

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL072920\
 Data File : VL035247.D
 Acq On : 29 Jul 2020 15:33
 Operator : SY/AP
 Sample : L3474-02
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Jul 30 02:49:24 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL072920AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jul 29 07:14:29 2020
 QLast Update : Wed Jul 29 07:14:29 2020
 Response via : Initial Calibration

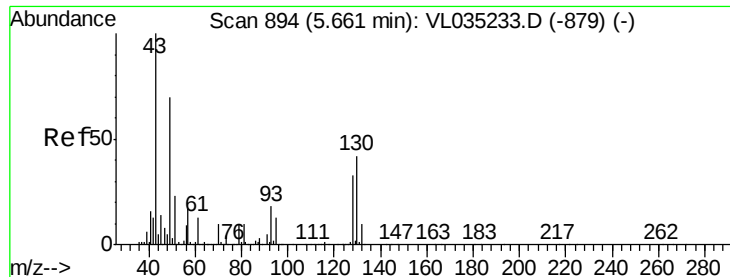
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	1092417	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.19	114	2634096	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.12	117	2538724	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.46	95	2131479	10.51	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	105.10%

Target Compounds					Ovalue
2) Dichlorodifluoromethane	3.01	85	34411	0.264	ppbv 96
3) Chlorodifluoromethane	2.92	51	5933506	49.068	ppbv # 56
4) Chloromethane	3.10	50	40141	0.590	ppbv 97
7) Chloroethane	3.52	64	898	0.035	ppbv # 43
9) Propene	3.16	41	310152	7.358	ppbv 90
10) Heptane	8.14	43	7834	0.069	ppbv # 10
11) Trichlorofluoromethane	3.92	101	84104	0.479	ppbv 92
12) 1,1,2-Trichlorotrifluoroet	4.46	101	56178	0.451	ppbv 100
13) Ethanol	3.61	45	15056487	877.631	ppbv 99
15) Acetone	3.82	43	15890106	109.050	ppbv # 53
16) 1,3-Butadiene	3.27	39	5431	0.096	ppbv # 46
17) tert-Butyl alcohol	4.09	59	34819	0.248	ppbv # 1
19) Isopropyl Alcohol	4.00	45	22272286	231.756	ppbv # 1
20) Methylene Chloride	4.33	84	1606157	24.215	ppbv 97
21) Allyl Chloride	4.33	41	59923	0.722	ppbv # 29
23) Vinyl Acetate	5.05	43	82935	0.566	ppbv # 1
25) Ethyl Acetate	5.68	43	6369891	27.993	ppbv # 77
26) Hexane	5.68	57	8135333	79.249	ppbv # 45
27) Carbon Disulfide	4.53	76	4681	0.034	ppbv # 64
28) Methyl tert-Butyl Ether	5.02	73	672777	4.585	ppbv 96
29) Chloroform	5.75	83	3563793	20.699	ppbv 99
30) Cyclohexane	7.15	84	2620	0.036	ppbv # 1
34) 2-Butanone	5.24	43	124897	0.932	ppbv 98
35) Carbon Tetrachloride	7.04	117	5506	0.031	ppbv # 33
36) Benzene	6.91	78	11699	0.064	ppbv # 86
39) 1,2-Dichloropropane	7.19	63	699436	9.576	ppbv # 22
41) Tetrahydrofuran	6.32	42	136559	2.079	ppbv # 33
44) 2,2,4-Trimethylpentane	7.88	57	96440	0.299	ppbv # 30
52) Tetrachloroethene	11.26	164	3725	0.053	ppbv # 54
53) Toluene	9.83	91	1500956	7.715	ppbv 99
58) Ethyl Benzene	12.75	91	102256	0.380	ppbv 97
59) m/p-Xylene	13.00	91	473503	1.892	ppbv 96
60) o-Xylene	13.73	91	62041	0.248	ppbv # 49
61) Styrene	13.56	104	4919	0.032	ppbv # 1
73) 1,3,5-Trimethylbenzene	16.04	105	26609	0.097	ppbv 100
74) 1,2,4-Trimethylbenzene	16.81	105	100880	0.316	ppbv # 73

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



#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.66 min Scan# 895

Delta R.T. 0.00 min

Lab File: VL035247.D

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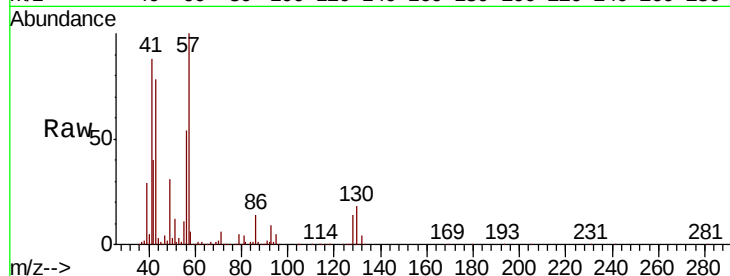
Instrument :

MSVOA_L

ClientSampleId :

Tot Ion: 49 Resp: 1092417

Ion	Ratio	Lower	Upper
49	100		
128	46.0	24.0	72.0
130	59.2	30.7	92.1



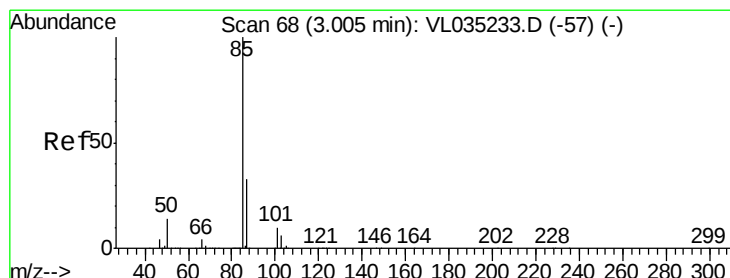
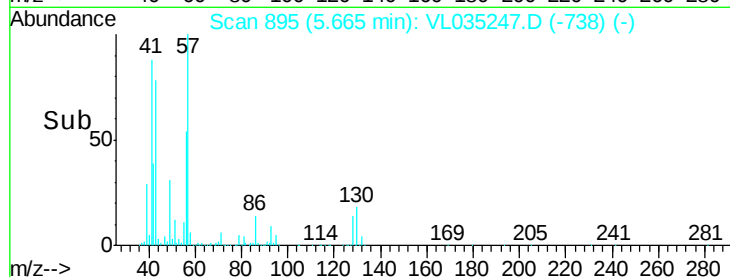
Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): V

Ion 130.00 (129.70 to 130.70): V

5.66

Time-->



#2

Dichlorodifluoromethane

Concen: 0.264 ppbv

RT: 3.01 min Scan# 68

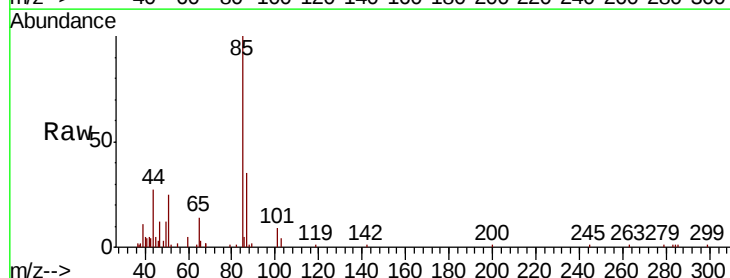
Delta R.T. 0.00 min

Lab File: VL035247.D

Acq: 29 Jul 2020 15:33

Tgt Ion: 85 Resp: 34411

Ion	Ratio	Lower	Upper
85	100		
87	35.5	26.7	40.1

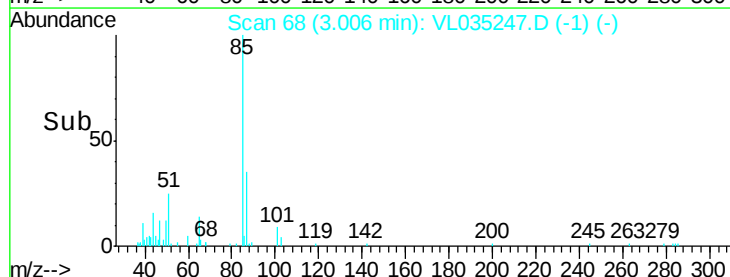


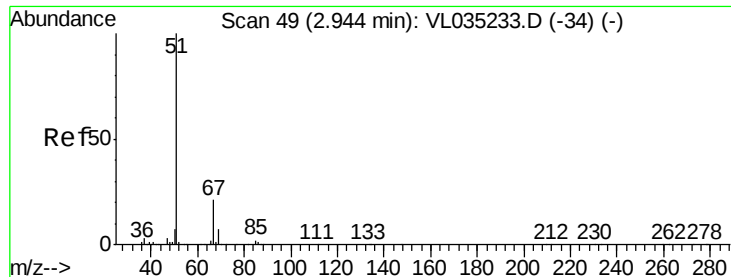
Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0

3.01

Time-->

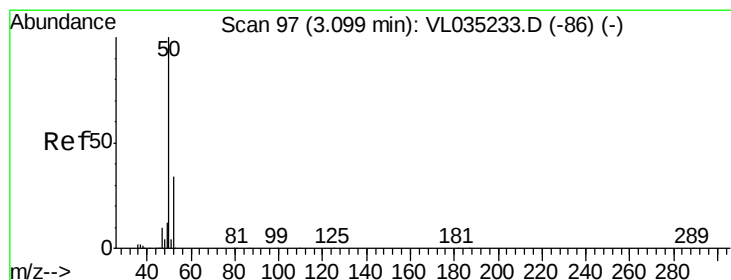
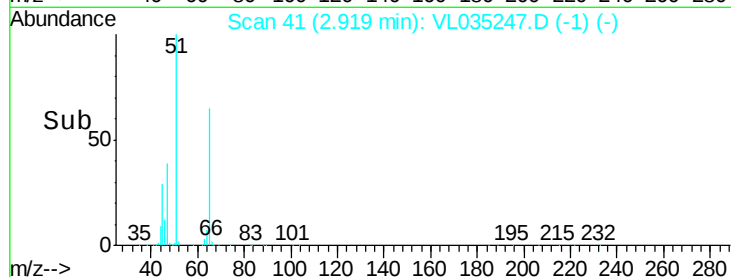
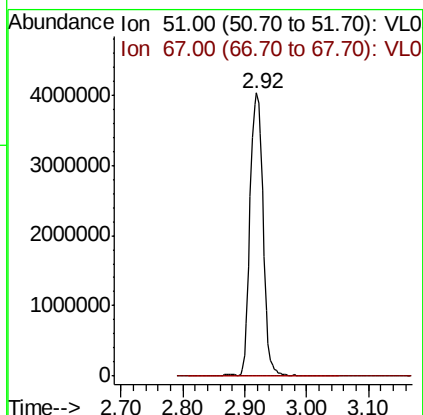
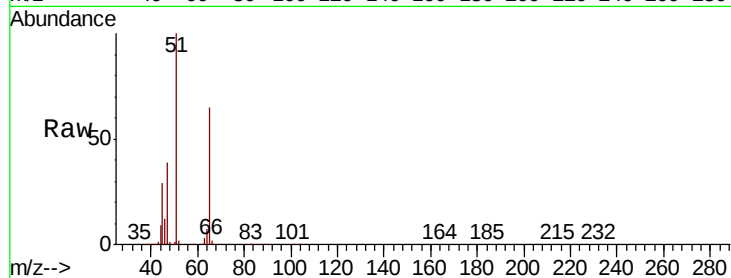




#3
 Chlorodifluoromethane
 Concen: 49.068 ppbv
 RT: 2.92 min Scan# 41
 Delta R.T. -0.03 min
 Lab File: VL035247.D
 Acq: 29 Jul 2020 15:33

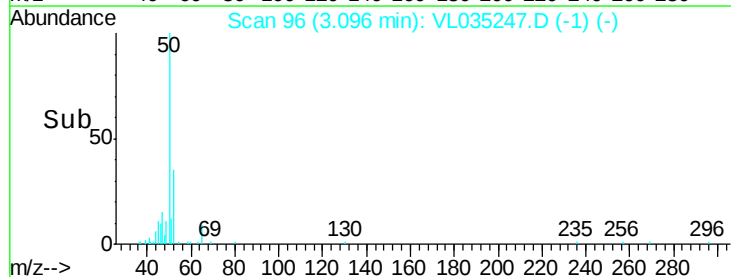
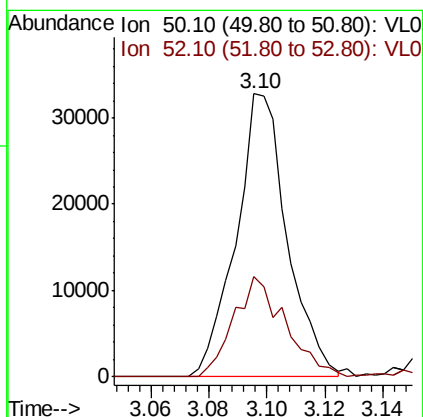
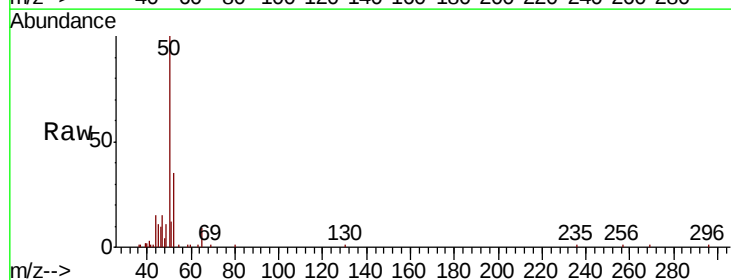
Instrument :
 MSVOA_L
 ClientSampleId :

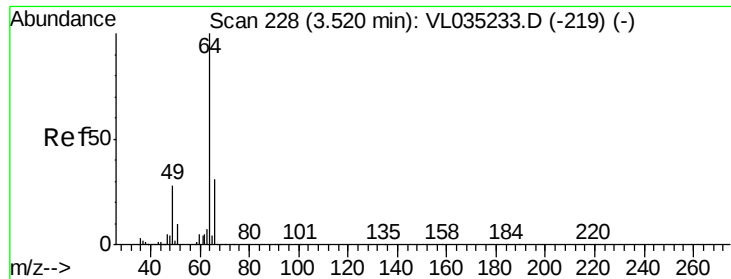
Tot Ion: 51 Resp: 5933506
 Ion Ratio Lower Upper
 51 100
 67 0.3 16.6 25.0#



#4
 Chloromethane
 Concen: 0.590 ppbv
 RT: 3.10 min Scan# 96
 Delta R.T. -0.00 min
 Lab File: VL035247.D
 Acq: 29 Jul 2020 15:33

Tgt Ion: 50 Resp: 40141
 Ion Ratio Lower Upper
 50 100
 52 35.4 27.1 40.7





#7

Chloroethane

Concen: 0.035 ppbv

RT: 3.52 min Scan# 228

Delta R.T. 0.00 min

Lab File: VL035247.D

Acq: 29 Jul 2020 15:33

Instrument :

