

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL091620\
 Data File : VL035648.D
 Acq On : 17 Sep 2020 4:13
 Operator : SY/AP
 Sample : L4016-02DL 40X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV-14DL

Quant Time: Sep 17 07:11:40 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	5.67	49	1322555	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	5262745	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.10	117	5173671	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.43	95	3879711	10.56	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	105.60%

Target Compounds

					Ovalue
3) Chlorodifluoromethane	2.98	51	4485	0.031 ppbv	96
4) Chloromethane	3.14	50	2671	0.034 ppbv	96
9) Propene	3.01	41	60047	1.065 ppbv	87
10) Heptane	7.88	43	1823783	12.041 ppbv #	1
13) Ethanol	3.61	45	12669	0.906 ppbv	99
15) Acetone	3.84	43	3514925	24.097 ppbv	95
16) 1,3-Butadiene	3.30	39	150686	2.775 ppbv #	4
17) tert-Butyl alcohol	4.31	59	37954	0.214 ppbv	96
19) Isopropyl Alcohol	3.98	45	16526	0.190 ppbv #	93
20) Methylene Chloride	4.34	84	34354	0.316 ppbv	97
23) Vinyl Acetate	5.06	43	308717	1.649 ppbv #	25
25) Ethyl Acetate	5.68	43	20043	0.078 ppbv #	81
26) Hexane	5.69	57	32291	0.221 ppbv #	38
27) Carbon Disulfide	4.55	76	50429	0.241 ppbv #	92
29) Chloroform	5.75	83	245112	0.824 ppbv	100
30) Cyclohexane	7.13	84	155018	0.991 ppbv	95
31) cis-1,2-Dichloroethene	5.55	61	12684	0.085 ppbv #	87
34) 2-Butanone	5.25	43	291563	1.867 ppbv	99
36) Benzene	6.89	78	33342	0.098 ppbv	96
38) Trichloroethene	7.84	130	236144	1.193 ppbv	95
39) 1,2-Dichloropropane	7.88	63	18379	0.160 ppbv #	1
41) Tetrahydrofuran	6.35	42	118607	1.432 ppbv #	26
42) Bromodichloromethane	7.80	83	20598	0.078 ppbv #	45
44) 2,2,4-Trimethylpentane	7.88	57	9534668	21.271 ppbv #	88
51) 2-Hexanone	10.16	43	77530	0.418 ppbv #	96
52) Tetrachloroethene	11.24	164	5174175	25.999 ppbv	87
53) Toluene	9.82	91	294272	0.687 ppbv	96
58) Ethyl Benzene	12.72	91	64305	0.121 ppbv #	84
59) m/p-Xylene	13.01	91	41942	0.094 ppbv #	24
60) o-Xylene	13.71	91	74283	0.165 ppbv	97
72) 4-Ethyltoluene	15.85	105	22658	0.040 ppbv #	74
73) 1,3,5-Trimethylbenzene	16.01	105	19741	0.037 ppbv #	80
74) 1,2,4-Trimethylbenzene	16.78	105	75759	0.131 ppbv #	74

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



#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.67 min Scan# 896

Delta R.T. 0.00 min

Lab File: VL035648.D

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SV-14DL

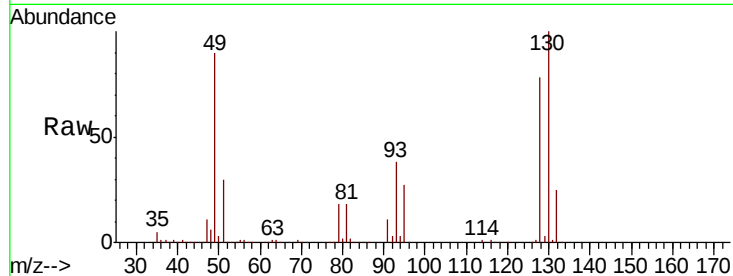
Tot Ion: 49 Resp: 1322555

Ion Ratio Lower Upper

49 100

128 87.4 50.0 150.1

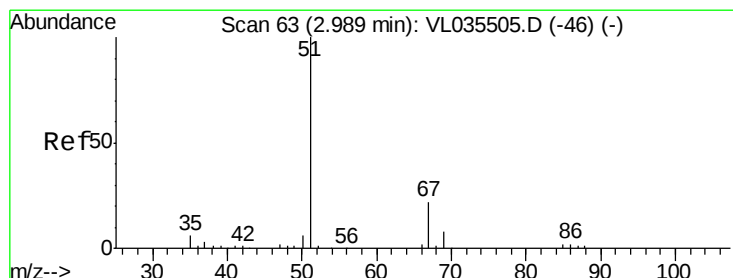
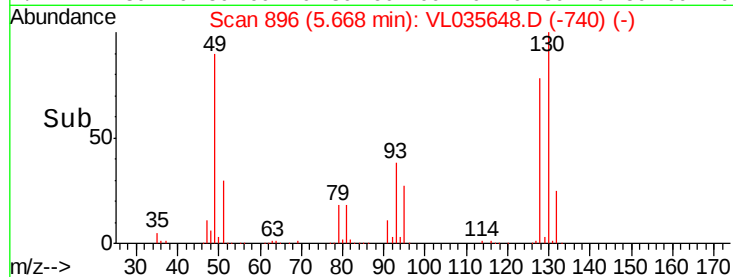
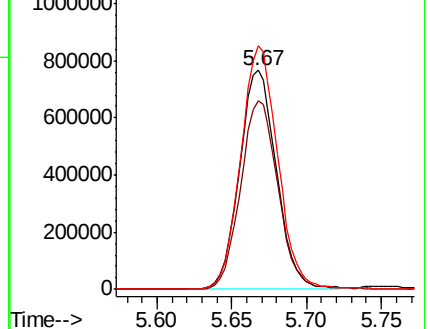
130 111.8 64.4 193.2



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



#3

Chlorodifluoromethane

Concen: 0.031 ppbv

RT: 2.98 min Scan# 61

Delta R.T. 0.01 min

Lab File: VL035648.D

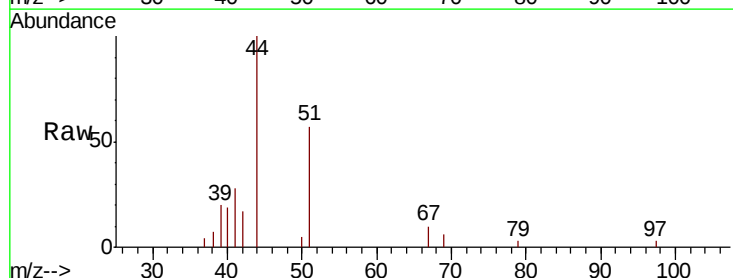
Acq: 17 Sep 2020 4:13

Tgt Ion: 51 Resp: 4485

Ion Ratio Lower Upper

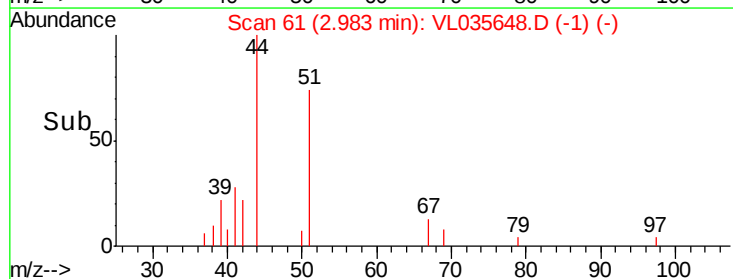
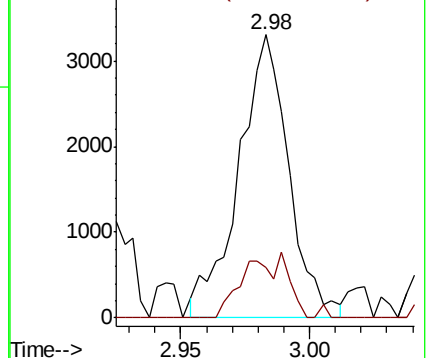
51 100

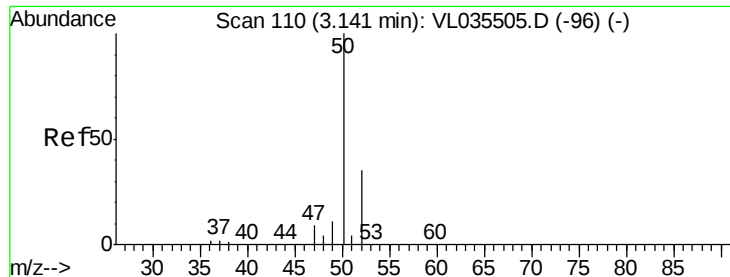
67 20.5 17.8 26.8



Abundance Ion 51.00 (50.70 to 51.70): VL0

Ion 67.00 (66.70 to 67.70): VL0





#4

Chloromethane

Concen: 0.034 ppbv

RT: 3.14 min Scan# 109

Delta R.T. 0.01 min

Lab File: VL035648.D

Acq: 17 Sep 2020 4:13

Instrument :

MSVOA_L

ClientSampleId :

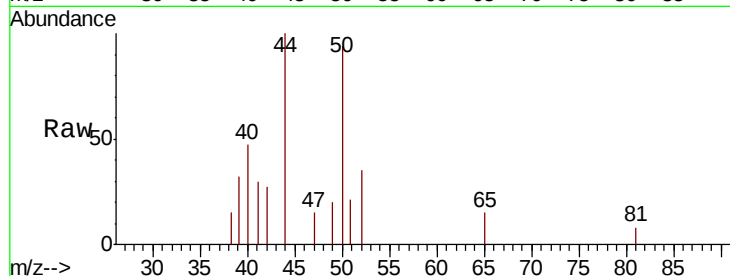
SV-14DL

Tot Ion: 50 Resp: 2671

Ion Ratio Lower Upper

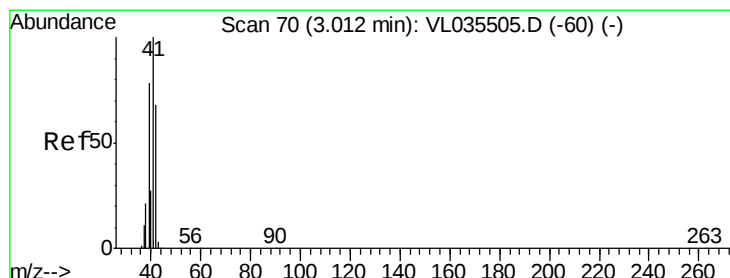
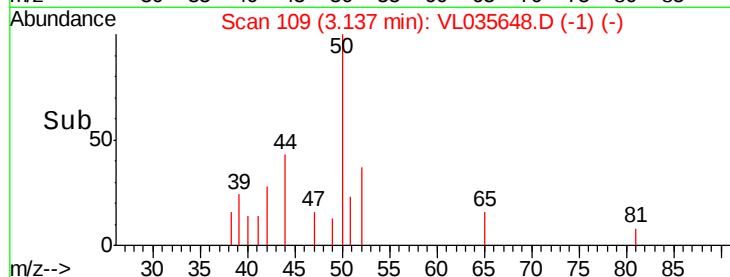
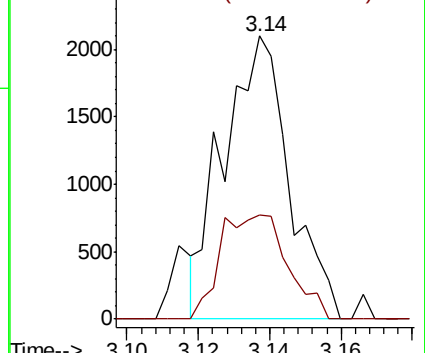
50 100

52 36.8 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: 1.065 ppbv

RT: 3.01 min Scan# 68

Delta R.T. 0.01 min

Lab File: VL035648.D

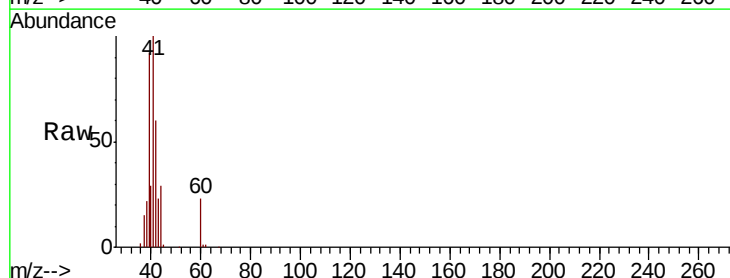
Acq: 17 Sep 2020 4:13

Tgt Ion: 41 Resp: 60047

Ion Ratio Lower Upper

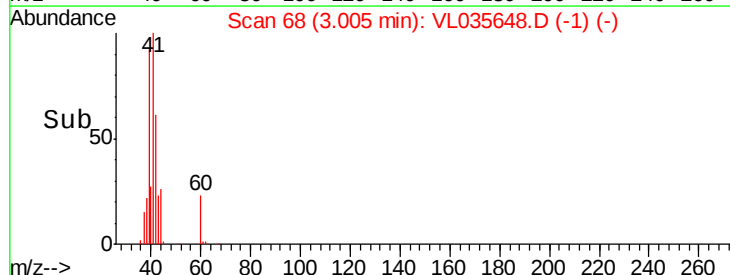
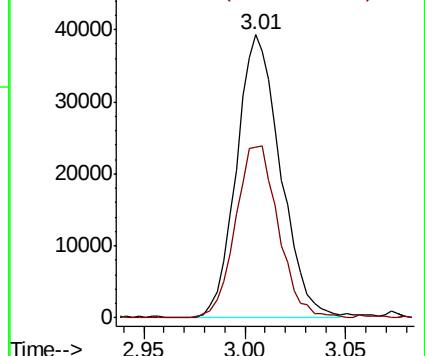
41 100

