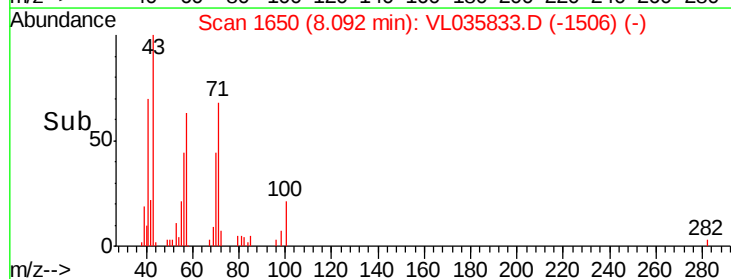
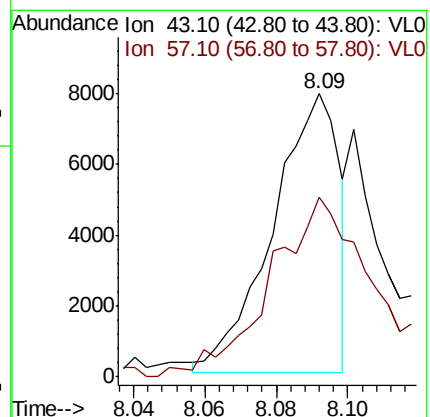
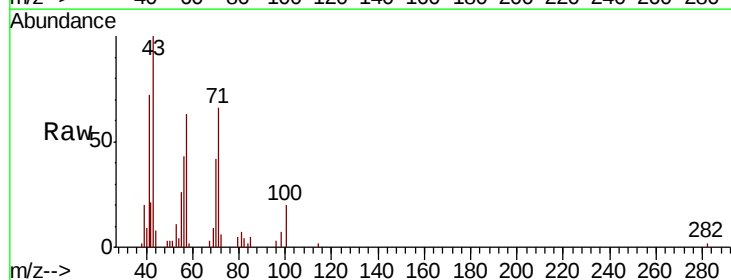
Acq: 4 Nov 2020 14:53

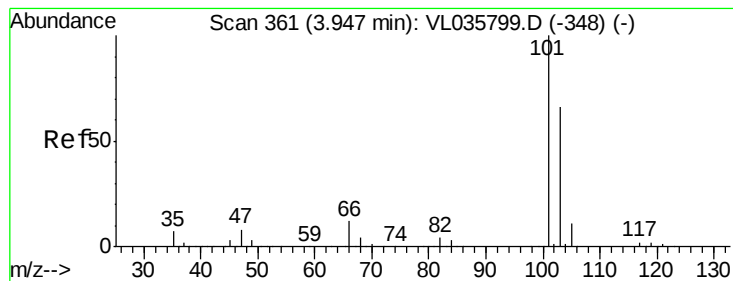
Tgt Ion: 43 Resp: 10188

Ion Ratio Lower Upper

43 100

57 103.1 50.0 75.0#





#11

Trichlorofluoromethane

Concen: 0.111 ppbv

RT: 3.92 min Scan# 353

Delta R.T. -0.03 min

Lab File: VL035833.D

Acq: 4 Nov 2020 14:53

Instrument :

MSVOA_L

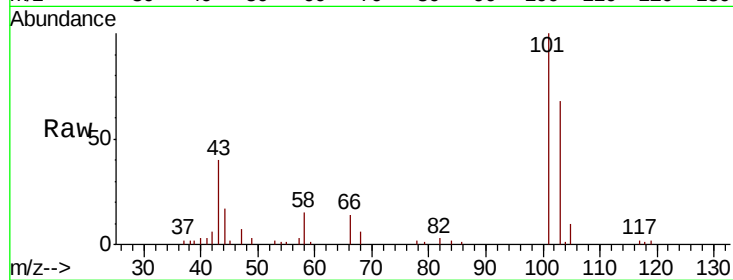
ClientSampleId :

Tot Ion:101 Resp: 28896

Ion Ratio Lower Upper

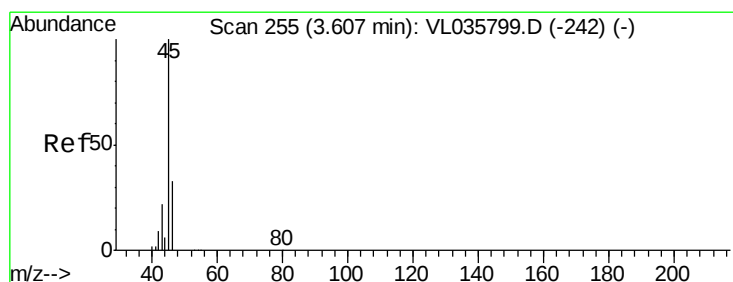
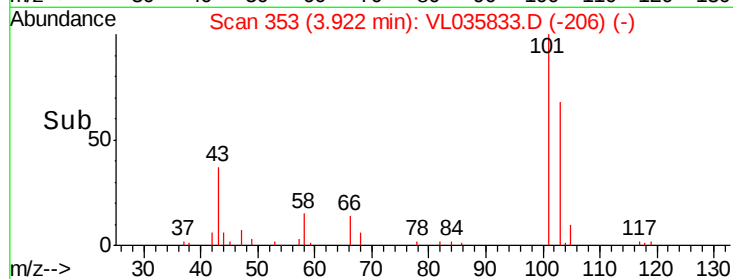
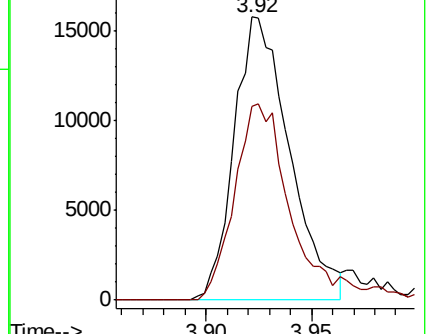
101 100

103 68.3 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: 4.388 ppbv

RT: 3.59 min Scan# 249

Delta R.T. -0.02 min

Lab File: VL035833.D

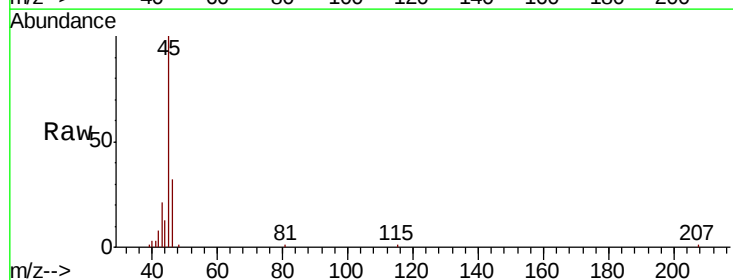
Acq: 4 Nov 2020 14:53

Tgt Ion: 45 Resp: 45751

Ion Ratio Lower Upper

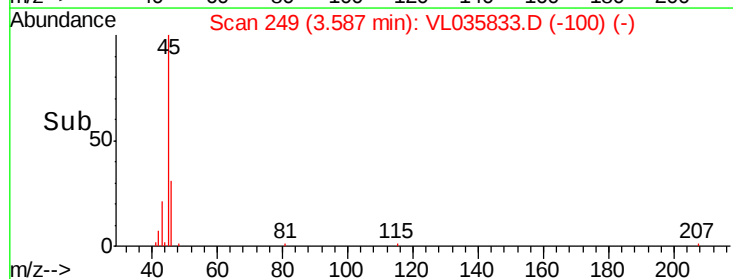
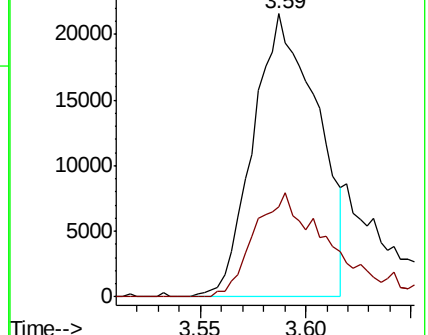
45 100

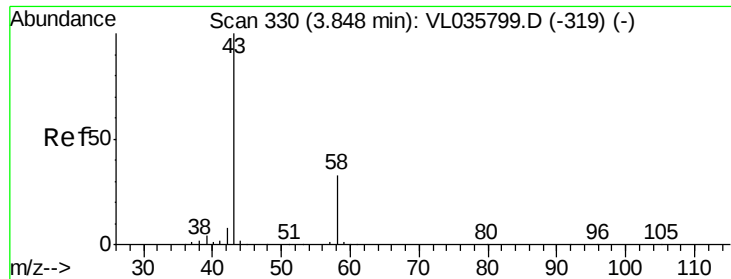
46 49.1 16.1 64.5



Abundance Ion 45.10 (44.80 to 45.80): VL0

Ion 46.10 (45.80 to 46.80): VL0





#15

Acetone

Concen: 4.625 ppbv

RT: 3.83 min Scan# 323

Delta R.T. -0.02 min

Lab File: VL035833.D

Acq: 4 Nov 2020 14:53

Instrument :

MSVOA_L

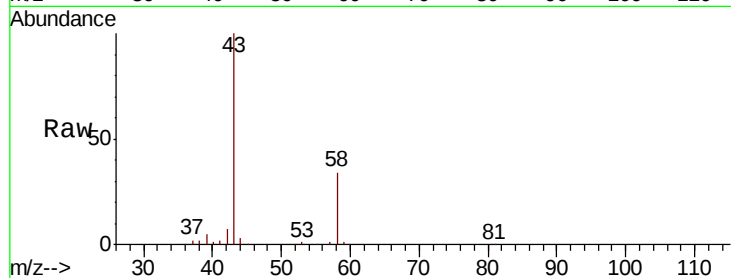
ClientSampled :

Tot Ion: 43 Resp: 542133

Ion Ratio Lower Upper

43 100

58 37.9 27.5 41.3



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

3.83

300000

250000

200000

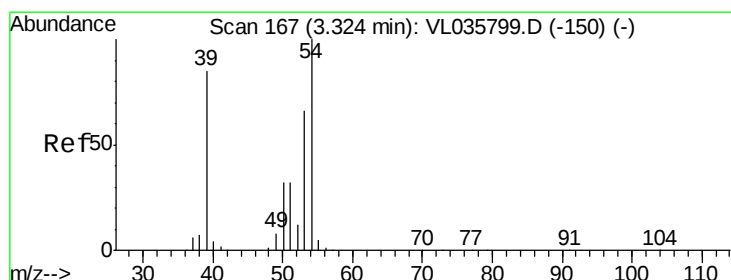
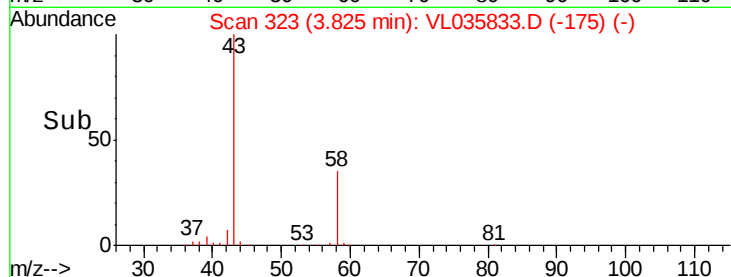
150000

