

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL090320\
 Data File : VL035548.D
 Acq On : 4 Sep 2020 2:26
 Operator : SY/AP
 Sample : L3898-08 10X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SS-7DL

Quant Time: Sep 04 06:50:20 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL082720AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Aug 27 06:46:28 2020
 QLast Update : Thu Aug 27 06:46:28 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.69	49	1005090	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.20	114	4241585	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.12	117	4298106	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.46	95	3150653	10.32	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	103.20%

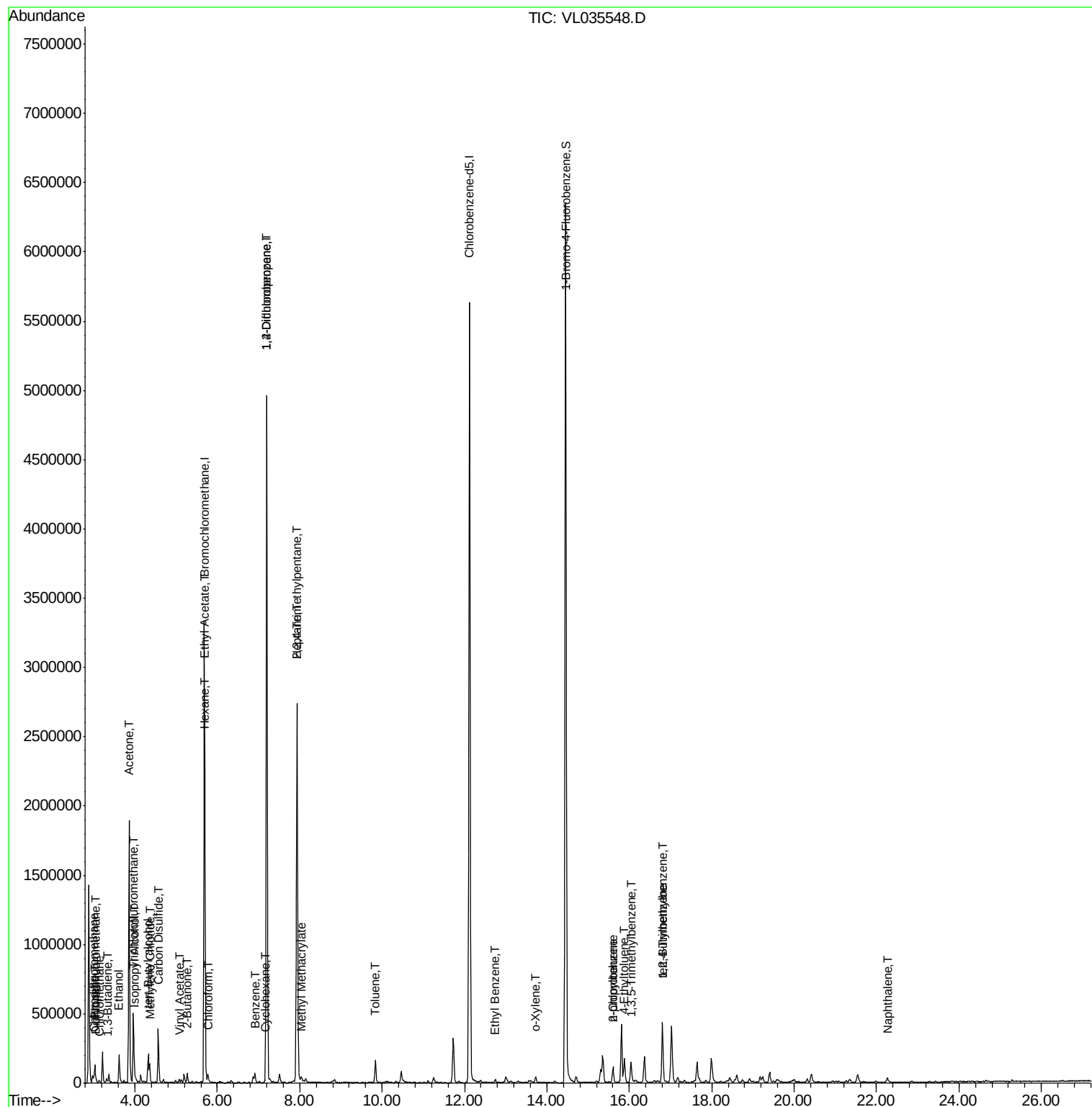
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.06	85	18021	0.103	ppbv	96
3) Chlorodifluoromethane	3.00	51	58769	0.529	ppbv #	78
4) Chloromethane	3.15	50	5100	0.086	ppbv	99
9) Propene	3.02	41	30999	0.723	ppbv #	79
10) Heptane	7.93	43	874726	7.599	ppbv	96
11) Trichlorofluoromethane	3.96	101	327813	1.291	ppbv	93
13) Ethanol	3.61	45	205700	19.359	ppbv	96
15) Acetone	3.86	43	1756914	15.849	ppbv	99
16) 1,3-Butadiene	3.34	39	1442	0.035	ppbv #	1
17) tert-Butyl alcohol	4.32	59	113124	0.838	ppbv	98
19) Isopropyl Alcohol	3.99	45	78852	1.192	ppbv #	93
20) Methylene Chloride	4.36	84	50439	0.611	ppbv	96
23) Vinyl Acetate	5.09	43	8829	0.062	ppbv #	58
25) Ethyl Acetate	5.70	43	29874	0.153	ppbv #	84
26) Hexane	5.71	57	35642	0.321	ppbv #	58
27) Carbon Disulfide	4.56	76	471338	2.960	ppbv	99
29) Chloroform	5.77	83	40271	0.178	ppbv	97
30) Cyclohexane	7.15	84	4139	0.035	ppbv #	10
34) 2-Butanone	5.27	43	65527	0.521	ppbv	96
36) Benzene	6.92	78	52112	0.190	ppbv	98
39) 1,2-Dichloropropane	7.20	63	778117	8.389	ppbv #	32
43) Methyl Methacrylate	8.04	69	11251	0.106	ppbv #	25
44) 2,2,4-Trimethylpentane	7.93	57	533962	1.478	ppbv #	1
53) Toluene	9.84	91	135785	0.393	ppbv	98
58) Ethyl Benzene	12.74	91	18998	0.043	ppbv	93
60) o-Xylene	13.73	91	14504	0.039	ppbv #	26
64) n-propylbenzene	15.61	120	12096	0.066	ppbv #	1
65) tert-Butylbenzene	16.81	119	42970	0.077	ppbv #	71
71) 2-Chlorotoluene	15.61	91	118327	0.271	ppbv #	37
72) 4-Ethyltoluene	15.88	105	142297	0.300	ppbv	98
73) 1,3,5-Trimethylbenzene	16.04	105	112466	0.256	ppbv	92
74) 1,2,4-Trimethylbenzene	16.81	105	338929	0.704	ppbv #	71
79) Naphthalene	22.27	128	44676	0.084	ppbv #	91

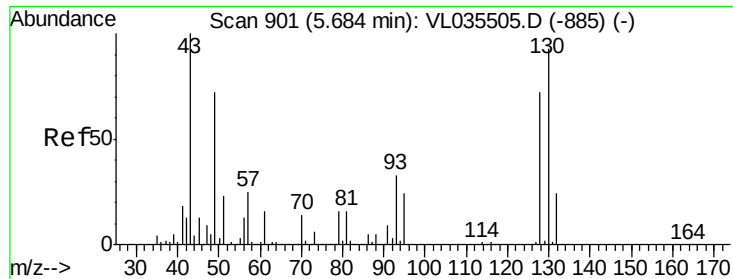
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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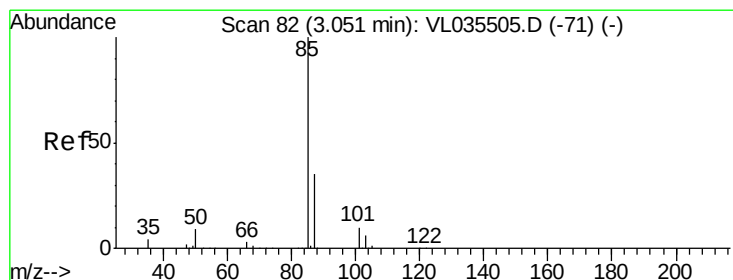
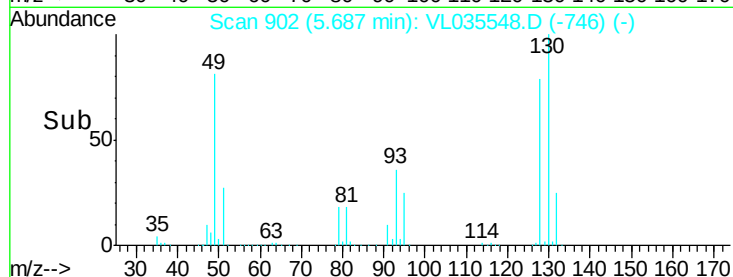
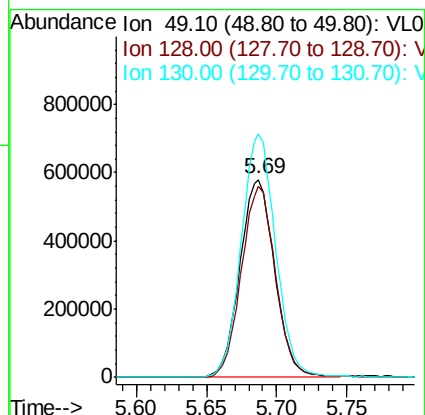
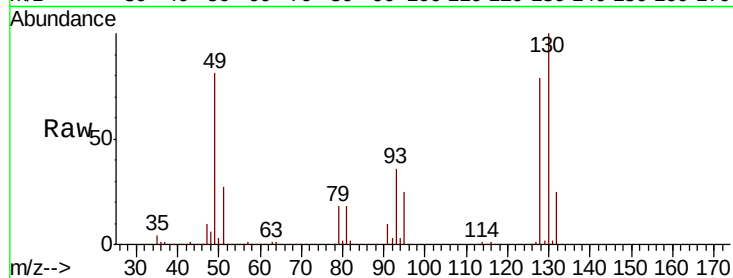




#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.69 min Scan# 902
 Delta R.T. 0.00 min
 Lab File: VL035548.D
 Acq: 4 Sep 2020 2:26

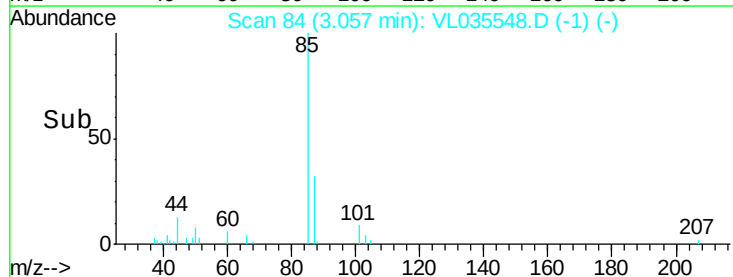
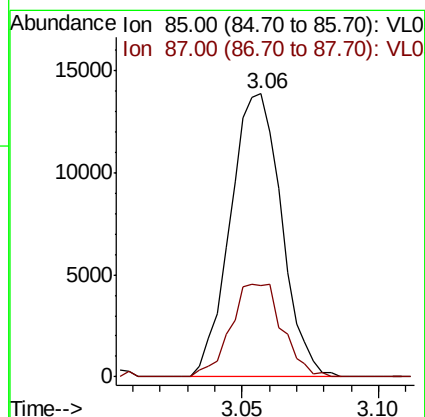
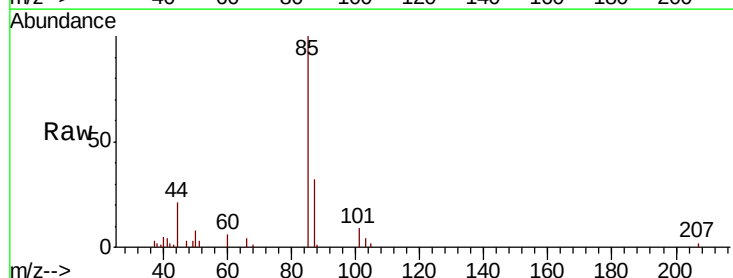
Instrument :
 MSVOA_L
 ClientSampleId :
 SS-7DL

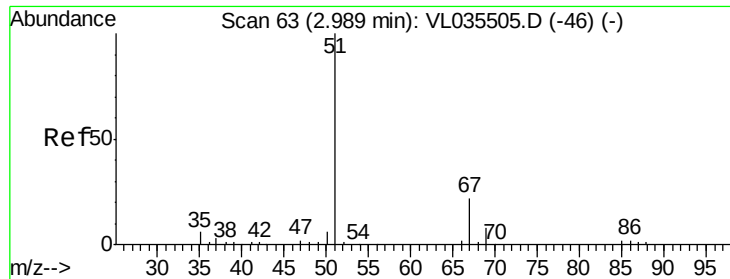
Tot Ion: 49 Resp: 1005090
 Ion Ratio Lower Upper
 49 100
 128 95.4 50.0 150.1
 130 122.5 64.4 193.2



#2
 Dichlorodifluoromethane
 Concen: 0.103 ppbv
 RT: 3.06 min Scan# 84
 Delta R.T. 0.01 min
 Lab File: VL035548.D
 Acq: 4 Sep 2020 2:26

Tgt Ion: 85 Resp: 18021
 Ion Ratio Lower Upper
 85 100
 87 32.4 28.0 42.0





#3

Chlorodifluoromethane

Concen: 0.529 ppbv

RT: 3.00 min Scan# 65

Delta R.T. 0.01 min

Lab File: VL035548.D

Acq: 4 Sep 2020 2:26

Instrument :

MSVOA_L

ClientSampleId :