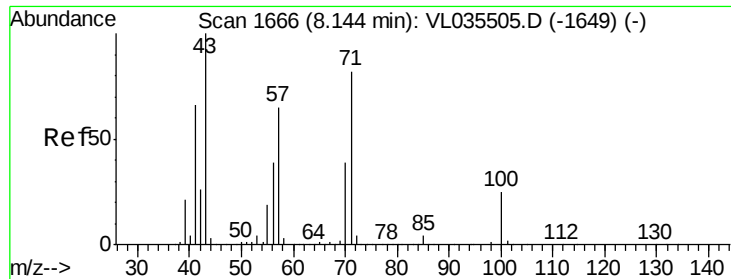
42 59.5 56.3 84.5



Abundance Ion 41.10 (40.80 to 41.80): VL0

Ion 42.10 (41.80 to 42.80): VL0





#10

Heptane

Concen: 12.041 ppbv

RT: 7.88 min Scan# 1583

Delta R.T. -0.25 min

Lab File: VL035648.D

Acq: 17 Sep 2020 4:13

Instrument :

MSVOA_L

ClientSampleId :

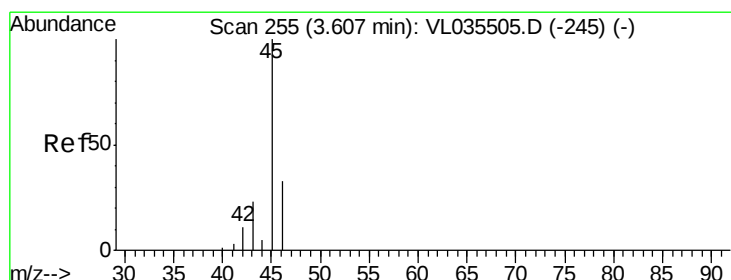
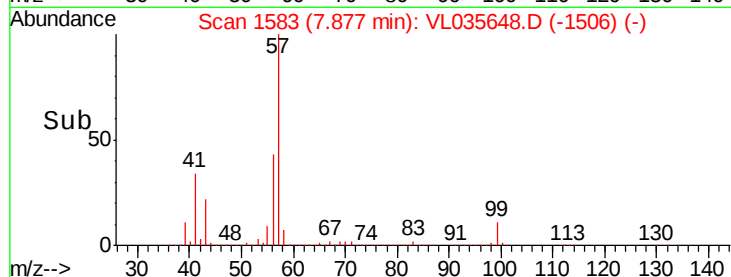
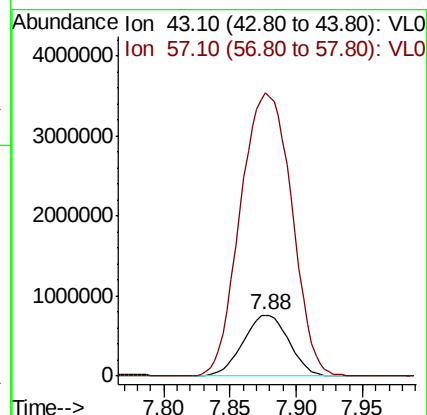
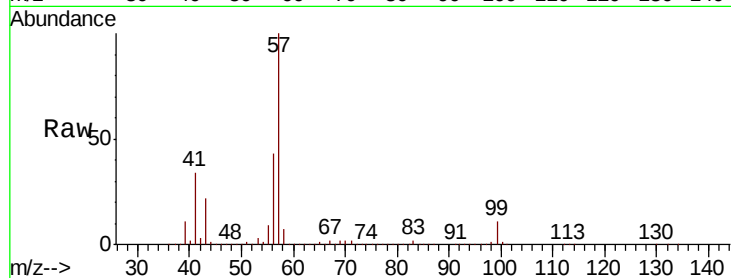
SV-14DL

Tot Ion: 43 Resp: 1823783

Ion Ratio Lower Upper

43 100

57 524.4 51.4 77.0#



#13

Ethanol

Concen: 0.906 ppbv

RT: 3.61 min Scan# 256

Delta R.T. 0.01 min

Lab File: VL035648.D

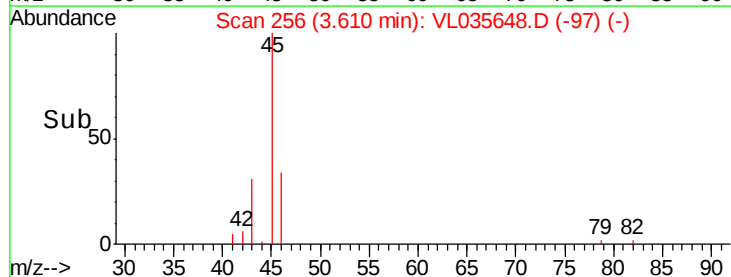
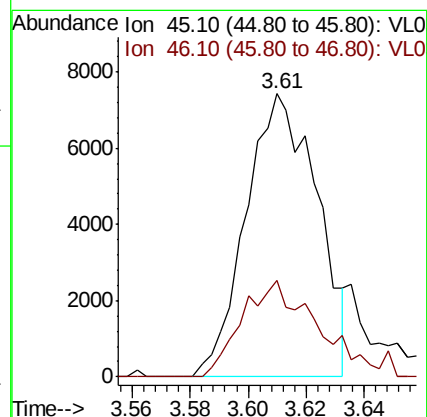
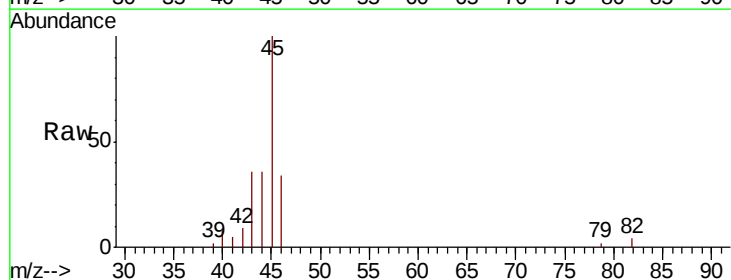
Acq: 17 Sep 2020 4:13

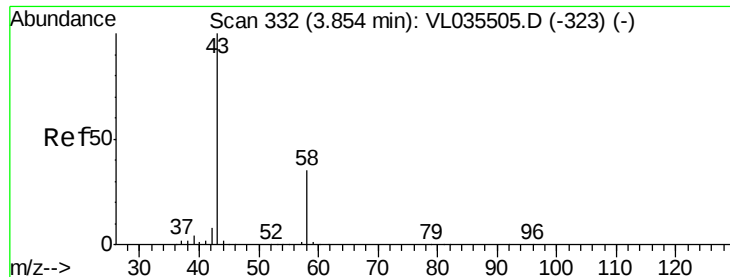
Tgt Ion: 45 Resp: 12669

Ion Ratio Lower Upper

45 100

46 37.1 15.2 60.6





#15

Acetone

Concen: 24.097 ppbv

RT: 3.84 min Scan# 328

Delta R.T. 0.00 min

Lab File: VL035648.D

Acq: 17 Sep 2020 4:13

Instrument :

MSVOA_L

ClientSampleId :

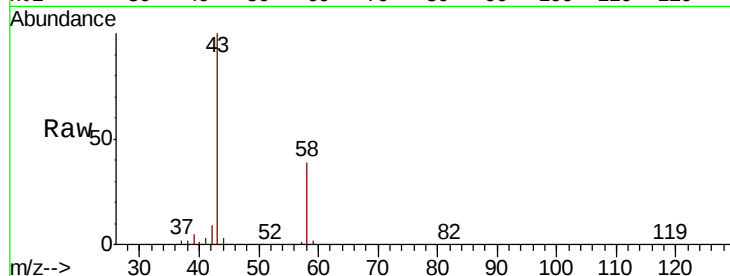
SV-14DL

Tot Ion: 43 Resp: 3514925

Ion Ratio Lower Upper

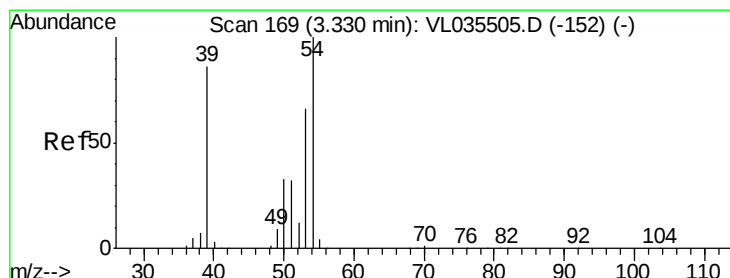
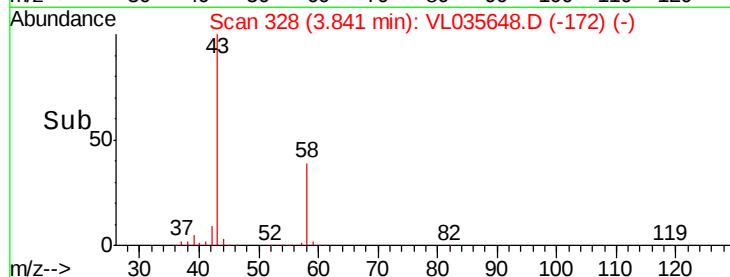
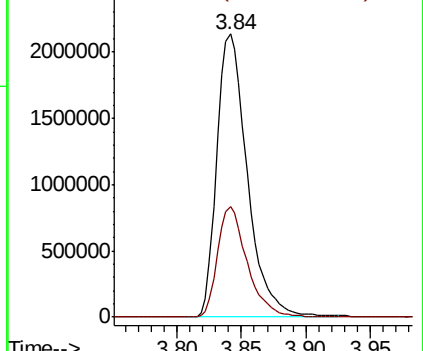
43 100

58 38.5 28.4 42.6



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0



#16

1,3-Butadiene

Concen: 2.775 ppbv

RT: 3.30 min Scan# 161

Delta R.T. -0.01 min

Lab File: VL035648.D

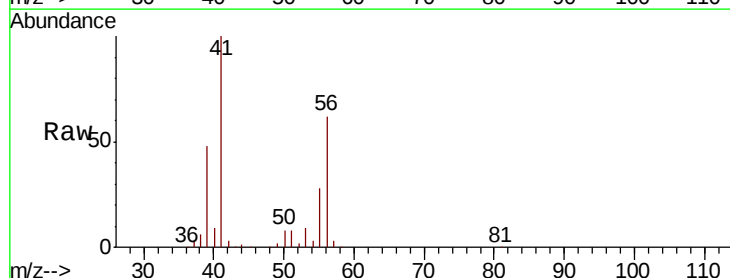
Acq: 17 Sep 2020 4:13

Tgt Ion: 39 Resp: 150686

Ion Ratio Lower Upper

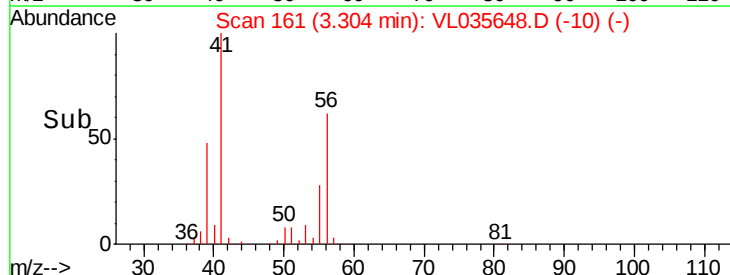
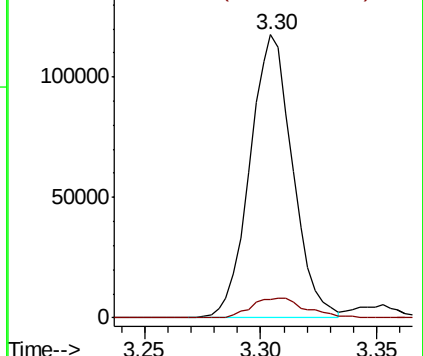
39 100

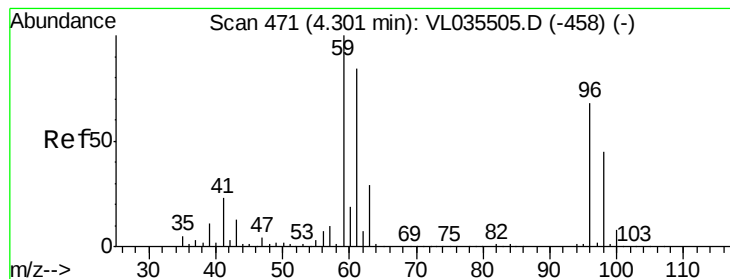
54 9.1 88.4 132.6#



Abundance Ion 39.10 (38.80 to 39.80): VL0

Ion 54.10 (53.80 to 54.80): VL0





#17

tert-Butyl alcohol

Concen: 0.214 ppbv

RT: 4.31 min Scan# 474

Delta R.T. 0.03 min

Lab File: VL035648.D

Acq: 17 Sep 2020 4:13

Instrument :

MSVOA_L

ClientSampleId :

