

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL040621\
 Data File : VL036707.D
 Acq On : 6 Apr 2021 21:06
 Operator : SY/AP
 Sample : M1945-02 2X
 Misc : 400mL/MSVOA L
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV2

Quant Time: Apr 07 04:28:14 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL032521AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Mar 25 09:42:40 2021
 QLast Update : Thu Mar 25 09:42:40 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	1262482	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	3237061	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.09	117	2986357	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.42	95	2444884	10.27	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.70%

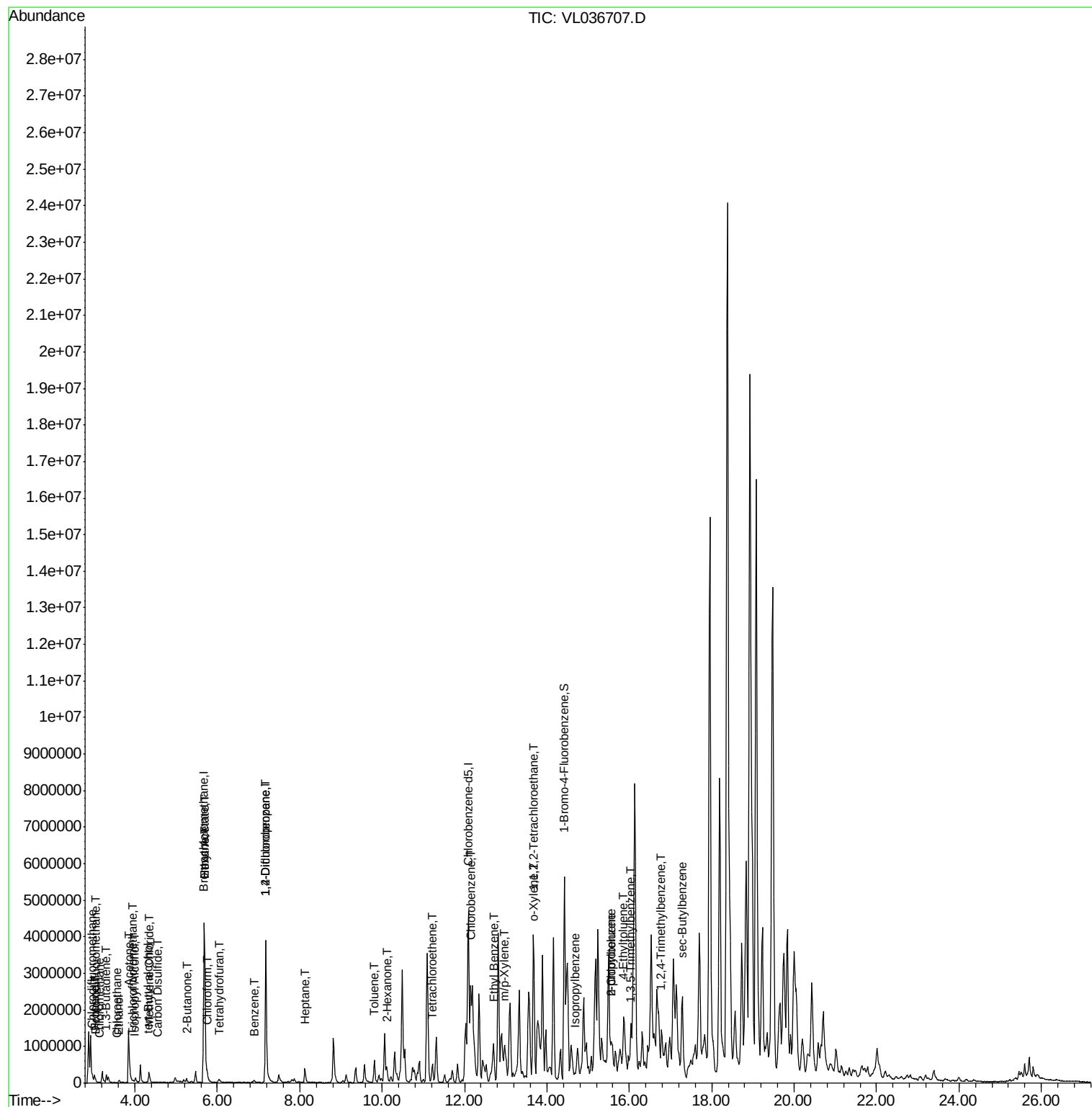
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.05	85	34023	0.165	ppbv	97
3) Chlorodifluoromethane	2.96	51	144152	0.611	ppbv #	60
4) Chloromethane	3.14	50	6339	0.076	ppbv	90
7) Chloroethane	3.55	64	987	0.034	ppbv	98
9) Propene	3.01	41	72788	0.968	ppbv	88
10) Heptane	8.13	43	156097	0.815	ppbv	100
11) Trichlorofluoromethane	3.95	101	21415	0.102	ppbv	98
13) Ethanol	3.61	45	84401	9.425	ppbv	94
15) Acetone	3.84	43	1982165	15.952	ppbv	99
16) 1,3-Butadiene	3.30	39	62662	0.724	ppbv #	30
17) tert-Butyl alcohol	4.32	59	19583	0.181	ppbv #	85
19) Isopropyl Alcohol	3.98	45	12224	0.179	ppbv #	89
20) Methylene Chloride	4.35	84	61517	1.057	ppbv #	90
25) Ethyl Acetate	5.69	43	1145653	3.878	ppbv #	77
26) Hexane	5.69	57	1604729	11.706	ppbv #	46
27) Carbon Disulfide	4.55	76	22500	0.167	ppbv #	68
29) Chloroform	5.75	83	114130	0.521	ppbv	88
34) 2-Butanone	5.25	43	129891	0.822	ppbv #	82
36) Benzene	6.89	78	49839	0.167	ppbv	92
39) 1,2-Dichloropropane	7.18	63	825173	6.814	ppbv #	23
41) Tetrahydrofuran	6.04	42	10090	0.138	ppbv #	67
51) 2-Hexanone	10.11	43	230156	1.995	ppbv #	37
52) Tetrachloroethene	11.23	164	4540	0.041	ppbv #	59
53) Toluene	9.81	91	476413	1.498	ppbv	98
57) Chlorobenzene	12.15	112	83860	0.330	ppbv #	41
58) Ethyl Benzene	12.72	91	271771	0.626	ppbv #	86
59) m/p-Xylene	12.97	91	596197	1.573	ppbv	91
60) o-Xylene	13.70	91	153399	0.419	ppbv #	51
62) Isopropylbenzene	14.68	105	47278	0.096	ppbv #	83
63) 1,1,2,2-Tetrachloroethane	13.67	83	133358	0.477	ppbv #	51
64) n-propylbenzene	15.56	120	4956	0.041	ppbv #	1
67) sec-Butylbenzene	17.30	105	27840	0.046	ppbv #	59
71) 2-Chlorotoluene	15.57	91	52305	0.141	ppbv	88
72) 4-Ethyltoluene	15.85	105	52428	0.131	ppbv #	49
73) 1,3,5-Trimethylbenzene	16.01	105	38071	0.102	ppbv	95
74) 1,2,4-Trimethylbenzene	16.77	105	104630	0.261	ppbv #	68

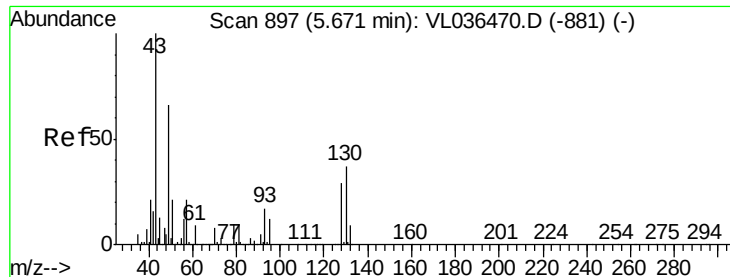
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Mar 25 09:42:40 2021
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.67 min Scan# 896

Delta R.T. -0.00 min

Lab File: VL036707.D

Acq: 6 Apr 2021 21:06

Instrument :

MSVOA_L

ClientSampleId :

SV2

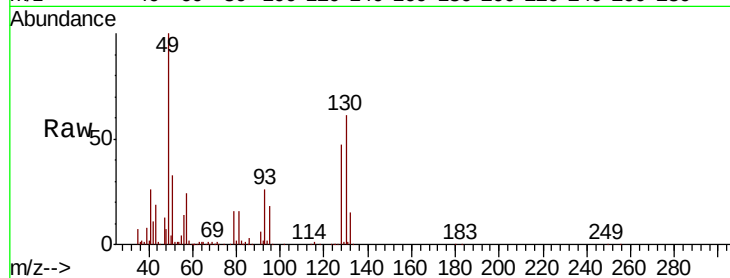
Tot Ion: 49 Resp: 1262482

Ion Ratio Lower Upper

49 100

128 47.7 23.5 70.6

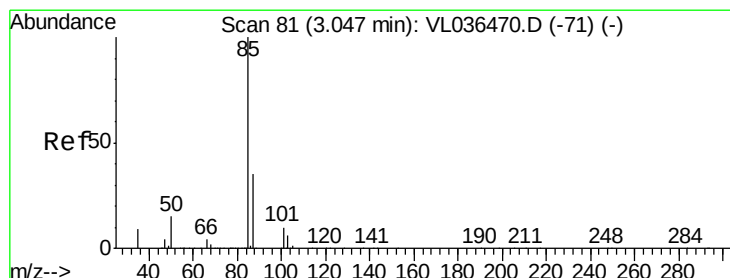
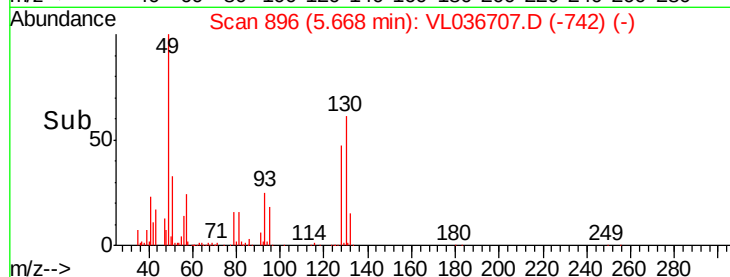
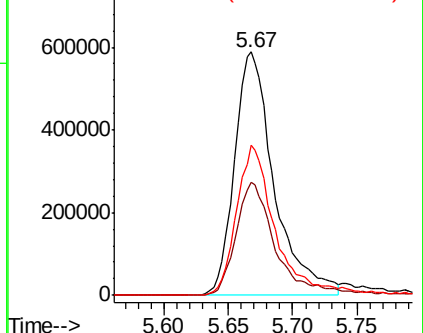
130 62.0 29.1 87.4



Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): VL0

Ion 130.00 (129.70 to 130.70): VL0



#2

Dichlorodifluoromethane

Concen: 0.165 ppbv

RT: 3.05 min Scan# 81

Delta R.T. -0.00 min

Lab File: VL036707.D

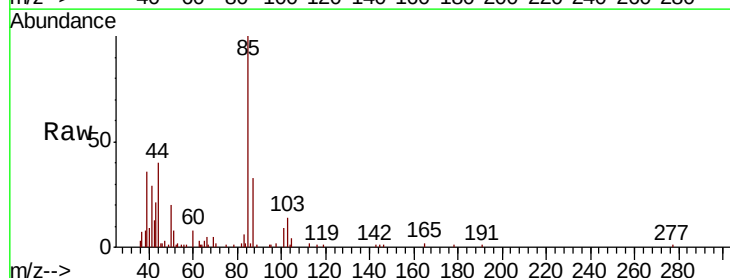
Acq: 6 Apr 2021 21:06

Tgt Ion: 85 Resp: 34023

Ion Ratio Lower Upper

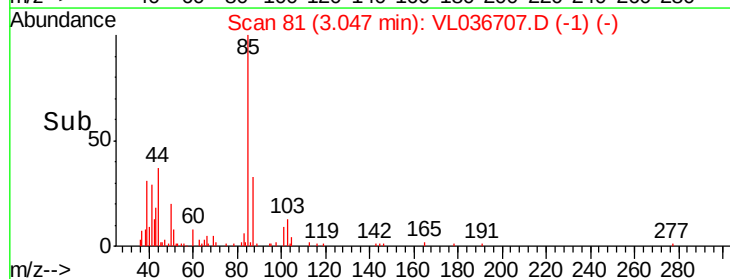
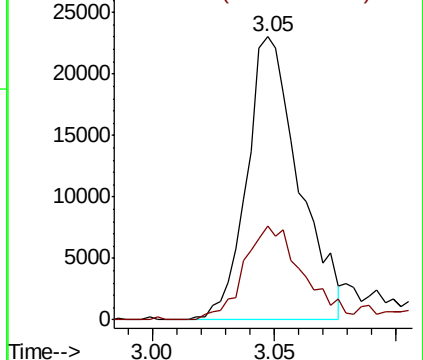
85 100

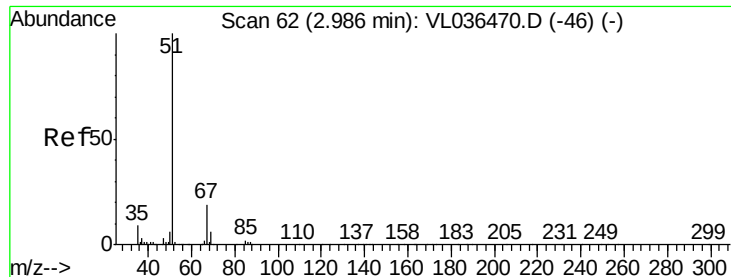
87 33.2 27.8 41.8



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0





#3

Chlorodifluoromethane

Concen: 0.611 ppbv

RT: 2.96 min Scan# 54

Delta R.T. -0.03 min

Lab File: VL036707.D

Acq: 6 Apr 2021 21:06

Instrument :

MSVOA_L

ClientSampleId :

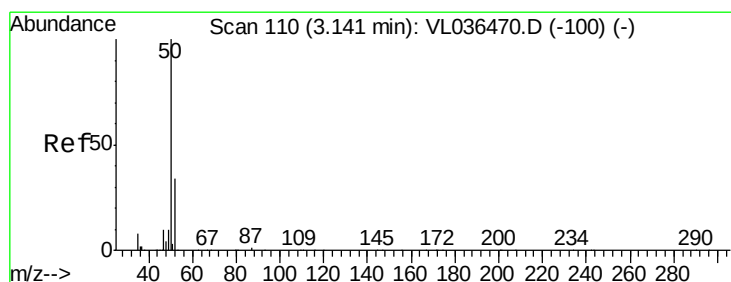
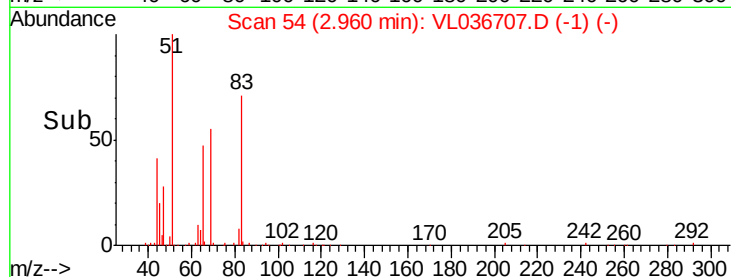
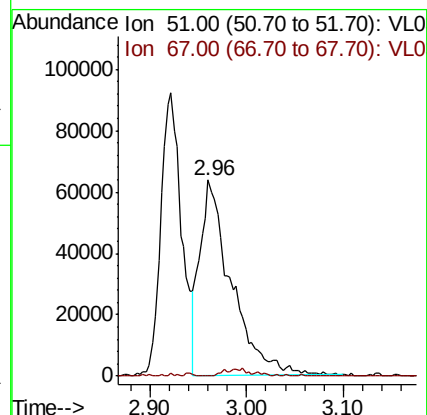
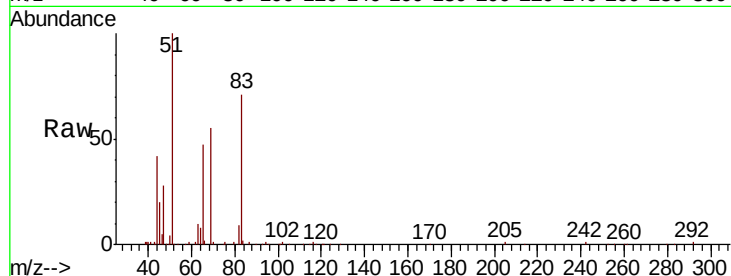
SV2

