

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL110420\
 Data File : VL035832.D
 Acq On : 4 Nov 2020 14:13
 Operator : SY/AP
 Sample : L4604-03 2X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Nov 05 02:54:44 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	1142374	10.00	ppbv	-0.03
33) 1,4-Difluorobenzene	7.14	114	4892243	10.00	ppbv	-0.04
55) Chlorobenzene-d5	12.06	117	4506737	10.00	ppbv	-0.04

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.39	95	3205288	10.01	ppbv	-0.04
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.10%

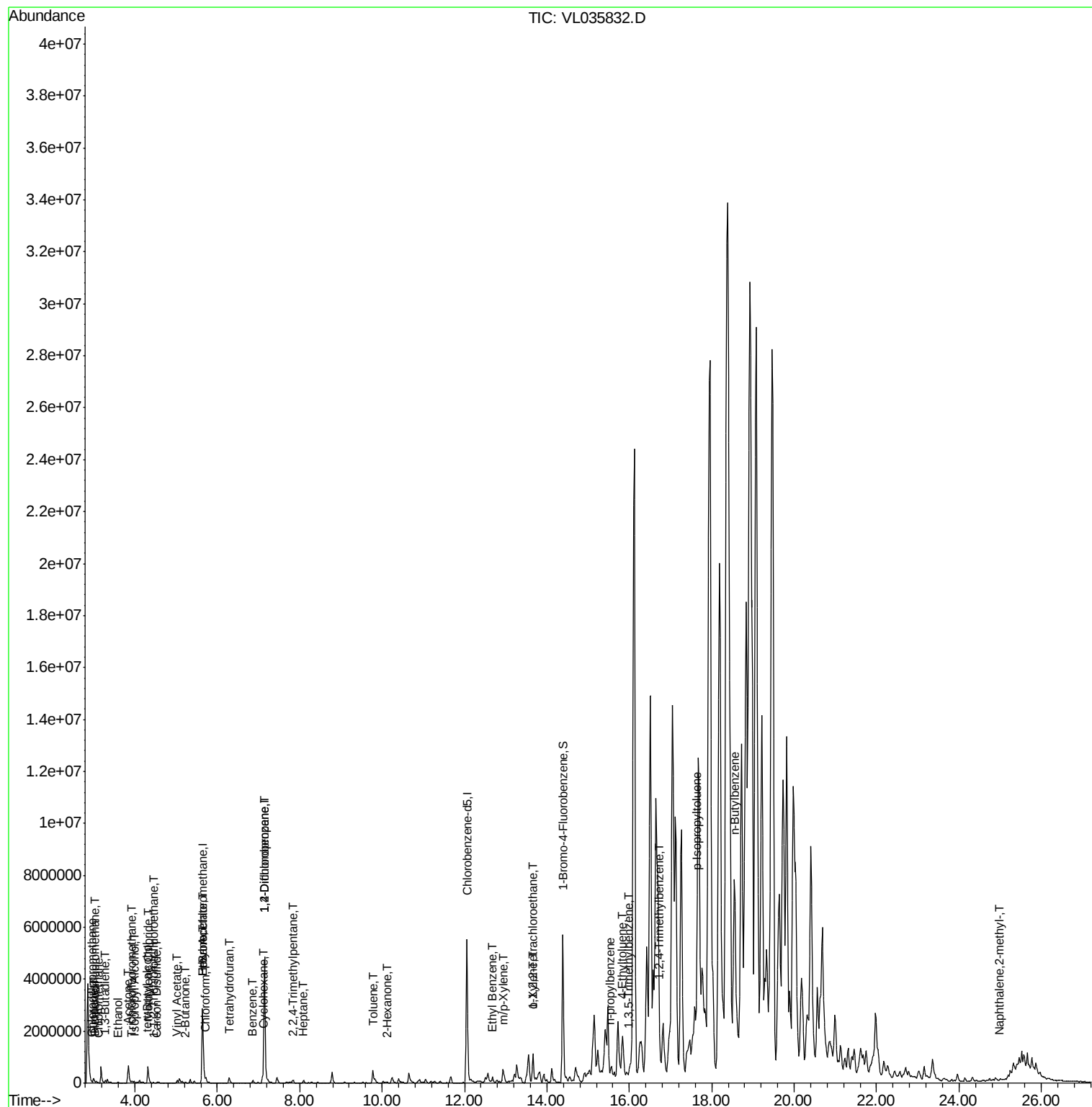
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.02	85	36926	0.172	ppbv	100
3) Chlorodifluoromethane	2.96	51	25436	0.186	ppbv #	88
4) Chloromethane	3.11	50	6355	0.096	ppbv	99
9) Propene	2.99	41	62566	1.250	ppbv	85
10) Heptane	8.09	43	20309	0.147	ppbv #	19
11) Trichlorofluoromethane	3.92	101	37598	0.139	ppbv	99
12) 1,1,2-Trichlorotrifluoroet	4.46	101	6284	0.031	ppbv	98
13) Ethanol	3.59	45	22187	2.042	ppbv #	35
15) Acetone	3.83	43	617575	5.057	ppbv #	87
16) 1,3-Butadiene	3.29	39	36772	0.699	ppbv #	19
17) tert-Butyl alcohol	4.29	59	8856	0.055	ppbv #	72
19) Isopropyl Alcohol	3.98	45	20909	0.279	ppbv #	90
20) Methylene Chloride	4.32	84	351405	4.087	ppbv	99
23) Vinyl Acetate	5.03	43	40509	0.237	ppbv #	1
25) Ethyl Acetate	5.66	43	165756	0.689	ppbv #	73
26) Hexane	5.66	57	312699	2.357	ppbv #	45
27) Carbon Disulfide	4.52	76	11394	0.057	ppbv #	85
29) Chloroform	5.72	83	111384	0.427	ppbv	96
30) Cyclohexane	7.10	84	136799	0.947	ppbv	89
34) 2-Butanone	5.22	43	38144	0.240	ppbv #	85
36) Benzene	6.86	78	107182	0.295	ppbv	98
39) 1,2-Dichloropropane	7.14	63	899085	7.342	ppbv #	30
41) Tetrahydrofuran	6.29	42	23518	0.261	ppbv #	24
44) 2,2,4-Trimethylpentane	7.84	57	19210	0.040	ppbv #	1
51) 2-Hexanone	10.12	43	11630	0.060	ppbv #	13
53) Toluene	9.77	91	450381	1.026	ppbv	98
58) Ethyl Benzene	12.68	91	213913	0.390	ppbv	97
59) m/p-Xylene	12.93	91	554055	1.193	ppbv	96
60) o-Xylene	13.66	91	229506	0.508	ppbv	98
63) 1,1,2,2-Tetrachloroethane	13.66	83	43051	0.123	ppbv #	29
64) n-propylbenzene	15.54	120	18698	0.091	ppbv #	1
69) p-Isopropyltoluene	17.64	119	70908	0.099	ppbv #	87
70) n-Butylbenzene	18.55	91	262936	0.380	ppbv	97
72) 4-Ethyltoluene	15.81	105	97387	0.178	ppbv #	95
73) 1,3,5-Trimethylbenzene	15.98	105	55976	0.112	ppbv	94
74) 1,2,4-Trimethylbenzene	16.74	105	225773	0.420	ppbv #	67
80) Naphthalene,2-methyl-	24.96	142	3665	0.060	ppbv #	84

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

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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: VL035832.D

Acq: 4 Nov 2020 14:13

Instrument :

MSVOA_L

ClientSampleId :

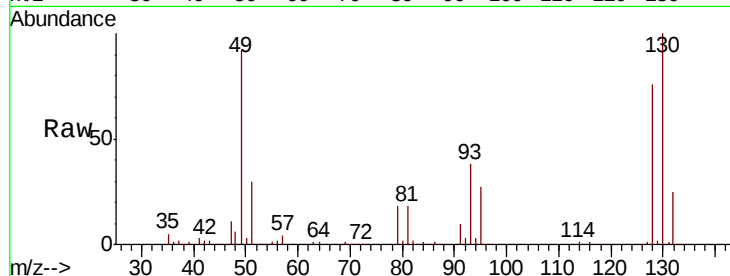
Tot Ion: 49 Resp: 1142374

Ion Ratio Lower Upper

49 100

128 87.8 41.5 124.6

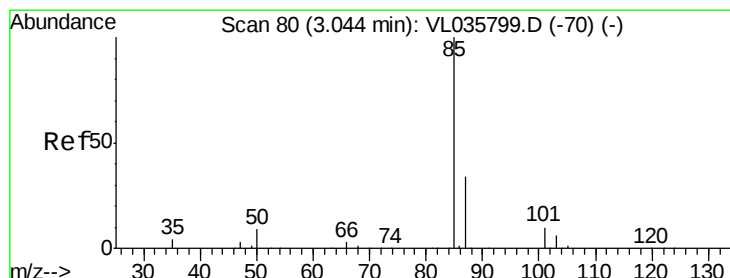
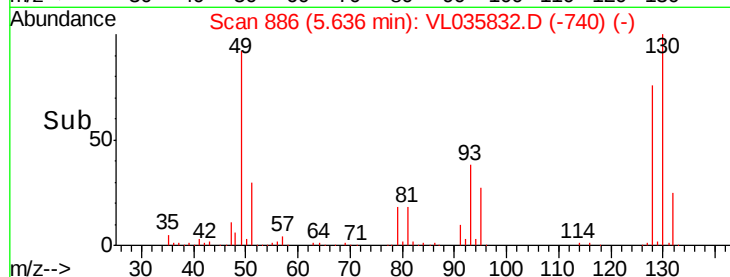
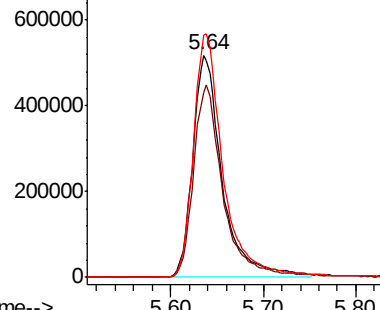
130 112.6 53.7 161.1



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: 0.172 ppbv

RT: 3.02 min Scan# 74

Delta R.T. -0.02 min

Lab File: VL035832.D

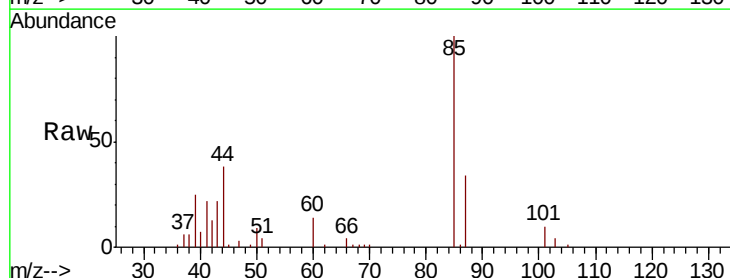
Acq: 4 Nov 2020 14:13

Tgt Ion: 85 Resp: 36926

Ion Ratio Lower Upper

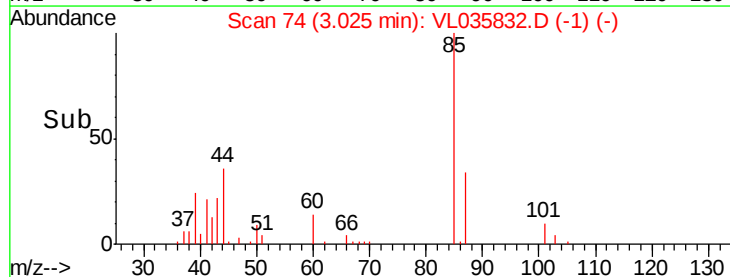
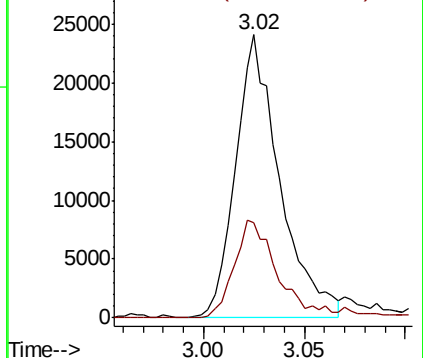
85 100

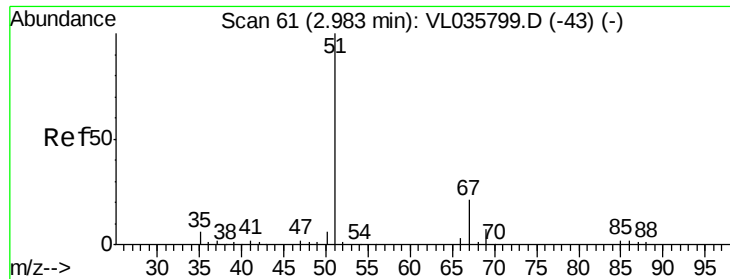
87 33.6 27.1 40.7



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0





#3

Chlorodifluoromethane

Concen: 0.186 ppbv

RT: 2.96 min Scan# 54

Delta R.T. -0.02 min

Lab File: VL035832.D

Acq: 4 Nov 2020 14:13

Instrument :

MSVOA_L

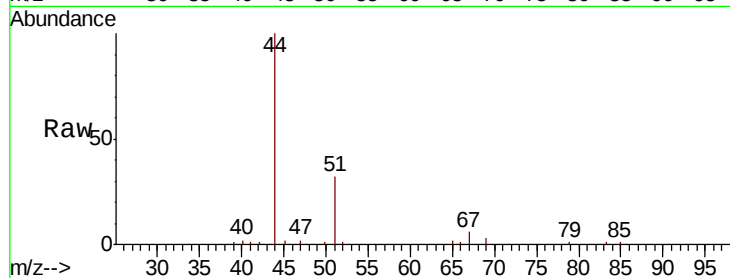
ClientSampleId :

Tot Ion: 51 Resp: 25436

Ion Ratio Lower Upper

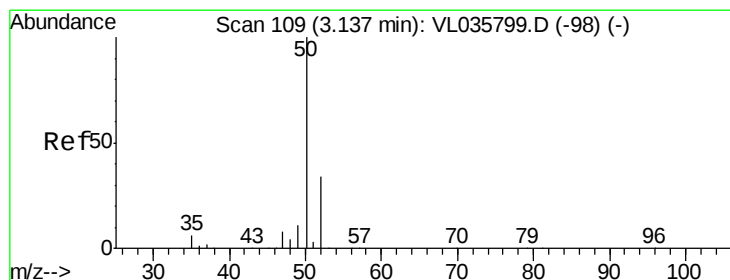
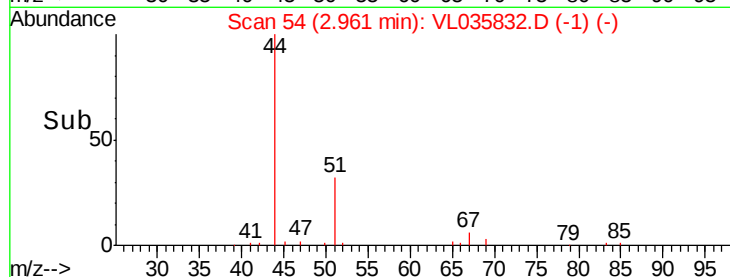
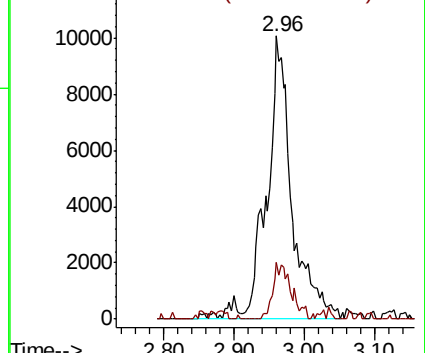
51 100