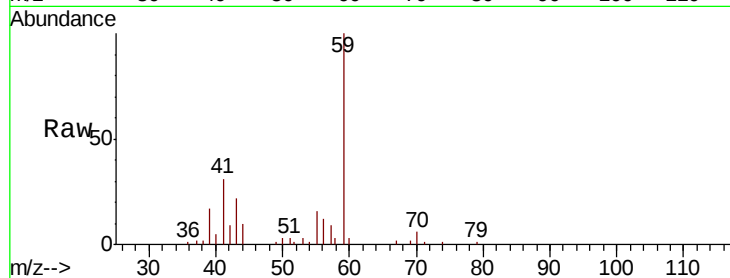
SV-14DL

Tot Ion: 59 Resp: 37954

Ion Ratio Lower Upper

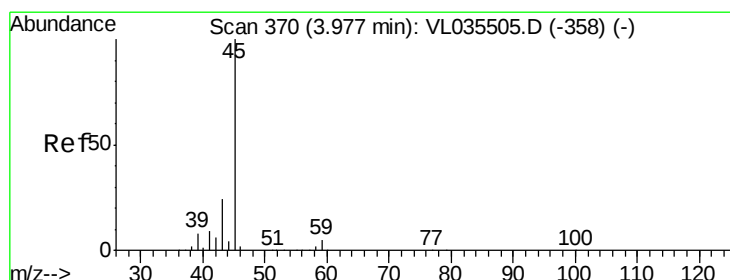
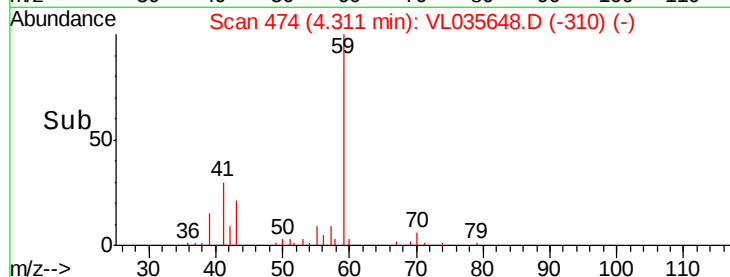
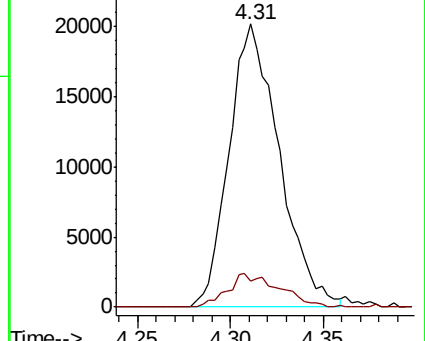
59 100

57 12.1 8.4 12.6



Abundance Ion 59.10 (58.80 to 59.80): VL0

Ion 57.10 (56.80 to 57.80): VL0



#19

Isopropyl Alcohol

Concen: 0.190 ppbv

RT: 3.98 min Scan# 372

Delta R.T. 0.03 min

Lab File: VL035648.D

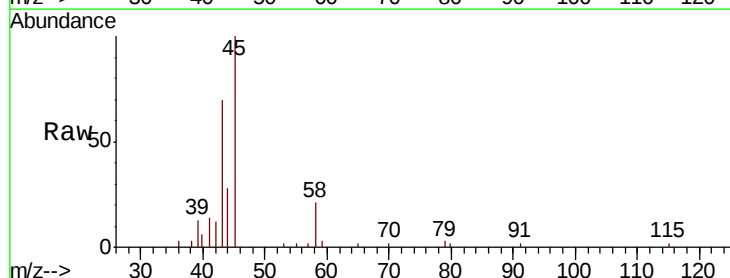
Acq: 17 Sep 2020 4:13

Tgt Ion: 45 Resp: 16526

Ion Ratio Lower Upper

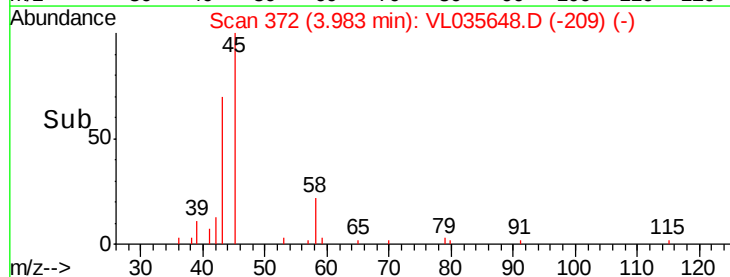
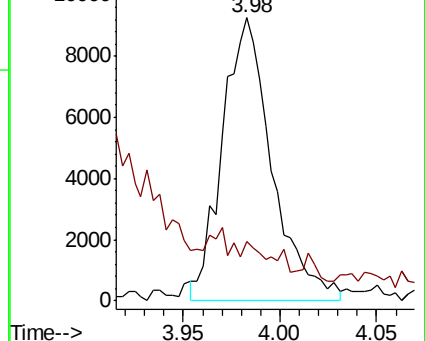
45 100

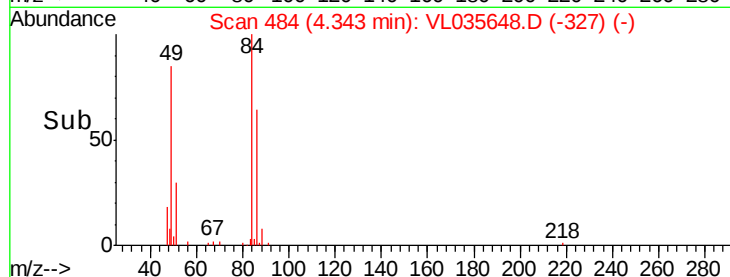
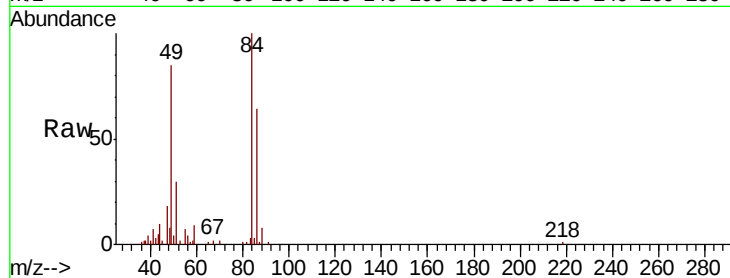
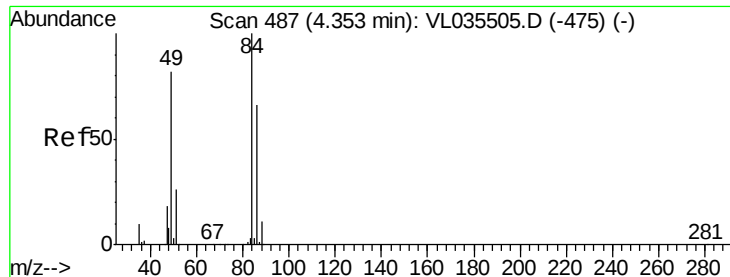
58 0.0 2.0 3.0#



Abundance Ion 45.10 (44.80 to 45.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

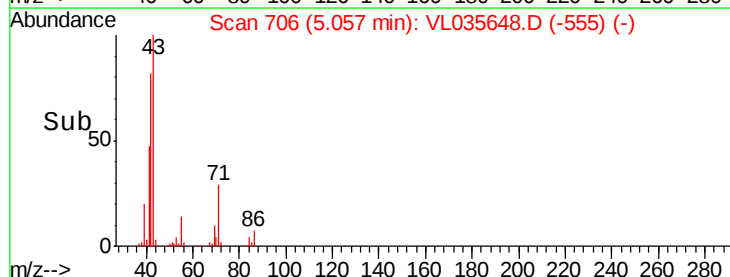
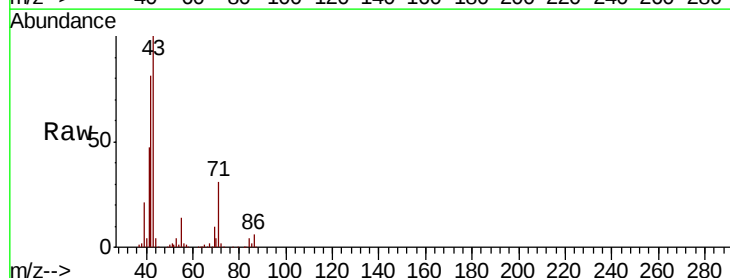
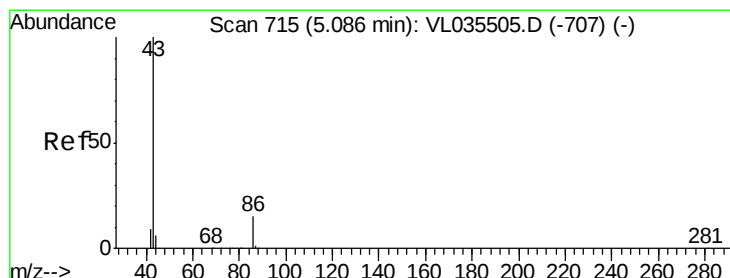
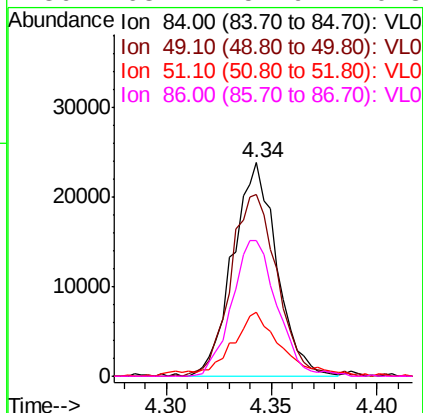




#20
Methylene Chloride
Concen: 0.316 ppbv
RT: 4.34 min Scan# 484
Delta R.T. 0.01 min
Lab File: VL035648.D
Acq: 17 Sep 2020 4:13

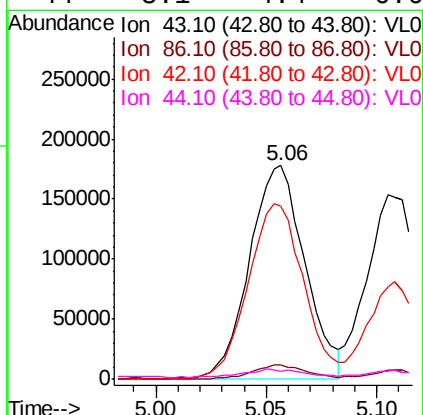
Instrument :
MSVOA_L
ClientSampleId :
SV-14DL

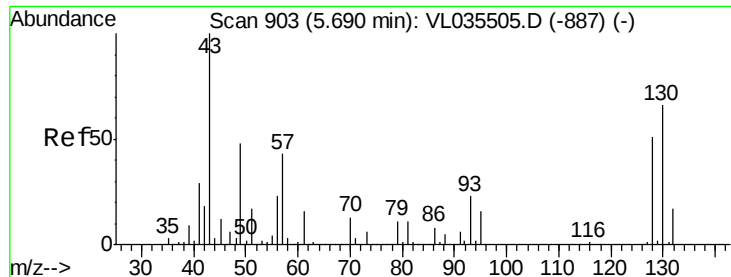
Tot Ion:	84	Resp:	34354
Ion	Ratio	Lower	Upper
84	100		
49	84.3	65.4	98.0
51	28.5	21.5	32.3
86	63.7	52.9	79.3



#23
Vinyl Acetate
Concen: 1.649 ppbv
RT: 5.06 min Scan# 706
Delta R.T. -0.01 min
Lab File: VL035648.D
Acq: 17 Sep 2020 4:13

Tgt Ion:	43	Resp:	308717
Ion	Ratio	Lower	Upper
43	100		
86	6.5	10.6	16.0#
42	80.8	7.5	11.3#
44	3.1	4.4	6.6#





#25

Ethyl Acetate

Concen: 0.078 ppbv

RT: 5.68 min Scan# 901

Delta R.T. 0.01 min

Lab File: VL035648.D

Acq: 17 Sep 2020 4:13

Instrument :

MSVOA_L

ClientSampleId :

SV-14DL

Tot Ion: 43 Resp: 20043

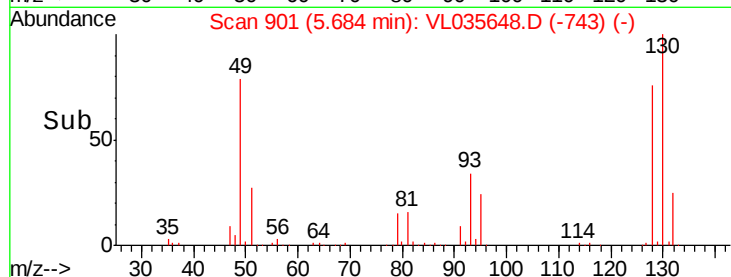
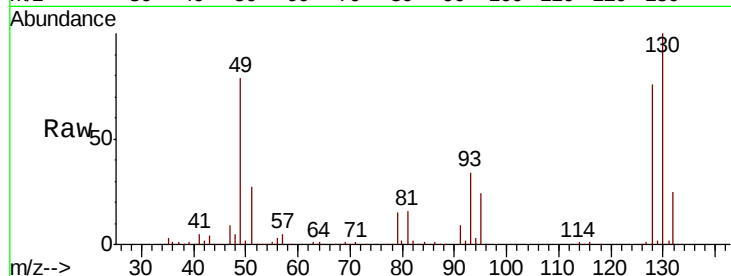
Ion Ratio Lower Upper

43 100

45 4.1 8.4 12.6#

61 2.1 10.6 16.0#

70 7.3 9.4 14.2#

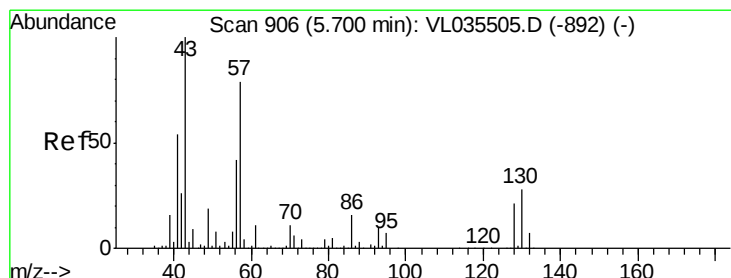
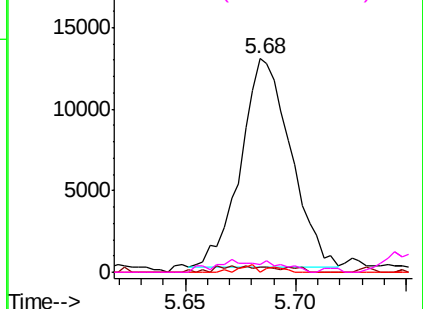


