

Data File : VL035385.D
Acq On : 12 Aug 2020 14:38
Operator : SY/AP
Sample : VSTDIC0.1
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.1

Quant Time: Aug 12 15:27:06 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL081220AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Aug 12 15:19:58 2020
QLast Update : Wed Aug 12 15:19:58 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	1446239	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.19	114	3384400	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.11	117	3184551	10.00	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.44	95	2642600	9.95	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.50%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.18	85	24642	0.128	ppbv	93
4) Chloromethane	3.14	50	13021	0.139	ppbv	95
5) Vinyl Chloride	3.25	62	9923	0.103	ppbv	94
6) Bromomethane	3.47	94	3127	0.053	ppbv	86
7) Chloroethane	3.56	64	4197	0.118	ppbv #	82
8) Dichlorotetrafluoroethane	3.18	85	24642	0.108	ppbv	100
9) Propene	3.00	41	14419	0.245	ppbv	93
10) Heptane	8.13	43	24345	0.162	ppbv	93
11) Trichlorofluoromethane	3.95	101	24006	0.096	ppbv	99
12) 1,1,2-Trichlorotrifluoroet	4.48	101	17092	0.096	ppbv	94
14) Bromoethene	3.74	108	8177	0.114	ppbv	92
15) Acetone	3.87	43	38378	0.187	ppbv #	84
16) 1,3-Butadiene	3.32	39	9662	0.122	ppbv #	80
18) 1,1-Dichloroethene	4.29	96	6225	0.081	ppbv #	70
20) Methylene Chloride	4.35	84	10610	0.127	ppbv #	83
21) Allyl Chloride	4.41	41	13373	0.114	ppbv #	79
22) trans-1,2-Dichloroethene	4.88	96	4840	0.065	ppbv	91
23) Vinyl Acetate	5.09	43	41452	0.210	ppbv #	92
24) 1,1-Dichloroethane	5.01	63	21482	0.116	ppbv	97
25) Ethyl Acetate	5.69	43	41972	0.135	ppbv #	91
26) Hexane	5.69	57	18675	0.138	ppbv #	88
27) Carbon Disulfide	4.56	76	7979	0.042	ppbv #	1
28) Methyl tert-Butyl Ether	5.06	73	29824	0.152	ppbv	91
29) Chloroform	5.75	83	29318	0.126	ppbv #	82
30) Cyclohexane	7.14	84	4851	0.047	ppbv #	1
31) cis-1,2-Dichloroethene	5.56	61	8272	0.069	ppbv	96
32) 1,1,1-Trichloroethane	6.52	97	27231	0.111	ppbv	98
35) Carbon Tetrachloride	7.02	117	26794	0.115	ppbv	96
36) Benzene	6.90	78	39132	0.171	ppbv #	88
37) 1,2-Dichloroethane	6.32	62	22570	0.141	ppbv #	93
38) Trichloroethene	7.83	130	4141	0.039	ppbv	88
39) 1,2-Dichloropropane	7.18	63	905160	9.784	ppbv #	26
42) Bromodichloromethane	7.80	83	28774	0.134	ppbv #	79
43) Methyl Methacrylate	8.04	69	17277	0.180	ppbv	100
44) 2,2,4-Trimethylpentane	7.88	57	39229	0.097	ppbv #	44
45) t-1,3-Dichloropropene	9.29	75	6999	0.070	ppbv	91
46) cis-1,3-Dichloropropene	8.72	75	12712	0.106	ppbv	92
47) 1,1,2-Trichloroethane	9.49	97	6975	0.063	ppbv #	92
48) Dibromochloromethane	10.32	129	8473	0.046	ppbv #	10
49) Bromoform	13.06	173	9988	0.060	ppbv #	62
50) 4-Methyl-2-Pentanone	8.78	43	13509	0.053	ppbv #	39

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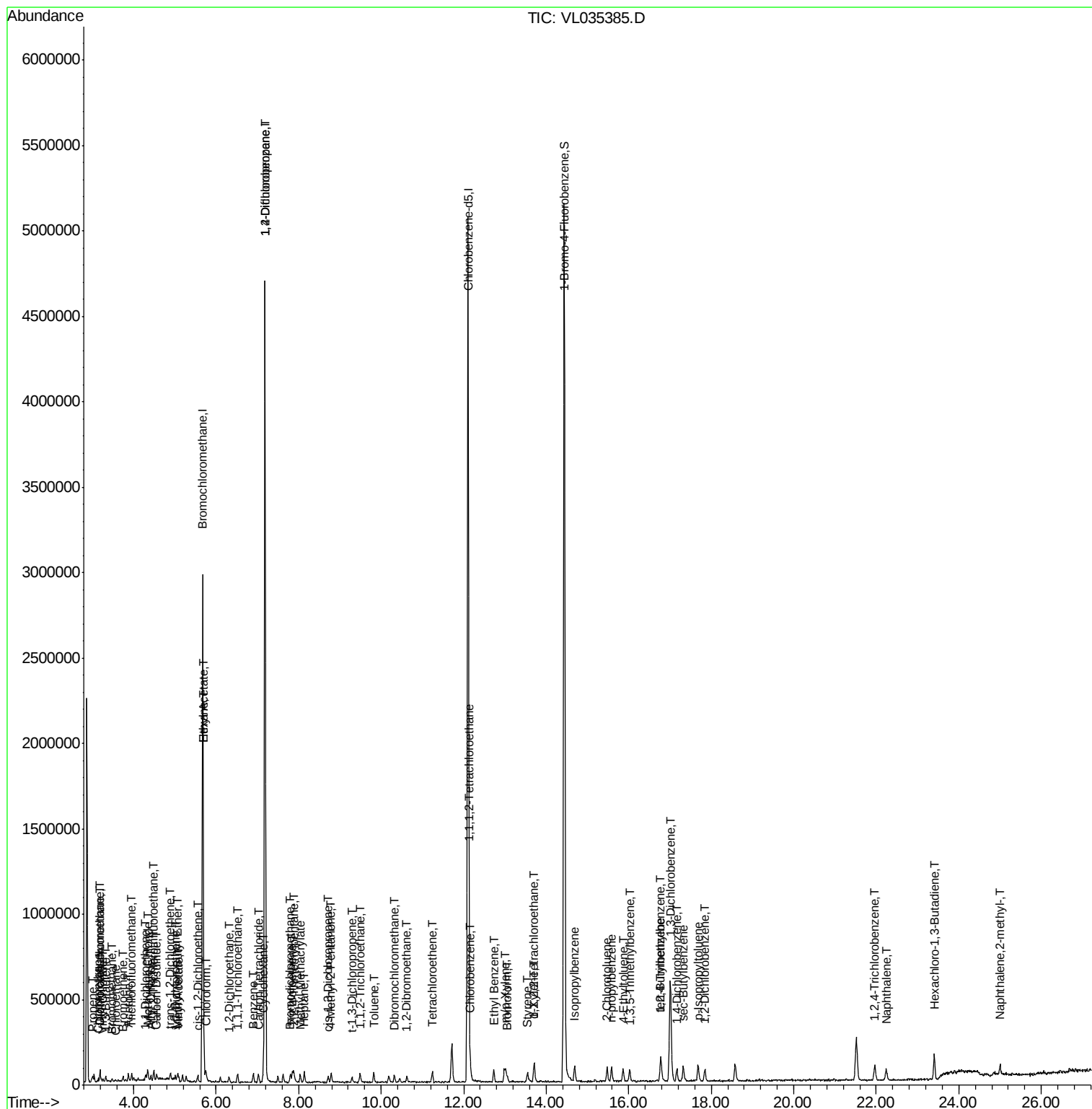
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
52) Tetrachloroethene	11.24	164	5590	0.062	ppbv	# 44
53) Toluene	9.82	91	37442	0.151	ppbv	88
54) 1,2-Dibromoethane	10.62	107	15837	0.099	ppbv	96
56) 1,1,1,2-Tetrachloroethane	12.14	131	8318	0.055	ppbv	# 10
57) Chlorobenzene	12.17	112	35337	0.147	ppbv	# 74
58) Ethyl Benzene	12.73	91	64004	0.193	ppbv	98
59) m/p-Xylene	13.02	91	9276	0.030	ppbv	# 30
60) o-Xylene	13.72	91	22414	0.073	ppbv	# 14
61) Styrene	13.55	104	21048	0.113	ppbv	# 36
62) Isopropylbenzene	14.69	105	75723	0.164	ppbv	98
63) 1,1,2,2-Tetrachloroethane	13.70	83	32717	0.125	ppbv	93
64) n-propylbenzene	15.59	120	17478	0.141	ppbv	# 62
65) tert-Butylbenzene	16.77	119	17846	0.042	ppbv	# 1
67) sec-Butylbenzene	17.32	105	58776	0.098	ppbv	# 79
69) p-Isopropyltoluene	17.68	119	73372	0.151	ppbv	93
71) 2-Chlorotoluene	15.48	91	59842	0.177	ppbv	98
72) 4-Ethyltoluene	15.86	105	33690	0.097	ppbv	# 66
73) 1,3,5-Trimethylbenzene	16.02	105	55607	0.166	ppbv	# 79
74) 1,2,4-Trimethylbenzene	16.79	105	37619	0.098	ppbv	# 77
75) 1,3-Dichlorobenzene	17.02	146	22229	0.089	ppbv	# 39
76) 1,4-Dichlorobenzene	17.17	146	10914	0.047	ppbv	# 1
77) 1,2-Dichlorobenzene	17.84	146	7778	0.034	ppbv	# 22
78) Hexachloro-1,3-Butadiene	23.40	225	10489	0.053	ppbv	# 18
79) Naphthalene	22.24	128	49799	0.169	ppbv	# 90
80) Naphthalene,2-methyl-	25.00	142	29346	0.438	ppbv	95
81) 1,2,4-Trichlorobenzene	21.95	180	8511	0.046	ppbv	# 12