67 15.6 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: 0.096 ppbv

RT: 3.11 min Scan# 102

Delta R.T. -0.02 min

Lab File: VL035832.D

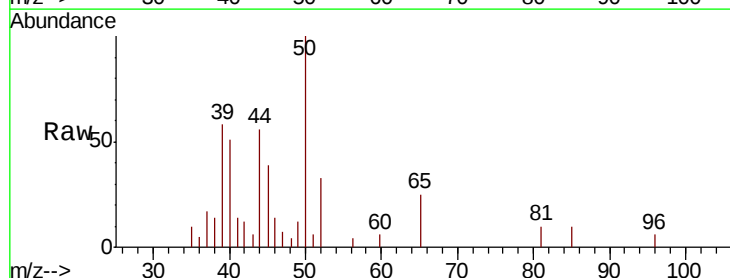
Acq: 4 Nov 2020 14:13

Tgt Ion: 50 Resp: 6355

Ion Ratio Lower Upper

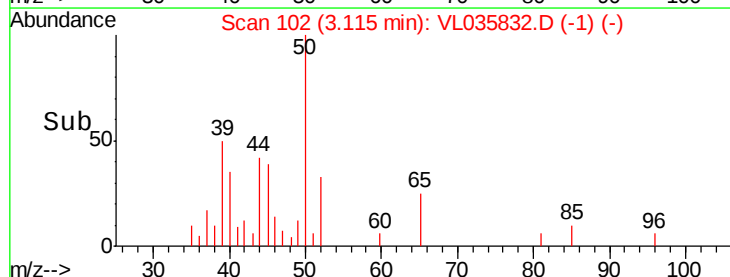
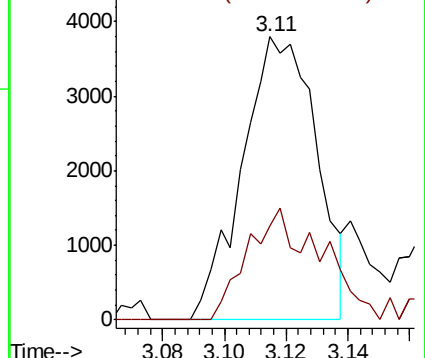
50 100

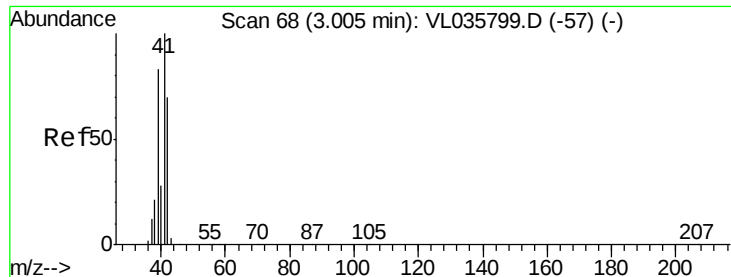
52 33.3 27.1 40.7



Abundance Ion 50.10 (49.80 to 50.80): VL0

Ion 52.10 (51.80 to 52.80): VL0





#9

Propene

Concen: 1.250 ppbv

RT: 2.99 min Scan# 64

Delta R.T. -0.01 min

Lab File: VL035832.D

Acq: 4 Nov 2020 14:13

Instrument :

MSVOA_L

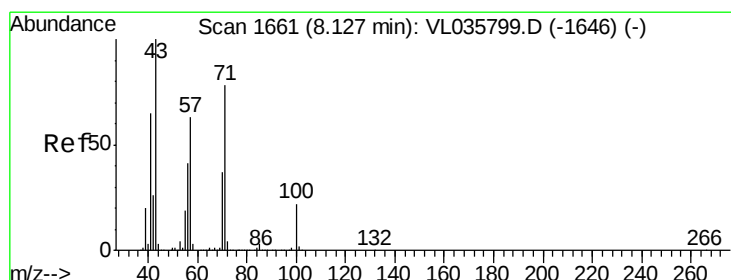
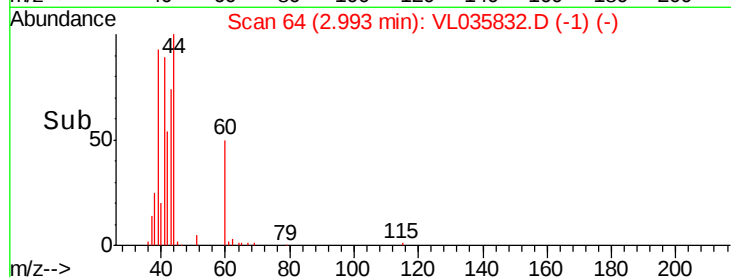
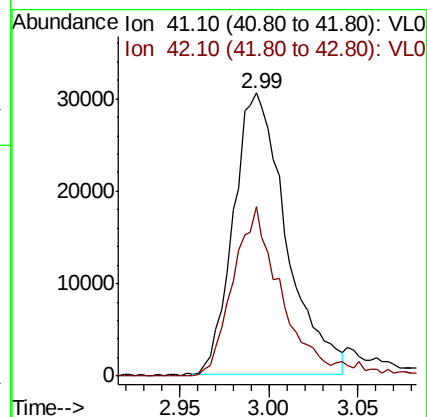
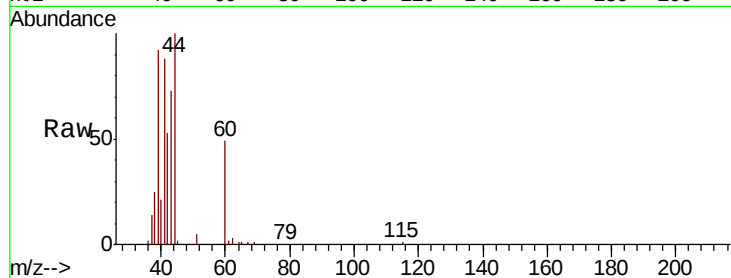
ClientSampleId :

Tot Ion: 41 Resp: 62566

Ion Ratio Lower Upper

41 100

42 57.9 56.2 84.4



#10

Heptane

Concen: 0.147 ppbv

RT: 8.09 min Scan# 1650

Delta R.T. -0.04 min

Lab File: VL035832.D

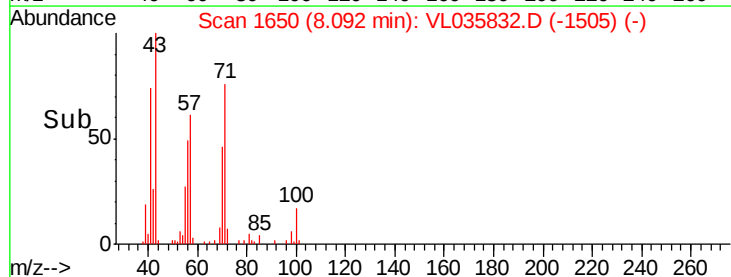
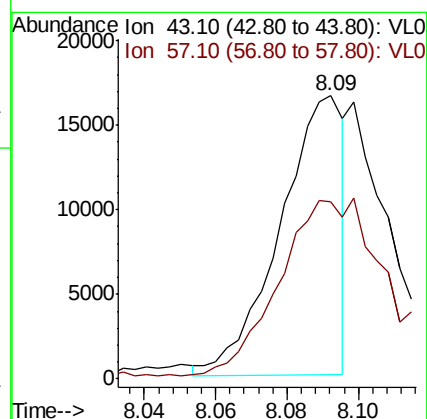
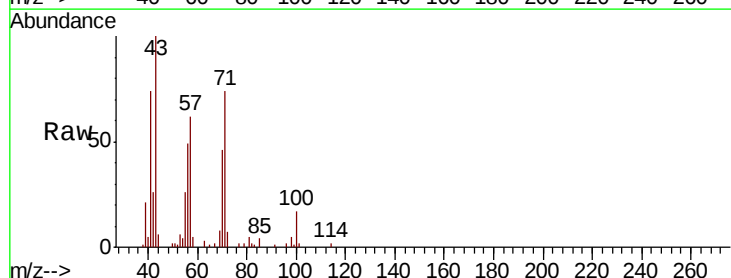
Acq: 4 Nov 2020 14:13

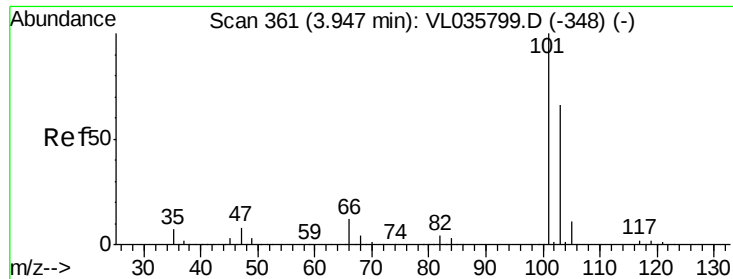
Tgt Ion: 43 Resp: 20309

Ion Ratio Lower Upper

43 100

57 0.0 50.0 75.0#

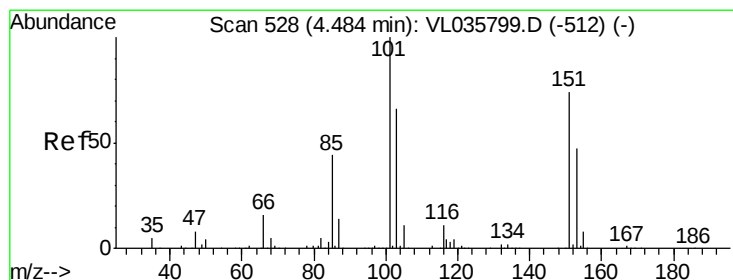
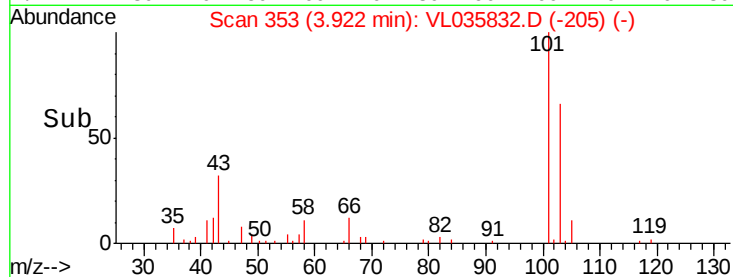
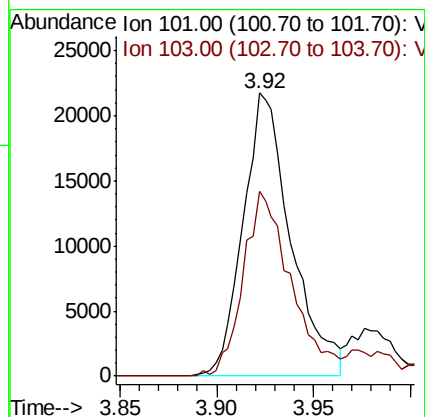
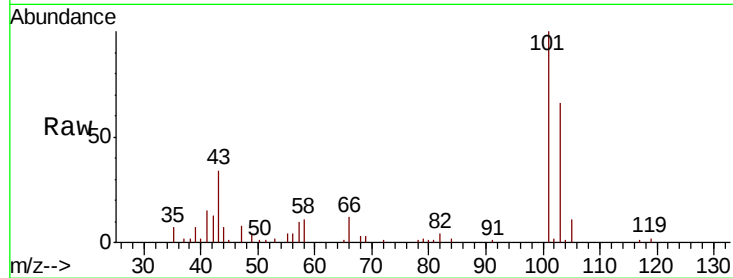




#11
 Trichlorofluoromethane
 Concen: 0.139 ppbv
 RT: 3.92 min Scan# 353
 Delta R.T. -0.03 min
 Lab File: VL035832.D
 Acq: 4 Nov 2020 14:13

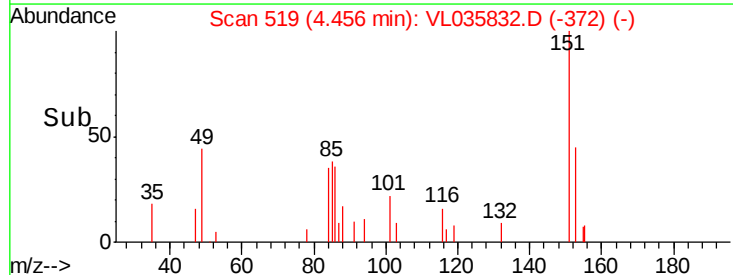
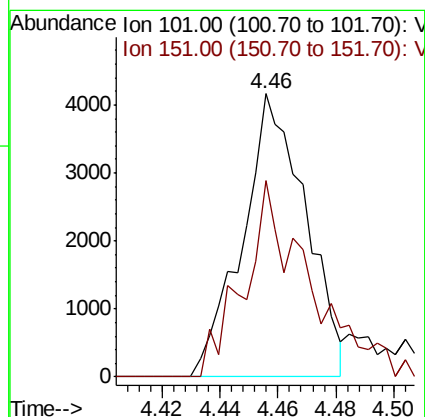
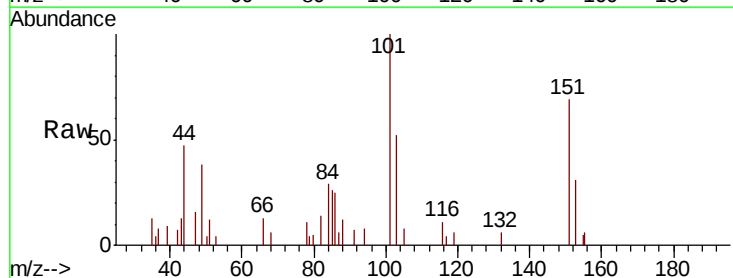
Instrument :
 MSVOA_L
 ClientSampleId :

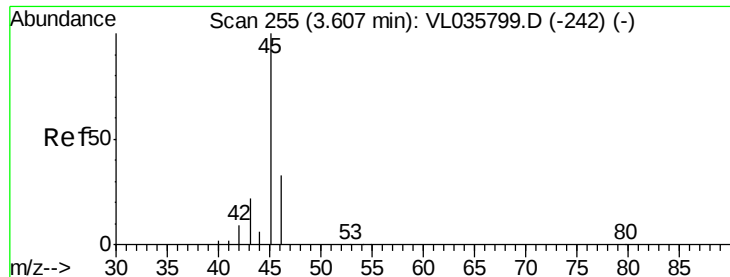
Tot Ion:101 Resp: 37598
 Ion Ratio Lower Upper
 101 100
 103 65.5 53.0 79.4



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.031 ppbv
 RT: 4.46 min Scan# 519
 Delta R.T. -0.03 min
 Lab File: VL035832.D
 Acq: 4 Nov 2020 14:13