100000

50000

0

Time-->



#16

1,3-Butadiene

Concen: 0.610 ppbv

RT: 3.29 min Scan# 155

Delta R.T. -0.04 min

Lab File: VL035833.D

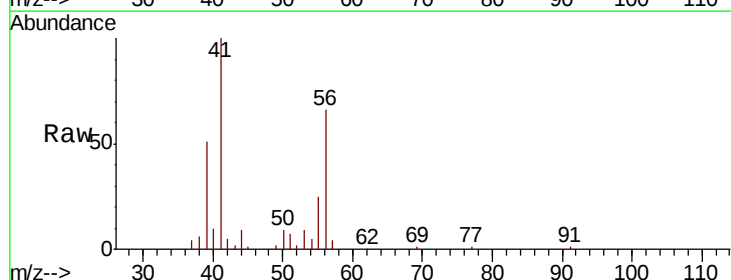
Acq: 4 Nov 2020 14:53

Tgt Ion: 39 Resp: 30796

Ion Ratio Lower Upper

39 100

54 18.4 87.1 130.7#



Abundance Ion 39.10 (38.80 to 39.80): VL0

Ion 54.10 (53.80 to 54.80): VL0

3.29

20000

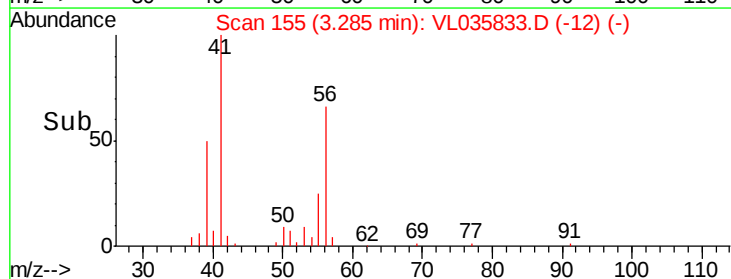
15000

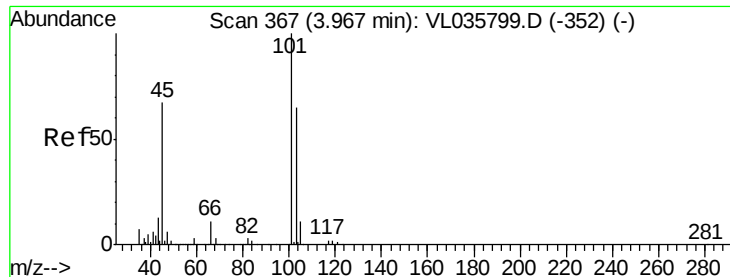
10000

5000

0

Time-->





#19

Isopropyl Alcohol

Concen: 0.071 ppbv

RT: 3.96 min Scan# 366

Delta R.T. -0.00 min

Lab File: VL035833.D

Acq: 4 Nov 2020 14:53

Instrument :

MSVOA_L

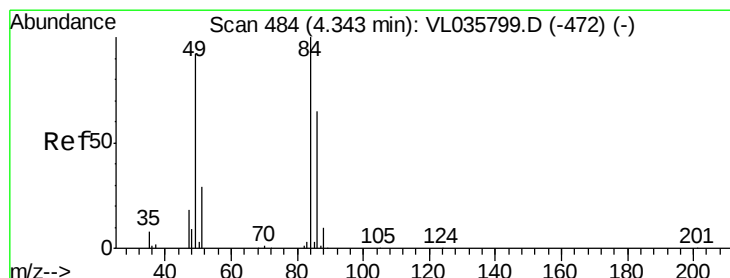
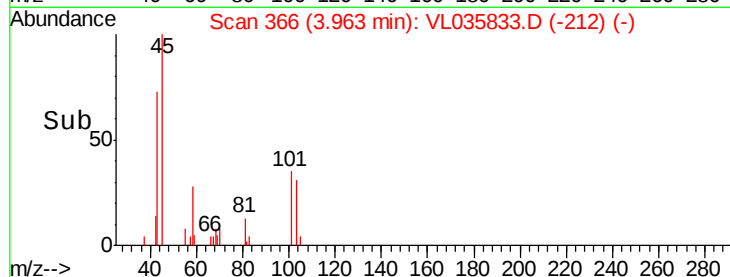
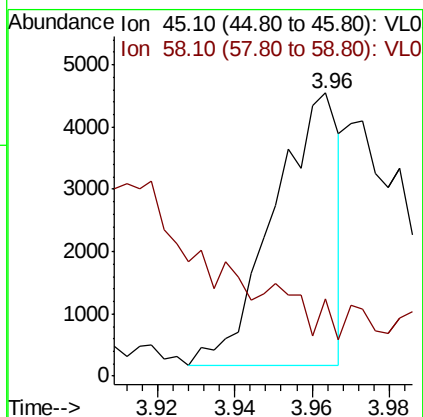
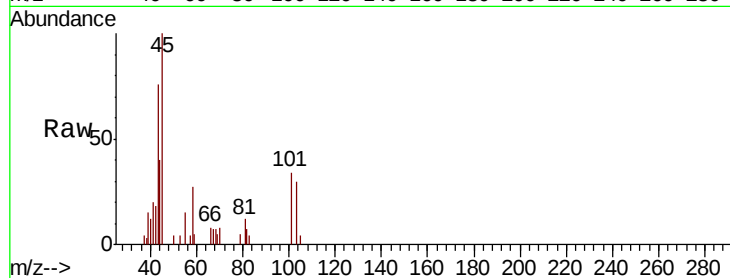
ClientSampleId :

Tot Ion: 45 Resp: 5135

Ion Ratio Lower Upper

45 100

58 0.0 2.6 3.8#



#20

Methylene Chloride

Concen: 4.136 ppbv

RT: 4.32 min Scan# 476

Delta R.T. -0.03 min

Lab File: VL035833.D

Acq: 4 Nov 2020 14:53

Tgt Ion: 84 Resp: 341328

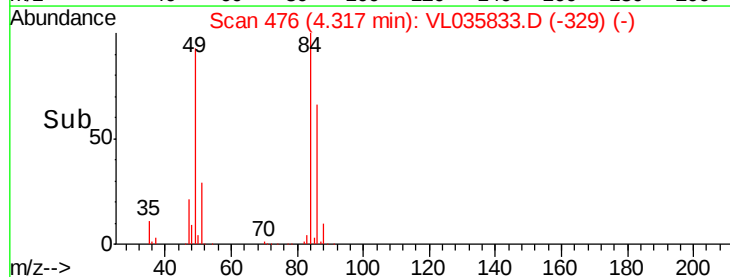
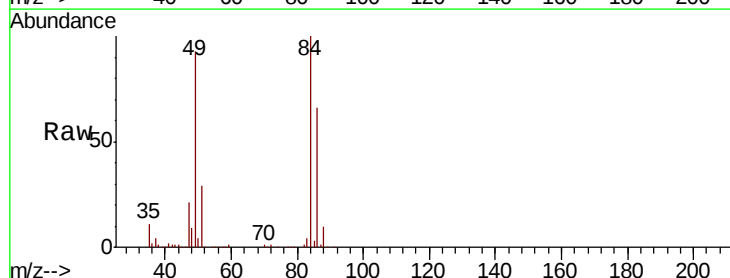
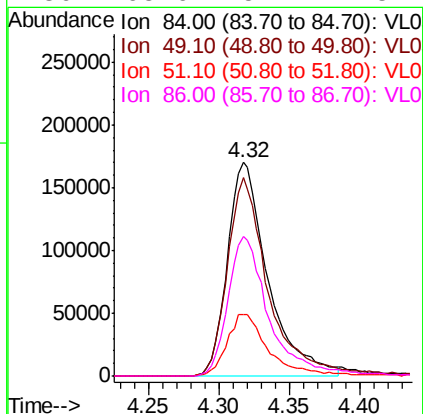
Ion Ratio Lower Upper

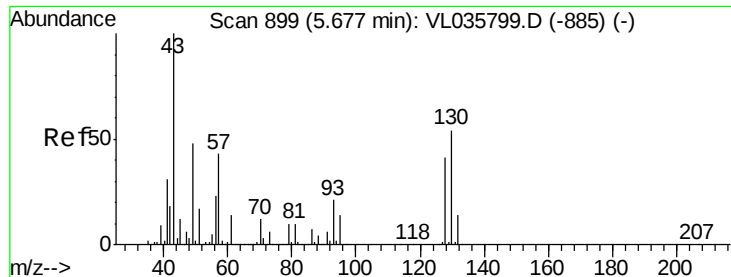
84 100

49 93.0 73.8 110.8

51 28.9 23.0 34.4

86 65.6 52.1 78.1

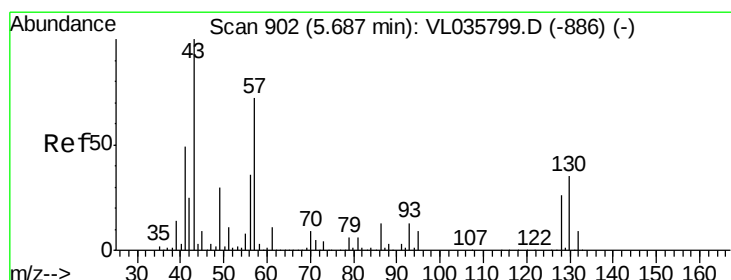
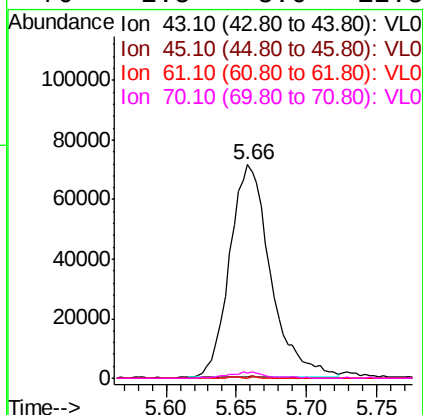
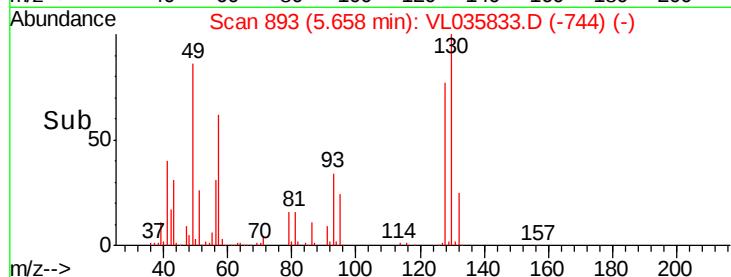
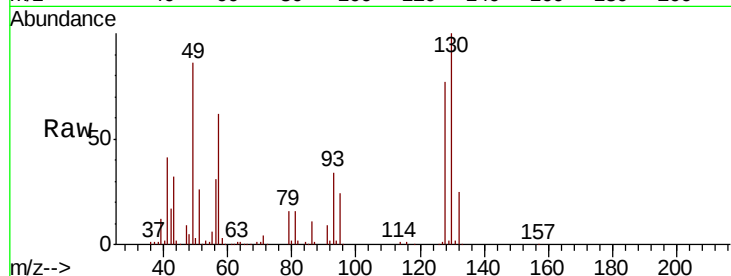




#25
Ethyl Acetate
Concen: 0.626 ppbv
RT: 5.66 min Scan# 893
Delta R.T. -0.02 min
Lab File: VL035833.D
Acq: 4 Nov 2020 14:53

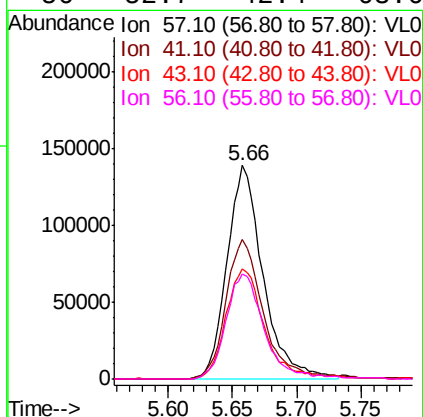
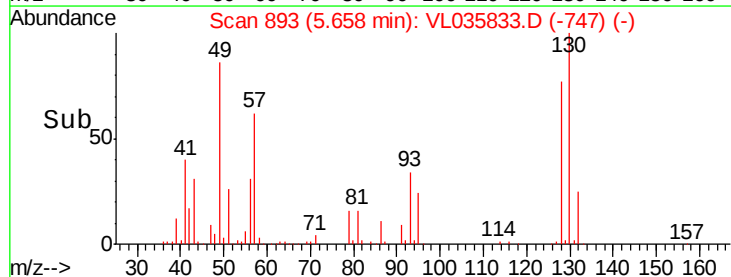
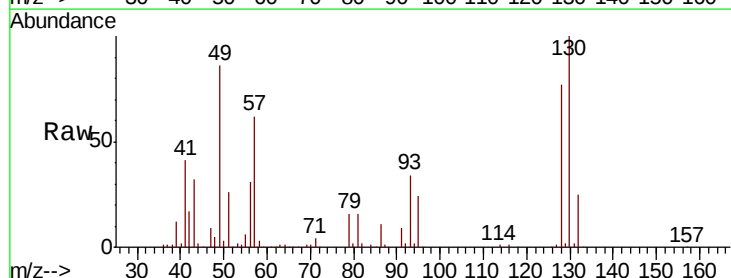
Instrument :
MSVOA_L
ClientSampled :