Tot Ion: 51 Resp: 144152

Ion Ratio Lower Upper

51 100

67 0.6 14.7 22.1#



#4

Chloromethane

Concen: 0.076 ppbv

RT: 3.14 min Scan# 110

Delta R.T. -0.00 min

Lab File: VL036707.D

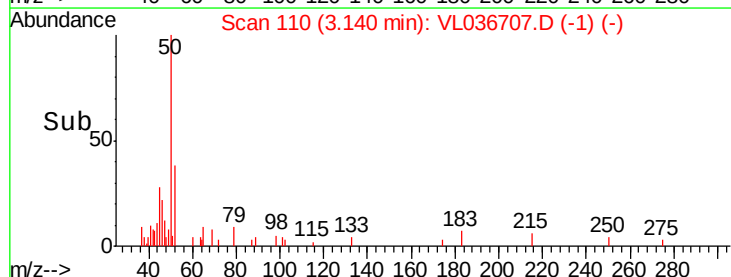
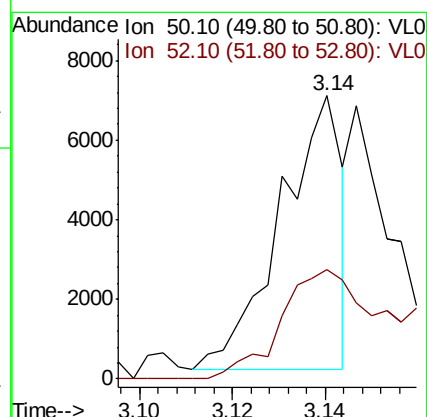
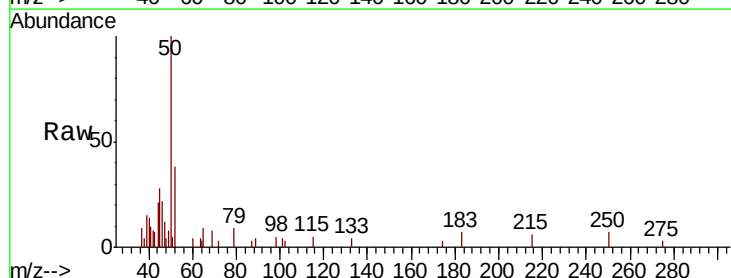
Acq: 6 Apr 2021 21:06

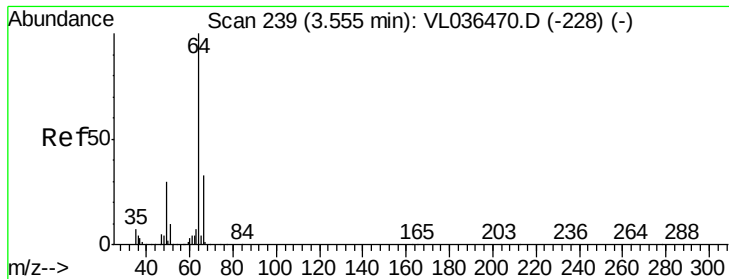
Tgt Ion: 50 Resp: 6339

Ion Ratio Lower Upper

50 100

52 39.7 27.0 40.6





#7

Chloroethane

Concen: 0.034 ppbv

RT: 3.55 min Scan# 238

Delta R.T. -0.00 min

Lab File: VL036707.D

Acq: 6 Apr 2021 21:06

Instrument :

MSVOA_L

ClientSampleId :

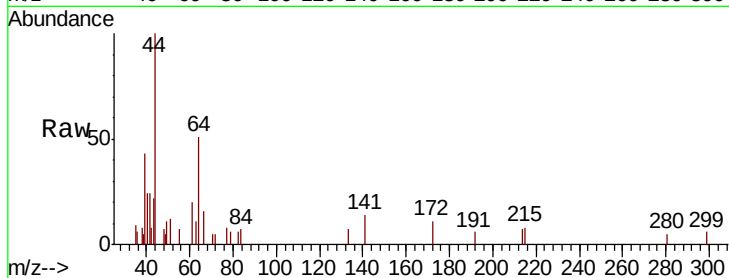
SV2

Tot Ion: 64 Resp: 987

Ion Ratio Lower Upper

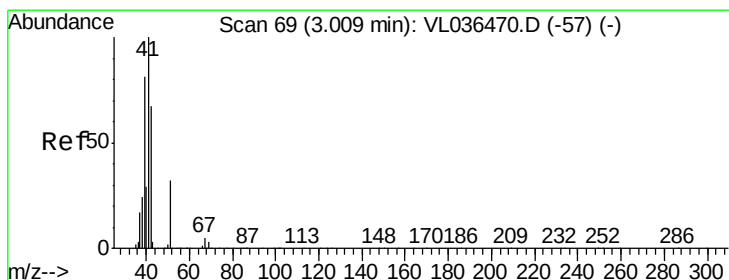
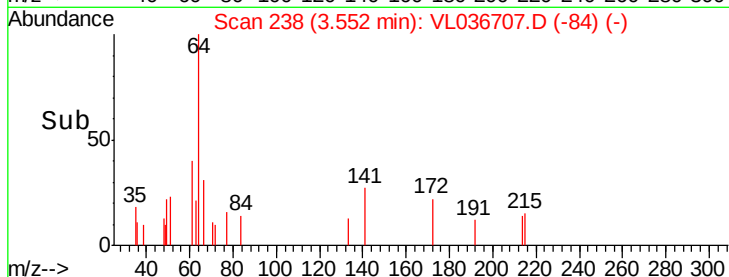
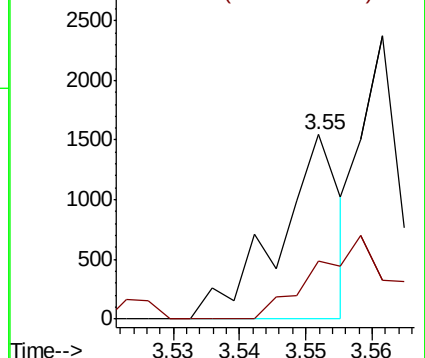
64 100

66 31.5 26.2 39.2



Abundance Ion 64.10 (63.80 to 64.80): VL0

Ion 66.10 (65.80 to 66.80): VL0



#9

Propene

Concen: 0.968 ppbv

RT: 3.01 min Scan# 71

Delta R.T. 0.01 min

Lab File: VL036707.D

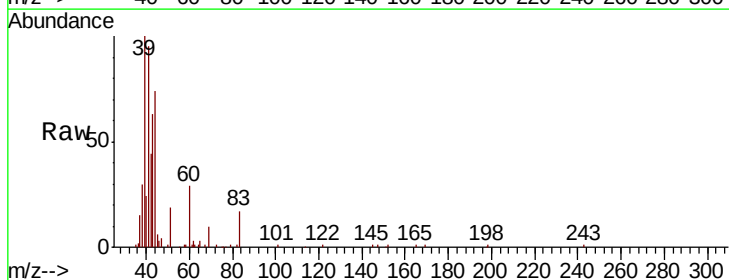
Acq: 6 Apr 2021 21:06

Tgt Ion: 41 Resp: 72788

Ion Ratio Lower Upper

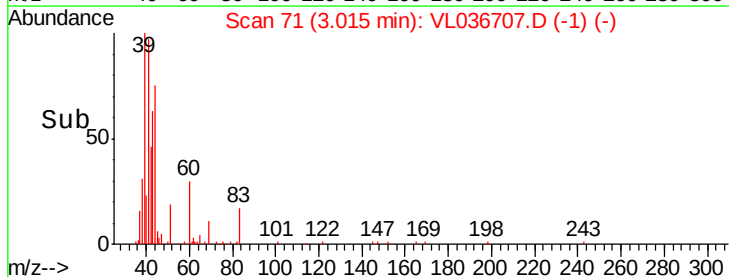
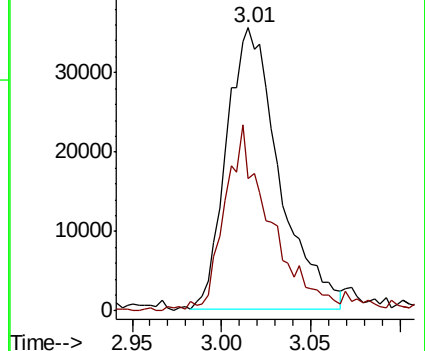
41 100

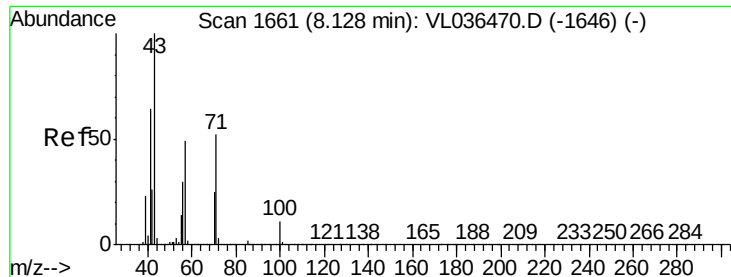
42 60.9 57.0 85.4



Abundance Ion 41.10 (40.80 to 41.80): VL0

Ion 42.10 (41.80 to 42.80): VL0

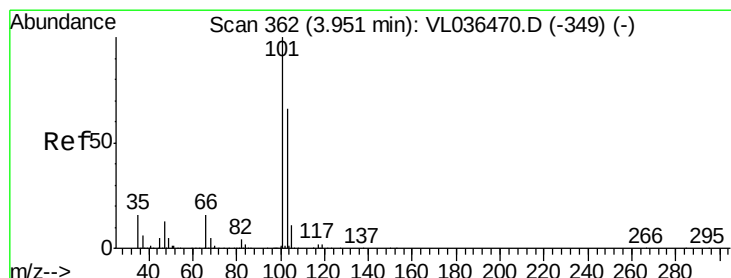
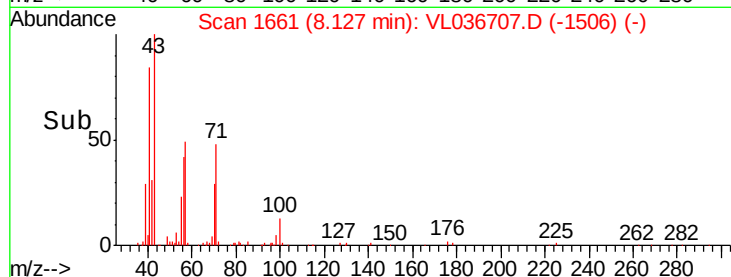
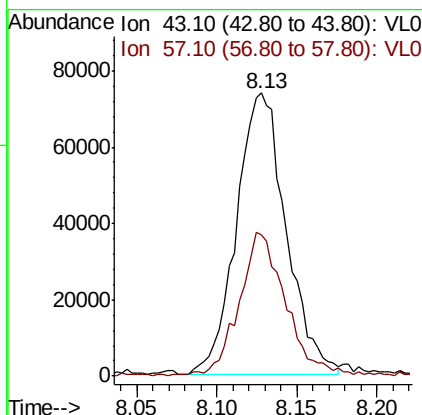
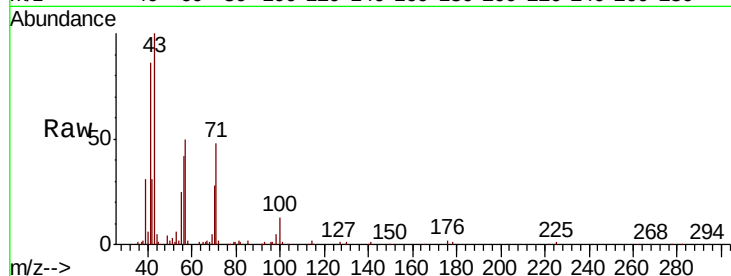




#10
 Heptane
 Concen: 0.815 ppbv
 RT: 8.13 min Scan# 1661
 Delta R.T. -0.00 min
 Lab File: VL036707.D
 Acq: 6 Apr 2021 21:06

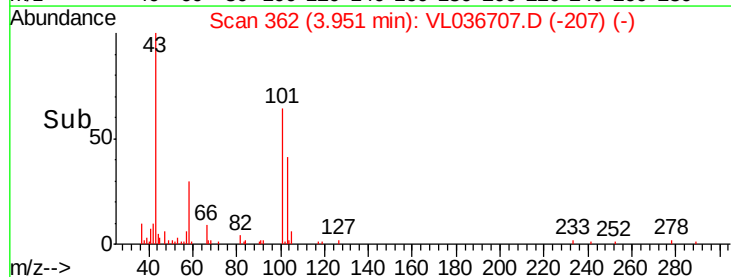
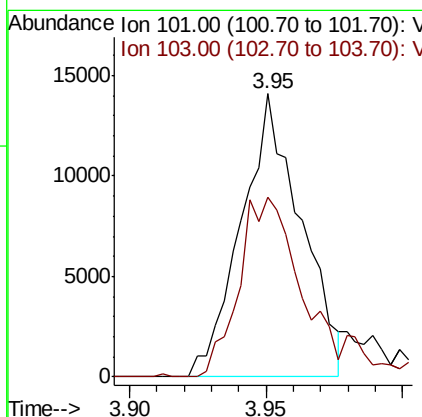
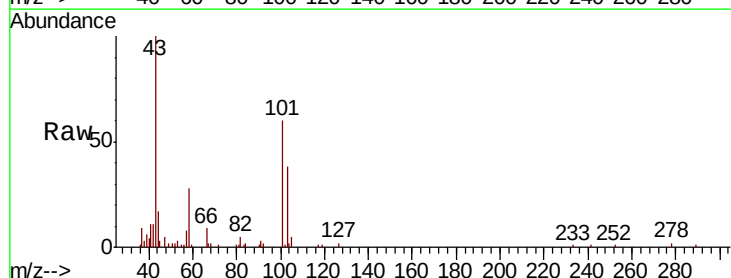
Instrument :
 MSVOA_L
 ClientSampleId :
 SV2

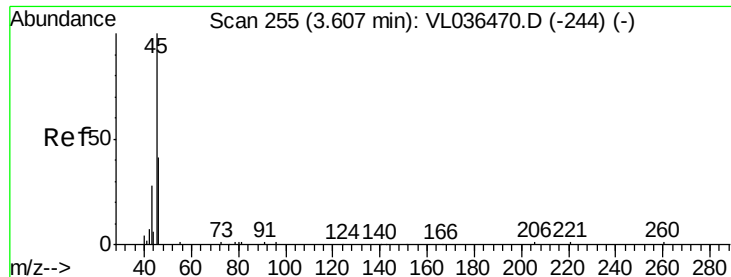
Tot Ion: 43 Resp: 156097
 Ion Ratio Lower Upper
 43 100
 57 48.6 39.0 58.6