Tgt Ion:101 Resp: 6284
 Ion Ratio Lower Upper
 101 100
 151 72.3 58.9 88.3

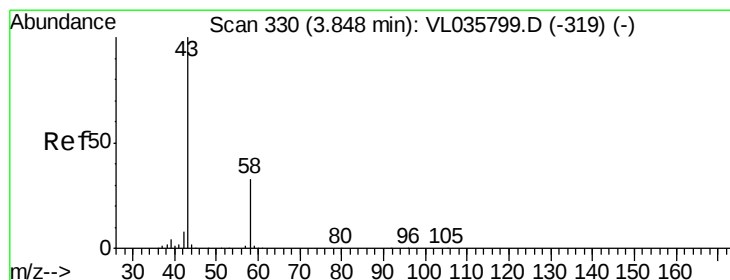
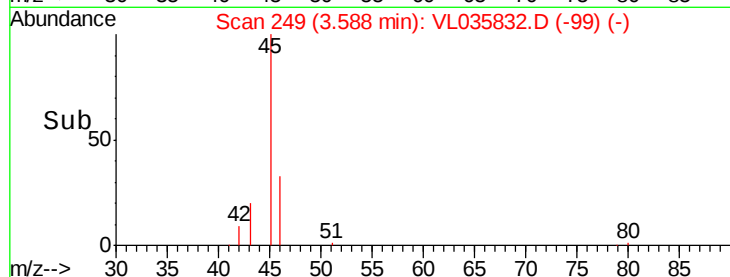
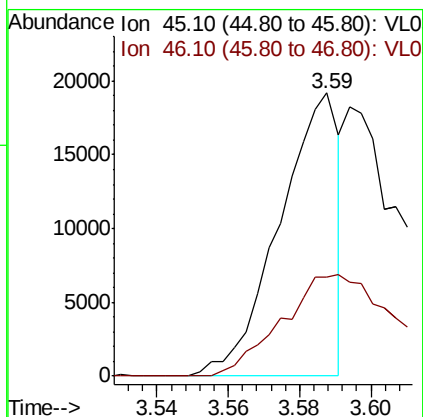
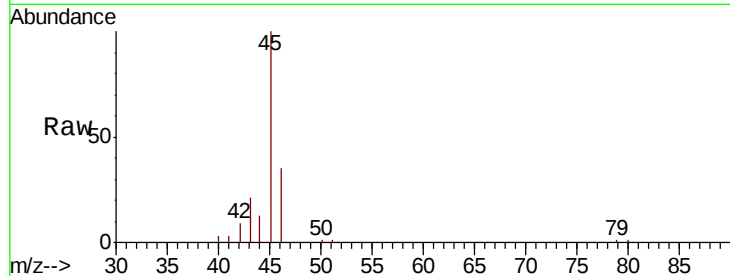




#13
Ethanol
Concen: 2.042 ppbv
RT: 3.59 min Scan# 249
Delta R.T. -0.02 min
Lab File: VL035832.D
Acq: 4 Nov 2020 14:13

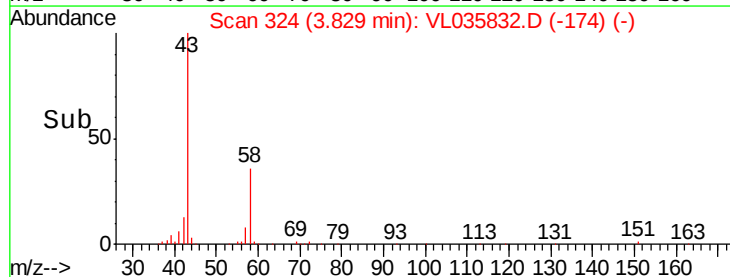
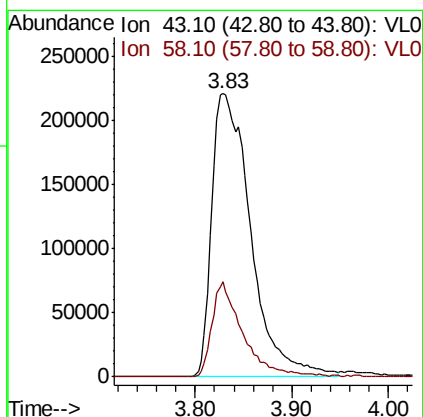
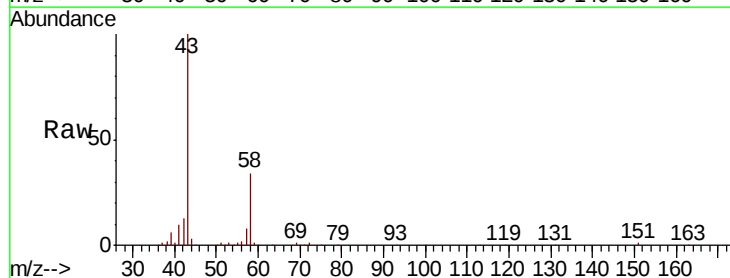
Instrument :
MSVOA_L
ClientSampled :

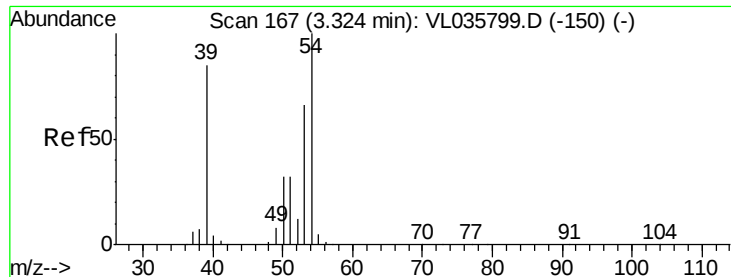
Tot Ion: 45 Resp: 22187
Ion Ratio Lower Upper
45 100
46 0.0 16.1 64.5#



#15
Acetone
Concen: 5.057 ppbv
RT: 3.83 min Scan# 324
Delta R.T. -0.02 min
Lab File: VL035832.D
Acq: 4 Nov 2020 14:13

Tgt Ion: 43 Resp: 617575
Ion Ratio Lower Upper
43 100
58 27.1 27.5 41.3#

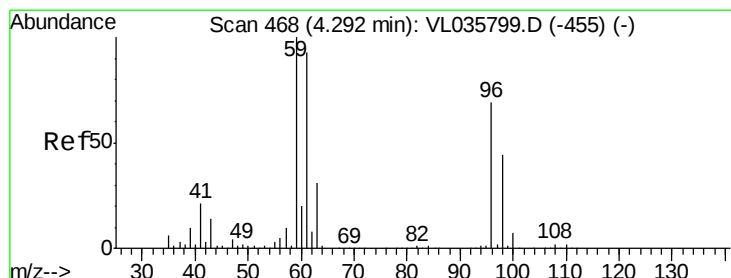
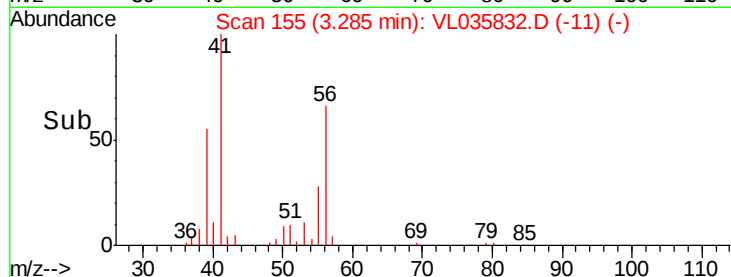
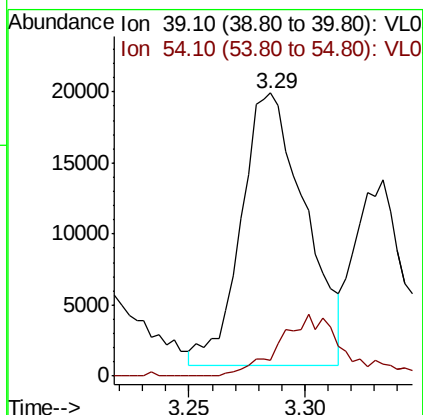
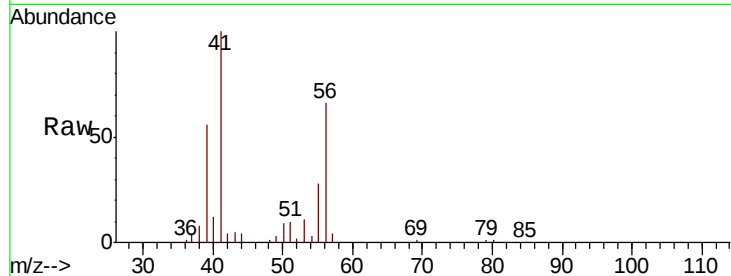




#16
1,3-Butadiene
Concen: 0.699 ppbv
RT: 3.29 min Scan# 155
Delta R.T. -0.04 min
Lab File: VL035832.D
Acq: 4 Nov 2020 14:13

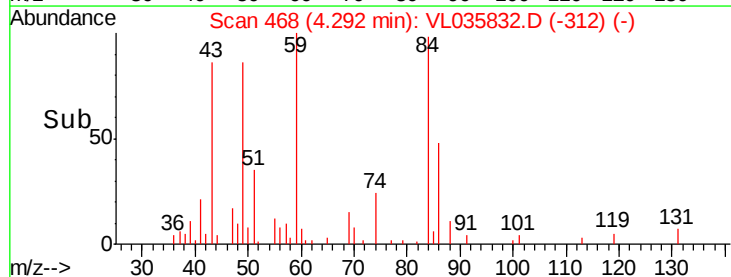
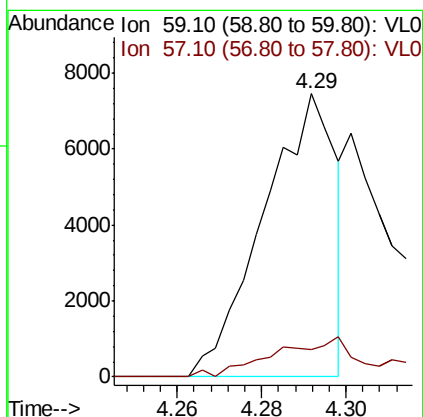
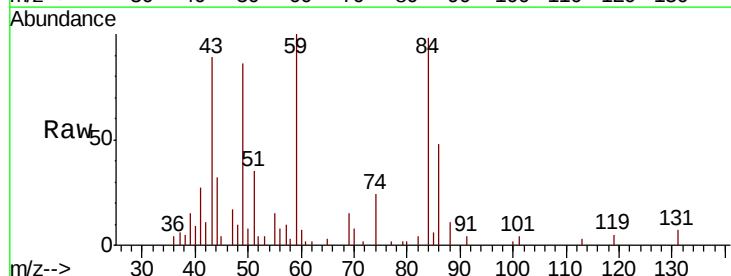
Instrument :
MSVOA_L
ClientSampleId :

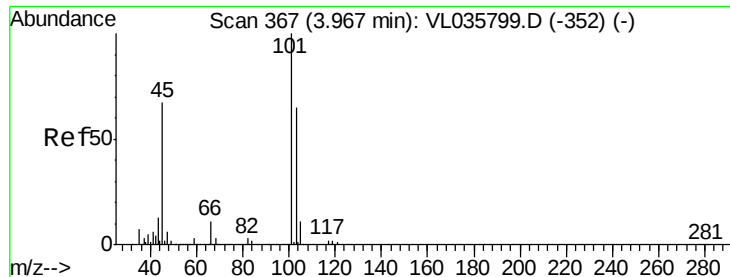
Tot Ion: 39 Resp: 36772
Ion Ratio Lower Upper
39 100
54 23.5 87.1 130.7#



#17
tert-Butyl alcohol
Concen: 0.055 ppbv
RT: 4.29 min Scan# 468
Delta R.T. 0.00 min
Lab File: VL035832.D
Acq: 4 Nov 2020 14:13

Tgt Ion: 59 Resp: 8856
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#





#19

Isopropyl Alcohol

Concen: 0.279 ppbv

RT: 3.98 min Scan# 370

Delta R.T. 0.01 min

Lab File: VL035832.D

Acq: 4 Nov 2020 14:13

Instrument :

MSVOA_L

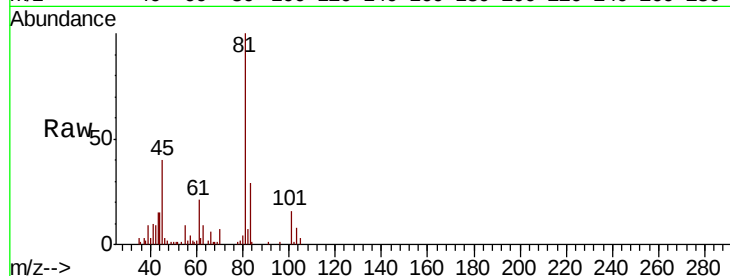
ClientSampled :

Tot Ion: 45 Resp: 20909

Ion Ratio Lower Upper

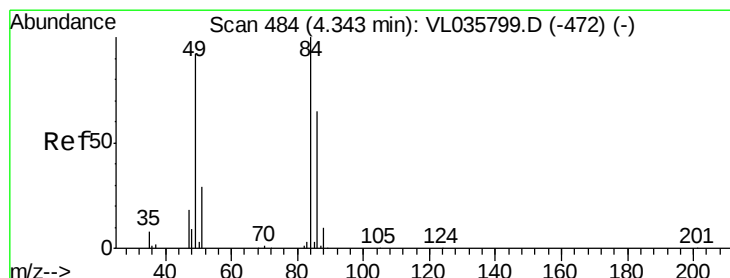
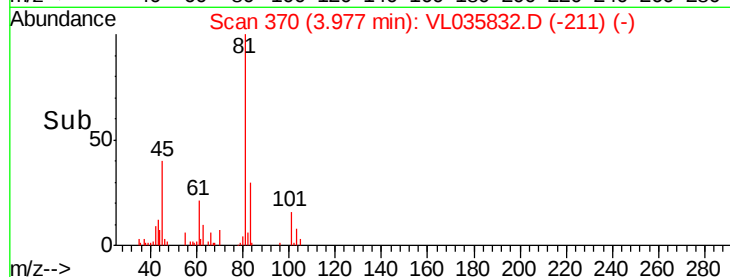
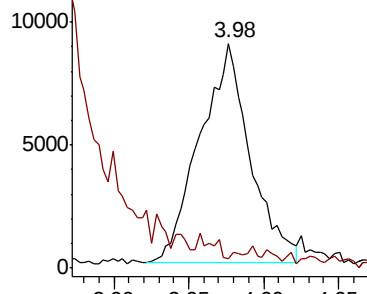
45 100

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: 4.087 ppbv

RT: 4.32 min Scan# 476

Delta R.T. -0.03 min

Lab File: VL035832.D

Acq: 4 Nov 2020 14:13

Tgt Ion: 84 Resp: 351405

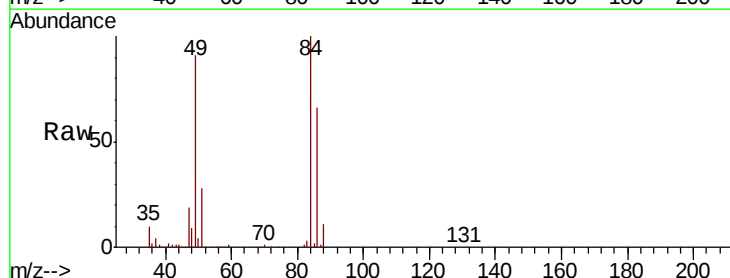
Ion Ratio Lower Upper

84 100

49 91.0 73.8 110.8

51 28.1 23.0 34.4

86 65.8 52.1 78.1

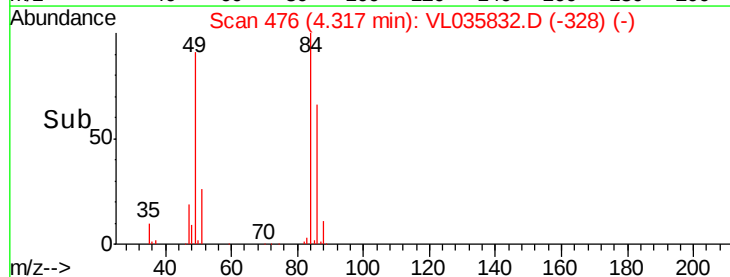
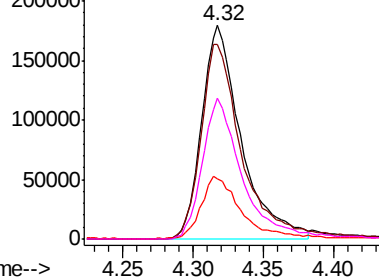