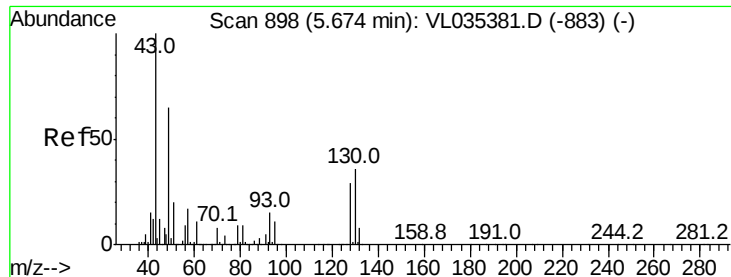
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.67 min Scan# 897

Delta R.T. -0.00 min

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ClientSampleId :

VSTDIC0.1

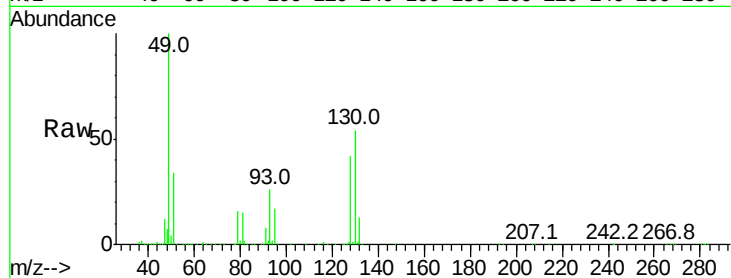
Tgt Ion: 49 Resp: 1446239

Ion Ratio Lower Upper

49 100

128 44.0 21.8 65.3

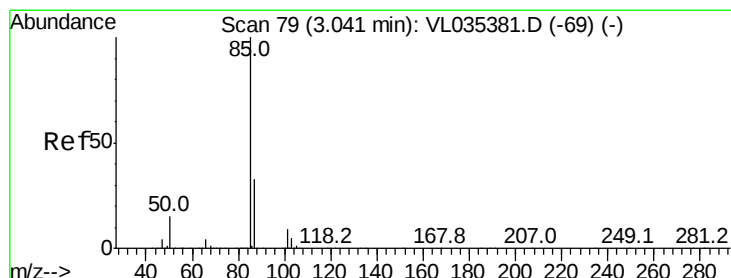
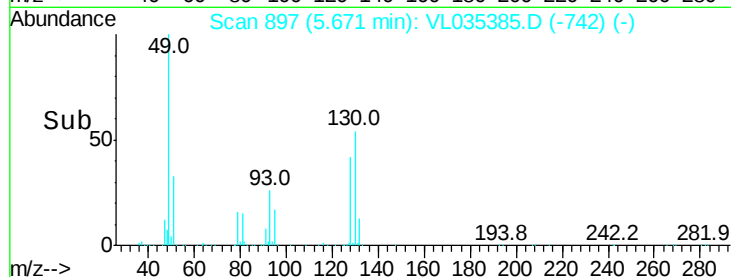
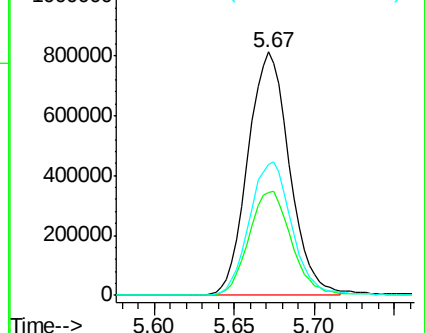
130 56.1 27.9 83.6



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



#2

Dichlorodifluoromethane

Concen: 0.128 ppbv

RT: 3.18 min Scan# 123

Delta R.T. 0.14 min

Lab File: VL035385.D

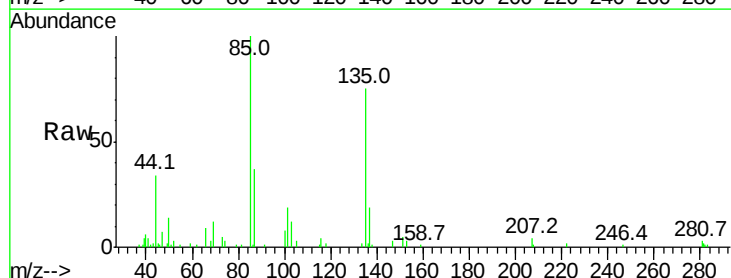
Acq: 12 Aug 2020 14:38

Tgt Ion: 85 Resp: 24642

Ion Ratio Lower Upper

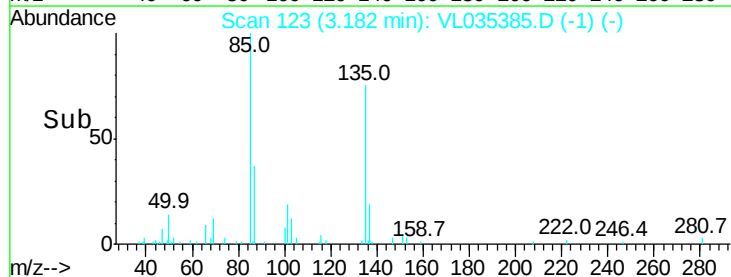
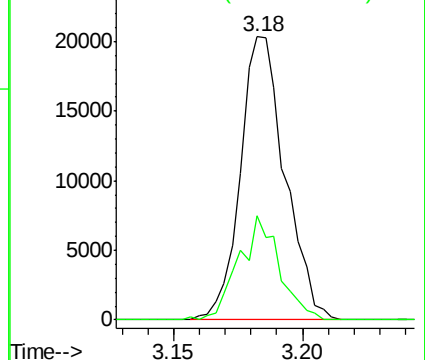
85 100

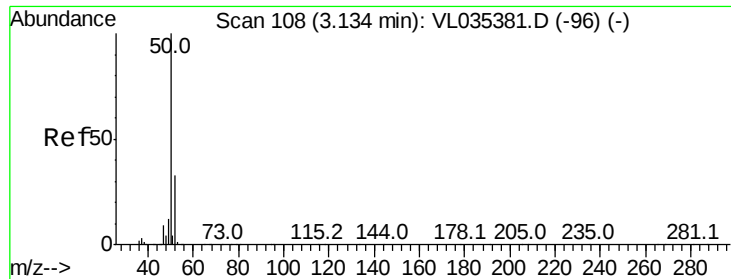
87 36.8 26.1 39.1



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0





#4

Chloromethane

Concen: 0.139 ppbv

RT: 3.14 min Scan# 110

Delta R.T. 0.01 min

Lab File: VL035385.D

Acq: 12 Aug 2020 14:38

Instrument :

MSVOA_L

ClientSampleId :