MSVOA_L

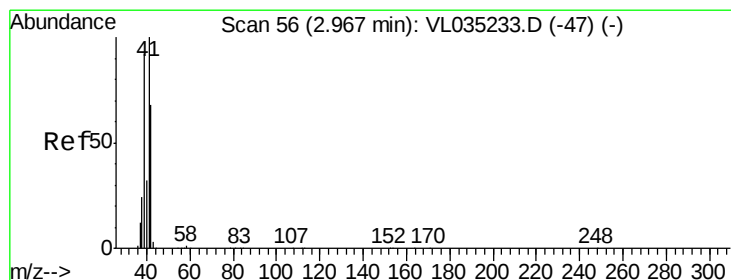
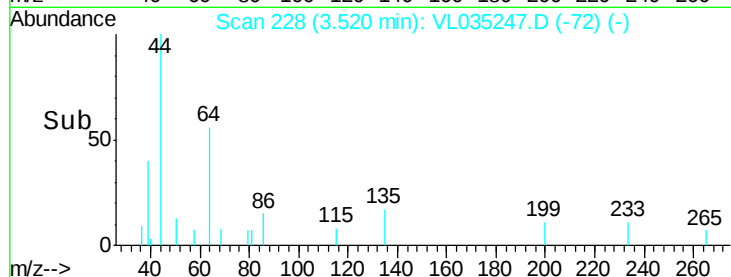
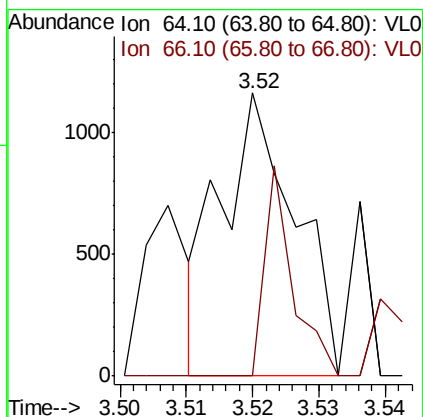
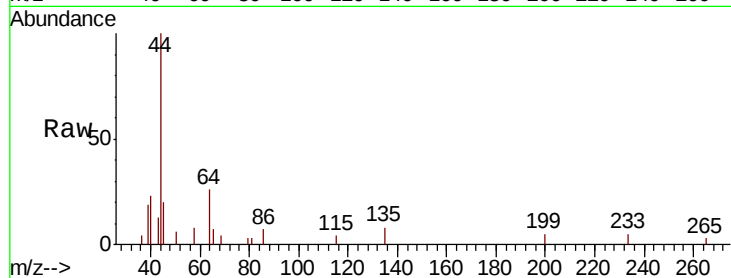
ClientSampleId :

Tot Ion: 64 Resp: 898

Ion Ratio Lower Upper

64 100

66 0.0 25.6 38.4#



#9

Propene

Concen: 7.358 ppbv

RT: 3.16 min Scan# 116

Delta R.T. 0.19 min

Lab File: VL035247.D

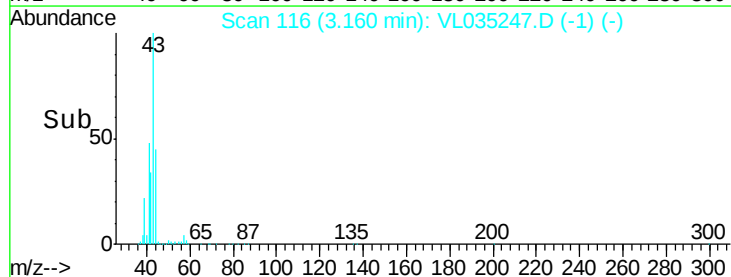
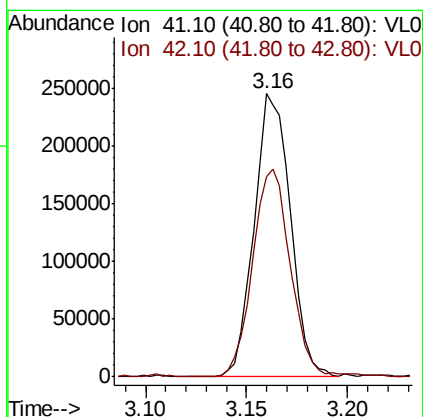
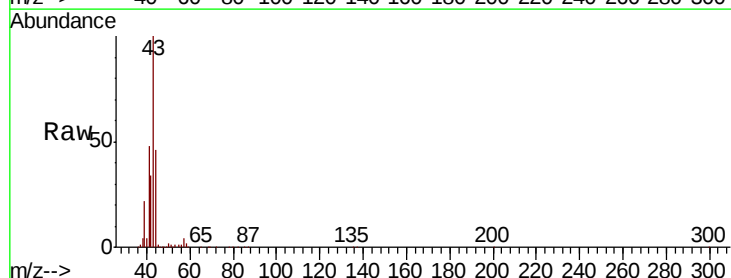
Acq: 29 Jul 2020 15:33

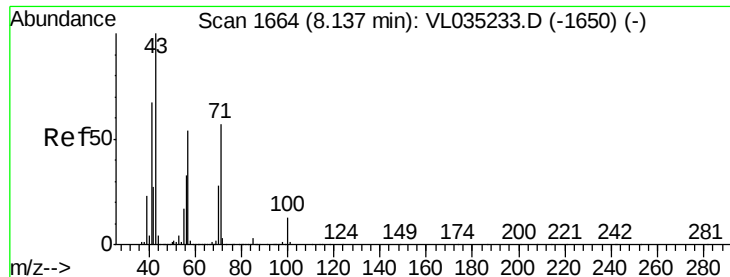
Tgt Ion: 41 Resp: 310152

Ion Ratio Lower Upper

41 100

42 76.8 55.0 82.6





#10

Heptane

Concen: 0.069 ppbv

RT: 8.14 min Scan# 1664

Delta R.T. 0.00 min

Lab File: VL035247.D

Acq: 29 Jul 2020 15:33

Instrument :

MSVOA_L

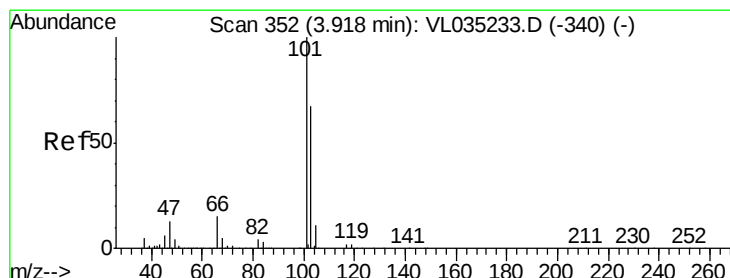
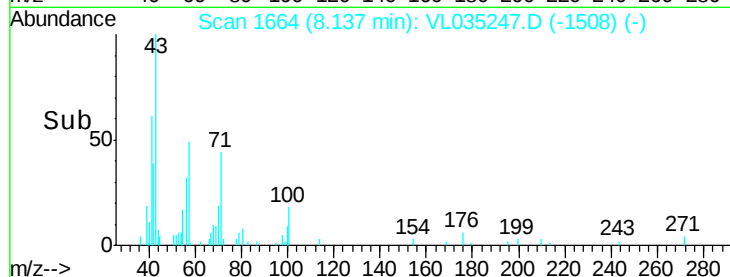
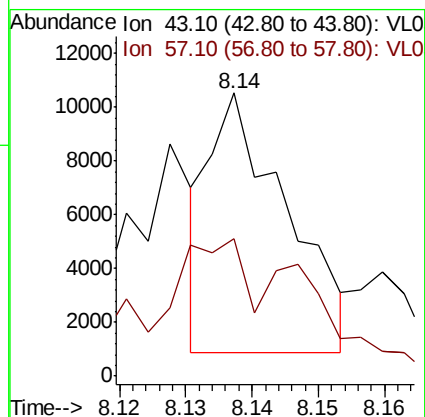
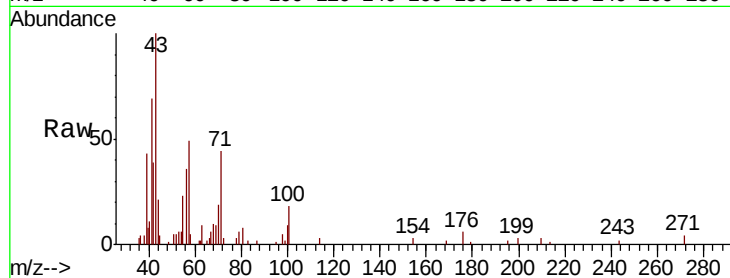
ClientSampleId :

Tot Ion: 43 Resp: 7834

Ion Ratio Lower Upper

43 100

57 117.8 43.0 64.4#



#11

Trichlorofluoromethane

Concen: 0.479 ppbv

RT: 3.92 min Scan# 351

Delta R.T. -0.00 min

Lab File: VL035247.D

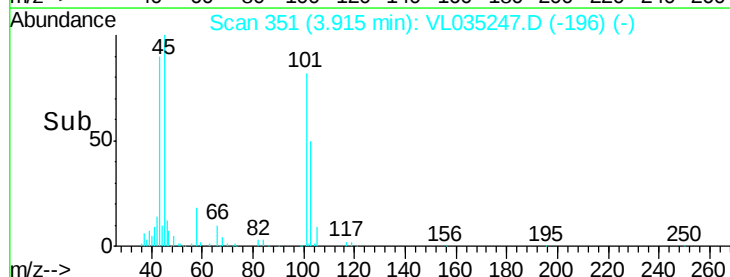
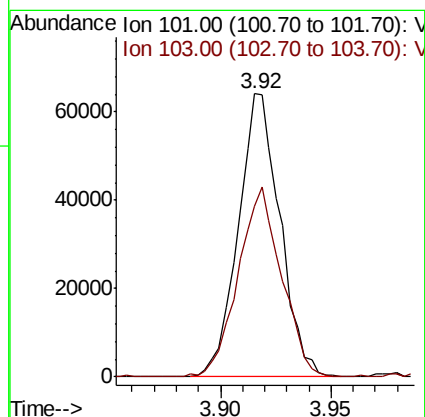
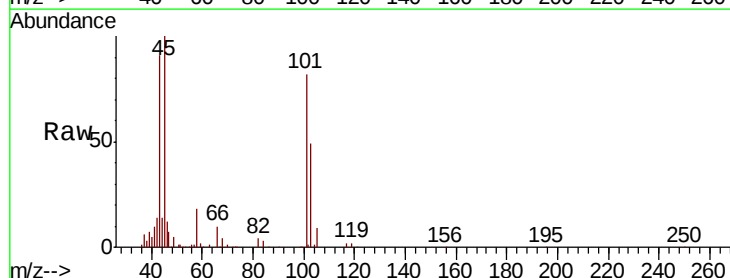
Acq: 29 Jul 2020 15:33

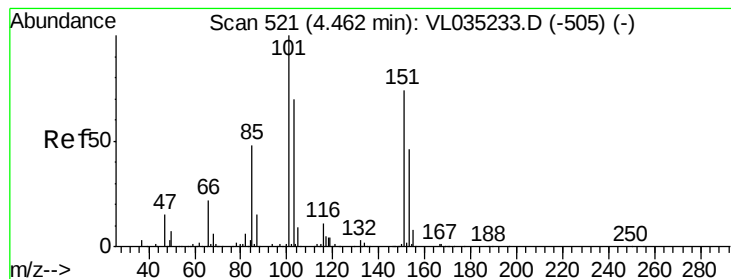
Tgt Ion:101 Resp: 84104

Ion Ratio Lower Upper

101 100

103 60.5 53.4 80.0





#12

1,1,2-Trichlorotrifluoroethane

Concen: 0.451 ppbv

RT: 4.46 min Scan# 521

Delta R.T. 0.00 min

Lab File: VL035247.D

Acq: 29 Jul 2020 15:33

Instrument :

MSVOA_L

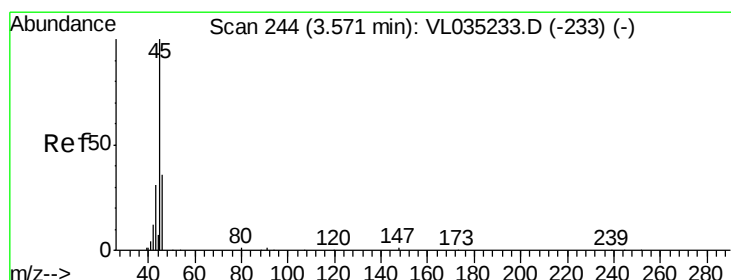
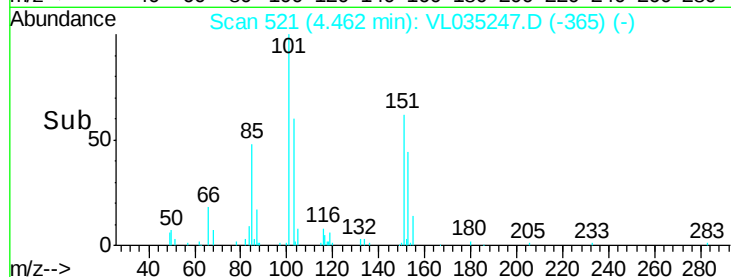
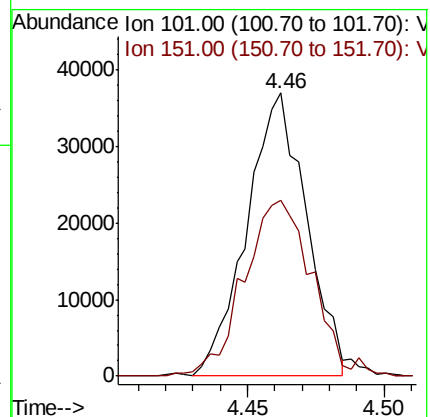
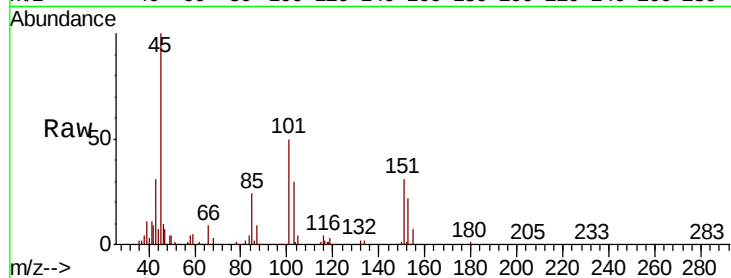
ClientSampleId :

