

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL091420\
 Data File : VL035613.D
 Acq On : 15 Sep 2020 00:10
 Operator : SY/AP
 Sample : L3983-01DL 40X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV-8DL

Quant Time: Sep 15 06:44:20 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL082720AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Sep 14 15:19:50 2020
 QLast Update : Mon Sep 14 15:19:50 2020
 Response via : Initial Calibration

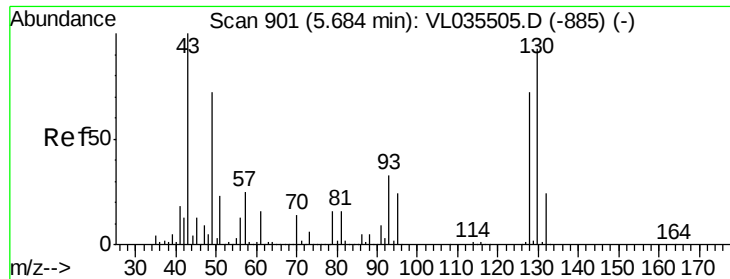
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	1031976	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	4526217	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.12	117	4314469	10.00	ppbv	0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.44	95	3220010	10.51	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	105.10%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
4) Chloromethane	3.13	50	5849	0.096	ppbv	98
5) Vinyl Chloride	3.24	62	82183	1.090	ppbv	99
9) Propene	3.00	41	81314	1.848	ppbv	90
10) Heptane	8.13	43	24865	0.210	ppbv #	18
13) Ethanol	3.60	45	29167	2.674	ppbv	98
15) Acetone	3.84	43	2575484	22.628	ppbv	94
16) 1,3-Butadiene	3.29	39	144939	3.421	ppbv #	6
17) tert-Butyl alcohol	4.30	59	47677	0.344	ppbv	98
18) 1,1-Dichloroethene	4.28	96	254432	2.935	ppbv	98
19) Isopropyl Alcohol	3.98	45	23330	0.344	ppbv #	93
20) Methylene Chloride	4.33	84	36825	0.434	ppbv	91
22) trans-1,2-Dichloroethene	4.87	96	422886	4.583	ppbv	92
23) Vinyl Acetate	5.05	43	29514	0.202	ppbv #	17
24) 1,1-Dichloroethane	4.87	63	166617	1.108	ppbv #	1
25) Ethyl Acetate	5.67	43	28310	0.141	ppbv #	72
26) Hexane	5.68	57	45121	0.396	ppbv #	45
27) Carbon Disulfide	4.54	76	22008	0.135	ppbv #	92
29) Chloroform	5.74	83	55195	0.238	ppbv	98
30) Cyclohexane	7.12	84	15589	0.128	ppbv #	83
31) cis-1,2-Dichloroethene	5.54	61	8412649	71.974	ppbv #	93
34) 2-Butanone	5.26	43	226715	1.688	ppbv	99
36) Benzene	6.89	78	81053	0.277	ppbv	97
38) Trichloroethene	7.83	130	8363790	49.144	ppbv #	84
39) 1,2-Dichloropropane	7.83	63	92285	0.932	ppbv #	1
42) Bromodichloromethane	7.83	83	179839	0.796	ppbv #	90
44) 2,2,4-Trimethylpentane	7.88	57	1071750	2.780	ppbv	97
50) 4-Methyl-2-Pentanone	8.75	43	290000	1.491	ppbv	98
51) 2-Hexanone	10.11	43	12964	0.081	ppbv #	39
52) Tetrachloroethene	11.22	164	10421441	60.886	ppbv #	79
53) Toluene	9.81	91	264725	0.718	ppbv	97
58) Ethyl Benzene	12.73	91	27909	0.063	ppbv	95
59) m/p-Xylene	13.00	91	187822	0.505	ppbv	97
60) o-Xylene	13.71	91	66982	0.179	ppbv	99
72) 4-Ethyltoluene	15.85	105	31810	0.067	ppbv #	93
74) 1,2,4-Trimethylbenzene	16.77	105	72552	0.150	ppbv #	70

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



#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.66 min Scan# 893

Delta R.T. -0.01 min

Lab File: VL035613.D

Acq: 15 Sep 2020 00:10

Instrument :

MSVOA_L

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SV-8DL

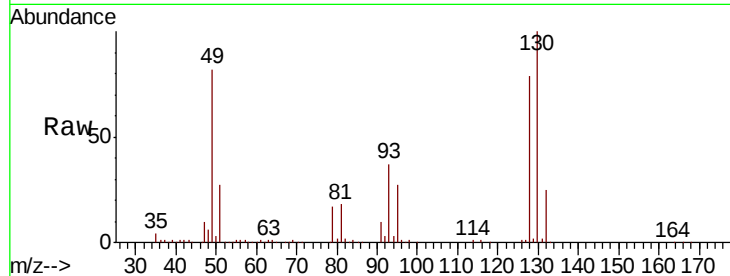
Tot Ion: 49 Resp: 1031976

Ion Ratio Lower Upper

49 100

128 95.0 50.0 150.1

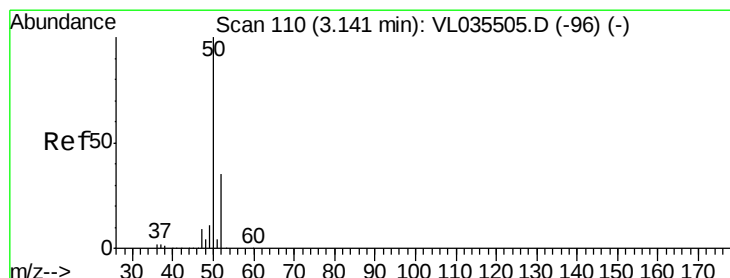
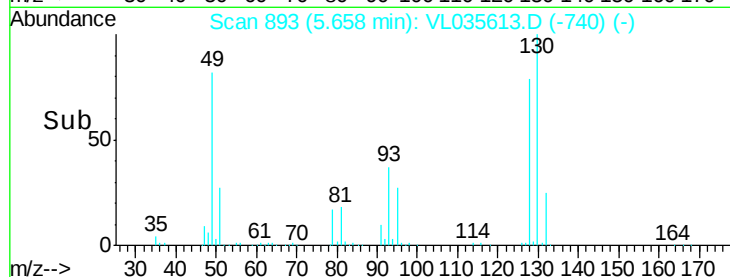
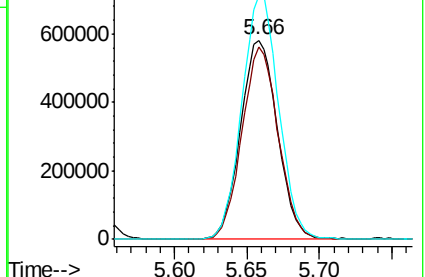
130 122.8 64.4 193.2



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



#4

Chloromethane

Concen: 0.096 ppbv

RT: 3.13 min Scan# 106

Delta R.T. -0.00 min

Lab File: VL035613.D

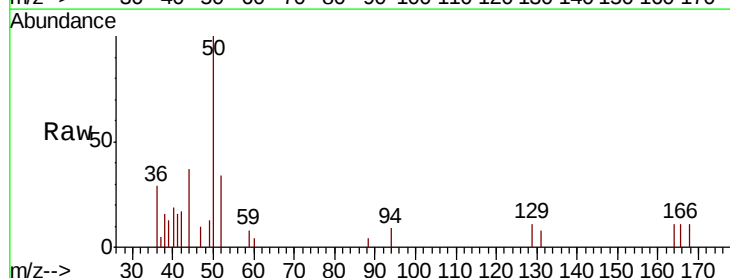
Acq: 15 Sep 2020 00:10

Tgt Ion: 50 Resp: 5849

Ion Ratio Lower Upper

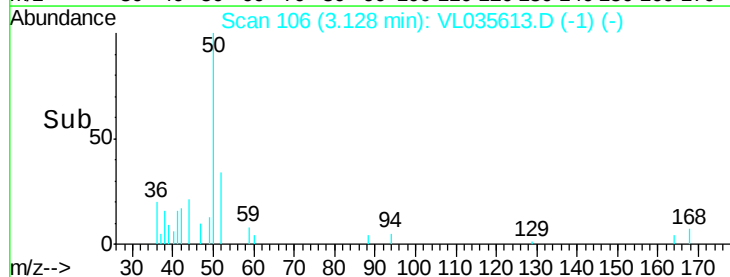
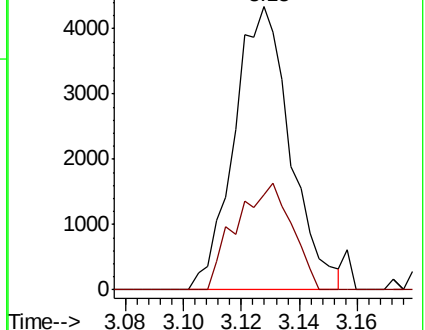
50 100

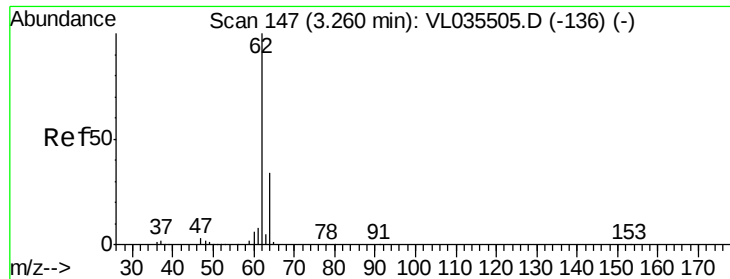
52 33.5 27.7 41.5



Abundance Ion 50.10 (49.80 to 50.80): VL0

Ion 52.10 (51.80 to 52.80): VL0





#5

Vinyl Chloride

Concen: 1.090 ppbv

RT: 3.24 min Scan# 142

Delta R.T. -0.00 min

Lab File: VL035613.D

Acq: 15 Sep 2020 00:10

Instrument :

MSVOA_L

ClientSampleId :

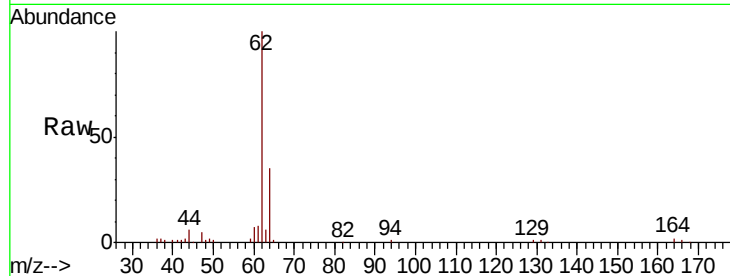
SV-8DL

Tot Ion: 62 Resp: 82183

Ion Ratio Lower Upper

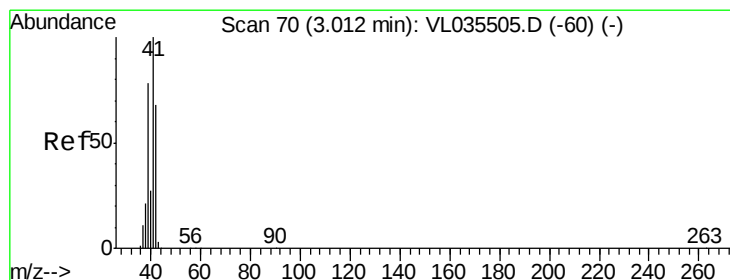
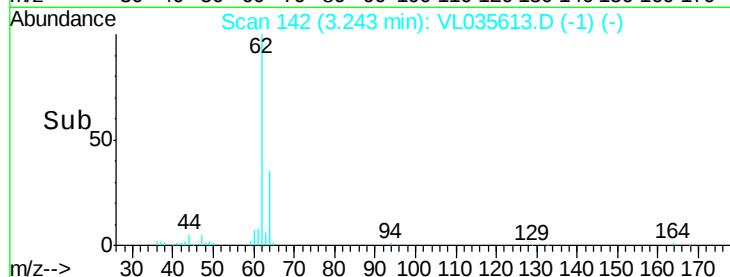
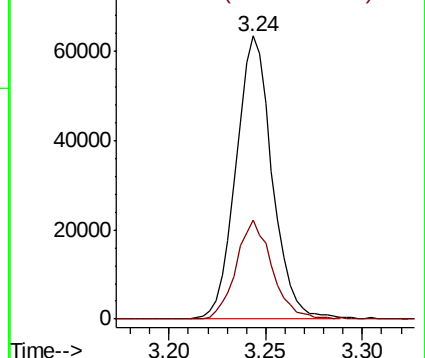
62 100

64 35.0 27.4 41.2



Abundance Ion 62.10 (61.80 to 62.80): VL0

Ion 64.10 (63.80 to 64.80): VL0



#9

Propene

Concen: 1.848 ppbv

RT: 3.00 min Scan# 65

Delta R.T. -0.00 min

Lab File: VL035613.D

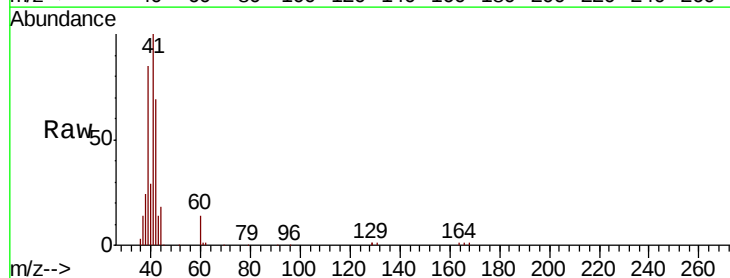
Acq: 15 Sep 2020 00:10

Tgt Ion: 41 Resp: 81314

Ion Ratio Lower Upper

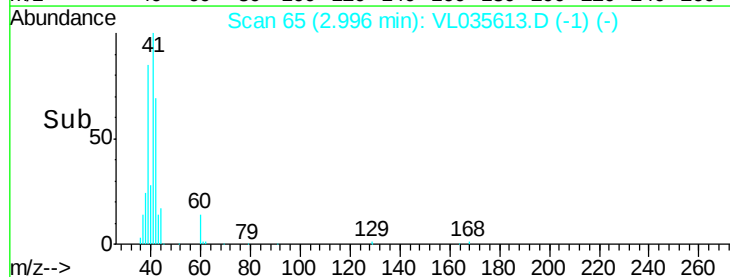
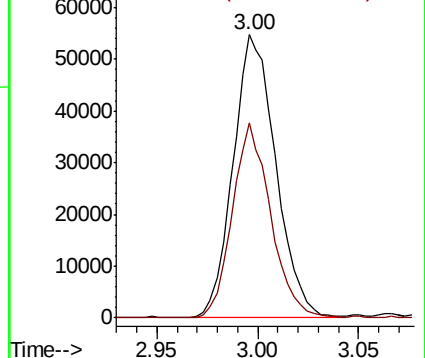
41 100