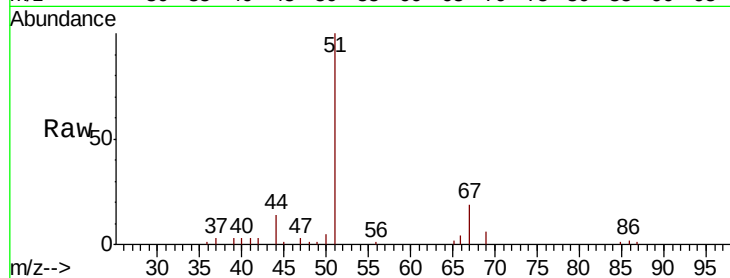
SS-7DL

Tot Ion: 51 Resp: 58769

Ion Ratio Lower Upper

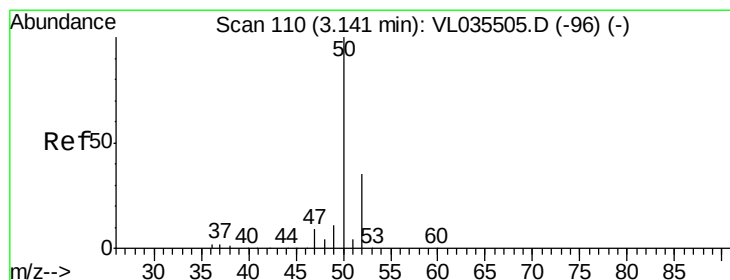
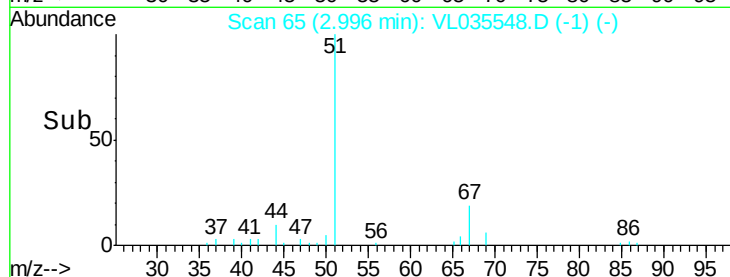
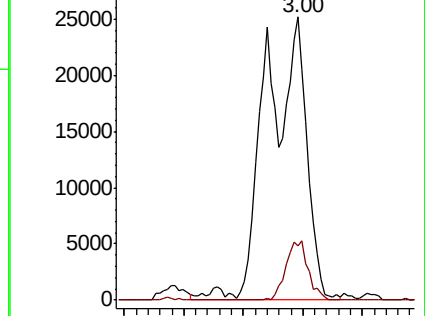
51 100

67 11.6 17.8 26.8#



Abundance Ion 51.00 (50.70 to 51.70): VL0

Ion 67.00 (66.70 to 67.70): VL0



#4

Chloromethane

Concen: 0.086 ppbv

RT: 3.15 min Scan# 112

Delta R.T. 0.01 min

Lab File: VL035548.D

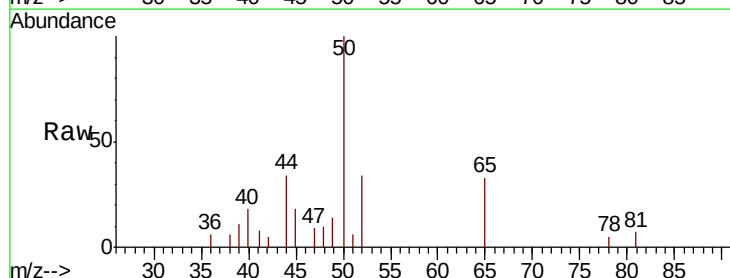
Acq: 4 Sep 2020 2:26

Tgt Ion: 50 Resp: 5100

Ion Ratio Lower Upper

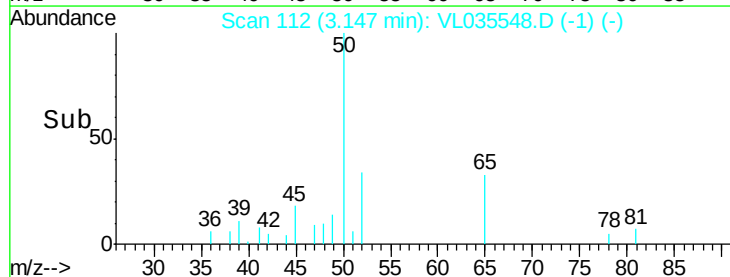
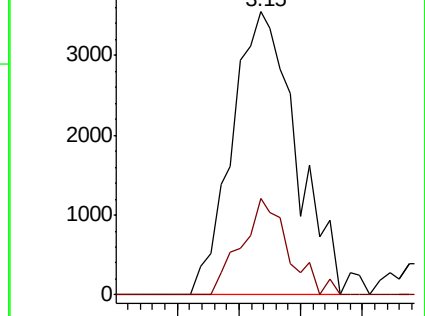
50 100

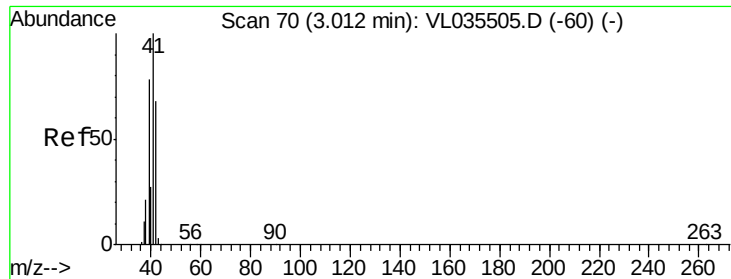
52 34.2 27.7 41.5



Abundance Ion 50.10 (49.80 to 50.80): VL0

Ion 52.10 (51.80 to 52.80): VL0





#9

Propene

Concen: 0.723 ppbv

RT: 3.02 min Scan# 73

Delta R.T. 0.01 min

Lab File: VL035548.D

Acq: 4 Sep 2020 2:26

Instrument :

MSVOA_L

ClientSampleId :

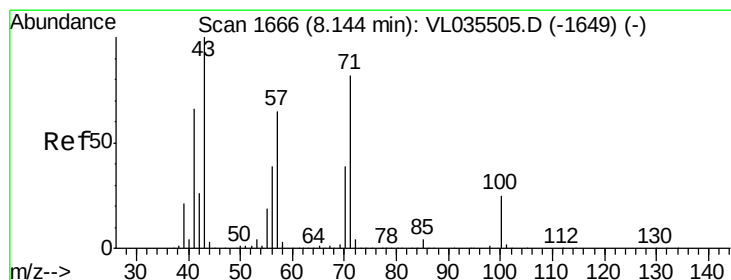
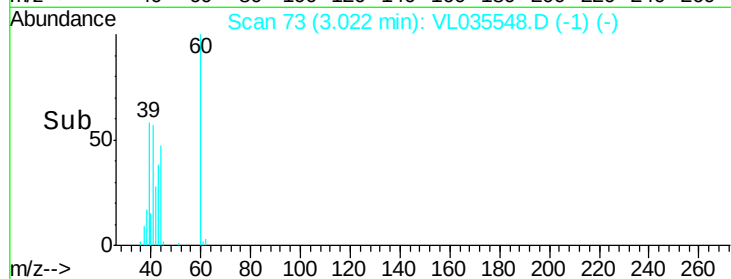
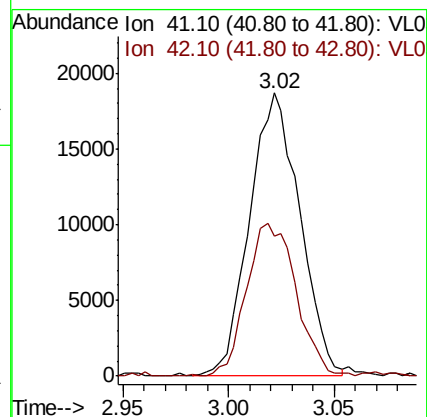
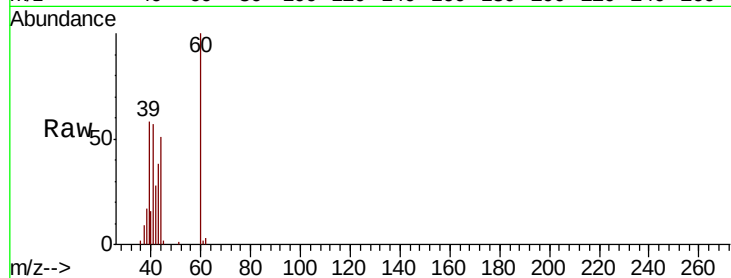
SS-7DL

Tot Ion: 41 Resp: 30999

Ion Ratio Lower Upper

41 100

42 53.2 56.3 84.5#



#10

Heptane

Concen: 7.599 ppbv

RT: 7.93 min Scan# 1600

Delta R.T. -0.21 min

Lab File: VL035548.D

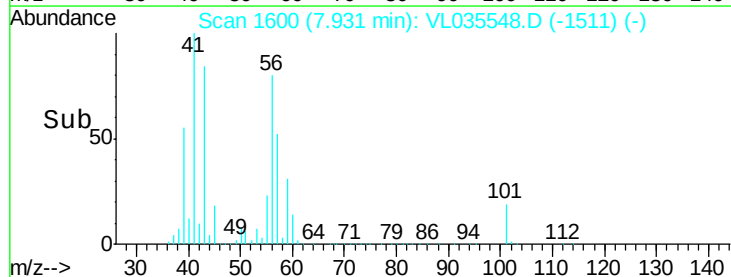
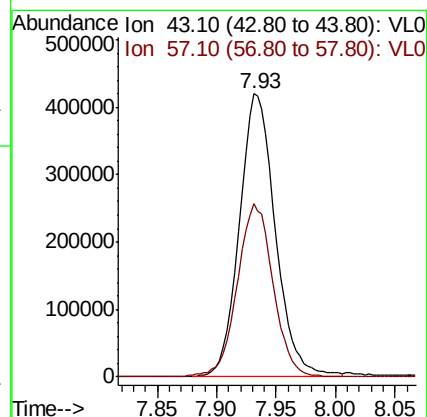
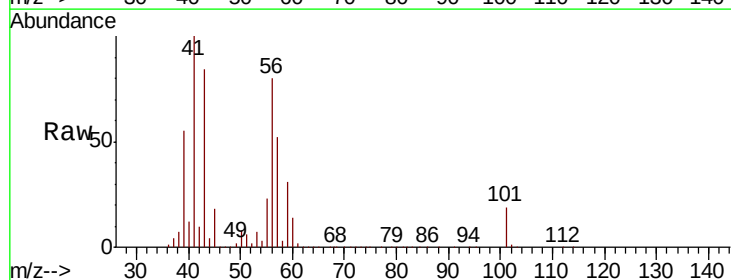
Acq: 4 Sep 2020 2:26

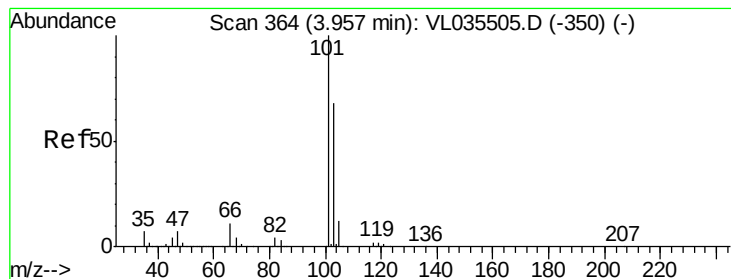
Tgt Ion: 43 Resp: 874726

Ion Ratio Lower Upper

43 100

57 61.4 51.4 77.0





#11

Trichlorofluoromethane

Concen: 1.291 ppbv

RT: 3.96 min Scan# 365

Delta R.T. 0.00 min

Lab File: VL035548.D

Acq: 4 Sep 2020 2:26

Instrument :

MSVOA_L

ClientSampled :

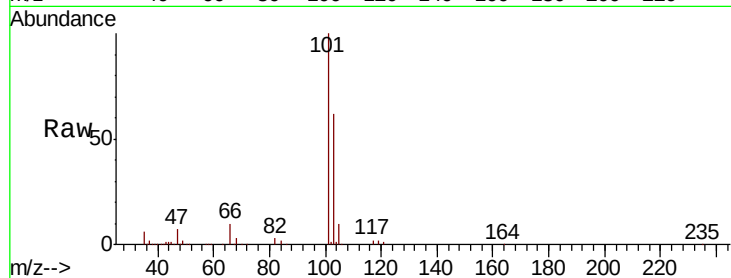
SS-7DL

Tot Ion:101 Resp: 327813

Ion Ratio Lower Upper

101 100

103 62.4 54.5 81.7



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V

250000

200000

150000

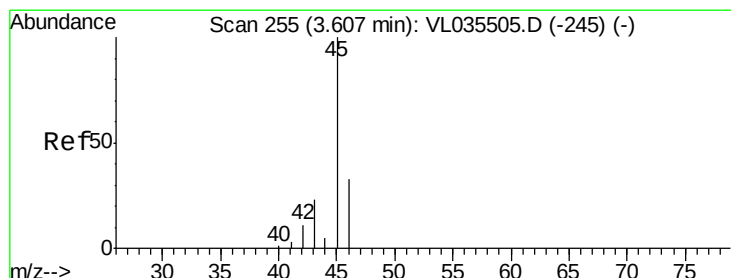
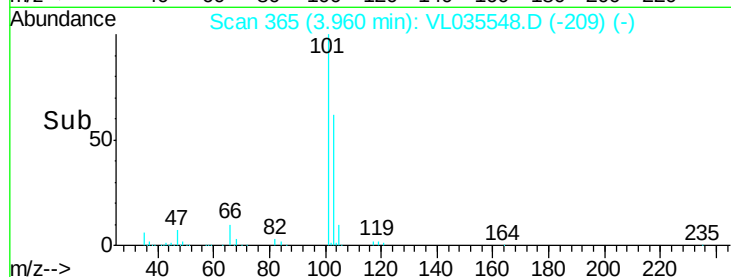
100000