#11
 Trichlorofluoromethane
 Concen: 0.102 ppbv
 RT: 3.95 min Scan# 362
 Delta R.T. -0.00 min
 Lab File: VL036707.D
 Acq: 6 Apr 2021 21:06

Tgt Ion: 101 Resp: 21415
 Ion Ratio Lower Upper
 101 100
 103 63.7 52.5 78.7

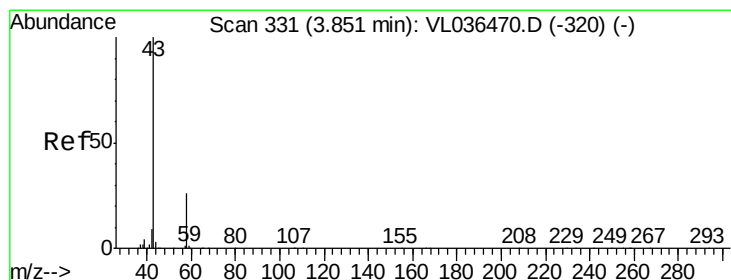
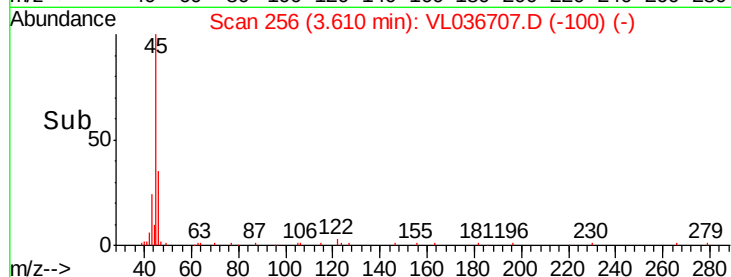
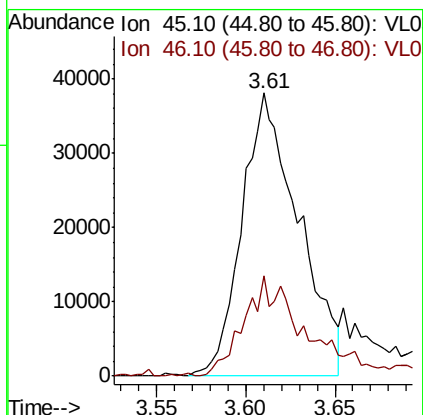
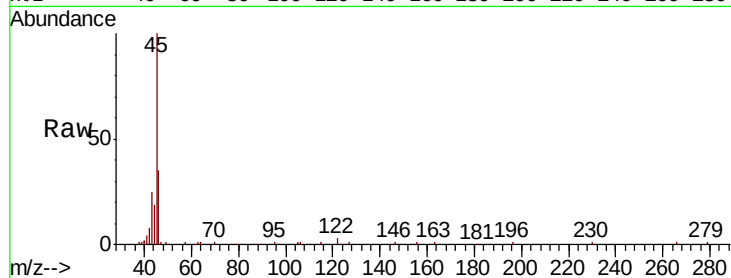




#13
Ethanol
Concen: 9.425 ppbv
RT: 3.61 min Scan# 256
Delta R.T. 0.00 min
Lab File: VL036707.D
Acq: 6 Apr 2021 21:06

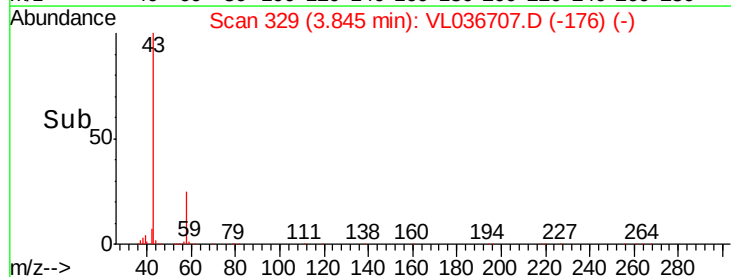
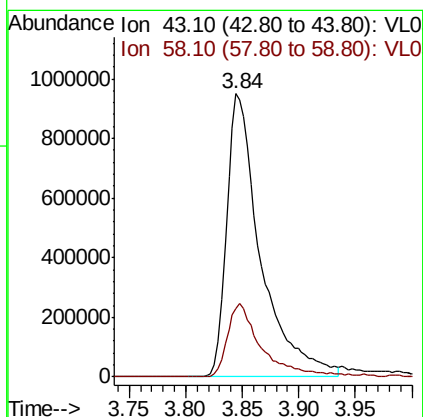
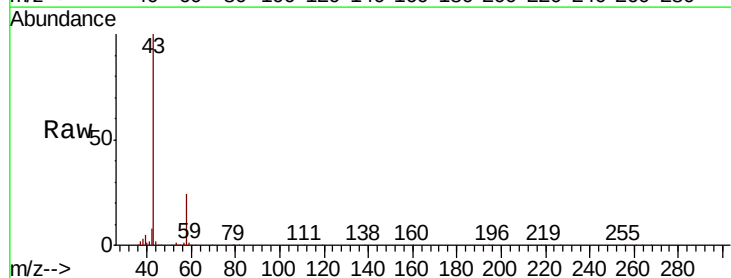
Instrument :
MSVOA_L
ClientSampleId :
SV2

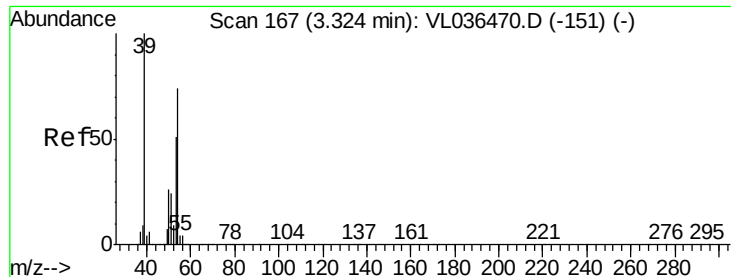
Tot Ion: 45 Resp: 84401
Ion Ratio Lower Upper
45 100
46 37.5 16.6 66.2



#15
Acetone
Concen: 15.952 ppbv
RT: 3.84 min Scan# 329
Delta R.T. -0.01 min
Lab File: VL036707.D
Acq: 6 Apr 2021 21:06

Tgt Ion: 43 Resp: 1982165
Ion Ratio Lower Upper
43 100
58 27.3 21.2 31.8





#16

1,3-Butadiene

Concen: 0.724 ppbv

RT: 3.30 min Scan# 161

Delta R.T. -0.02 min

Lab File: VL036707.D

Acq: 6 Apr 2021 21:06

Instrument :

MSVOA_L

ClientSampleId :

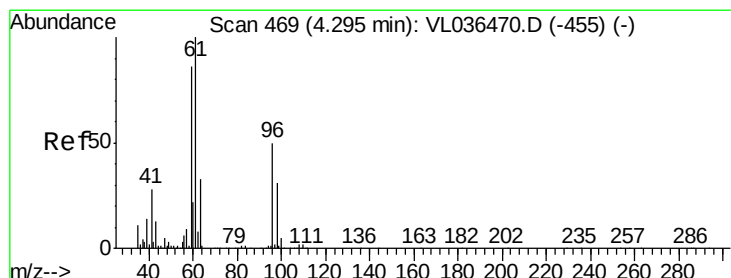
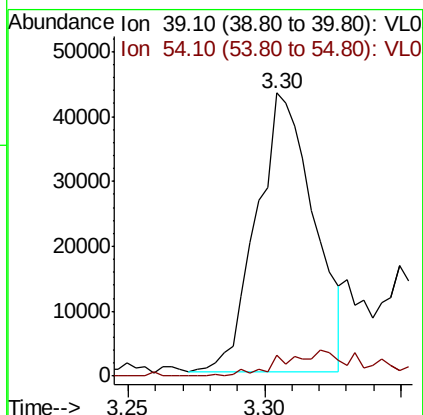
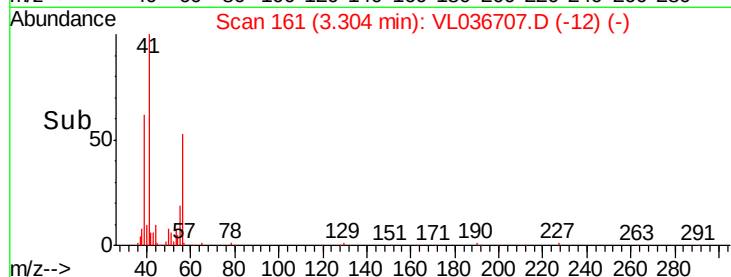
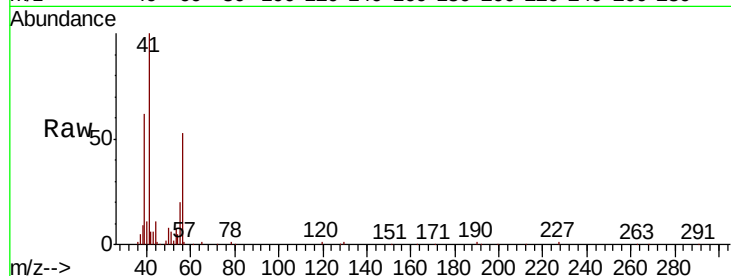
SV2

Tot Ion: 39 Resp: 62662

Ion Ratio Lower Upper

39 100

54 14.5 58.8 88.2#



#17

tert-Butyl alcohol

Concen: 0.181 ppbv

RT: 4.32 min Scan# 477

Delta R.T. 0.03 min

Lab File: VL036707.D

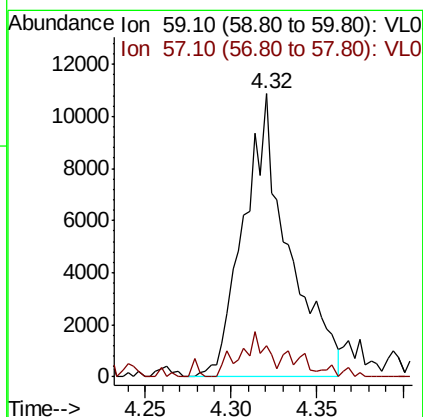
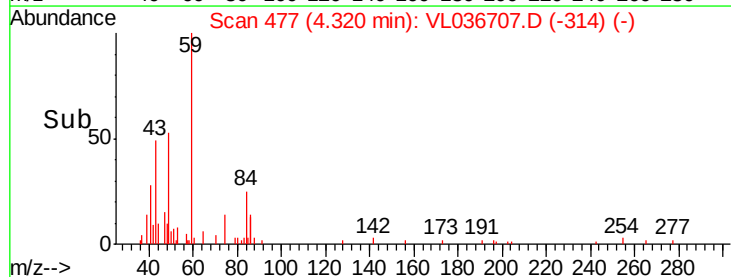
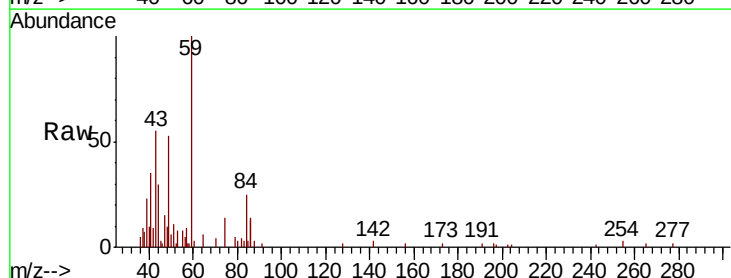
Acq: 6 Apr 2021 21:06

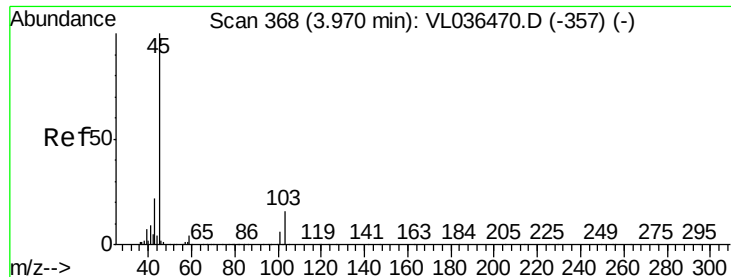
Tgt Ion: 59 Resp: 19583

Ion Ratio Lower Upper

59 100

57 16.2 8.6 12.8#





#19

Isopropyl Alcohol

Concen: 0.179 ppbv

RT: 3.98 min Scan# 371

Delta R.T. 0.01 min

Lab File: VL036707.D

Acq: 6 Apr 2021 21:06

Instrument :

MSVOA_L

ClientSampleId :

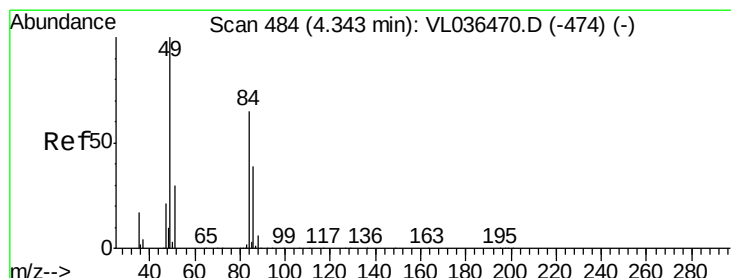
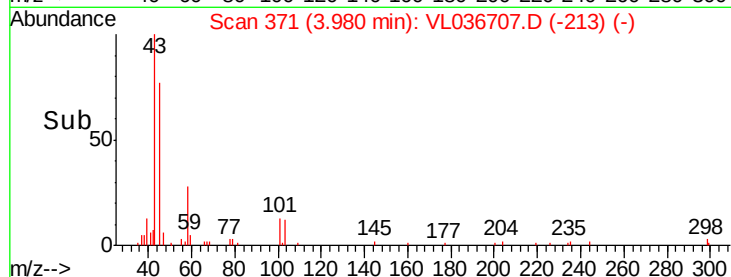
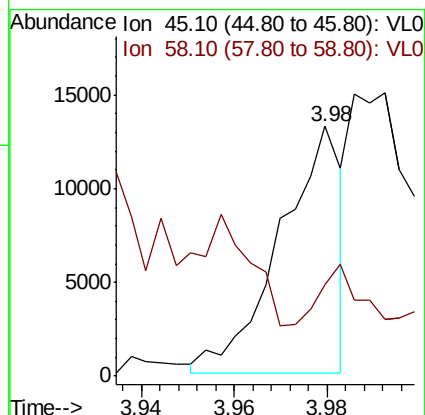
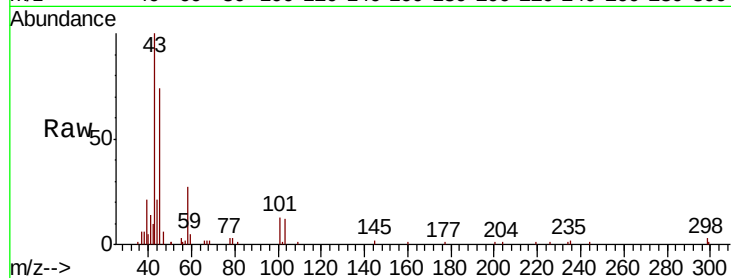
SV2