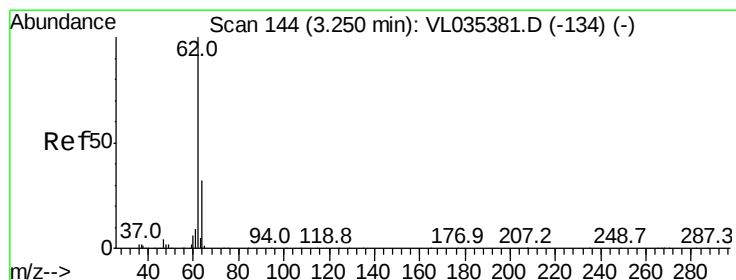
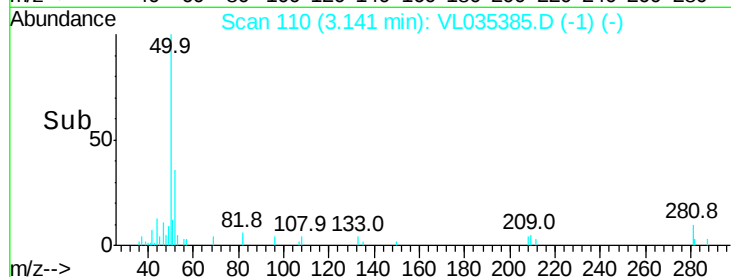
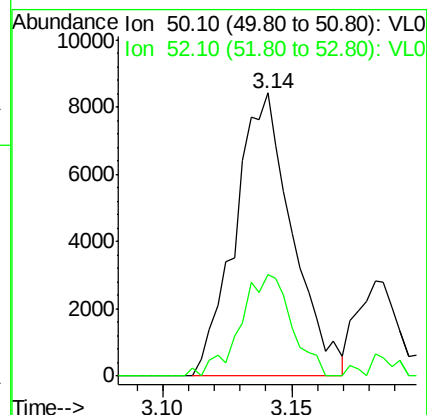
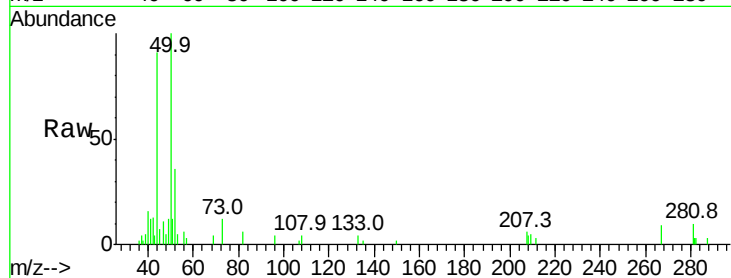
VSTDIC0.1

Tgt Ion: 50 Resp: 13021

Ion Ratio Lower Upper

50 100

52 35.8 26.6 39.8



#5

Vinyl Chloride

Concen: 0.103 ppbv

RT: 3.25 min Scan# 145

Delta R.T. 0.00 min

Lab File: VL035385.D

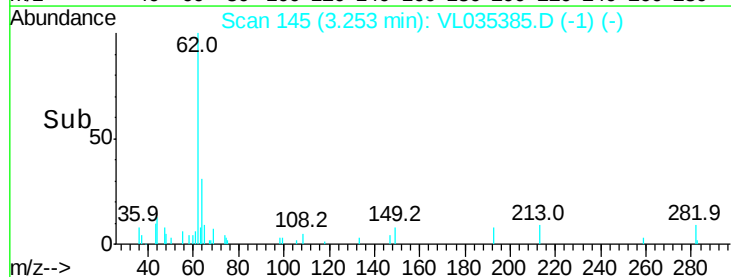
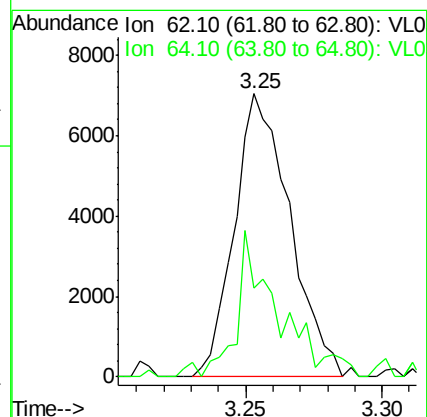
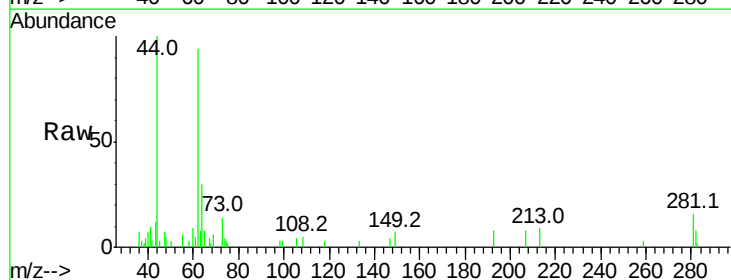
Acq: 12 Aug 2020 14:38

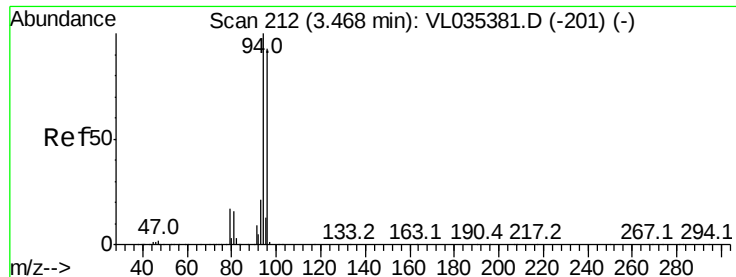
Tgt Ion: 62 Resp: 9923

Ion Ratio Lower Upper

62 100

64 35.3 25.7 38.5





#6

Bromomethane

Concen: 0.053 ppbv

RT: 3.47 min Scan# 212

Delta R.T. 0.00 min

Lab File: VL035385.D

Acq: 12 Aug 2020 14:38

Instrument :

MSVOA_L

ClientSampleId :

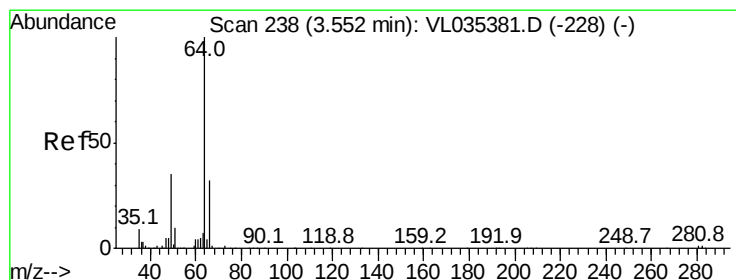
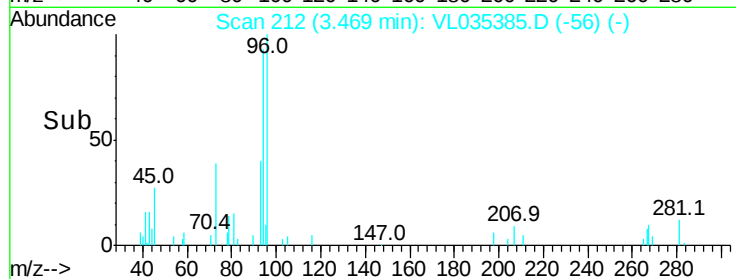
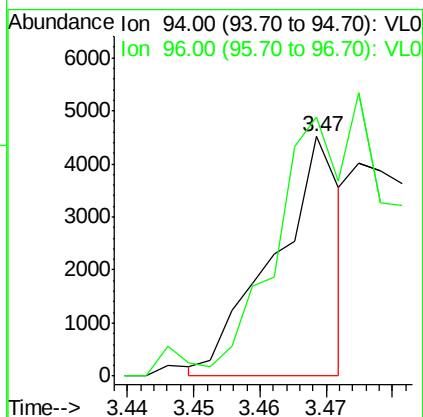
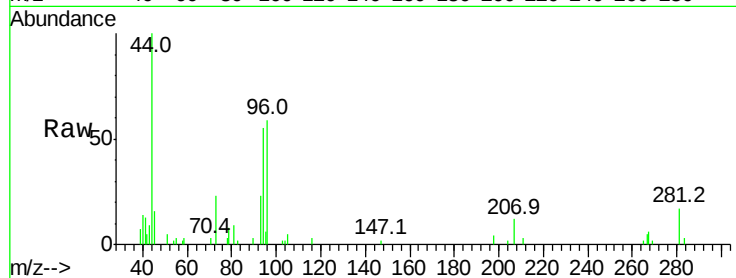
VSTDIC0.1