50000

0

3.90 3.95 4.00

Time-->



#13

Ethanol

Concen: 19.359 ppbv

RT: 3.61 min Scan# 257

Delta R.T. 0.01 min

Lab File: VL035548.D

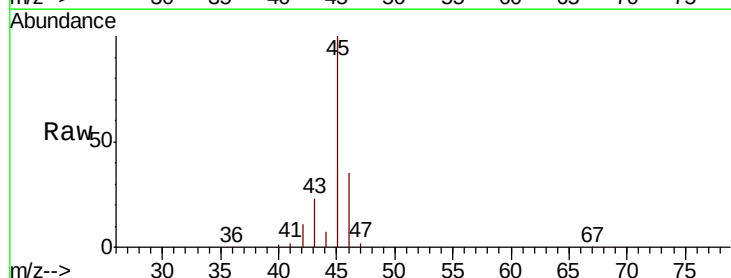
Acq: 4 Sep 2020 2:26

Tgt Ion: 45 Resp: 205700

Ion Ratio Lower Upper

45 100

46 35.5 15.2 60.6



Abundance Ion 45.10 (44.80 to 45.80): VL0

Ion 46.10 (45.80 to 46.80): VL0

120000

100000

80000

60000

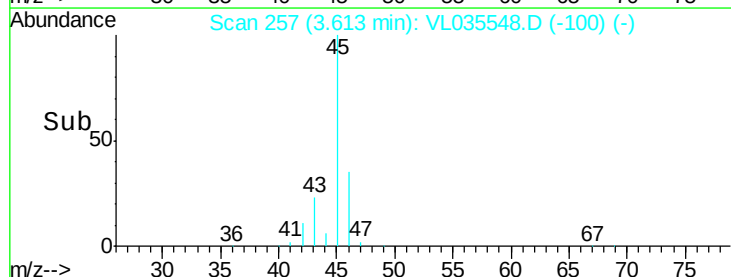
40000

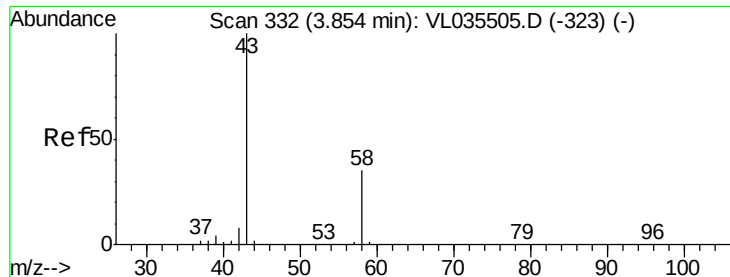
20000

0

3.55 3.60 3.65 3.70

Time-->





#15

Acetone

Concen: 15.849 ppbv

RT: 3.86 min Scan# 333

Delta R.T. 0.00 min

Lab File: VL035548.D

Acq: 4 Sep 2020 2:26

Instrument :

MSVOA_L

ClientSampleId :

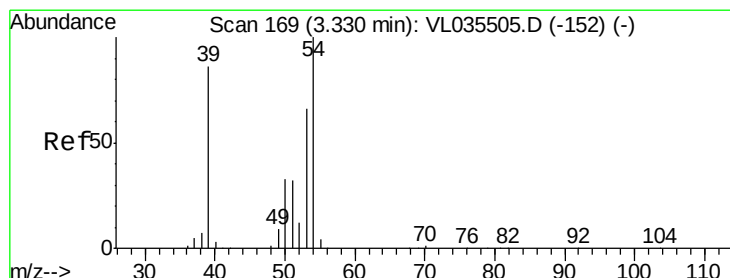
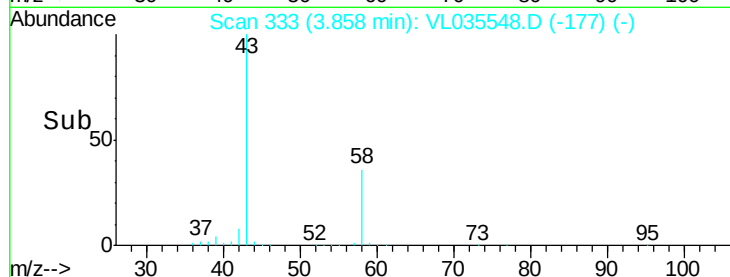
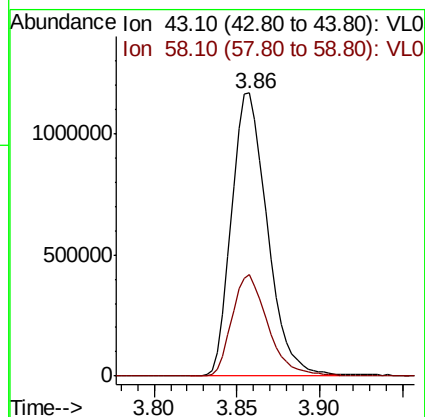
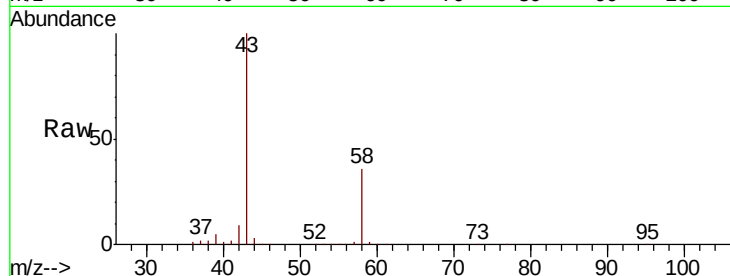
SS-7DL

Tot Ion: 43 Resp: 1756914

Ion Ratio Lower Upper

43 100

58 36.2 28.4 42.6



#16

1,3-Butadiene

Concen: 0.035 ppbv

RT: 3.34 min Scan# 172

Delta R.T. 0.01 min

Lab File: VL035548.D

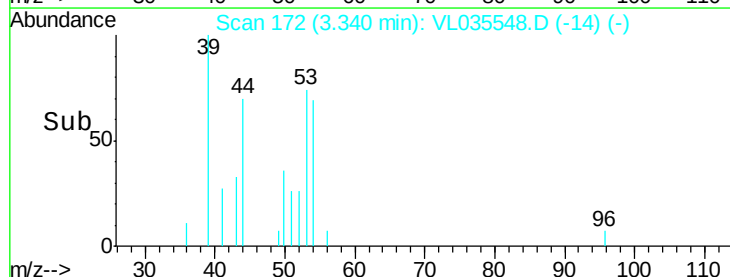
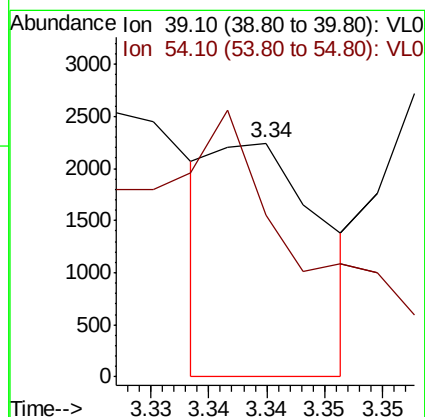
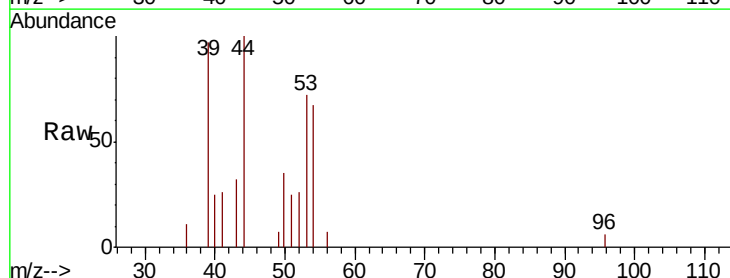
Acq: 4 Sep 2020 2:26

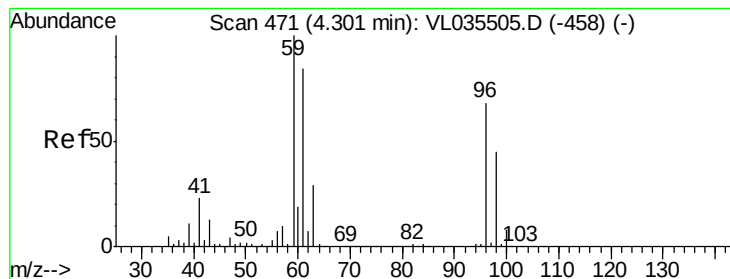
Tgt Ion: 39 Resp: 1442

Ion Ratio Lower Upper

39 100

54 234.6 88.4 132.6#





#17

tert-Butyl alcohol

Concen: 0.838 ppbv

RT: 4.32 min Scan# 476

Delta R.T. 0.02 min

Lab File: VL035548.D

Acq: 4 Sep 2020 2:26

Instrument :

MSVOA_L

ClientSampleID :

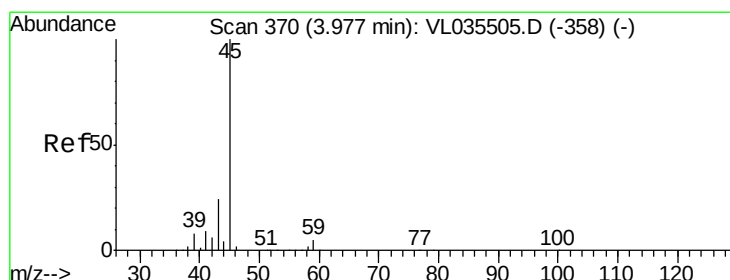
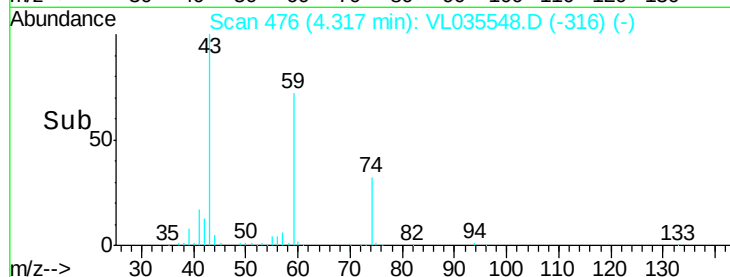
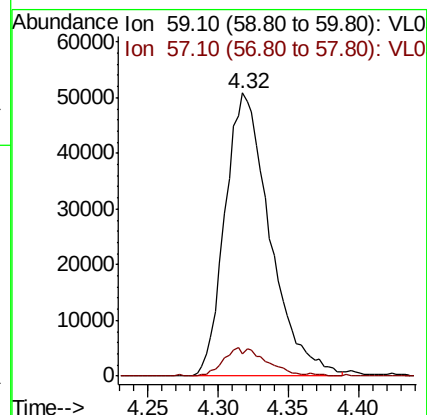
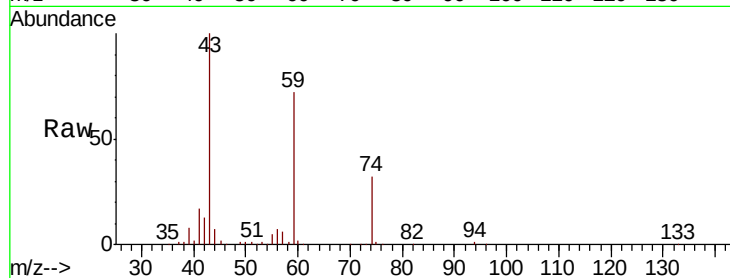
SS-7DL

Tot Ion: 59 Resp: 113124

Ion Ratio Lower Upper

59 100

57 9.8 8.4 12.6



#19

Isopropyl Alcohol

Concen: 1.192 ppbv

RT: 3.99 min Scan# 373

Delta R.T. 0.01 min

Lab File: VL035548.D

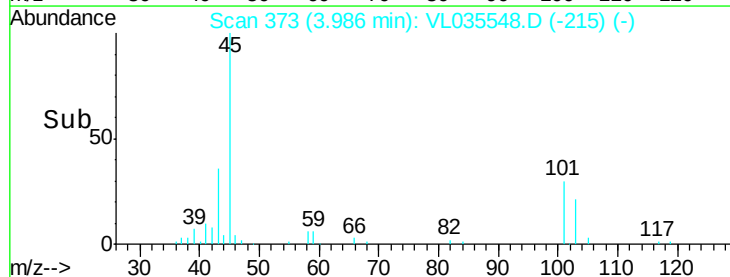
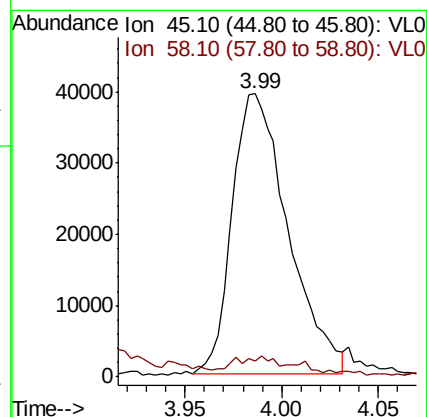
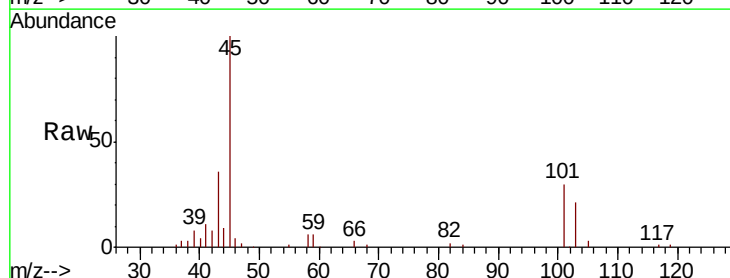
Acq: 4 Sep 2020 2:26

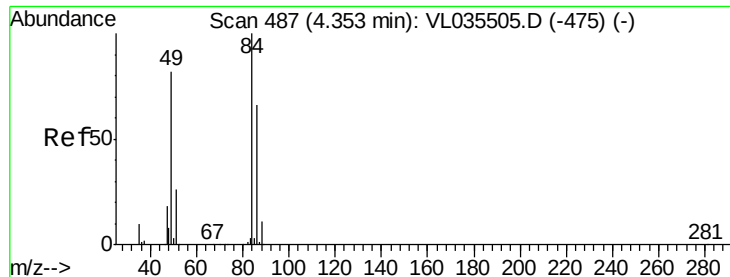
Tgt Ion: 45 Resp: 78852

Ion Ratio Lower Upper

45 100

58 0.0 2.0 3.0#

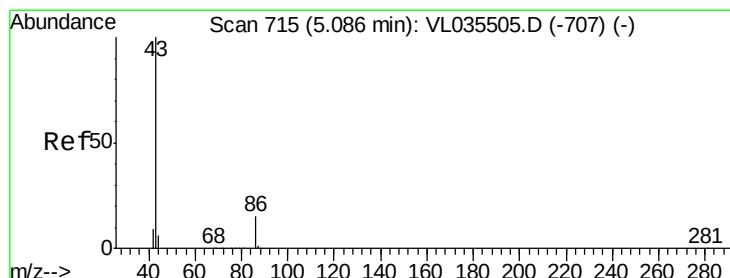
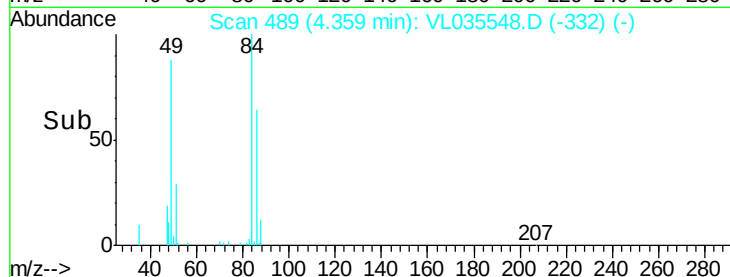
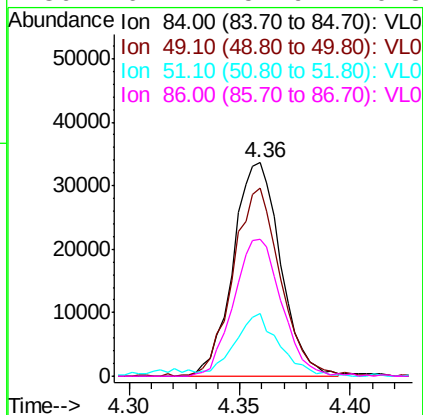
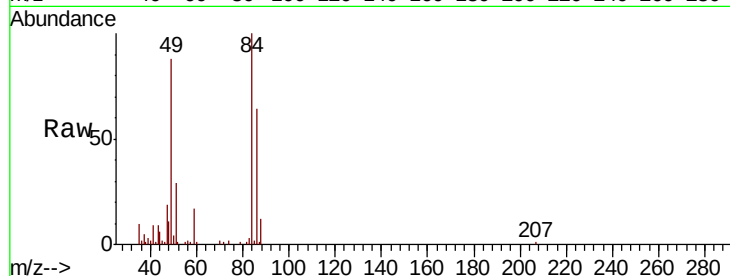