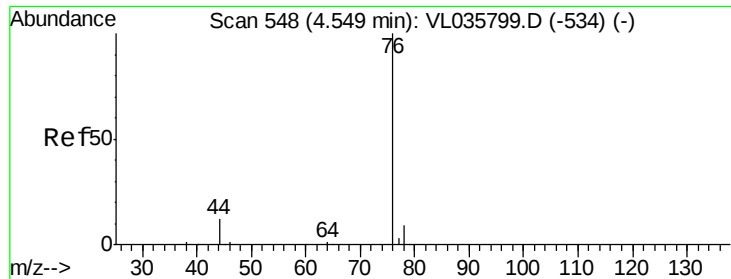
Tot Ion: 43 Resp: 144622
Ion Ratio Lower Upper
43 100
45 0.9 8.5 12.7#
61 0.3 10.7 16.1#
70 2.5 8.6 12.8#



#26
Hexane
Concen: 2.117 ppbv
RT: 5.66 min Scan# 893
Delta R.T. -0.03 min
Lab File: VL035833.D
Acq: 4 Nov 2020 14:53

Tgt Ion: 57 Resp: 269608
Ion Ratio Lower Upper
57 100
41 68.7 58.9 88.3
43 56.0 150.2 225.2#
56 52.7 42.4 63.6

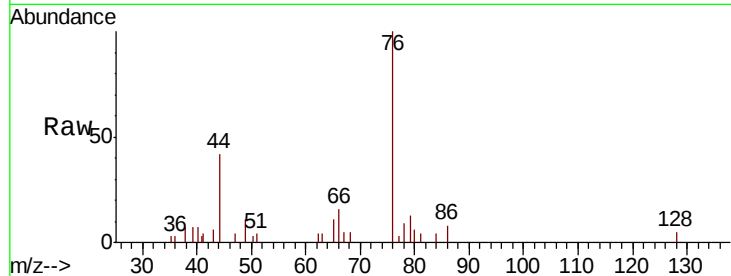




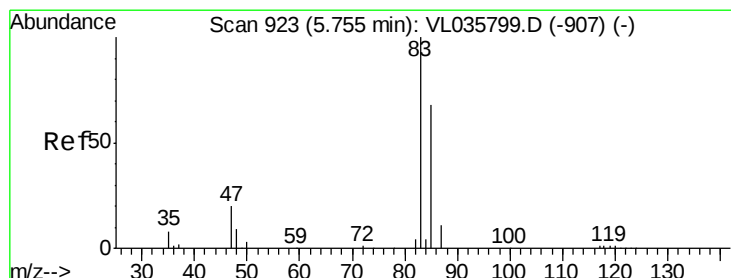
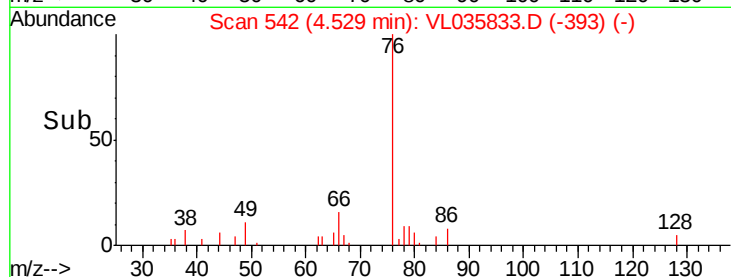
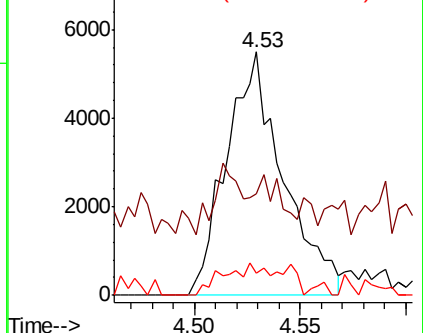
#27
Carbon Disulfide
Concen: 0.054 ppbv
RT: 4.53 min Scan# 542
Delta R.T. -0.02 min
Lab File: VL035833.D
Acq: 4 Nov 2020 14:53

Instrument :
MSVOA_L
ClientSampleId :

Tot Ion: 76 Resp: 10261
Ion Ratio Lower Upper
76 100
44 34.4 9.9 14.9#
78 15.0 8.1 12.1#

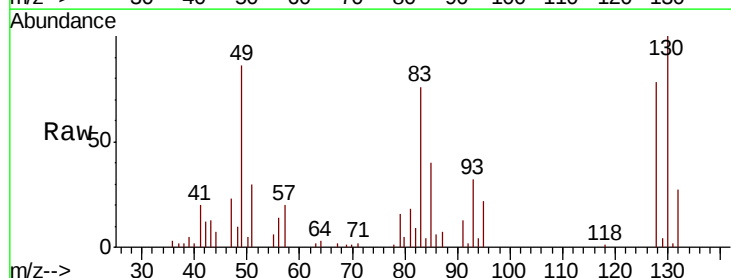


Abundance Ion 76.00 (75.70 to 76.70): VL0
Ion 44.10 (43.80 to 44.80): VL0
Ion 78.00 (77.70 to 78.70): VL0

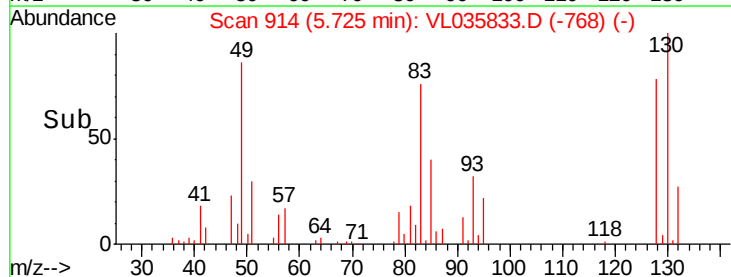
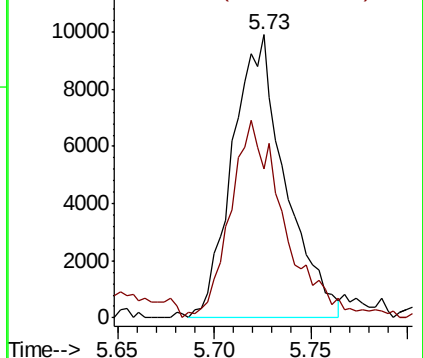


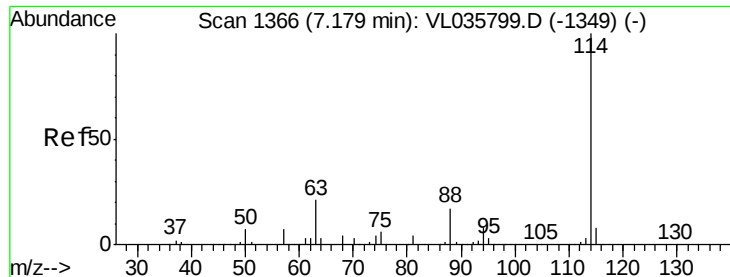
#29
Chloroform
Concen: 0.075 ppbv
RT: 5.73 min Scan# 914
Delta R.T. -0.03 min
Lab File: VL035833.D
Acq: 4 Nov 2020 14:53

Tgt Ion: 83 Resp: 18795
Ion Ratio Lower Upper
83 100
85 50.3 54.6 81.8#



Abundance Ion 83.00 (82.70 to 83.70): VL0
Ion 85.00 (84.70 to 85.70): VL0

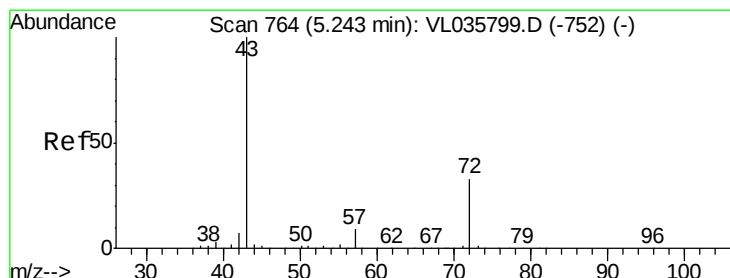
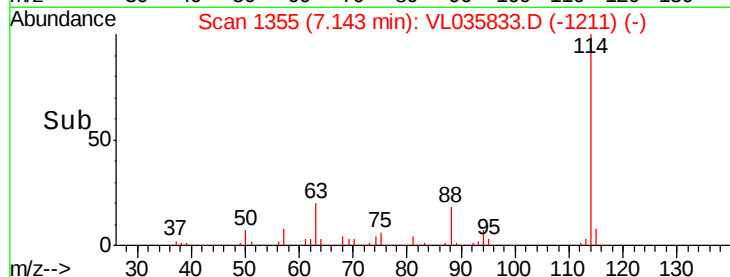
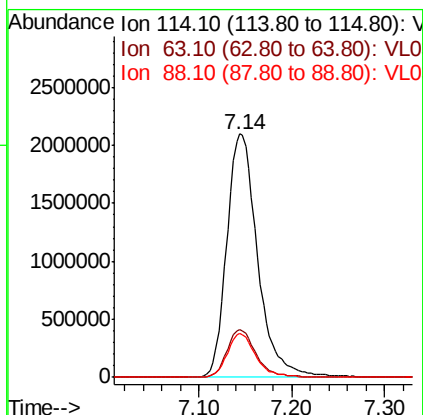
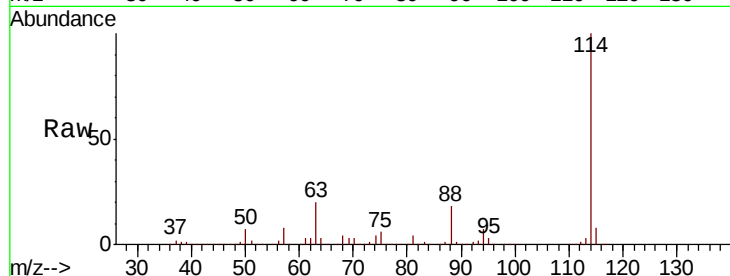




#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.14 min Scan# 1355
 Delta R.T. -0.04 min
 Lab File: VL035833.D
 Acq: 4 Nov 2020 14:53

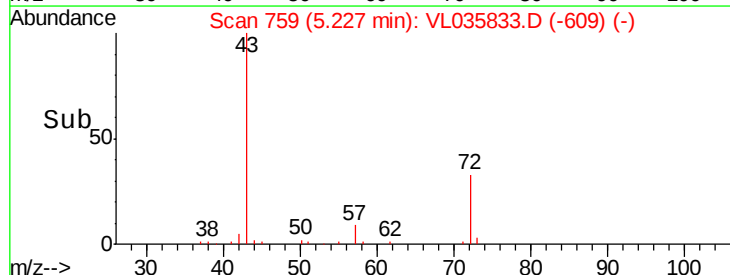
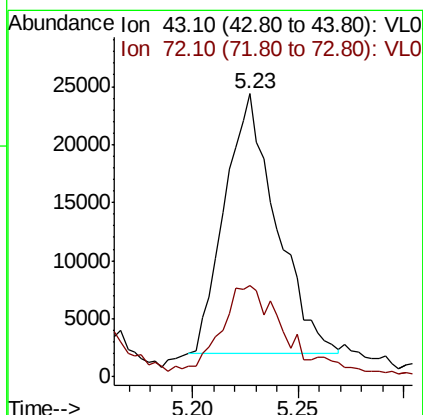
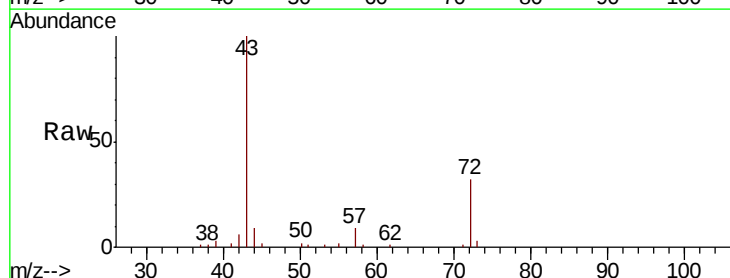
Instrument :
 MSVOA_L
 ClientSampled :

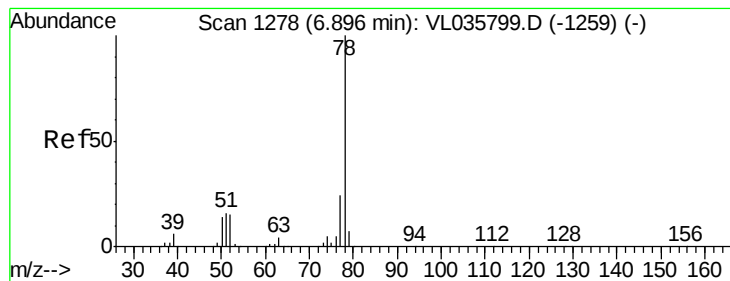
Tot Ion:114 Resp: 4836465
 Ion Ratio Lower Upper
 114 100
 63 18.7 16.1 24.1
 88 16.9 13.7 20.5