Tgt Ion: 94 Resp: 3127

Ion Ratio Lower Upper

94 100

96 106.7 74.4 111.6



#7

Chloroethane

Concen: 0.118 ppbv

RT: 3.56 min Scan# 241

Delta R.T. 0.01 min

Lab File: VL035385.D

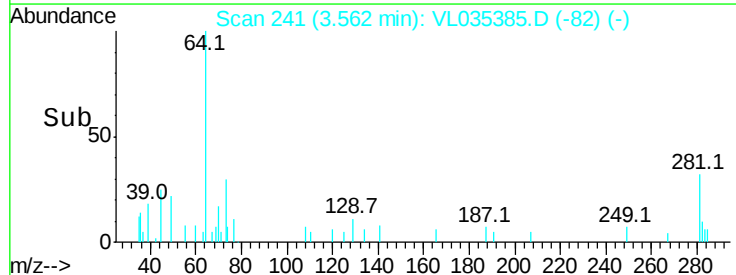
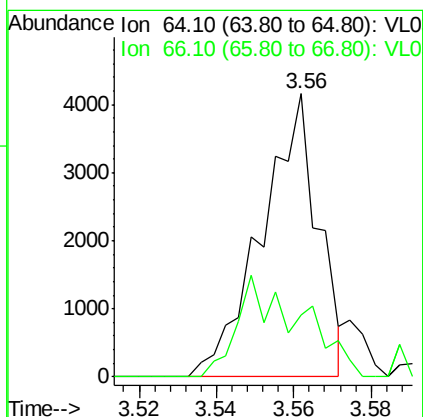
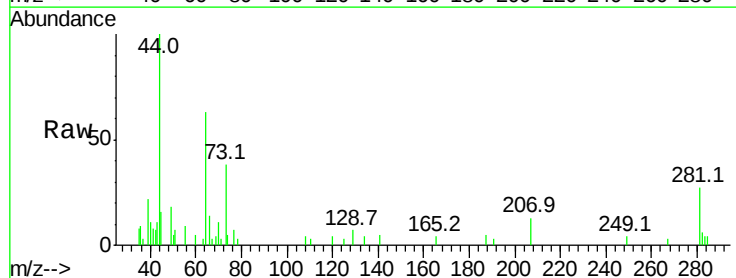
Acq: 12 Aug 2020 14:38

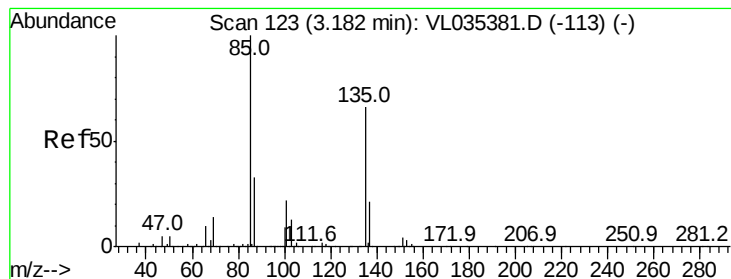
Tgt Ion: 64 Resp: 4197

Ion Ratio Lower Upper

64 100

66 22.0 25.7 38.5#





#8

Dichlorotetrafluoroethane

Concen: 0.108 ppbv

RT: 3.18 min Scan# 123

Delta R.T. 0.00 min

Lab File: VL035385.D

Acq: 12 Aug 2020 14:38

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MSVOA_L

ClientSampleId :

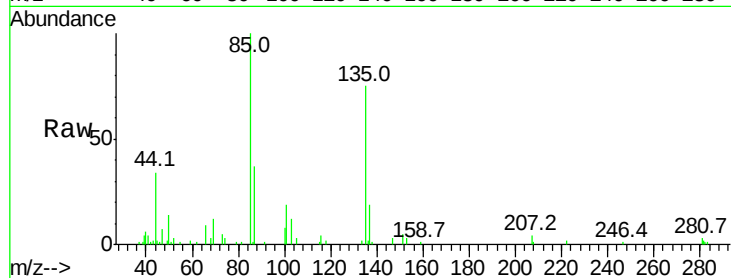
VSTDIC0.1

Tgt Ion: 85 Resp: 24642

Ion Ratio Lower Upper

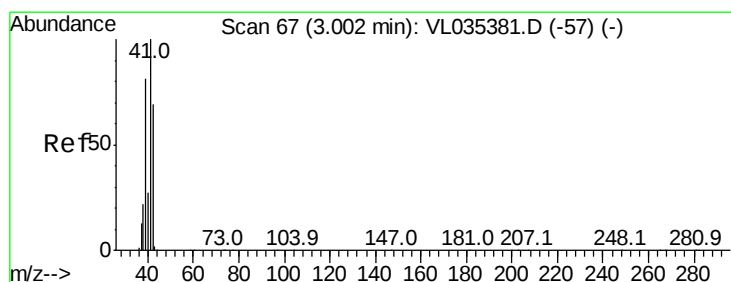
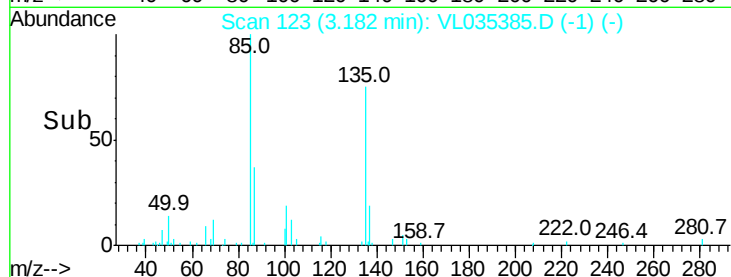
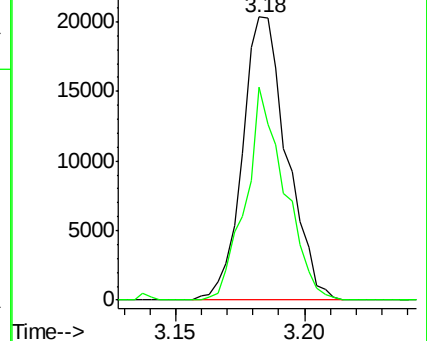
85 100

135 65.7 52.5 78.7



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 135.00 (134.70 to 135.70): V



#9

Propene

Concen: 0.245 ppbv

RT: 3.00 min Scan# 67

Delta R.T. 0.00 min

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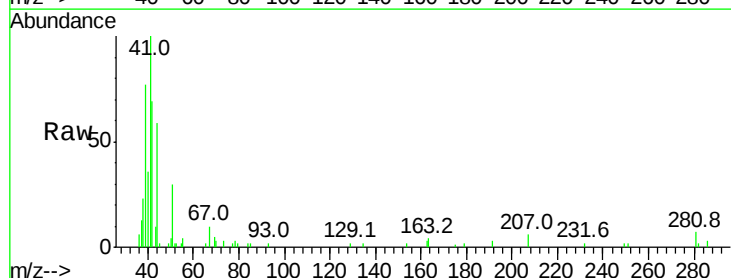
Acq: 12 Aug 2020 14:38

Tgt Ion: 41 Resp: 14419

Ion Ratio Lower Upper

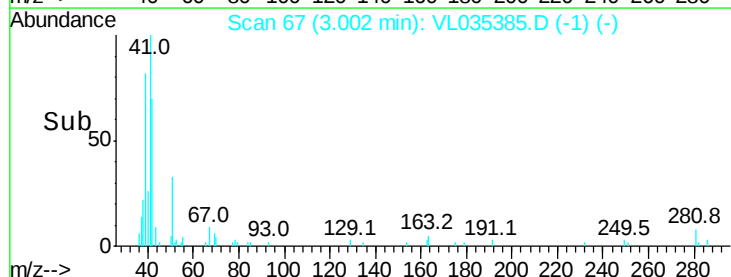
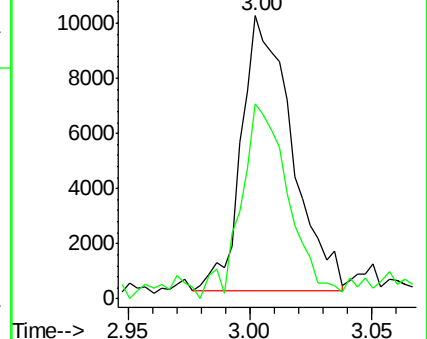
41 100

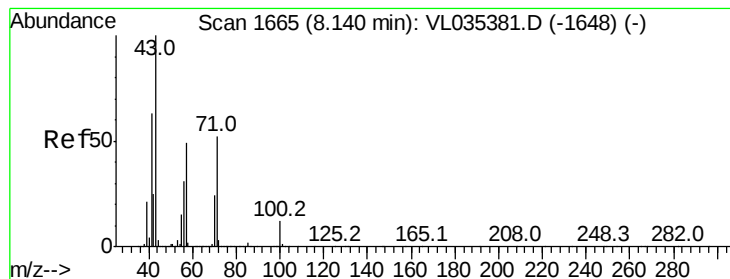
42 75.4 55.4 83.2



Abundance Ion 41.10 (40.80 to 41.80): VL0

Ion 42.10 (41.80 to 42.80): VL0





#10

Heptane

Concen: 0.162 ppbv

RT: 8.13 min Scan# 1663

Delta R.T. -0.01 min

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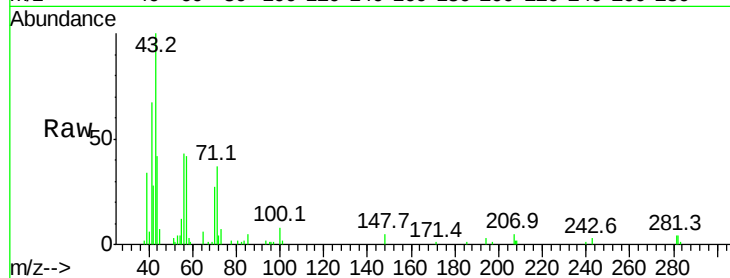
VSTDIC0.1