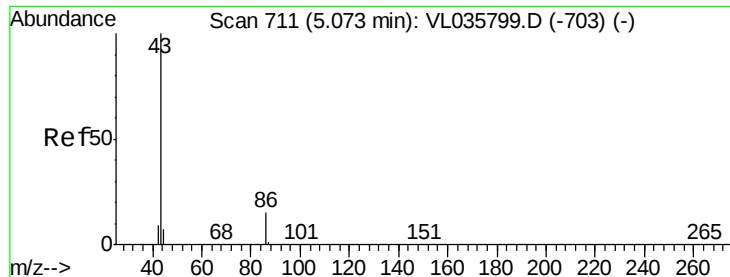
Abundance Ion 84.00 (83.70 to 84.70): VL0

Ion 49.10 (48.80 to 49.80): VL0

Ion 51.10 (50.80 to 51.80): VL0

Ion 86.00 (85.70 to 86.70): VL0





#23

Vinyl Acetate

Concen: 0.237 ppbv

RT: 5.03 min Scan# 697

Delta R.T. -0.04 min

Lab File: VL035832.D

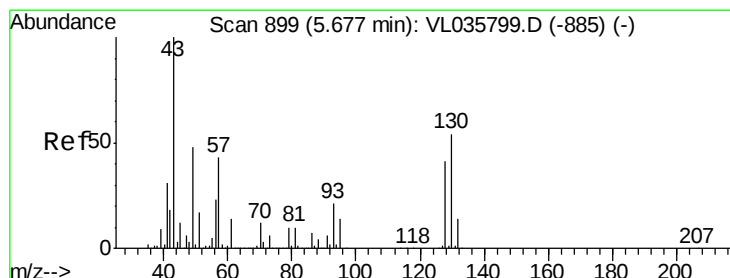
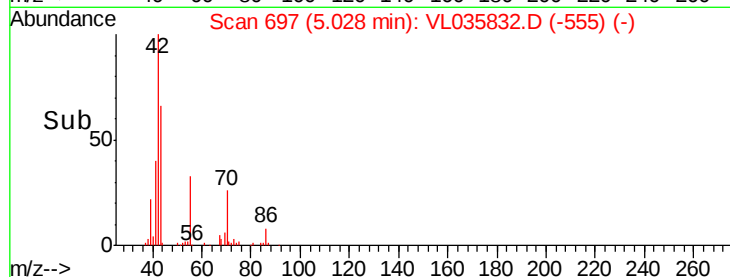
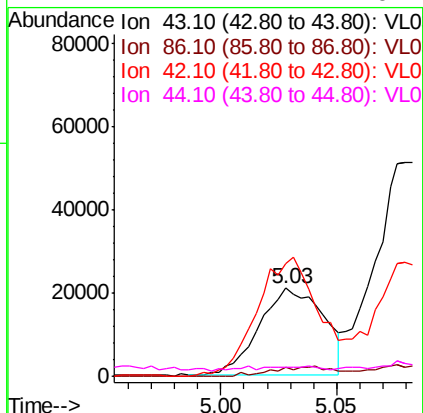
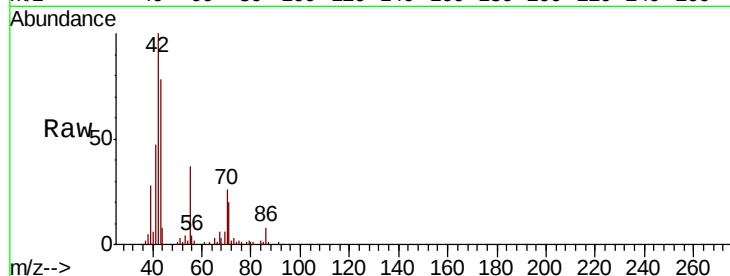
Acq: 4 Nov 2020 14:13

Instrument :

MSVOA_L

ClientSampleId :

Tot Ion:	43	Resp:	40509
Ion	Ratio	Lower	Upper
43	100		
86	10.6	9.8	14.6
42	129.7	8.1	12.1#
44	2.7	4.2	6.4#



#25

Ethyl Acetate

Concen: 0.689 ppbv

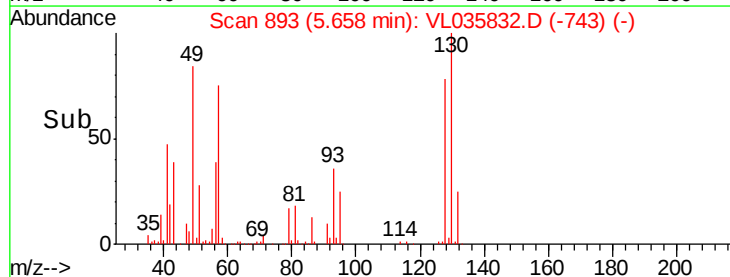
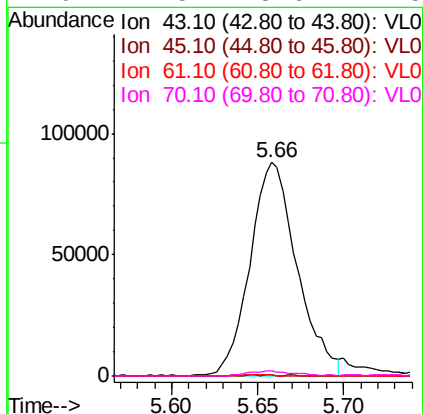
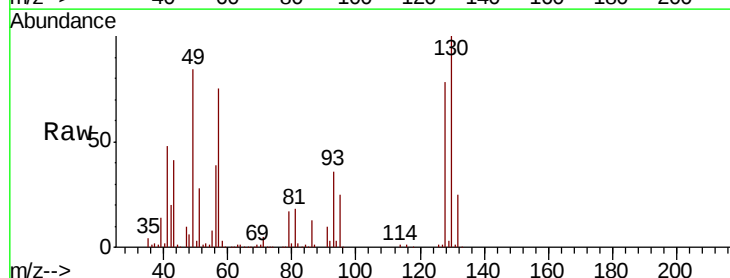
RT: 5.66 min Scan# 893

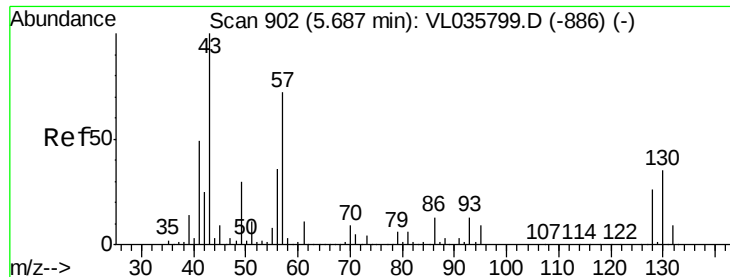
Delta R.T. -0.02 min

Lab File: VL035832.D

Acq: 4 Nov 2020 14:13

Tgt Ion:	43	Resp:	165756
Ion	Ratio	Lower	Upper
43	100		
45	0.6	8.5	12.7#
61	0.4	10.7	16.1#
70	2.5	8.6	12.8#

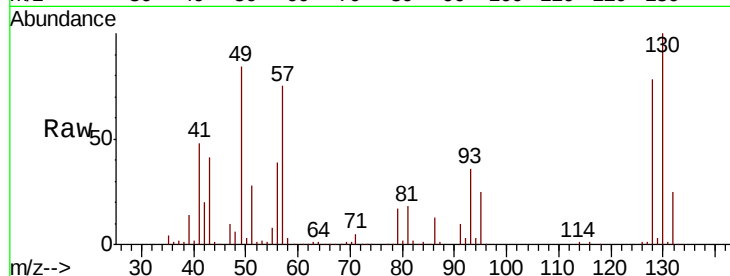




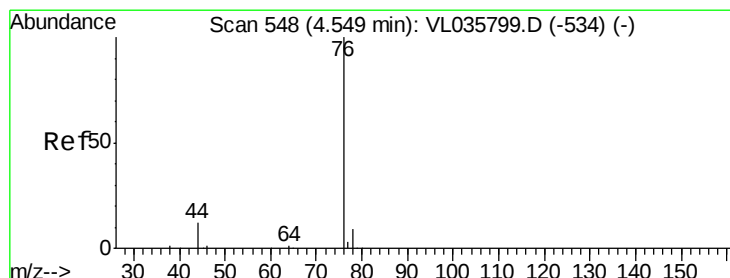
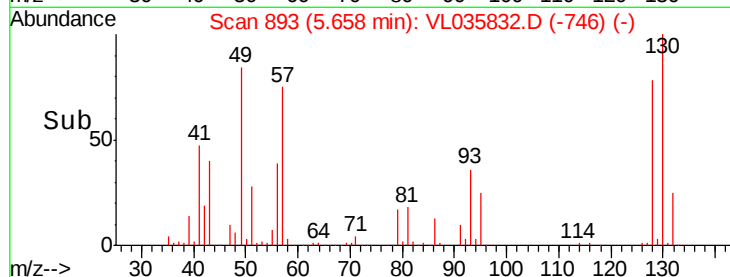
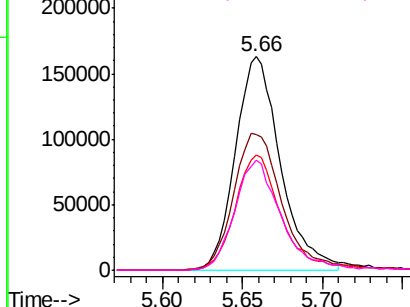
#26
Hexane
Concen: 2.357 ppbv
RT: 5.66 min Scan# 893
Delta R.T. -0.03 min
Lab File: VL035832.D
Acq: 4 Nov 2020 14:13

Instrument :
MSVOA_L
ClientSampled :

Tot Ion: 57 Resp: 312699
Ion Ratio Lower Upper
57 100
41 71.7 58.9 88.3
43 56.6 150.2 225.2#
56 54.2 42.4 63.6

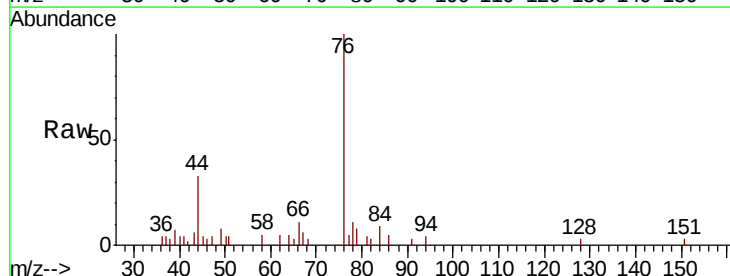


Abundance Ion 57.10 (56.80 to 57.80): VL0
250000 Ion 41.10 (40.80 to 41.80): VL0
200000 Ion 43.10 (42.80 to 43.80): VL0
150000 Ion 56.10 (55.80 to 56.80): VL0
100000
50000
0

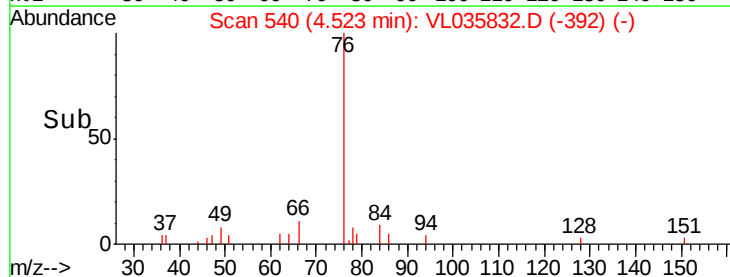
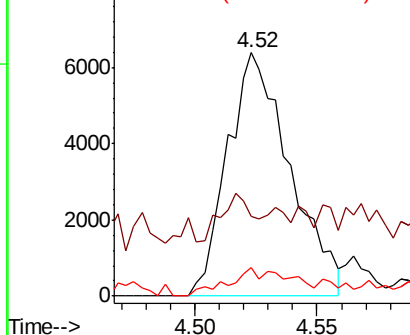


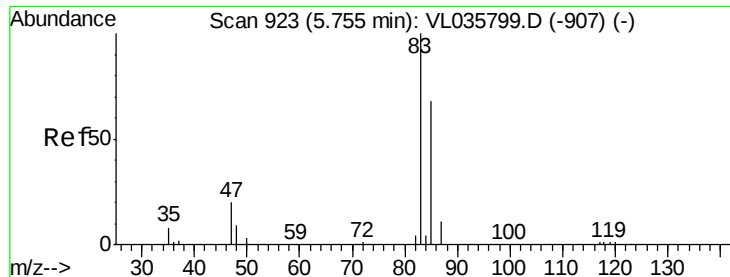
#27
Carbon Disulfide
Concen: 0.057 ppbv
RT: 4.52 min Scan# 540
Delta R.T. -0.03 min
Lab File: VL035832.D
Acq: 4 Nov 2020 14:13

Tgt Ion: 76 Resp: 11394
Ion Ratio Lower Upper
76 100
44 16.7 9.9 14.9#
78 17.6 8.1 12.1#



Abundance Ion 76.00 (75.70 to 76.70): VL0
8000 Ion 44.10 (43.80 to 44.80): VL0
6000 Ion 78.00 (77.70 to 78.70): VL0
4000
2000
0

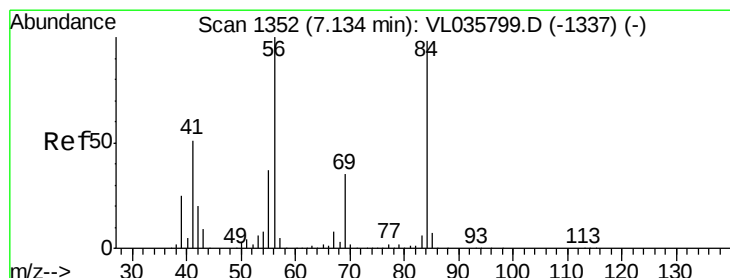
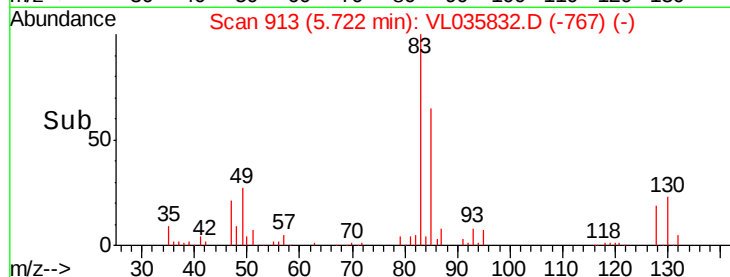
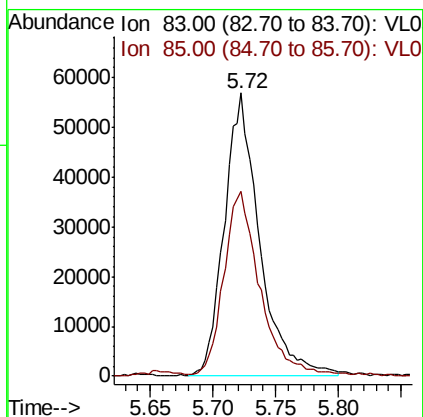
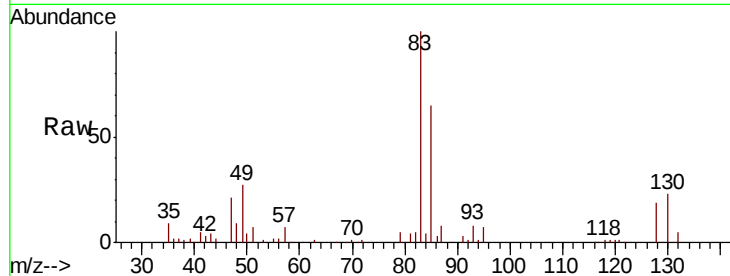