Tot Ion: 45 Resp: 12224

Ion Ratio Lower Upper

45 100

58 0.0 2.9 4.3#



#20

Methylene Chloride

Concen: 1.057 ppbv

RT: 4.35 min Scan# 485

Delta R.T. 0.00 min

Lab File: VL036707.D

Acq: 6 Apr 2021 21:06

Tgt Ion: 84 Resp: 61517

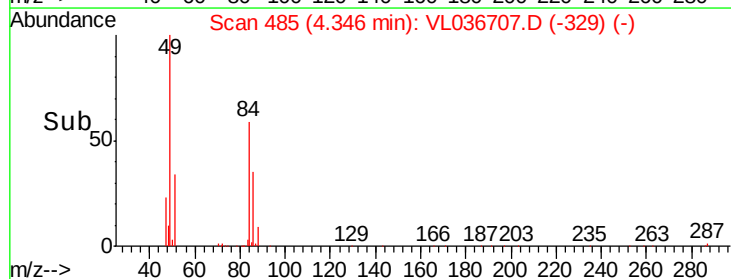
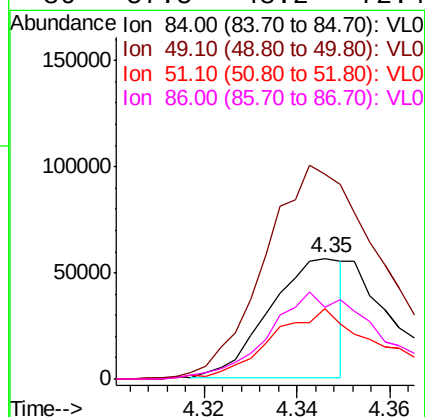
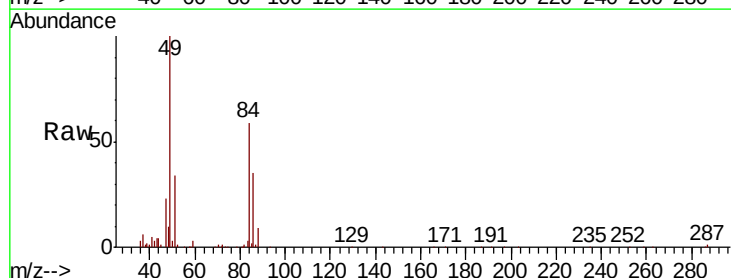
Ion Ratio Lower Upper

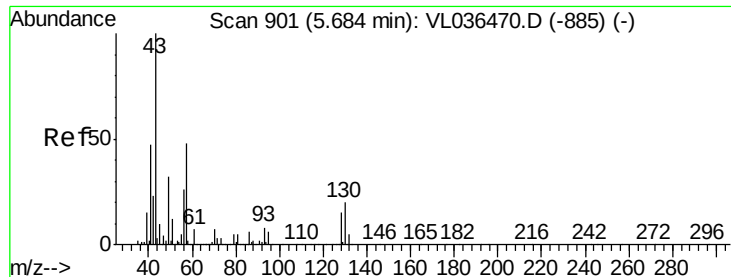
84 100

49 166.6 122.9 184.3

51 56.3 36.9 55.3#

86 57.5 48.2 72.4

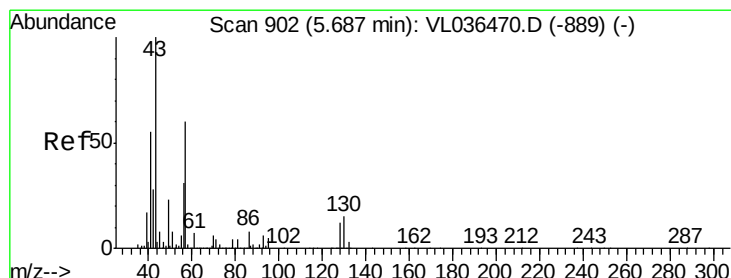
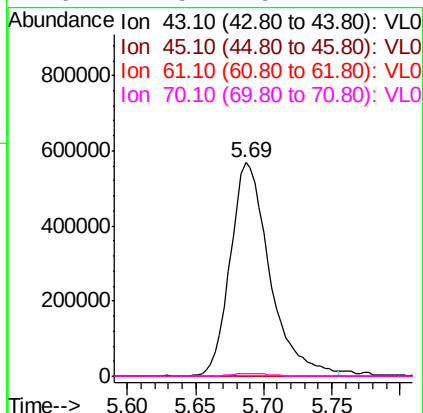
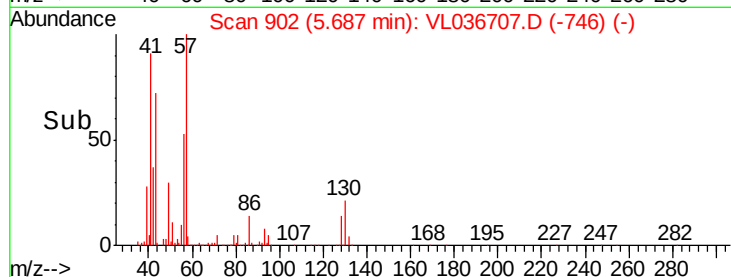
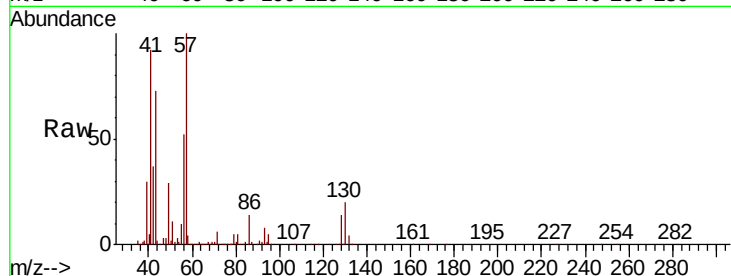




#25
Ethyl Acetate
Concen: 3.878 ppbv
RT: 5.69 min Scan# 902
Delta R.T. 0.00 min
Lab File: VL036707.D
Acq: 6 Apr 2021 21:06

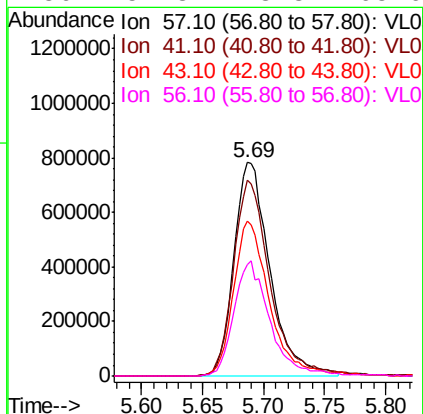
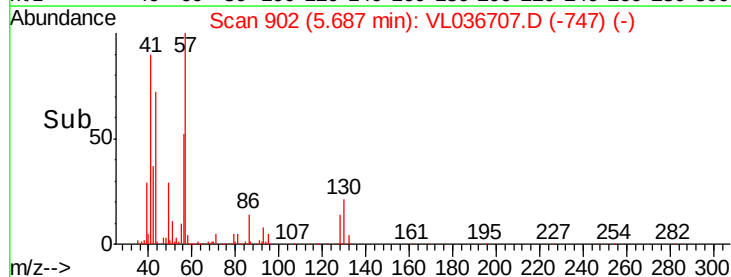
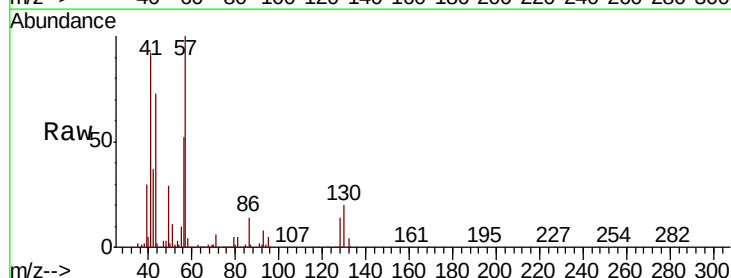
Instrument :
MSVOA_L
ClientSampled :
SV2

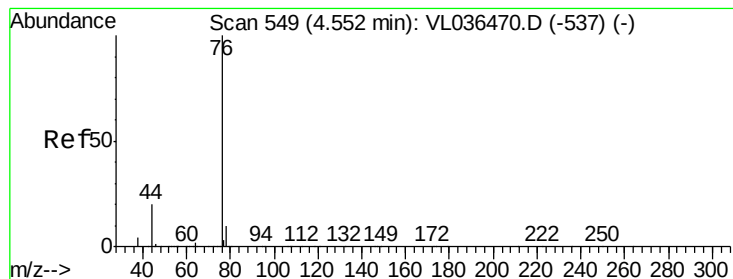
Tot Ion: 43 Resp: 1145653
Ion Ratio Lower Upper
43 100
45 0.2 7.9 11.9#
61 0.0 7.4 11.2#
70 1.5 5.1 7.7#



#26
Hexane
Concen: 11.706 ppbv
RT: 5.69 min Scan# 902
Delta R.T. -0.00 min
Lab File: VL036707.D
Acq: 6 Apr 2021 21:06

Tgt Ion: 57 Resp: 1604729
Ion Ratio Lower Upper
57 100
41 94.2 77.2 115.8
43 72.5 173.8 260.6#
56 54.3 43.8 65.6





#27

Carbon Disulfide

Concen: 0.167 ppbv

RT: 4.55 min Scan# 549

Delta R.T. -0.00 min

Lab File: VL036707.D

Acq: 6 Apr 2021 21:06

Instrument :

MSVOA_L

ClientSampleId :

SV2

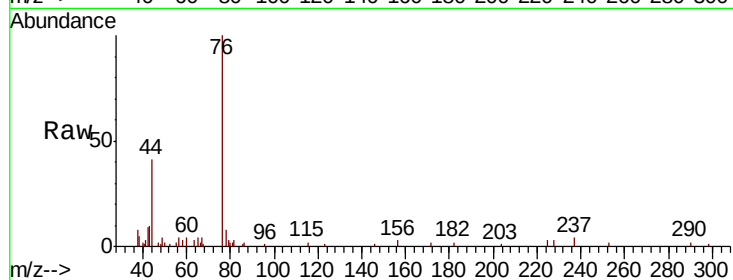
Tot Ion: 76 Resp: 22500

Ion Ratio Lower Upper

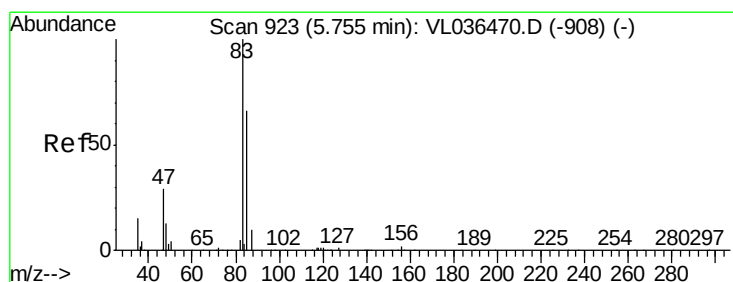
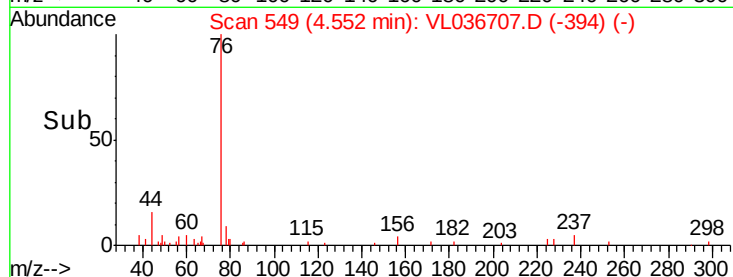
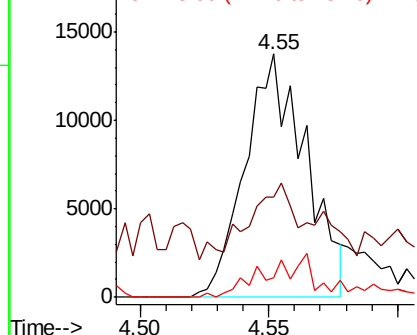
76 100

44 40.0 17.5 26.3#

78 18.5 8.6 13.0#



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: 0.521 ppbv

RT: 5.75 min Scan# 923

Delta R.T. -0.00 min

Lab File: VL036707.D

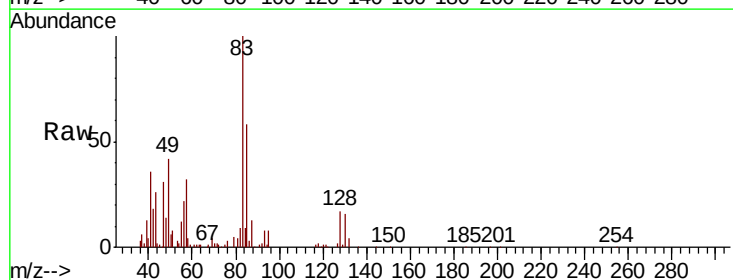
Acq: 6 Apr 2021 21:06

Tgt Ion: 83 Resp: 114130

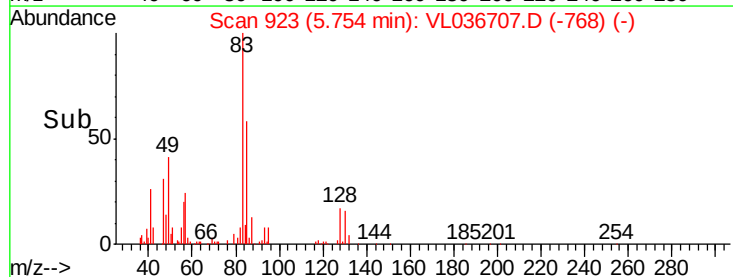
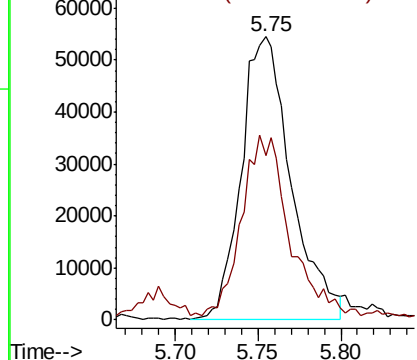
Ion Ratio Lower Upper

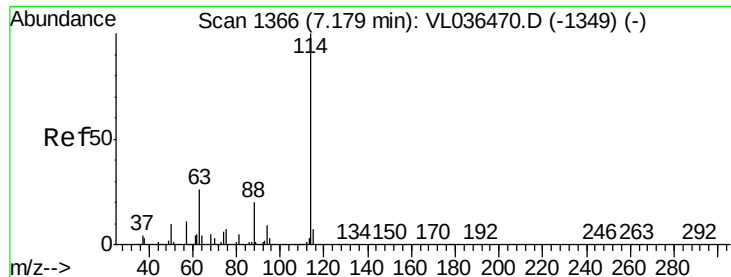
83 100

85 56.5 52.6 78.8



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

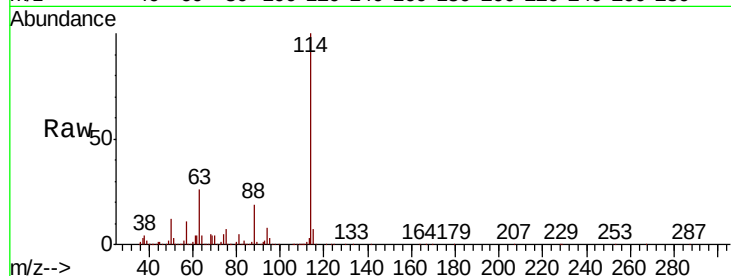




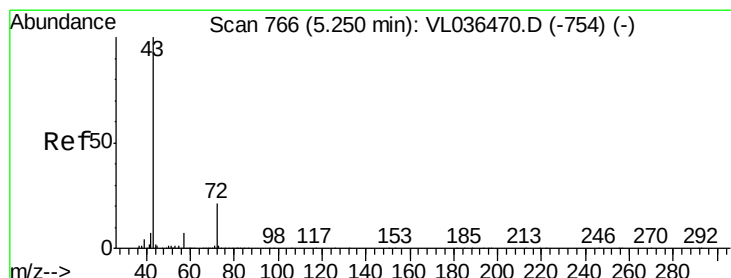
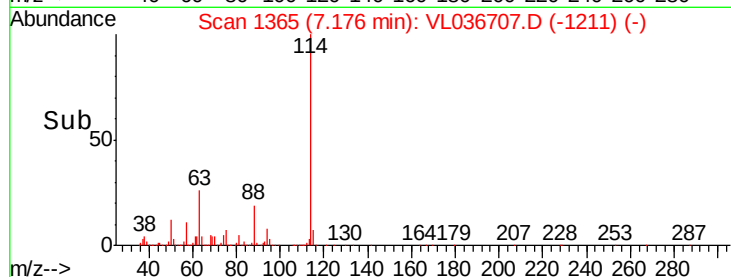
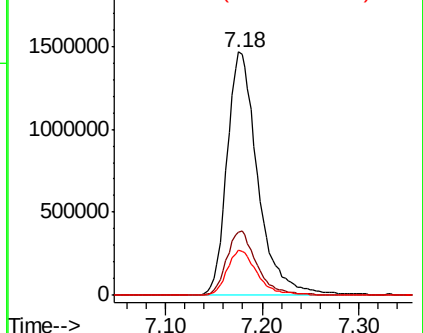
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.18 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VL036707.D
 Acq: 6 Apr 2021 21:06