Tgt Ion: 43 Resp: 24345

Ion Ratio Lower Upper

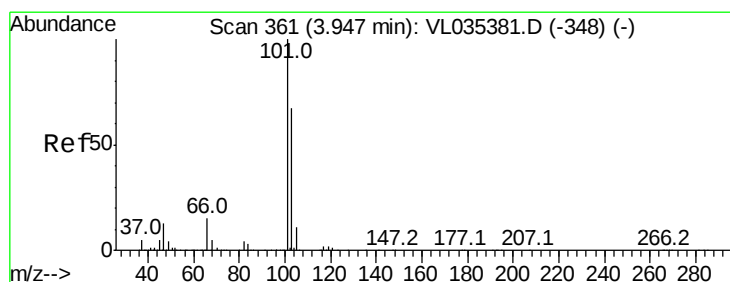
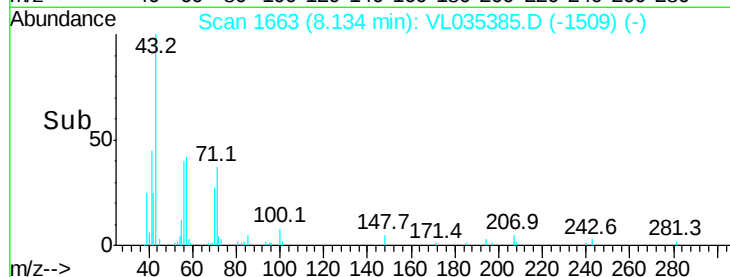
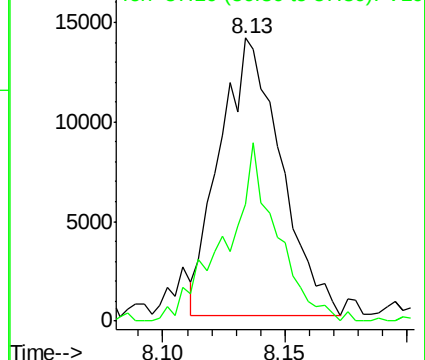
43 100

57 53.8 39.4 59.2



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 57.10 (56.80 to 57.80): VL0



#11

Trichlorofluoromethane

Concen: 0.096 ppbv

RT: 3.95 min Scan# 362

Delta R.T. 0.00 min

Lab File: VL035385.D

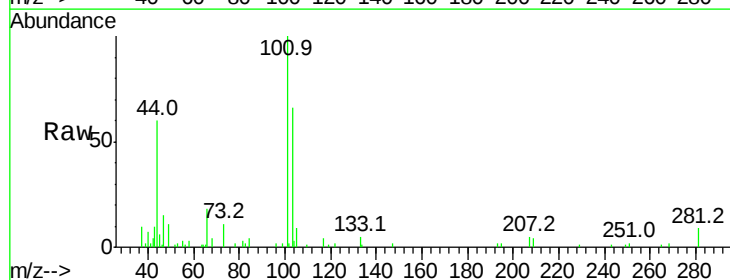
Acq: 12 Aug 2020 14:38

Tgt Ion: 101 Resp: 24006

Ion Ratio Lower Upper

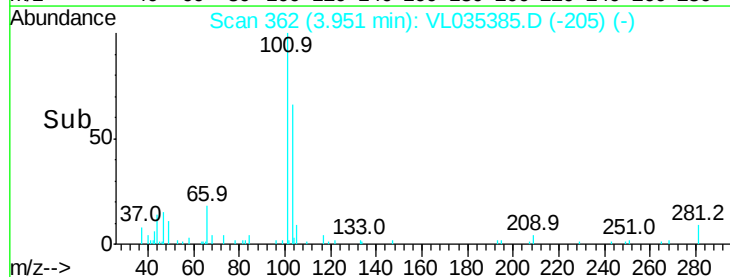
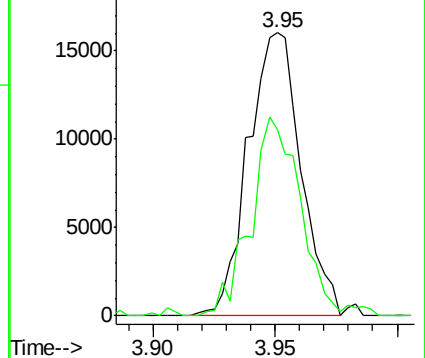
101 100

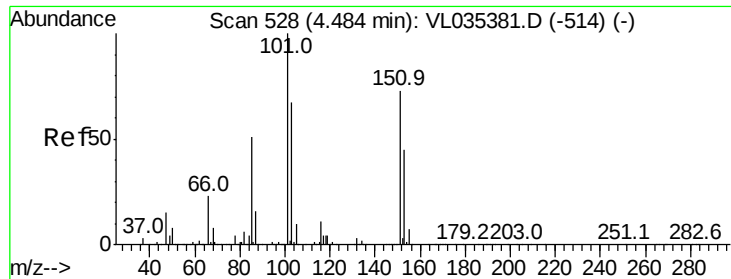
103 65.9 53.3 79.9



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V





#12

1,1,2-Trichlorotrifluoroethane

Concen: 0.096 ppbv

RT: 4.48 min Scan# 527

Delta R.T. -0.00 min

Lab File: VL035385.D

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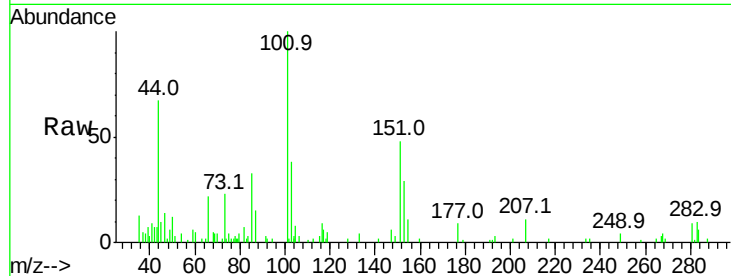
VSTDIC0.1

Tgt Ion:101 Resp: 17092

Ion Ratio Lower Upper

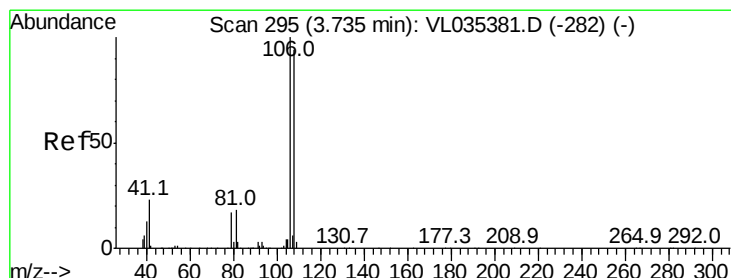
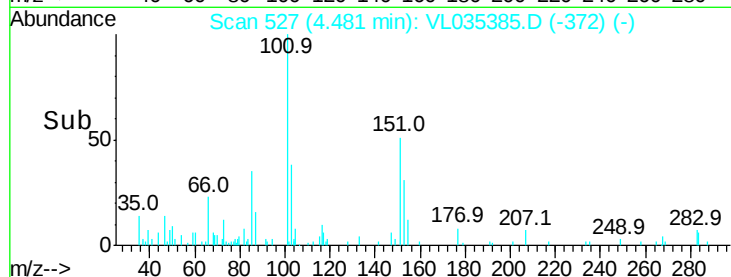
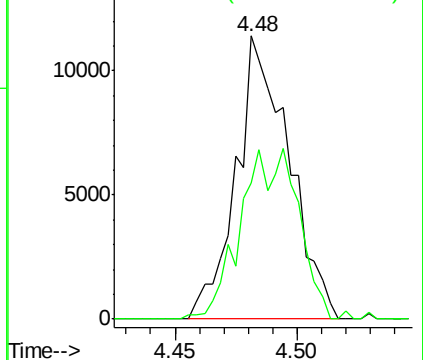
101 100

151 66.2 57.0 85.6



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 151.00 (150.70 to 151.70): V