#20
Methylene Chloride
Concen: 0.611 ppbv
RT: 4.36 min Scan# 489
Delta R.T. 0.01 min
Lab File: VL035548.D
Acq: 4 Sep 2020 2:26

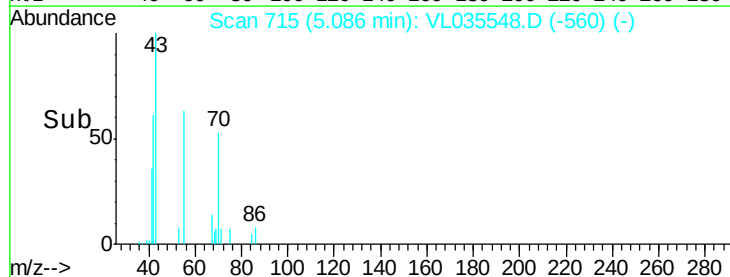
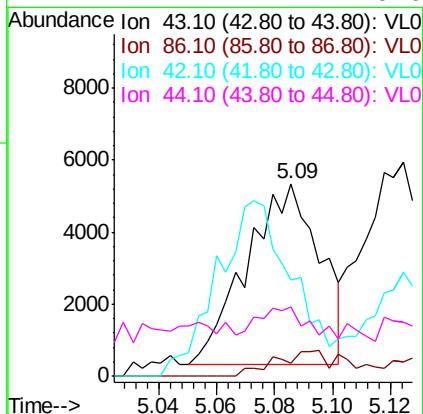
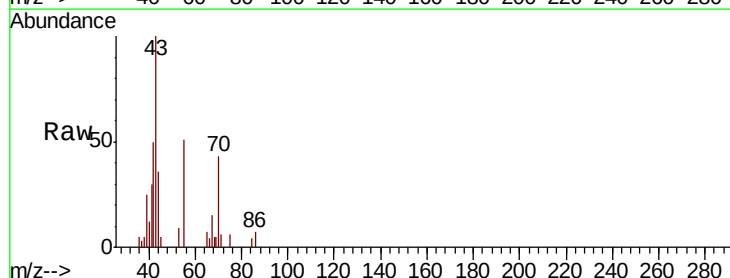
Instrument :
MSVOA_L
ClientSampleId :
SS-7DL

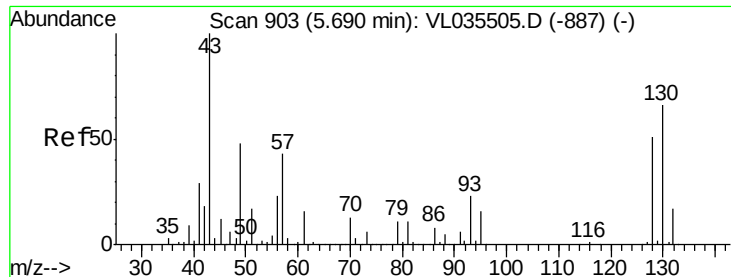
Tot Ion:	84	Resp:	50439
Ion	Ratio	Lower	Upper
84	100		
49	87.3	65.4	98.0
51	29.1	21.5	32.3
86	64.2	52.9	79.3



#23
Vinyl Acetate
Concen: 0.062 ppbv
RT: 5.09 min Scan# 715
Delta R.T. -0.00 min
Lab File: VL035548.D
Acq: 4 Sep 2020 2:26

Tgt Ion:	43	Resp:	8829
Ion	Ratio	Lower	Upper
43	100		
86	7.0	10.6	16.0#
42	40.2	7.5	11.3#
44	17.2	4.4	6.6#





#25

Ethyl Acetate

Concen: 0.153 ppbv

RT: 5.70 min Scan# 907

Delta R.T. 0.01 min

Lab File: VL035548.D

Acq: 4 Sep 2020 2:26

Instrument :

MSVOA_L

ClientSampleID :

SS-7DL

Tot Ion: 43 Resp: 29874

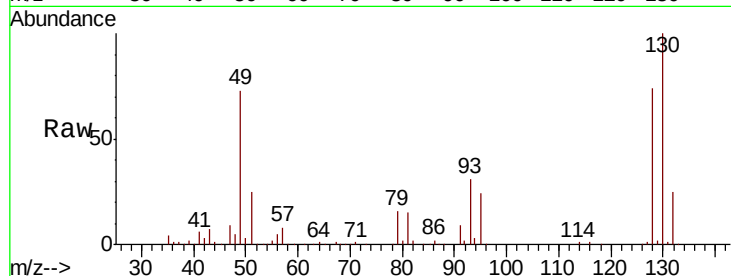
Ion Ratio Lower Upper

43 100

45 6.0 8.4 12.6#

61 6.0 10.6 16.0#

70 5.6 9.4 14.2#



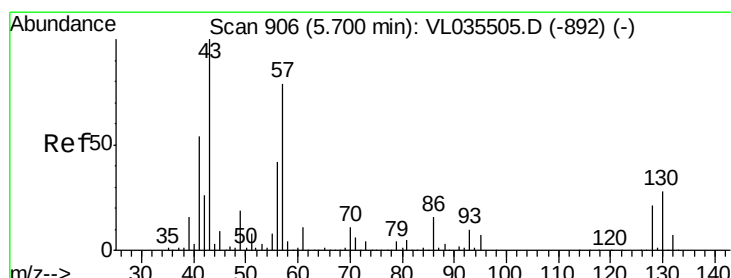
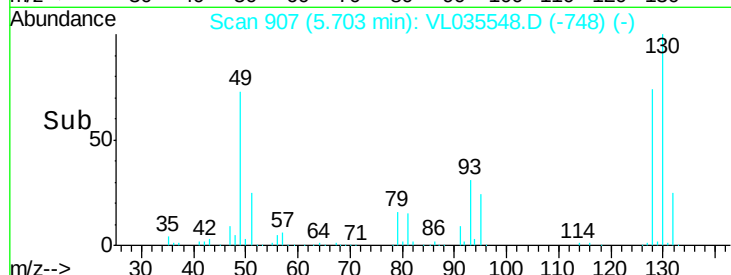
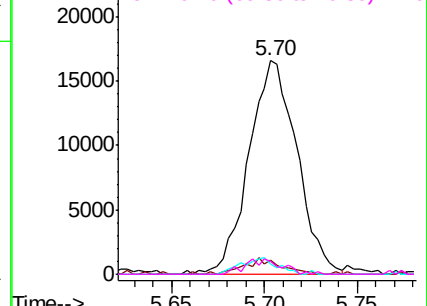
Abundance

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: 0.321 ppbv

RT: 5.71 min Scan# 908

Delta R.T. 0.01 min

Lab File: VL035548.D

Acq: 4 Sep 2020 2:26

Tgt Ion: 57 Resp: 35642

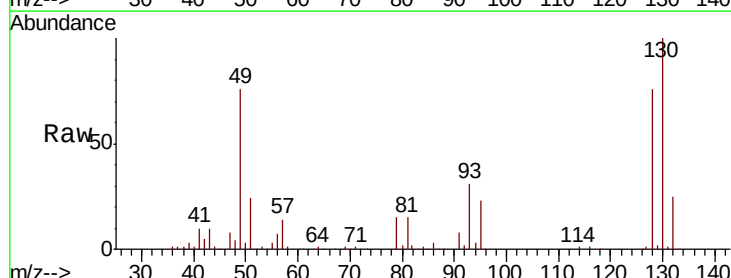
Ion Ratio Lower Upper

57 100

41 76.6 55.9 83.9

43 85.6 141.8 212.8#

56 56.7 41.8 62.8



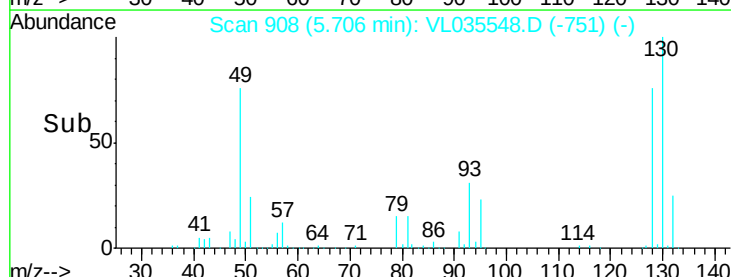
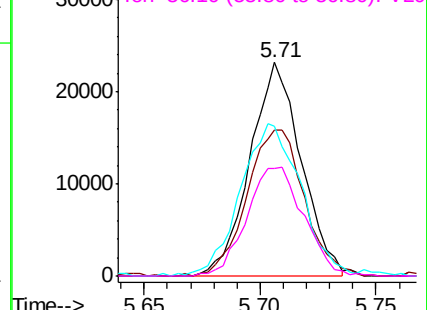
Abundance

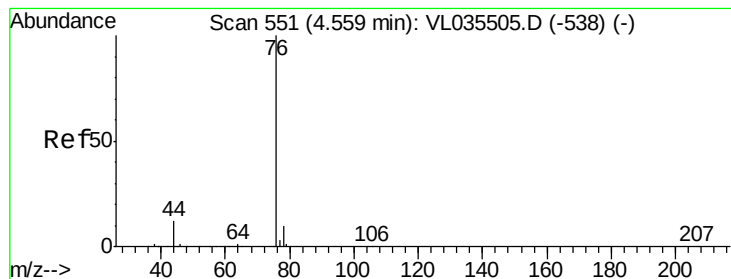
Ion 57.10 (56.80 to 57.80): VL0

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: 2.960 ppbv

RT: 4.56 min Scan# 553

Delta R.T. 0.01 min

Lab File: VL035548.D

Acq: 4 Sep 2020 2:26

Instrument :

MSVOA_L

ClientSampleId :

SS-7DL

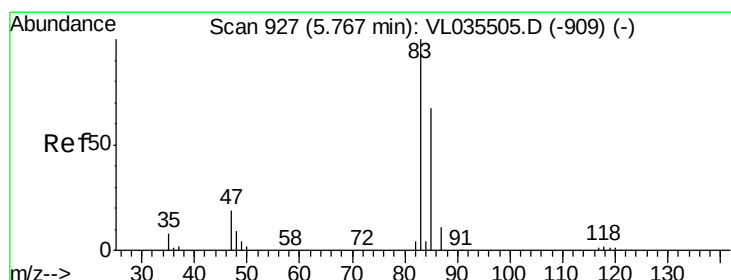
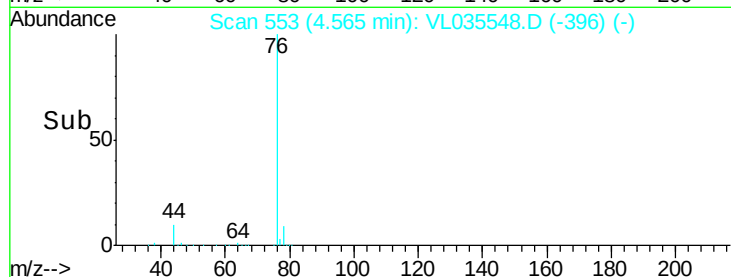
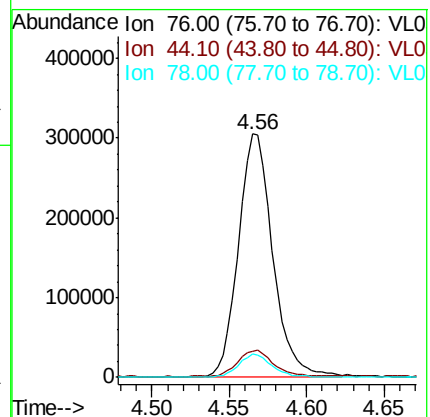
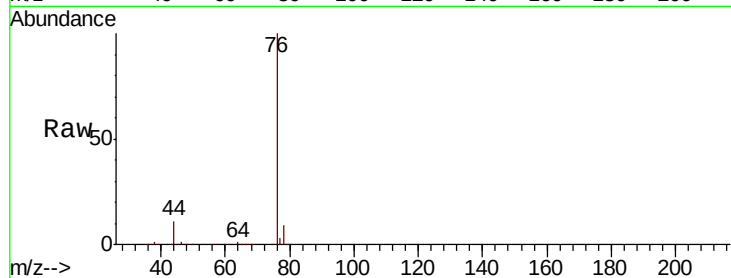
Tot Ion: 76 Resp: 471338