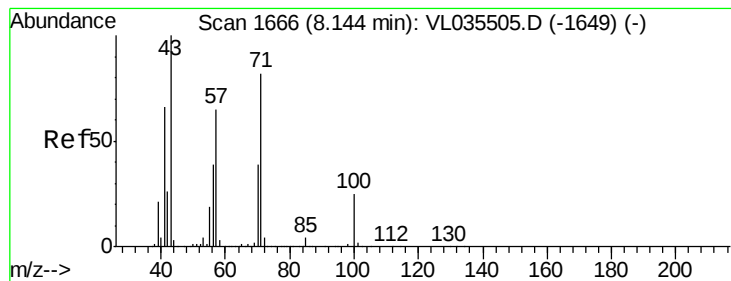
42 62.0 56.3 84.5



Abundance Ion 41.10 (40.80 to 41.80): VL0

Ion 42.10 (41.80 to 42.80): VL0





#10

Heptane

Concen: 0.210 ppbv

RT: 8.13 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VL035613.D

Acq: 15 Sep 2020 00:10

Instrument :

MSVOA_L

ClientSampleId :

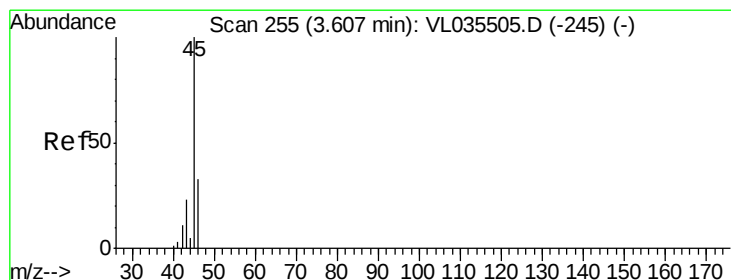
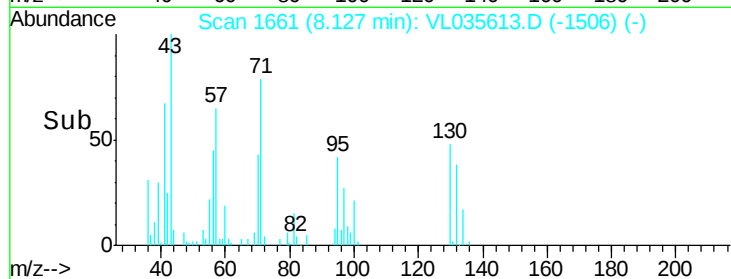
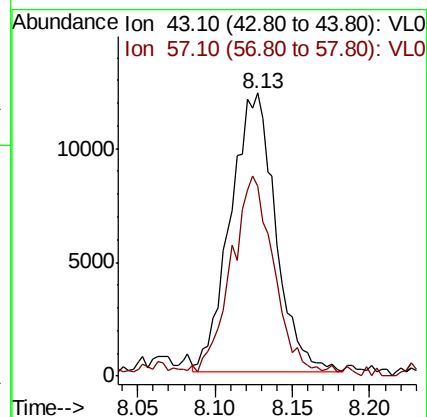
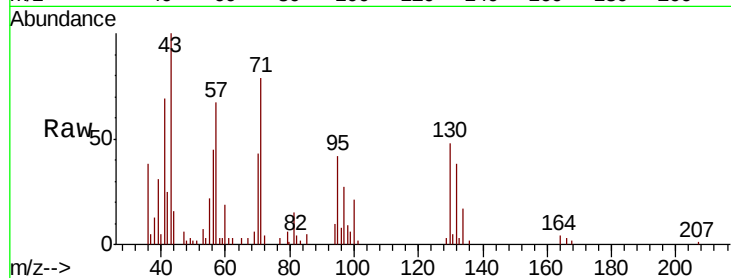
SV-8DL

Tot Ion: 43 Resp: 24865

Ion Ratio Lower Upper

43 100

57 0.0 51.4 77.0#



#13

Ethanol

Concen: 2.674 ppbv

RT: 3.60 min Scan# 254

Delta R.T. 0.01 min

Lab File: VL035613.D

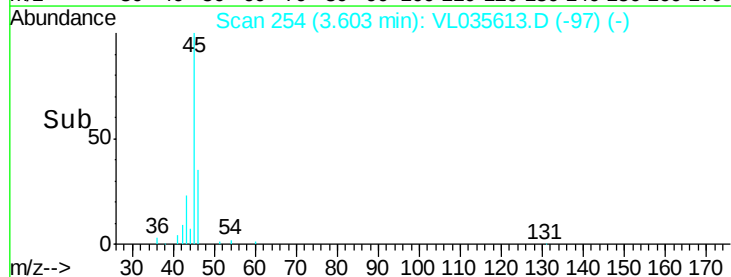
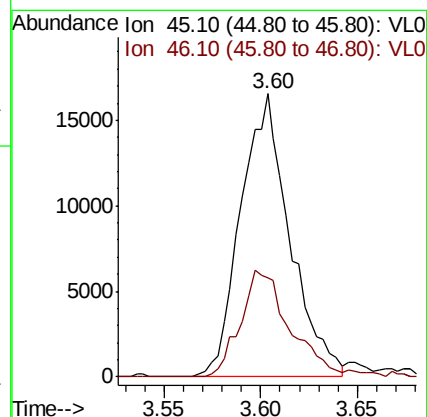
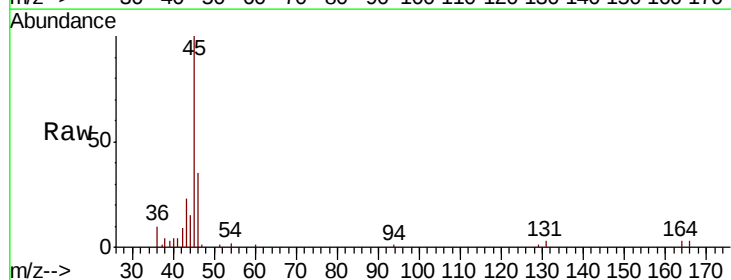
Acq: 15 Sep 2020 00:10

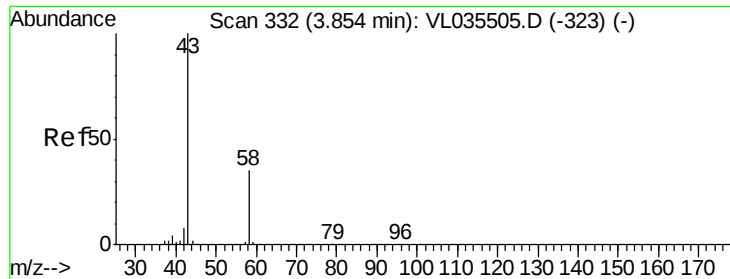
Tgt Ion: 45 Resp: 29167

Ion Ratio Lower Upper

45 100

46 39.2 15.2 60.6





#15

Acetone

Concen: 22.628 ppbv

RT: 3.84 min Scan# 328

Delta R.T. 0.00 min

Lab File: VL035613.D

Acq: 15 Sep 2020 00:10

Instrument :

MSVOA_L

ClientSampleId :

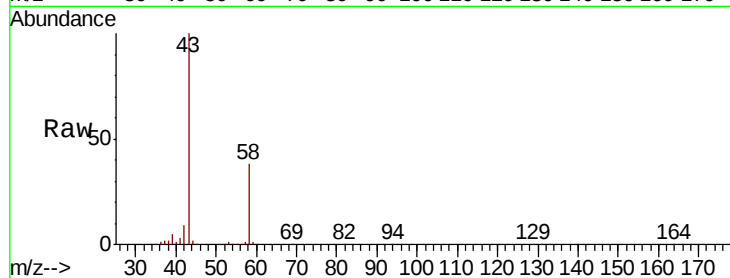
SV-8DL

Tot Ion: 43 Resp: 2575484

Ion Ratio Lower Upper

43 100

58 38.9 28.4 42.6



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

3.84

1500000

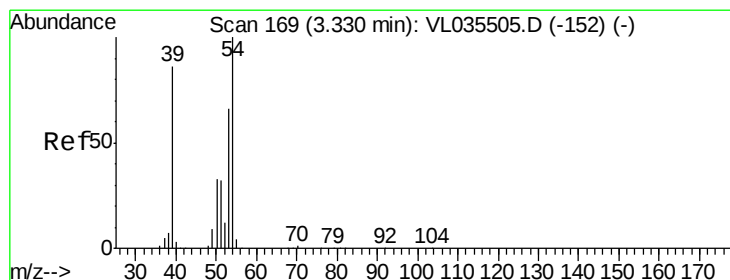
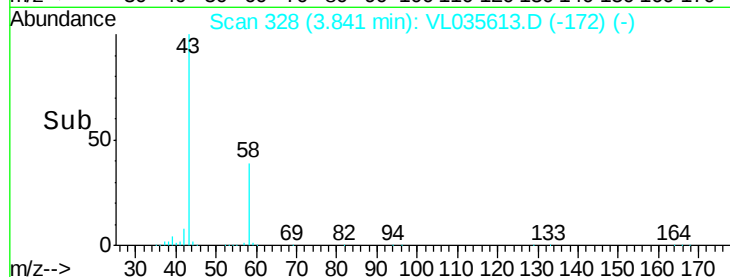
1000000

500000

0

Time-->

3.80 3.85 3.90



#16

1,3-Butadiene

Concen: 3.421 ppbv

RT: 3.29 min Scan# 158

Delta R.T. -0.02 min

Lab File: VL035613.D

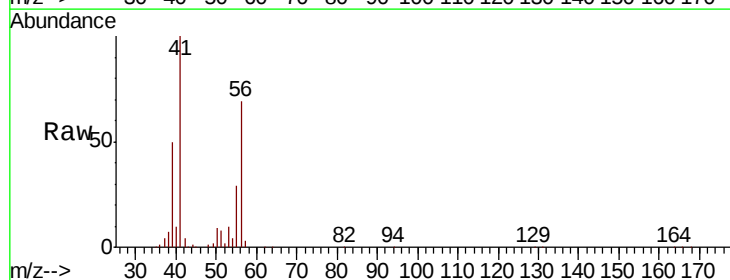
Acq: 15 Sep 2020 00:10

Tgt Ion: 39 Resp: 144939

Ion Ratio Lower Upper

39 100

54 10.6 88.4 132.6#



Abundance Ion 39.10 (38.80 to 39.80): VL0

Ion 54.10 (53.80 to 54.80): VL0

3.29

120000

100000

80000

60000

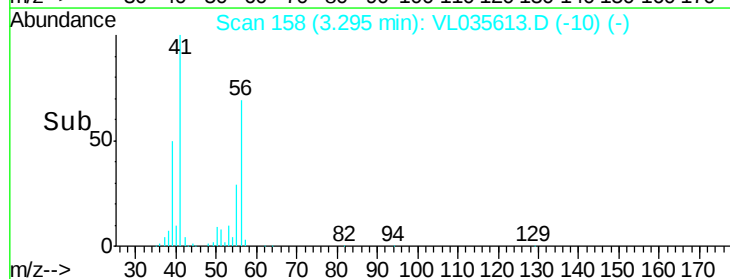
40000

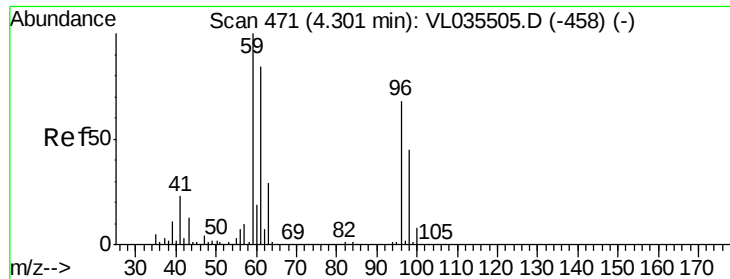
20000

0

Time-->

3.25 3.30



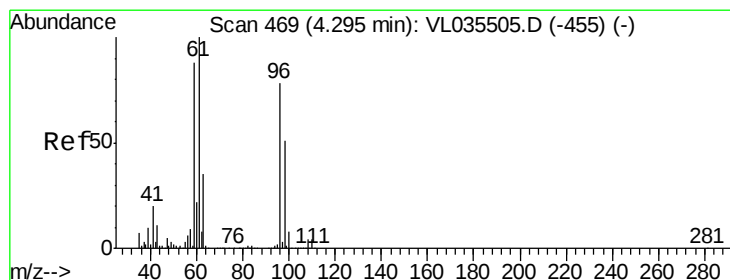
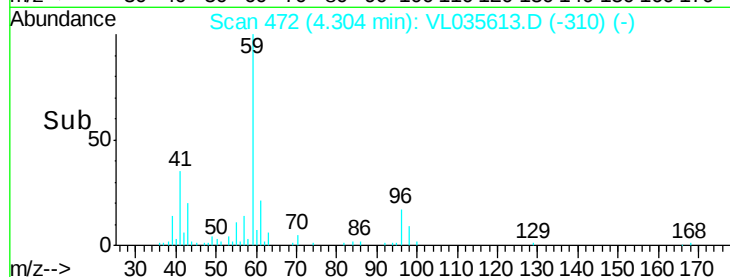
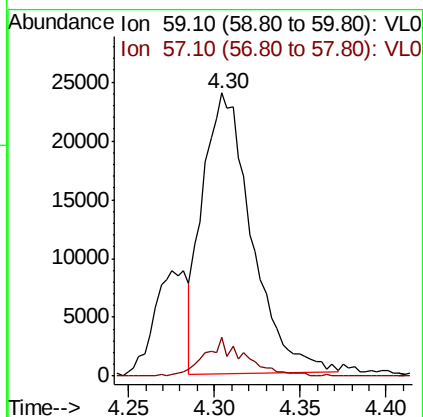
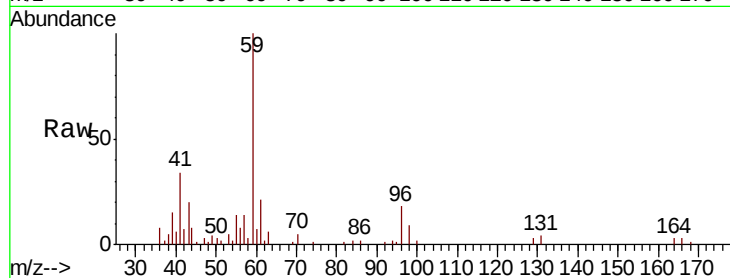