Abundance Ion 43.10 (42.80 to 43.80): VL0

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: 0.221 ppbv

RT: 5.69 min Scan# 902

Delta R.T. 0.00 min

Lab File: VL035648.D

Acq: 17 Sep 2020 4:13

Tgt Ion: 57 Resp: 32291

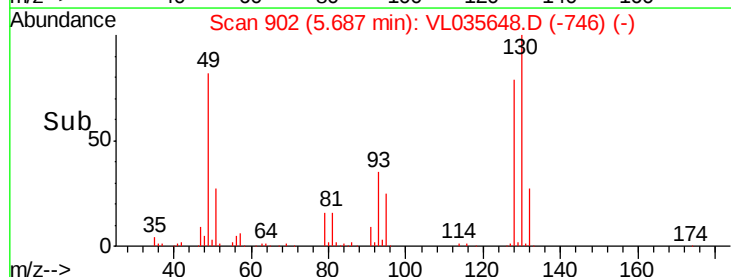
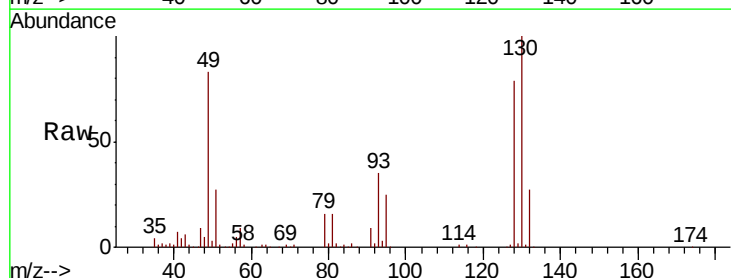
Ion Ratio Lower Upper

57 100

41 104.8 55.9 83.9#

43 67.1 141.8 212.8#

56 73.4 41.8 62.8#

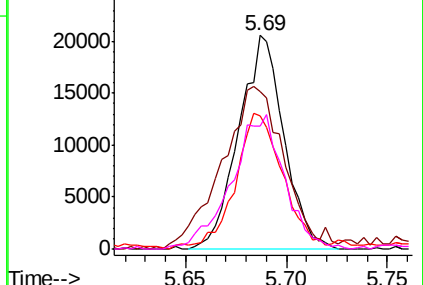


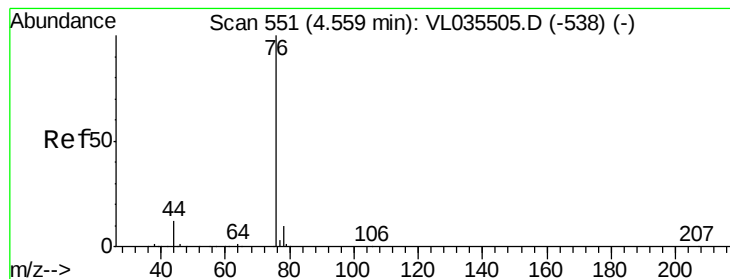
Abundance Ion 57.10 (56.80 to 57.80): VL0

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: 0.241 ppbv

RT: 4.55 min Scan# 548

Delta R.T. 0.01 min

Lab File: VL035648.D

Acq: 17 Sep 2020 4:13

Instrument :

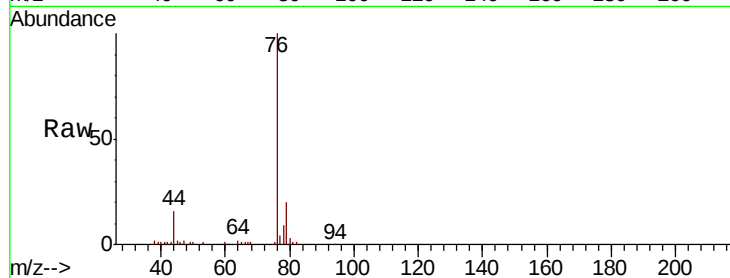
MSVOA_L

ClientSampleId :

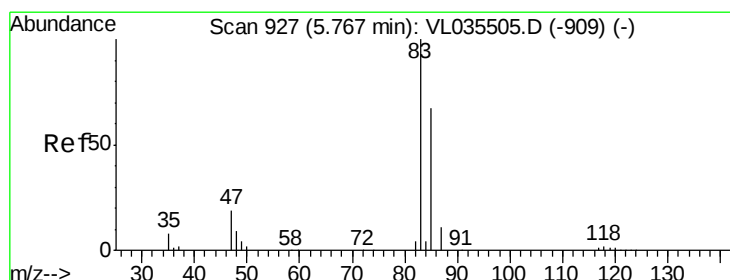
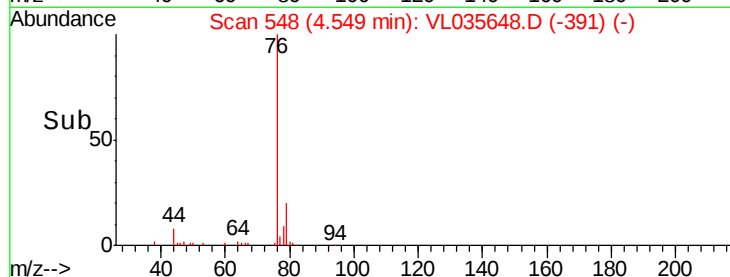
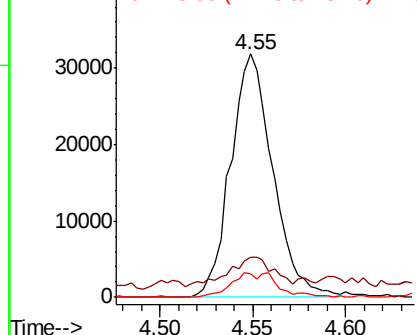
SV-14DL

Tot Ion: 76 Resp: 50429

Ion	Ratio	Lower	Upper
76	100		
44	16.0	9.3	13.9#
78	11.1	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: 0.824 ppbv

RT: 5.75 min Scan# 922

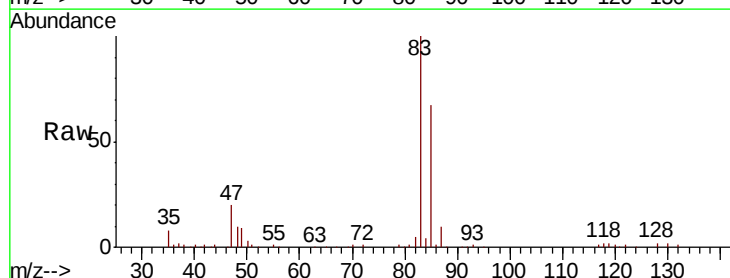
Delta R.T. 0.00 min

Lab File: VL035648.D

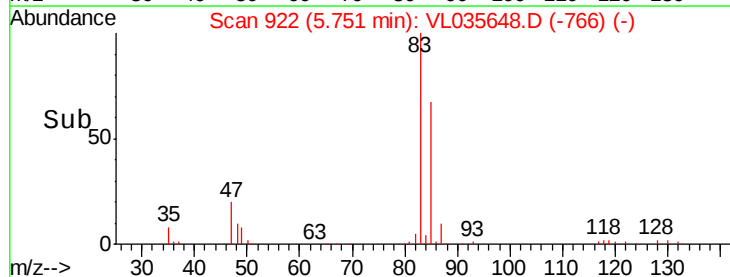
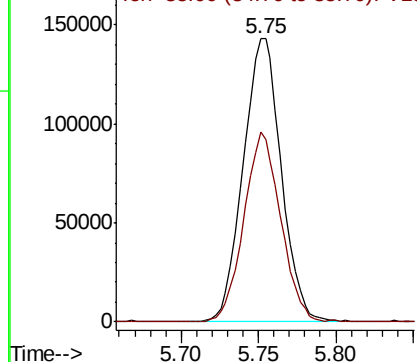
Acq: 17 Sep 2020 4:13

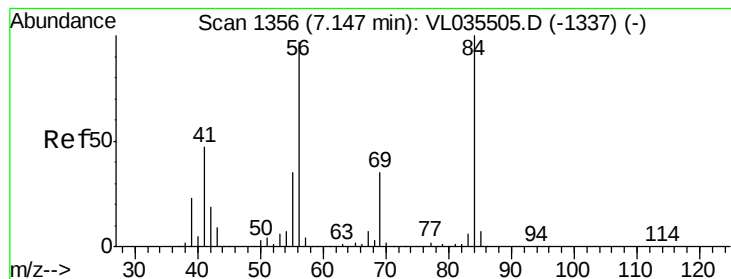
Tgt Ion: 83 Resp: 245112

Ion	Ratio	Lower	Upper
83	100		
85	67.0	53.9	80.9



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





#30

Cyclohexane

Concen: 0.991 ppbv

RT: 7.13 min Scan# 1352

Delta R.T. 0.00 min

Lab File: VL035648.D

Acq: 17 Sep 2020 4:13

Instrument :

MSVOA_L

ClientSampleId :

SV-14DL

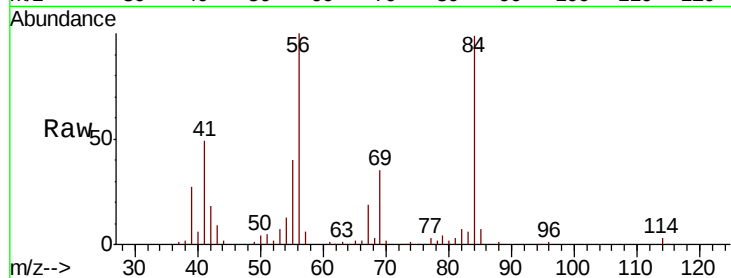
Tot Ion: 84 Resp: 155018

Ion Ratio Lower Upper

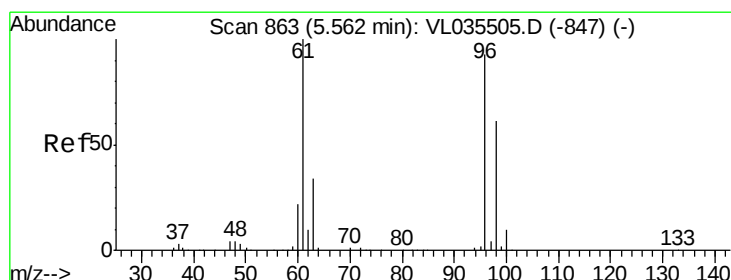
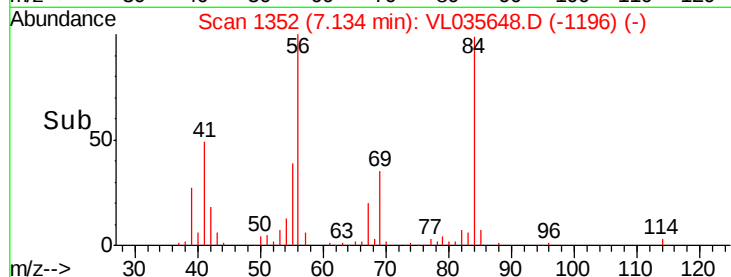
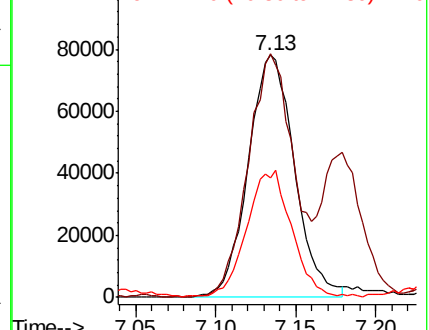
84 100

56 94.9 80.1 120.1

41 50.5 38.1 57.1



Abundance Ion 84.20 (83.90 to 84.90): VL0
Ion 56.10 (55.80 to 56.80): VL0
Ion 41.10 (40.80 to 41.80): VL0



#31

cis-1,2-Dichloroethene

Concen: 0.085 ppbv

RT: 5.55 min Scan# 860

Delta R.T. 0.01 min

Lab File: VL035648.D

Acq: 17 Sep 2020 4:13

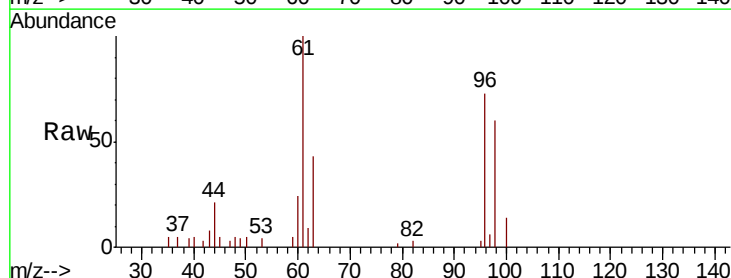
Tgt Ion: 61 Resp: 12684

Ion Ratio Lower Upper

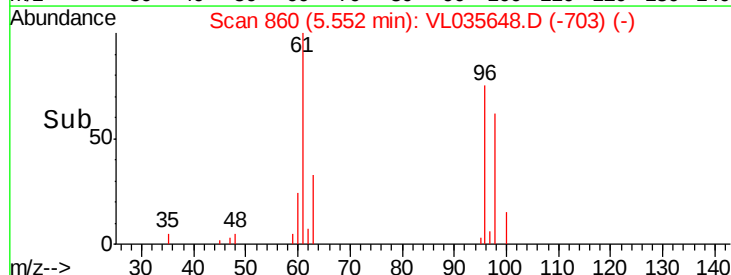
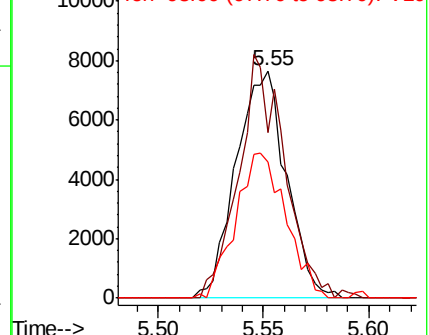
61 100