#29
Chloroform
Concen: 0.427 ppbv
RT: 5.72 min Scan# 913
Delta R.T. -0.03 min
Lab File: VL035832.D
Acq: 4 Nov 2020 14:13

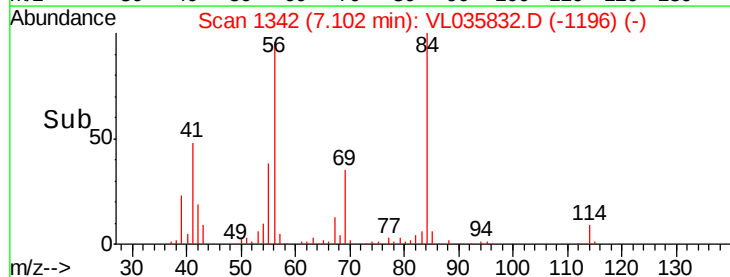
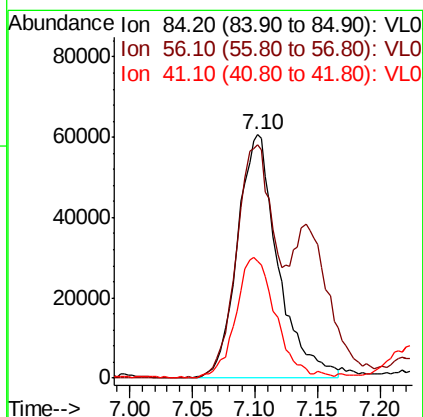
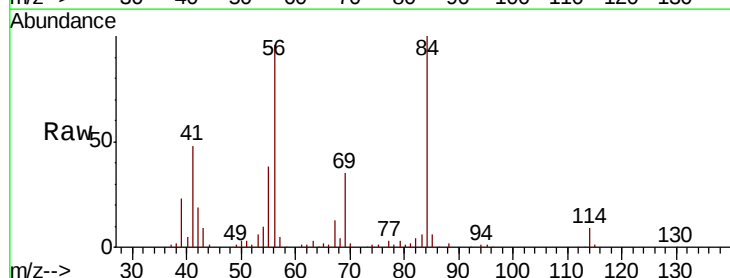
Instrument :
MSVOA_L
ClientSampleId :

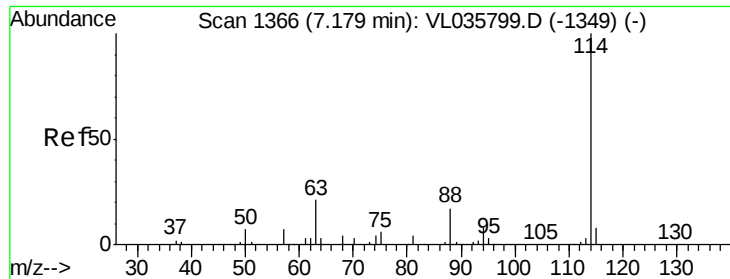
Tot Ion: 83 Resp: 111384
Ion Ratio Lower Upper
83 100
85 64.6 54.6 81.8



#30
Cyclohexane
Concen: 0.947 ppbv
RT: 7.10 min Scan# 1342
Delta R.T. -0.03 min
Lab File: VL035832.D
Acq: 4 Nov 2020 14:13

Tgt Ion: 84 Resp: 136799
Ion Ratio Lower Upper
84 100
56 94.3 86.4 129.6
41 48.0 42.1 63.1

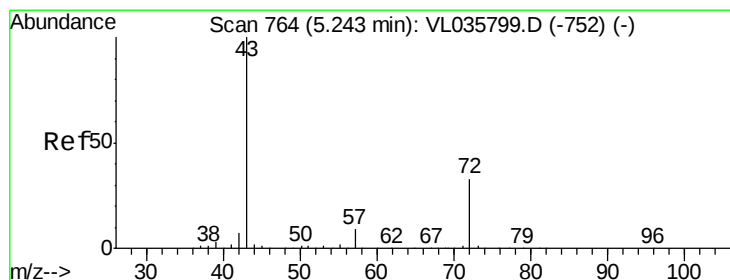
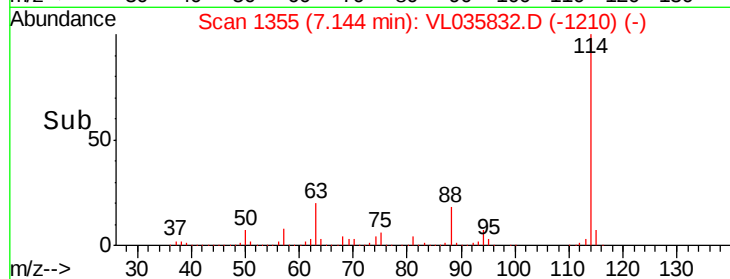
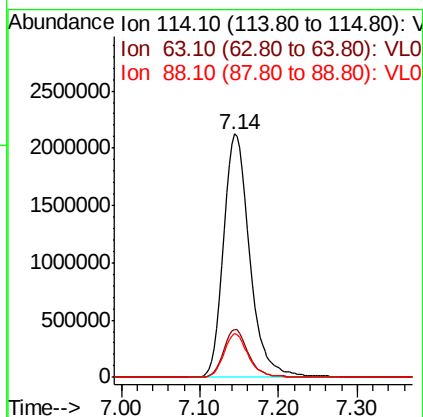
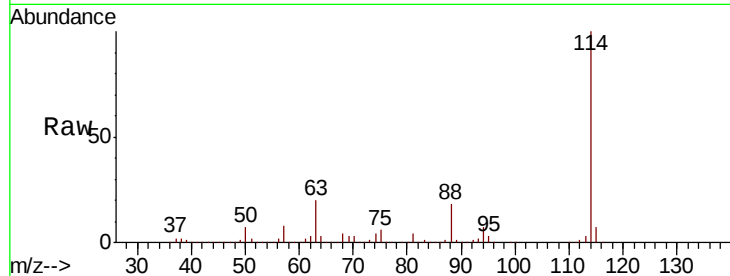




#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.14 min Scan# 1355
 Delta R.T. -0.04 min
 Lab File: VL035832.D
 Acq: 4 Nov 2020 14:13

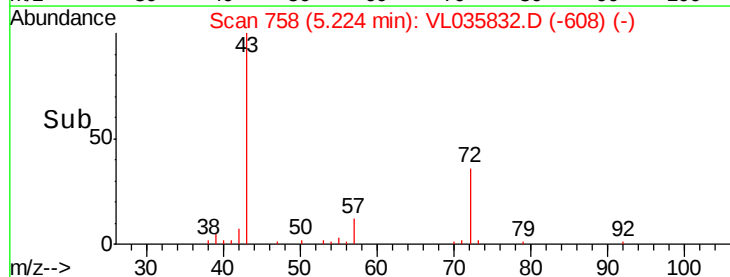
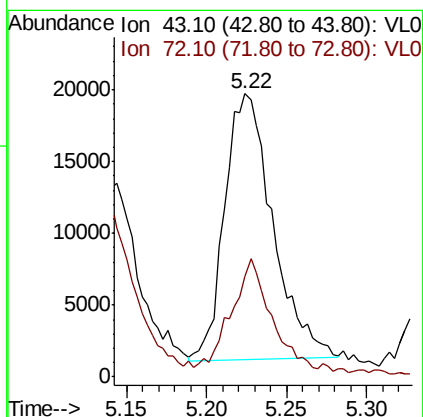
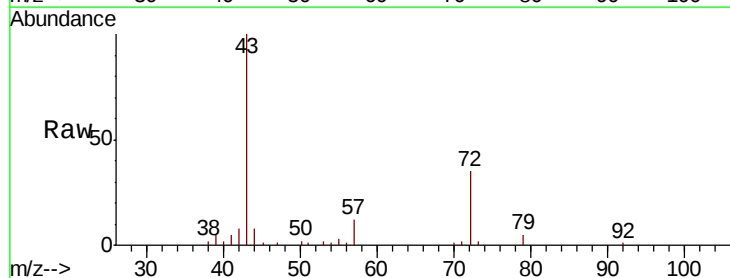
Instrument :
 MSVOA_L
 ClientSampleId :

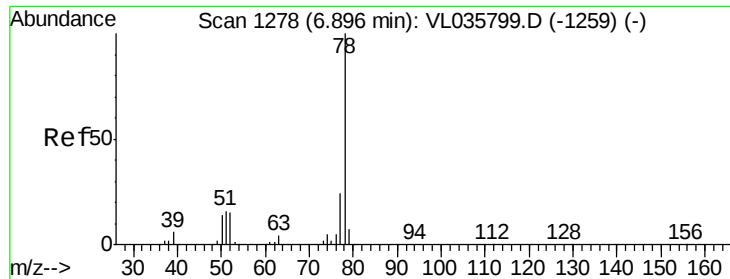
Tot Ion:114 Resp: 4892243
 Ion Ratio Lower Upper
 114 100
 63 18.7 16.1 24.1
 88 16.9 13.7 20.5



#34
 2-Butanone
 Concen: 0.240 ppbv
 RT: 5.22 min Scan# 758
 Delta R.T. -0.02 min
 Lab File: VL035832.D
 Acq: 4 Nov 2020 14:13

Tgt Ion: 43 Resp: 38144
 Ion Ratio Lower Upper
 43 100
 72 41.7 26.5 39.7#





#36

Benzene

Concen: 0.295 ppbv

RT: 6.86 min Scan# 1267

Delta R.T. -0.04 min

Lab File: VL035832.D

Acq: 4 Nov 2020 14:13

Instrument :

MSVOA_L

ClientSampleId :

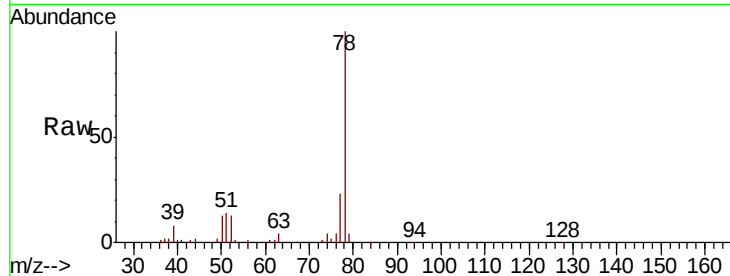
Tot Ion: 78 Resp: 107182

Ion Ratio Lower Upper

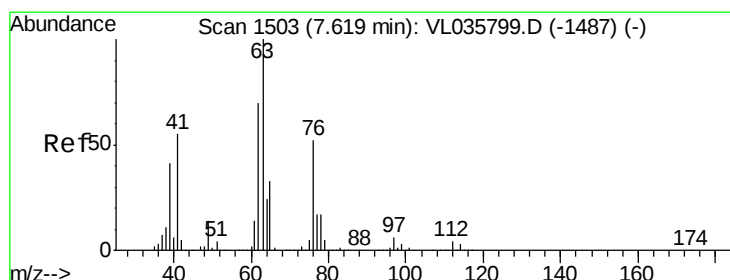
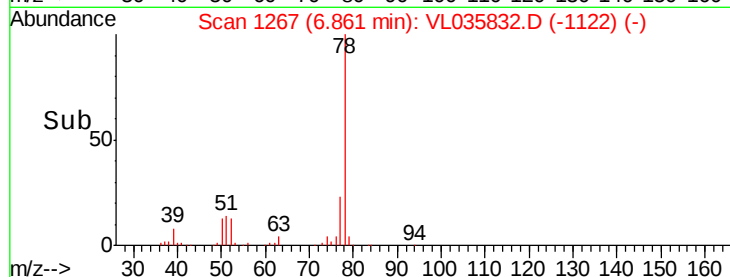
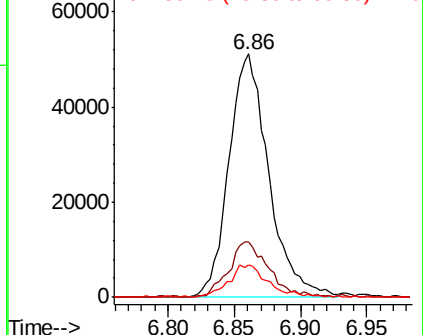
78 100

77 23.0 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



#39

1,2-Dichloropropane

Concen: 7.342 ppbv

RT: 7.14 min Scan# 1355

Delta R.T. -0.48 min

Lab File: VL035832.D

Acq: 4 Nov 2020 14:13

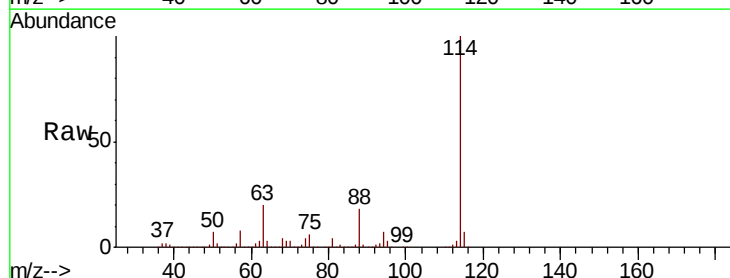
Tgt Ion: 63 Resp: 899085

Ion Ratio Lower Upper

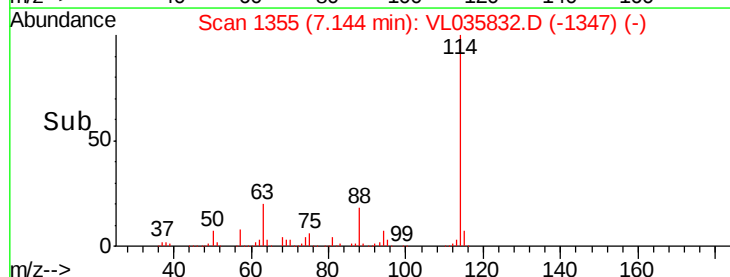
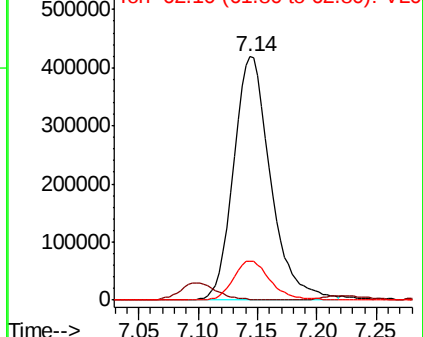
63 100

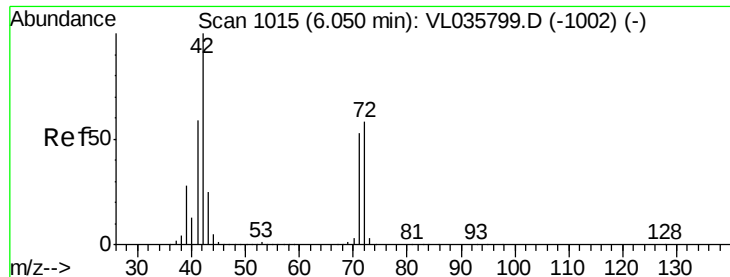
41 0.0 43.8 65.6#

62 15.8 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: 0.261 ppbv

RT: 6.29 min Scan# 1088

Delta R.T. 0.23 min

Lab File: VL035832.D

Acq: 4 Nov 2020 14:13

Instrument :

MSVOA_L

ClientSampled :