Tot Ion:101 Resp: 56178

Ion Ratio Lower Upper

101 100

151 71.0 56.6 85.0



#13

Ethanol

Concen: 877.631 ppbv

RT: 3.61 min Scan# 256

Delta R.T. 0.04 min

Lab File: VL035247.D

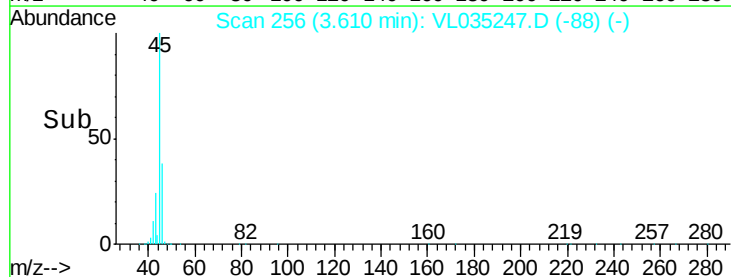
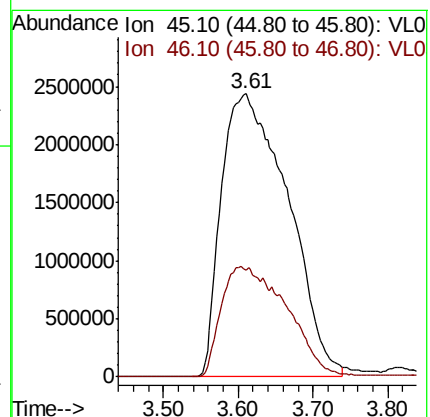
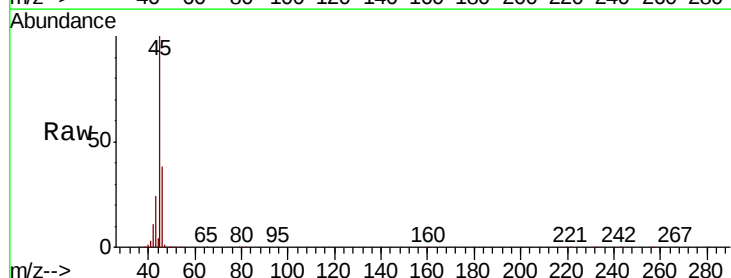
Acq: 29 Jul 2020 15:33

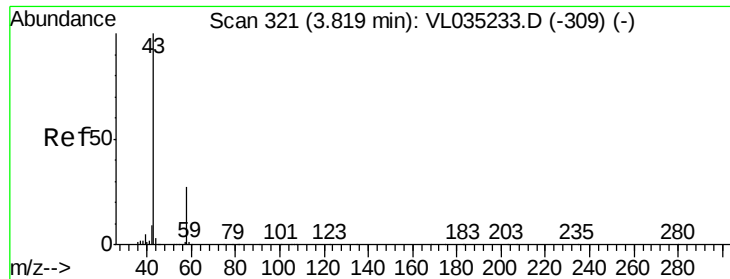
Tgt Ion: 45 Resp:15056487

Ion Ratio Lower Upper

45 100

46 38.7 15.8 63.4

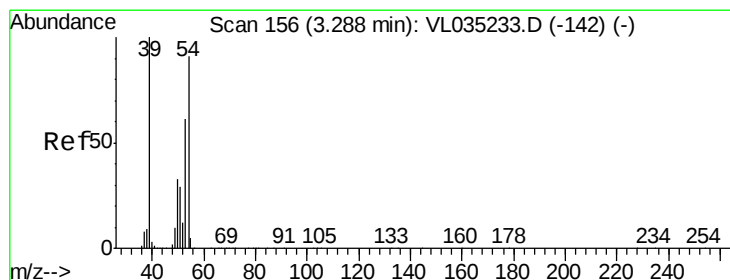
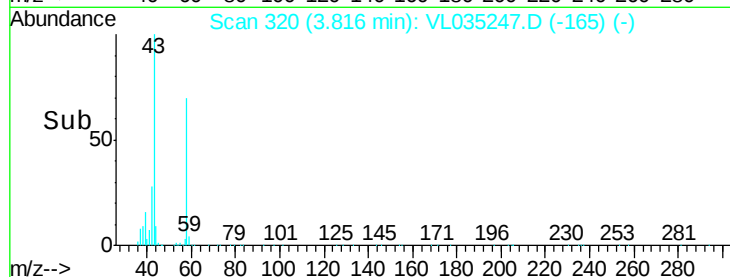
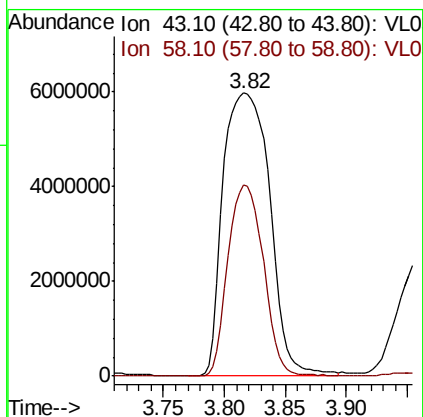
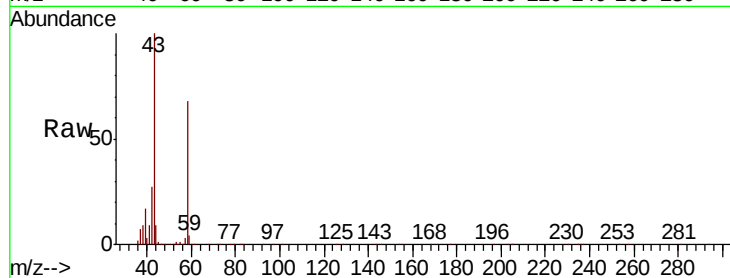




#15
Acetone
Concen: 109.050 ppbv
RT: 3.82 min Scan# 320
Delta R.T. -0.00 min
Lab File: VL035247.D
Acq: 29 Jul 2020 15:33

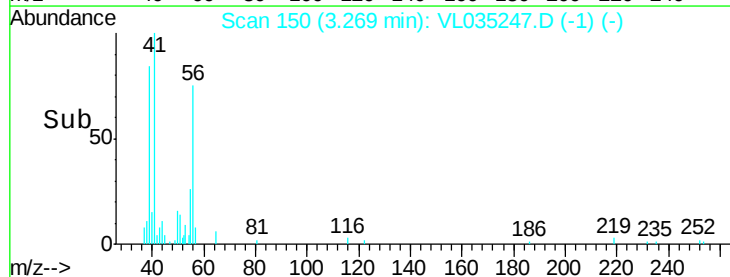
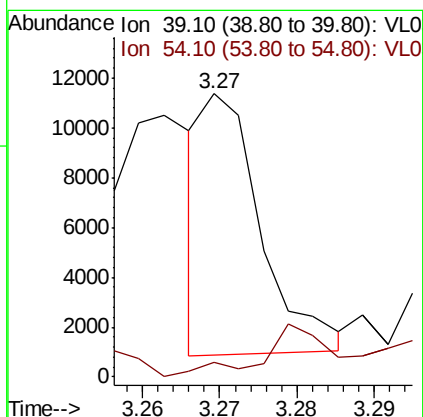
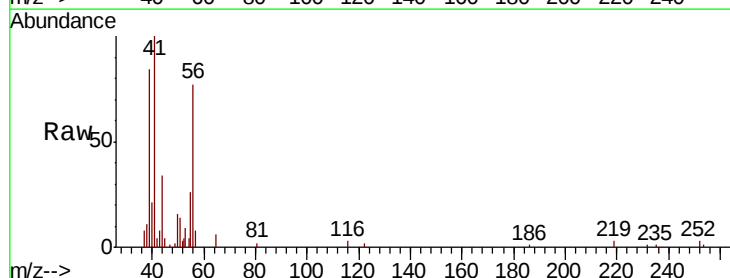
Instrument :
MSVOA_L
ClientSampleId :

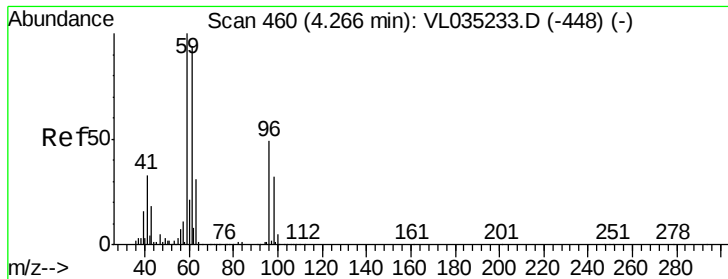
Tot Ion: 43 Resp:15890106
Ion Ratio Lower Upper
43 100
58 51.9 21.8 32.6#



#16
1,3-Butadiene
Concen: 0.096 ppbv
RT: 3.27 min Scan# 150
Delta R.T. -0.02 min
Lab File: VL035247.D
Acq: 29 Jul 2020 15:33

Tgt Ion: 39 Resp: 5431
Ion Ratio Lower Upper
39 100
54 35.5 68.2 102.2#



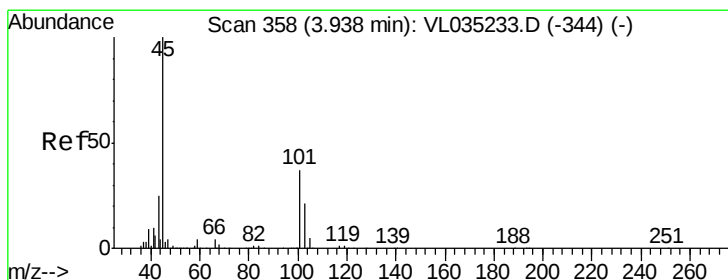
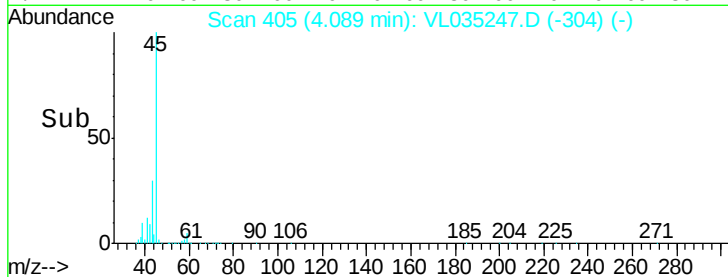
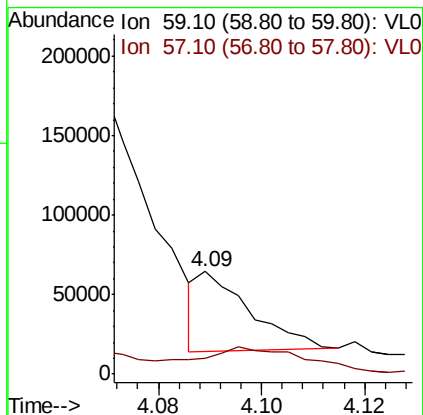
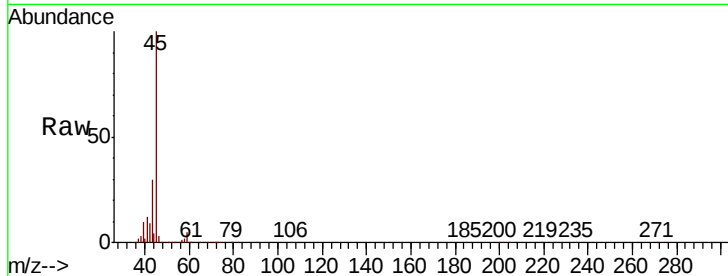


#17

tert-Butyl alcohol
 Concen: 0.248 ppbv
 RT: 4.09 min Scan# 405
 Delta R.T. -0.18 min
 Lab File: VL035247.D
 Acq: 29 Jul 2020 15:33

Instrument :
 MSVOA_L
 ClientSampled :

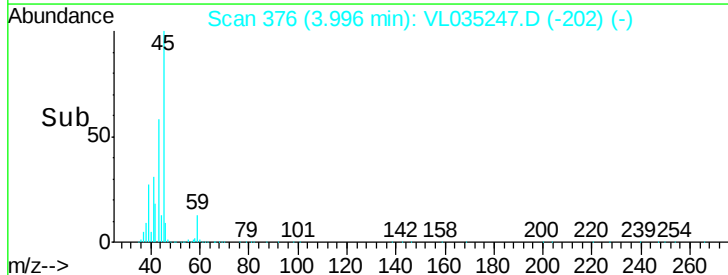
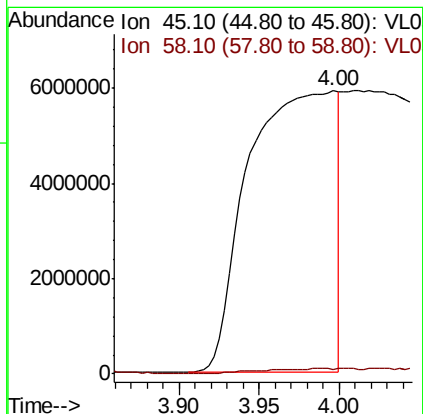
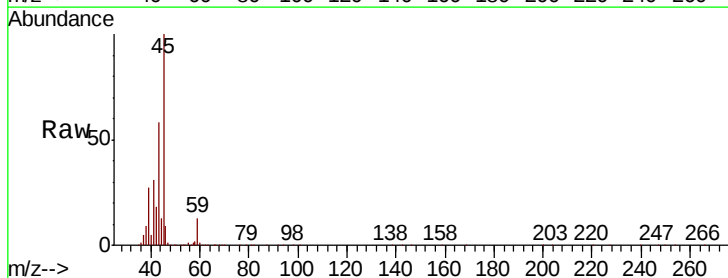
Tot Ion: 59 Resp: 34819
 Ion Ratio Lower Upper
 59 100
 57 68.5 8.6 12.8#

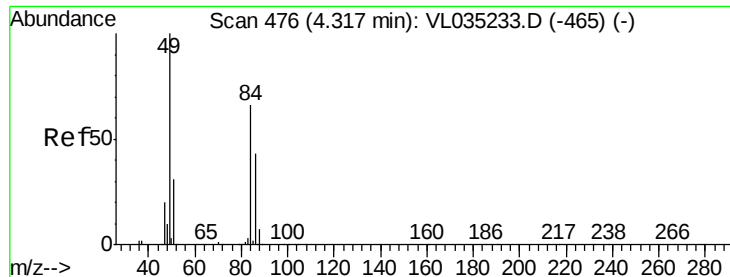


#19

Isopropyl Alcohol
 Concen: 231.756 ppbv
 RT: 4.00 min Scan# 376
 Delta R.T. 0.06 min
 Lab File: VL035247.D
 Acq: 29 Jul 2020 15:33