#17

tert-Butyl alcohol
Concen: 0.344 ppbv
RT: 4.30 min Scan# 472
Delta R.T. 0.02 min
Lab File: VL035613.D
Acq: 15 Sep 2020 00:10

Instrument :
MSVOA_L
ClientSampleId :
SV-8DL

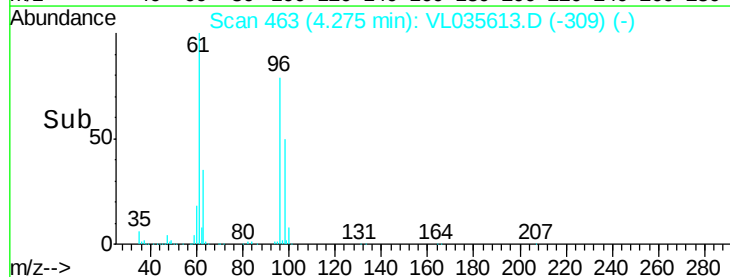
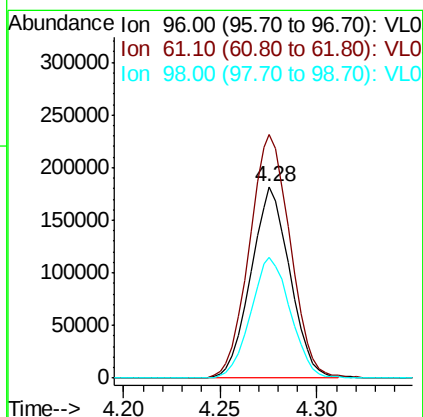
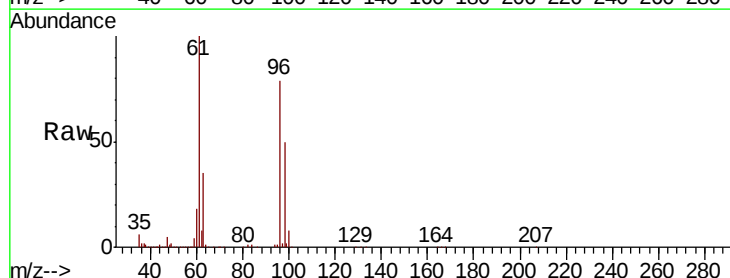
Tot Ion: 59 Resp: 47677
Ion Ratio Lower Upper
59 100
57 11.2 8.4 12.6

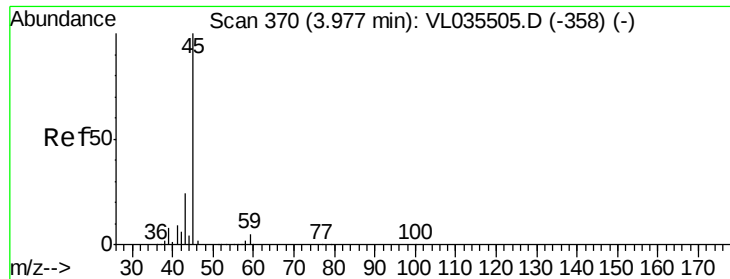


#18

1,1-Dichloroethene
Concen: 2.935 ppbv
RT: 4.28 min Scan# 463
Delta R.T. -0.00 min
Lab File: VL035613.D
Acq: 15 Sep 2020 00:10

Tgt Ion: 96 Resp: 254432
Ion Ratio Lower Upper
96 100
61 127.2 103.0 154.6
98 63.0 52.8 79.2





#19

Isopropyl Alcohol

Concen: 0.344 ppbv

RT: 3.98 min Scan# 370

Delta R.T. 0.02 min

Lab File: VL035613.D

Acq: 15 Sep 2020 00:10

Instrument :

MSVOA_L

ClientSampleId :

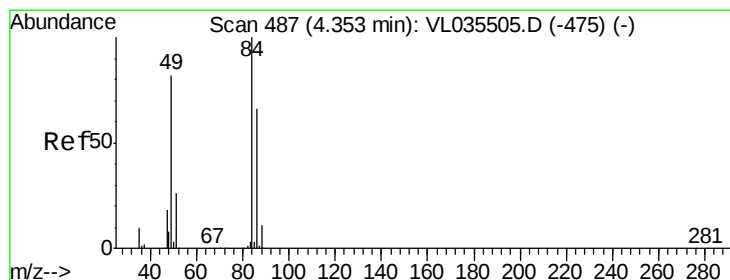
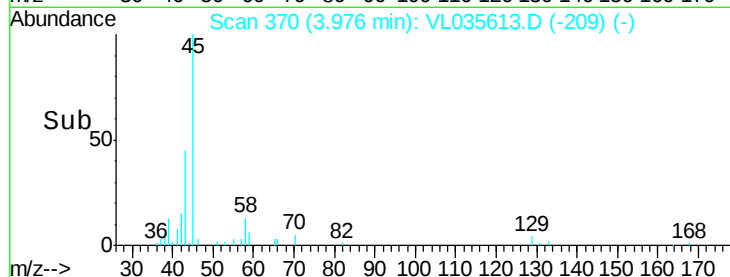
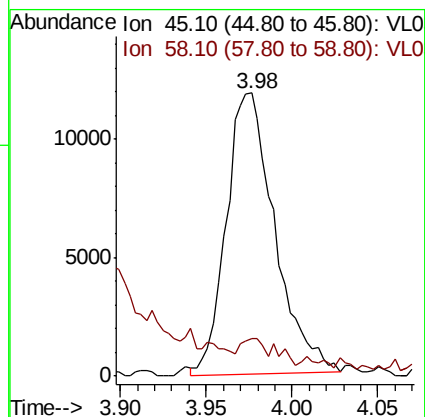
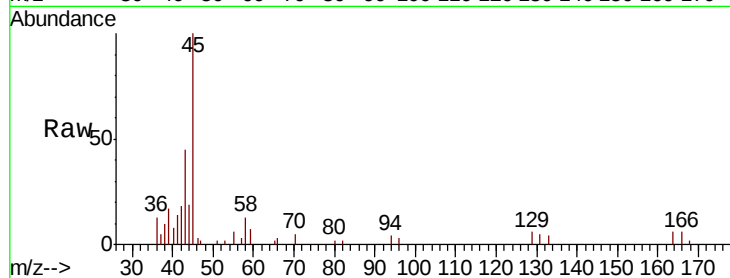
SV-8DL

Tot Ion: 45 Resp: 23330

Ion Ratio Lower Upper

45 100

58 0.0 2.0 3.0#



#20

Methylene Chloride

Concen: 0.434 ppbv

RT: 4.33 min Scan# 480

Delta R.T. -0.01 min

Lab File: VL035613.D

Acq: 15 Sep 2020 00:10

Tgt Ion: 84 Resp: 36825

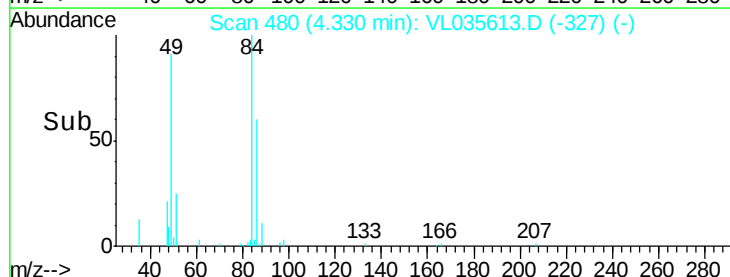
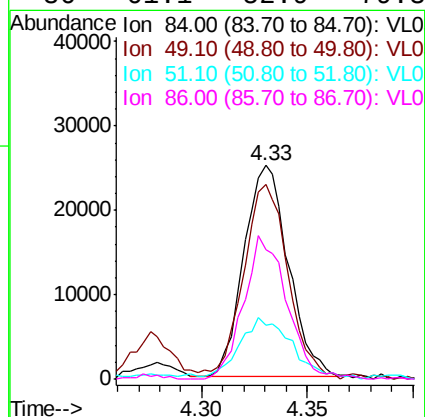
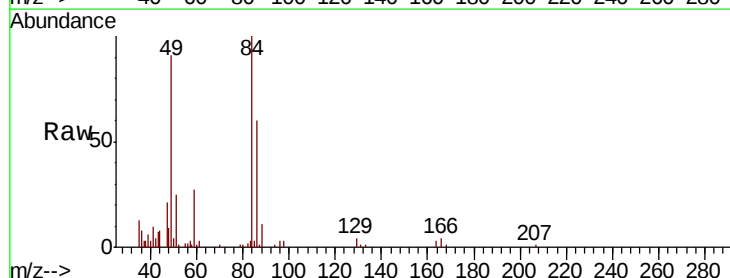
Ion Ratio Lower Upper

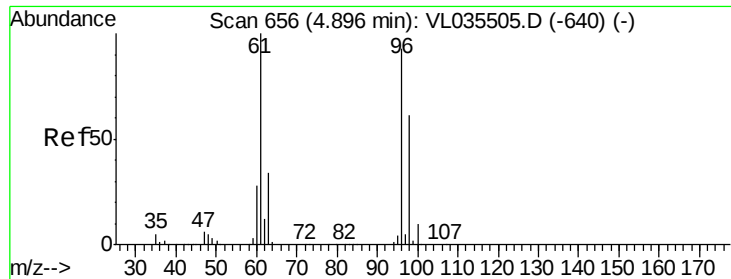
84 100

49 92.1 65.4 98.0

51 23.8 21.5 32.3

86 61.1 52.9 79.3





#22

trans-1,2-Dichloroethene

Concen: 4.583 ppbv

RT: 4.87 min Scan# 648

Delta R.T. -0.01 min

Lab File: VL035613.D

Acq: 15 Sep 2020 00:10

Instrument :

MSVOA_L

ClientSampleId :

SV-8DL

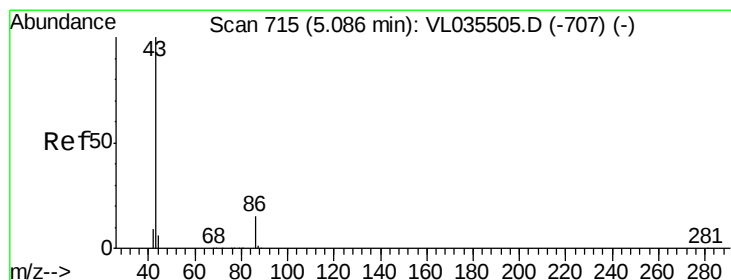
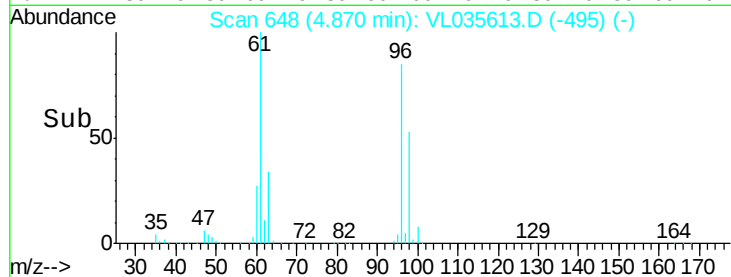
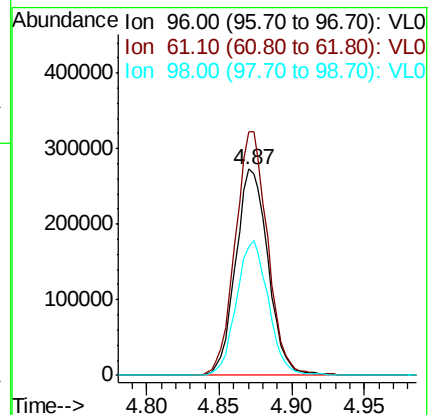
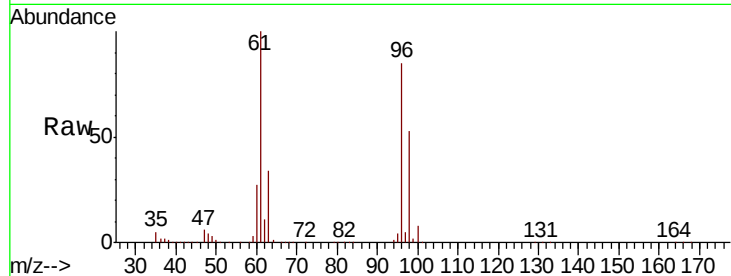
Tot Ion: 96 Resp: 422886

Ion Ratio Lower Upper

96 100

61 117.9 86.0 129.0

98 62.6 52.3 78.5



#23

Vinyl Acetate

Concen: 0.202 ppbv

RT: 5.05 min Scan# 703

Delta R.T. -0.02 min

Lab File: VL035613.D

Acq: 15 Sep 2020 00:10

Tgt Ion: 43 Resp: 29514

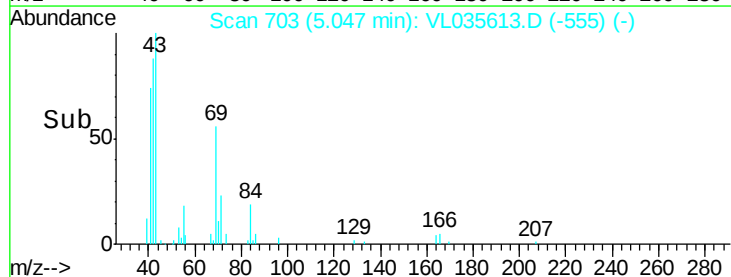
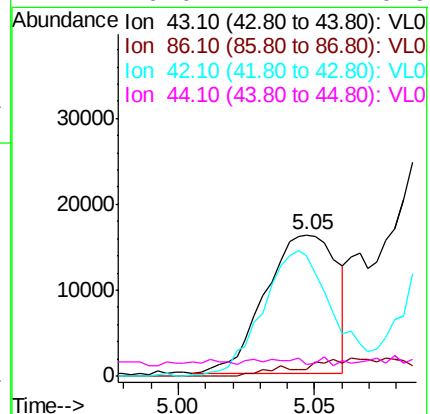
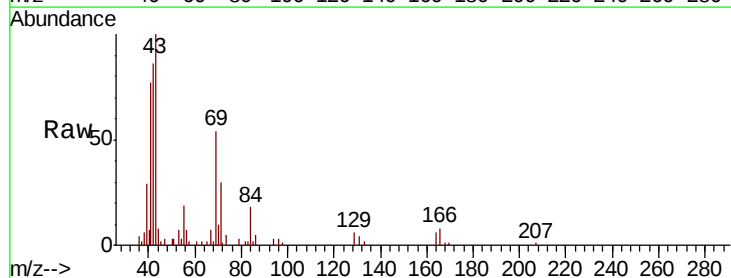
Ion Ratio Lower Upper