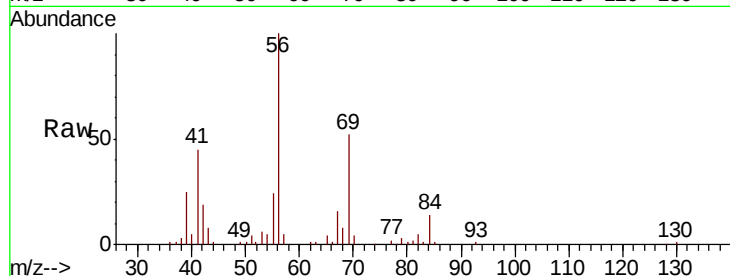
Tot Ion: 42 Resp: 23518

Ion Ratio Lower Upper

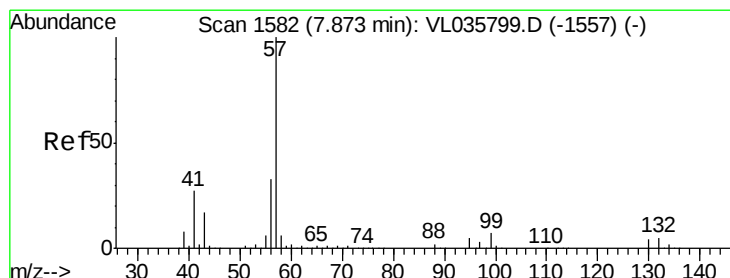
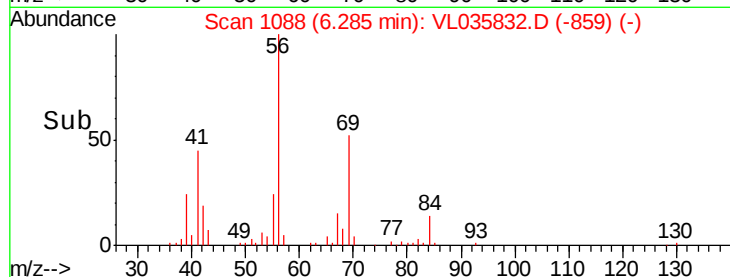
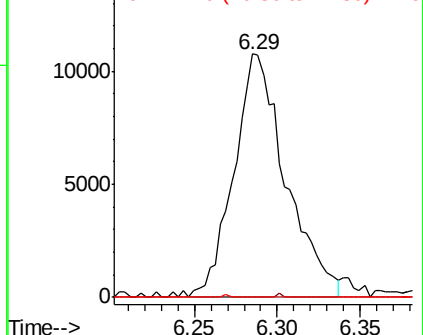
42 100

72 0.0 45.4 68.0#

71 0.0 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: 0.040 ppbv

RT: 7.84 min Scan# 1571

Delta R.T. -0.04 min

Lab File: VL035832.D

Acq: 4 Nov 2020 14:13

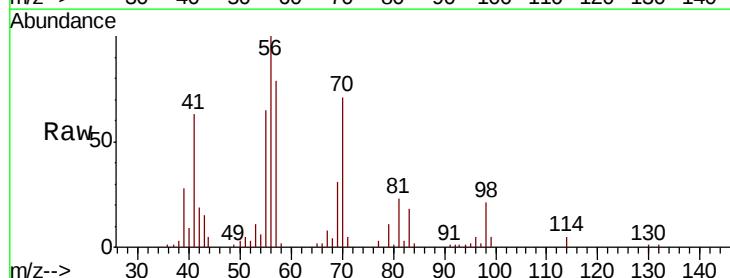
Tgt Ion: 57 Resp: 19210

Ion Ratio Lower Upper

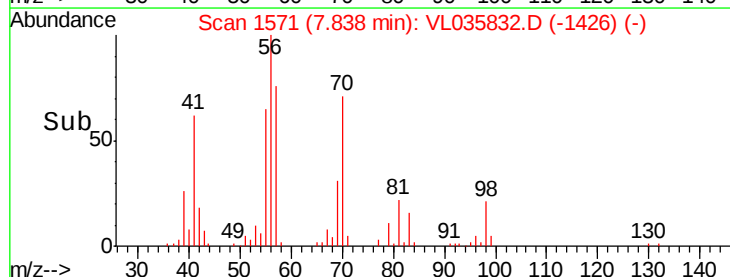
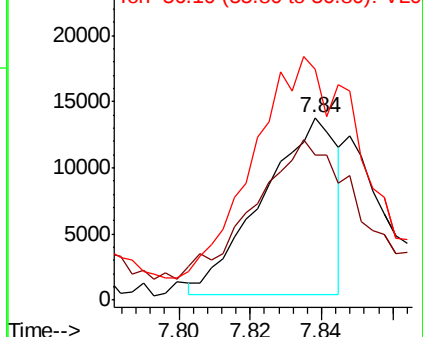
57 100

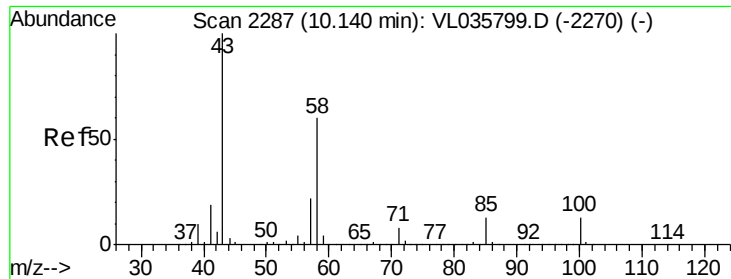
41 146.1 21.0 31.4#

56 226.9 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

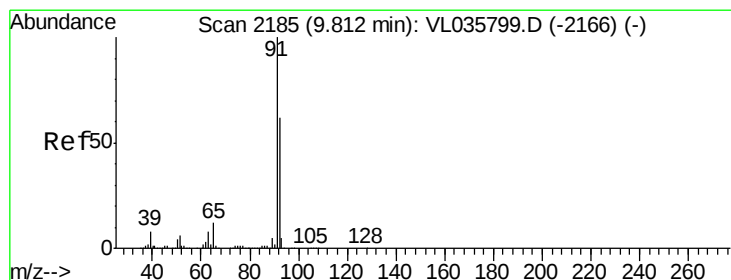
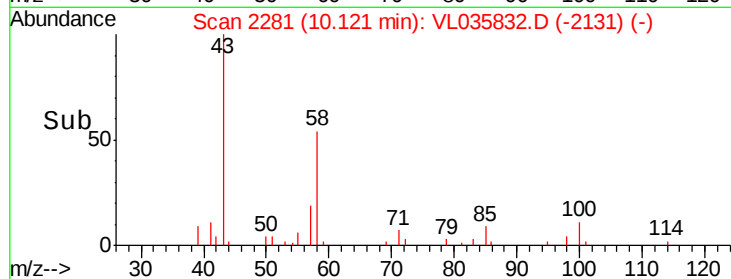
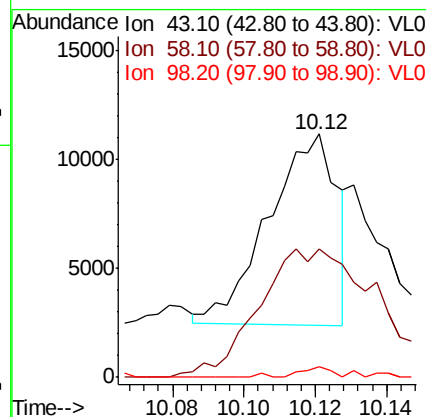
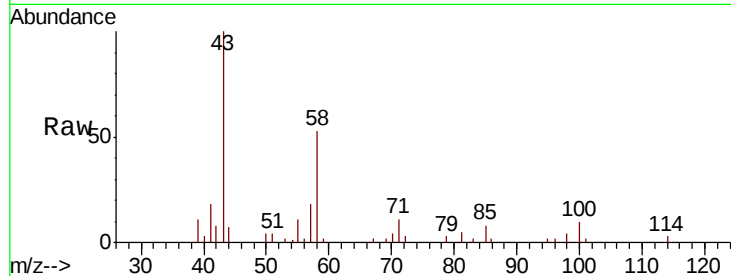




#51
2-Hexanone
Concen: 0.060 ppbv
RT: 10.12 min Scan# 2281
Delta R.T. -0.02 min
Lab File: VL035832.D
Acq: 4 Nov 2020 14:13

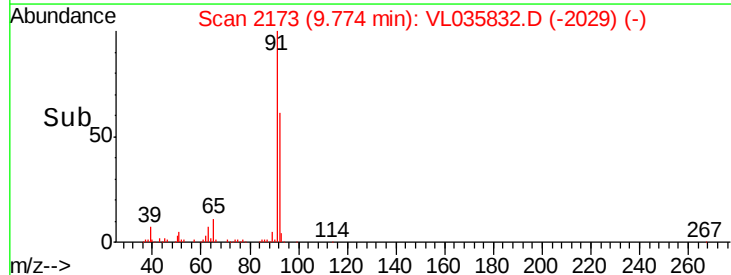
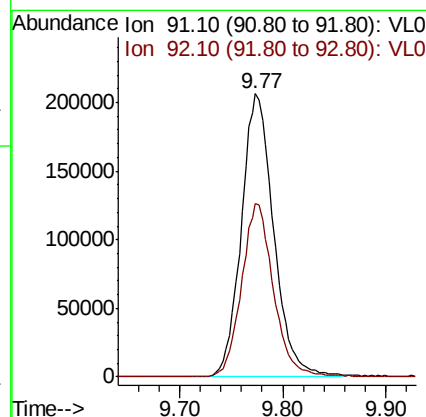
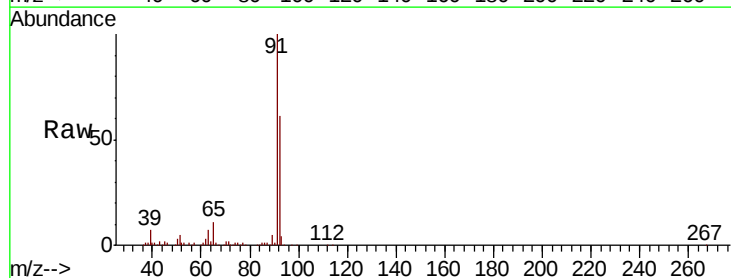
Instrument :
MSVOA_L
ClientSampled :

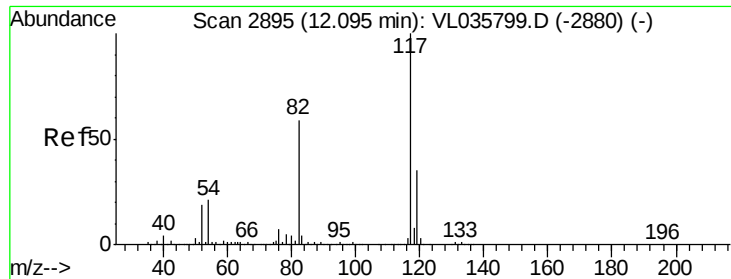
Tot Ion: 43 Resp: 11630
Ion Ratio Lower Upper
43 100
58 127.2 48.3 72.5#
98 3.8 0.6 0.8#



#53
Toluene
Concen: 1.026 ppbv
RT: 9.77 min Scan# 2173
Delta R.T. -0.04 min
Lab File: VL035832.D
Acq: 4 Nov 2020 14:13

Tgt Ion: 91 Resp: 450381
Ion Ratio Lower Upper
91 100
92 60.4 49.8 74.6

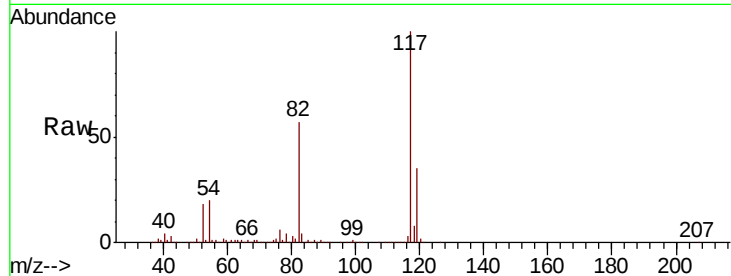




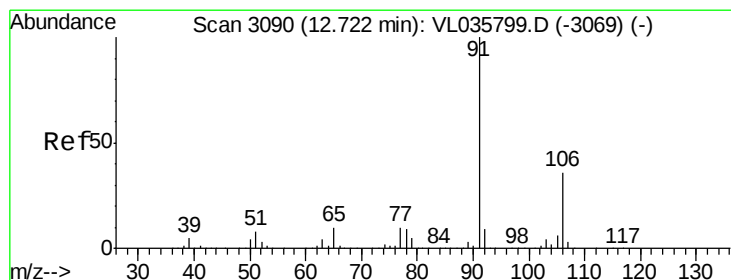
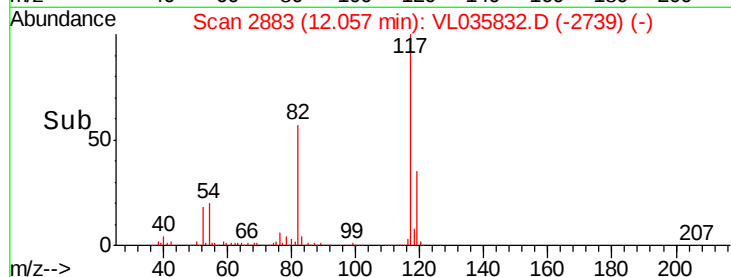
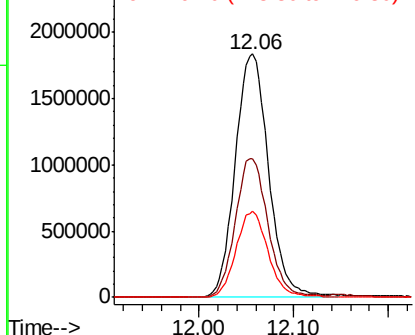
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.06 min Scan# 2883
Delta R.T. -0.04 min
Lab File: VL035832.D
Acq: 4 Nov 2020 14:13

Instrument :
MSVOA_L
ClientSampleId :

Tot Ion:117 Resp: 4506737
Ion Ratio Lower Upper
117 100
82 56.1 50.6 76.0
119 34.7 52.6 78.8#

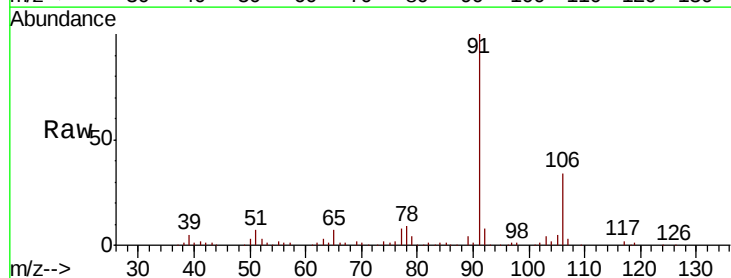


Abundance Ion 117.10 (116.80 to 117.80): V
2500000
Ion 82.10 (81.80 to 82.80): VL0
Ion 119.10 (118.80 to 119.80): V

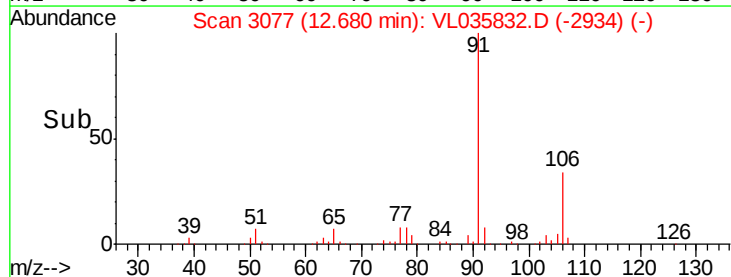
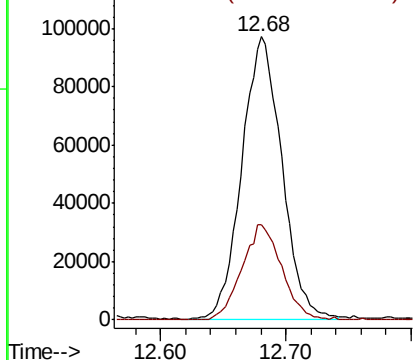