Tgt Ion: 45 Resp: 22272286
 Ion Ratio Lower Upper
 45 100
 58 37.0 1.9 2.9#

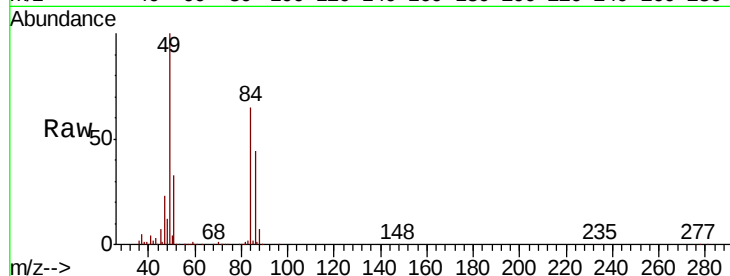




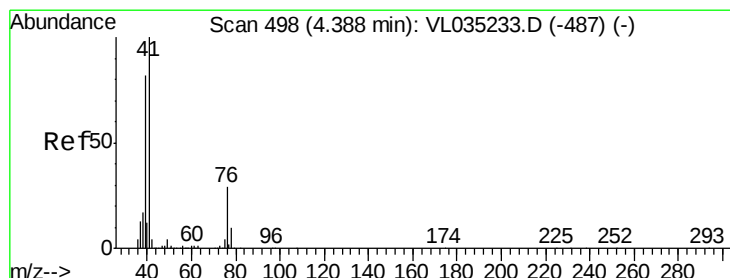
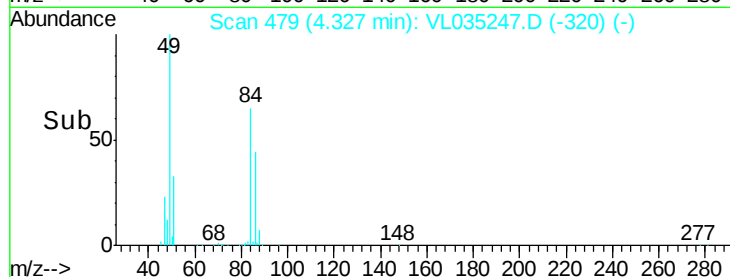
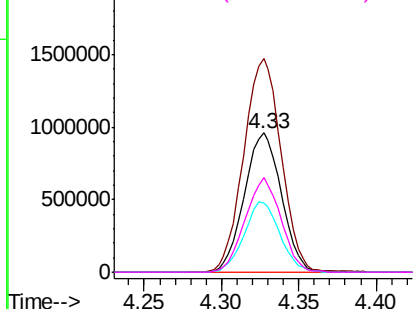
#20
Methylene Chloride
Concen: 24.215 ppbv
RT: 4.33 min Scan# 479
Delta R.T. 0.01 min
Lab File: VL035247.D
Acq: 29 Jul 2020 15:33

Instrument :
MSVOA_L
ClientSampleId :

Tot Ion: 84 Resp: 1606157
Ion Ratio Lower Upper
84 100
49 153.7 121.0 181.4
51 50.1 37.7 56.5
86 68.0 52.2 78.4

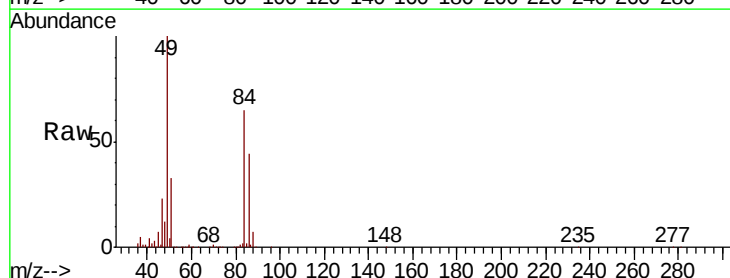


Abundance Ion 84.00 (83.70 to 84.70): VL0
Ion 49.10 (48.80 to 49.80): VL0
Ion 51.10 (50.80 to 51.80): VL0
Ion 86.00 (85.70 to 86.70): VL0

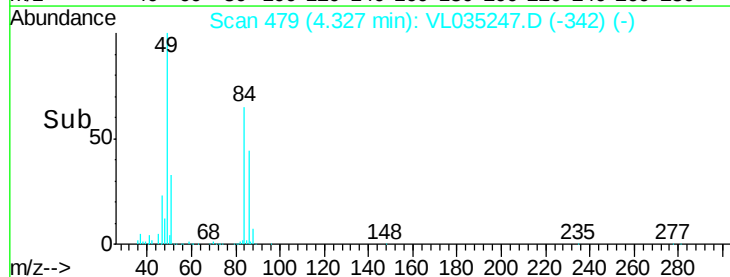
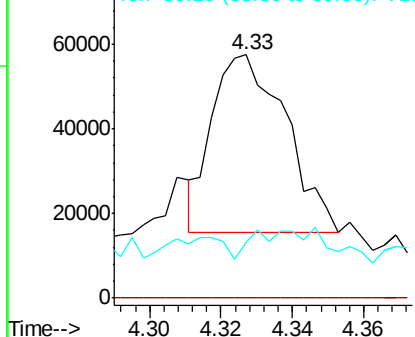


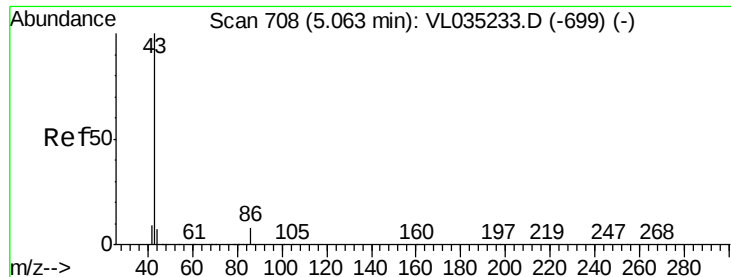
#21
Allyl Chloride
Concen: 0.722 ppbv
RT: 4.33 min Scan# 479
Delta R.T. -0.06 min
Lab File: VL035247.D
Acq: 29 Jul 2020 15:33

Tgt Ion: 41 Resp: 59923
Ion Ratio Lower Upper
41 100
76 19.2 24.4 36.6#
39 0.0 63.8 95.8#



Abundance Ion 41.10 (40.80 to 41.80): VL0
Ion 76.10 (75.80 to 76.80): VL0
Ion 39.10 (38.80 to 39.80): VL0





#23

Vinyl Acetate

Concen: 0.566 ppbv

RT: 5.05 min Scan# 703

Delta R.T. -0.02 min

Lab File: VL035247.D

Acq: 29 Jul 2020 15:33

Instrument :

MSVOA_L

ClientSampleId :

Tot Ion: 43 Resp: 82935

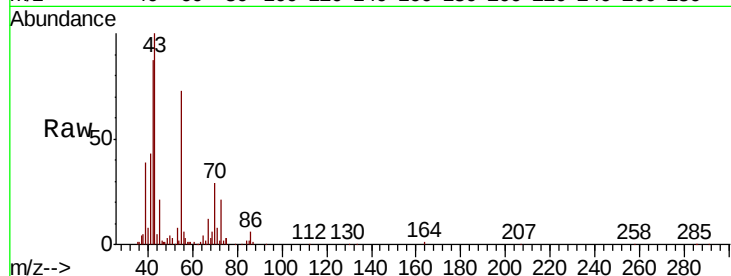
Ion Ratio Lower Upper

43 100

86 6.1 6.2 9.2#

42 111.6 8.0 12.0#

44 0.0 5.2 7.8#

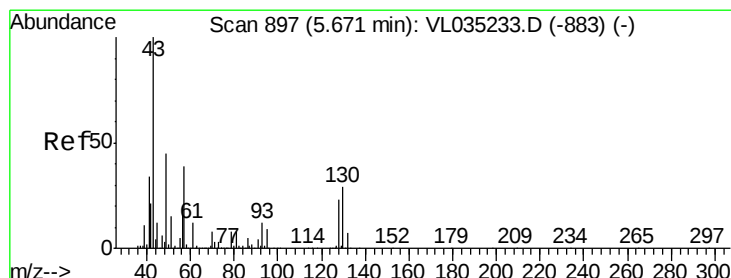
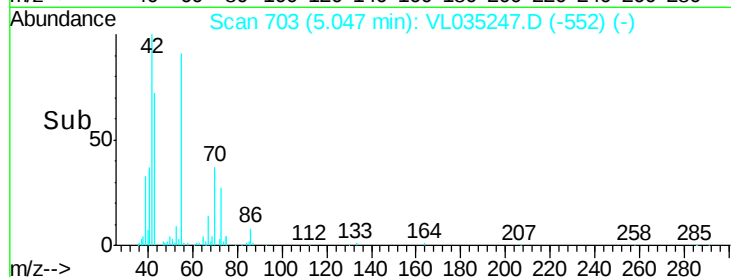
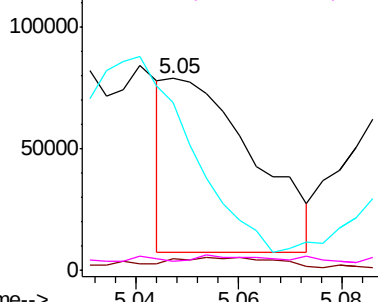


Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 86.10 (85.80 to 86.80): VL0

Ion 42.10 (41.80 to 42.80): VL0

Ion 44.10 (43.80 to 44.80): VL0



#25

Ethyl Acetate

Concen: 27.993 ppbv

RT: 5.68 min Scan# 900

Delta R.T. 0.01 min

Lab File: VL035247.D

Acq: 29 Jul 2020 15:33

Tgt Ion: 43 Resp: 6369891

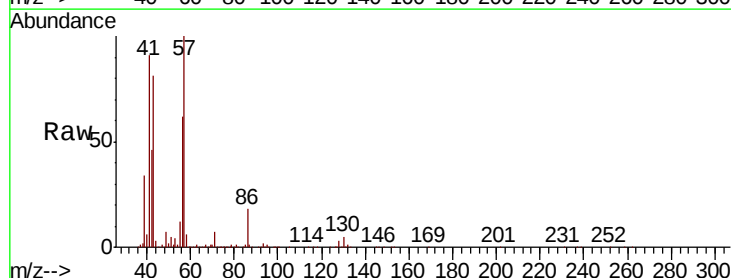
Ion Ratio Lower Upper

43 100

45 0.8 8.5 12.7#

61 0.7 8.1 12.1#

70 2.0 6.2 9.4#

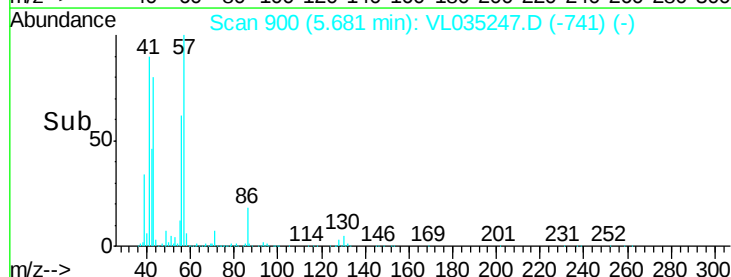
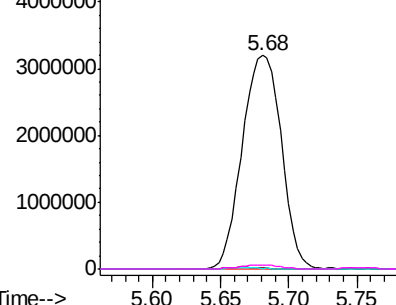


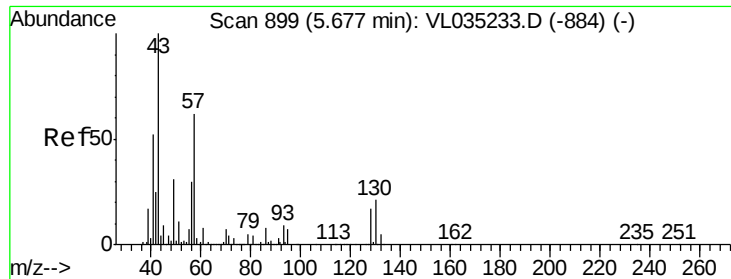
Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 45.10 (44.80 to 45.80): VL0

Ion 61.10 (60.80 to 61.80): VL0

Ion 70.10 (69.80 to 70.80): VL0





#26

Hexane

Concen: 79.249 ppbv

RT: 5.68 min Scan# 900

Delta R.T. 0.00 min

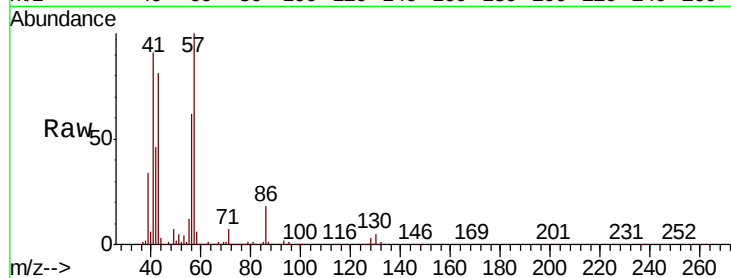
Lab File: VL035247.D

Acq: 29 Jul 2020 15:33

Instrument :
MSVOA_L
ClientSampleId :

Tot Ion: 57 Resp: 8135333

Ion	Ratio	Lower	Upper
57	100		
41	89.6	73.9	110.9
43	78.6	177.6	266.4#
56	58.6	43.0	64.4



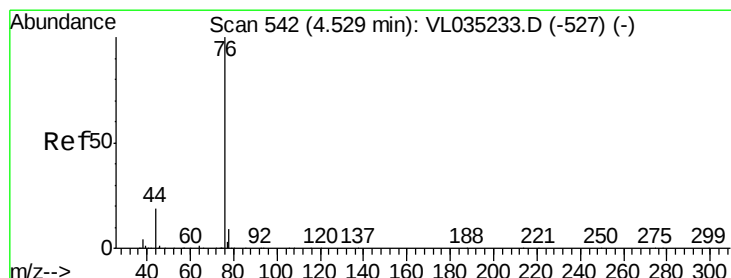
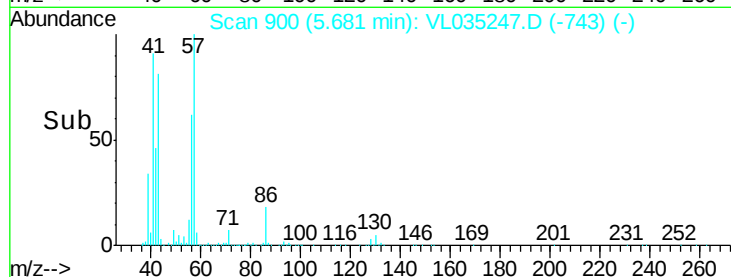
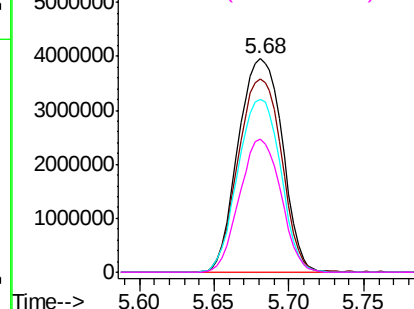
Abundance