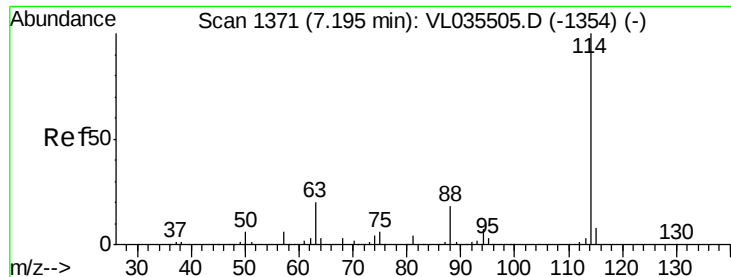
96 72.9 74.4 111.6#

98 59.9 49.2 73.8



Abundance Ion 61.10 (60.80 to 61.80): VL0
Ion 96.00 (95.70 to 96.70): VL0
Ion 98.00 (97.70 to 98.70): VL0

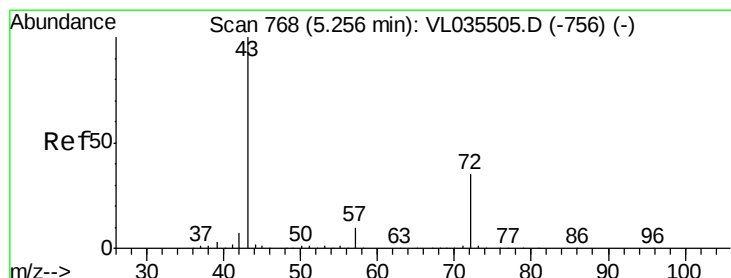
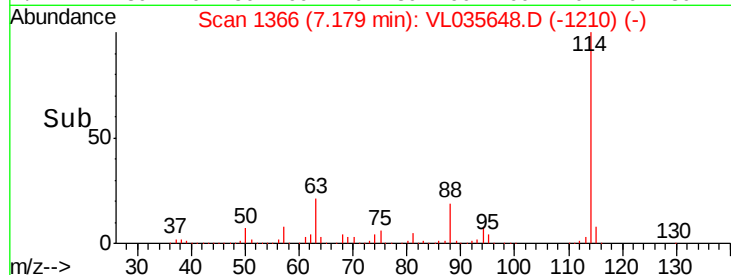
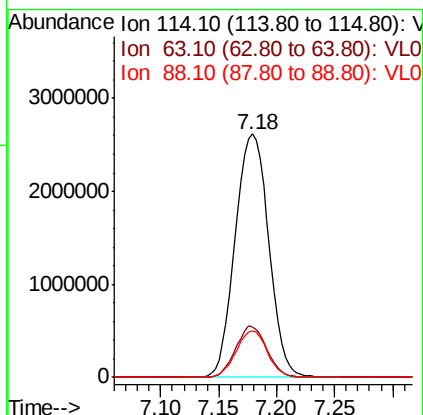
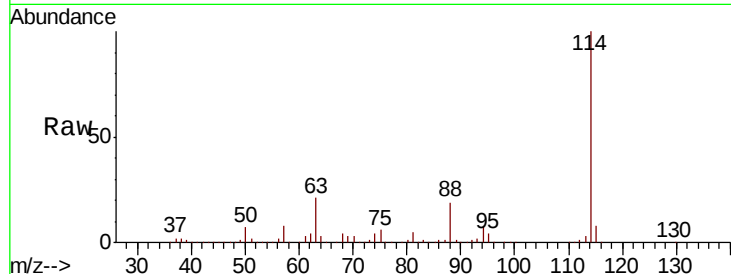




#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.18 min Scan# 1366
 Delta R.T. 0.00 min
 Lab File: VL035648.D
 Acq: 17 Sep 2020 4:13

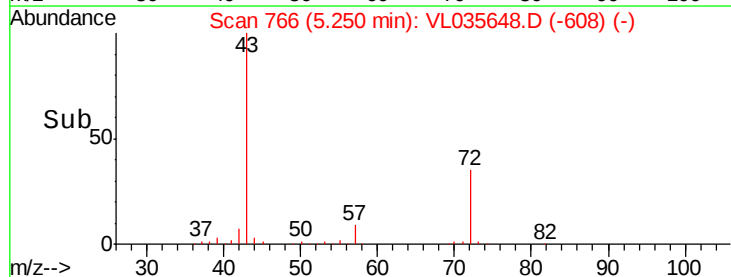
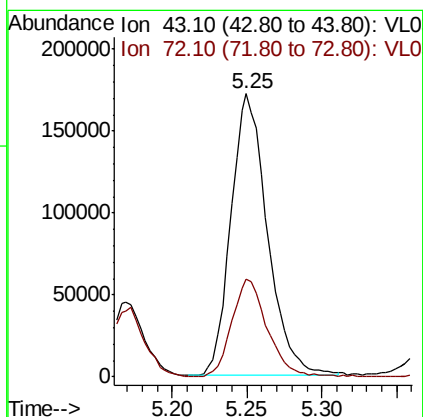
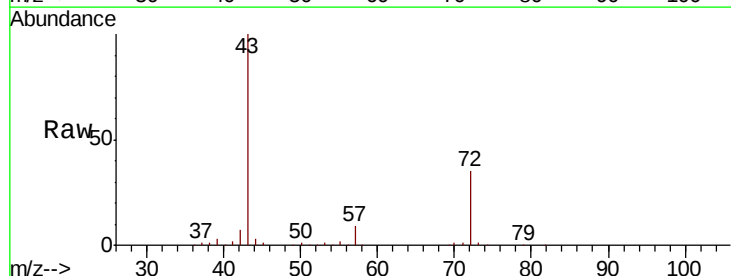
Instrument :
 MSVOA_L
 ClientSampleId :
 SV-14DL

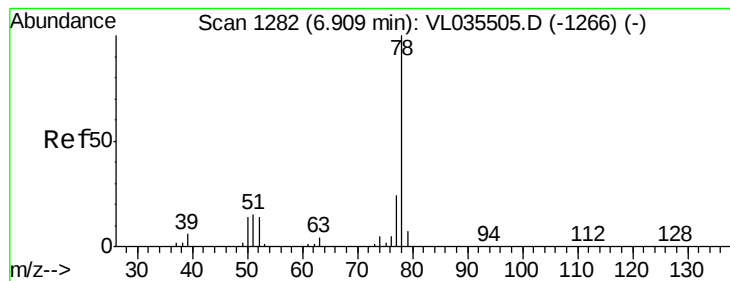
Tot Ion:114 Resp: 5262745
 Ion Ratio Lower Upper
 114 100
 63 19.6 14.7 22.1
 88 17.8 13.4 20.2



#34
 2-Butanone
 Concen: 1.867 ppbv
 RT: 5.25 min Scan# 766
 Delta R.T. 0.01 min
 Lab File: VL035648.D
 Acq: 17 Sep 2020 4:13

Tgt Ion: 43 Resp: 291563
 Ion Ratio Lower Upper
 43 100
 72 34.2 27.7 41.5





#36

Benzene

Concen: 0.098 ppbv

RT: 6.89 min Scan# 1277

Delta R.T. -0.00 min

Lab File: VL035648.D

Acq: 17 Sep 2020 4:13

Instrument :

MSVOA_L

ClientSampleId :

SV-14DL

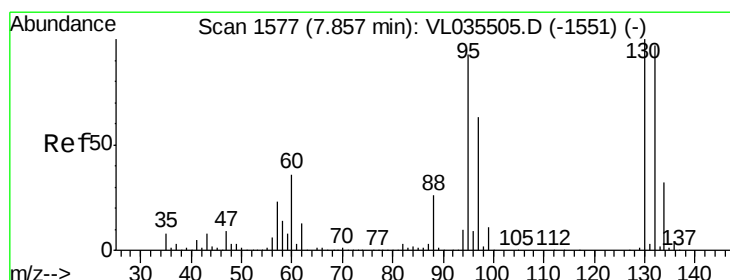
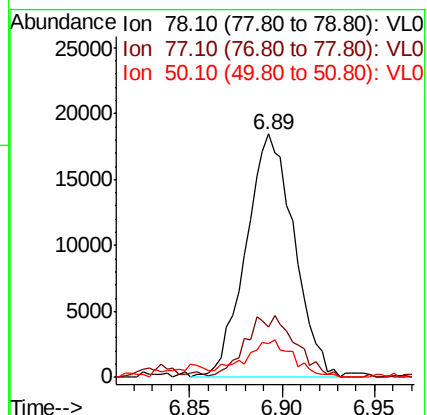
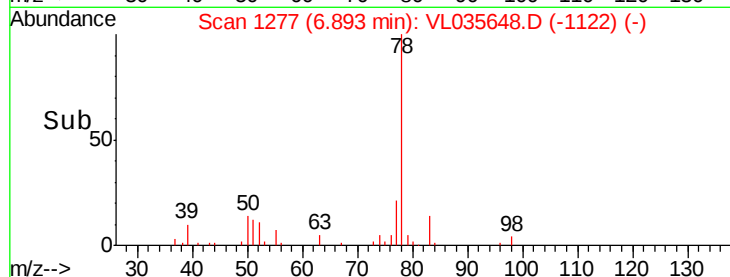
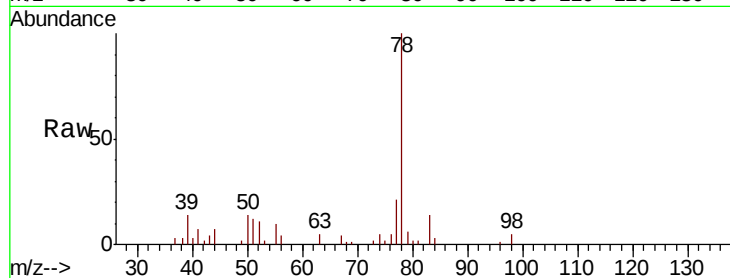
Tot Ion: 78 Resp: 33342

Ion Ratio Lower Upper

78 100

77 20.8 19.3 28.9

50 14.0 11.0 16.6



#38

Trichloroethene

Concen: 1.193 ppbv

RT: 7.84 min Scan# 1572

Delta R.T. 0.00 min

Lab File: VL035648.D

Acq: 17 Sep 2020 4:13

Tgt Ion: 130 Resp: 236144

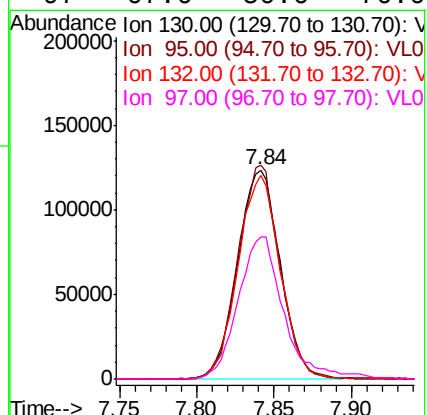
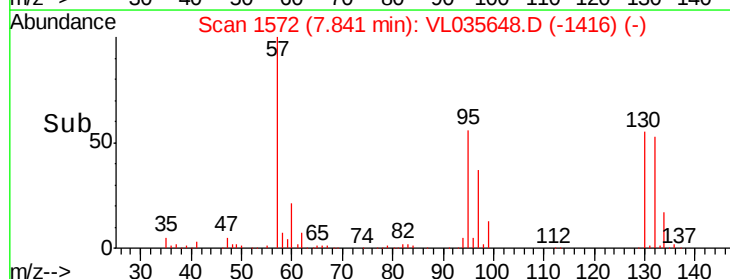
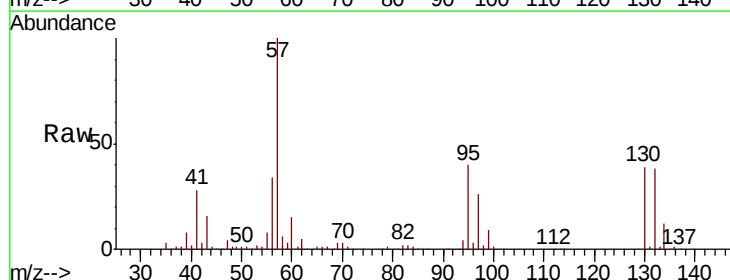
Ion Ratio Lower Upper

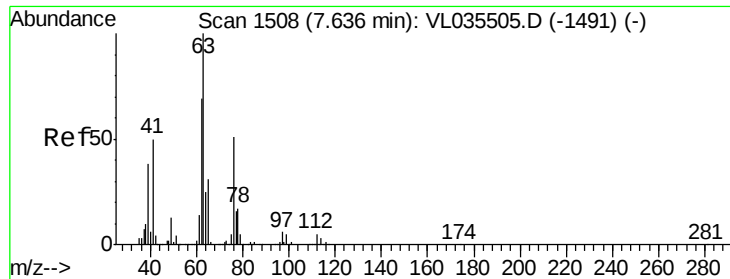
130 100

95 101.6 74.6 112.0

132 97.0 77.6 116.4

97 67.6 50.6 76.0





#39

1,2-Dichloropropane

Concen: 0.160 ppbv

RT: 7.88 min Scan# 1583

Delta R.T. 0.26 min

Lab File: VL035648.D

Acq: 17 Sep 2020 4:13

Instrument :

MSVOA_L

ClientSampleId :