Instrument :
 MSVOA_L
 ClientSampleId :
 SV2

Tot Ion:114 Resp: 3237061
 Ion Ratio Lower Upper
 114 100
 63 26.4 22.4 33.6
 88 18.4 15.4 23.0

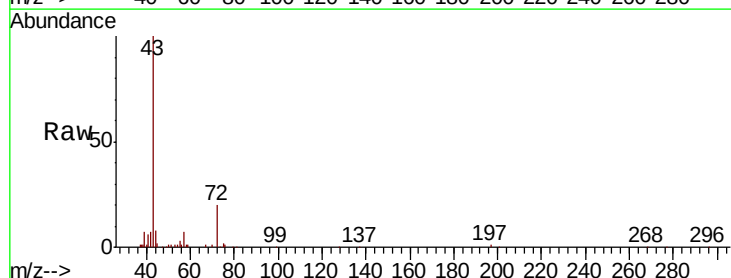


Abundance Ion 114.10 (113.80 to 114.80): VL0
 Ion 63.10 (62.80 to 63.80): VL0
 Ion 88.10 (87.80 to 88.80): VL0

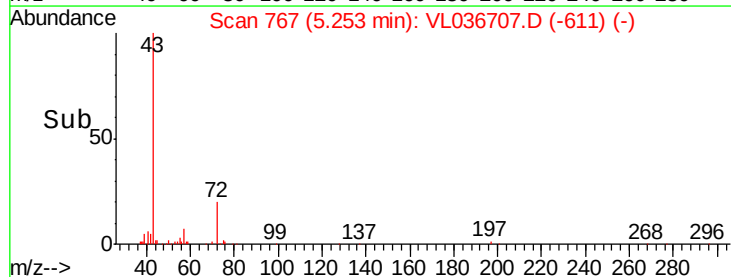
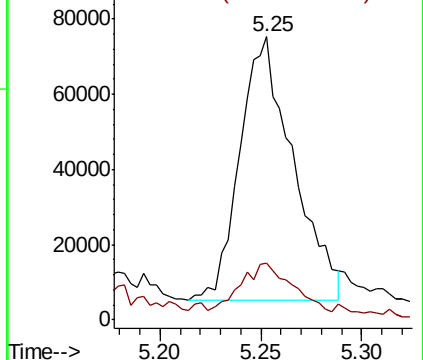


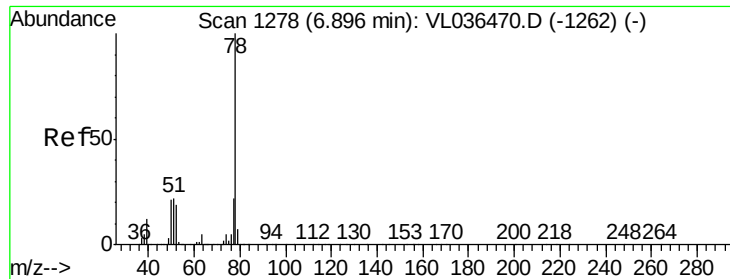
#34
 2-Butanone
 Concen: 0.822 ppbv
 RT: 5.25 min Scan# 767
 Delta R.T. 0.00 min
 Lab File: VL036707.D
 Acq: 6 Apr 2021 21:06

Tgt Ion: 43 Resp: 129891
 Ion Ratio Lower Upper
 43 100
 72 29.9 17.0 25.6#



Abundance Ion 43.10 (42.80 to 43.80): VL0
 Ion 72.10 (71.80 to 72.80): VL0





#36

Benzene

Concen: 0.167 ppbv

RT: 6.89 min Scan# 1277

Delta R.T. -0.00 min

Lab File: VL036707.D

Acq: 6 Apr 2021 21:06

Instrument :

MSVOA_L

ClientSampleId :

SV2

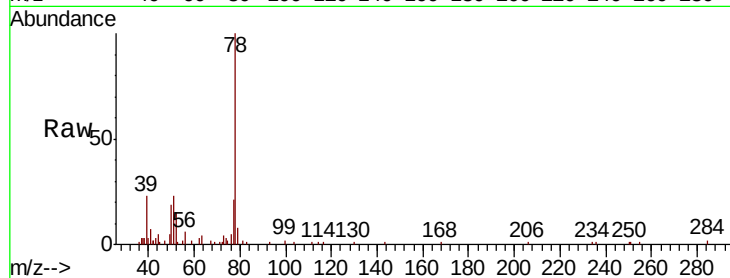
Tot Ion: 78 Resp: 49839

Ion Ratio Lower Upper

78 100

77 18.3 18.0 27.0

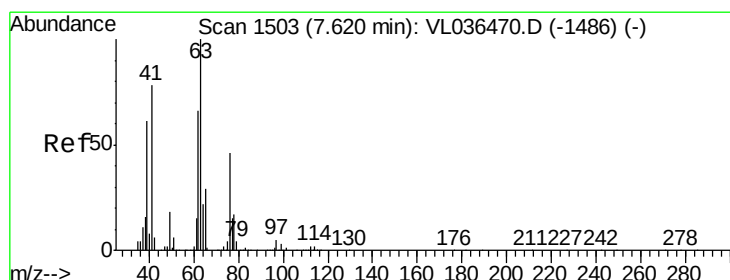
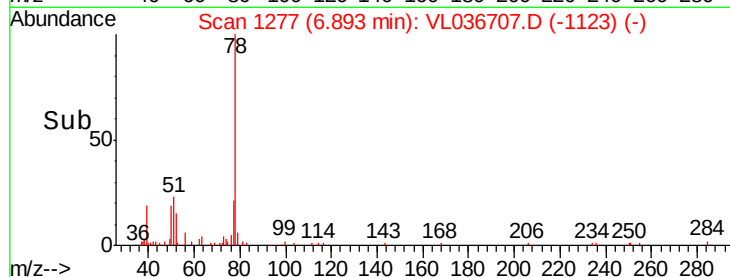
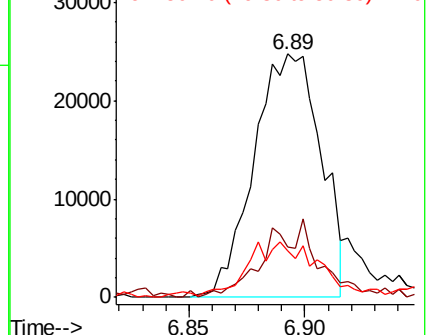
50 17.4 16.5 24.7



Abundance Ion 78.10 (77.80 to 78.80): VL0

Ion 77.10 (76.80 to 77.80): VL0

Ion 50.10 (49.80 to 50.80): VL0



#39

1,2-Dichloropropane

Concen: 6.814 ppbv

RT: 7.18 min Scan# 1366

Delta R.T. -0.44 min

Lab File: VL036707.D

Acq: 6 Apr 2021 21:06

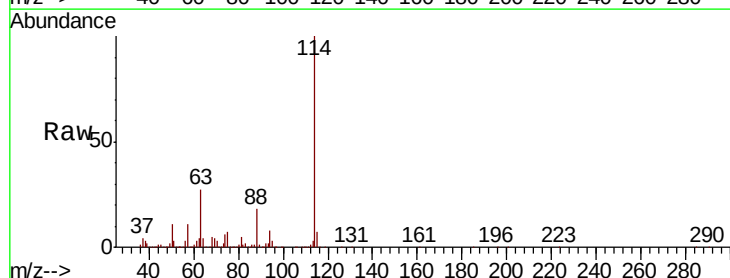
Tgt Ion: 63 Resp: 825173

Ion Ratio Lower Upper

63 100

41 0.0 62.4 93.6#

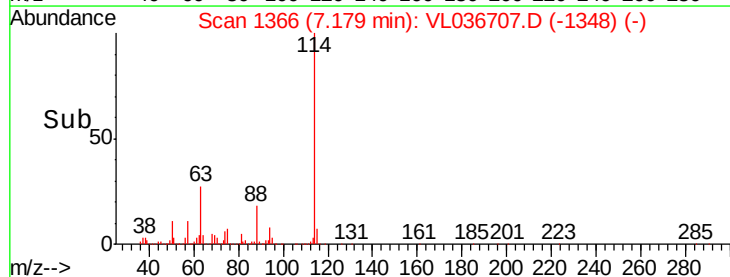
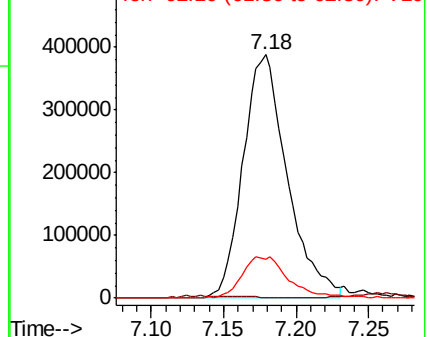
62 15.9 52.8 79.2#

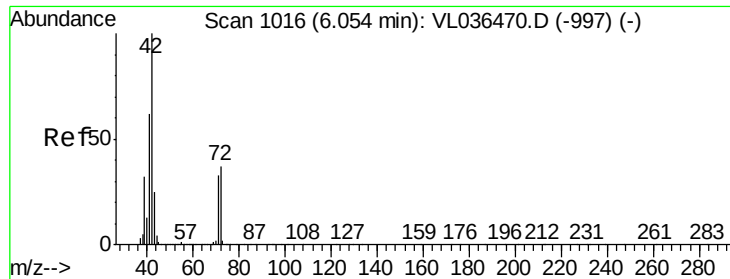


Abundance Ion 63.10 (62.80 to 63.80): VL0

Ion 41.10 (40.80 to 41.80): VL0

Ion 62.10 (61.80 to 62.80): VL0





#41

Tetrahydrofuran

Concen: 0.138 ppbv

RT: 6.04 min Scan# 1012

Delta R.T. -0.01 min

Lab File: VL036707.D

Acq: 6 Apr 2021 21:06

Instrument :

MSVOA_L

ClientSampled :

SV2

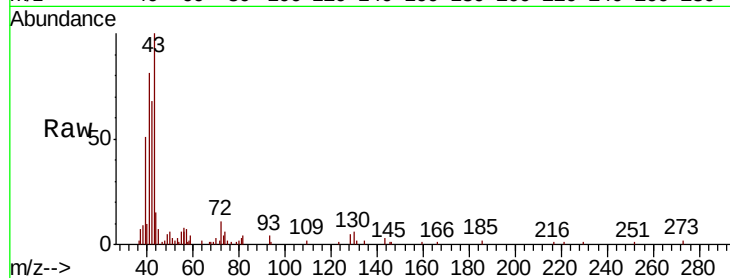
Tot Ion: 42 Resp: 10090

Ion Ratio Lower Upper

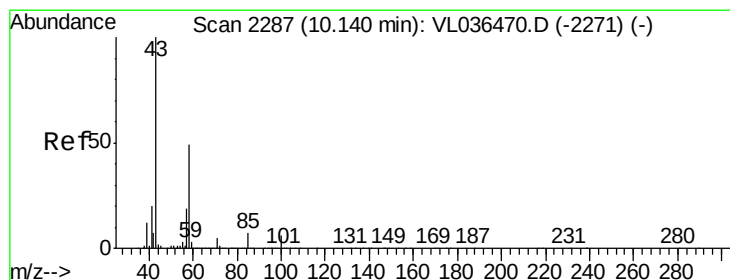
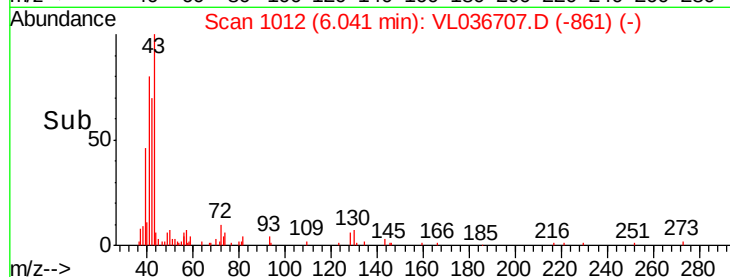
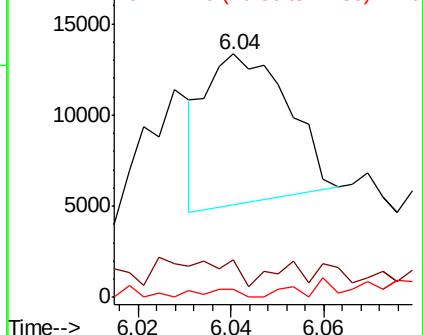
42 100

72 38.7 27.6 41.4

71 0.0 27.0 40.4#



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



#51

2-Hexanone

Concen: 1.995 ppbv

RT: 10.11 min Scan# 2279

Delta R.T. -0.03 min

Lab File: VL036707.D

Acq: 6 Apr 2021 21:06

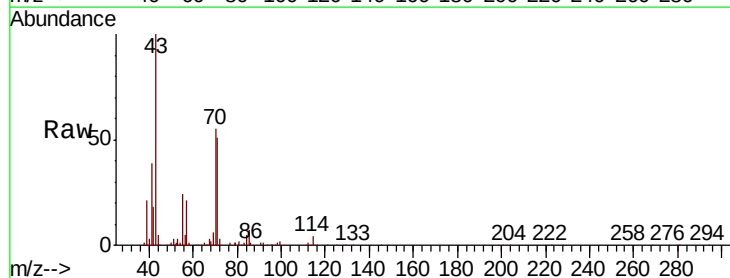
Tgt Ion: 43 Resp: 230156

Ion Ratio Lower Upper

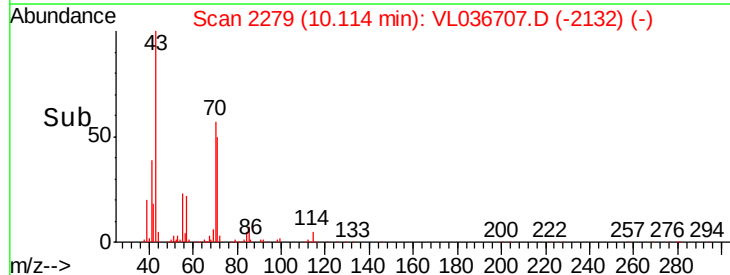
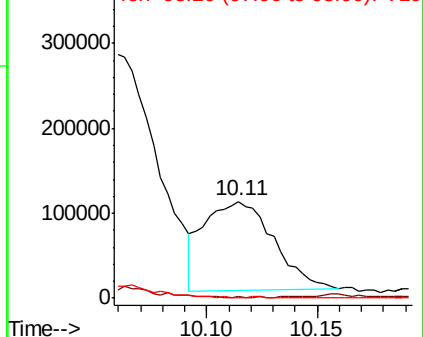
43 100