Ion Ratio Lower Upper

76 100

44 11.7 9.3 13.9

78 9.4 7.8 11.6



#29

Chloroform

Concen: 0.178 ppbv

RT: 5.77 min Scan# 929

Delta R.T. 0.01 min

Lab File: VL035548.D

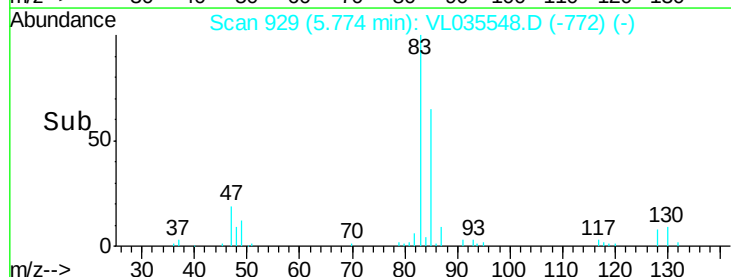
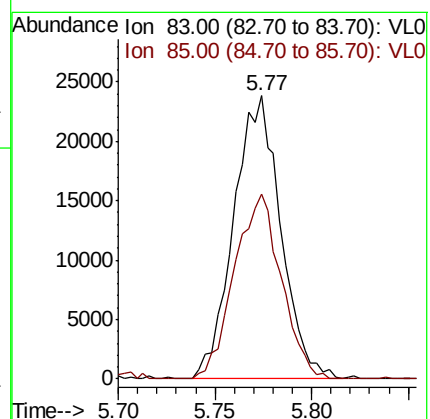
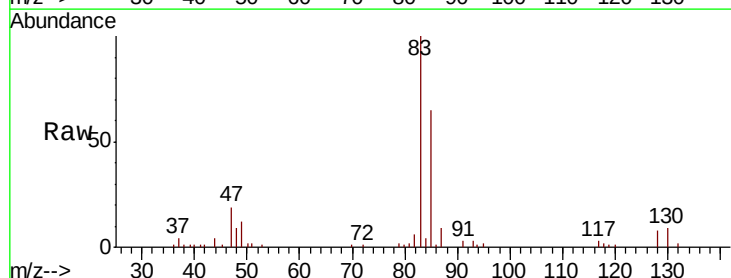
Acq: 4 Sep 2020 2:26

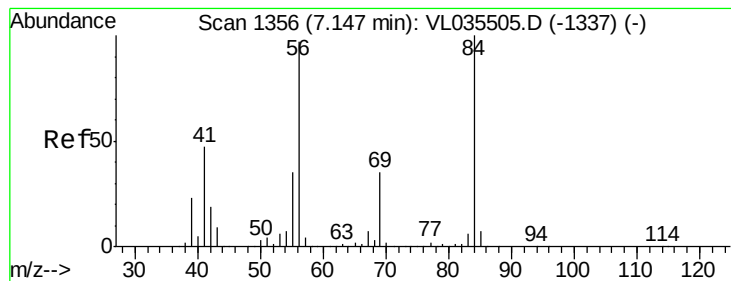
Tgt Ion: 83 Resp: 40271

Ion Ratio Lower Upper

83 100

85 65.1 53.9 80.9





#30

Cyclohexane

Concen: 0.035 ppbv

RT: 7.15 min Scan# 1358

Delta R.T. 0.01 min

Lab File: VL035548.D

Acq: 4 Sep 2020 2:26

Instrument :

MSVOA_L

ClientSampleId :

SS-7DL

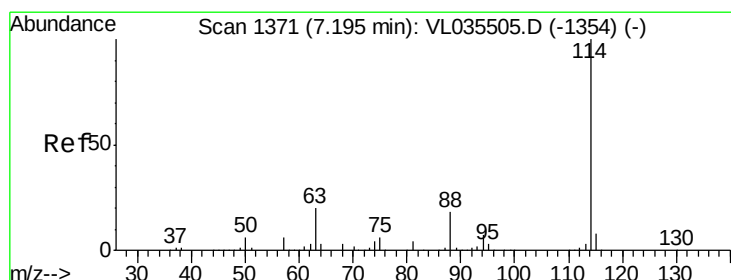
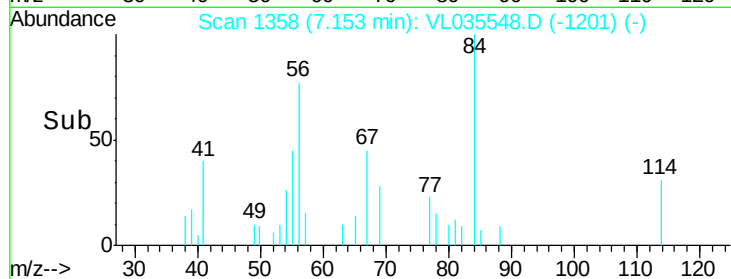
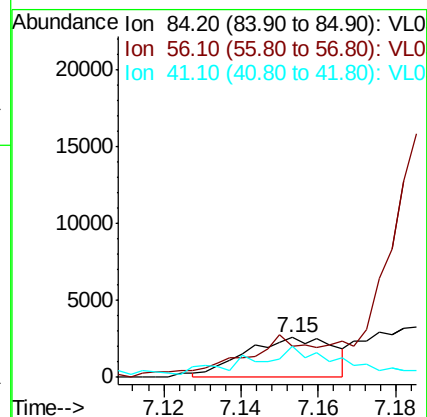
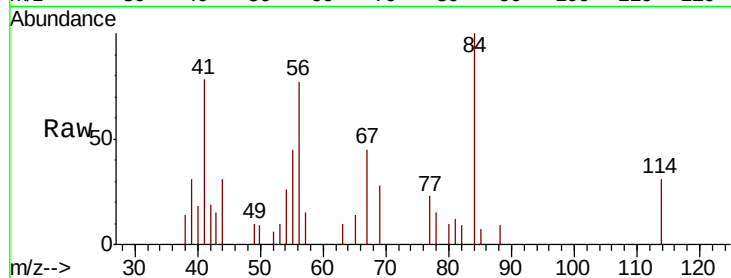
Tot Ion: 84 Resp: 4139

Ion Ratio Lower Upper

84 100

56 0.0 80.1 120.1#

41 94.8 38.1 57.1#



#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.20 min Scan# 1373

Delta R.T. 0.01 min

Lab File: VL035548.D

Acq: 4 Sep 2020 2:26

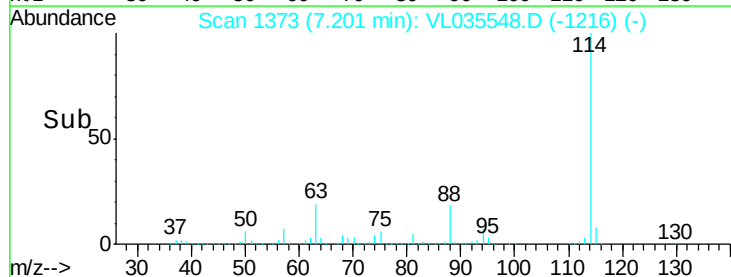
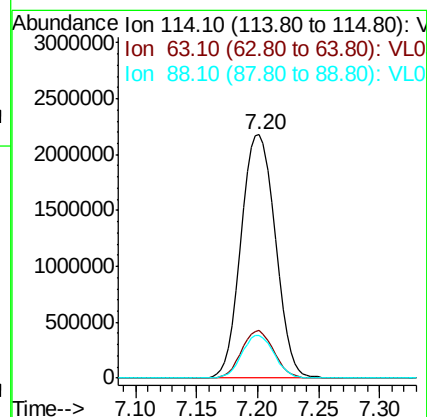
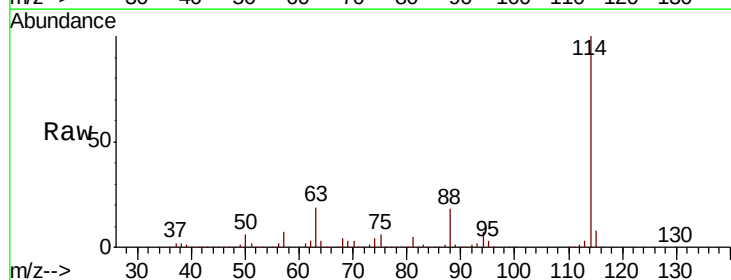
Tgt Ion: 114 Resp: 4241585

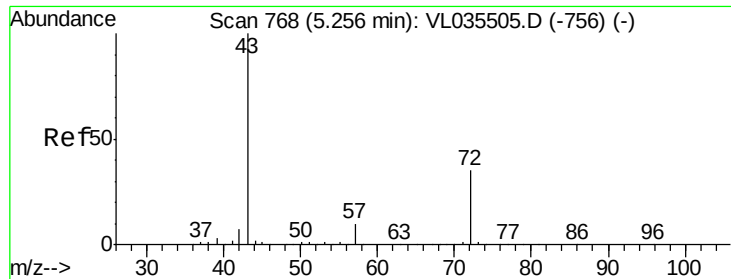
Ion Ratio Lower Upper

114 100

63 18.4 14.7 22.1

88 16.7 13.4 20.2

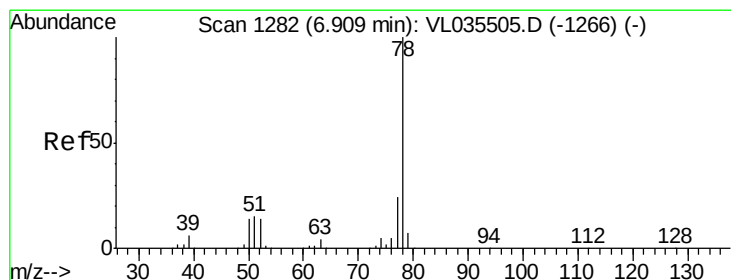
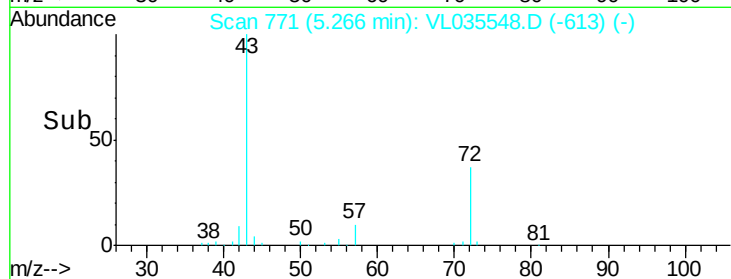
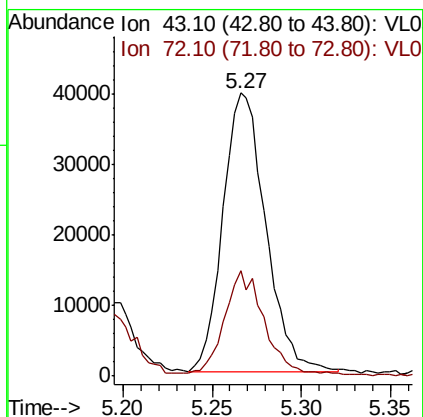
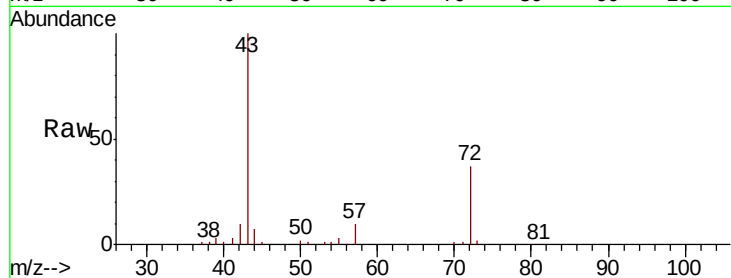




#34
 2-Butanone
 Concen: 0.521 ppbv
 RT: 5.27 min Scan# 771
 Delta R.T. 0.01 min
 Lab File: VL035548.D
 Acq: 4 Sep 2020 2:26

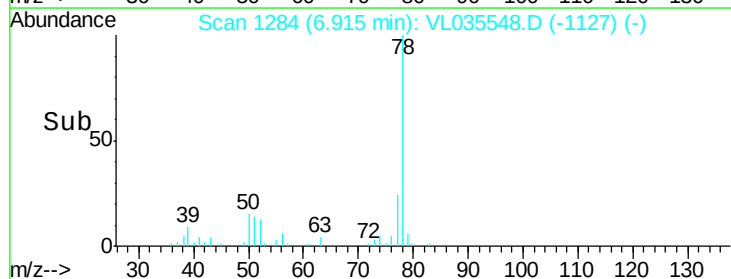
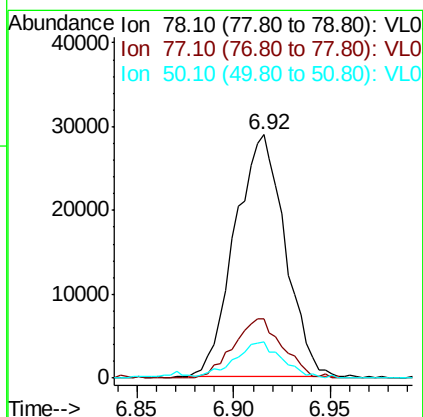
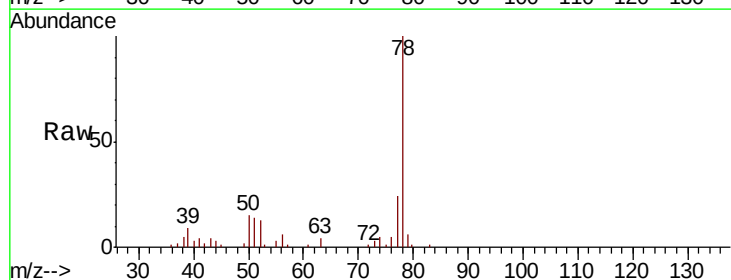
Instrument :
 MSVOA_L
 ClientSampleId :
 SS-7DL

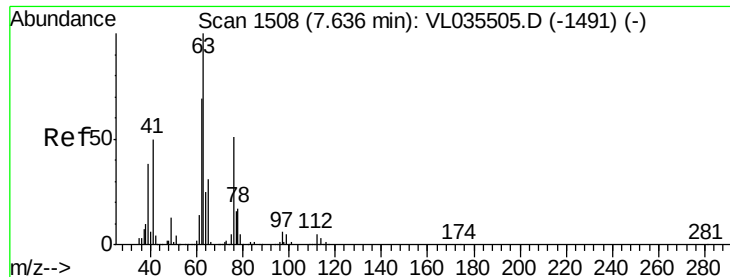
Tot Ion: 43 Resp: 65527
 Ion Ratio Lower Upper
 43 100
 72 36.8 27.7 41.5



#36
 Benzene
 Concen: 0.190 ppbv
 RT: 6.92 min Scan# 1284
 Delta R.T. 0.01 min
 Lab File: VL035548.D
 Acq: 4 Sep 2020 2:26

Tgt Ion: 78 Resp: 52112
 Ion Ratio Lower Upper
 78 100
 77 24.5 19.3 28.9
 50 15.0 11.0 16.6