#34
 2-Butanone
 Concen: 0.242 ppbv
 RT: 5.23 min Scan# 759
 Delta R.T. -0.02 min
 Lab File: VL035833.D
 Acq: 4 Nov 2020 14:53

Tgt Ion: 43 Resp: 37910
 Ion Ratio Lower Upper
 43 100
 72 48.2 26.5 39.7#





#36

Benzene

Concen: 0.162 ppbv

RT: 6.86 min Scan# 1267

Delta R.T. -0.04 min

Lab File: VL035833.D

Acq: 4 Nov 2020 14:53

Instrument :

MSVOA_L

ClientSampleId :

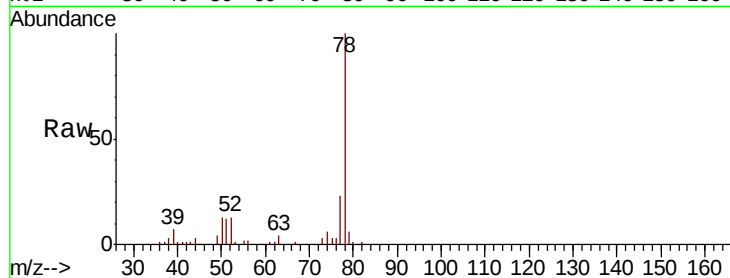
Tot Ion: 78 Resp: 58223

Ion Ratio Lower Upper

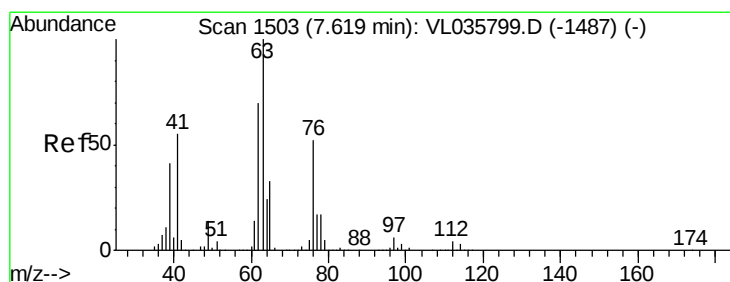
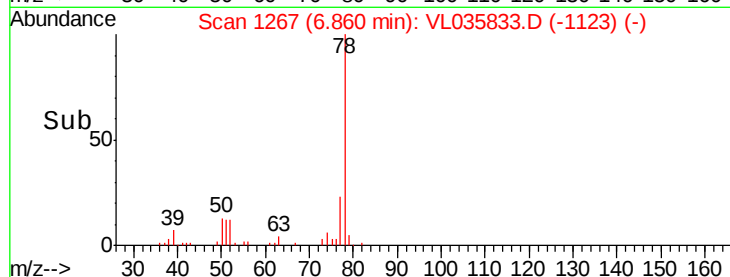
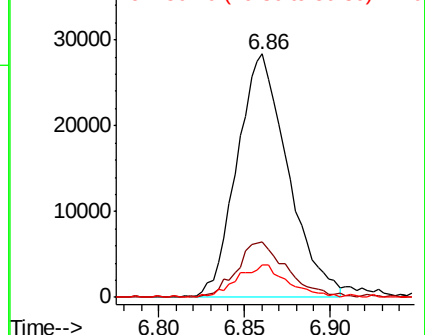
78 100

77 22.1 19.3 28.9

50 13.5 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



#39

1,2-Dichloropropane

Concen: 7.367 ppbv

RT: 7.14 min Scan# 1355

Delta R.T. -0.48 min

Lab File: VL035833.D

Acq: 4 Nov 2020 14:53

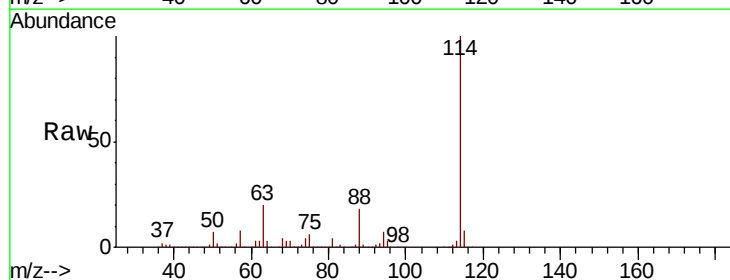
Tgt Ion: 63 Resp: 891837

Ion Ratio Lower Upper

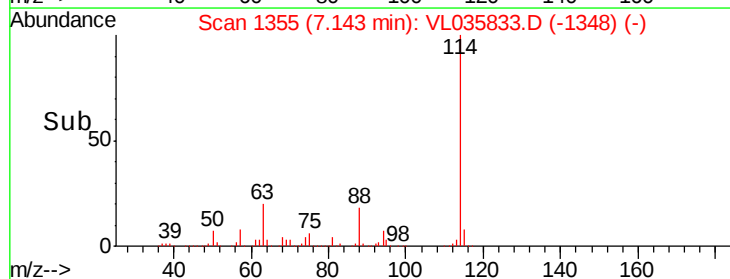
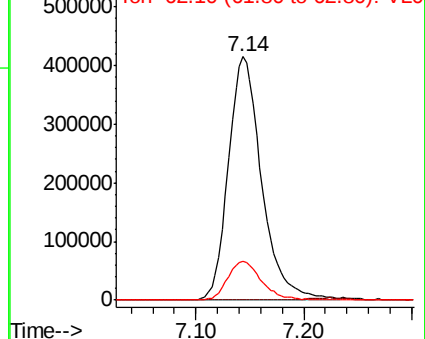
63 100

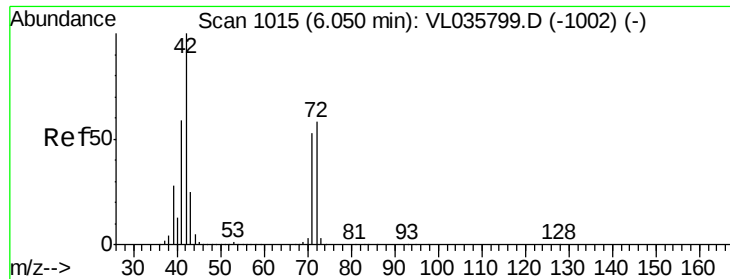
41 0.0 43.8 65.6#

62 16.2 56.2 84.2#



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

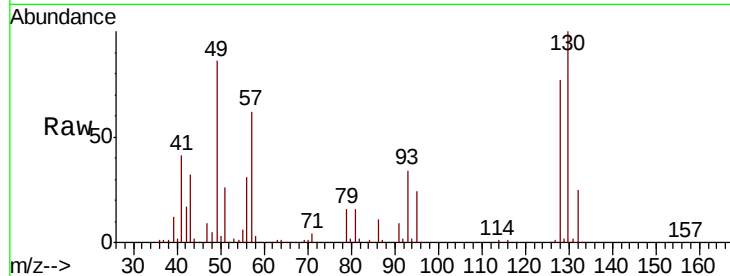




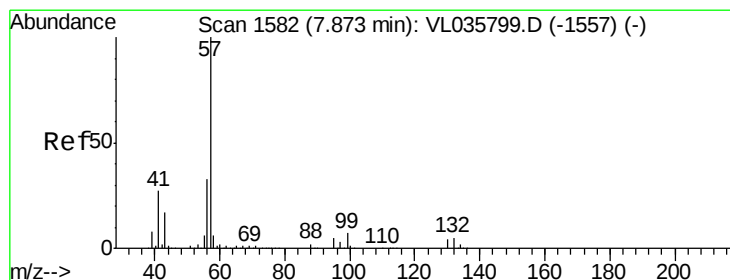
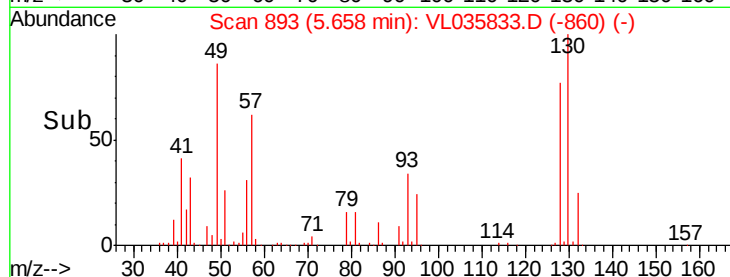
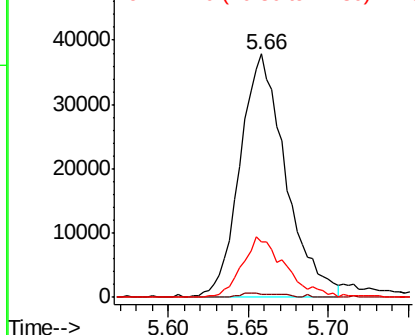
#41
Tetrahydrofuran
Concen: 0.832 ppbv
RT: 5.66 min Scan# 893
Delta R.T. -0.39 min
Lab File: VL035833.D
Acq: 4 Nov 2020 14:53

Instrument :
MSVOA_L
ClientSampleId :

Tot Ion: 42 Resp: 74159
Ion Ratio Lower Upper
42 100
72 1.6 45.4 68.0#
71 23.9 43.4 65.2#

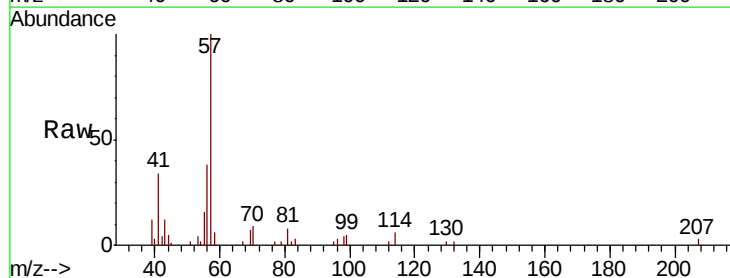


Abundance Ion 42.10 (41.80 to 42.80): VL0
Ion 72.10 (71.80 to 72.80): VL0
Ion 71.10 (70.80 to 71.80): VL0

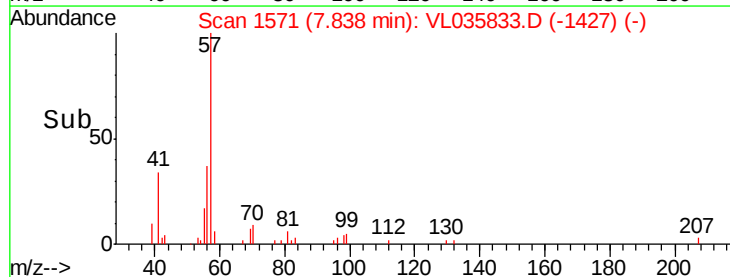
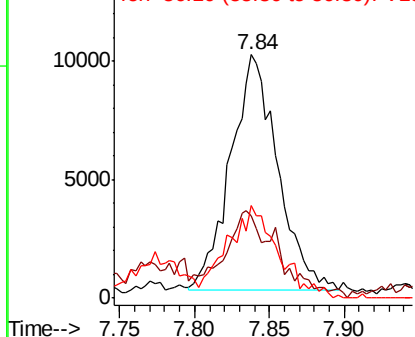


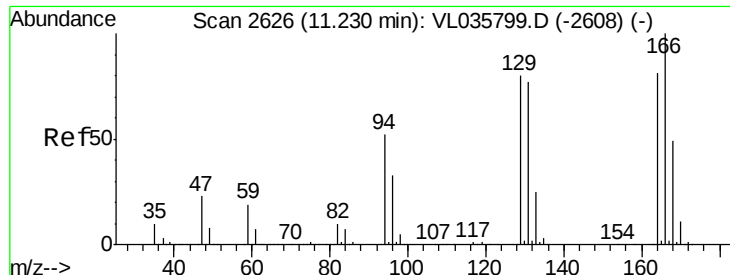
#44
2,2,4-Trimethylpentane
Concen: 0.046 ppbv
RT: 7.84 min Scan# 1571
Delta R.T. -0.04 min
Lab File: VL035833.D
Acq: 4 Nov 2020 14:53

Tgt Ion: 57 Resp: 21815
Ion Ratio Lower Upper
57 100
41 38.3 21.0 31.4#
56 43.0 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