#14

Bromoethene

Concen: 0.114 ppbv

RT: 3.74 min Scan# 297

Delta R.T. 0.01 min

Lab File: VL035385.D

Acq: 12 Aug 2020 14:38

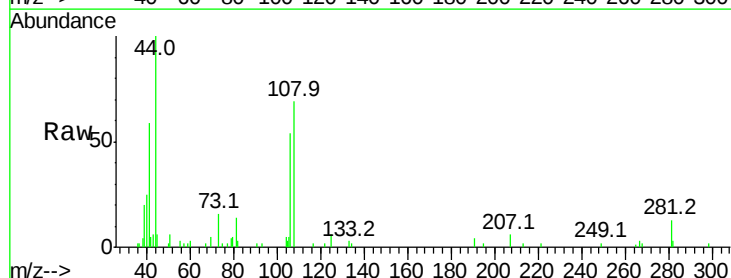
Tgt Ion:108 Resp: 8177

Ion Ratio Lower Upper

108 100

106 98.0 84.9 127.3

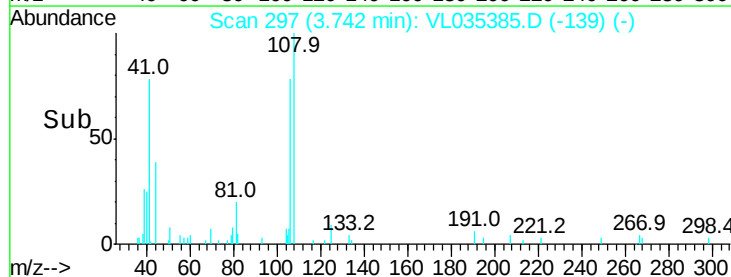
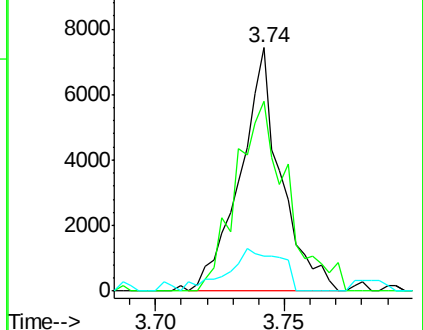
79 23.7 15.8 23.8

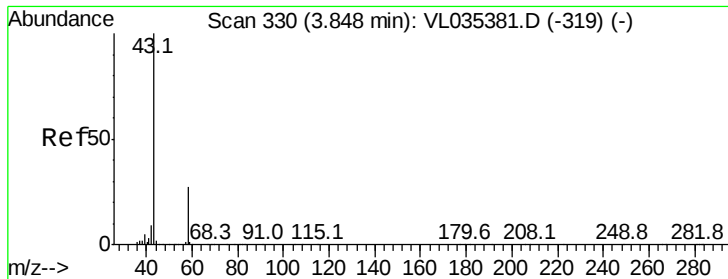


Abundance Ion 108.00 (107.70 to 108.70): V

Ion 106.00 (105.70 to 106.70): V

Ion 79.00 (78.70 to 79.70): VL0





#15

Acetone

Concen: 0.187 ppbv

RT: 3.87 min Scan# 337

Delta R.T. 0.02 min

Lab File: VL035385.D

Acq: 12 Aug 2020 14:38

Instrument :

MSVOA_L

ClientSampleId :

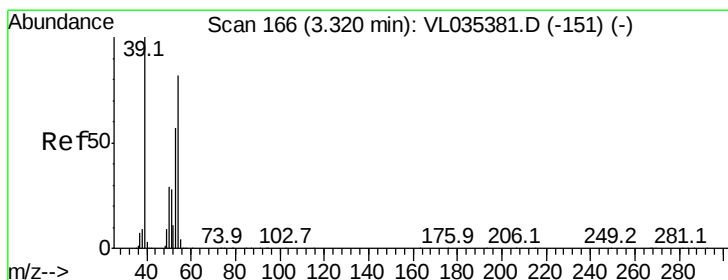
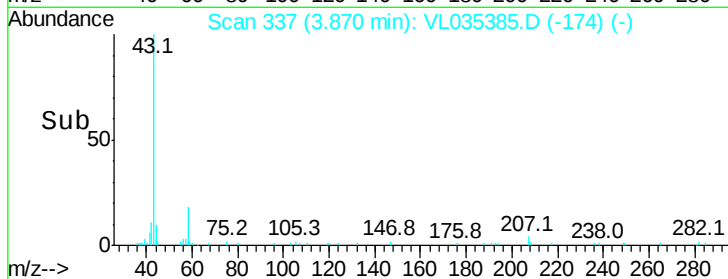
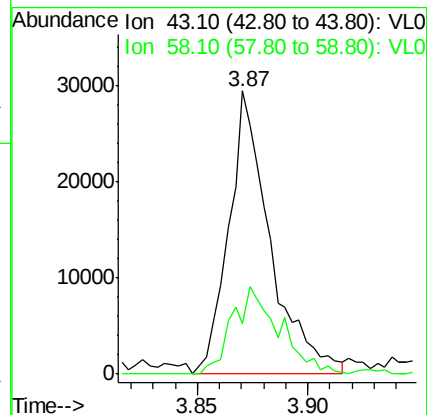
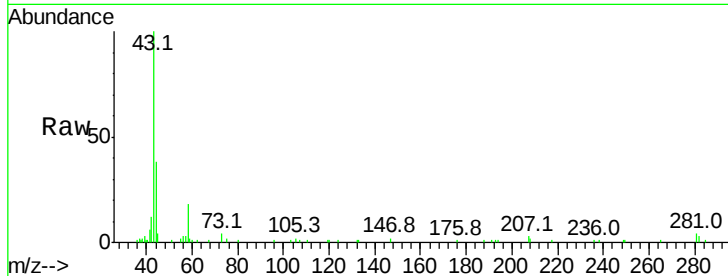
VSTDIC0.1

Tgt Ion: 43 Resp: 38378

Ion Ratio Lower Upper

43 100

58 35.2 21.7 32.5#



#16

1,3-Butadiene

Concen: 0.122 ppbv

RT: 3.32 min Scan# 166

Delta R.T. 0.00 min

Lab File: VL035385.D

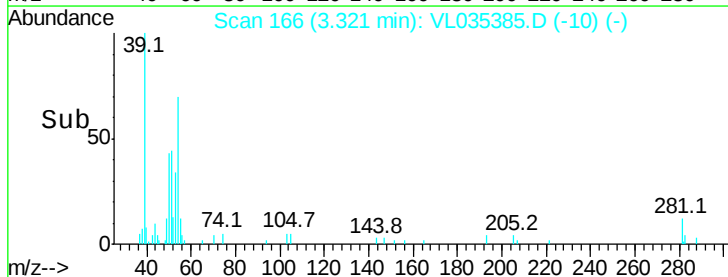
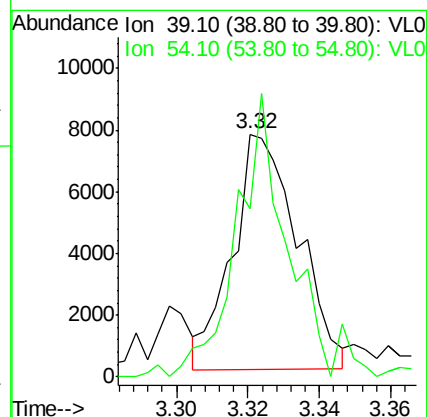
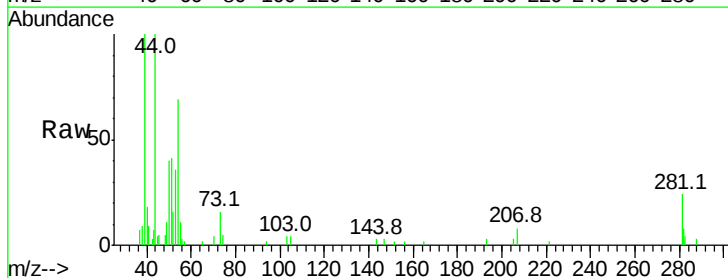
Acq: 12 Aug 2020 14:38