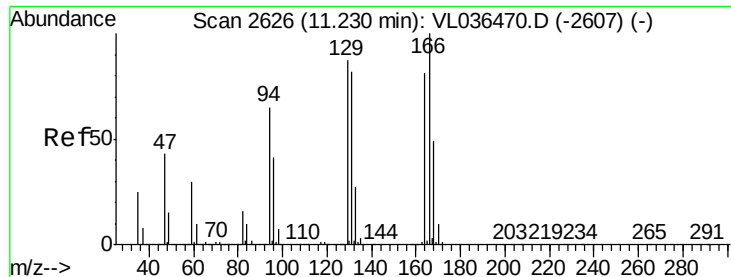
58 4.6 37.7 56.5#

98 0.0 0.2 0.2#



Abundance Ion 43.10 (42.80 to 43.80): VL0
Ion 58.10 (57.80 to 58.80): VL0
Ion 98.20 (97.90 to 98.90): VL0





#52

Tetrachloroethene

Concen: 0.041 ppbv

RT: 11.23 min Scan# 2625

Delta R.T. -0.00 min

Lab File: VL036707.D

Acq: 6 Apr 2021 21:06

Instrument :

MSVOA_L

ClientSampleId :

SV2

Tot Ion:164 Resp: 4540

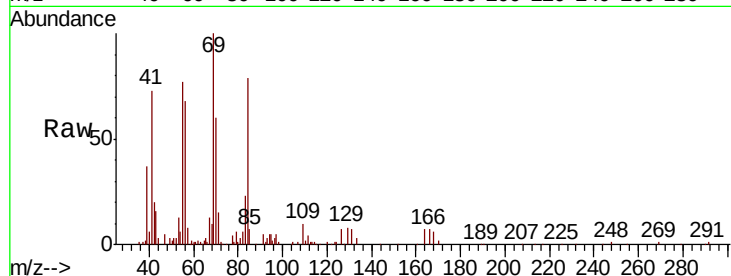
Ion Ratio Lower Upper

164 100

166 39.6 98.3 147.5#

129 111.4 85.8 128.8

131 61.0 80.9 121.3#

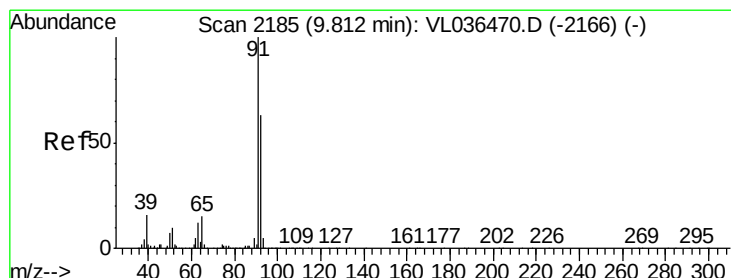
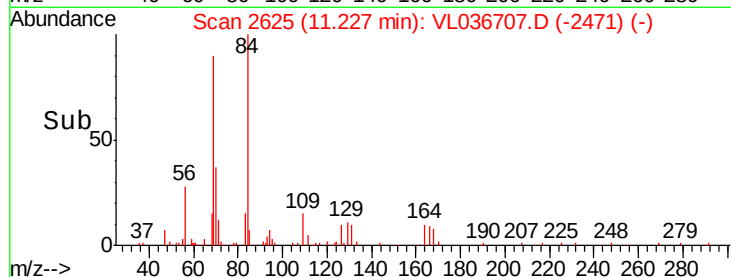
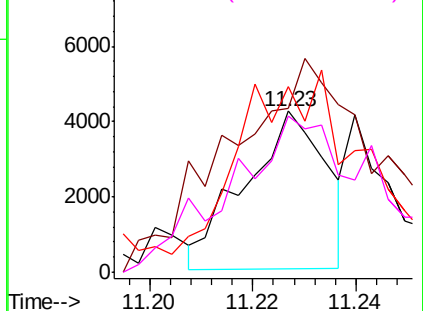


Abundance Ion 163.90 (163.60 to 164.60): V

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: 1.498 ppbv

RT: 9.81 min Scan# 2185

Delta R.T. -0.00 min

Lab File: VL036707.D

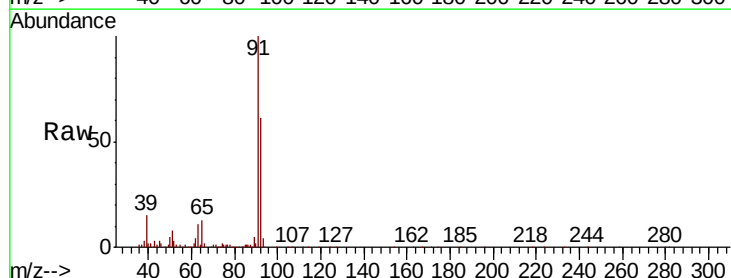
Acq: 6 Apr 2021 21:06

Tgt Ion: 91 Resp: 476413

Ion Ratio Lower Upper

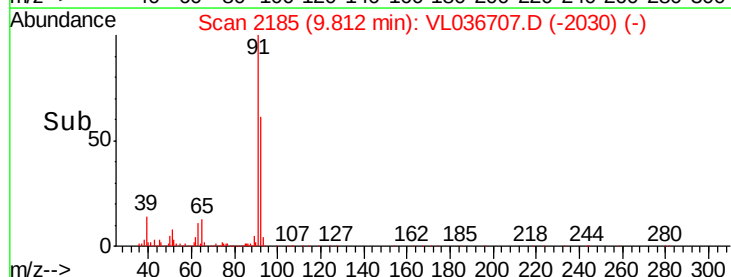
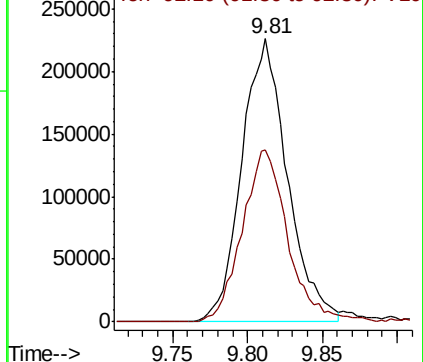
91 100

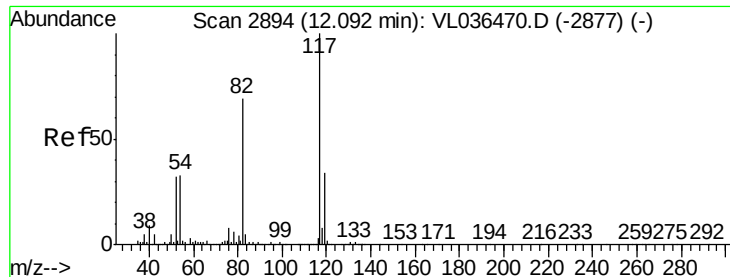
92 62.5 48.8 73.2



Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 92.10 (91.80 to 92.80): VL0

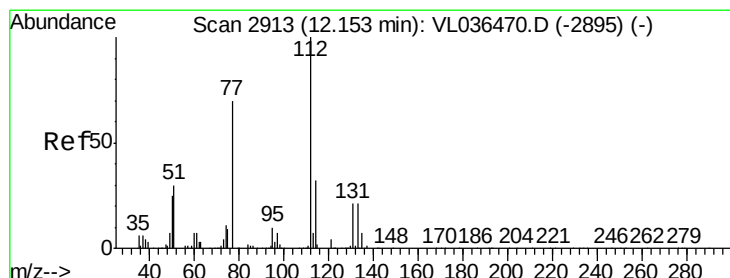
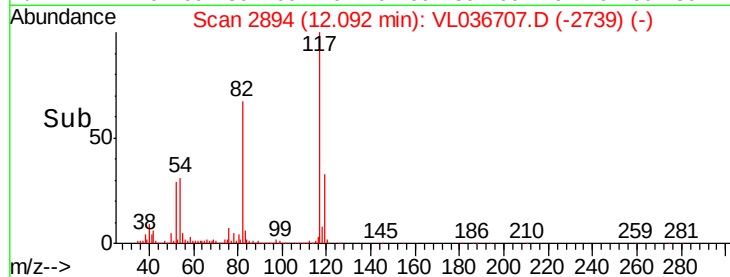
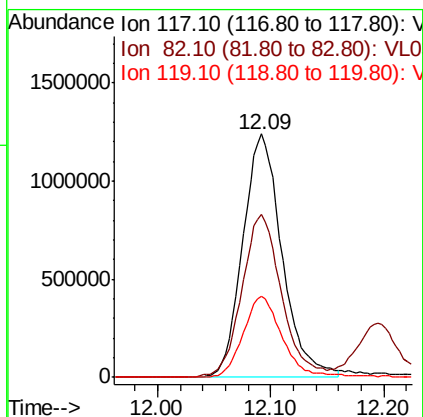
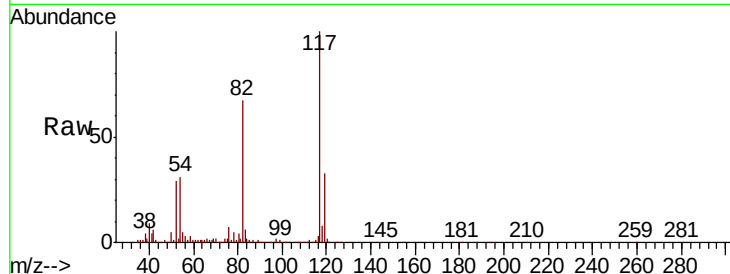




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.09 min Scan# 2894
Delta R.T. -0.00 min
Lab File: VL036707.D
Acq: 6 Apr 2021 21:06

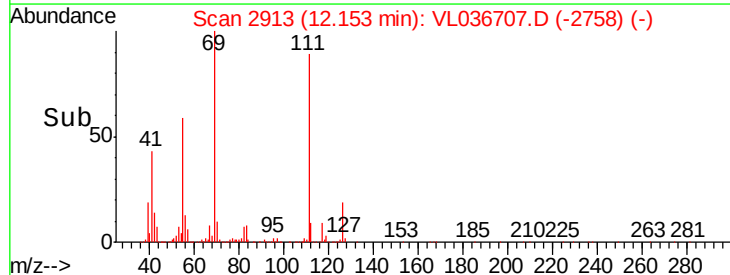
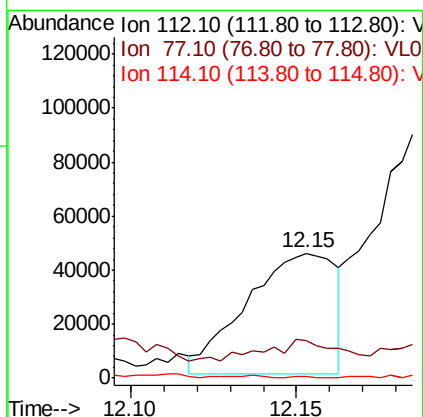
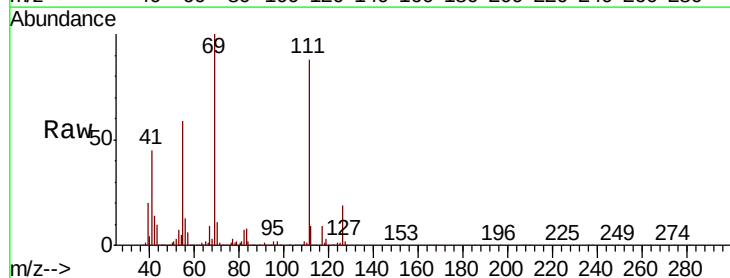
Instrument :
MSVOA_L
ClientSampleId :
SV2

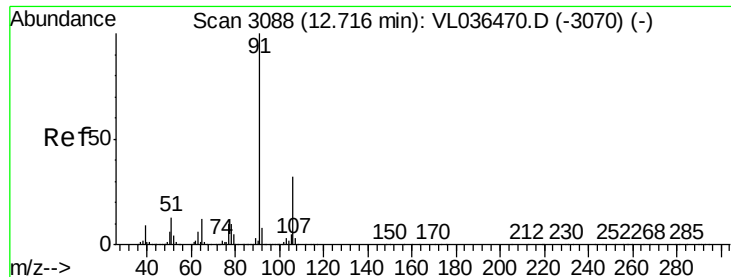
Tot Ion:117 Resp: 2986357
Ion Ratio Lower Upper
117 100
82 68.0 57.4 86.0
119 34.1 47.4 71.0#



#57
Chlorobenzene
Concen: 0.330 ppbv
RT: 12.15 min Scan# 2913
Delta R.T. -0.00 min
Lab File: VL036707.D
Acq: 6 Apr 2021 21:06

Tgt Ion:112 Resp: 83860
Ion Ratio Lower Upper
112 100
77 20.6 56.0 84.0#
114 0.0 29.0 35.4#





#58

Ethyl Benzene

Concen: 0.626 ppbv

RT: 12.72 min Scan# 3089

Delta R.T. 0.00 min

Lab File: VL036707.D

Acq: 6 Apr 2021 21:06

Instrument :

MSVOA_L

ClientSampled :

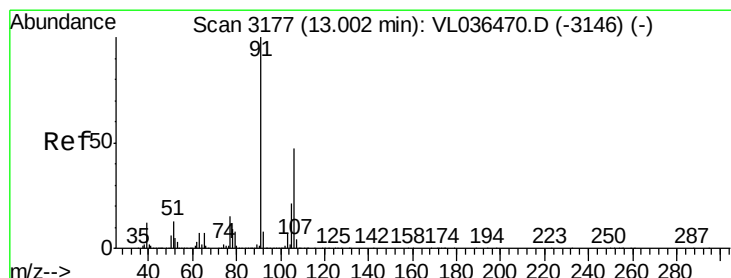
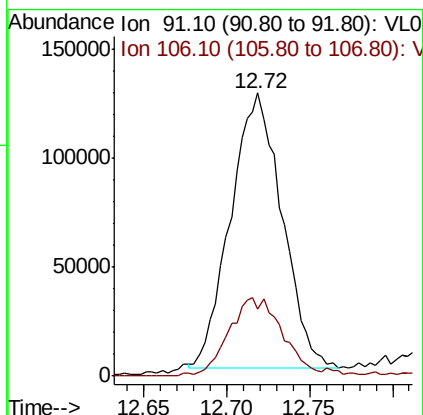
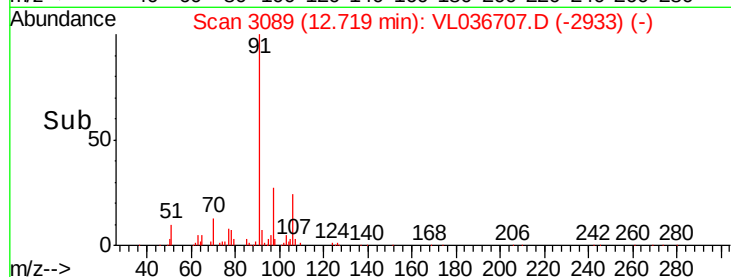
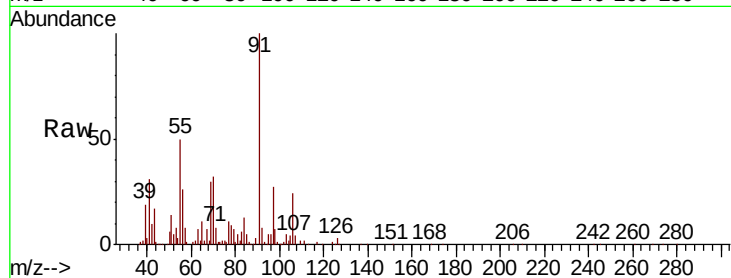
SV2