#52

Tetrachloroethene

Concen: 0.247 ppbv

RT: 11.19 min Scan# 2615

Delta R.T. -0.04 min

Lab File: VL035833.D

Acq: 4 Nov 2020 14:53

Instrument :

MSVOA_L

ClientSampleId :

Tot Ion:164 Resp: 42057

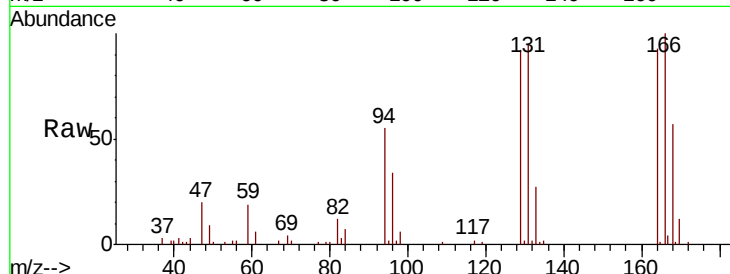
Ion Ratio Lower Upper

164 100

166 107.0 99.3 148.9

129 98.7 79.3 118.9

131 102.1 76.5 114.7

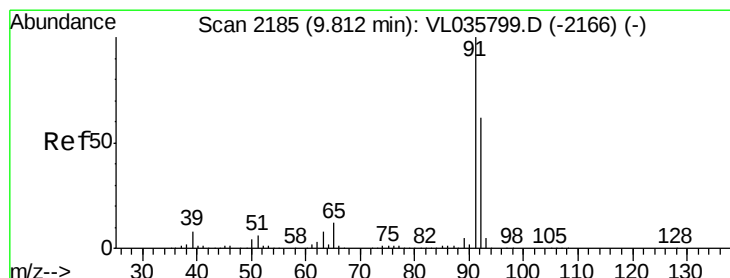
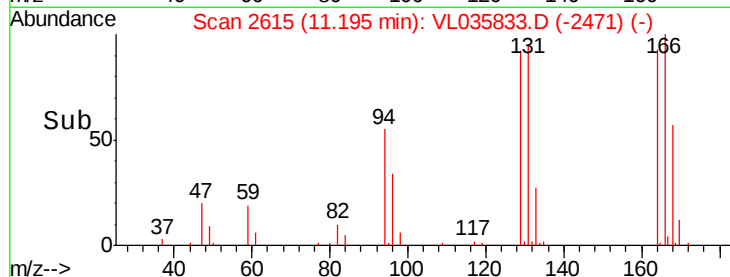
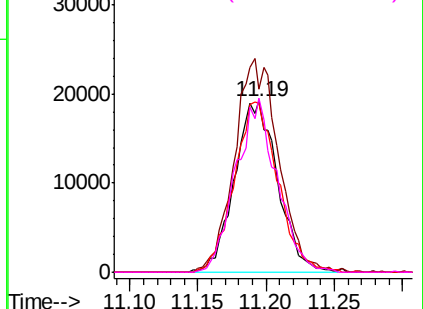


Abundance Ion 163.90 (163.60 to 164.60): V

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: 0.826 ppbv

RT: 9.77 min Scan# 2173

Delta R.T. -0.04 min

Lab File: VL035833.D

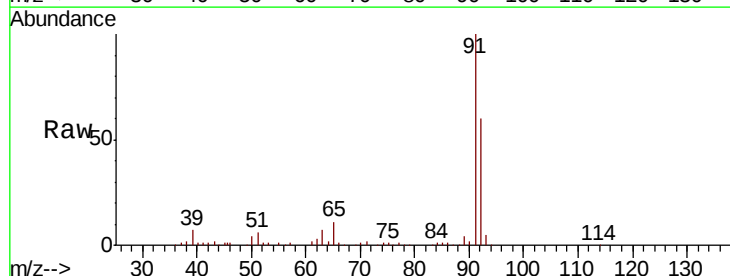
Acq: 4 Nov 2020 14:53

Tgt Ion: 91 Resp: 358273

Ion Ratio Lower Upper

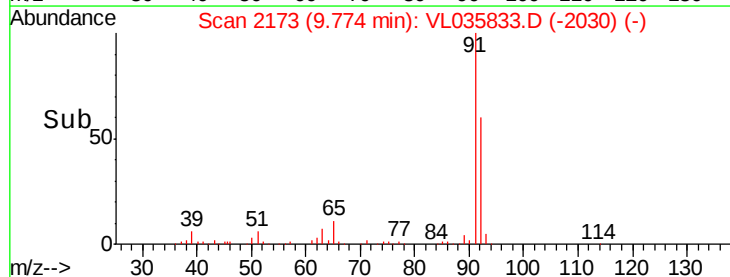
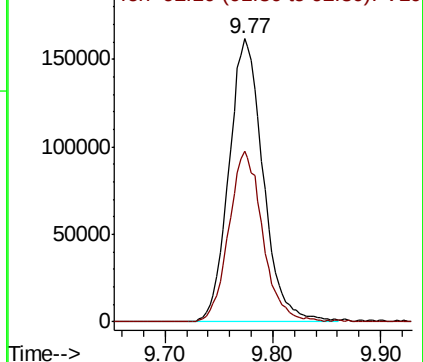
91 100

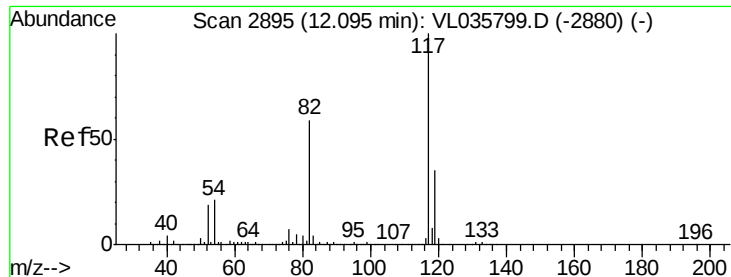
92 59.9 49.8 74.6



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: VL035833.D

Acq: 4 Nov 2020 14:53

Instrument :

MSVOA_L

ClientSampleId :

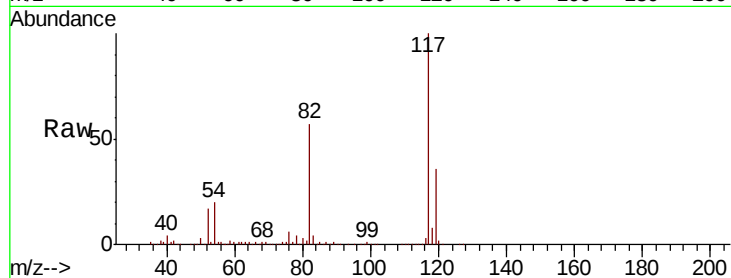
Tot Ion:117 Resp: 4439440

Ion Ratio Lower Upper

117 100

82 56.0 50.6 76.0

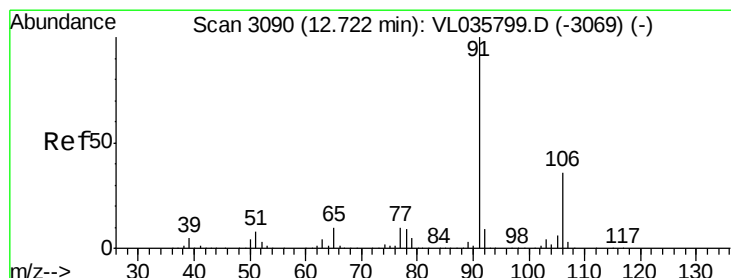
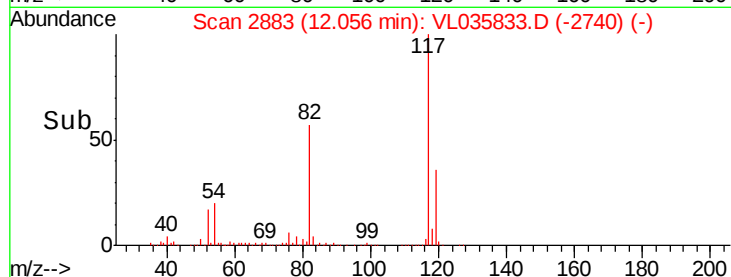
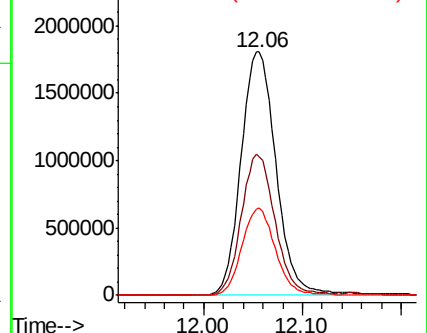
119 34.7 52.6 78.8#



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: 0.316 ppbv

RT: 12.68 min Scan# 3077

Delta R.T. -0.04 min

Lab File: VL035833.D

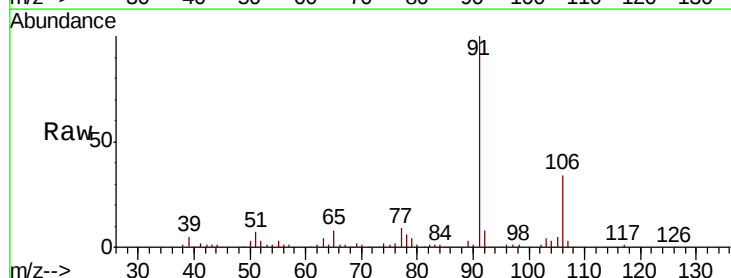
Acq: 4 Nov 2020 14:53

Tgt Ion: 91 Resp: 170738

Ion Ratio Lower Upper

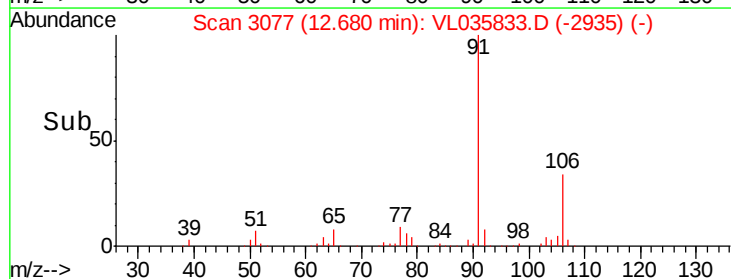
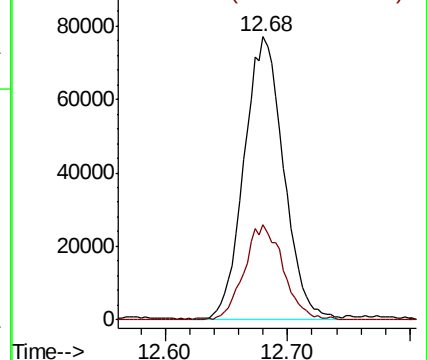
91 100

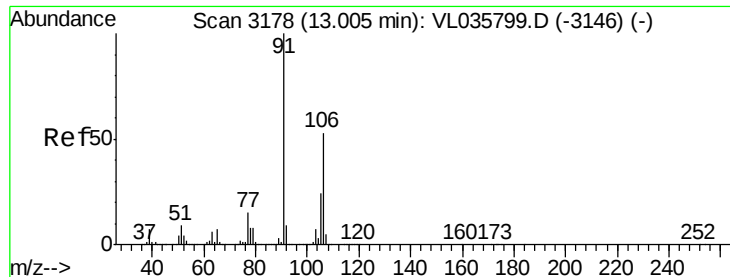
106 33.7 28.6 43.0



Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 106.10 (105.80 to 106.80): V





#59

m/p-Xylene

Concen: 0.896 ppbv

RT: 12.94 min Scan# 3157

Delta R.T. -0.07 min

Lab File: VL035833.D

Acq: 4 Nov 2020 14:53

Instrument :

MSVOA_L

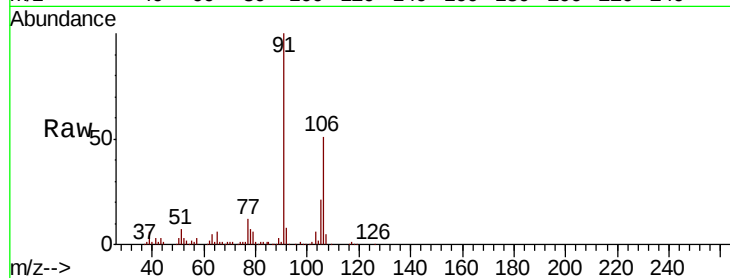
ClientSampleId :