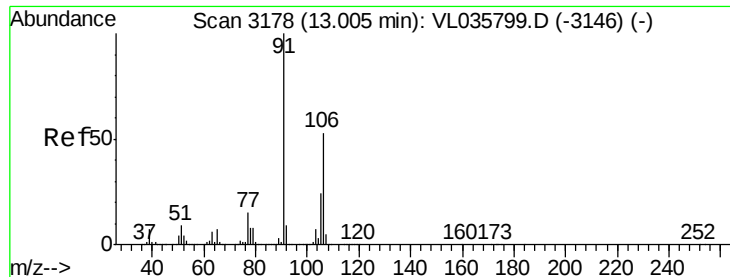
#58
Ethyl Benzene
Concen: 0.390 ppbv
RT: 12.68 min Scan# 3077
Delta R.T. -0.04 min
Lab File: VL035832.D
Acq: 4 Nov 2020 14:13

Tgt Ion: 91 Resp: 213913
Ion Ratio Lower Upper
91 100
106 33.9 28.6 43.0



Abundance Ion 91.10 (90.80 to 91.80): VL0
100000
Ion 106.10 (105.80 to 106.80): V





#59

m/p-Xylene

Concen: 1.193 ppbv

RT: 12.93 min Scan# 3156

Delta R.T. -0.07 min

Lab File: VL035832.D

Acq: 4 Nov 2020 14:13

Instrument :

MSVOA_L

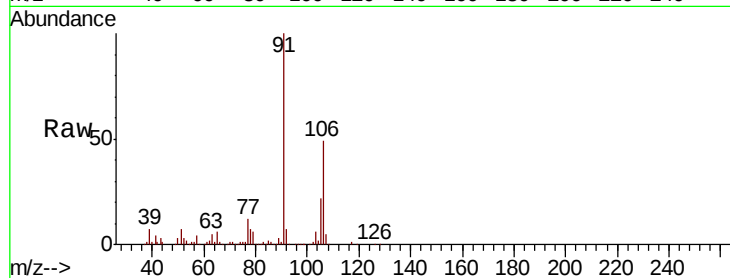
ClientSampled :

Tot Ion: 91 Resp: 554055

Ion Ratio Lower Upper

91 100

106 52.3 39.5 59.3



Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 106.10 (105.80 to 106.80): V

12.93

200000

150000

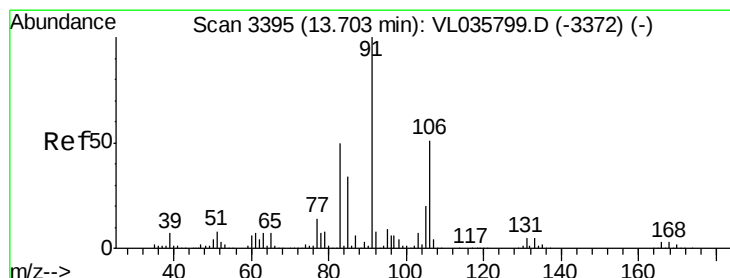
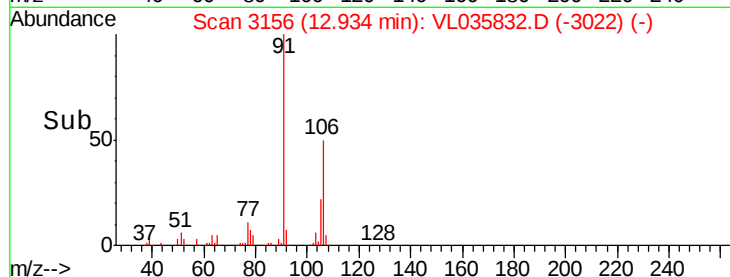
100000

50000

0

12.90 13.00

Time-->



#60

o-Xylene

Concen: 0.508 ppbv

RT: 13.66 min Scan# 3382

Delta R.T. -0.04 min

Lab File: VL035832.D

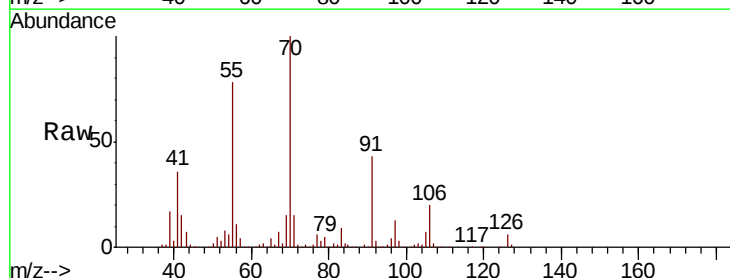
Acq: 4 Nov 2020 14:13

Tgt Ion: 91 Resp: 229506

Ion Ratio Lower Upper

91 100

106 48.6 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

120000

100000

80000

60000

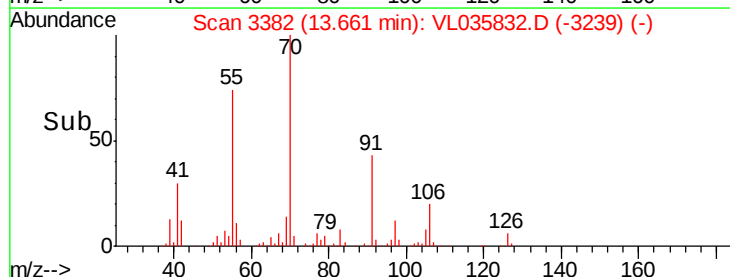
40000

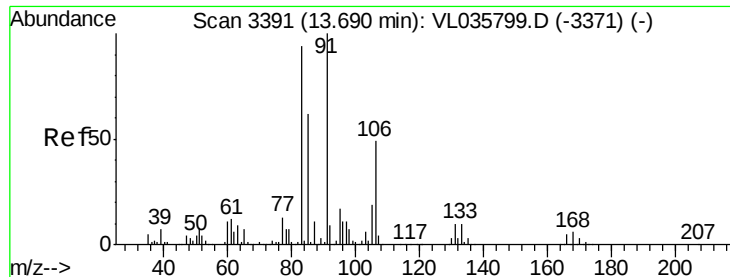
20000

0

13.60 13.70

Time-->

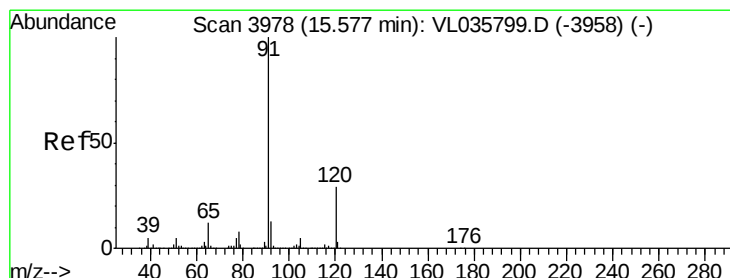
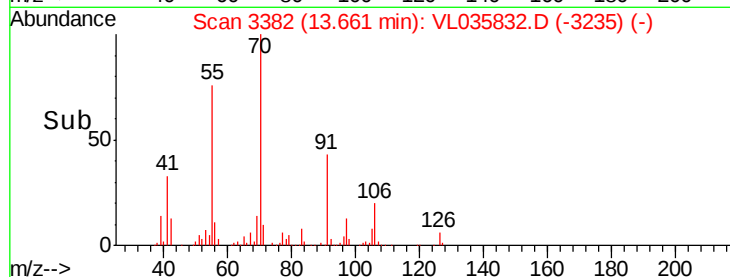
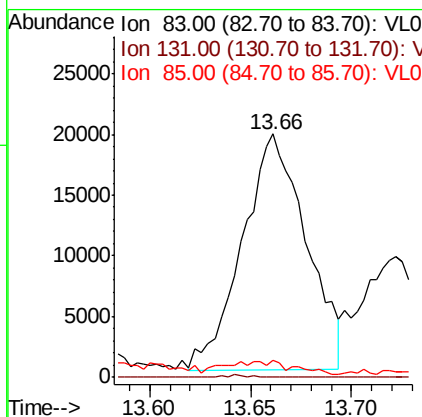
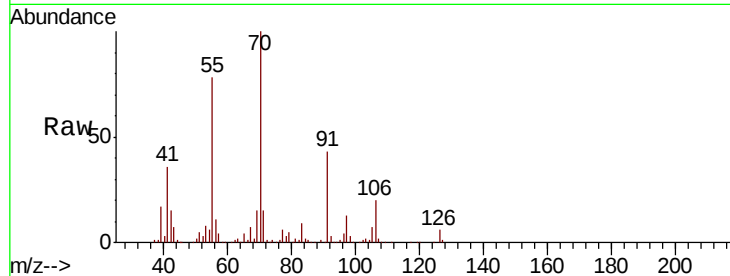




#63
 1,1,2,2-Tetrachloroethane
 Concen: 0.123 ppbv
 RT: 13.66 min Scan# 3382
 Delta R.T. -0.03 min
 Lab File: VL035832.D
 Acq: 4 Nov 2020 14:13

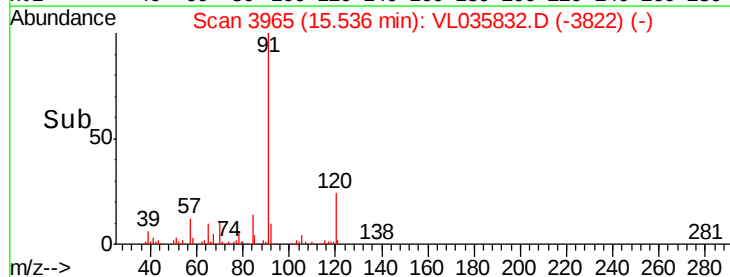
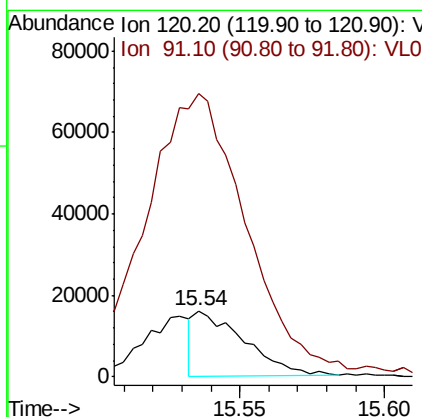
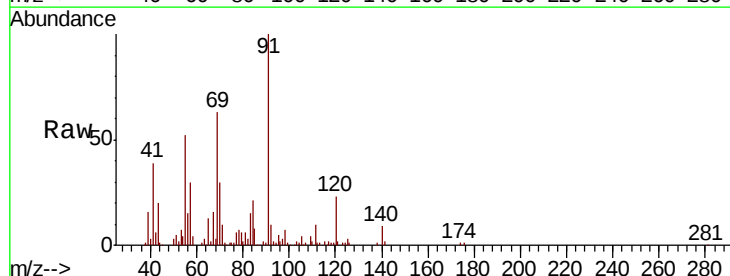
Instrument :
 MSVOA_L
 ClientSampled :

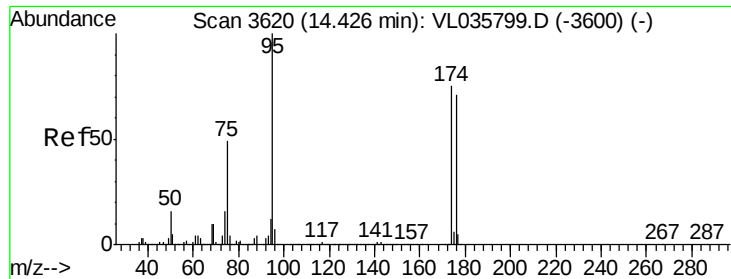
Tot Ion: 83 Resp: 43051
 Ion Ratio Lower Upper
 83 100
 131 0.0 5.3 15.8#
 85 5.0 33.5 100.4#



#64
 n-propylbenzene
 Concen: 0.091 ppbv
 RT: 15.54 min Scan# 3965
 Delta R.T. -0.04 min
 Lab File: VL035832.D
 Acq: 4 Nov 2020 14:13

Tgt Ion:120 Resp: 18698
 Ion Ratio Lower Upper
 120 100
 91 950.8 311.1 466.7#

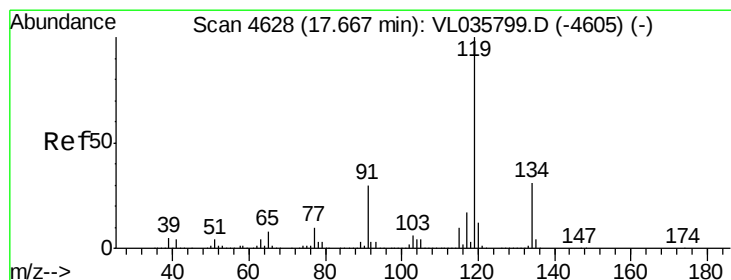
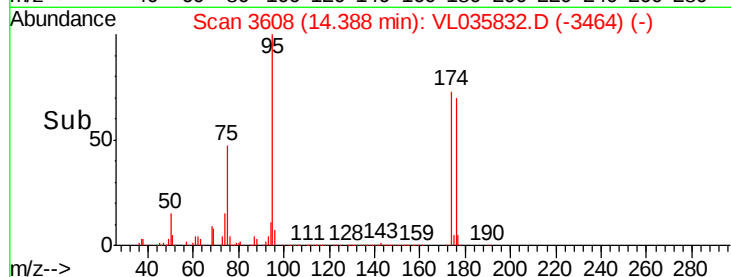
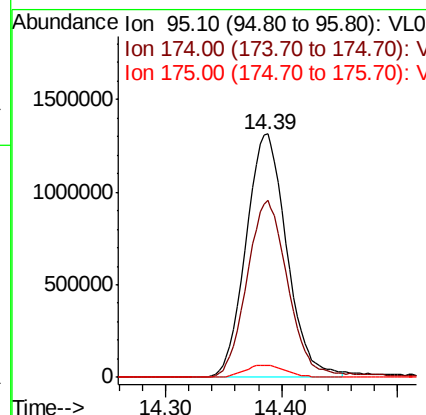
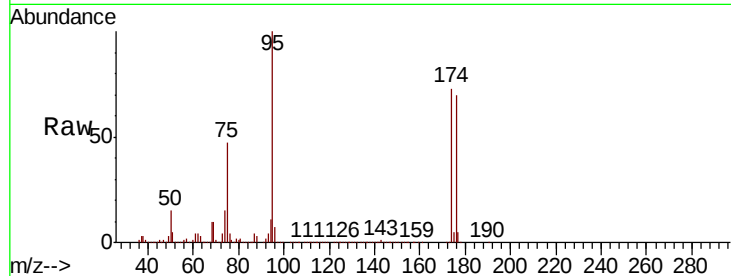




#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.010 ppbv
 RT: 14.39 min Scan# 3608
 Delta R.T. -0.04 min
 Lab File: VL035832.D
 Acq: 4 Nov 2020 14:13