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



#27

Carbon Disulfide

Concen: 0.034 ppbv

RT: 4.53 min Scan# 543

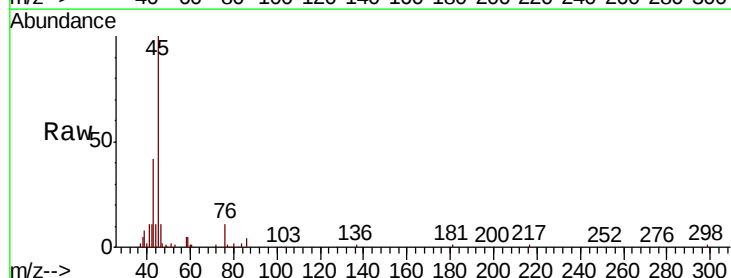
Delta R.T. 0.00 min

Lab File: VL035247.D

Acq: 29 Jul 2020 15:33

Tgt Ion: 76 Resp: 4681

Ion	Ratio	Lower	Upper
76	100		
44	0.0	14.7	22.1#
78	0.0	7.6	11.4#

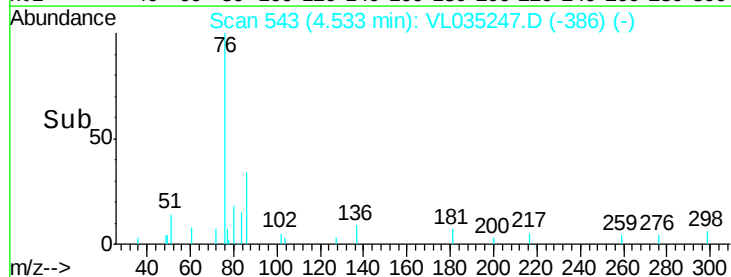
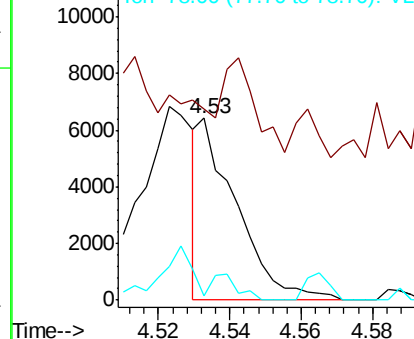


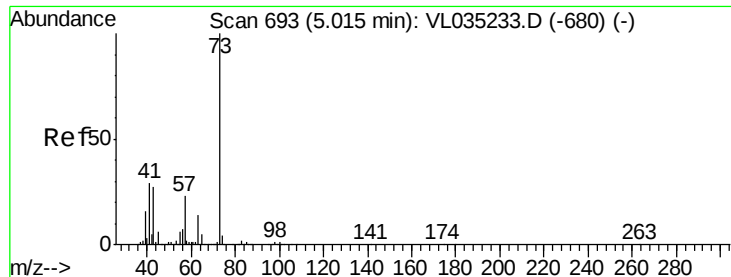
Abundance

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

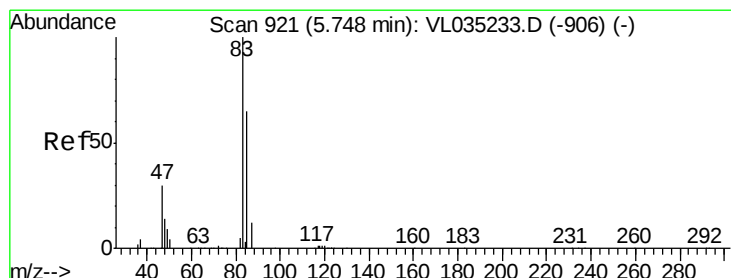
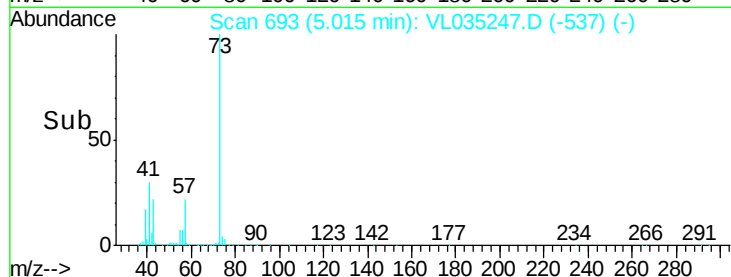
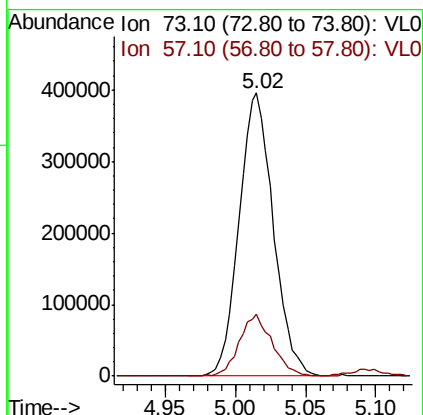
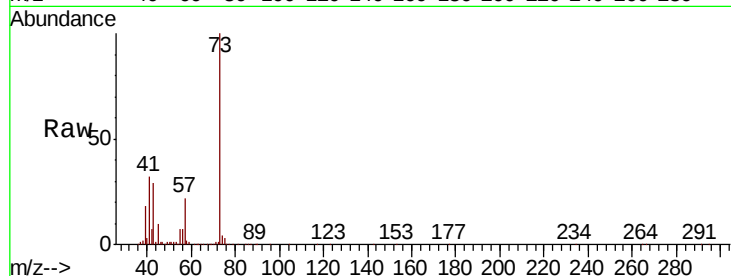




#28
Methvl tert-Butvl Ether
Concen: 4.585 ppbv
RT: 5.02 min Scan# 693
Delta R.T. 0.00 min
Lab File: VL035247.D
Acq: 29 Jul 2020 15:33

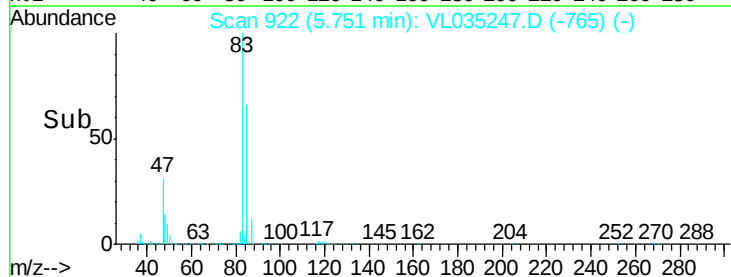
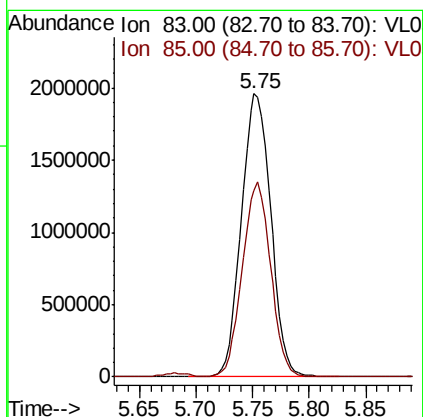
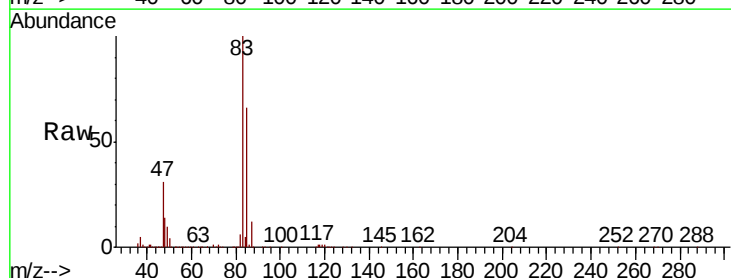
Instrument :
MSVOA_L
ClientSampleId :

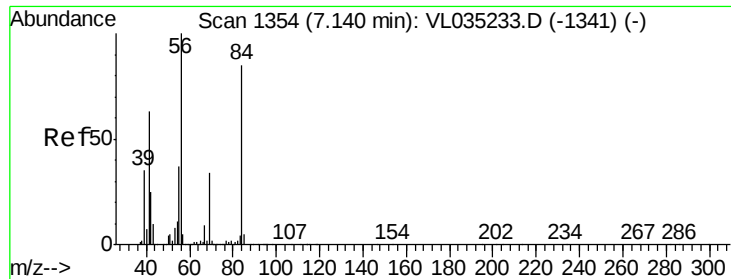
Tot Ion: 73 Resp: 672777
Ion Ratio Lower Upper
73 100
57 20.9 18.2 27.4



#29
Chloroform
Concen: 20.699 ppbv
RT: 5.75 min Scan# 922
Delta R.T. 0.00 min
Lab File: VL035247.D
Acq: 29 Jul 2020 15:33

Tgt Ion: 83 Resp: 3563793
Ion Ratio Lower Upper
83 100
85 65.5 51.7 77.5

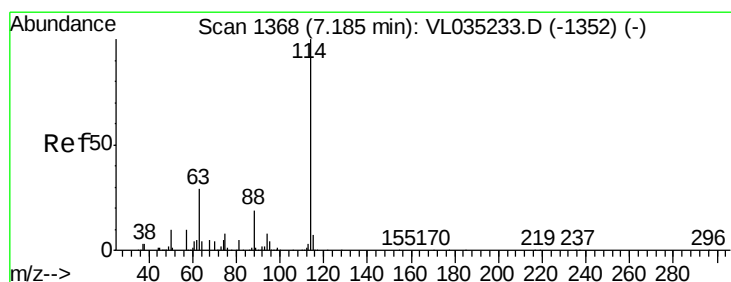
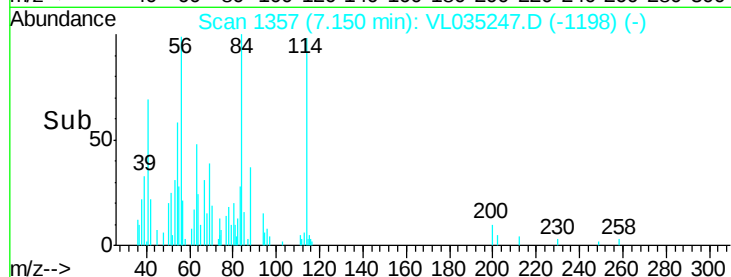
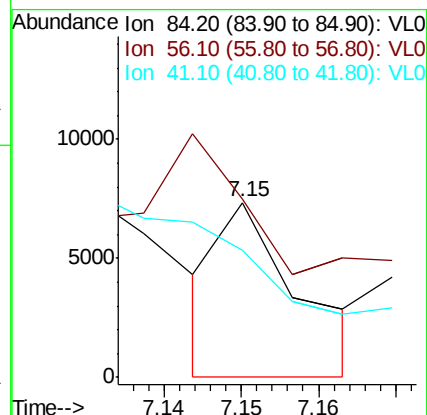
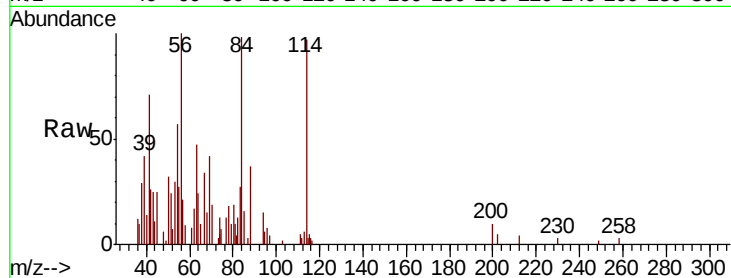




#30
Cyclohexane
Concen: 0.036 ppbv
RT: 7.15 min Scan# 1357
Delta R.T. 0.01 min
Lab File: VL035247.D
Acq: 29 Jul 2020 15:33

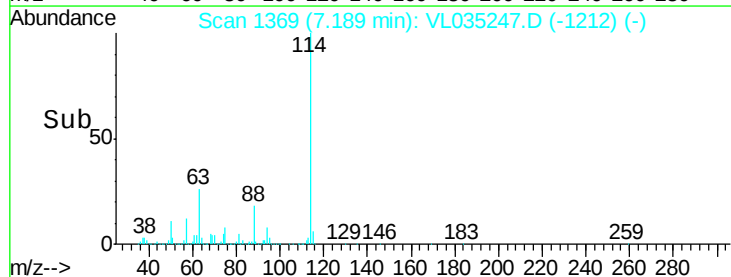
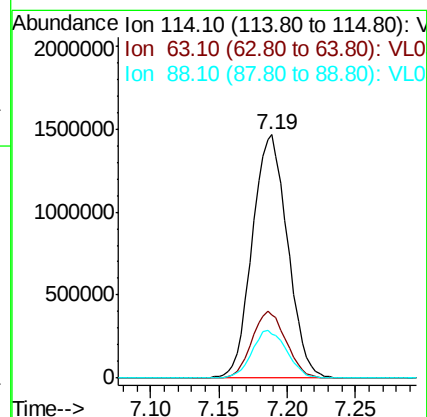
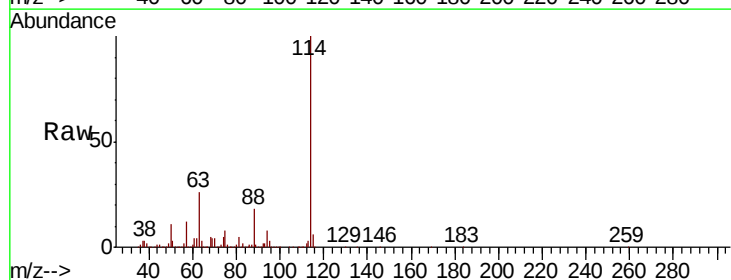
Instrument :
MSVOA_L
ClientSampled :

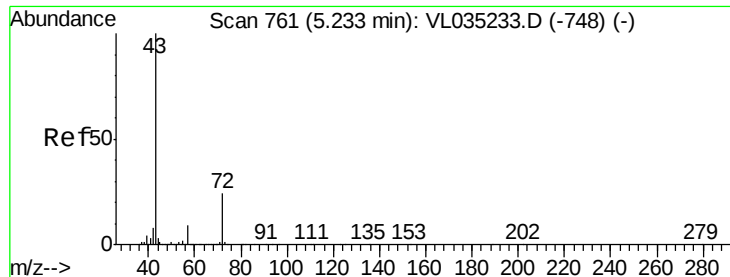
Tot Ion: 84 Resp: 2620
Ion Ratio Lower Upper
84 100
56 665.5 104.2 156.2#
41 0.0 63.7 95.5#



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.19 min Scan# 1369
Delta R.T. 0.00 min
Lab File: VL035247.D
Acq: 29 Jul 2020 15:33

Tgt Ion: 114 Resp: 2634096
Ion Ratio Lower Upper
114 100
63 26.6 22.2 33.2
88 19.2 15.4 23.0