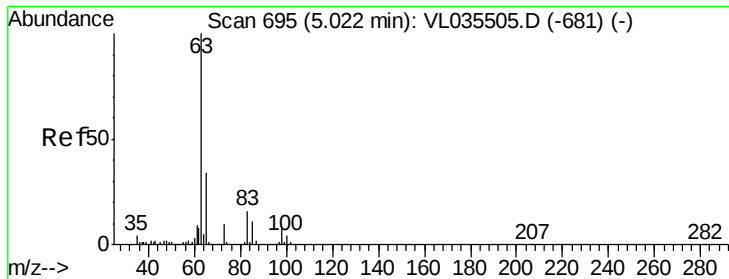
43 100

86 5.1 10.6 16.0#

42 85.8 7.5 11.3#

44 0.0 4.4 6.6#





#24

1,1-Dichloroethane

Concen: 1.108 ppbv

RT: 4.87 min Scan# 649

Delta R.T. -0.13 min

Lab File: VL035613.D

Acq: 15 Sep 2020 00:10

Instrument :

MSVOA_L

ClientSampleId :

SV-8DL

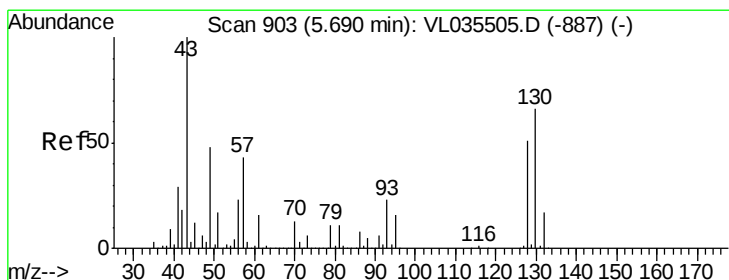
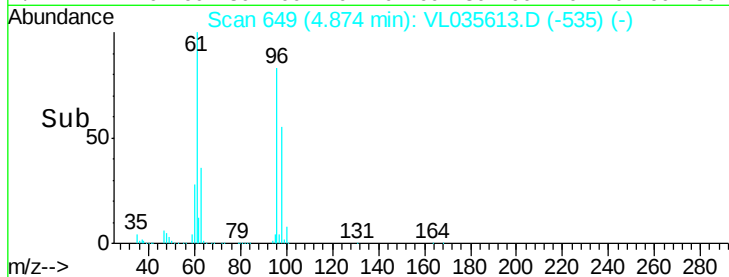
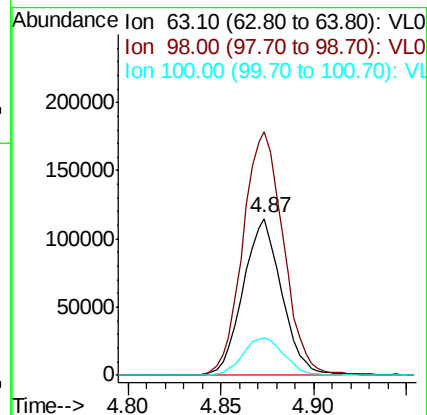
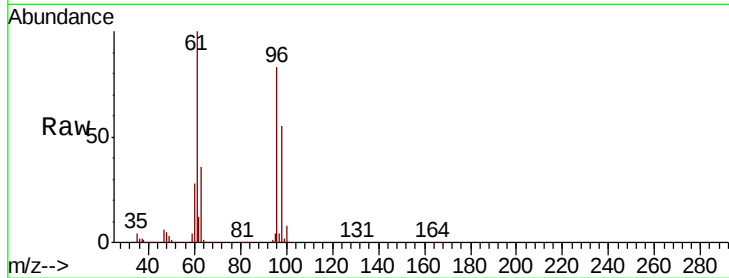
Tot Ion: 63 Resp: 166617

Ion Ratio Lower Upper

63 100

98 155.1 3.4 10.1#

100 23.7 2.1 6.5#



#25

Ethyl Acetate

Concen: 0.141 ppbv

RT: 5.67 min Scan# 898

Delta R.T. -0.00 min

Lab File: VL035613.D

Acq: 15 Sep 2020 00:10

Tgt Ion: 43 Resp: 28310

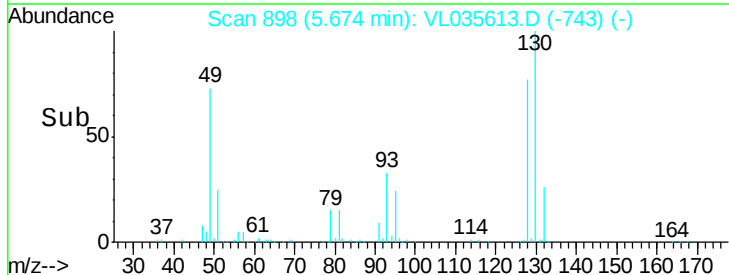
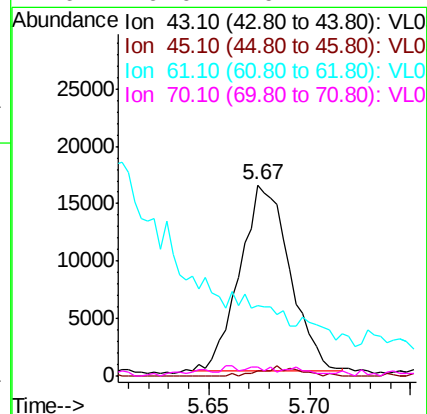
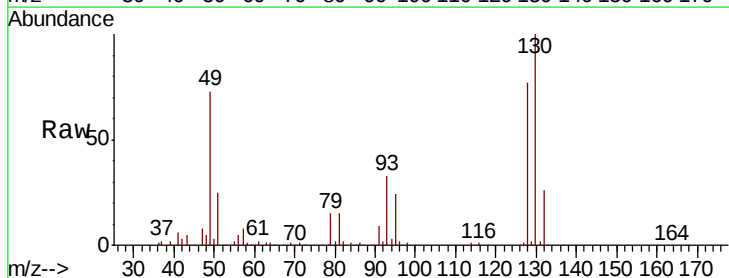
Ion Ratio Lower Upper

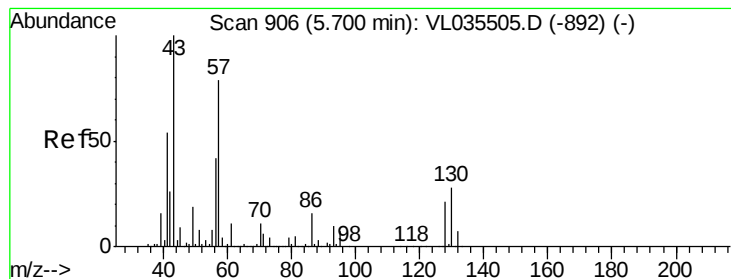
43 100

45 4.0 8.4 12.6#

61 0.0 10.6 16.0#

70 0.0 9.4 14.2#





#26

Hexane

Concen: 0.396 ppbv

RT: 5.68 min Scan# 899

Delta R.T. -0.01 min

Lab File: VL035613.D

Acq: 15 Sep 2020 00:10

Instrument :

MSVOA_L

ClientSampleId :

SV-8DL

Tot Ion: 57 Resp: 45121

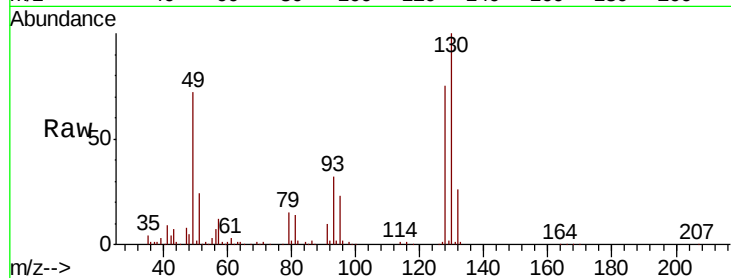
Ion Ratio Lower Upper

57 100

41 86.6 55.9 83.9#

43 65.3 141.8 212.8#

56 63.4 41.8 62.8#

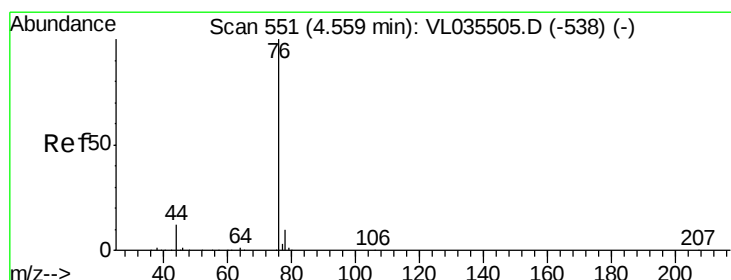
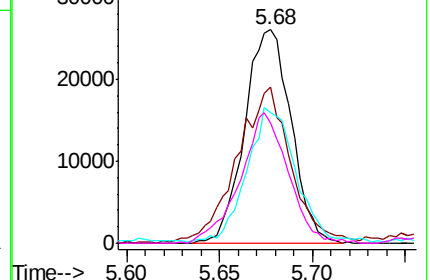
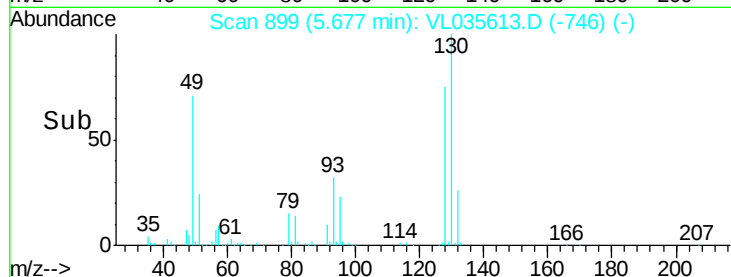


Abundance Ion 57.10 (56.80 to 57.80): VL0

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: 0.135 ppbv

RT: 4.54 min Scan# 544

Delta R.T. -0.01 min

Lab File: VL035613.D

Acq: 15 Sep 2020 00:10

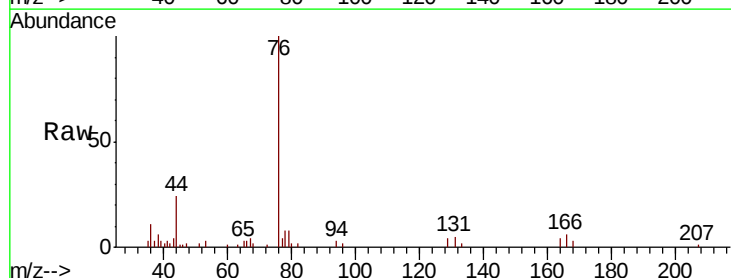
Tgt Ion: 76 Resp: 22008

Ion Ratio Lower Upper

76 100

44 15.3 9.3 13.9#

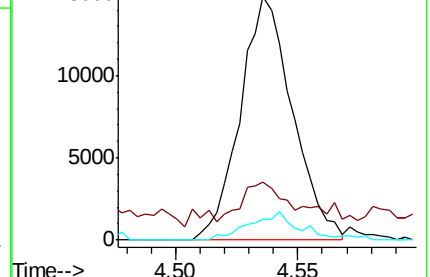
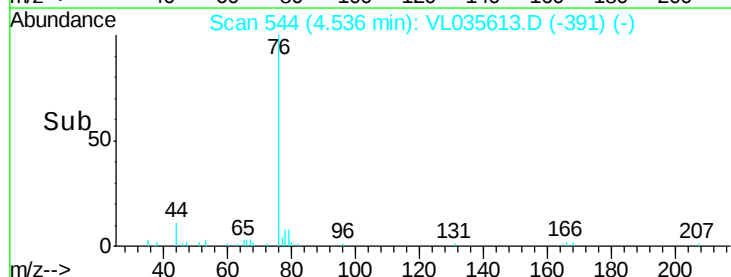
78 11.6 7.8 11.6

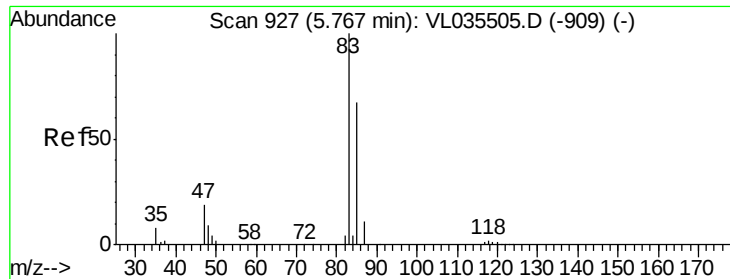


Abundance Ion 76.00 (75.70 to 76.70): VL0

Ion 44.10 (43.80 to 44.80): VL0

Ion 78.00 (77.70 to 78.70): VL0

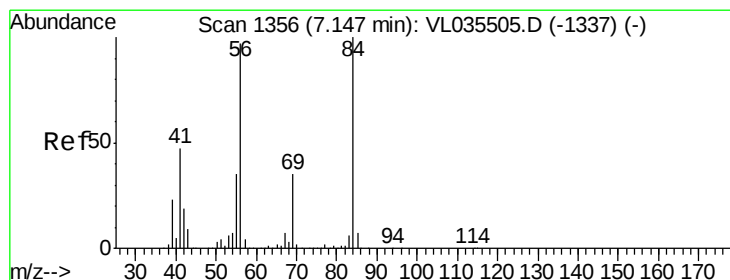
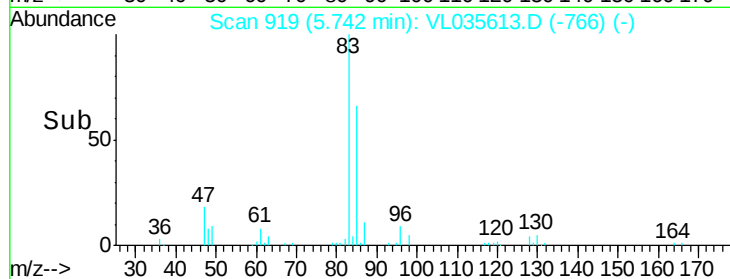
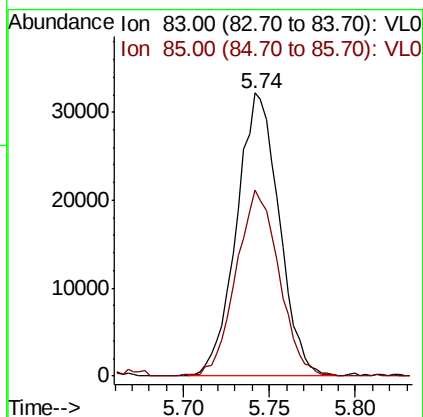
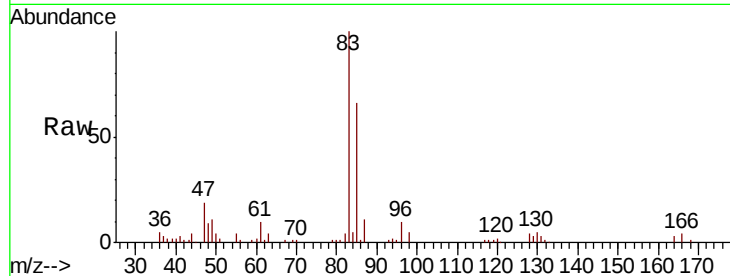