Tot Ion: 91 Resp: 409860

Ion Ratio Lower Upper

91 100

106 51.6 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

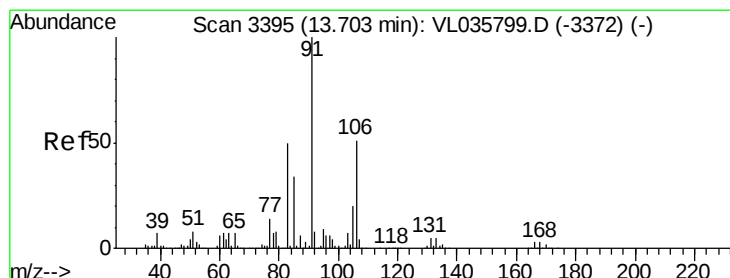
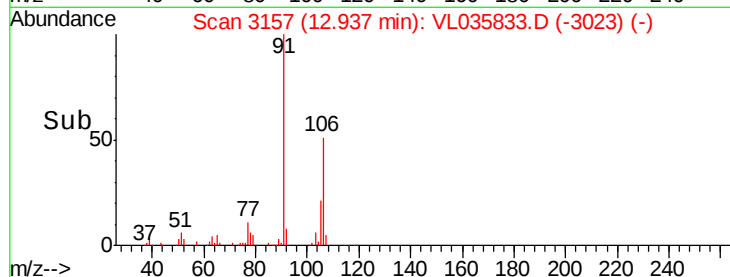
100000

50000

0

12.90 13.00

Time-->



#60

o-Xylene

Concen: 0.369 ppbv

RT: 13.66 min Scan# 3382

Delta R.T. -0.04 min

Lab File: VL035833.D

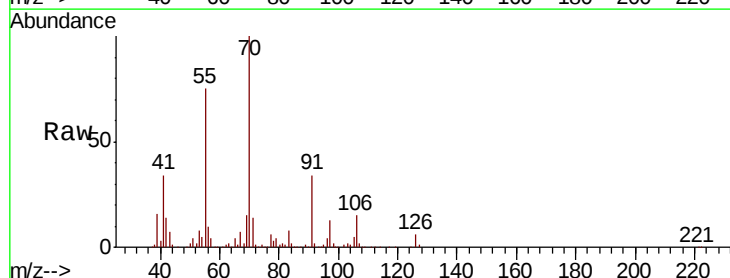
Acq: 4 Nov 2020 14:53

Tgt Ion: 91 Resp: 164106

Ion Ratio Lower Upper

91 100

106 48.5 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

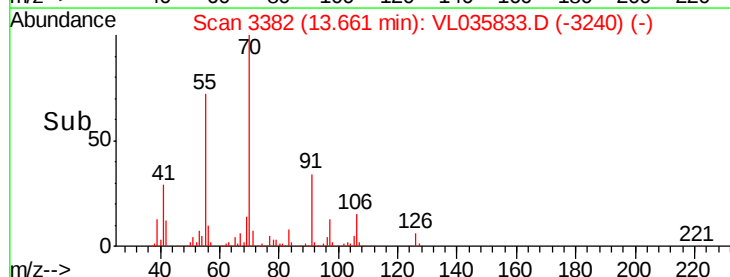
40000

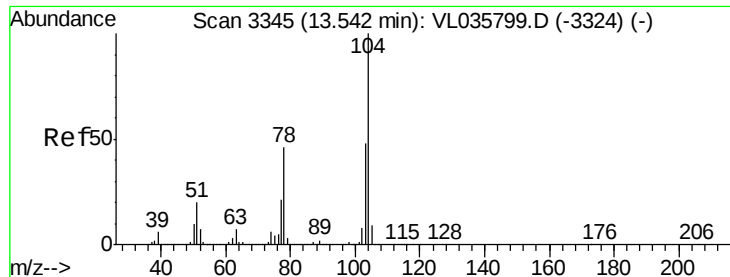
20000

0

13.60 13.65 13.70

Time-->

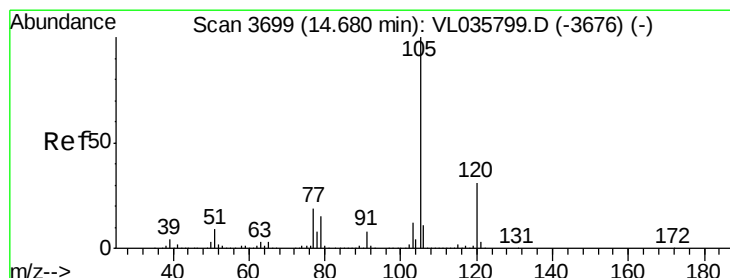
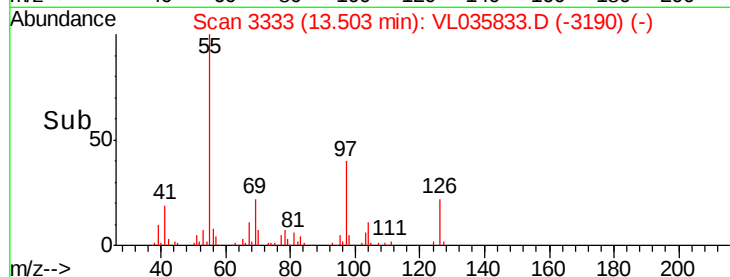
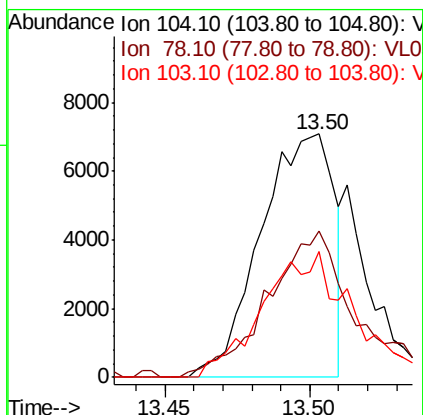
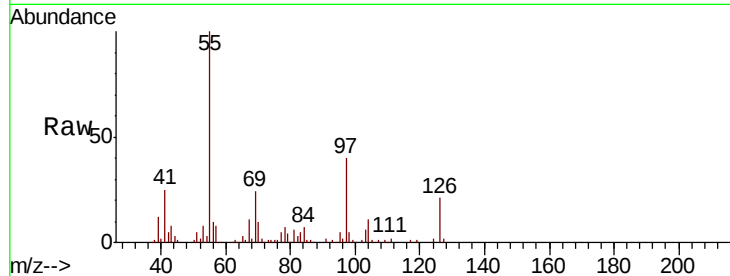




#61
Stvrene
Concen: 0.038 ppbv
RT: 13.50 min Scan# 3333
Delta R.T. -0.04 min
Lab File: VL035833.D
Acq: 4 Nov 2020 14:53

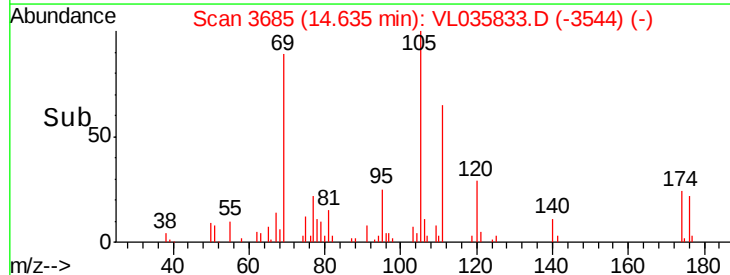
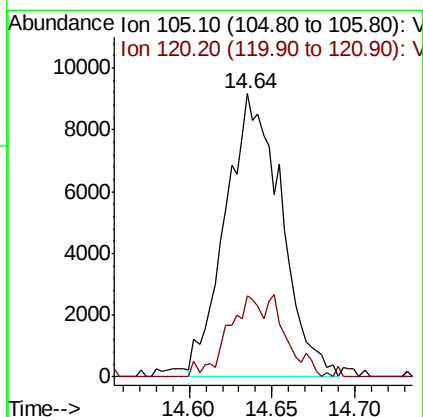
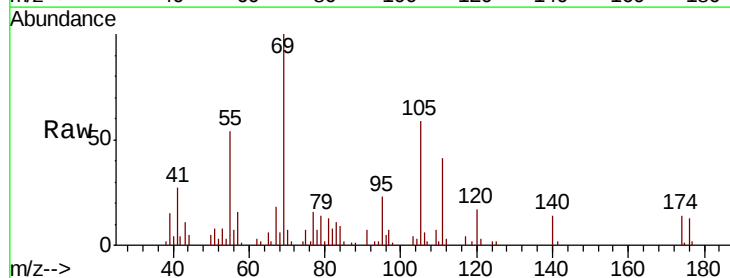
Instrument :
MSVOA_L
ClientSampleId :

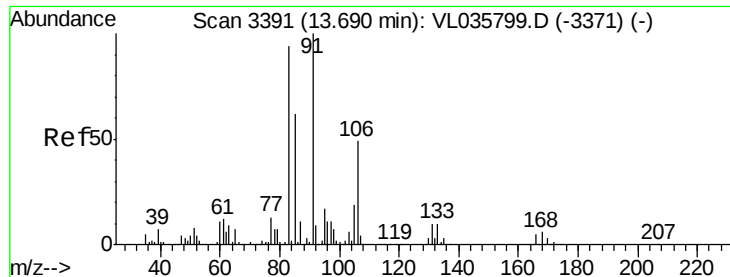
Tot Ion:104 Resp: 12414
Ion Ratio Lower Upper
104 100
78 78.2 37.1 55.7#
103 64.0 37.9 56.9#



#62
Isopropylbenzene
Concen: 0.031 ppbv
RT: 14.64 min Scan# 3685
Delta R.T. -0.05 min
Lab File: VL035833.D
Acq: 4 Nov 2020 14:53

Tgt Ion:105 Resp: 21405
Ion Ratio Lower Upper
105 100
120 28.5 23.5 35.3

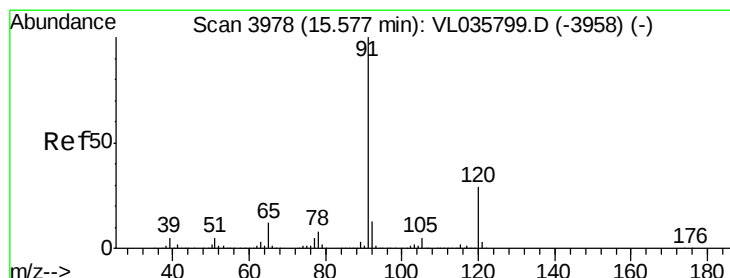
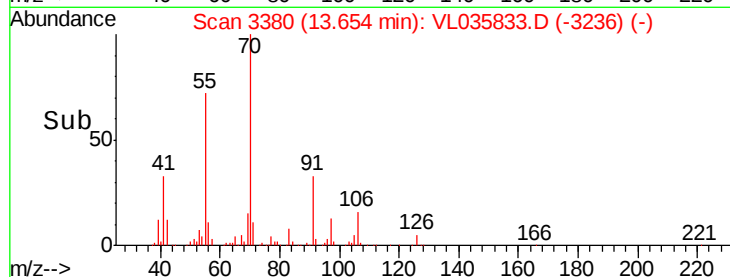
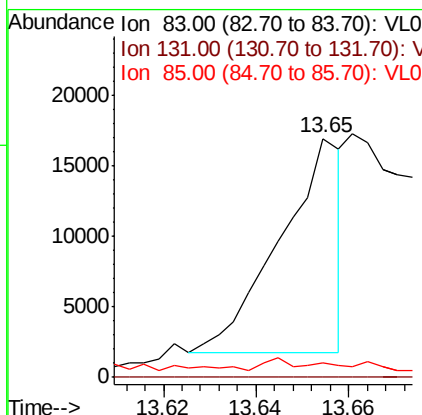
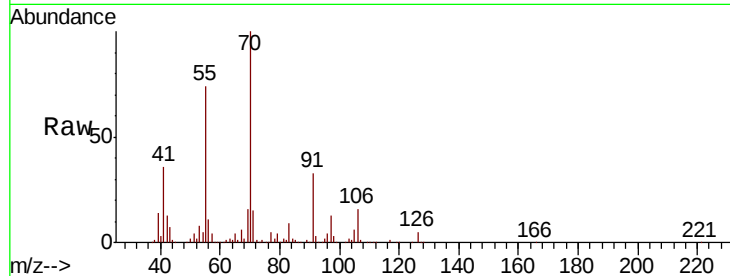