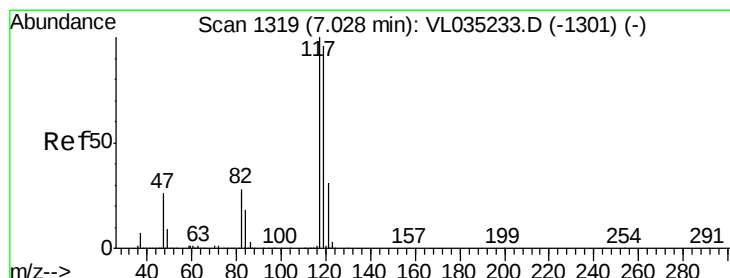
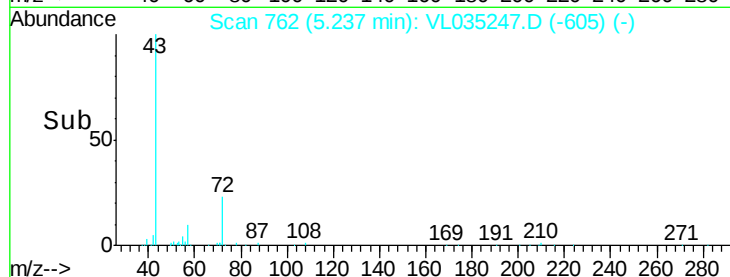
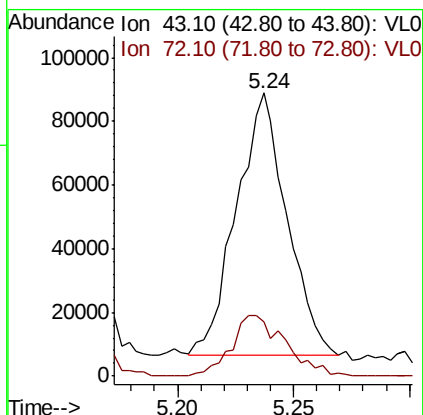
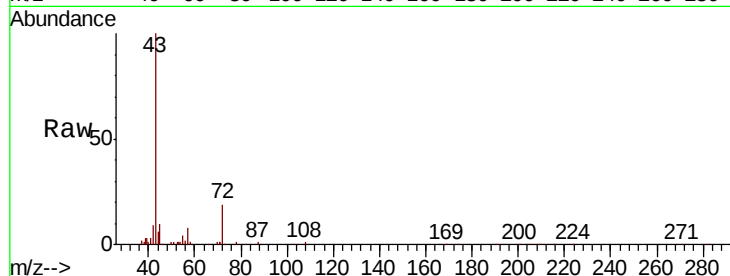




#34
2-Butanone
Concen: 0.932 ppbv
RT: 5.24 min Scan# 762
Delta R.T. 0.00 min
Lab File: VL035247.D
Acq: 29 Jul 2020 15:33

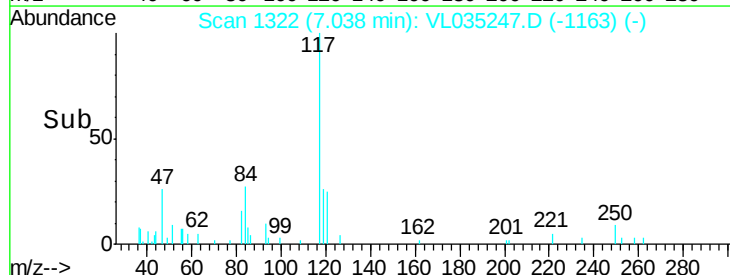
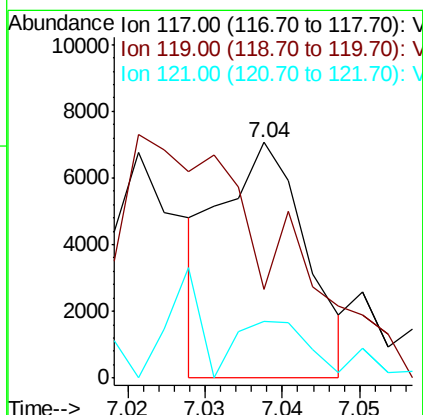
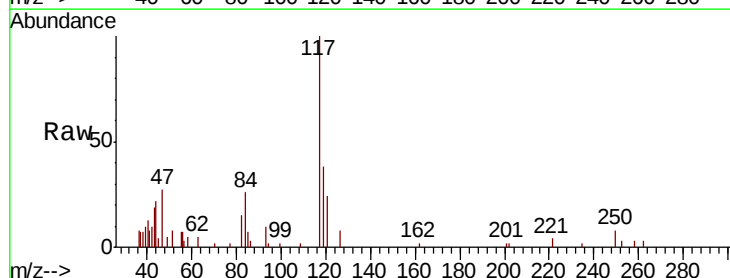
Instrument :
MSVOA_L
ClientSampled :

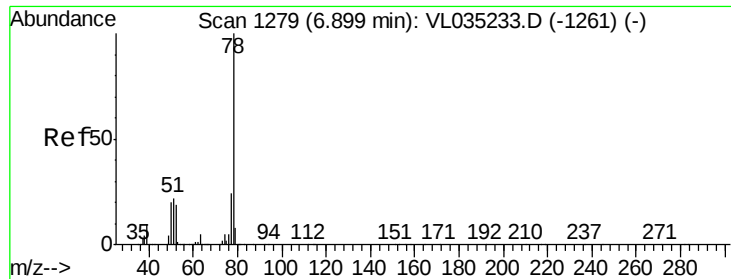
Tot Ion: 43 Resp: 124897
Ion Ratio Lower Upper
43 100
72 24.8 19.2 28.8



#35
Carbon Tetrachloride
Concen: 0.031 ppbv
RT: 7.04 min Scan# 1322
Delta R.T. 0.01 min
Lab File: VL035247.D
Acq: 29 Jul 2020 15:33

Tgt Ion: 117 Resp: 5506
Ion Ratio Lower Upper
117 100
119 9.5 76.8 115.2#
121 30.0 24.5 36.7

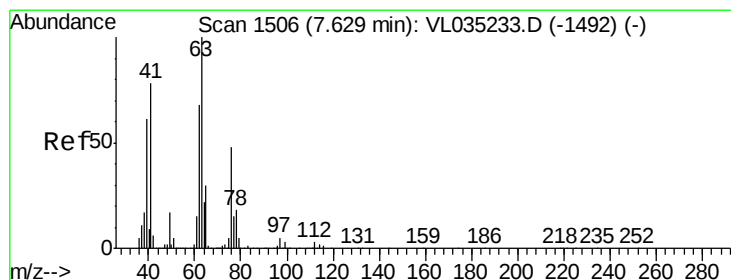
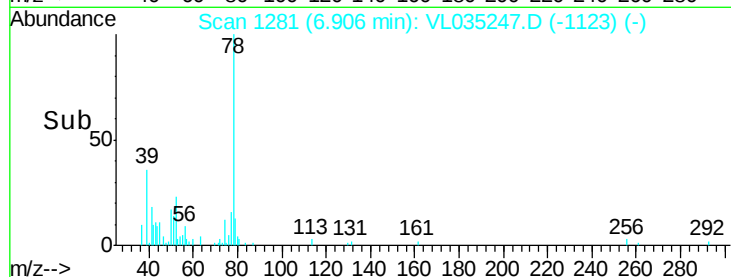
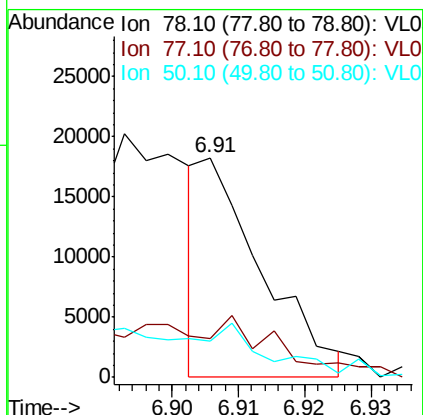
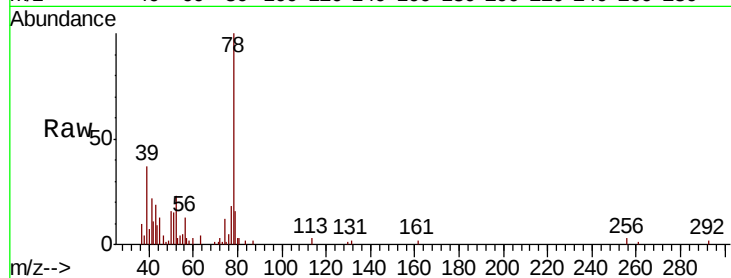




#36
Benzene
Concen: 0.064 ppbv
RT: 6.91 min Scan# 1281
Delta R.T. 0.01 min
Lab File: VL035247.D
Acq: 29 Jul 2020 15:33

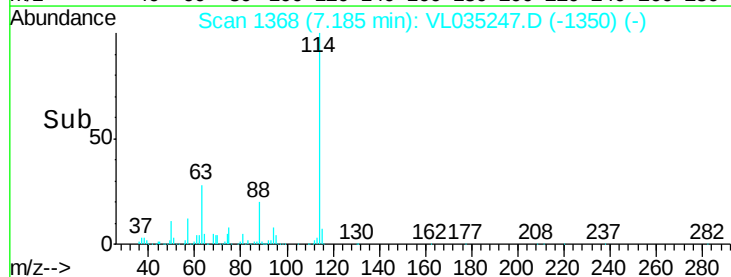
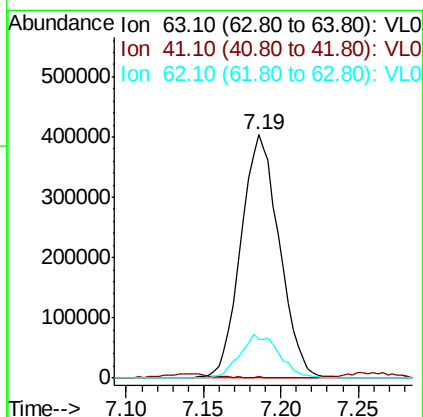
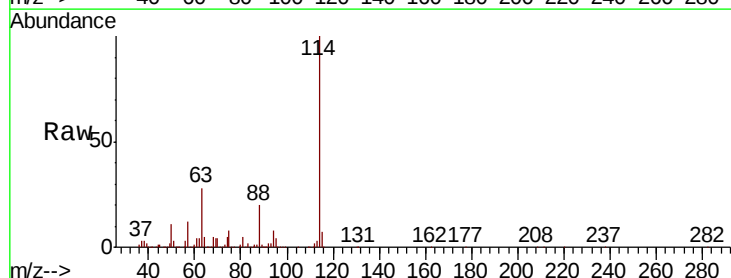
Instrument :
MSVOA_L
ClientSampled :

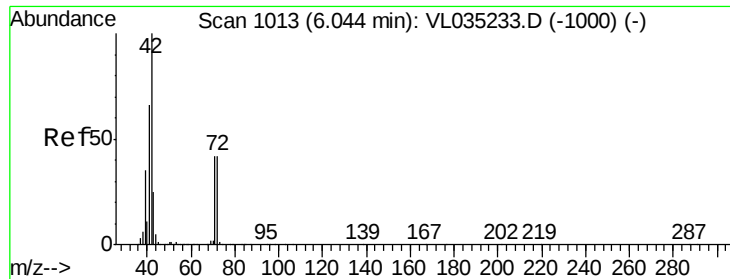
Tot Ion: 78 Resp: 11699
Ion Ratio Lower Upper
78 100
77 13.3 18.9 28.3#
50 17.2 16.1 24.1



#39
1,2-Dichloropropane
Concen: 9.576 ppbv
RT: 7.19 min Scan# 1368
Delta R.T. -0.44 min
Lab File: VL035247.D
Acq: 29 Jul 2020 15:33

Tgt Ion: 63 Resp: 699436
Ion Ratio Lower Upper
63 100
41 0.0 62.2 93.4#
62 15.7 54.2 81.2#

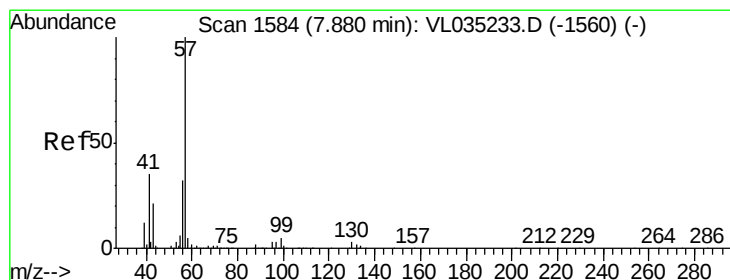
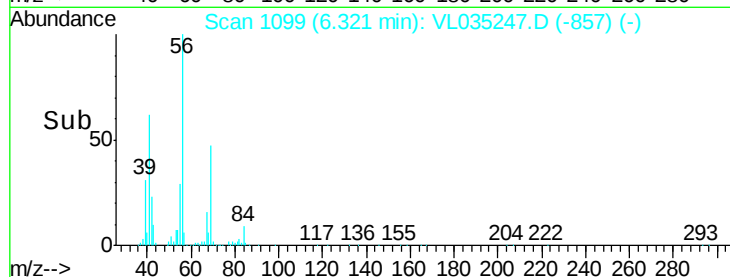
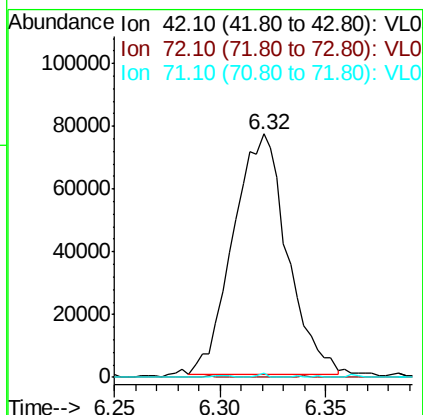
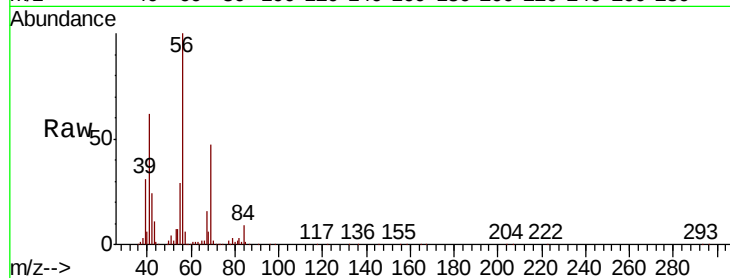




#41
Tetrahydrofuran
Concen: 2.079 ppbv
RT: 6.32 min Scan# 1099
Delta R.T. 0.28 min
Lab File: VL035247.D
Acq: 29 Jul 2020 15:33