#29
Chloroform
Concen: 0.238 ppbv
RT: 5.74 min Scan# 919
Delta R.T. -0.01 min
Lab File: VL035613.D
Acq: 15 Sep 2020 00:10

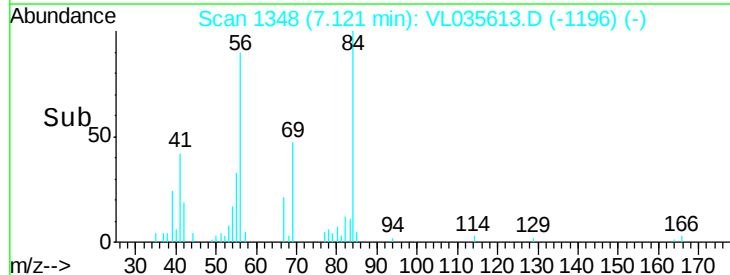
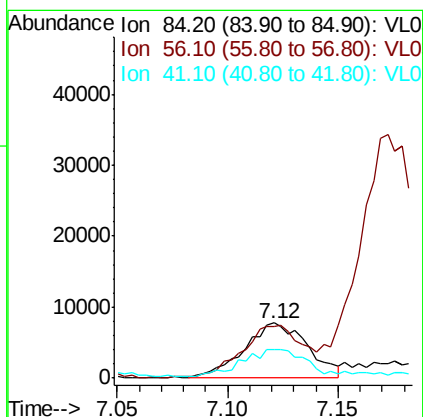
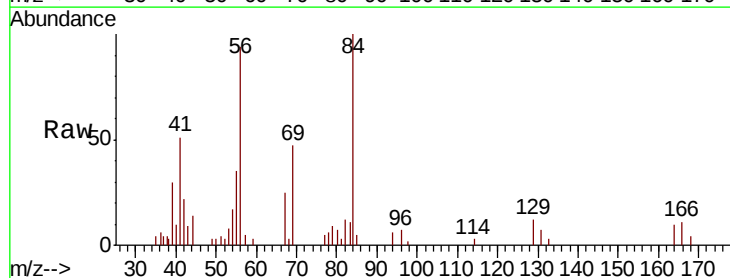
Instrument :
MSVOA_L
ClientSampleId :
SV-8DL

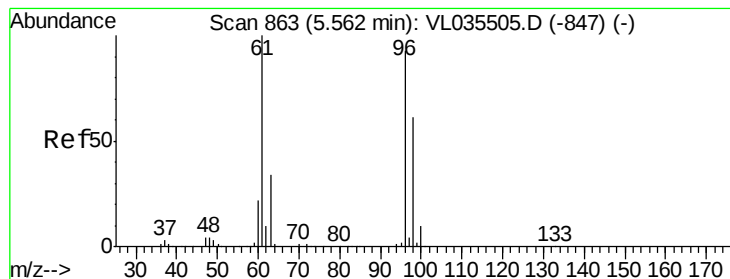
Tot Ion: 83 Resp: 55195
Ion Ratio Lower Upper
83 100
85 65.6 53.9 80.9



#30
Cyclohexane
Concen: 0.128 ppbv
RT: 7.12 min Scan# 1348
Delta R.T. -0.01 min
Lab File: VL035613.D
Acq: 15 Sep 2020 00:10

Tgt Ion: 84 Resp: 15589
Ion Ratio Lower Upper
84 100
56 78.2 80.1 120.1#
41 52.7 38.1 57.1



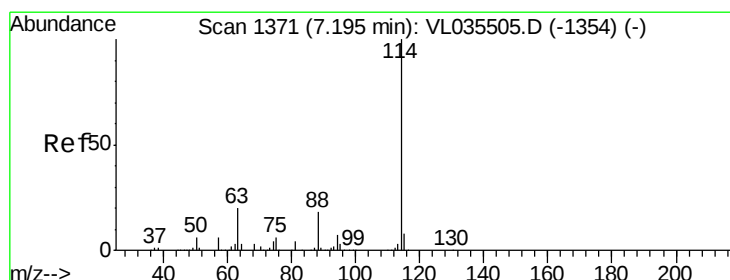
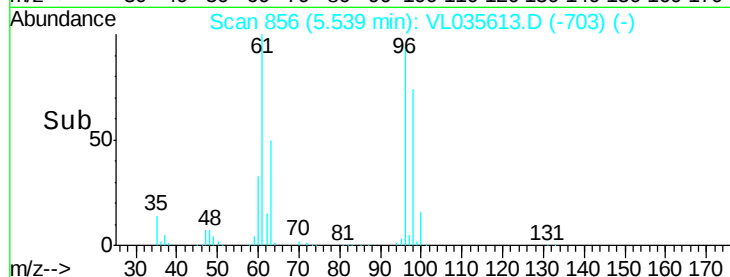
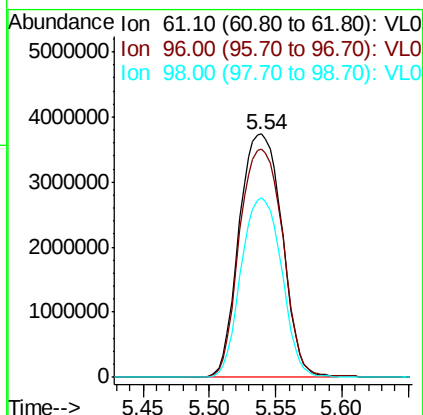
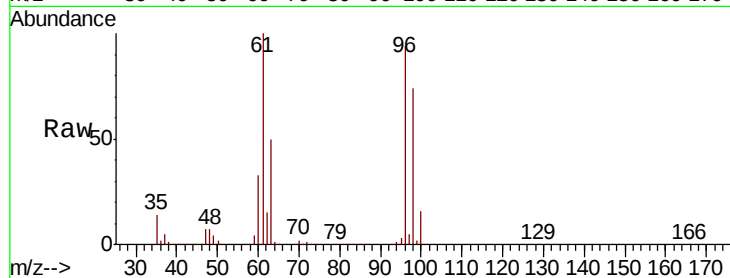


#31

cis-1,2-Dichloroethene
 Concen: 71.974 ppbv
 RT: 5.54 min Scan# 856
 Delta R.T. -0.01 min
 Lab File: VL035613.D
 Acq: 15 Sep 2020 00:10

Instrument :
 MSVOA_L
 ClientSampleId :
 SV-8DL

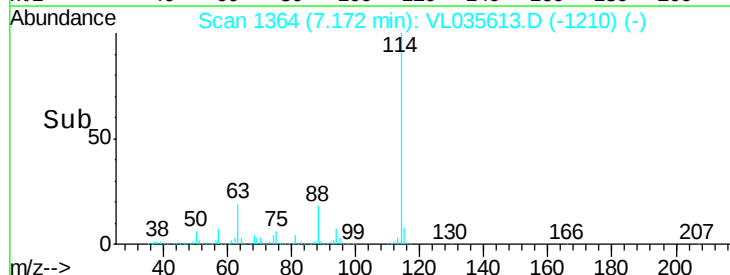
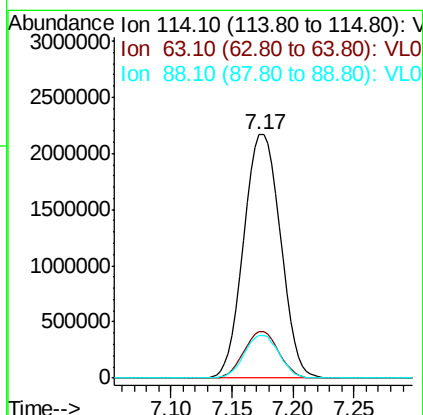
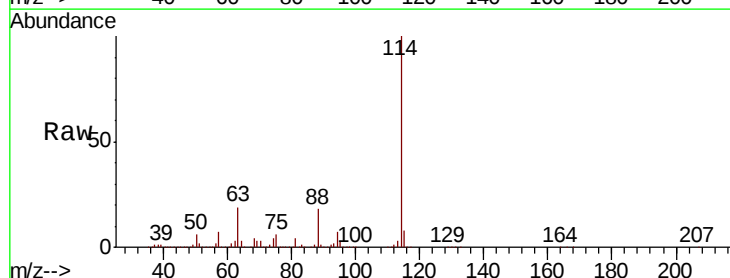
Tot Ion: 61 Resp: 8412649
 Ion Ratio Lower Upper
 61 100
 96 93.7 74.4 111.6
 98 73.8 49.2 73.8#

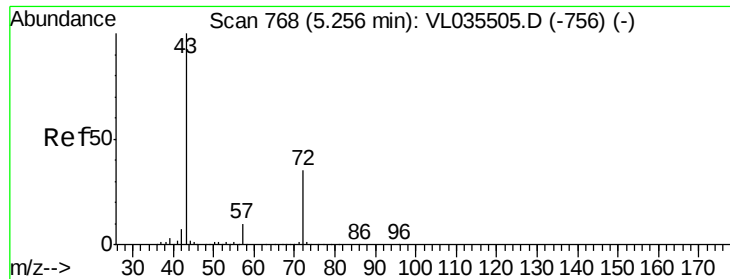


#33

1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.17 min Scan# 1364
 Delta R.T. -0.00 min
 Lab File: VL035613.D
 Acq: 15 Sep 2020 00:10

Tgt Ion: 114 Resp: 4526217
 Ion Ratio Lower Upper
 114 100
 63 18.1 14.7 22.1
 88 16.7 13.4 20.2

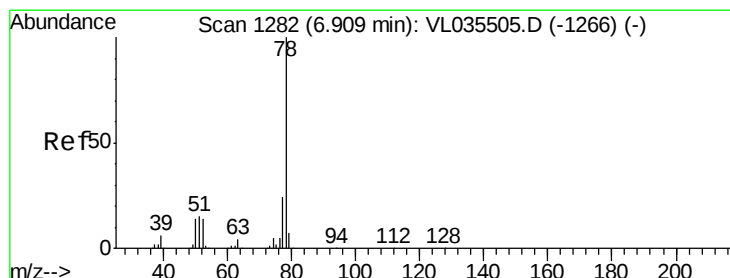
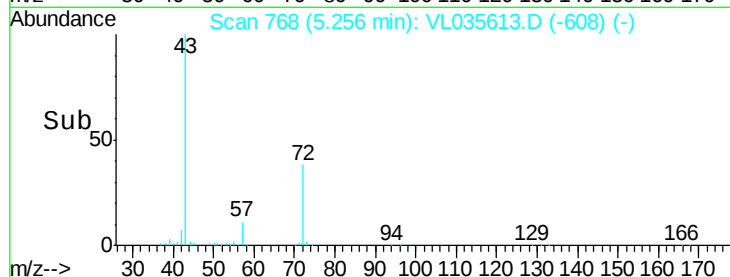
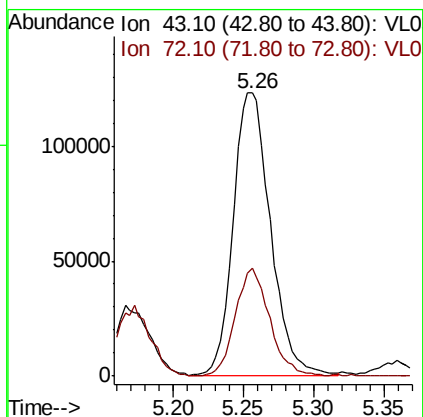
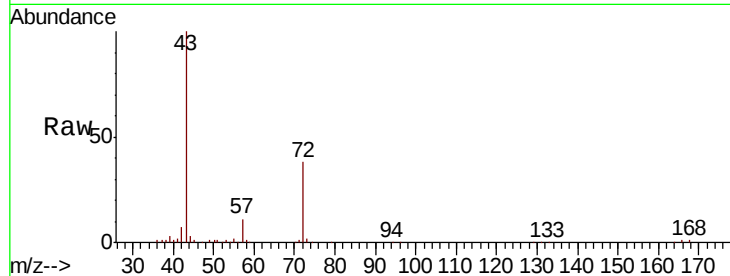




#34
2-Butanone
Concen: 1.688 ppbv
RT: 5.26 min Scan# 768
Delta R.T. 0.02 min
Lab File: VL035613.D
Acq: 15 Sep 2020 00:10

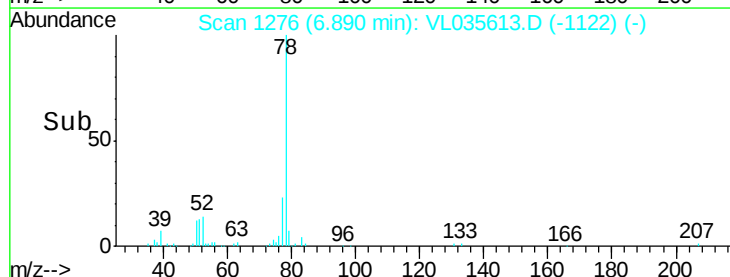
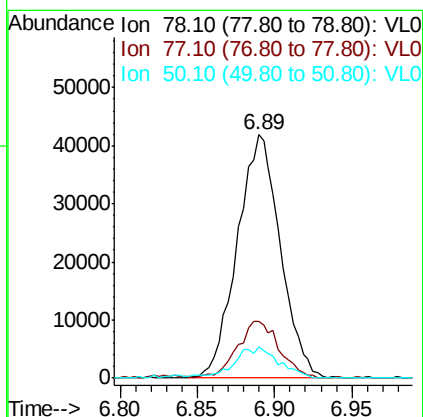
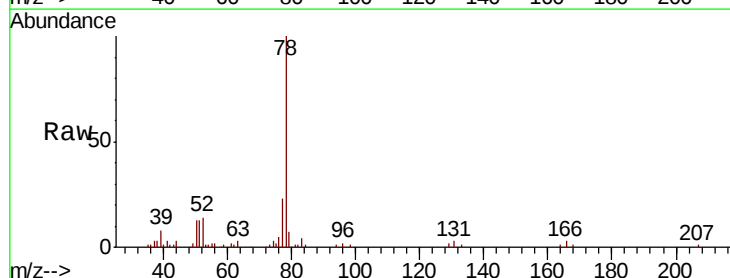
Instrument :
MSVOA_L
ClientSampled :
SV-8DL