#39

1,2-Dichloropropane

Concen: 8.389 ppbv

RT: 7.20 min Scan# 1373

Delta R.T. -0.43 min

Lab File: VL035548.D

Acq: 4 Sep 2020 2:26

Instrument :

MSVOA_L

ClientSampleId :

SS-7DL

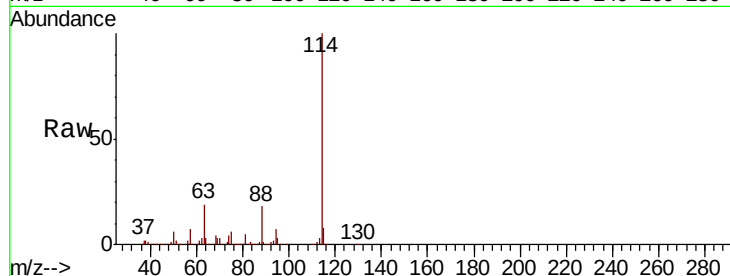
Tot Ion: 63 Resp: 778117

Ion Ratio Lower Upper

63 100

41 0.0 40.0 60.0#

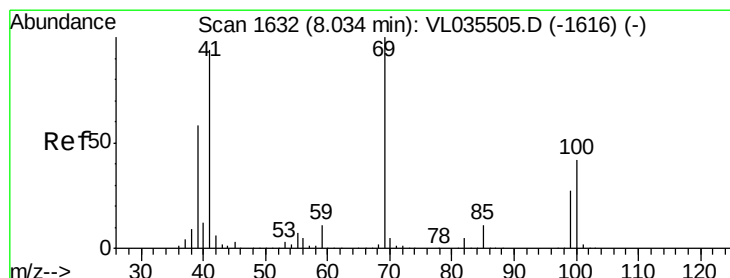
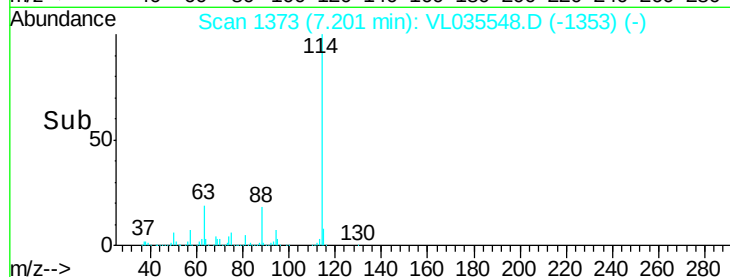
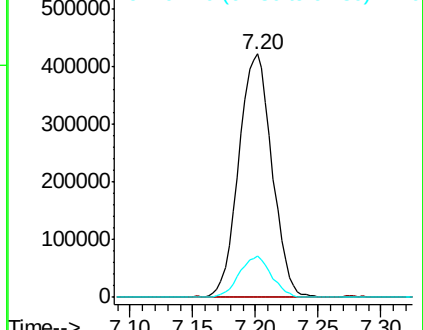
62 17.0 55.4 83.0#



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



#43

Methyl Methacrylate

Concen: 0.106 ppbv

RT: 8.04 min Scan# 1635

Delta R.T. 0.01 min

Lab File: VL035548.D

Acq: 4 Sep 2020 2:26

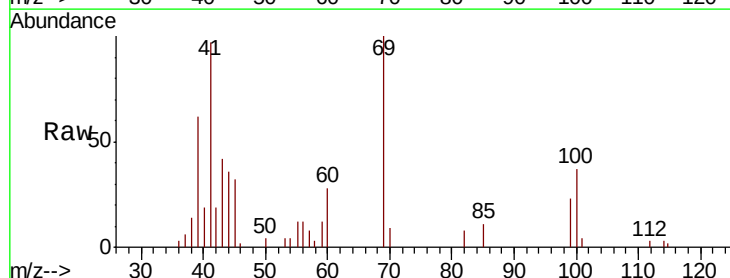
Tgt Ion: 69 Resp: 11251

Ion Ratio Lower Upper

69 100

41 0.0 76.6 114.8#

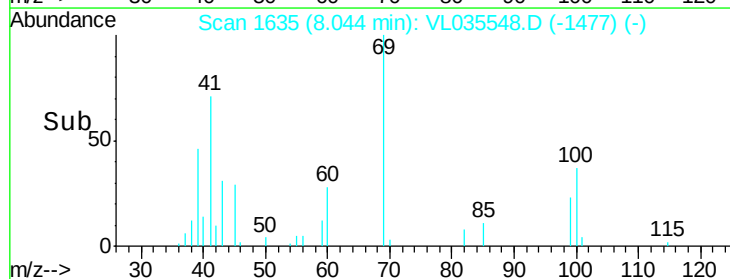
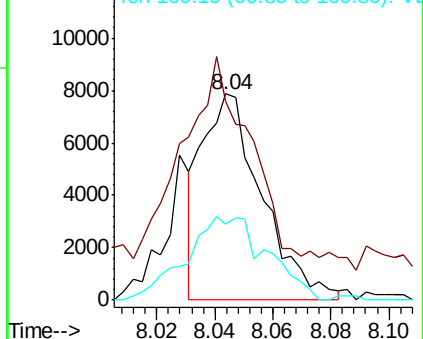
100 56.1 33.8 50.6#

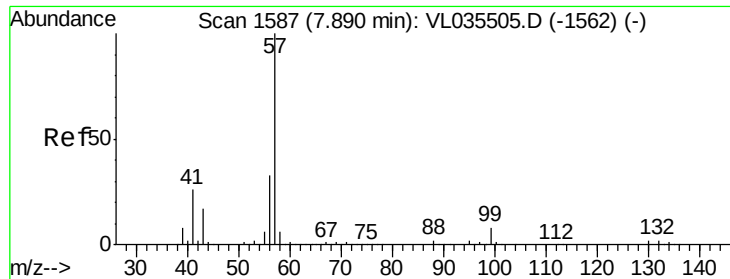


Abundance Ion 69.10 (68.80 to 69.80): VL0

Ion 41.10 (40.80 to 41.80): VL0

Ion 100.10 (99.80 to 100.80): VL0

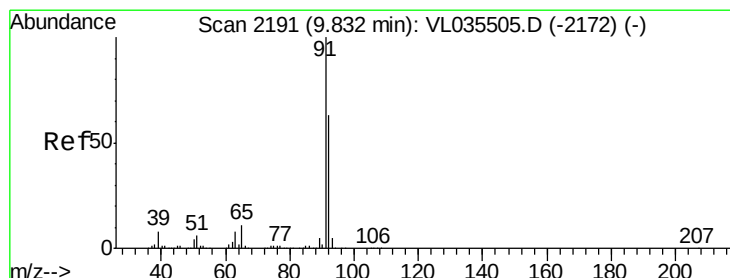
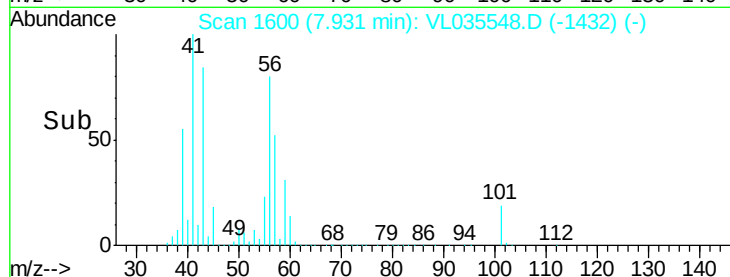
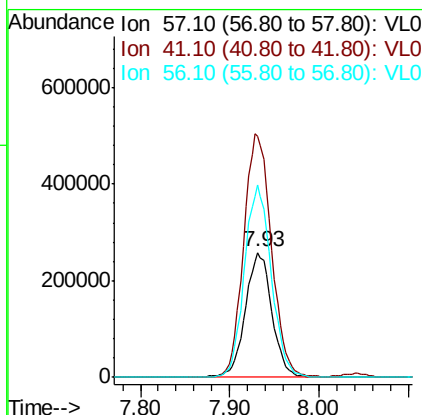
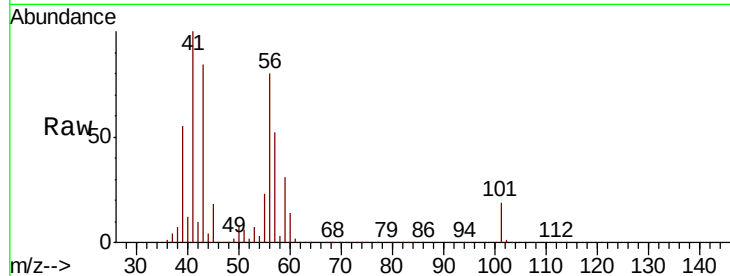




#44
 2,2,4-Trimethylpentane
 Concen: 1.478 ppbv
 RT: 7.93 min Scan# 1600
 Delta R.T. 0.04 min
 Lab File: VL035548.D
 Acq: 4 Sep 2020 2:26

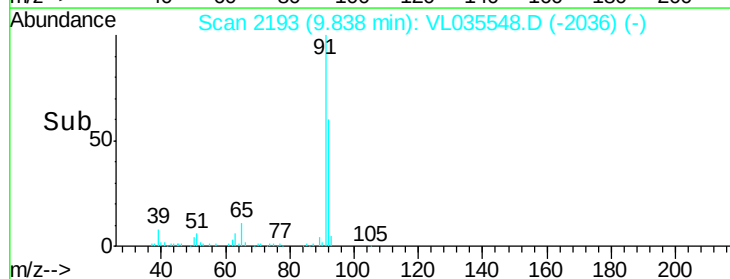
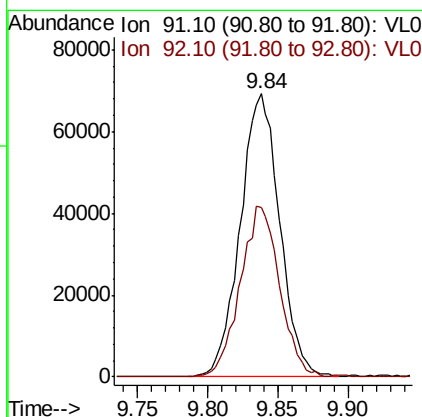
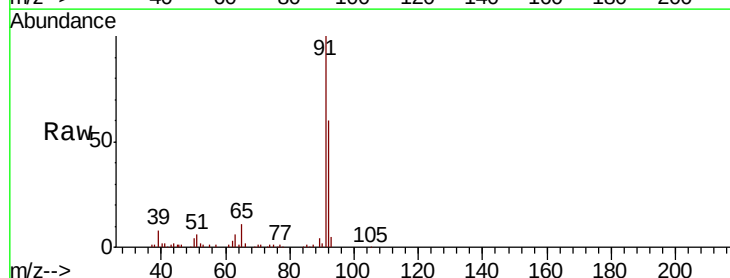
Instrument :
 MSVOA_L
 ClientSampleID :
 SS-7DL

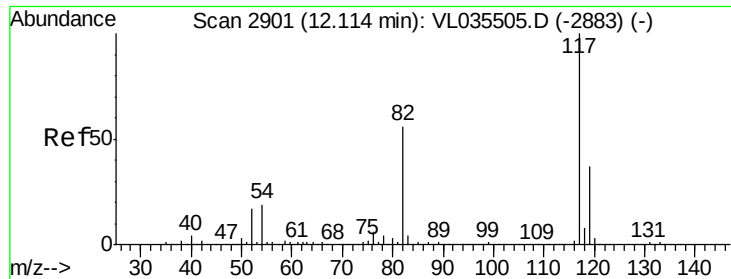
Tot Ion: 57 Resp: 533962
 Ion Ratio Lower Upper
 57 100
 41 203.7 20.5 30.7#
 56 155.7 25.3 37.9#



#53
 Toluene
 Concen: 0.393 ppbv
 RT: 9.84 min Scan# 2193
 Delta R.T. 0.01 min
 Lab File: VL035548.D
 Acq: 4 Sep 2020 2:26

Tgt Ion: 91 Resp: 135785
 Ion Ratio Lower Upper
 91 100
 92 60.6 49.8 74.8

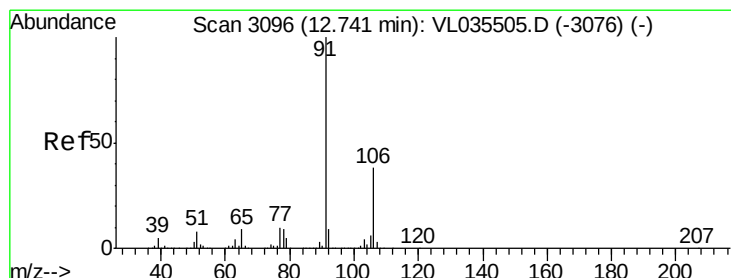
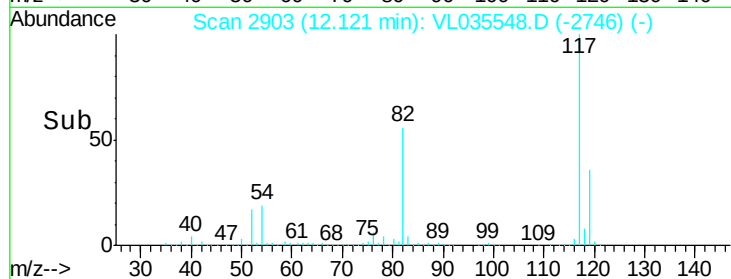
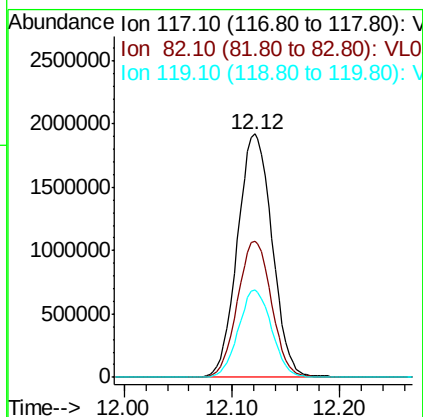
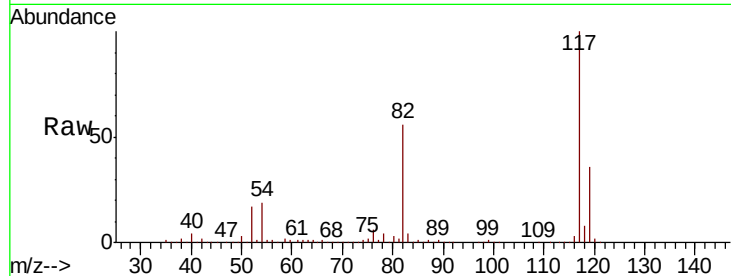