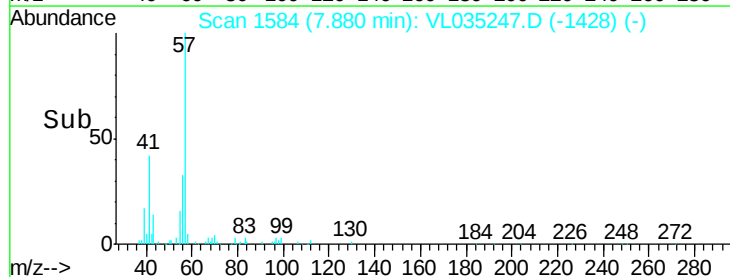
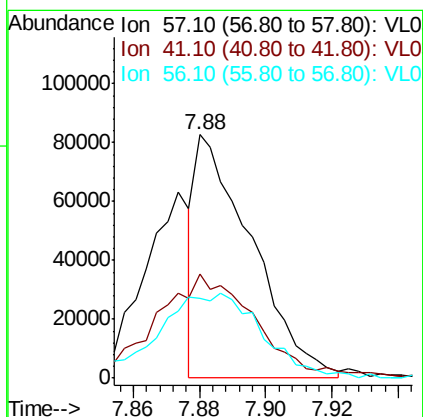
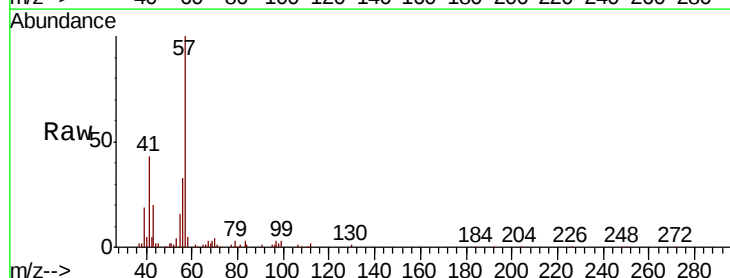
Instrument :
MSVOA_L
ClientSampleId :

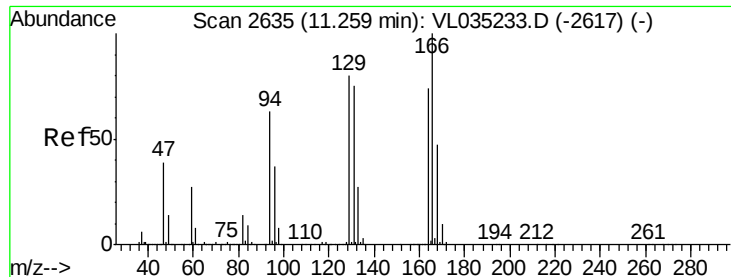
Tot Ion: 42 Resp: 136559
Ion Ratio Lower Upper
42 100
72 0.0 34.2 51.2#
71 0.0 33.2 49.8#



#44
2,2,4-Trimethylpentane
Concen: 0.299 ppbv
RT: 7.88 min Scan# 1584
Delta R.T. 0.00 min
Lab File: VL035247.D
Acq: 29 Jul 2020 15:33

Tgt Ion: 57 Resp: 96440
Ion Ratio Lower Upper
57 100
41 75.4 27.0 40.4#
56 68.7 25.6 38.4#





#52

Tetrachloroethene

Concen: 0.053 ppbv

RT: 11.26 min Scan# 2634

Delta R.T. -0.00 min

Lab File: VL035247.D

Acq: 29 Jul 2020 15:33

Instrument :

MSVOA_L

ClientSampleId :

Tot Ion:164 Resp: 3725

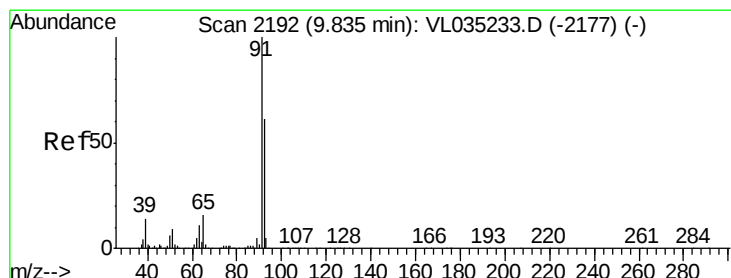
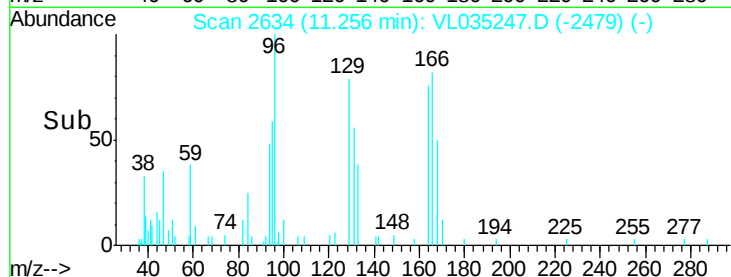
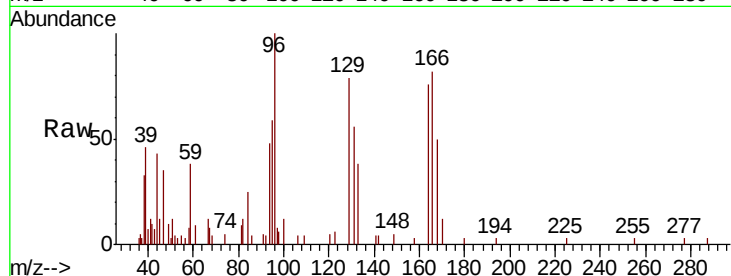
Ion Ratio Lower Upper

164 100

166 59.0 107.5 161.3#

129 88.1 86.0 129.0

131 47.3 80.3 120.5#



#53

Toluene

Concen: 7.715 ppbv

RT: 9.83 min Scan# 2190

Delta R.T. -0.01 min

Lab File: VL035247.D

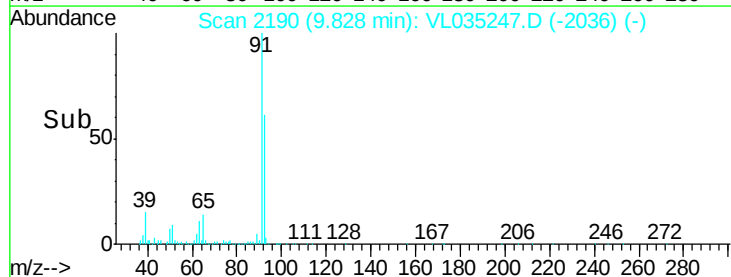
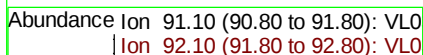
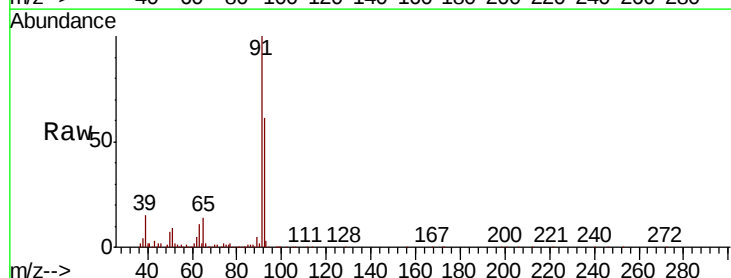
Acq: 29 Jul 2020 15:33

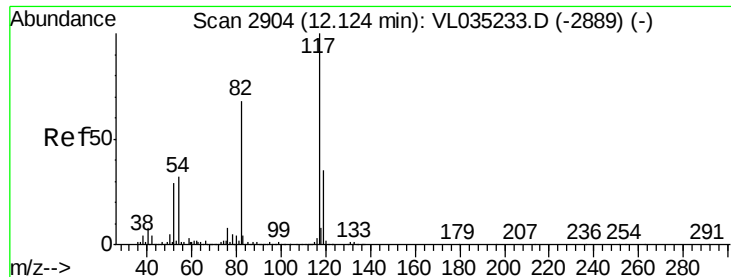
Tgt Ion: 91 Resp: 1500956

Ion Ratio Lower Upper

91 100

92 60.2 48.5 72.7

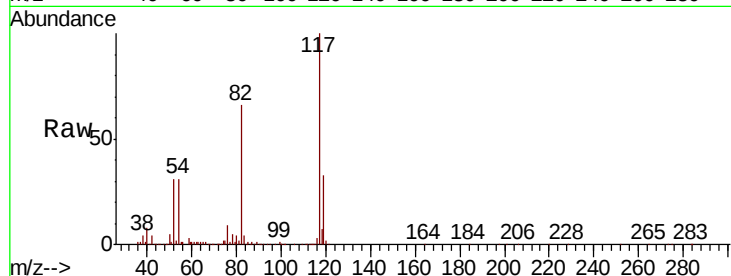




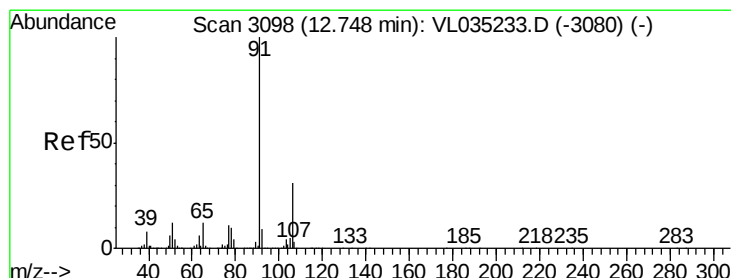
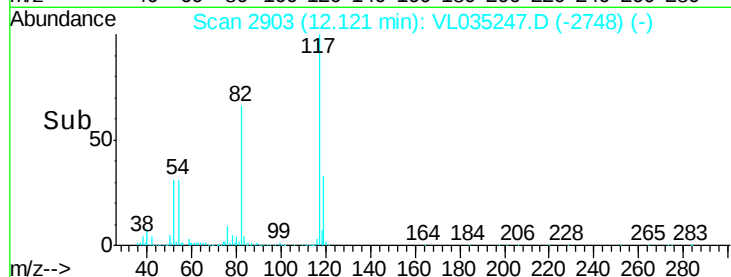
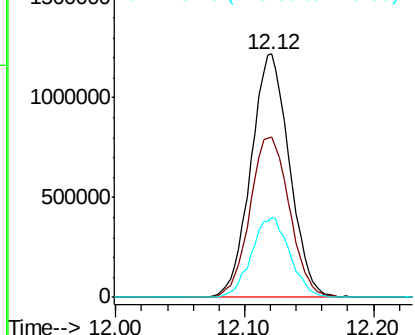
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.12 min Scan# 2903
Delta R.T. -0.00 min
Lab File: VL035247.D
Acq: 29 Jul 2020 15:33

Instrument :
MSVOA_L
ClientSampleId :

Tot Ion:117 Resp: 2538724
Ion Ratio Lower Upper
117 100
82 67.7 52.4 78.6
119 32.8 24.6 36.8

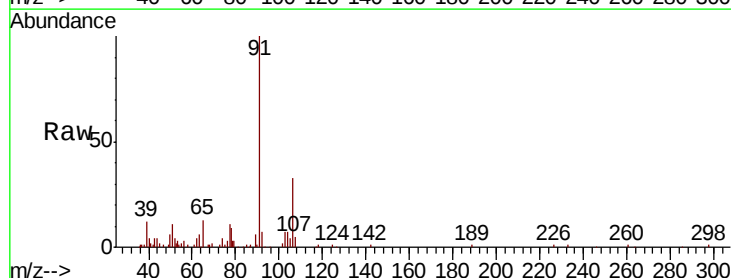


Abundance Ion 117.10 (116.80 to 117.80): V
Ion 82.10 (81.80 to 82.80): VL0
Ion 119.10 (118.80 to 119.80): V

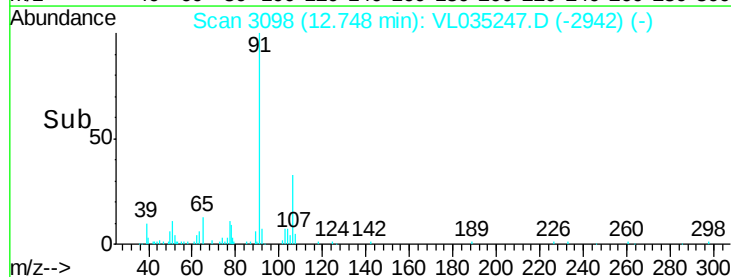
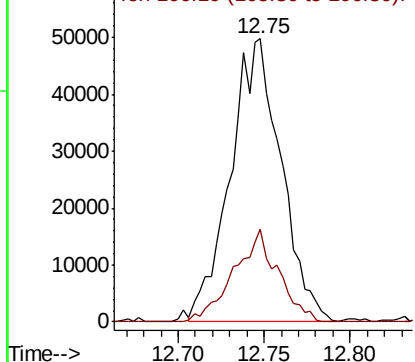


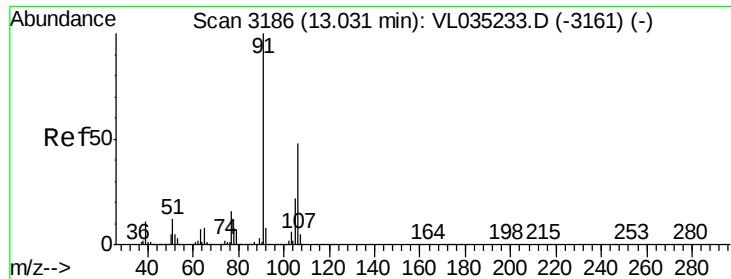
#58
Ethyl Benzene
Concen: 0.380 ppbv
RT: 12.75 min Scan# 3098
Delta R.T. 0.00 min
Lab File: VL035247.D
Acq: 29 Jul 2020 15:33