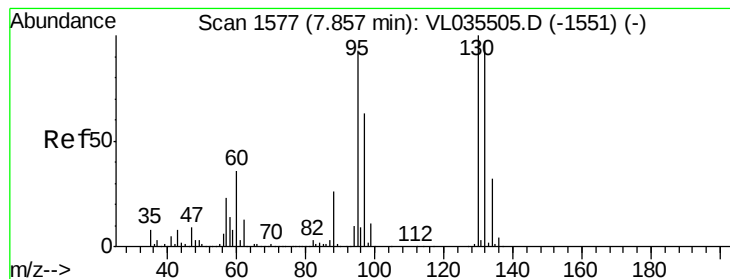
Tot Ion: 43 Resp: 226715
Ion Ratio Lower Upper
43 100
72 35.4 27.7 41.5



#36
Benzene
Concen: 0.277 ppbv
RT: 6.89 min Scan# 1276
Delta R.T. -0.00 min
Lab File: VL035613.D
Acq: 15 Sep 2020 00:10

Tgt Ion: 78 Resp: 81053
Ion Ratio Lower Upper
78 100
77 22.8 19.3 28.9
50 12.8 11.0 16.6





#38

Trichloroethene

Concen: 49.144 ppbv

RT: 7.83 min Scan# 1567

Delta R.T. -0.01 min

Lab File: VL035613.D

Acq: 15 Sep 2020 00:10

Instrument :

MSVOA_L

ClientSampleId :

SV-8DL

Tot Ion:130 Resp: 8363790

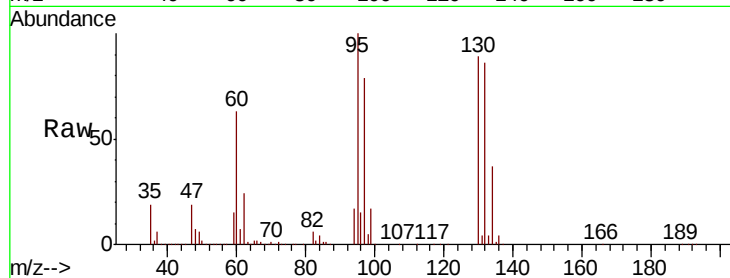
Ion Ratio Lower Upper

130 100

95 112.3 74.6 112.0#

132 96.9 77.6 116.4

97 89.1 50.6 76.0#

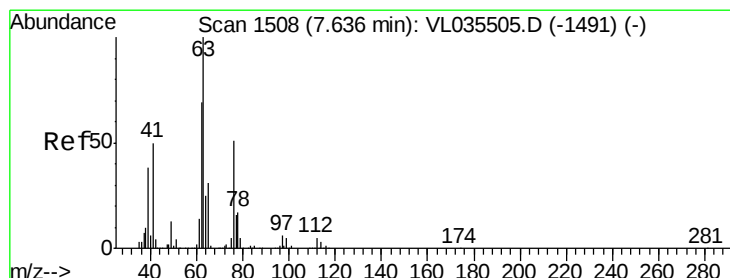
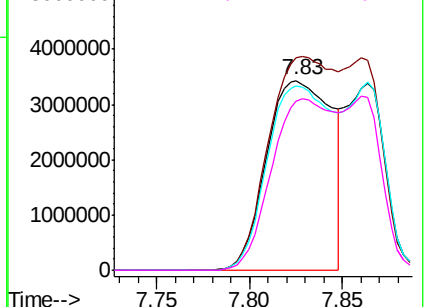
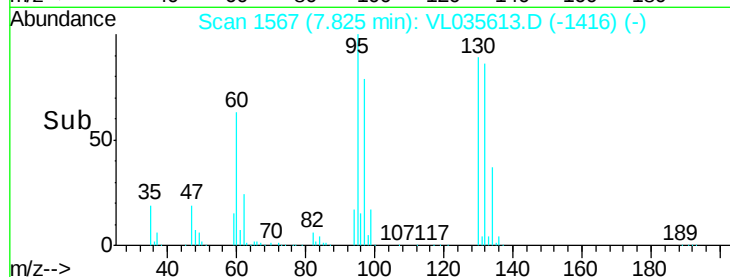


Abundance Ion 130.00 (129.70 to 130.70): V

Ion 95.00 (94.70 to 95.70): VL0

Ion 132.00 (131.70 to 132.70): V

Ion 97.00 (96.70 to 97.70): VL0



#39

1,2-Dichloropropane

Concen: 0.932 ppbv

RT: 7.83 min Scan# 1570

Delta R.T. 0.22 min

Lab File: VL035613.D

Acq: 15 Sep 2020 00:10

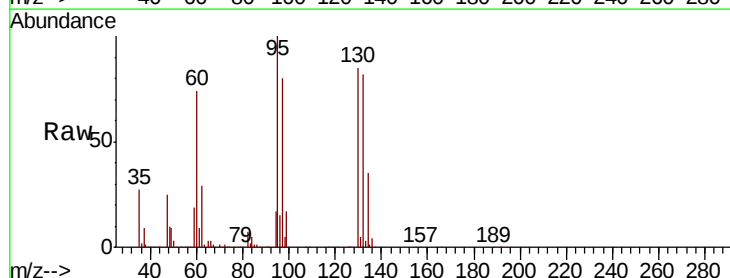
Tgt Ion: 63 Resp: 92285

Ion Ratio Lower Upper

63 100

41 8.8 40.0 60.0#

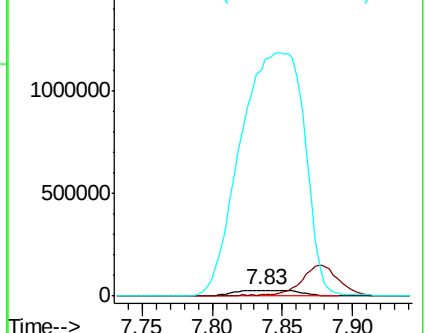
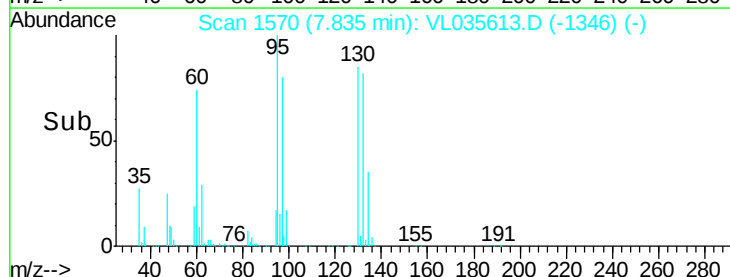
62 3768.2 55.4 83.0#

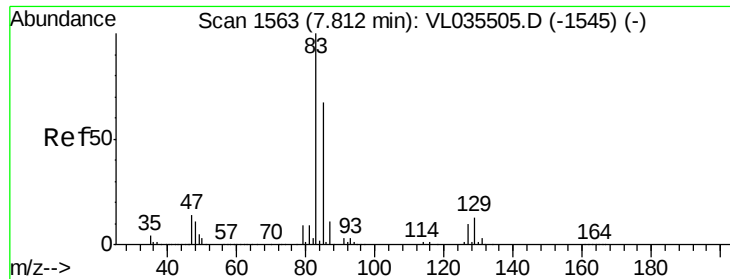


Abundance Ion 63.10 (62.80 to 63.80): VL0

Ion 41.10 (40.80 to 41.80): VL0

Ion 62.10 (61.80 to 62.80): VL0





#42

Bromodichloromethane

Concen: 0.796 ppbv

RT: 7.83 min Scan# 1569

Delta R.T. 0.04 min

Lab File: VL035613.D

Acq: 15 Sep 2020 00:10

Instrument :

MSVOA_L

ClientSampleId :

SV-8DL

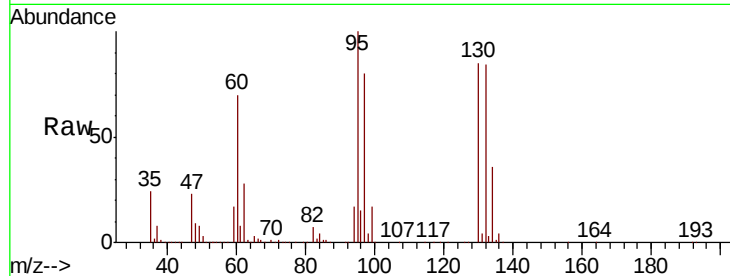
Tot Ion: 83 Resp: 179839

Ion Ratio Lower Upper

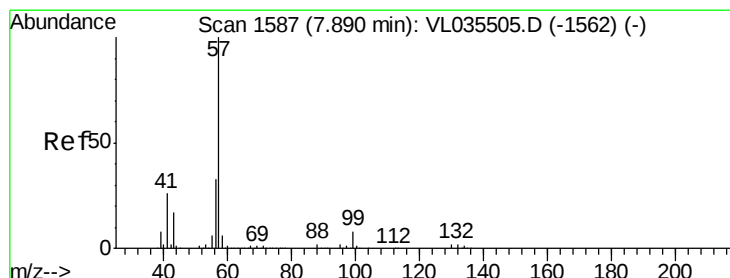
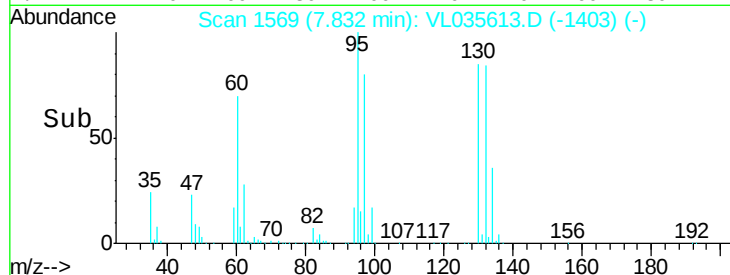
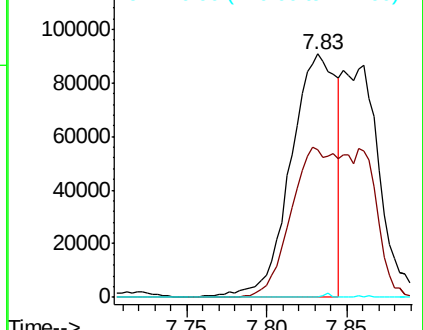
83 100

85 60.9 53.7 80.5

127 0.4 8.1 12.1#



Abundance Ion 83.00 (82.70 to 83.70): VL0
Ion 85.00 (84.70 to 85.70): VL0
Ion 126.90 (126.60 to 127.60): V



#44

2,2,4-Trimethylpentane

Concen: 2.780 ppbv

RT: 7.88 min Scan# 1583

Delta R.T. 0.01 min

Lab File: VL035613.D

Acq: 15 Sep 2020 00:10

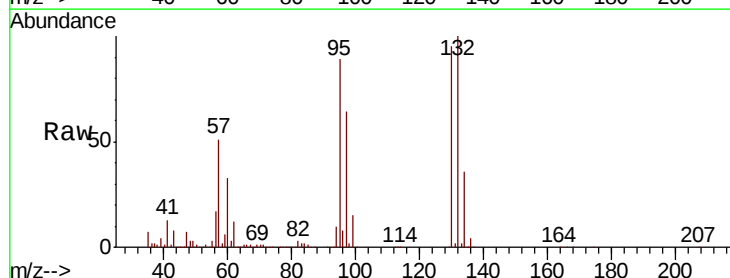
Tgt Ion: 57 Resp: 1071750

Ion Ratio Lower Upper

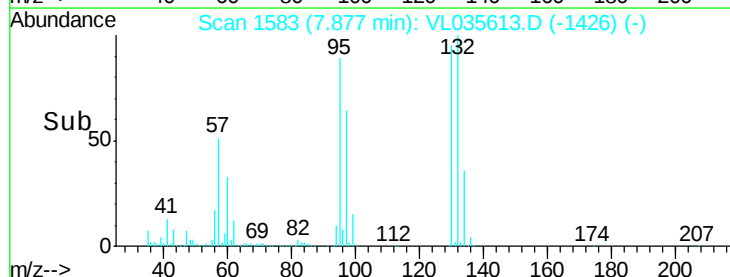
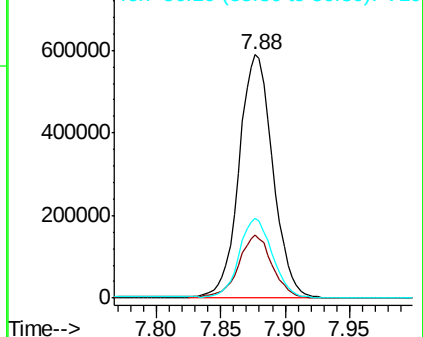
57 100

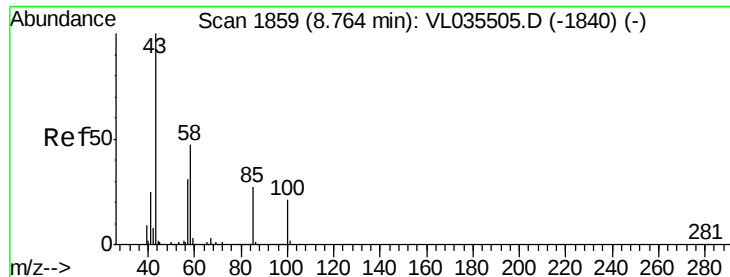
41 27.4 20.5 30.7

56 32.5 25.3 37.9



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

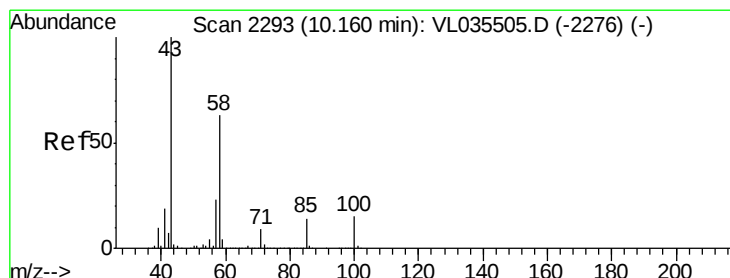
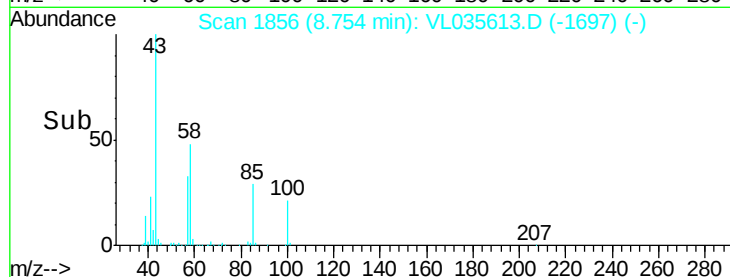
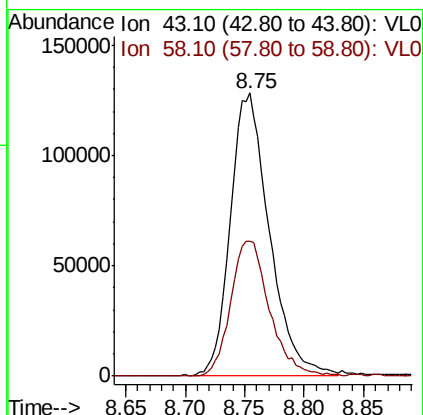
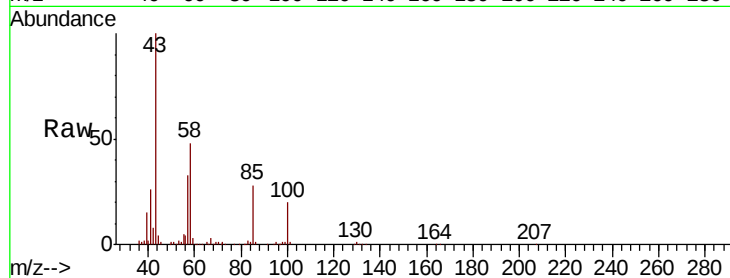