#63
 1,1,2,2-Tetrachloroethane
 Concen: 0.040 ppbv
 RT: 13.65 min Scan# 3380
 Delta R.T. -0.04 min
 Lab File: VL035833.D
 Acq: 4 Nov 2020 14:53

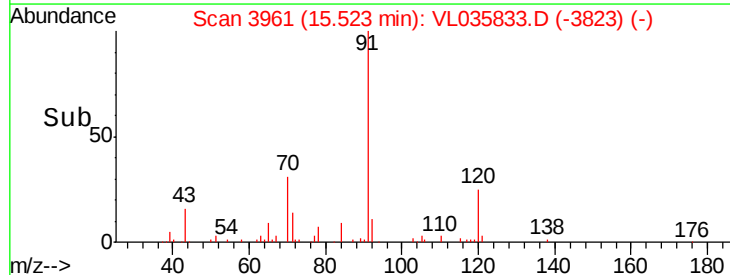
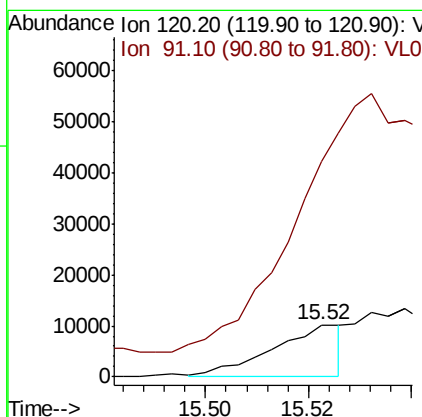
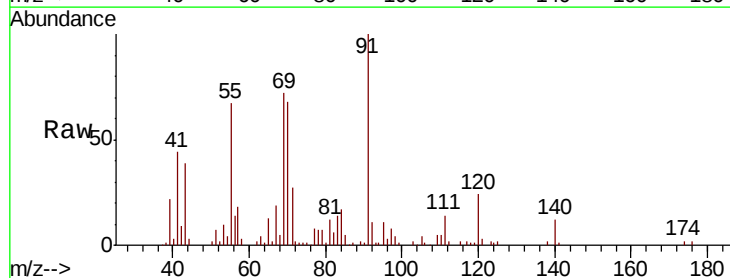
Instrument :
 MSVOA_L
 ClientSampleId :

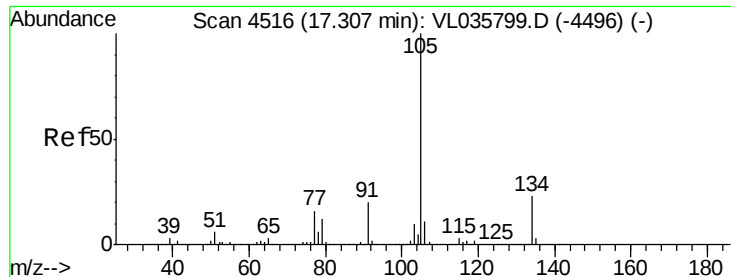
Tot Ion: 83 Resp: 13941
 Ion Ratio Lower Upper
 83 100
 131 0.0 5.3 15.8#
 85 13.4 33.5 100.4#



#64
 n-propylbenzene
 Concen: 0.048 ppbv
 RT: 15.52 min Scan# 3961
 Delta R.T. -0.05 min
 Lab File: VL035833.D
 Acq: 4 Nov 2020 14:53

Tgt Ion:120 Resp: 9625
 Ion Ratio Lower Upper
 120 100
 91 0.0 311.1 466.7#

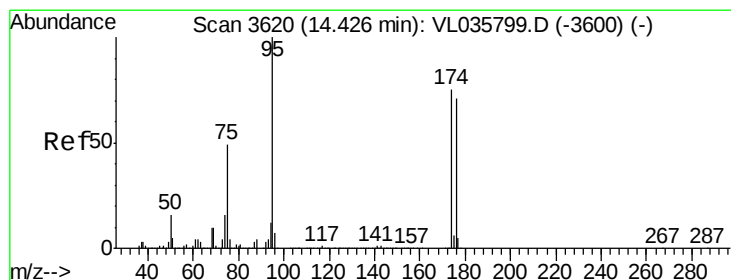
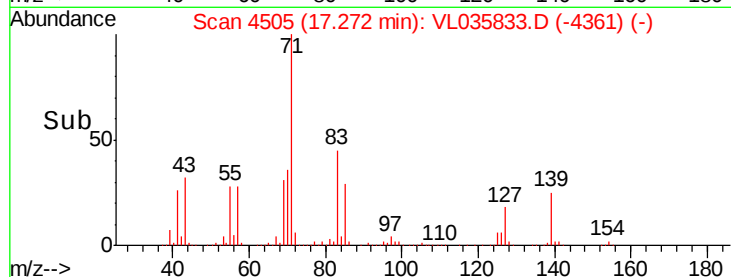
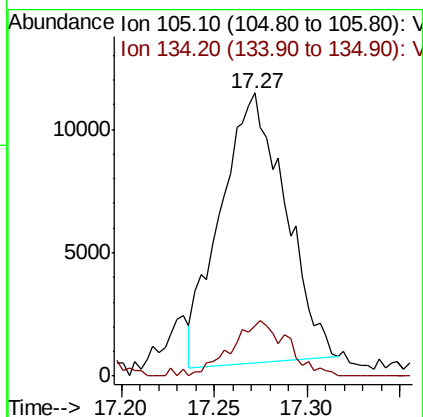
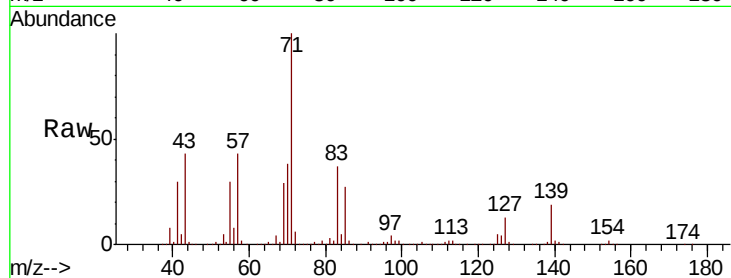




#67
 sec-Butylbenzene
 Concen: 0.031 ppbv
 RT: 17.27 min Scan# 4505
 Delta R.T. -0.04 min
 Lab File: VL035833.D
 Acq: 4 Nov 2020 14:53

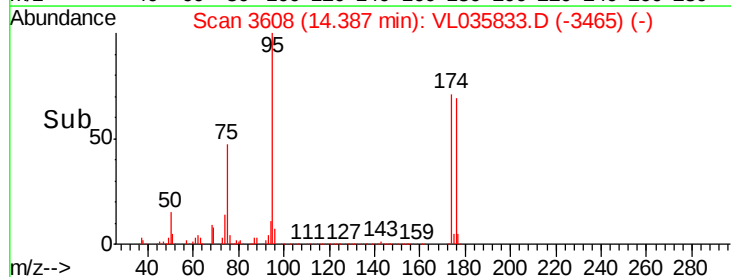
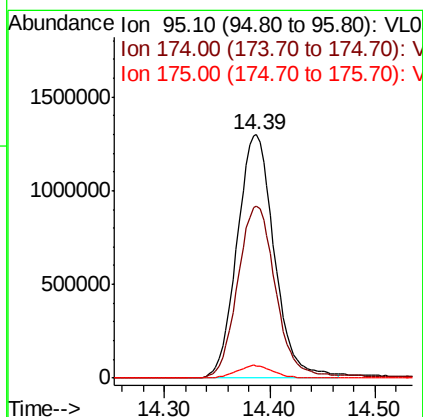
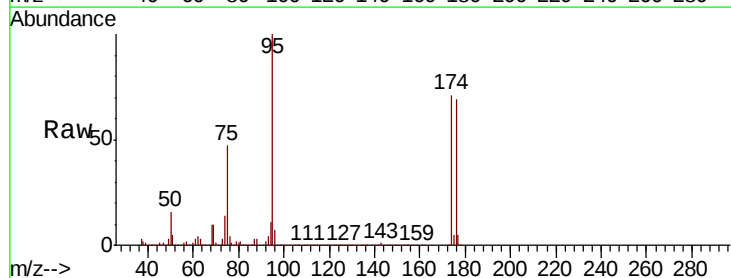
Instrument :
 MSVOA_L
 ClientSampled :

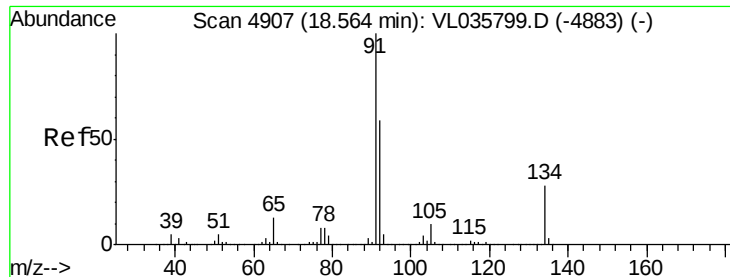
Tot Ion: 105 Resp: 26586
 Ion Ratio Lower Upper
 105 100
 134 18.3 17.0 25.6



#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.086 ppbv
 RT: 14.39 min Scan# 3608
 Delta R.T. -0.04 min
 Lab File: VL035833.D
 Acq: 4 Nov 2020 14:53

Tgt Ion: 95 Resp: 3181405
 Ion Ratio Lower Upper
 95 100
 174 74.2 59.8 89.6
 175 5.2 4.3 6.5

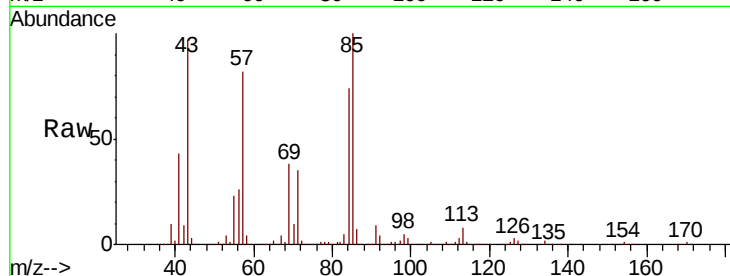




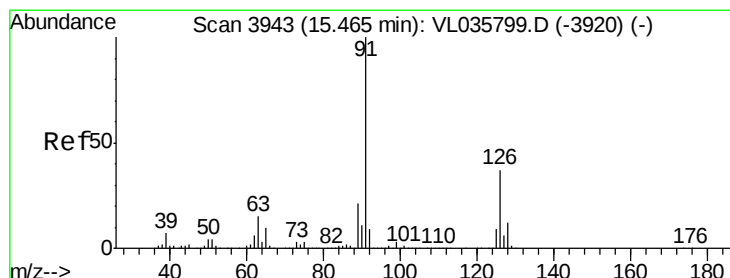
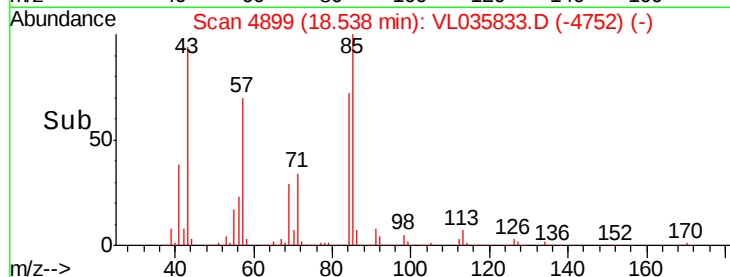
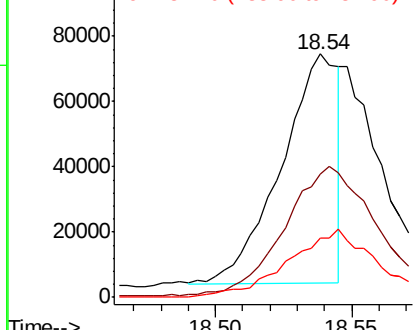
#70
n-Butylbenzene
Concen: 0.150 ppbv
RT: 18.54 min Scan# 4899
Delta R.T. -0.03 min
Lab File: VL035833.D
Acq: 4 Nov 2020 14:53

Instrument :
MSVOA_L
ClientSampled :

Tot Ion: 91 Resp: 102307
Ion Ratio Lower Upper
91 100
92 0.0 45.7 68.5#
134 0.0 21.0 31.4#