Tot Ion: 91 Resp: 271771

Ion Ratio Lower Upper

91 100

106 23.7 25.3 37.9#



#59

m/p-Xylene

Concen: 1.573 ppbv

RT: 12.97 min Scan# 3168

Delta R.T. -0.03 min

Lab File: VL036707.D

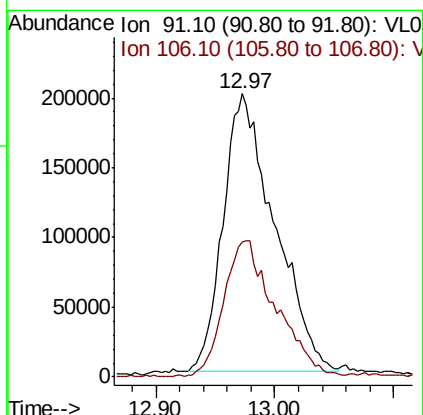
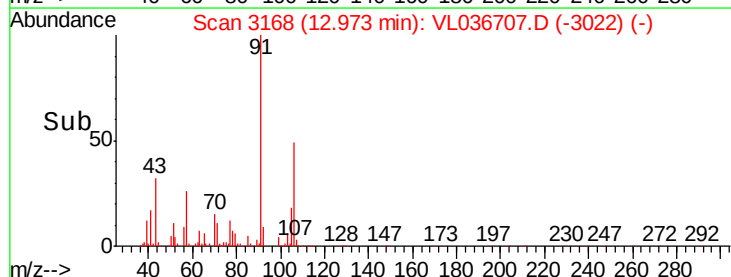
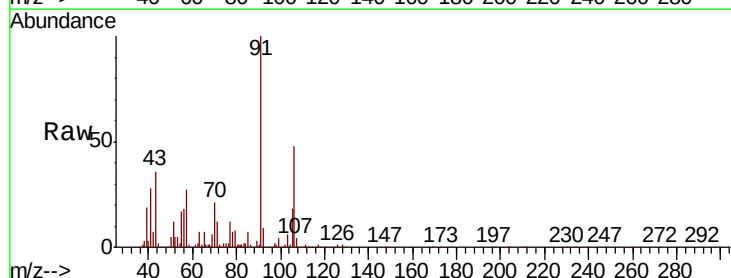
Acq: 6 Apr 2021 21:06

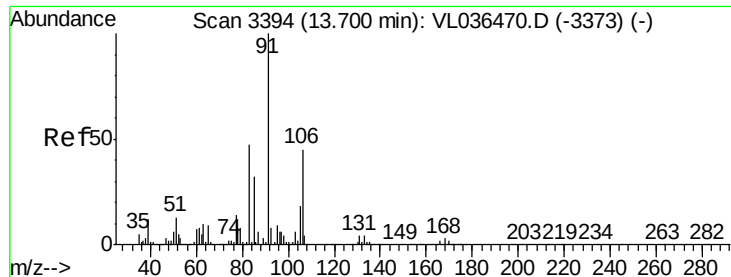
Tgt Ion: 91 Resp: 596197

Ion Ratio Lower Upper

91 100

106 49.8 35.3 52.9





#60

o-Xylene

Concen: 0.419 ppbv

RT: 13.70 min Scan# 3393

Delta R.T. -0.00 min

Lab File: VL036707.D

Acq: 6 Apr 2021 21:06

Instrument :

MSVOA_L

ClientSampleId :

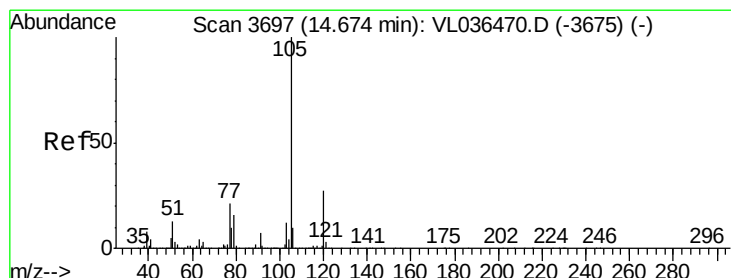
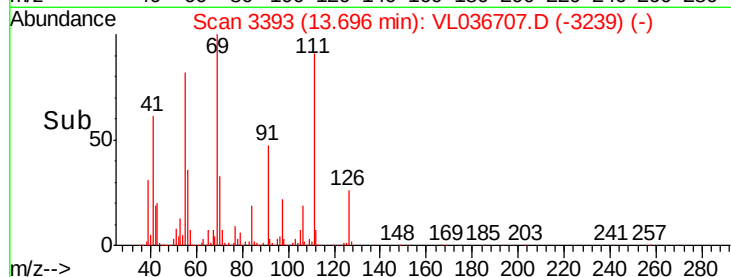
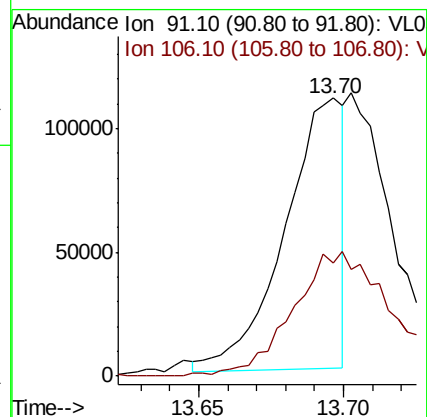
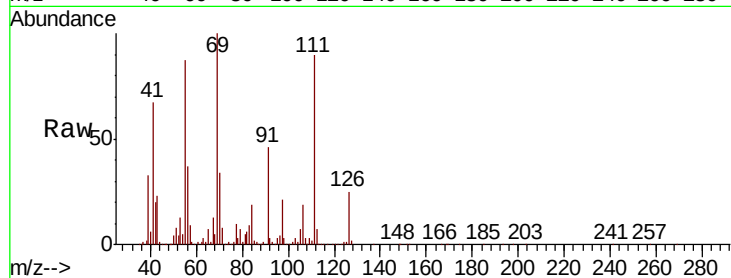
SV2

Tot Ion: 91 Resp: 153399

Ion Ratio Lower Upper

91 100

106 76.7 22.3 66.9#



#62

Isopropylbenzene

Concen: 0.096 ppbv

RT: 14.68 min Scan# 3698

Delta R.T. 0.00 min

Lab File: VL036707.D

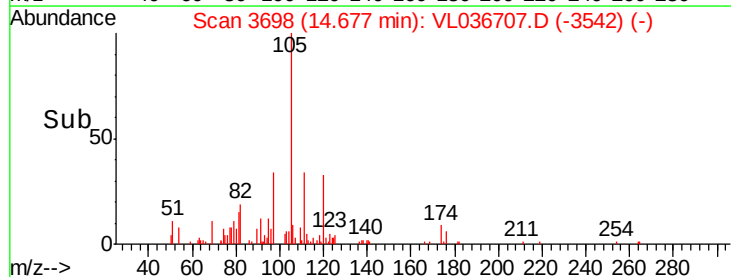
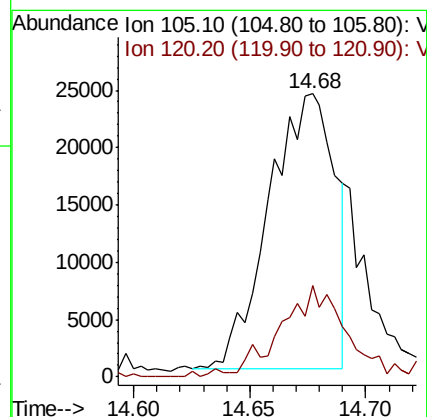
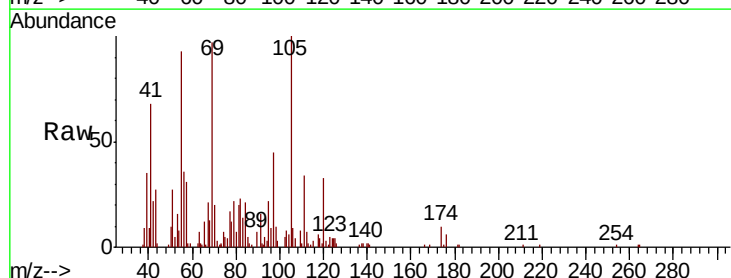
Acq: 6 Apr 2021 21:06

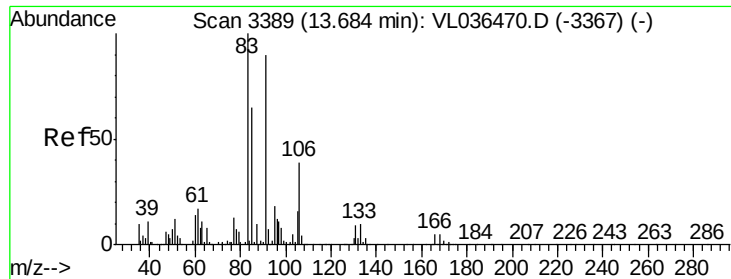
Tgt Ion:105 Resp: 47278

Ion Ratio Lower Upper

105 100

120 34.3 20.6 31.0#

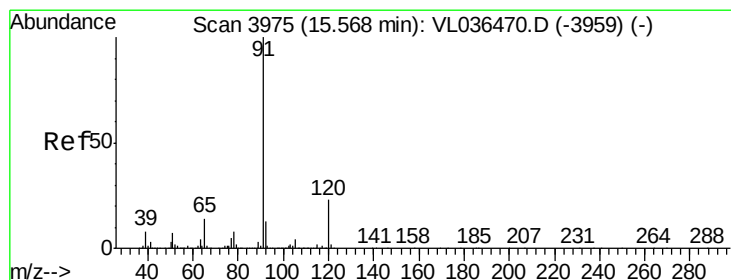
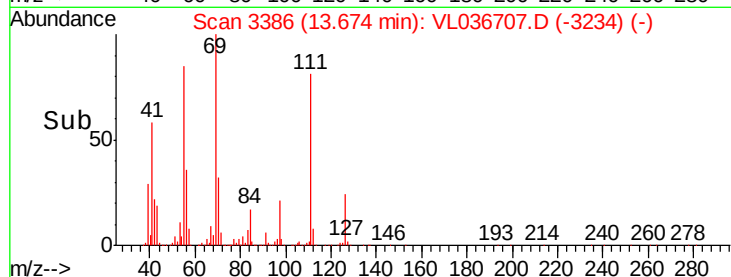
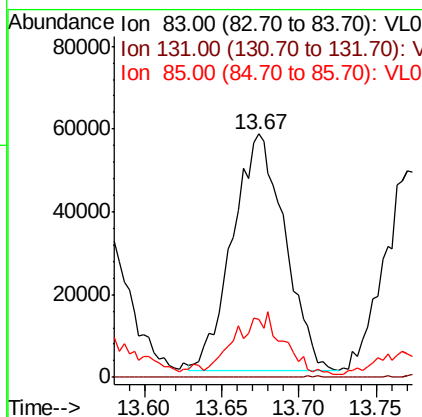
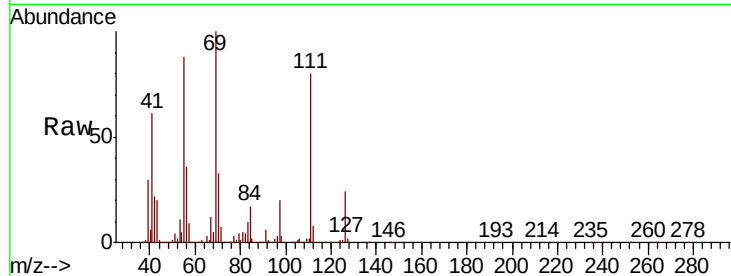




#63
 1,1,2,2-Tetrachloroethane
 Concen: 0.477 ppbv
 RT: 13.67 min Scan# 3386
 Delta R.T. -0.01 min
 Lab File: VL036707.D
 Acq: 6 Apr 2021 21:06

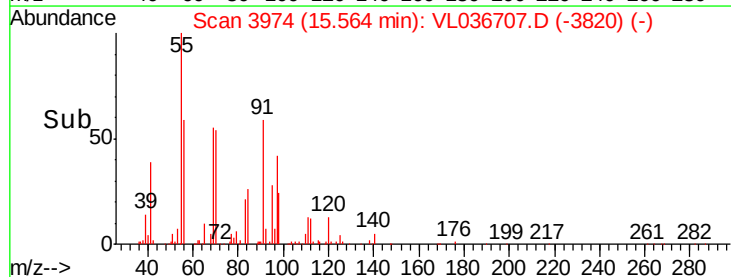
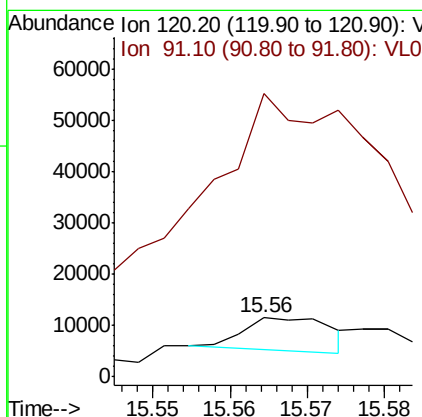
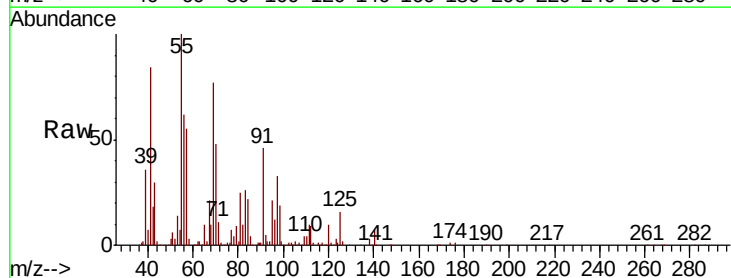
Instrument :
 MSVOA_L
 ClientSampleId :
 SV2

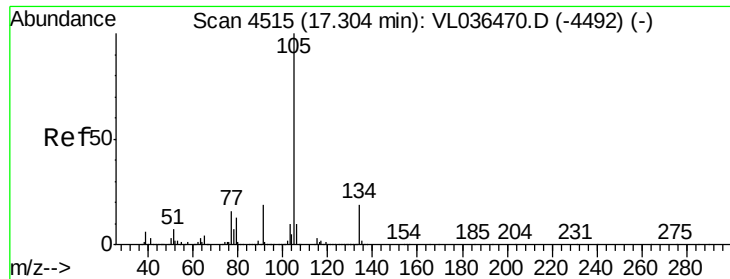
Tot Ion: 83 Resp: 133358
 Ion Ratio Lower Upper
 83 100
 131 0.1 4.7 14.0#
 85 24.1 33.1 99.3#



#64
 n-propylbenzene
 Concen: 0.041 ppbv
 RT: 15.56 min Scan# 3974
 Delta R.T. -0.00 min
 Lab File: VL036707.D
 Acq: 6 Apr 2021 21:06