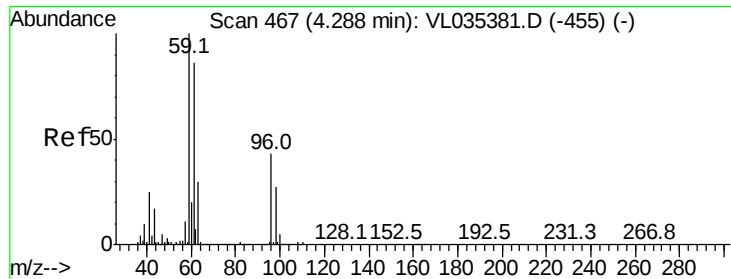
Tgt Ion: 39 Resp: 9662

Ion Ratio Lower Upper

39 100

54 99.1 64.9 97.3#

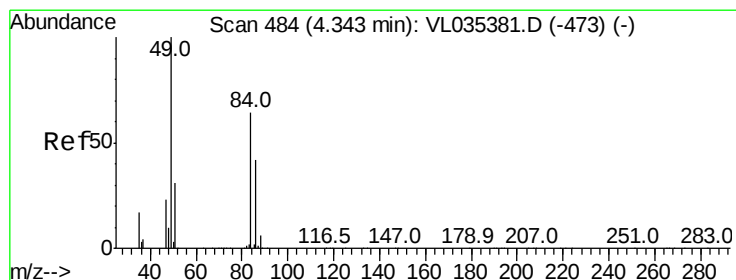
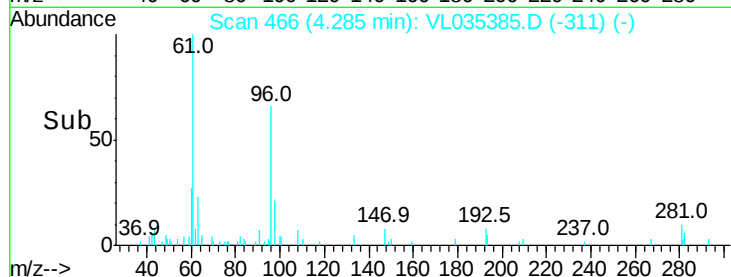
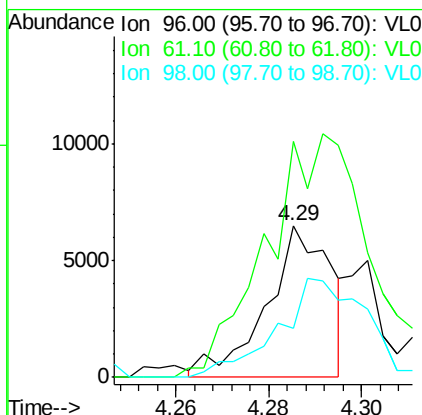
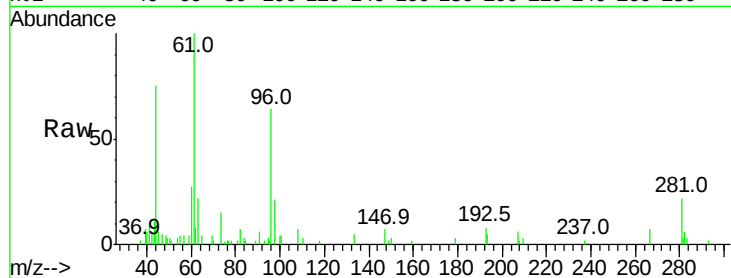




#18
 1,1-Dichloroethene
 Concen: 0.081 ppbv
 RT: 4.29 min Scan# 466
 Delta R.T. -0.00 min
 Lab File: VL035385.D
 Acq: 12 Aug 2020 14:38

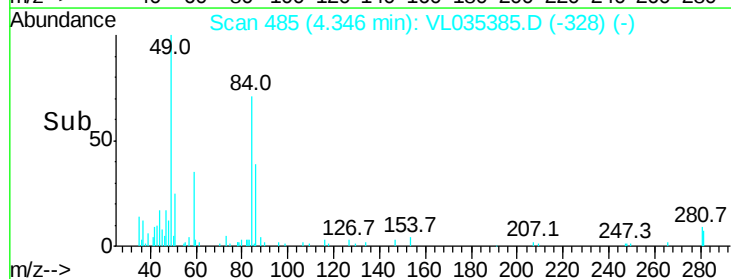
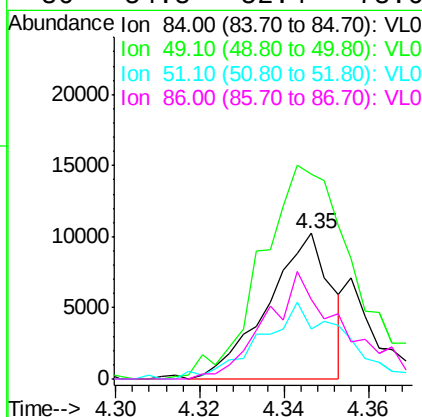
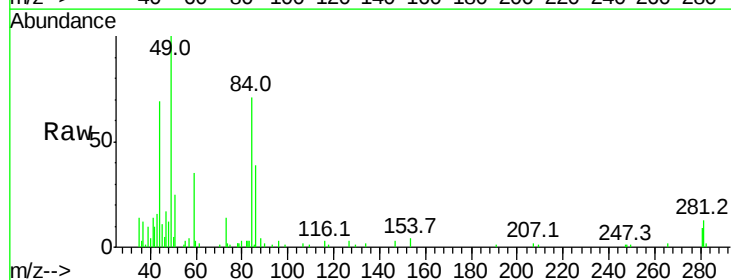
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.1

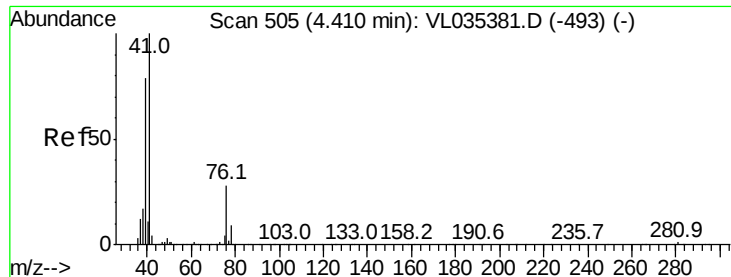
Tgt Ion: 96 Resp: 6225
 Ion Ratio Lower Upper
 96 100
 61 157.1 159.0 238.4#
 98 34.2 50.3 75.5#



#20
 Methylene Chloride
 Concen: 0.127 ppbv
 RT: 4.35 min Scan# 485
 Delta R.T. 0.00 min
 Lab File: VL035385.D
 Acq: 12 Aug 2020 14:38

Tgt Ion: 84 Resp: 10610
 Ion Ratio Lower Upper
 84 100
 49 137.6 125.7 188.5
 51 29.2 38.5 57.7#
 86 54.8 52.4 78.6

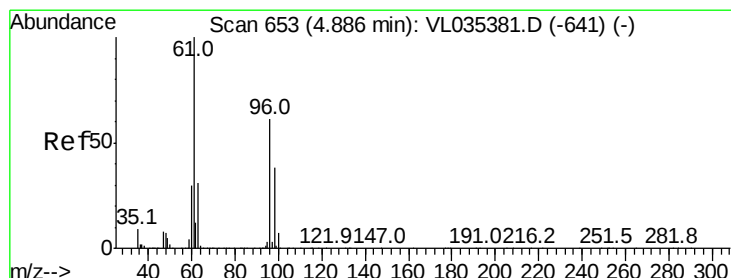
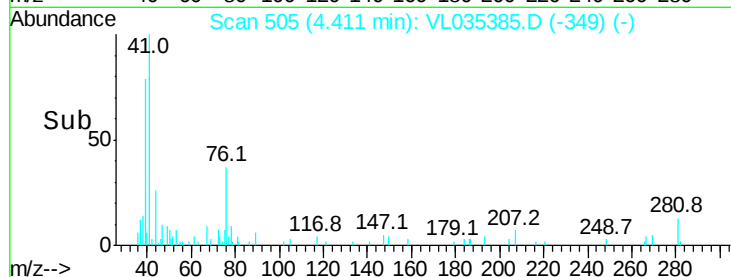
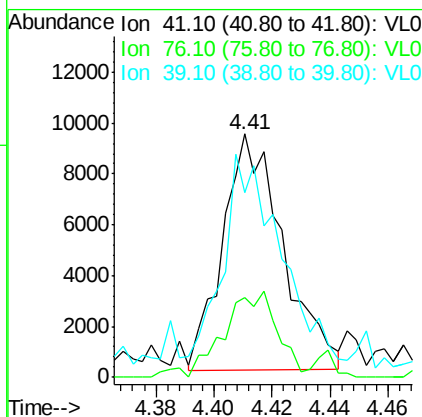
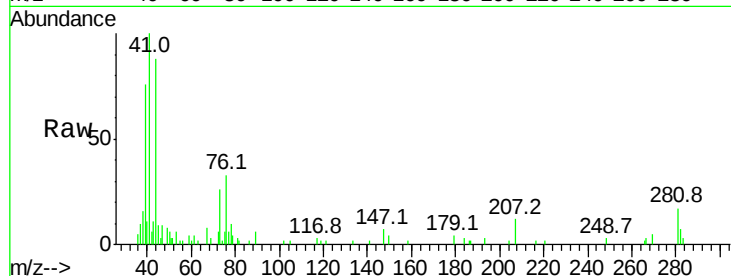