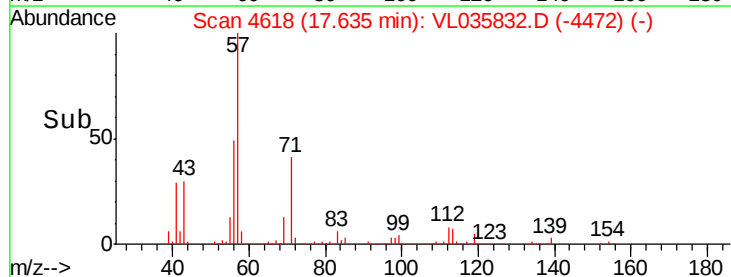
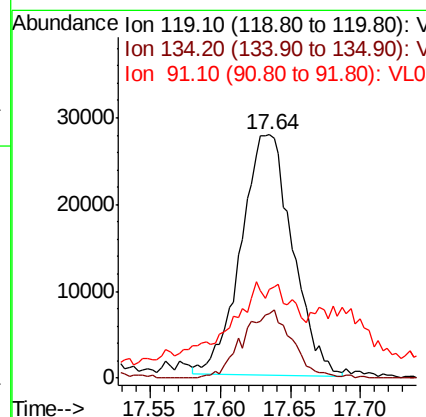
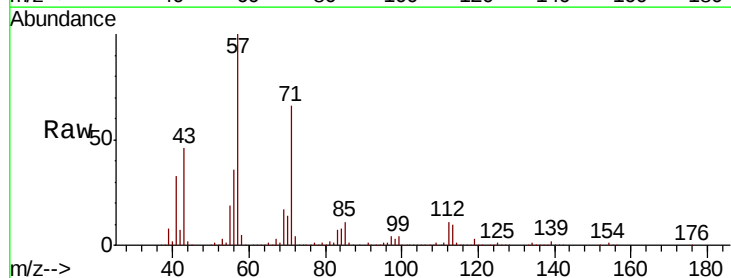
Instrument :
 MSVOA_L
 ClientSampleId :

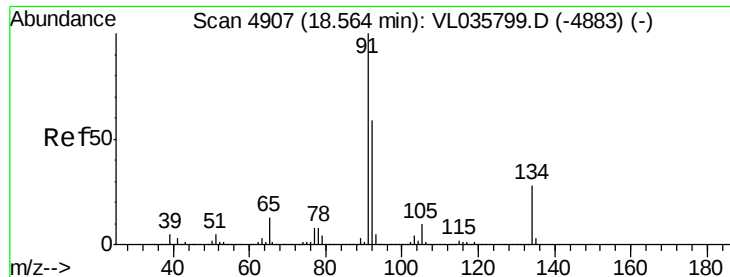
Tot Ion: 95 Resp: 3205288
 Ion Ratio Lower Upper
 95 100
 174 75.4 59.8 89.6
 175 5.3 4.3 6.5



#69
 p-Isopropyltoluene
 Concen: 0.099 ppbv
 RT: 17.64 min Scan# 4618
 Delta R.T. -0.03 min
 Lab File: VL035832.D
 Acq: 4 Nov 2020 14:13

Tgt Ion: 119 Resp: 70908
 Ion Ratio Lower Upper
 119 100
 134 27.2 23.0 34.6
 91 40.4 22.8 34.2#





#70

n-Butylbenzene

Concen: 0.380 ppbv

RT: 18.55 min Scan# 4902

Delta R.T. -0.02 min

Lab File: VL035832.D

Acq: 4 Nov 2020 14:13

Instrument :

MSVOA_L

ClientSampleId :

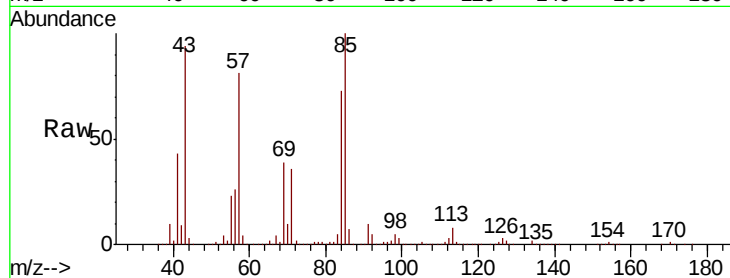
Tot Ion: 91 Resp: 262936

Ion Ratio Lower Upper

91 100

92 55.2 45.7 68.5

134 28.6 21.0 31.4

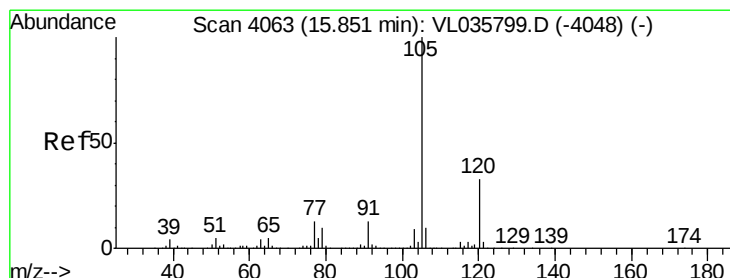
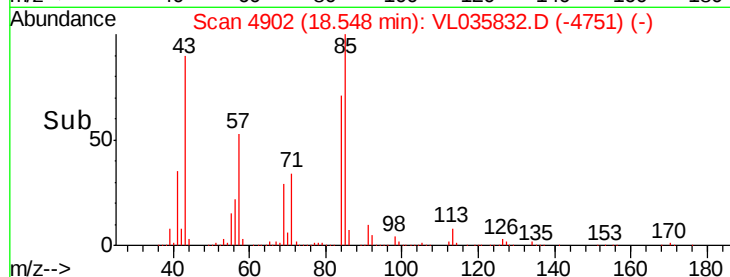
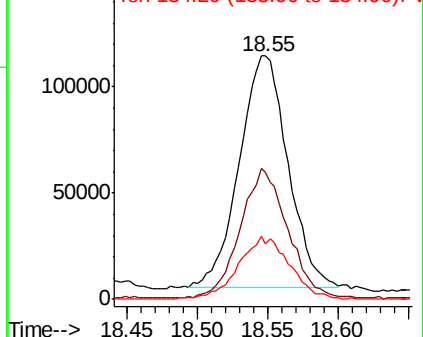


Abundance

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): VL0



#72

4-Ethyltoluene

Concen: 0.178 ppbv

RT: 15.81 min Scan# 4051

Delta R.T. -0.04 min

Lab File: VL035832.D

Acq: 4 Nov 2020 14:13

Tgt Ion: 105 Resp: 97387

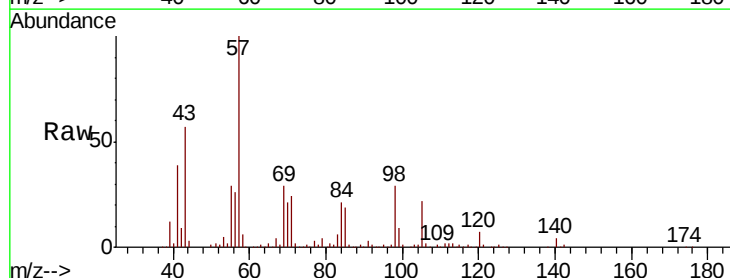
Ion Ratio Lower Upper

105 100

120 32.0 25.9 38.9

91 13.6 9.9 14.9

77 19.8 10.2 15.2#



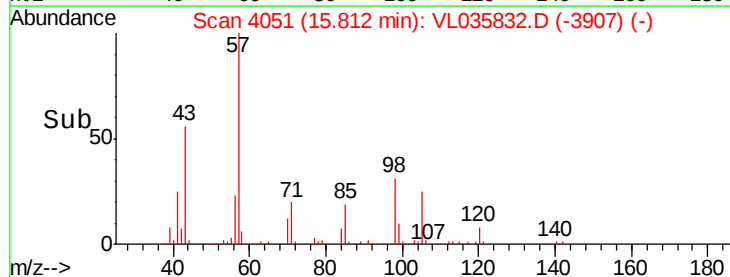
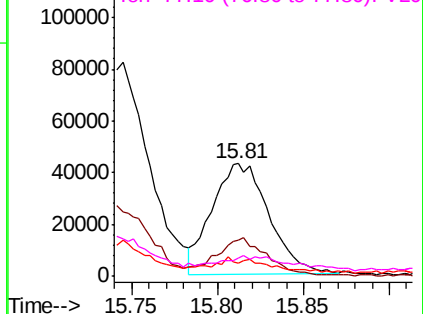
Abundance

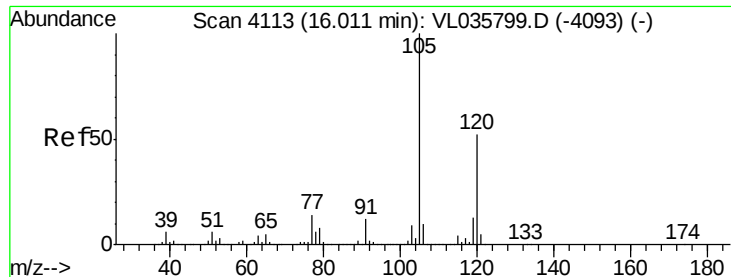
Ion 105.10 (104.80 to 105.80): VL0

Ion 120.20 (119.90 to 120.90): VL0

Ion 91.10 (90.80 to 91.80): VL0

Ion 77.10 (76.80 to 77.80): VL0

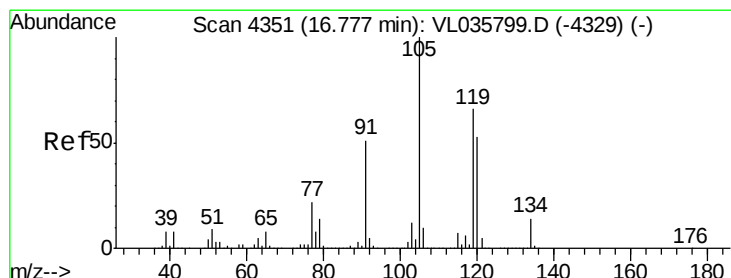
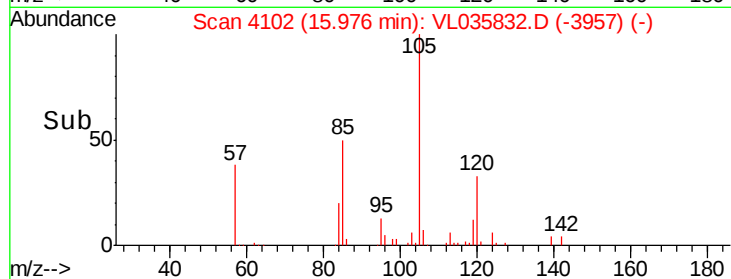
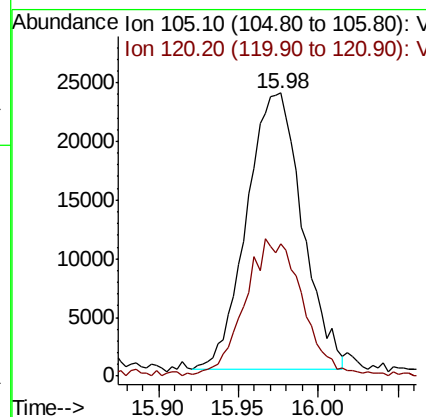
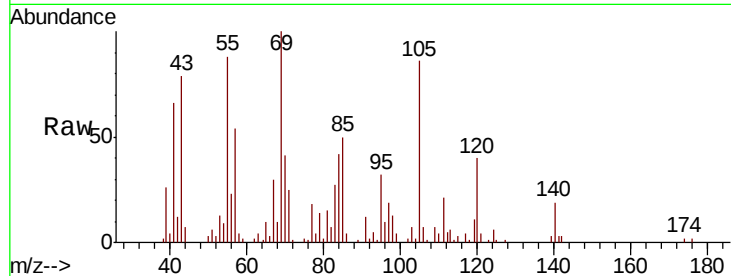




#73
 1,3,5-Trimethylbenzene
 Concen: 0.112 ppbv
 RT: 15.98 min Scan# 4102
 Delta R.T. -0.04 min
 Lab File: VL035832.D
 Acq: 4 Nov 2020 14:13

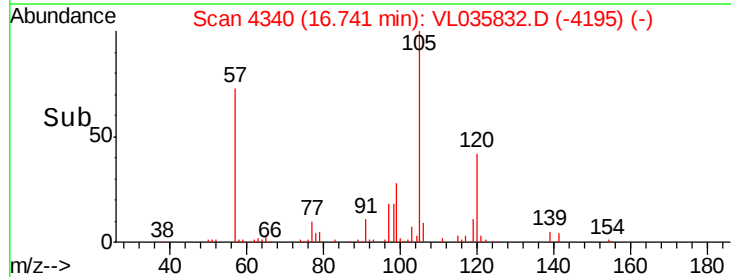
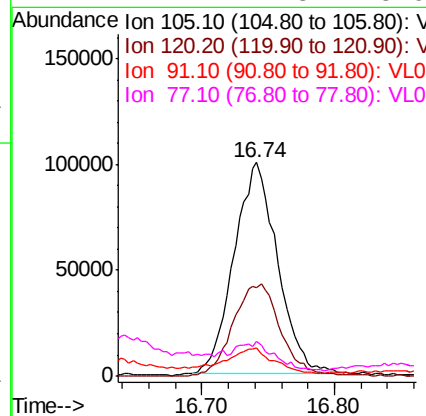
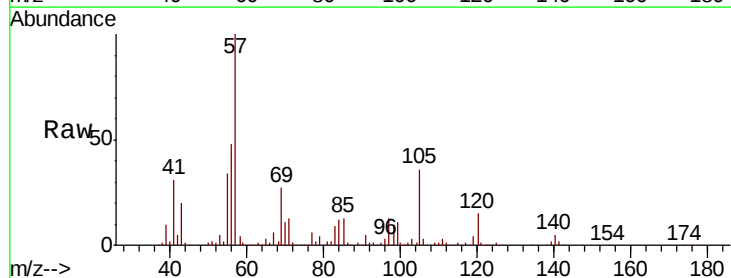
Instrument :
 MSVOA_L
 ClientSampleId :

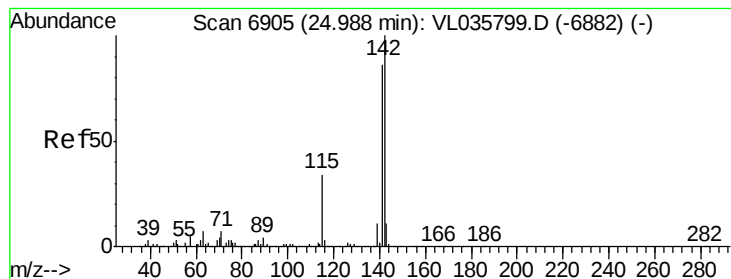
Tot Ion:105 Resp: 55976
 Ion Ratio Lower Upper
 105 100
 120 47.3 41.4 62.2



#74
 1,2,4-Trimethylbenzene
 Concen: 0.420 ppbv
 RT: 16.74 min Scan# 4340
 Delta R.T. -0.04 min
 Lab File: VL035832.D
 Acq: 4 Nov 2020 14:13

Tgt Ion:105 Resp: 225773
 Ion Ratio Lower Upper
 105 100
 120 41.7 42.0 63.0#
 91 11.8 41.0 61.6#
 77 11.7 17.3 25.9#





#80

Naphthalene, 2-methyl-

Concen: 0.060 ppbv

RT: 24.96 min Scan# 6897

Delta R.T. -0.03 min

Lab File: VL035832.D

Acq: 4 Nov 2020 14:13

Instrument :

MSVOA_L

ClientSampleId :

Tot Ion: 142 Resp: 3665

Ion Ratio Lower Upper

142 100

141 67.6 67.8 101.8#

115 29.2 28.1 42.1