Tgt Ion:120 Resp: 4956
 Ion Ratio Lower Upper
 120 100
 91 2605.6 377.4 566.2#





#67

sec-Butylbenzene

Concen: 0.046 ppbv

RT: 17.30 min Scan# 4514

Delta R.T. -0.00 min

Lab File: VL036707.D

Acq: 6 Apr 2021 21:06

Instrument :

MSVOA_L

ClientSampled :

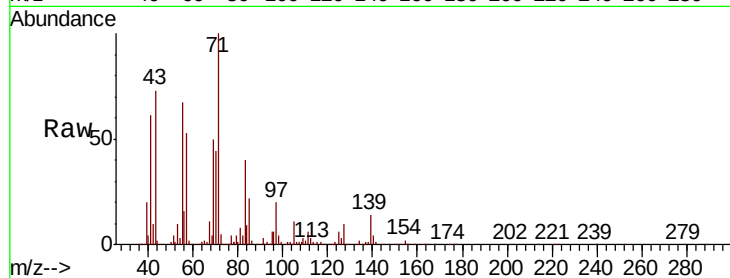
SV2

Tot Ion:105 Resp: 27840

Ion Ratio Lower Upper

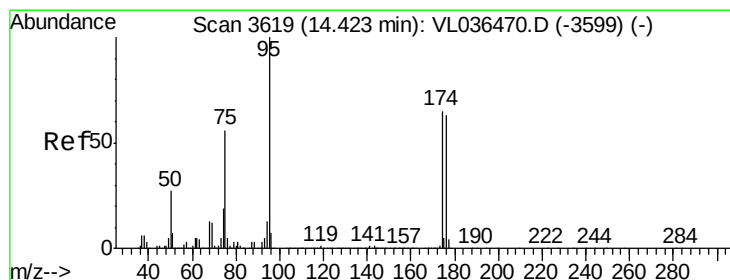
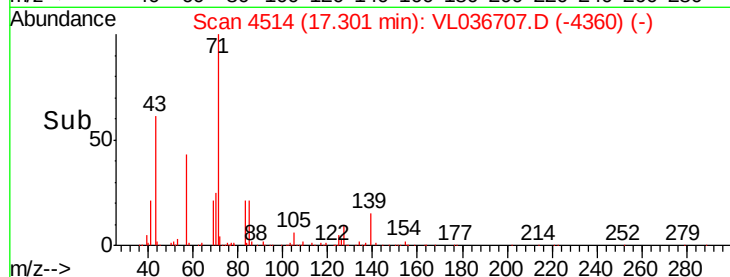
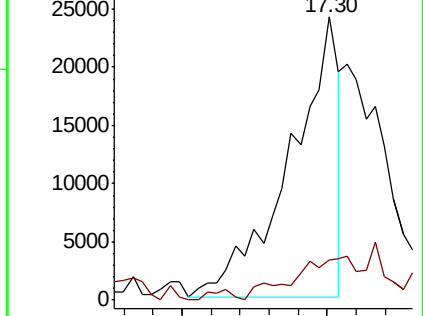
105 100

134 0.0 14.7 22.1#



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 134.20 (133.90 to 134.90): V



#68

1-Bromo-4-Fluorobenzene

Concen: 10.272 ppbv

RT: 14.42 min Scan# 3619

Delta R.T. -0.00 min

Lab File: VL036707.D

Acq: 6 Apr 2021 21:06

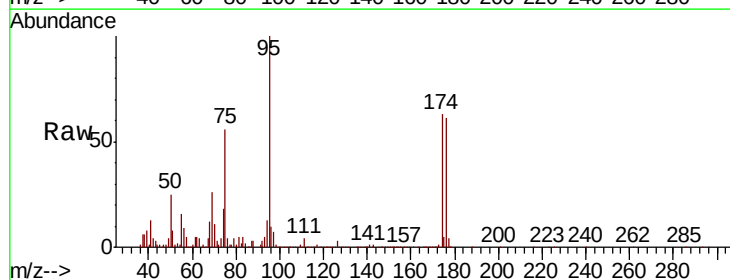
Tgt Ion: 95 Resp: 2444884

Ion Ratio Lower Upper

95 100

174 66.1 51.0 76.6

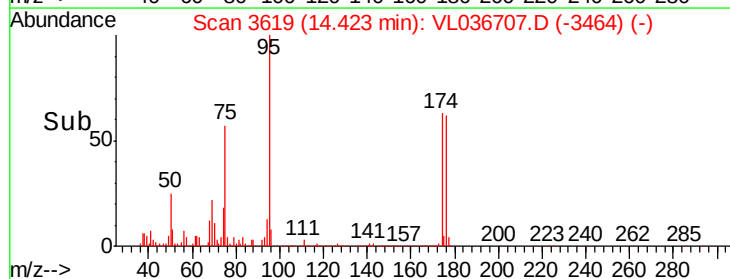
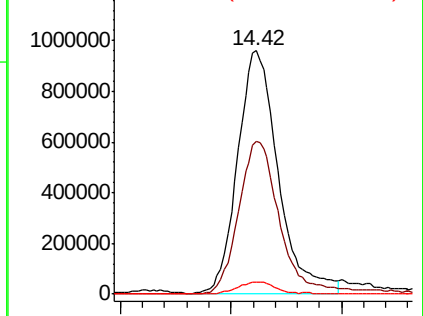
175 4.8 3.9 5.9

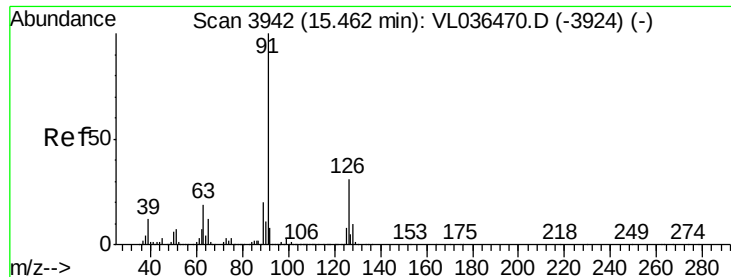


Abundance Ion 95.10 (94.80 to 95.80): VL0

Ion 174.00 (173.70 to 174.70): V

Ion 175.00 (174.70 to 175.70): V

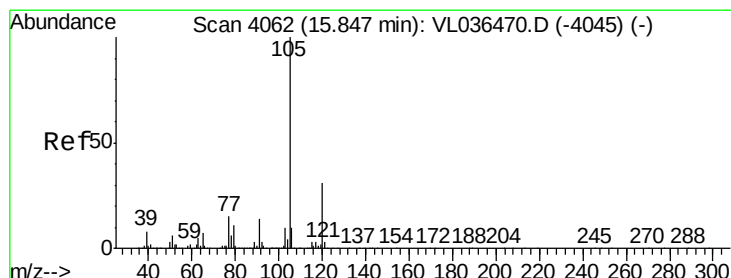
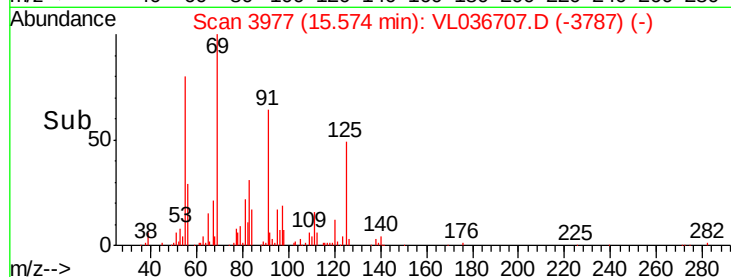
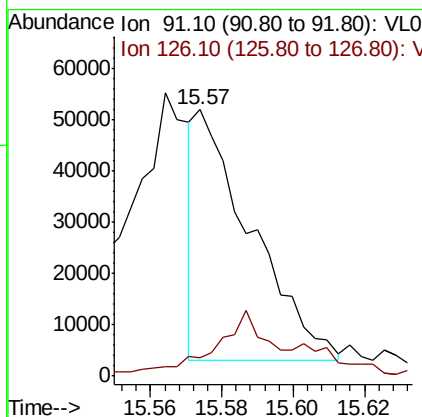
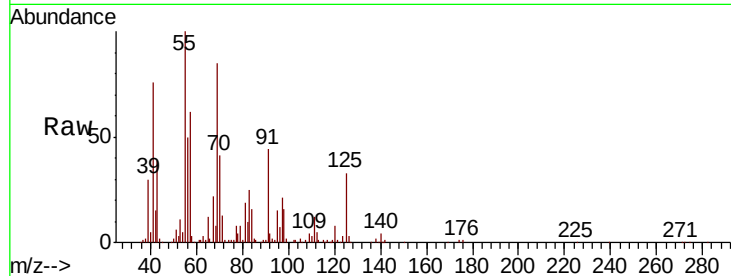




#71
 2-Chlorotoluene
 Concen: 0.141 ppbv
 RT: 15.57 min Scan# 3977
 Delta R.T. 0.11 min
 Lab File: VL036707.D
 Acq: 6 Apr 2021 21:06

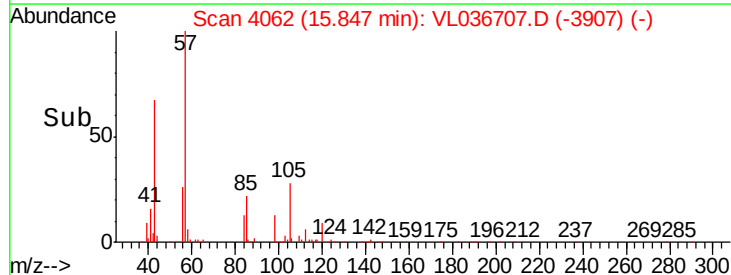
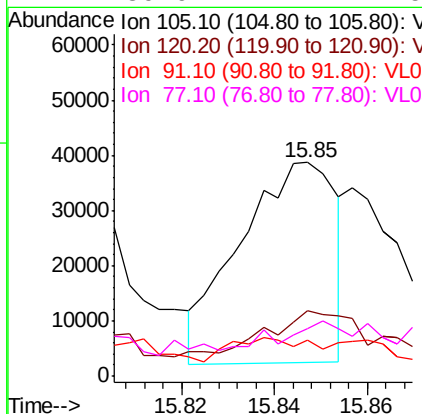
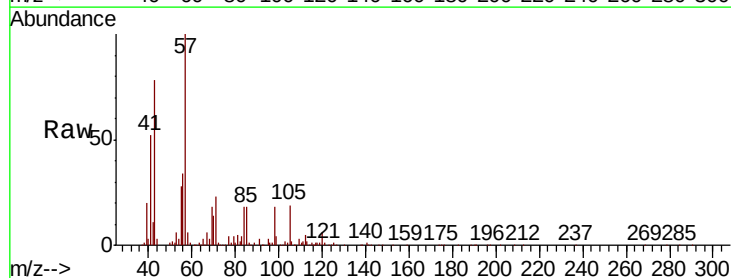
Instrument :
 MSVOA_L
 ClientSampleId :
 SV2

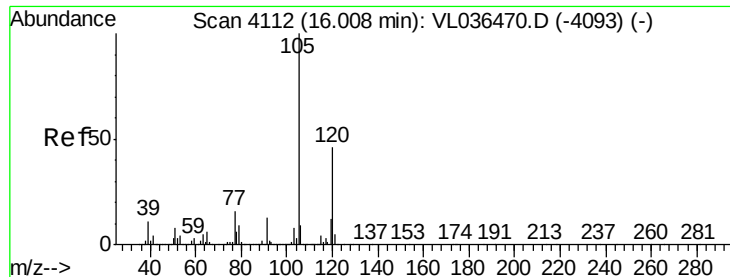
Tot Ion: 91 Resp: 52305
 Ion Ratio Lower Upper
 91 100
 126 37.0 12.1 48.5



#72
 4-Ethyltoluene
 Concen: 0.131 ppbv
 RT: 15.85 min Scan# 4062
 Delta R.T. -0.00 min
 Lab File: VL036707.D
 Acq: 6 Apr 2021 21:06

Tgt Ion: 105 Resp: 52428
 Ion Ratio Lower Upper
 105 100
 120 54.7 24.0 36.0#
 91 34.1 11.0 16.4#
 77 39.9 11.7 17.5#





#73

1,3,5-Trimethylbenzene

Concen: 0.102 ppbv

RT: 16.01 min Scan# 4113

Delta R.T. 0.00 min

Lab File: VL036707.D

Acq: 6 Apr 2021 21:06

Instrument :

MSVOA_L

ClientSampled :

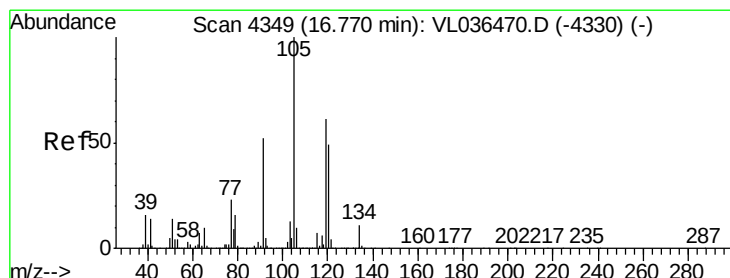
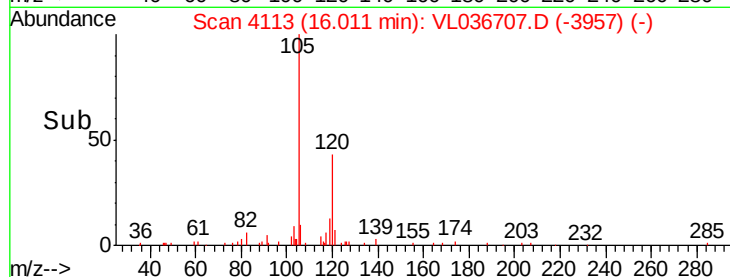
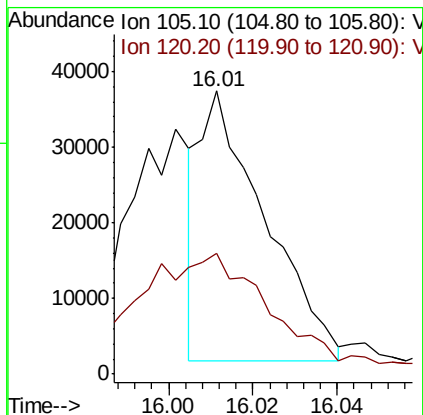
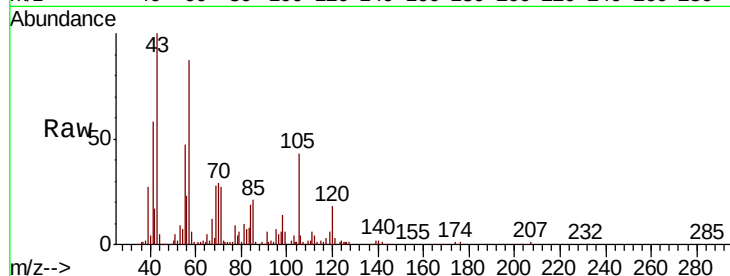
SV2

Tot Ion:105 Resp: 38071

Ion Ratio Lower Upper

105 100

120 42.5 36.6 54.8



#74

1,2,4-Trimethylbenzene

Concen: 0.261 ppbv

RT: 16.77 min Scan# 4348

Delta R.T. -0.00 min

Lab File: VL036707.D

Acq: 6 Apr 2021 21:06

Tgt Ion:105 Resp: 104630

Ion Ratio Lower Upper

105 100

120 38.1 39.2 58.8#

91 12.5 42.6 64.0#

77 18.8 18.6 28.0