#50
 4-Methyl-2-Pentanone
 Concen: 1.491 ppbv
 RT: 8.75 min Scan# 1856
 Delta R.T. 0.01 min
 Lab File: VL035613.D
 Acq: 15 Sep 2020 00:10

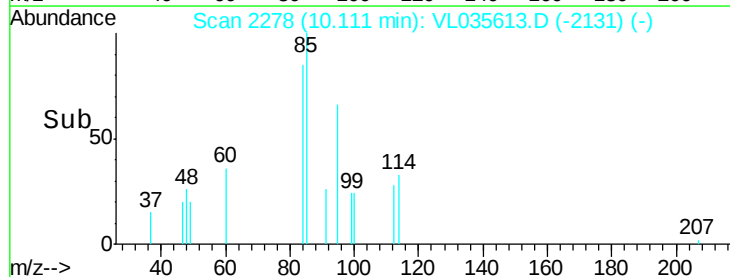
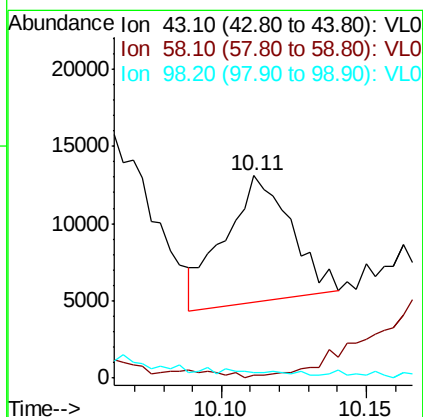
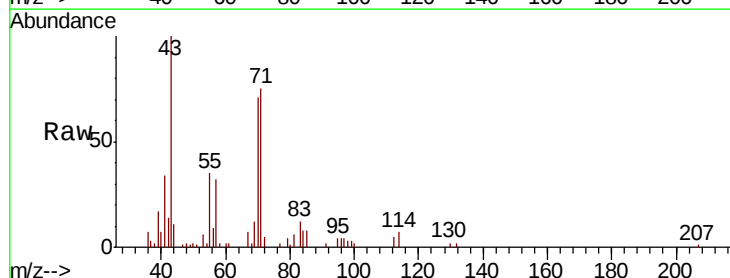
Instrument :
 MSVOA_L
 ClientSampleID :
 SV-8DL

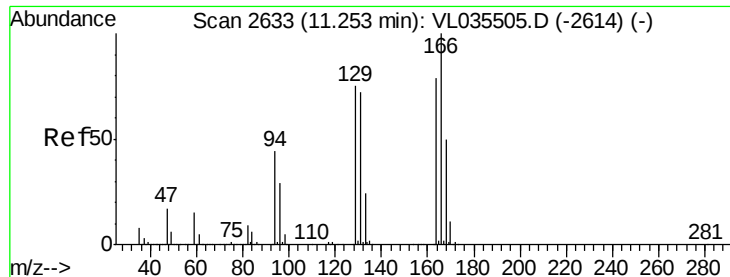
Tot Ion: 43 Resp: 290000
 Ion Ratio Lower Upper
 43 100
 58 48.1 37.4 56.0



#51
 2-Hexanone
 Concen: 0.081 ppbv
 RT: 10.11 min Scan# 2278
 Delta R.T. -0.03 min
 Lab File: VL035613.D
 Acq: 15 Sep 2020 00:10

Tgt Ion: 43 Resp: 12964
 Ion Ratio Lower Upper
 43 100
 58 110.1 50.2 75.4#
 98 7.5 0.4 0.6#





#52

Tetrachloroethene

Concen: 60.886 ppbv

RT: 11.22 min Scan# 2624

Delta R.T. -0.01 min

Lab File: VL035613.D

Acq: 15 Sep 2020 00:10

Instrument :

MSVOA_L

ClientSampleId :

SV-8DL

Tot Ion:164 Resp:10421441

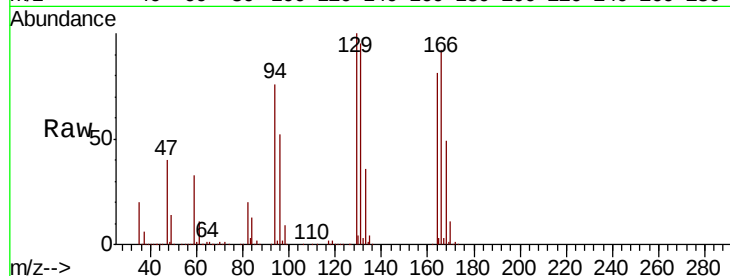
Ion Ratio Lower Upper

164 100

166 113.5 100.9 151.3

129 122.8 75.3 112.9#

131 116.9 73.0 109.4#

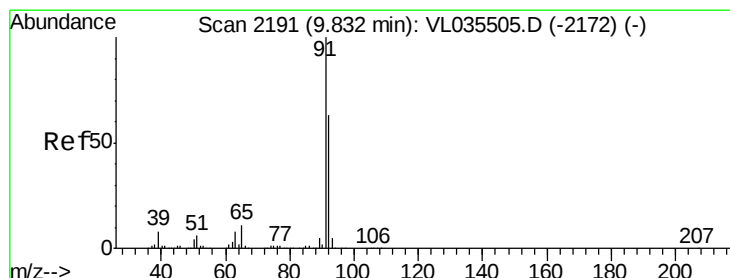
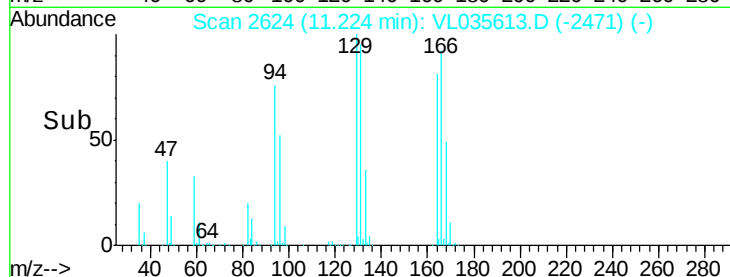
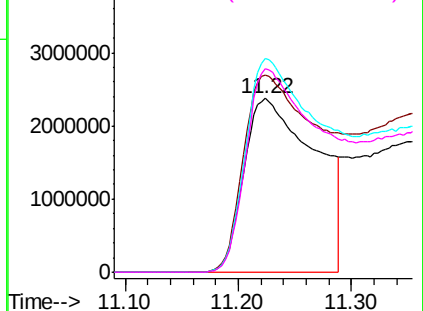


Abundance Ion 163.90 (163.60 to 164.60): V

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: 0.718 ppbv

RT: 9.81 min Scan# 2184

Delta R.T. -0.00 min

Lab File: VL035613.D

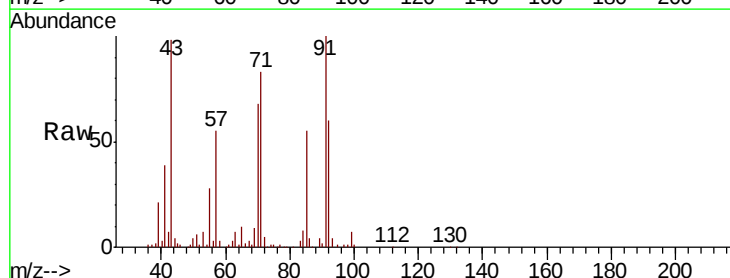
Acq: 15 Sep 2020 00:10

Tgt Ion: 91 Resp: 264725

Ion Ratio Lower Upper

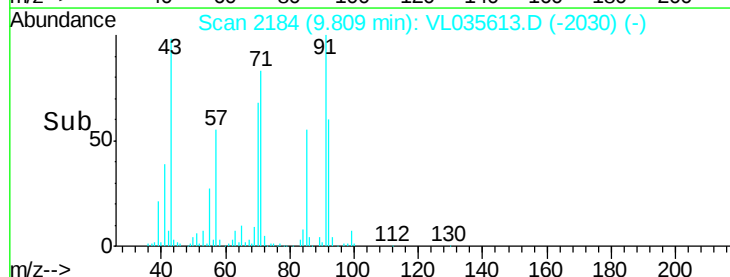
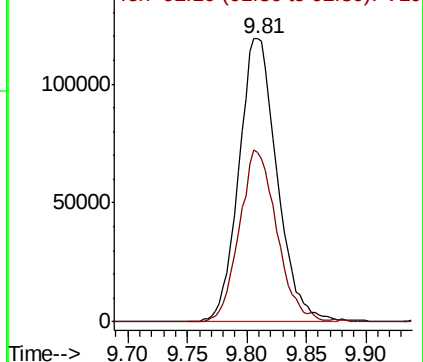
91 100

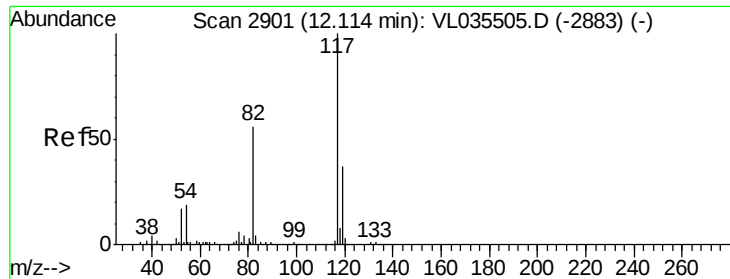
92 59.9 49.8 74.8



Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 92.10 (91.80 to 92.80): VL0

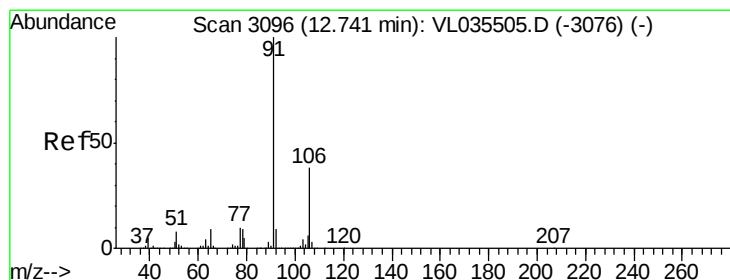
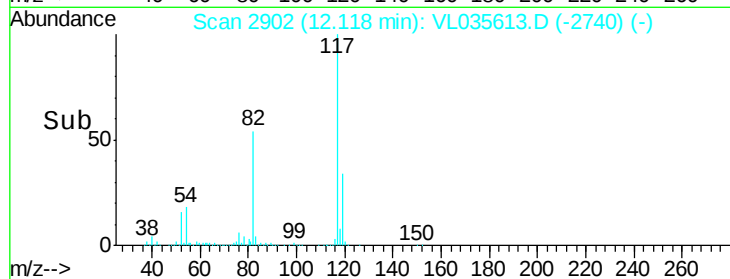
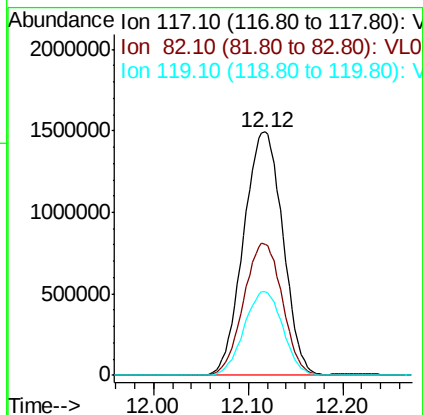
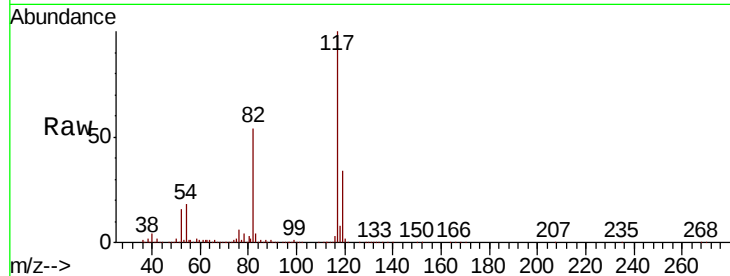




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.12 min Scan# 2902
Delta R.T. 0.02 min
Lab File: VL035613.D
Acq: 15 Sep 2020 00:10

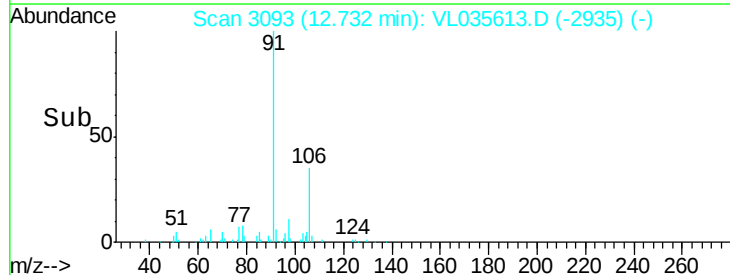
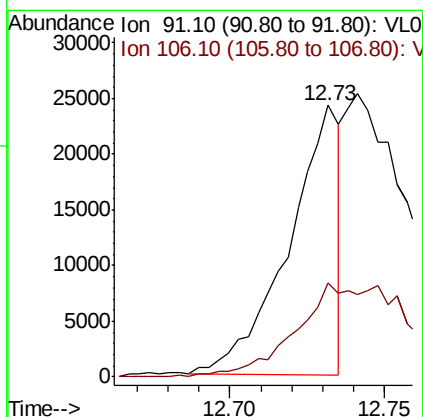
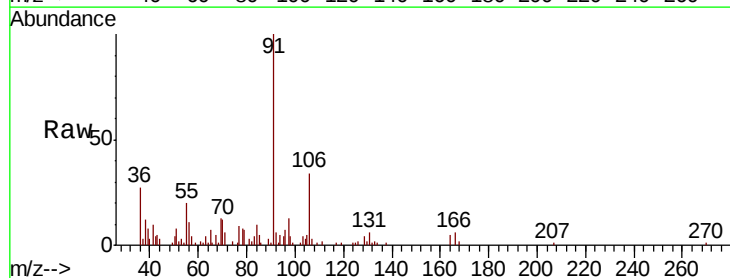
Instrument :
MSVOA_L
ClientSampleId :
SV-8DL