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.12 min Scan# 2903
Delta R.T. 0.01 min
Lab File: VL035548.D
Acq: 4 Sep 2020 2:26

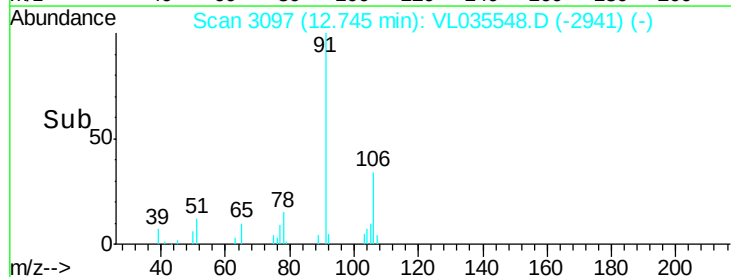
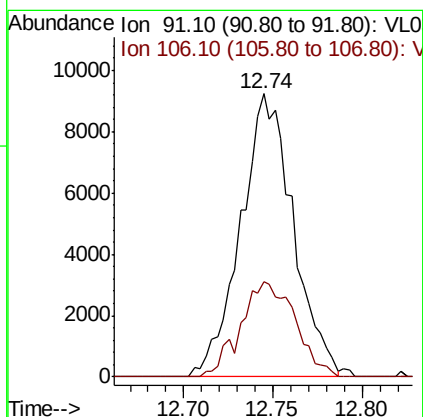
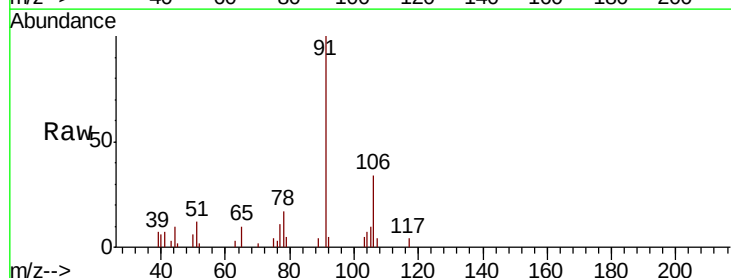
Instrument :
MSVOA_L
ClientSampleId :
SS-7DL

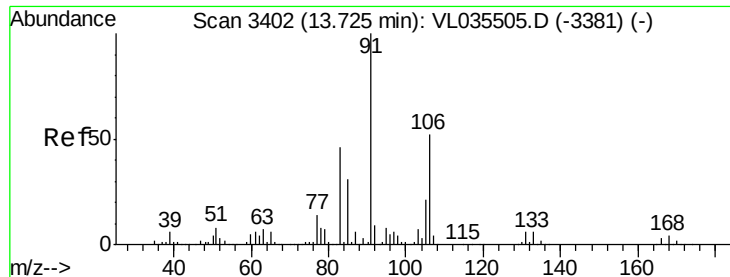
Tot Ion:117 Resp: 4298106
Ion Ratio Lower Upper
117 100
82 55.2 41.6 62.4
119 34.6 29.3 43.9



#58
Ethyl Benzene
Concen: 0.043 ppbv
RT: 12.74 min Scan# 3097
Delta R.T. 0.00 min
Lab File: VL035548.D
Acq: 4 Sep 2020 2:26

Tgt Ion: 91 Resp: 18998
Ion Ratio Lower Upper
91 100
106 33.7 30.3 45.5





#60

o-Xylene

Concen: 0.039 ppbv

RT: 13.73 min Scan# 3404

Delta R.T. 0.01 min

Lab File: VL035548.D

Acq: 4 Sep 2020 2:26

Instrument :

MSVOA_L

ClientSampleId :

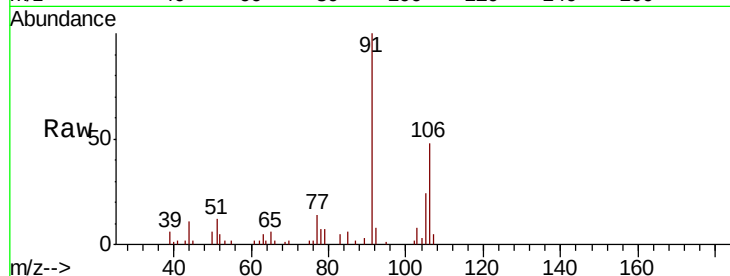
SS-7DL

Tot Ion: 91 Resp: 14504

Ion Ratio Lower Upper

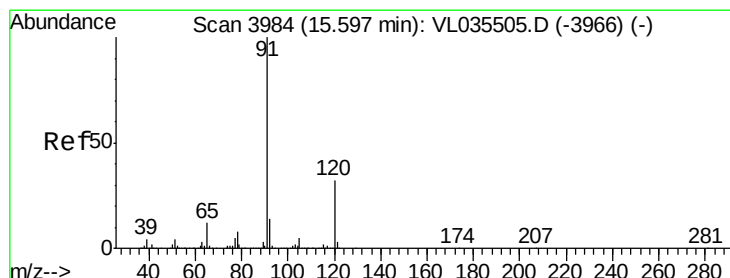
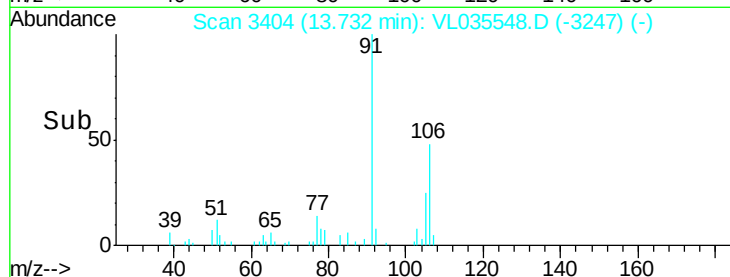
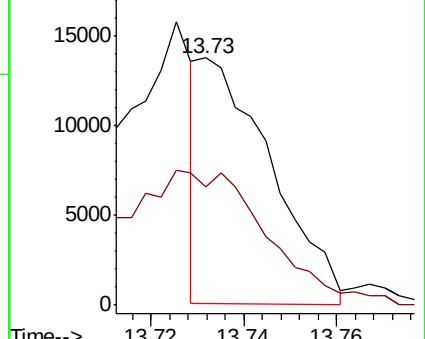
91 100

106 0.0 25.8 77.4#



Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 106.10 (105.80 to 106.80): V



#64

n-propylbenzene

Concen: 0.066 ppbv

RT: 15.61 min Scan# 3987

Delta R.T. 0.01 min

Lab File: VL035548.D

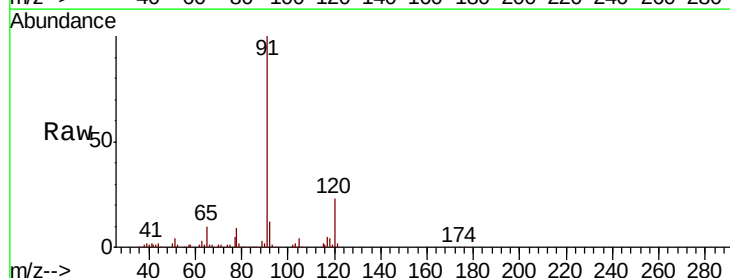
Acq: 4 Sep 2020 2:26

Tgt Ion:120 Resp: 12096

Ion Ratio Lower Upper

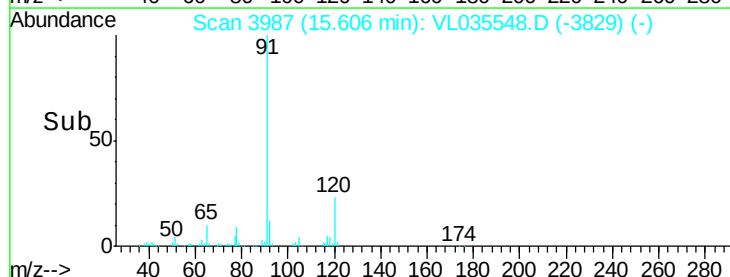
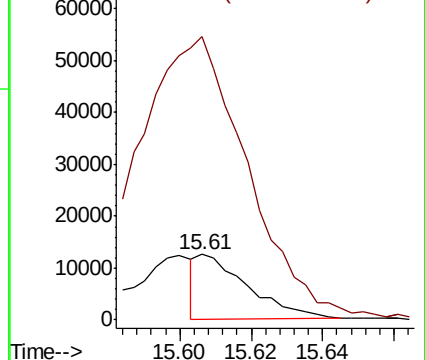
120 100

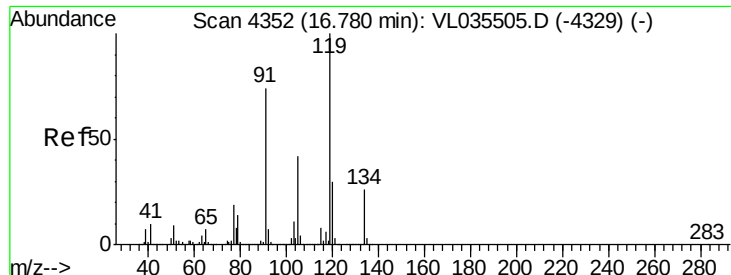
91 1011.7 279.4 419.0#



Abundance Ion 120.20 (119.90 to 120.90): V

Ion 91.10 (90.80 to 91.80): VL0

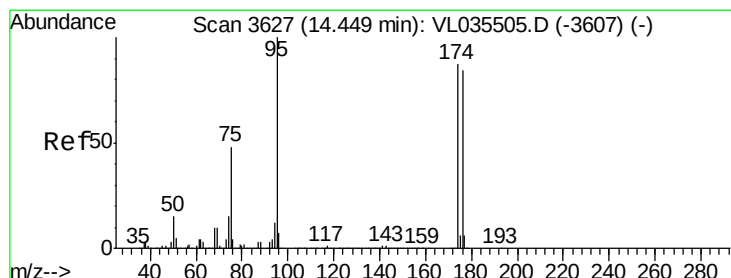
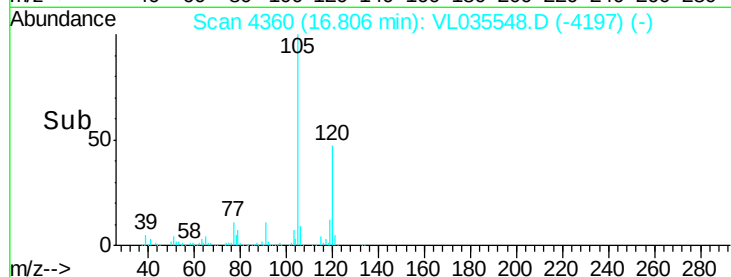
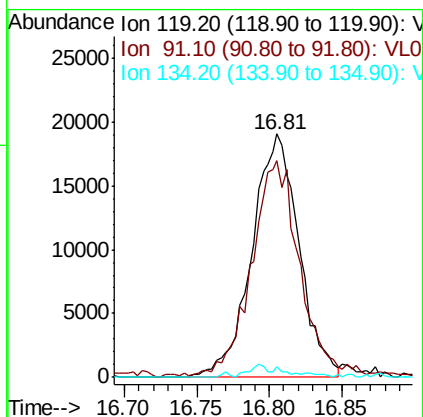
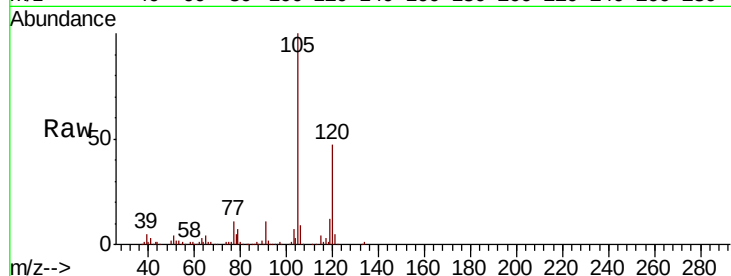




#65
 tert-Butylbenzene
 Concen: 0.077 ppbv
 RT: 16.81 min Scan# 4360
 Delta R.T. 0.03 min
 Lab File: VL035548.D
 Acq: 4 Sep 2020 2:26

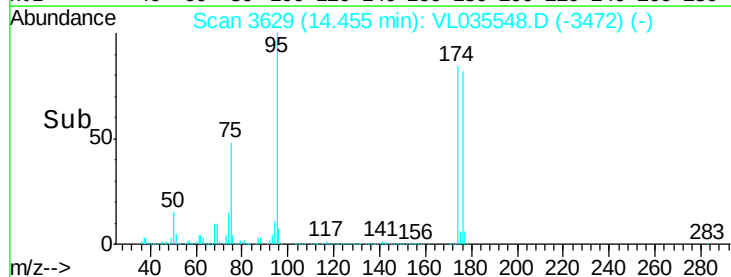
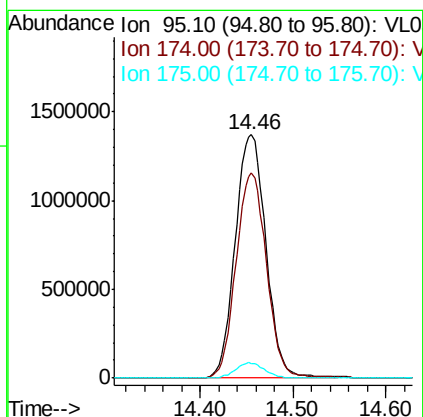
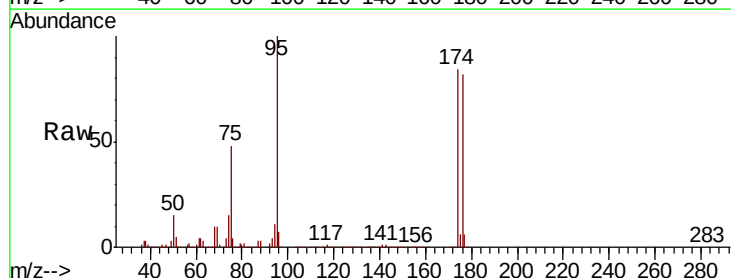
Instrument :
 MSVOA_L
 ClientSampleID :
 SS-7DL