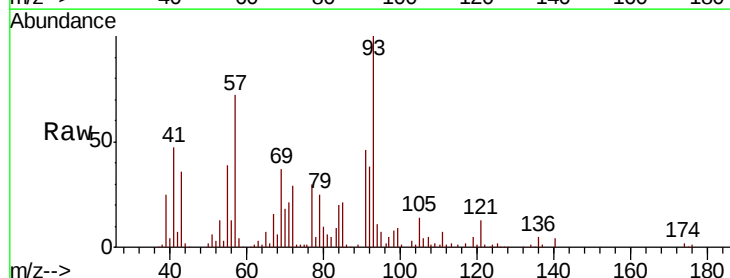


Abundance Ion 91.10 (90.80 to 91.80): VL0
Ion 92.10 (91.80 to 92.80): VL0
Ion 134.20 (133.90 to 134.90): V

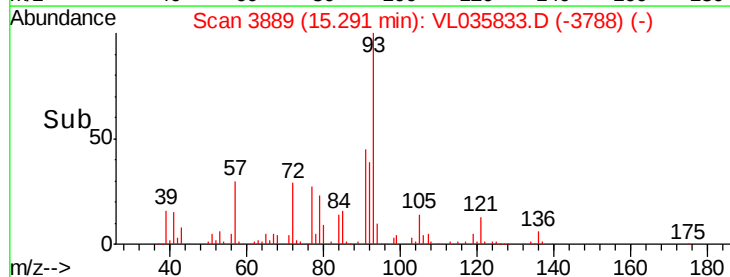
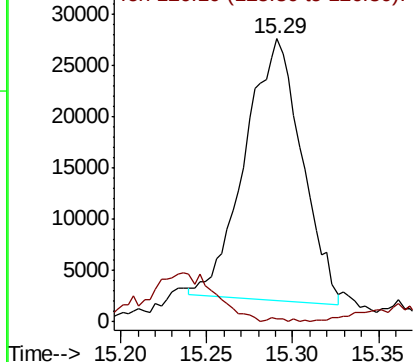


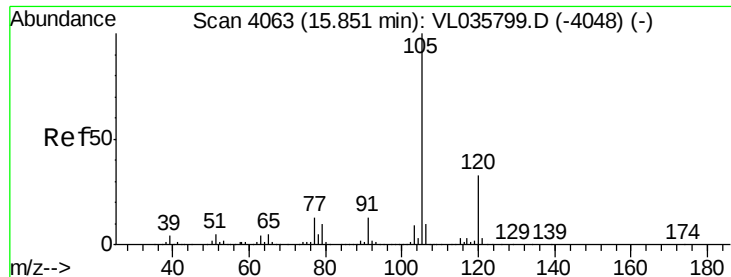
#71
2-Chlorotoluene
Concen: 0.114 ppbv
RT: 15.29 min Scan# 3889
Delta R.T. -0.17 min
Lab File: VL035833.D
Acq: 4 Nov 2020 14:53

Tgt Ion: 91 Resp: 58473
Ion Ratio Lower Upper
91 100
126 22.6 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: 0.122 ppbv

RT: 15.81 min Scan# 4050

Delta R.T. -0.04 min

Lab File: VL035833.D

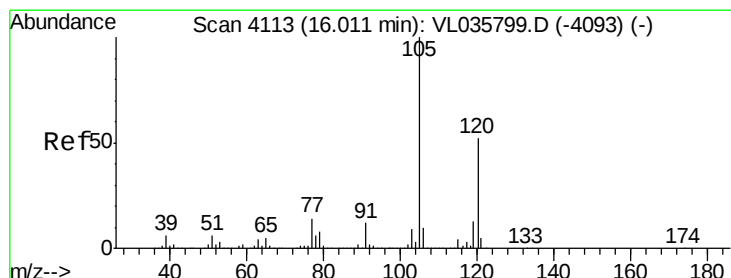
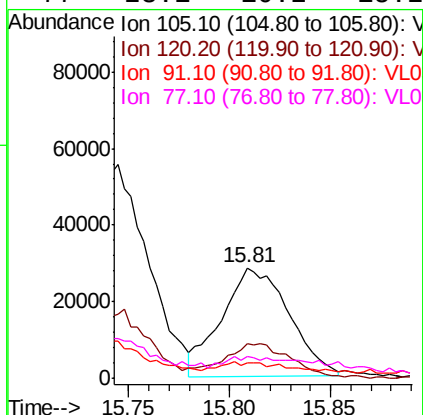
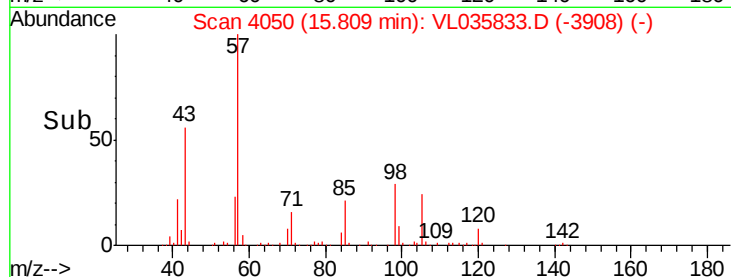
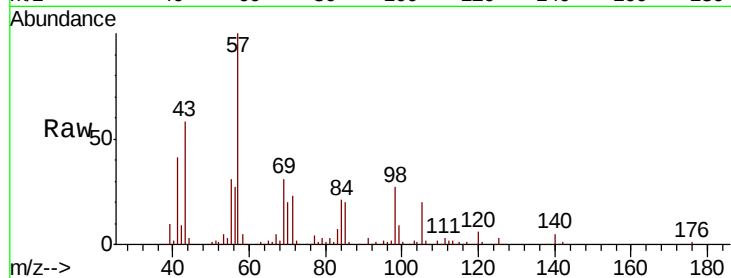
Acq: 4 Nov 2020 14:53

Instrument :

MSVOA_L

ClientSampleId :

Tot Ion:	105	Resp:	65737
Ion	Ratio	Lower	Upper
105	100		
120	32.4	25.9	38.9
91	16.3	9.9	14.9
77	23.1	10.2	15.2



#73

1,3,5-Trimethylbenzene

Concen: 0.037 ppbv

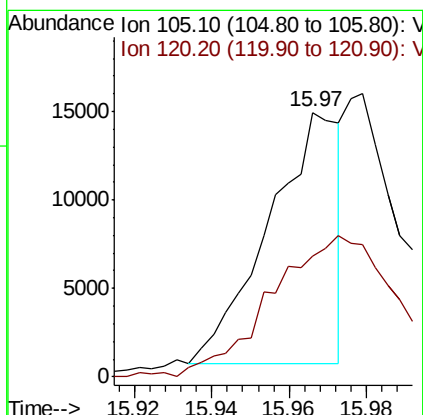
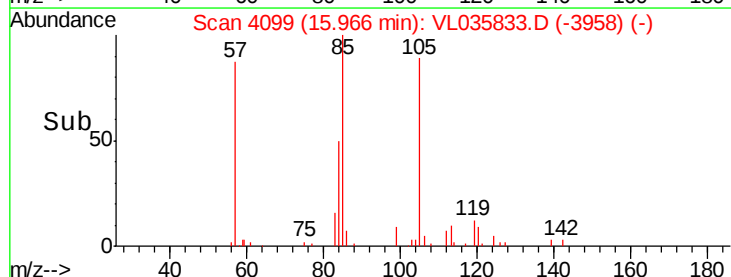
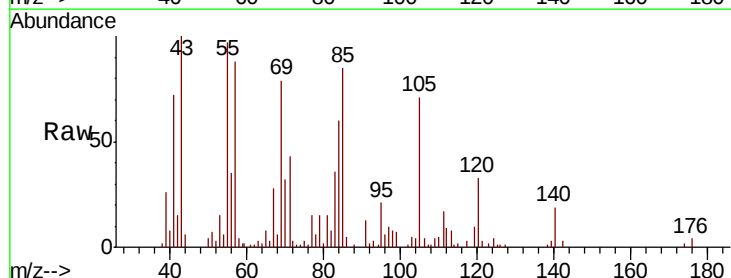
RT: 15.97 min Scan# 4099

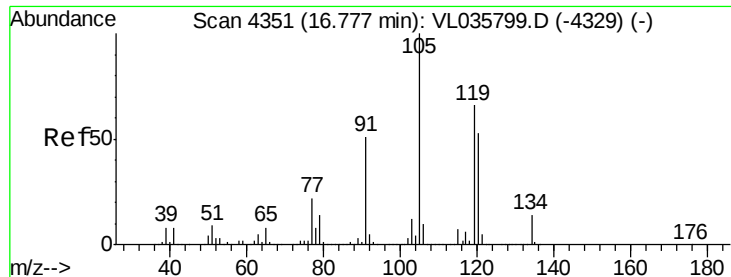
Delta R.T. -0.05 min

Lab File: VL035833.D

Acq: 4 Nov 2020 14:53

Tgt Ion:	105	Resp:	18111
Ion	Ratio	Lower	Upper
105	100		
120	44.6	41.4	62.2

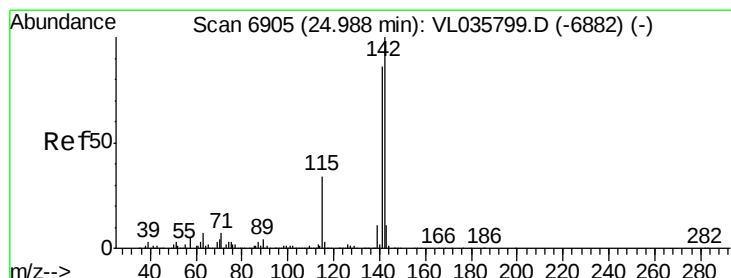
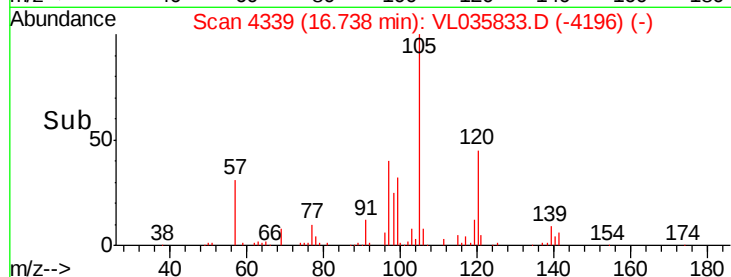
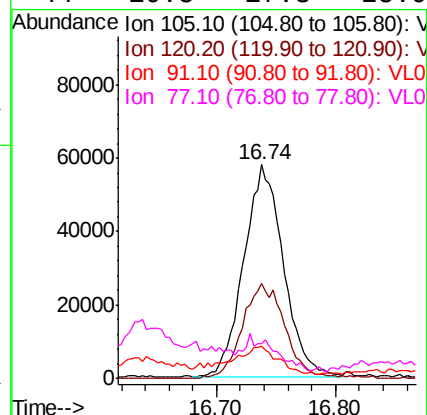
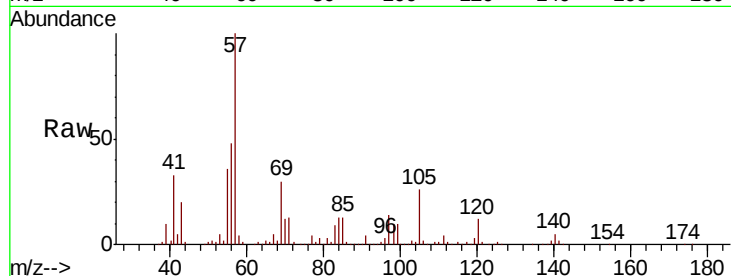




#74
 1,2,4-Trimethylbenzene
 Concen: 0.253 ppbv
 RT: 16.74 min Scan# 4339
 Delta R.T. -0.04 min
 Lab File: VL035833.D
 Acq: 4 Nov 2020 14:53

Instrument :
 MSVOA_L
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
105	100		
120	44.6	42.0	63.0
91	13.4	41.0	61.6#
77	10.5	17.3	25.9#



#80
 Naphthalene, 2-methyl-
 Concen: 0.037 ppbv
 RT: 24.99 min Scan# 6904
 Delta R.T. -0.00 min
 Lab File: VL035833.D
 Acq: 4 Nov 2020 14:53

Tgt Ion	Ratio	Lower	Upper
142	100		
141	127.2	67.8	101.8#
115	34.0	28.1	42.1