Tgt Ion: 91 Resp: 102256
Ion Ratio Lower Upper
91 100
106 32.8 25.0 37.6



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

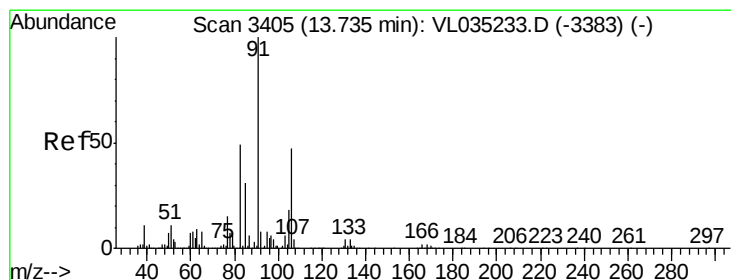
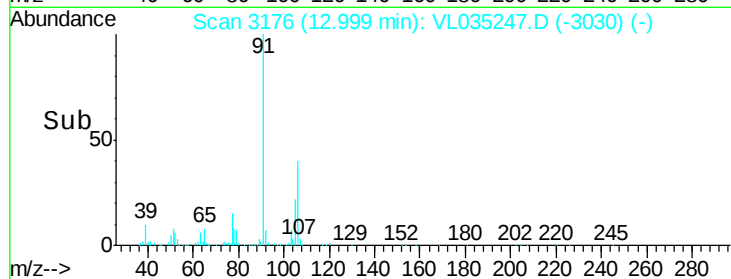
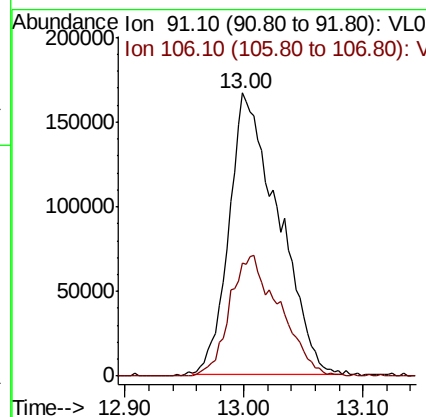
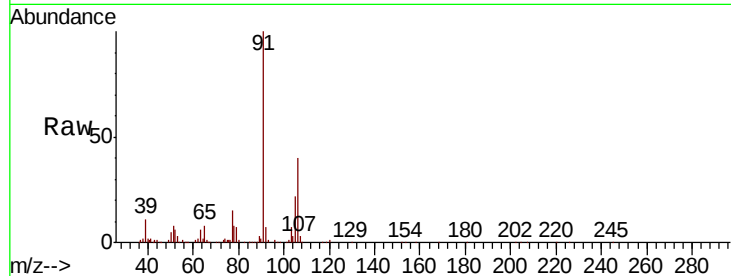




#59
m/p-Xylene
Concen: 1.892 ppbv
RT: 13.00 min Scan# 3176
Delta R.T. -0.03 min
Lab File: VL035247.D
Acq: 29 Jul 2020 15:33

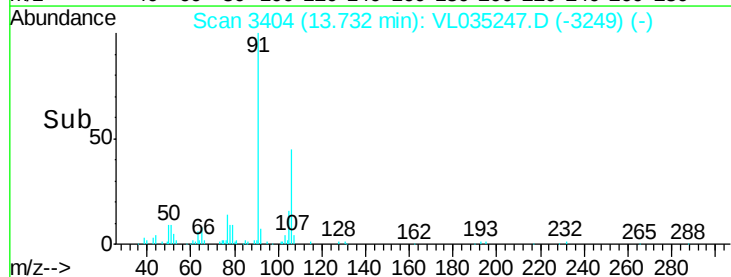
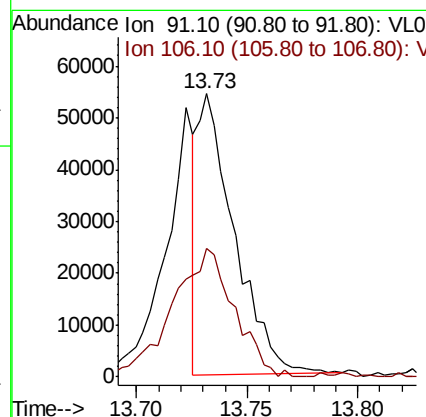
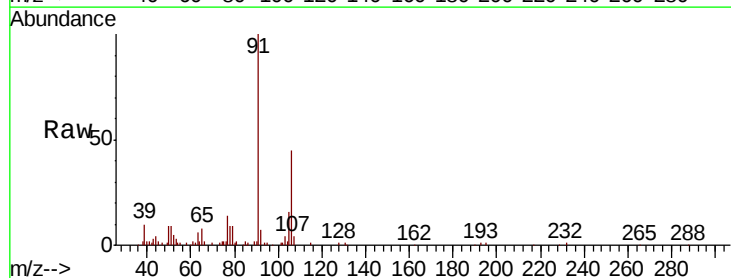
Instrument :
MSVOA_L
ClientSampled :

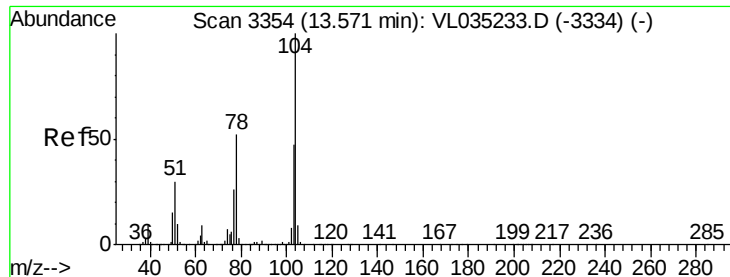
Tot Ion: 91 Resp: 473503
Ion Ratio Lower Upper
91 100
106 43.8 37.2 55.8



#60
o-Xylene
Concen: 0.248 ppbv
RT: 13.73 min Scan# 3404
Delta R.T. -0.00 min
Lab File: VL035247.D
Acq: 29 Jul 2020 15:33

Tgt Ion: 91 Resp: 62041
Ion Ratio Lower Upper
91 100
106 78.0 22.4 67.0#





#61

Stvrene

Concen: 0.032 ppbv

RT: 13.56 min Scan# 3352

Delta R.T. -0.01 min

Lab File: VL035247.D

Acq: 29 Jul 2020 15:33

Instrument :

MSVOA_L

ClientSampleId :

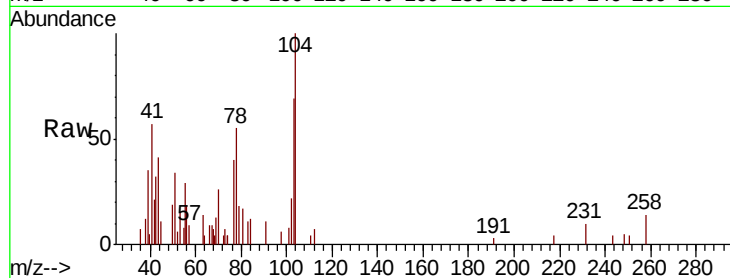
Tot Ion:104 Resp: 4919

Ion Ratio Lower Upper

104 100

78 154.5 43.3 64.9#

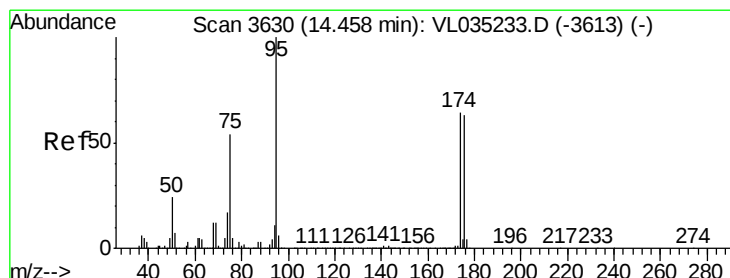
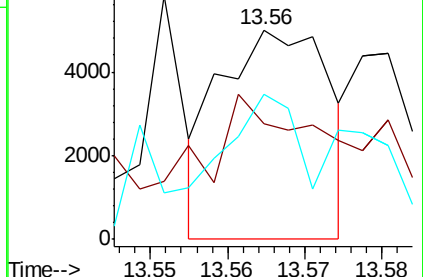
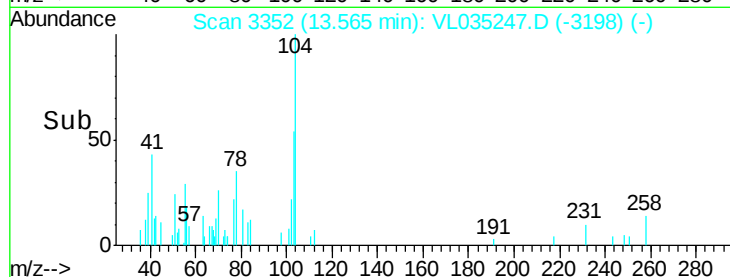
103 132.4 38.2 57.2#



Abundance Ion 104.10 (103.80 to 104.80): V

Ion 78.10 (77.80 to 78.80): VL0

Ion 103.10 (102.80 to 103.80): V



#68

1-Bromo-4-Fluorobenzene

Concen: 10.507 ppbv

RT: 14.46 min Scan# 3630

Delta R.T. 0.00 min

Lab File: VL035247.D

Acq: 29 Jul 2020 15:33

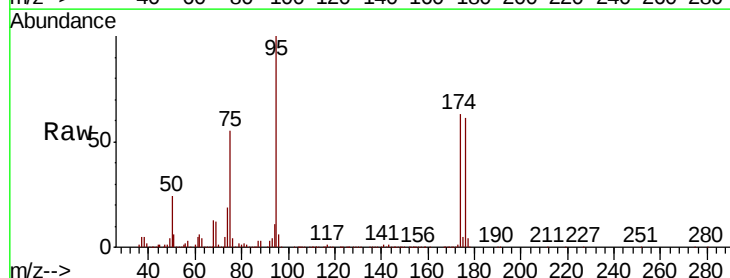
Tgt Ion: 95 Resp: 2131479

Ion Ratio Lower Upper

95 100

174 65.1 52.7 79.1

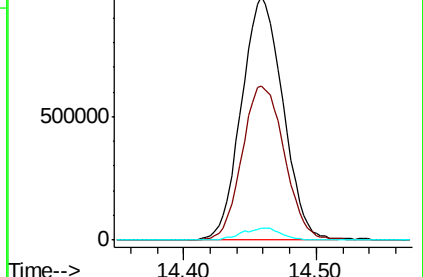
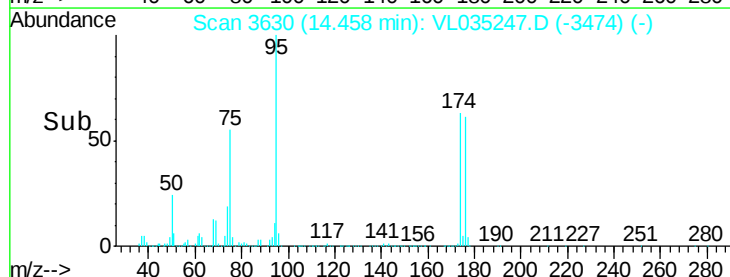
175 4.8 3.9 5.9

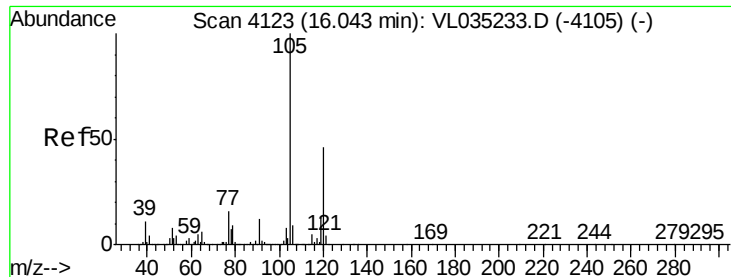


Abundance Ion 95.10 (94.80 to 95.80): VL0

Ion 174.00 (173.70 to 174.70): V

Ion 175.00 (174.70 to 175.70): V





#73

1,3,5-Trimethylbenzene

Concen: 0.097 ppbv

RT: 16.04 min Scan# 4121

Delta R.T. -0.01 min

Lab File: VL035247.D

Acq: 29 Jul 2020 15:33

Instrument :

MSVOA_L

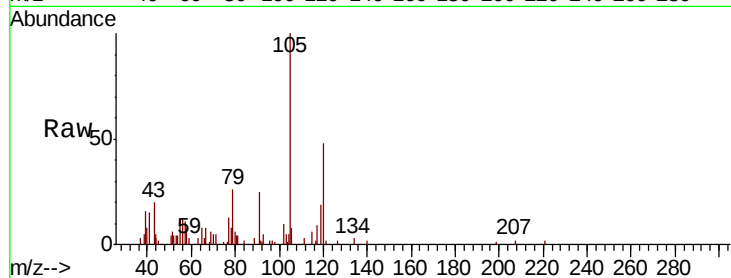
ClientSampleId :

Tot Ion:105 Resp: 26609

Ion Ratio Lower Upper

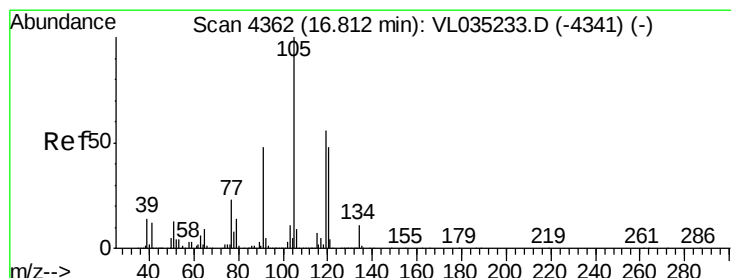
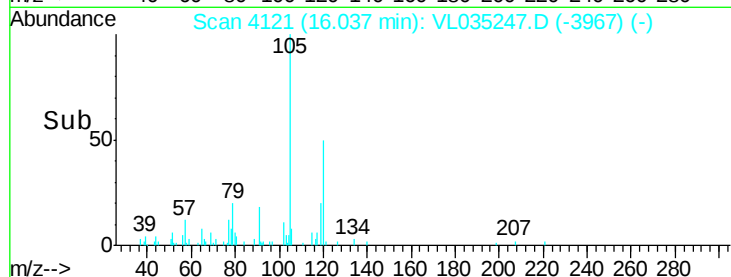
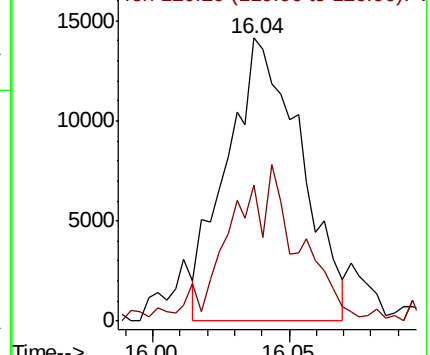
105 100

120 46.0 36.8 55.2



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: 0.316 ppbv

RT: 16.81 min Scan# 4360

Delta R.T. -0.01 min

Lab File: VL035247.D

Acq: 29 Jul 2020 15:33

Tgt Ion:105 Resp: 100880

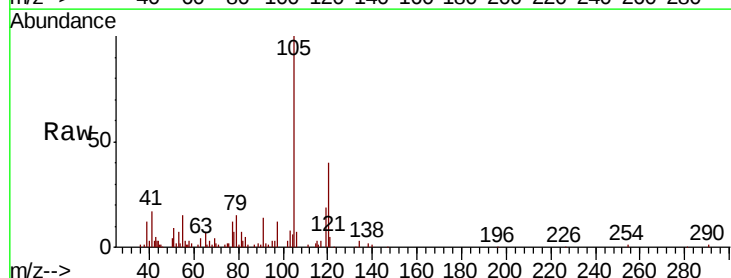
Ion Ratio Lower Upper

105 100

120 45.5 38.8 58.2

91 14.3 38.9 58.3#

77 11.2 18.4 27.6#



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