SV-14DL

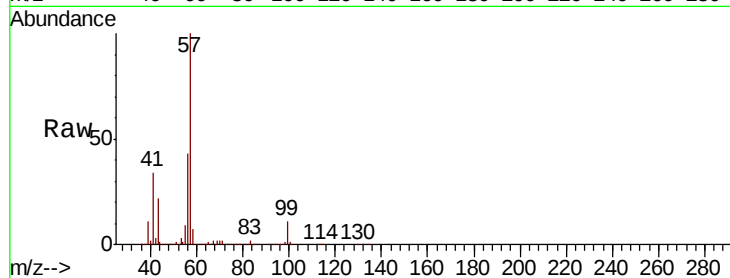
Tot Ion: 63 Resp: 18379

Ion Ratio Lower Upper

63 100

41 12766.9 40.0 60.0#

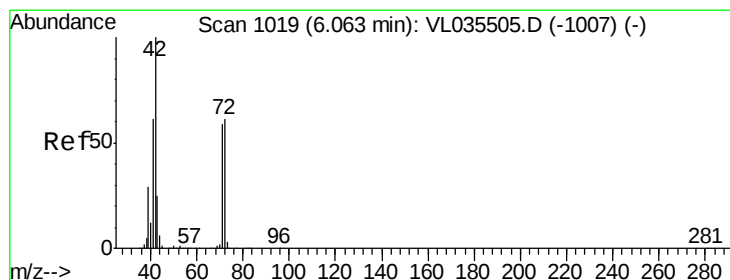
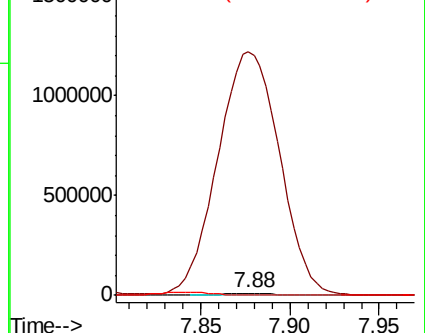
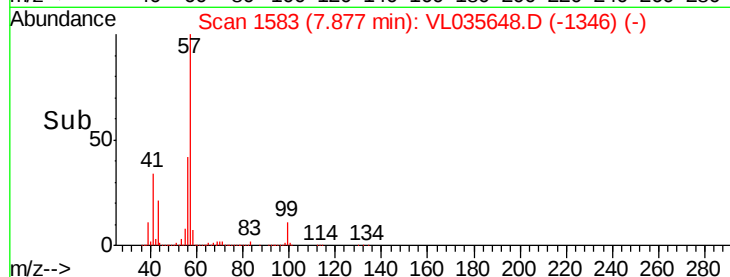
62 29.8 55.4 83.0#



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



#41

Tetrahydrofuran

Concen: 1.432 ppbv

RT: 6.35 min Scan# 1107

Delta R.T. 0.30 min

Lab File: VL035648.D

Acq: 17 Sep 2020 4:13

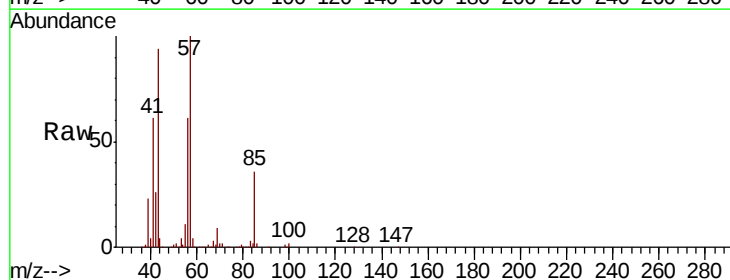
Tgt Ion: 42 Resp: 118607

Ion Ratio Lower Upper

42 100

72 0.4 48.6 73.0#

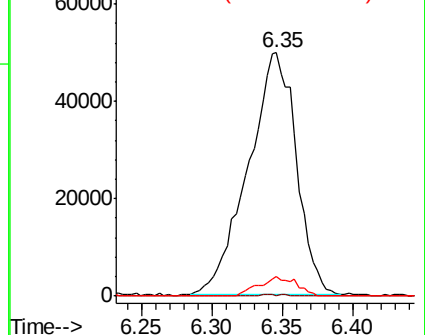
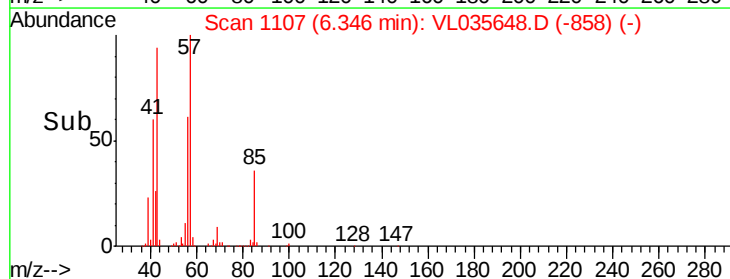
71 6.4 46.1 69.1#

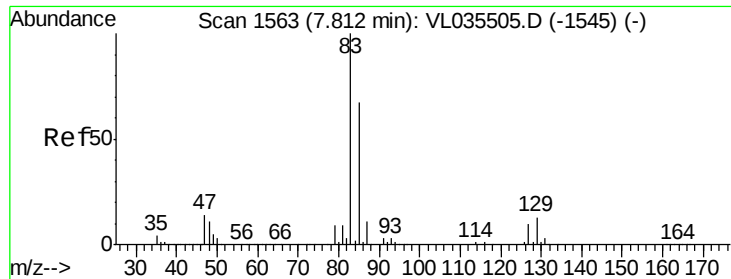


Abundance Ion 42.10 (41.80 to 42.80): VL0

Ion 72.10 (71.80 to 72.80): VL0

Ion 71.10 (70.80 to 71.80): VL0





#42

Bromodichloromethane

Concen: 0.078 ppbv

RT: 7.80 min Scan# 1559

Delta R.T. 0.00 min

Lab File: VL035648.D

Acq: 17 Sep 2020 4:13

Instrument :

MSVOA_L

ClientSampleId :

SV-14DL

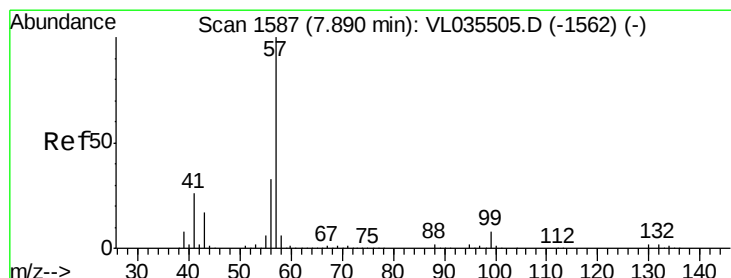
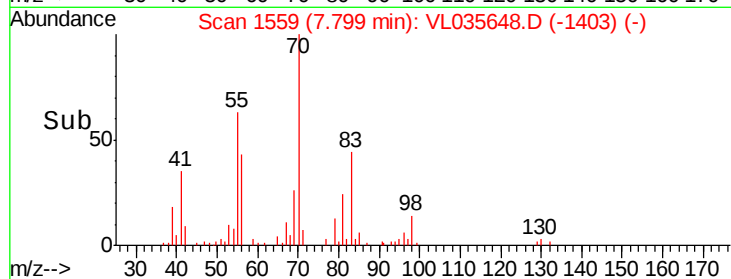
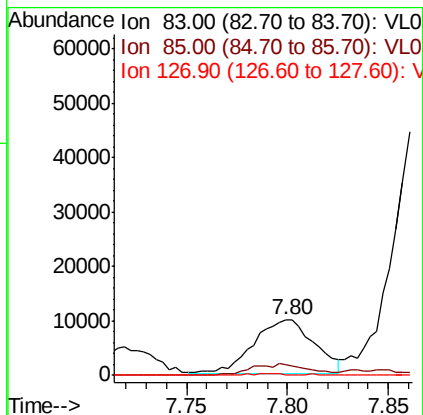
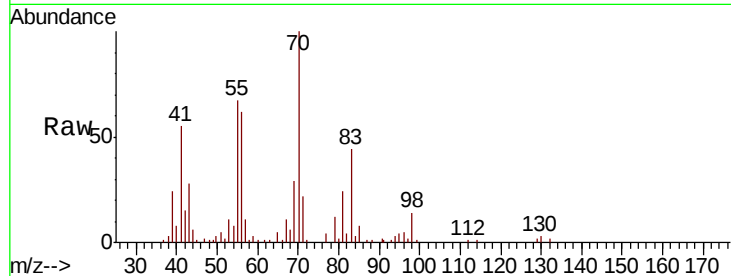
Tot Ion: 83 Resp: 20598

Ion Ratio Lower Upper

83 100

85 19.4 53.7 80.5#

127 0.0 8.1 12.1#



#44

2,2,4-Trimethylpentane

Concen: 21.271 ppbv

RT: 7.88 min Scan# 1583

Delta R.T. 0.01 min

Lab File: VL035648.D

Acq: 17 Sep 2020 4:13

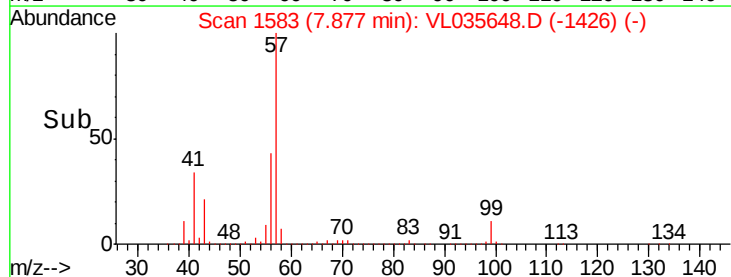
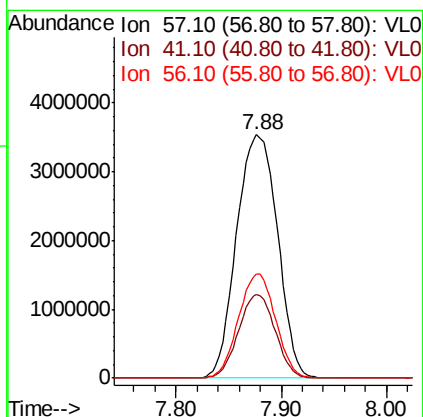
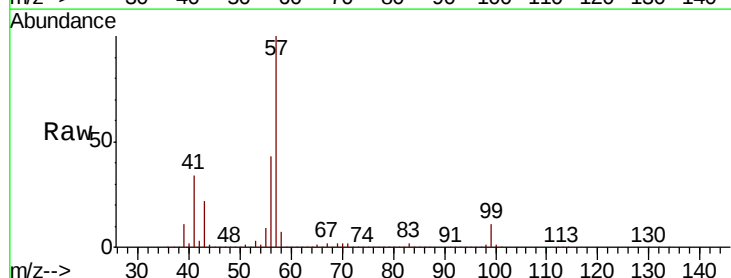
Tgt Ion: 57 Resp: 9534668

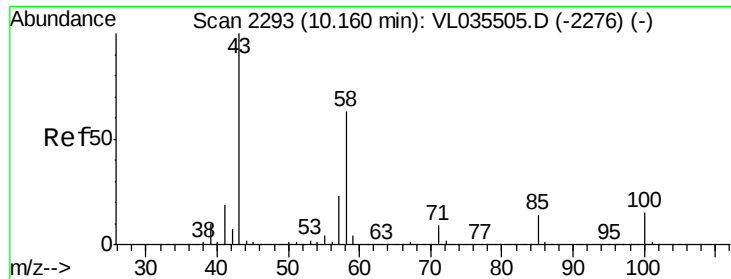
Ion Ratio Lower Upper

57 100

41 30.8 20.5 30.7#

56 38.8 25.3 37.9#

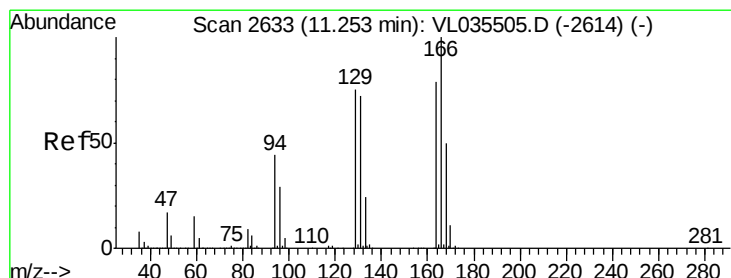
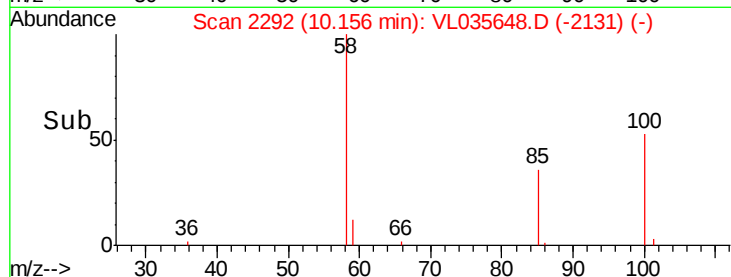
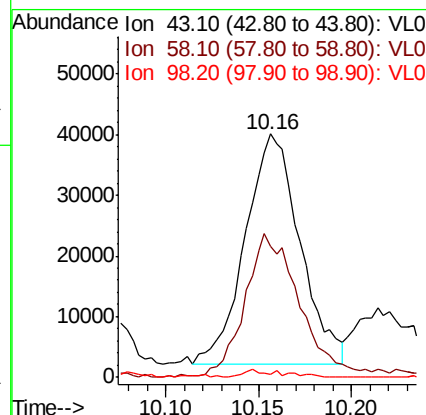
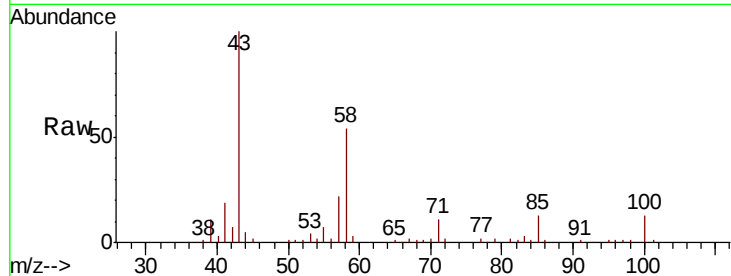