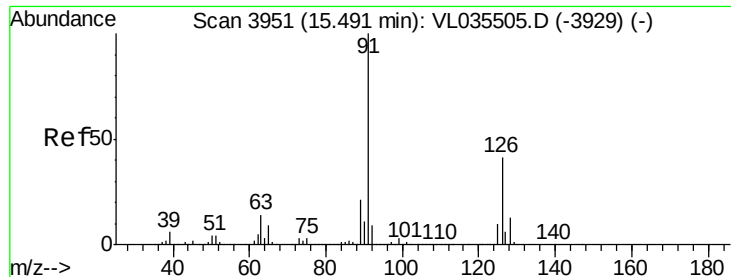
Tot Ion: 119 Resp: 42970
 Ion Ratio Lower Upper
 119 100
 91 95.1 58.6 87.8#
 134 4.3 18.9 28.3#



#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.322 ppbv
 RT: 14.46 min Scan# 3629
 Delta R.T. 0.01 min
 Lab File: VL035548.D
 Acq: 4 Sep 2020 2:26

Tgt Ion: 95 Resp: 3150653
 Ion Ratio Lower Upper
 95 100
 174 84.4 69.6 104.4
 175 6.1 5.1 7.7

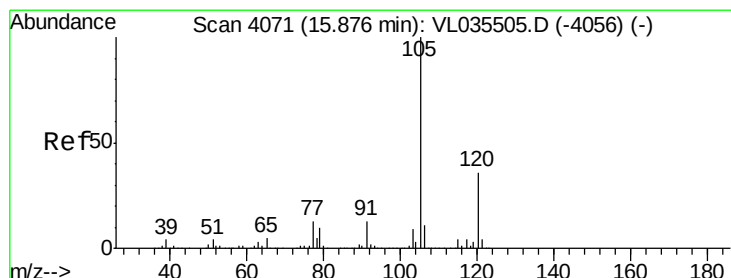
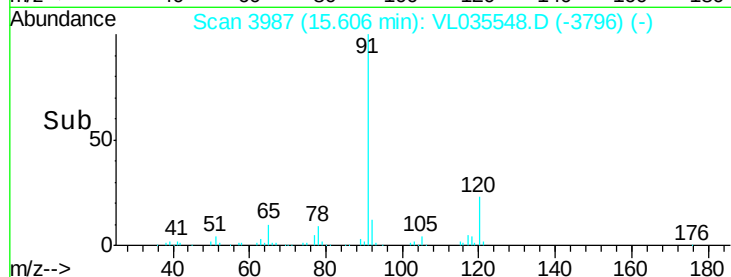
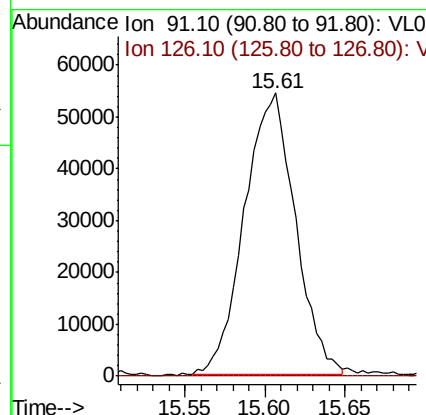
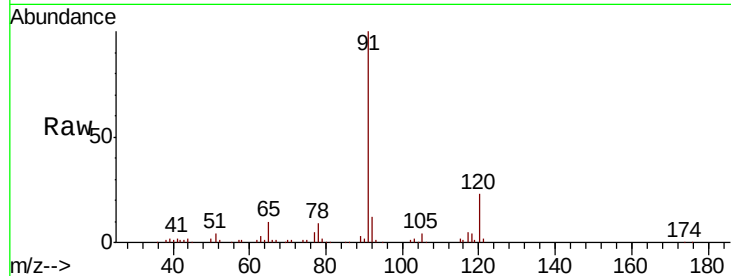




#71
 2-Chlorotoluene
 Concen: 0.271 ppbv
 RT: 15.61 min Scan# 3987
 Delta R.T. 0.12 min
 Lab File: VL035548.D
 Acq: 4 Sep 2020 2:26

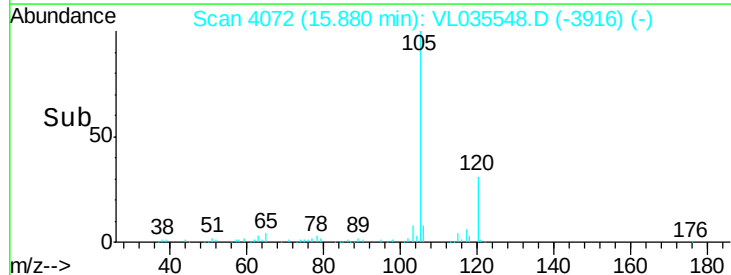
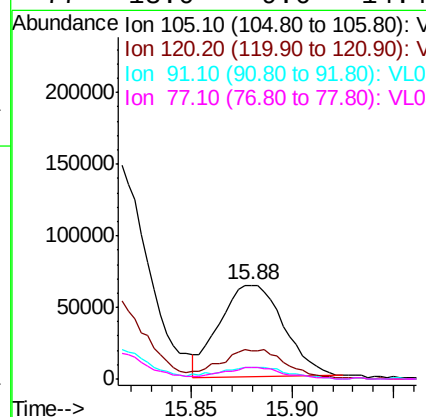
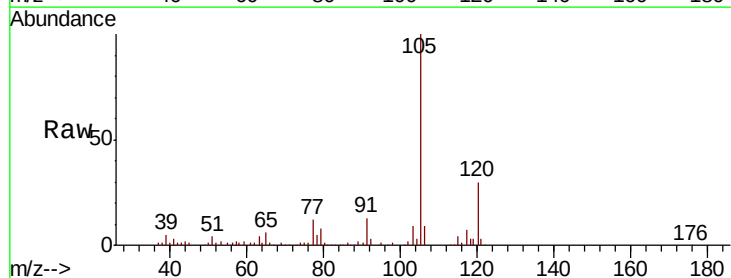
Instrument :
 MSVOA_L
 ClientSampleId :
 SS-7DL

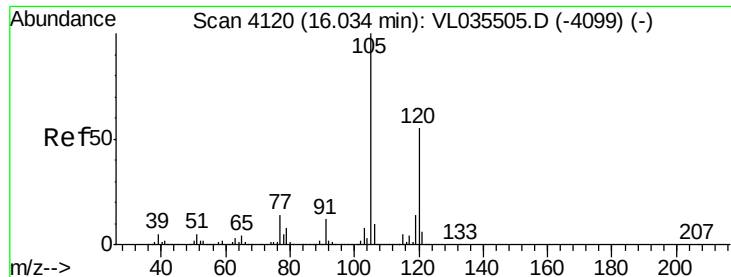
Tot Ion: 91 Resp: 118327
 Ion Ratio Lower Upper
 91 100
 126 0.8 15.6 62.6#



#72
 4-Ethyltoluene
 Concen: 0.300 ppbv
 RT: 15.88 min Scan# 4072
 Delta R.T. 0.00 min
 Lab File: VL035548.D
 Acq: 4 Sep 2020 2:26

Tgt Ion: 105 Resp: 142297
 Ion Ratio Lower Upper
 105 100
 120 33.7 27.4 41.2
 91 13.8 9.7 14.5
 77 13.0 9.6 14.4





#73

1,3,5-Trimethylbenzene

Concen: 0.256 ppbv

RT: 16.04 min Scan# 4122

Delta R.T. 0.01 min

Lab File: VL035548.D

Acq: 4 Sep 2020 2:26

Instrument :

MSVOA_L

ClientSampleId :

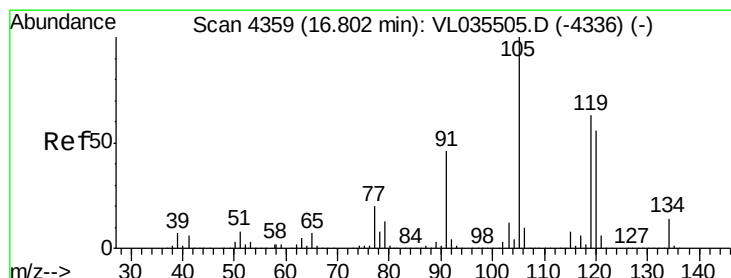
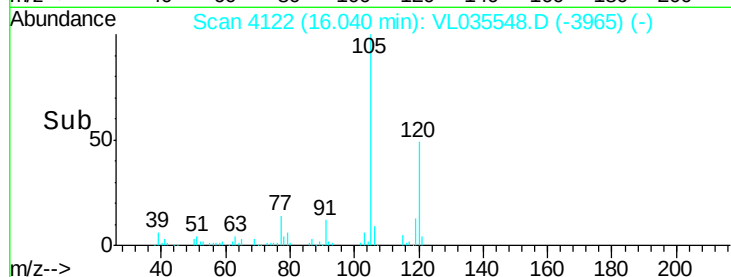
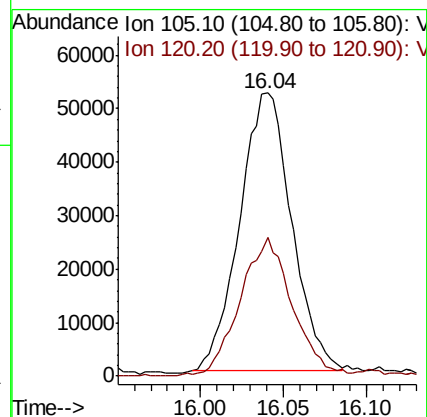
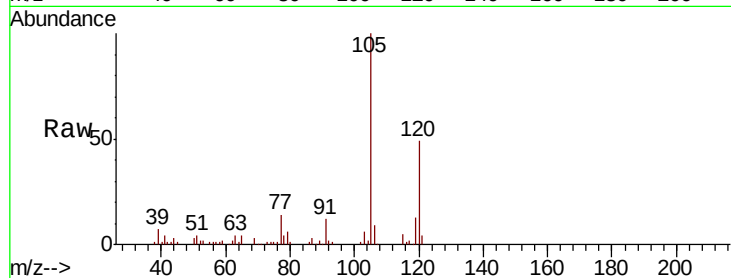
SS-7DL

Tot Ion:105 Resp: 112466

Ion Ratio Lower Upper

105 100

120 49.5 44.2 66.2



#74

1,2,4-Trimethylbenzene

Concen: 0.704 ppbv

RT: 16.81 min Scan# 4360

Delta R.T. 0.00 min

Lab File: VL035548.D

Acq: 4 Sep 2020 2:26

Tgt Ion:105 Resp: 338929

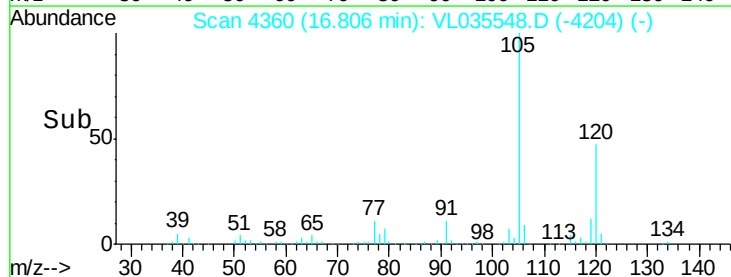
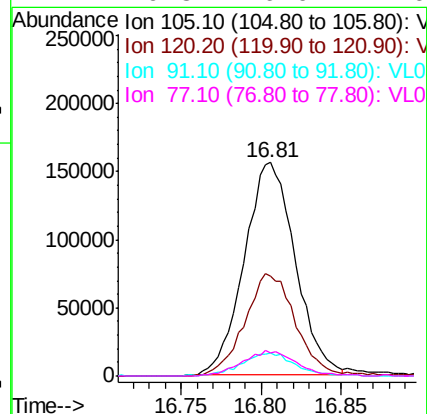
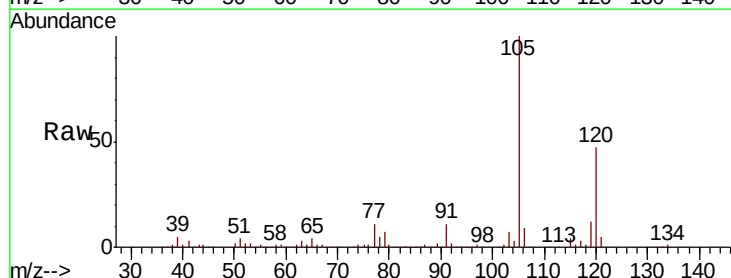
Ion Ratio Lower Upper

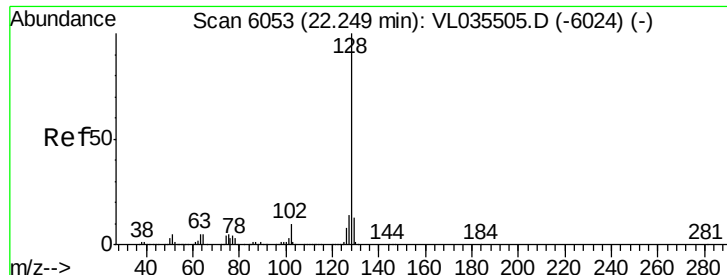
105 100

120 46.9 44.4 66.6

91 10.6 37.1 55.7#

77 10.8 16.0 24.0#





#79

Naphthalene

Concen: 0.084 ppbv

RT: 22.27 min Scan# 6058

Delta R.T. 0.02 min

Lab File: VL035548.D

Acq: 4 Sep 2020 2:26

Instrument :

MSVOA_L

ClientSampleId :

SS-7DL

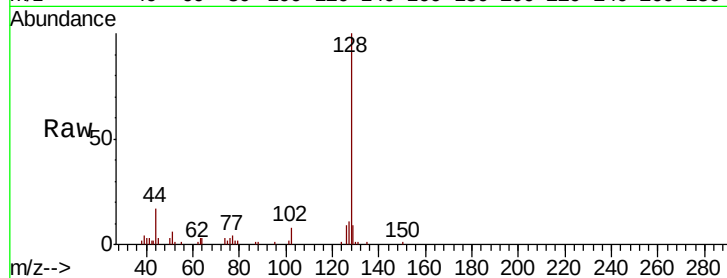
Tot Ion:128 Resp: 44676

Ion Ratio Lower Upper

128 100

127 11.1 11.4 17.2#

129 8.7 10.5 15.7#



Abundance Ion 128.10 (127.80 to 128.80): V

Ion 127.10 (126.80 to 127.80): V

Ion 129.10 (128.80 to 129.80): V