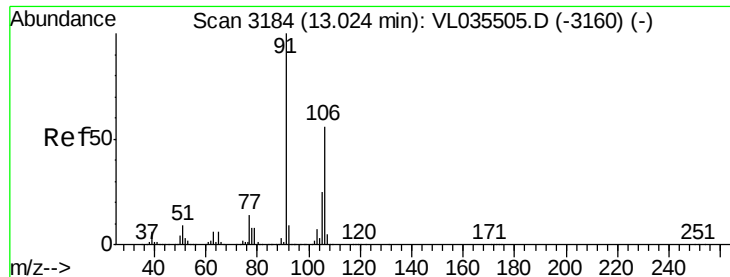
Tot Ion:117 Resp: 4314469
Ion Ratio Lower Upper
117 100
82 53.3 41.6 62.4
119 33.9 29.3 43.9



#58
Ethyl Benzene
Concen: 0.063 ppbv
RT: 12.73 min Scan# 3093
Delta R.T. 0.01 min
Lab File: VL035613.D
Acq: 15 Sep 2020 00:10

Tgt Ion: 91 Resp: 27909
Ion Ratio Lower Upper
91 100
106 34.8 30.3 45.5

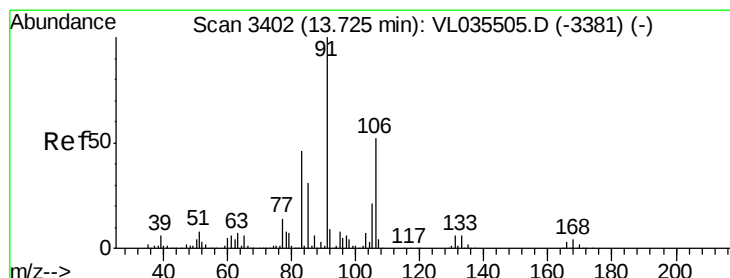
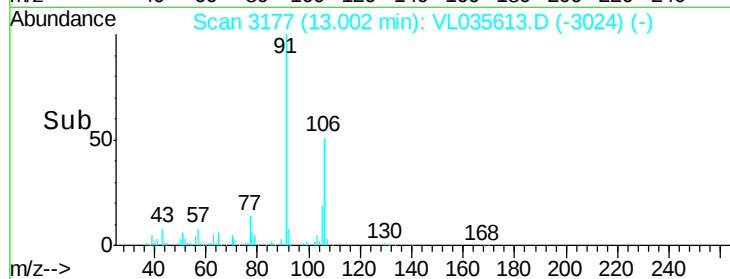
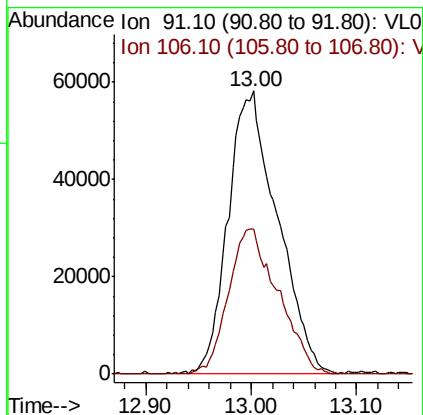
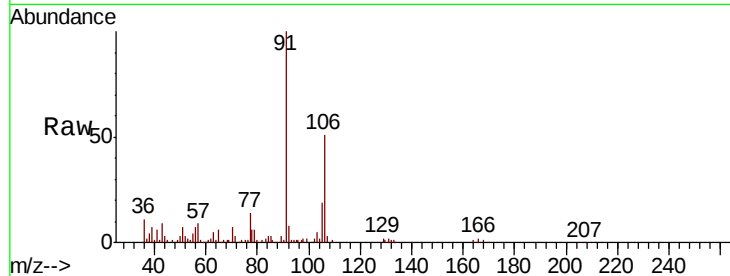




#59
m/p-Xylene
Concen: 0.505 ppbv
RT: 13.00 min Scan# 3177
Delta R.T. -0.01 min
Lab File: VL035613.D
Acq: 15 Sep 2020 00:10

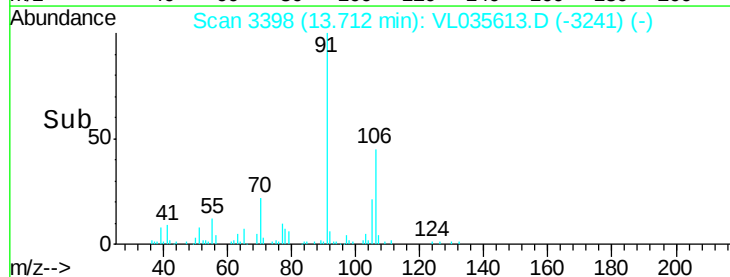
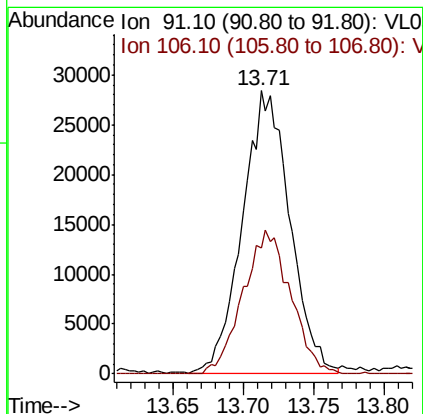
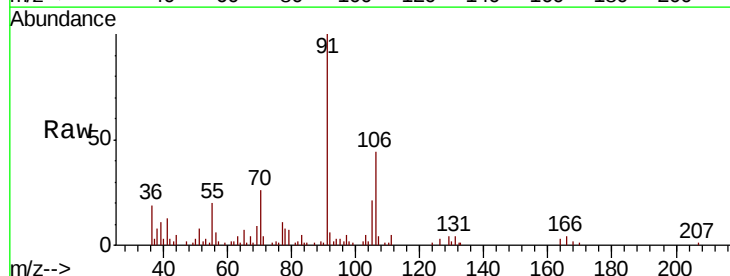
Instrument :
MSVOA_L
ClientSampleId :
SV-8DL

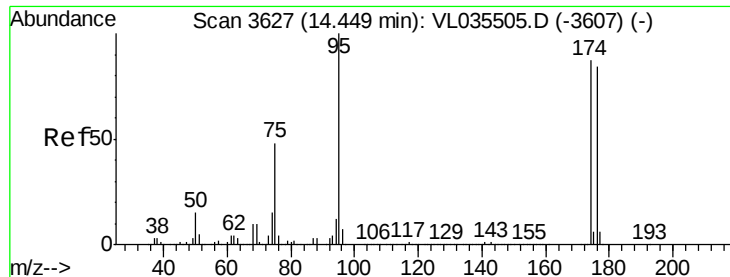
Tot Ion: 91 Resp: 187822
Ion Ratio Lower Upper
91 100
106 52.0 43.4 65.2



#60
o-Xylene
Concen: 0.179 ppbv
RT: 13.71 min Scan# 3398
Delta R.T. 0.01 min
Lab File: VL035613.D
Acq: 15 Sep 2020 00:10

Tgt Ion: 91 Resp: 66982
Ion Ratio Lower Upper
91 100
106 50.6 25.8 77.4

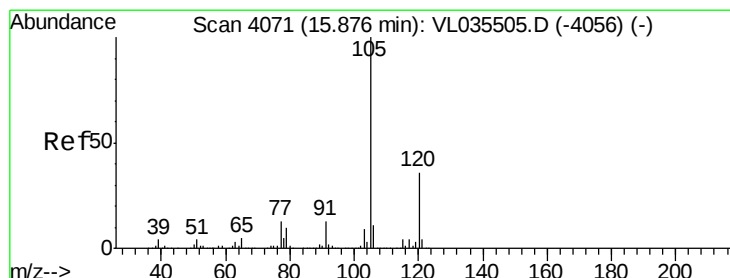
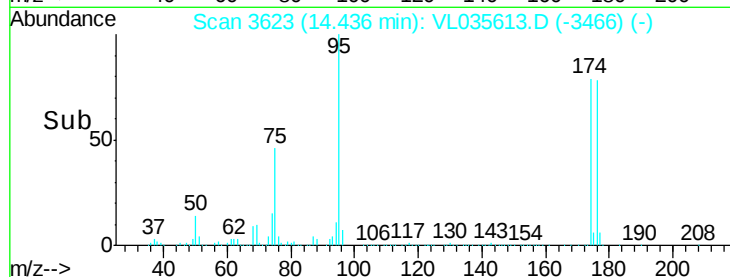
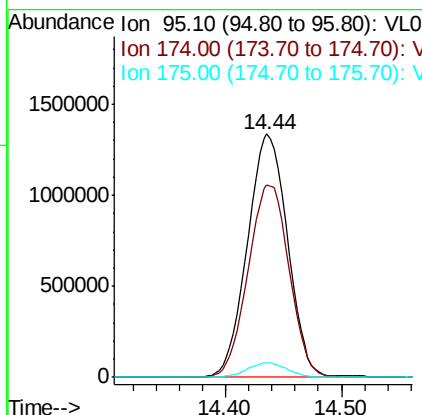
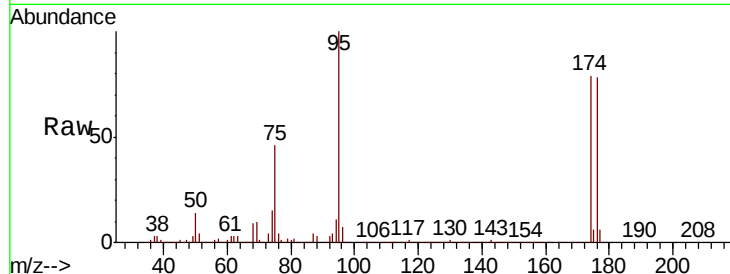




#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.509 ppbv
 RT: 14.44 min Scan# 3623
 Delta R.T. 0.01 min
 Lab File: VL035613.D
 Acq: 15 Sep 2020 00:10

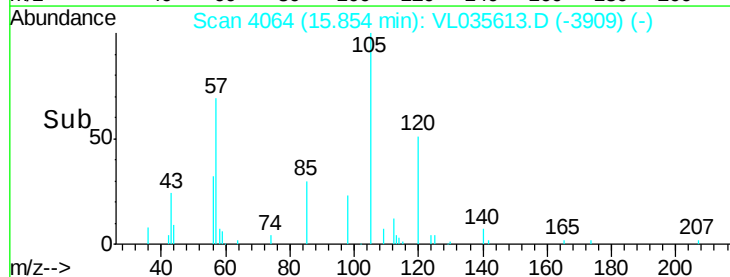
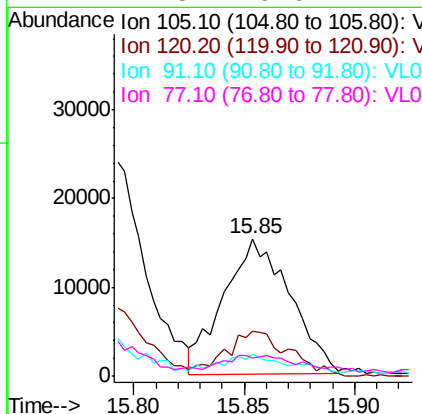
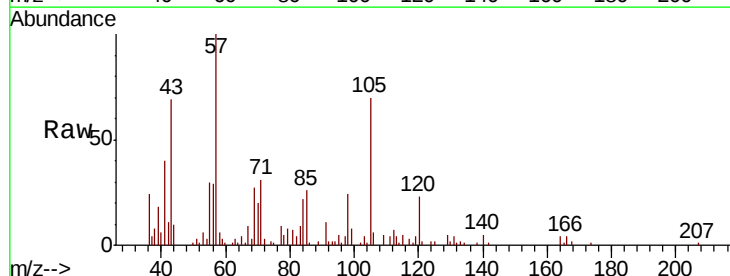
Instrument :
 MSVOA_L
 ClientSampleId :
 SV-8DL

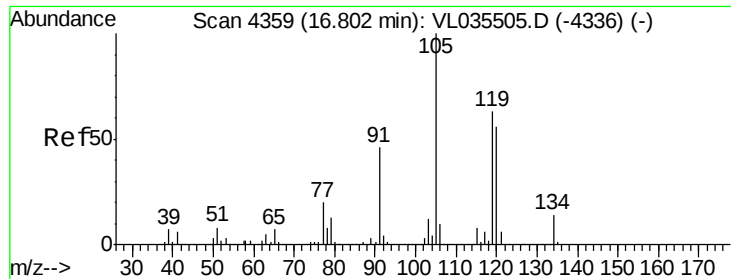
Tot Ion: 95 Resp: 3220010
 Ion Ratio Lower Upper
 95 100
 174 81.3 69.6 104.4
 175 5.8 5.1 7.7



#72
 4-Ethyltoluene
 Concen: 0.067 ppbv
 RT: 15.85 min Scan# 4064
 Delta R.T. -0.00 min
 Lab File: VL035613.D
 Acq: 15 Sep 2020 00:10

Tgt Ion: 105 Resp: 31810
 Ion Ratio Lower Upper
 105 100
 120 32.1 27.4 41.2
 91 15.6 9.7 14.5#
 77 17.8 9.6 14.4#





#74
 1,2,4-Trimethylbenzene
 Concen: 0.150 ppbv
 RT: 16.77 min Scan# 4350
 Delta R.T. -0.01 min
 Lab File: VL035613.D
 Acq: 15 Sep 2020 00:10

Instrument :
 MSVOA_L
 ClientSampleId :
 SV-8DL

Tot Ion:	105	Resp:	72552
Ion	Ratio	Lower	Upper
105	100		
120	46.3	44.4	66.6
91	9.4	37.1	55.7#
77	12.0	16.0	24.0#