#51
2-Hexanone
Concen: 0.418 ppbv
RT: 10.16 min Scan# 2292
Delta R.T. 0.02 min
Lab File: VL035648.D
Acq: 17 Sep 2020 4:13

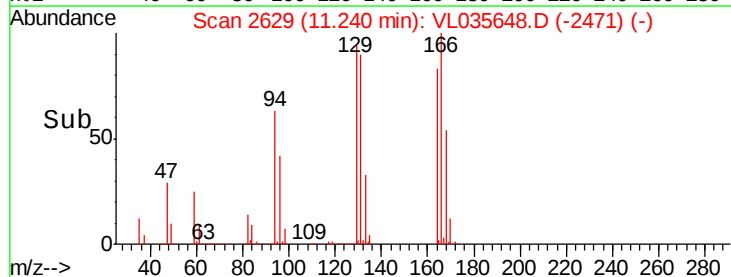
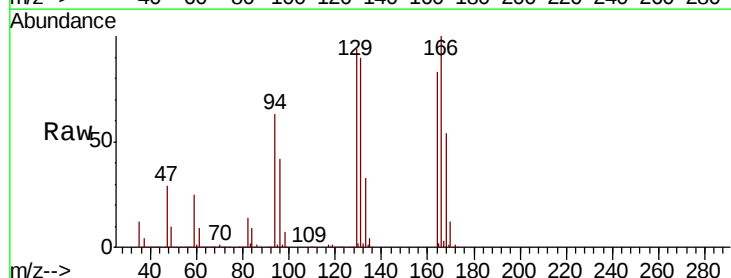
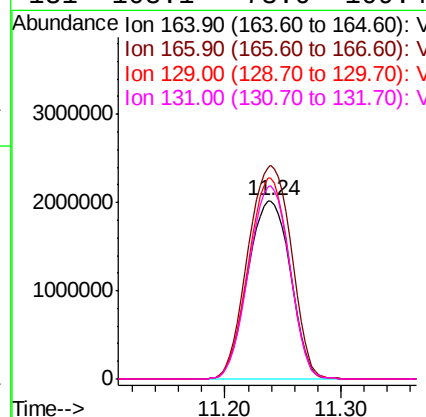
Instrument :
MSVOA_L
ClientSampleId :
SV-14DL

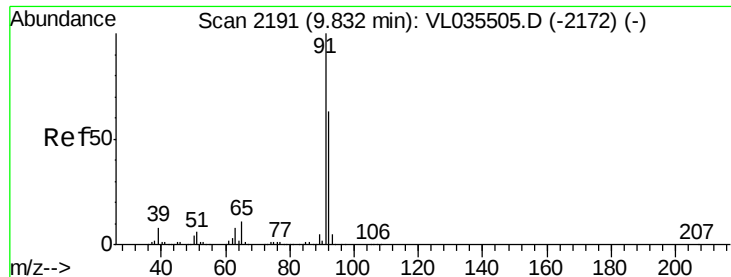
Tot Ion: 43 Resp: 77530
Ion Ratio Lower Upper
43 100
58 66.2 50.2 75.4
98 2.7 0.4 0.6#



#52
Tetrachloroethene
Concen: 25.999 ppbv
RT: 11.24 min Scan# 2629
Delta R.T. 0.01 min
Lab File: VL035648.D
Acq: 17 Sep 2020 4:13

Tgt Ion: 164 Resp: 5174175
Ion Ratio Lower Upper
164 100
166 119.8 100.9 151.3
129 112.7 75.3 112.9
131 108.1 73.0 109.4





#53

Toluene

Concen: 0.687 ppbv

RT: 9.82 min Scan# 2186

Delta R.T. 0.00 min

Lab File: VL035648.D

Acq: 17 Sep 2020 4:13

Instrument :

MSVOA_L

ClientSampleId :

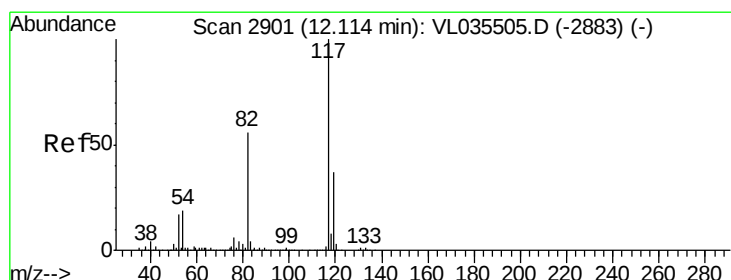
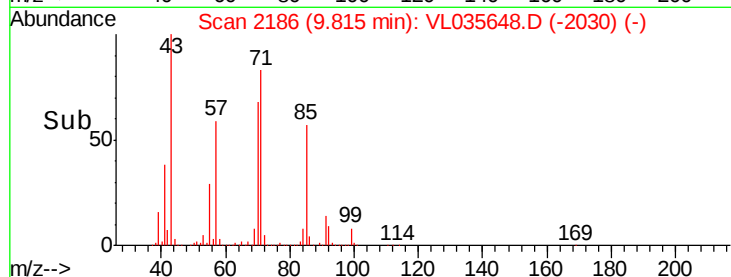
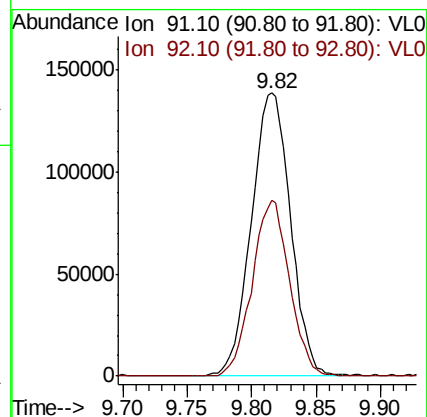
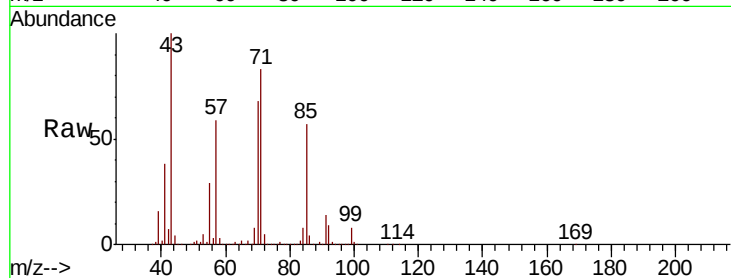
SV-14DL

Tot Ion: 91 Resp: 294272

Ion Ratio Lower Upper

91 100

92 59.1 49.8 74.8



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.10 min Scan# 2896

Delta R.T. 0.00 min

Lab File: VL035648.D

Acq: 17 Sep 2020 4:13

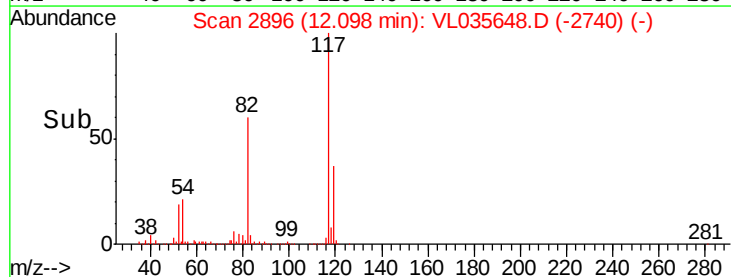
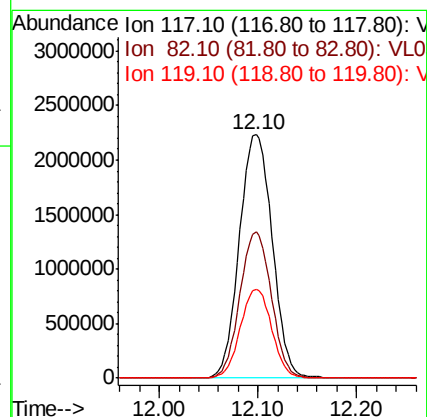
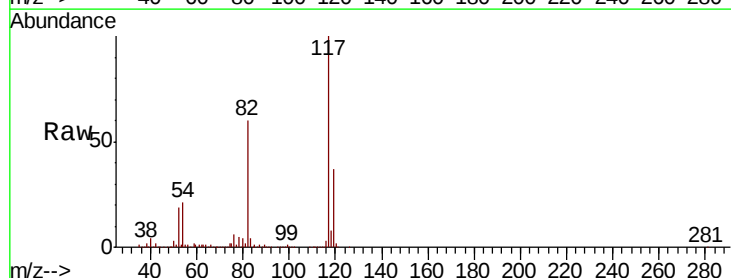
Tgt Ion: 117 Resp: 5173671

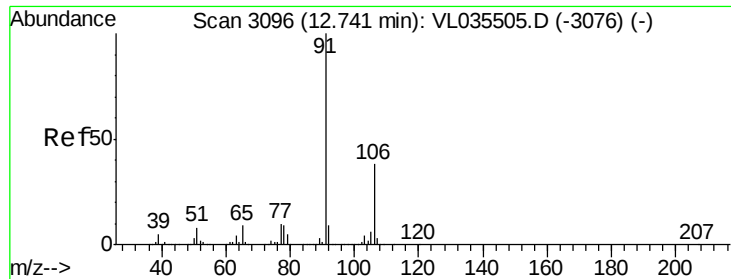
Ion Ratio Lower Upper

117 100

82 57.5 41.6 62.4

119 35.0 29.3 43.9





#58

Ethyl Benzene

Concen: 0.121 ppbv

RT: 12.72 min Scan# 3090

Delta R.T. -0.00 min

Lab File: VL035648.D

Acq: 17 Sep 2020 4:13

Instrument :

MSVOA_L

ClientSampleId :

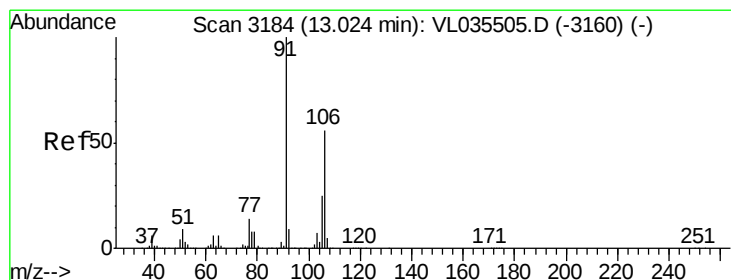
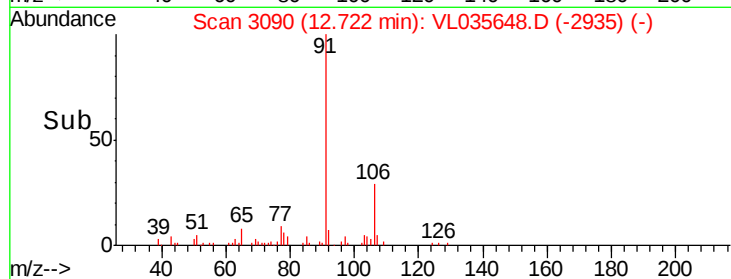
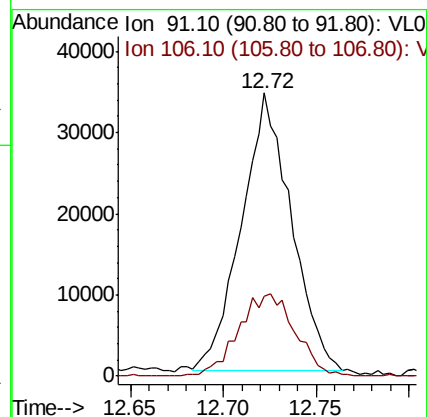
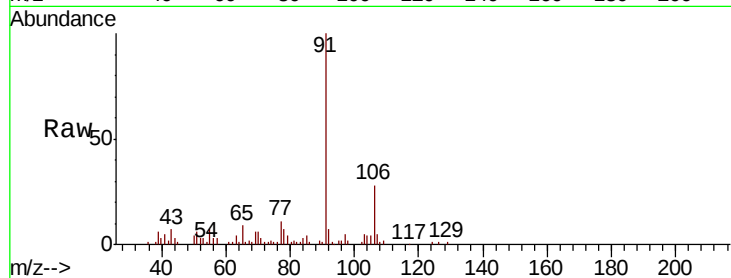
SV-14DL

Tot Ion: 91 Resp: 64305

Ion Ratio Lower Upper

91 100

106 28.2 30.3 45.5#



#59

m/p-Xylene

Concen: 0.094 ppbv

RT: 13.01 min Scan# 3179

Delta R.T. -0.00 min

Lab File: VL035648.D

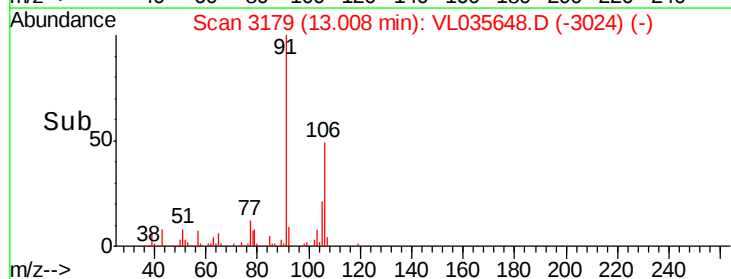
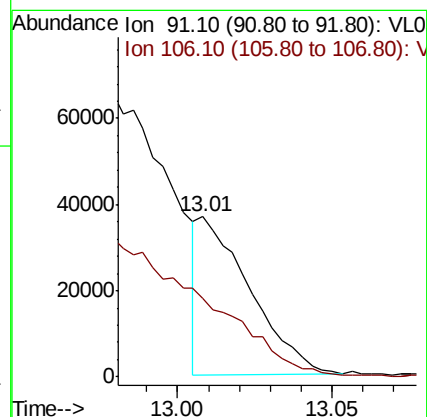
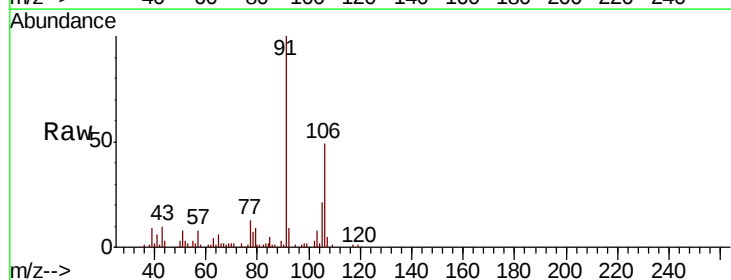
Acq: 17 Sep 2020 4:13

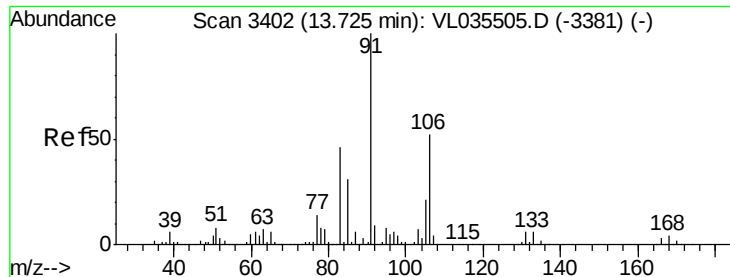
Tgt Ion: 91 Resp: 41942

Ion Ratio Lower Upper

91 100

106 0.0 43.4 65.2#

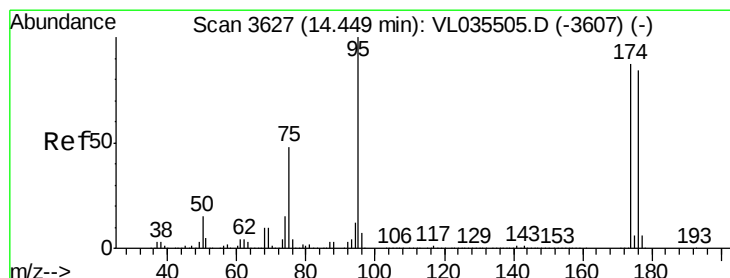
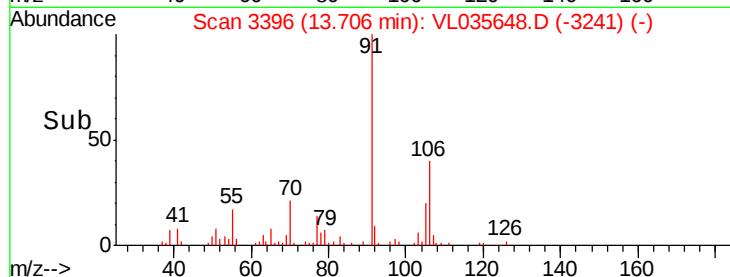
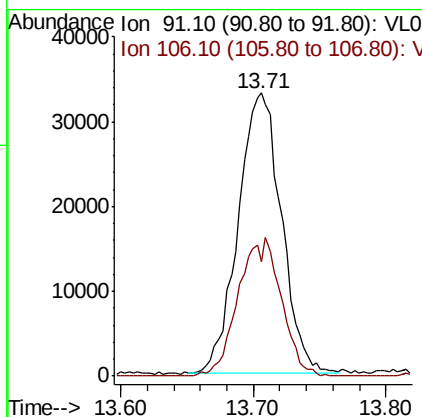
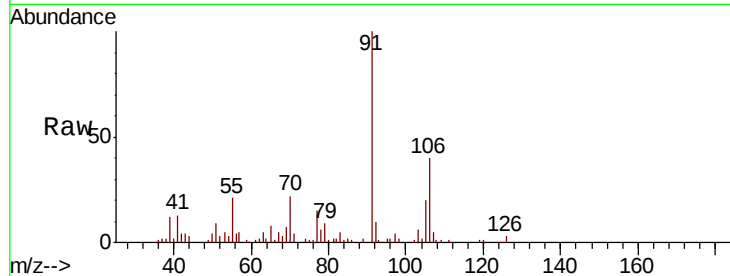




#60
o-Xylene
Concen: 0.165 ppbv
RT: 13.71 min Scan# 3396
Delta R.T. -0.00 min
Lab File: VL035648.D
Acq: 17 Sep 2020 4:13

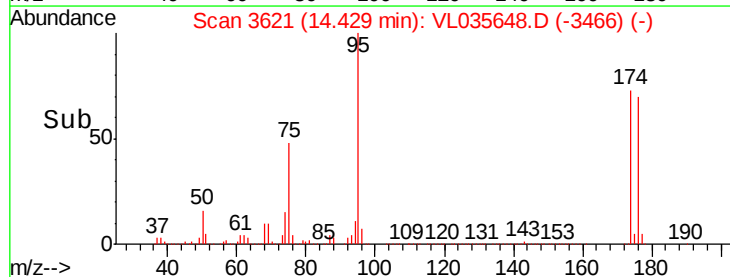
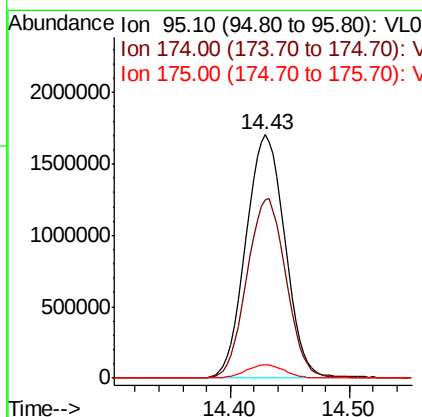
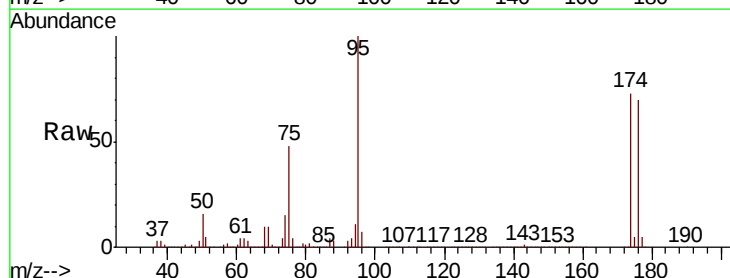
Instrument :
MSVOA_L
ClientSampleId :
SV-14DL

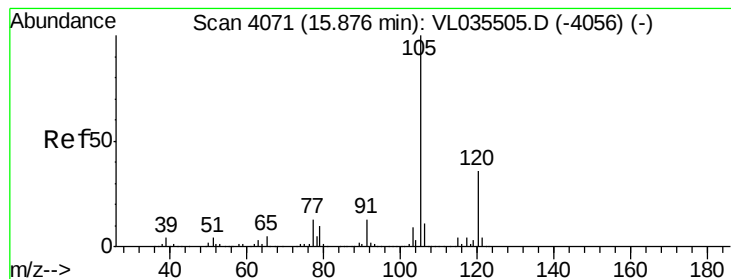
Tot Ion: 91 Resp: 74283
Ion Ratio Lower Upper
91 100
106 49.2 25.8 77.4



#68
1-Bromo-4-Fluorobenzene
Concen: 10.560 ppbv
RT: 14.43 min Scan# 3621
Delta R.T. -0.00 min
Lab File: VL035648.D
Acq: 17 Sep 2020 4:13

Tgt Ion: 95 Resp: 3879711
Ion Ratio Lower Upper
95 100
174 74.6 69.6 104.4
175 5.4 5.1 7.7





#72

4-Ethyltoluene

Concen: 0.040 ppbv

RT: 15.85 min Scan# 4064

Delta R.T. -0.00 min

Lab File: VL035648.D

Acq: 17 Sep 2020 4:13

Instrument :

MSVOA_L

ClientSampleId :

SV-14DL

Tot Ion:105 Resp: 22658

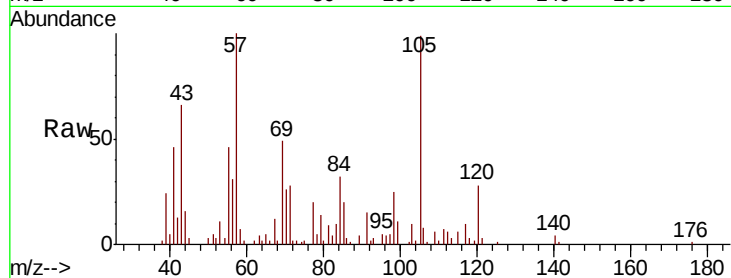
Ion Ratio Lower Upper

105 100

120 46.0 27.4 41.2#

91 22.0 9.7 14.5#

77 28.3 9.6 14.4#



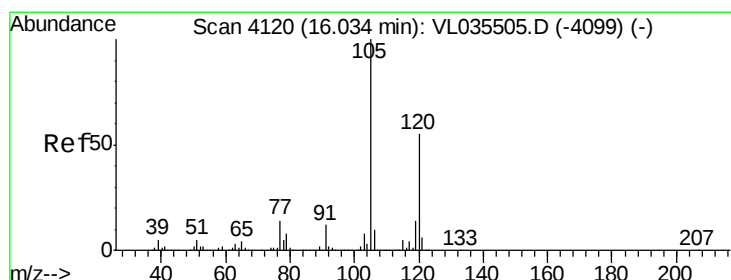
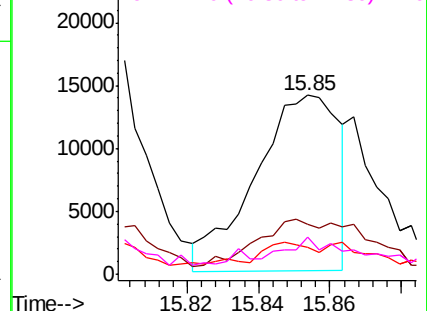
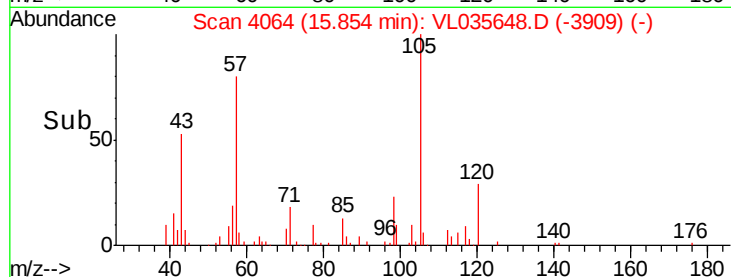
Abundance

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



#73

1,3,5-Trimethylbenzene

Concen: 0.037 ppbv

RT: 16.01 min Scan# 4114

Delta R.T. -0.00 min

Lab File: VL035648.D

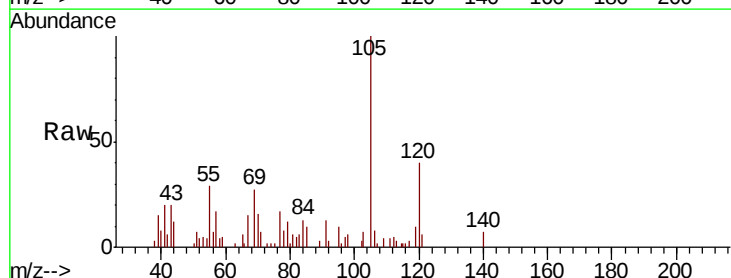
Acq: 17 Sep 2020 4:13

Tgt Ion:105 Resp: 19741

Ion Ratio Lower Upper

105 100

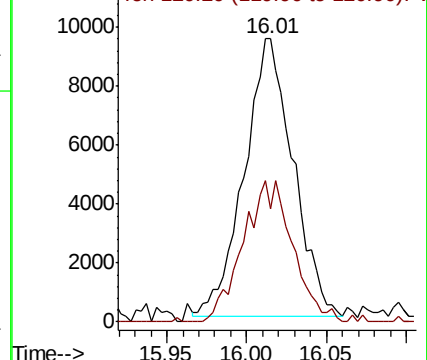
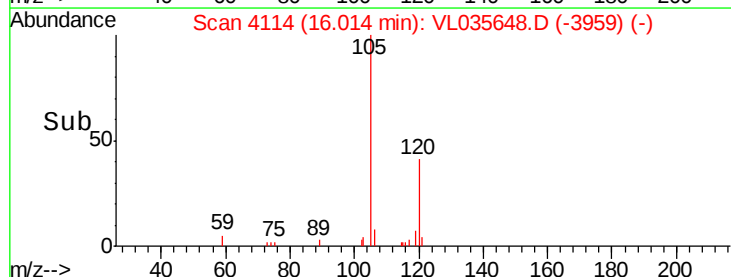
120 40.9 44.2 66.2#

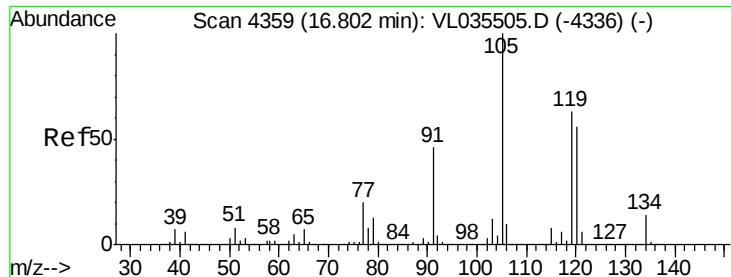


Abundance

Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V





#74
 1,2,4-Trimethylbenzene
 Concen: 0.131 ppbv
 RT: 16.78 min Scan# 4351
 Delta R.T. -0.00 min
 Lab File: VL035648.D
 Acq: 17 Sep 2020 4:13

Instrument :
 MSVOA_L
 ClientSampleId :
 SV-14DL

Tot Ion:	105	Resp:	75759
Ion	Ratio	Lower	Upper
105	100		
120	51.9	44.4	66.6
91	9.4	37.1	55.7#
77	12.6	16.0	24.0#