#21
 Allyl Chloride
 Concen: 0.114 ppbv
 RT: 4.41 min Scan# 505
 Delta R.T. 0.00 min
 Lab File: VL035385.D
 Acq: 12 Aug 2020 14:38

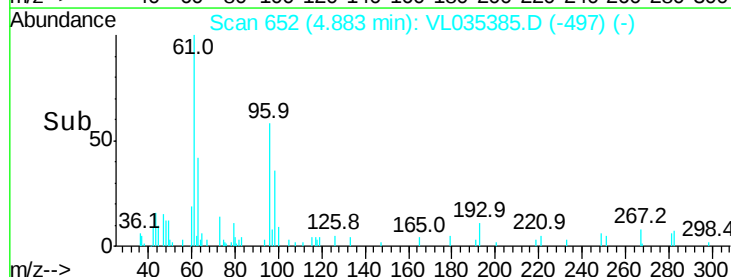
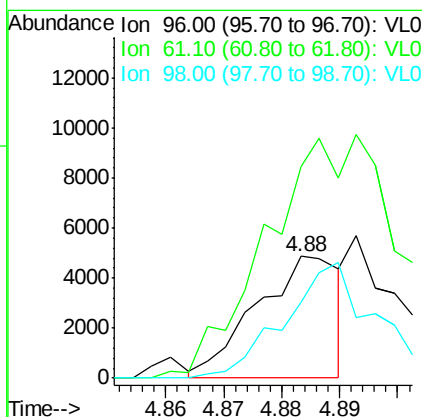
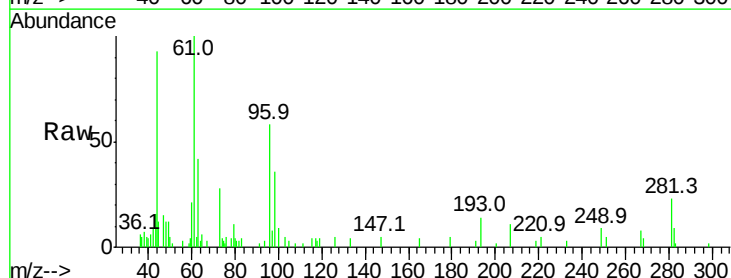
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.1

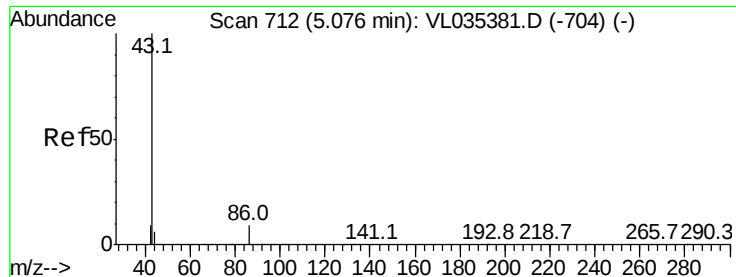
Tgt Ion: 41 Resp: 13373
 Ion Ratio Lower Upper
 41 100
 76 36.6 22.4 33.6#
 39 98.0 63.0 94.4#



#22
 trans-1,2-Dichloroethene
 Concen: 0.065 ppbv
 RT: 4.88 min Scan# 652
 Delta R.T. -0.00 min
 Lab File: VL035385.D
 Acq: 12 Aug 2020 14:38

Tgt Ion: 96 Resp: 4840
 Ion Ratio Lower Upper
 96 100
 61 178.7 131.8 197.6
 98 65.8 49.6 74.4





#23

Vinyl Acetate

Concen: 0.210 ppbv

RT: 5.09 min Scan# 715

Delta R.T. 0.01 min

Lab File: VL035385.D

Acq: 12 Aug 2020 14:38

Instrument :

MSVOA_L

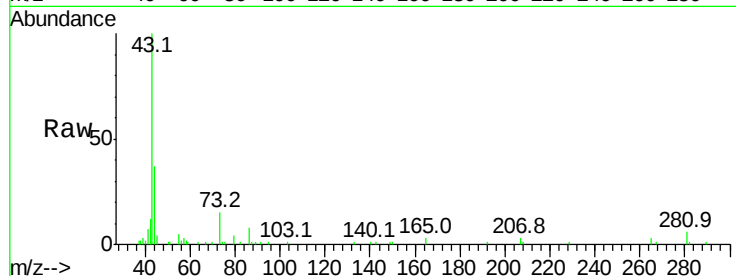
ClientSampleId :

VSTDIC0.1

Tgt Ion: 43 Resp: 41452

Ion Ratio Lower Upper

43	100		
86	8.7	5.8	8.8
42	9.3	8.0	12.0
44	13.7	4.2	6.2#

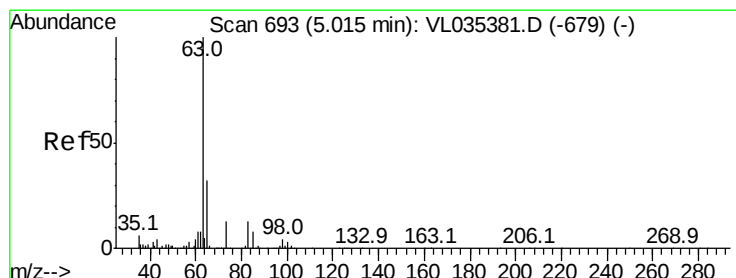
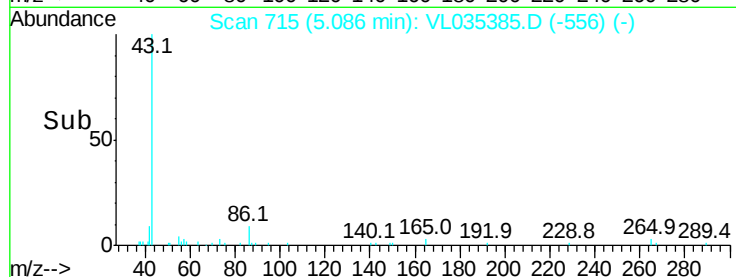
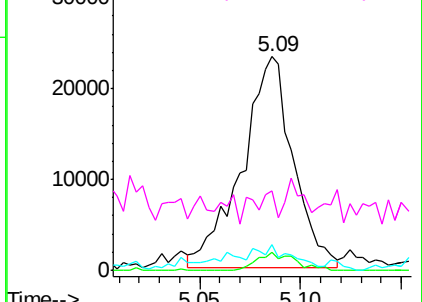


Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 86.10 (85.80 to 86.80): VL0

Ion 42.10 (41.80 to 42.80): VL0

Ion 44.10 (43.80 to 44.80): VL0



#24

1,1-Dichloroethane

Concen: 0.116 ppbv

RT: 5.01 min Scan# 692

Delta R.T. -0.00 min

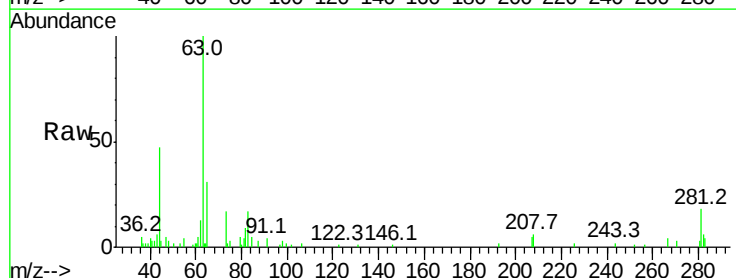
Lab File: VL035385.D

Acq: 12 Aug 2020 14:38

Tgt Ion: 63 Resp: 21482

Ion Ratio Lower Upper

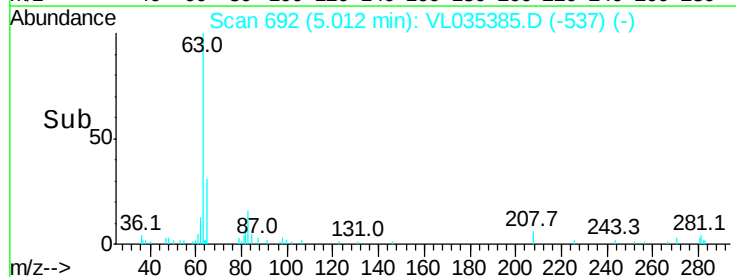
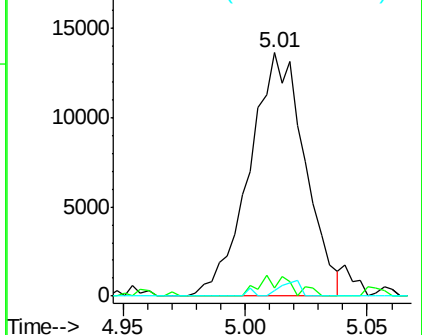
63	100		
98	3.1	2.2	6.6
100	2.1	1.4	4.0

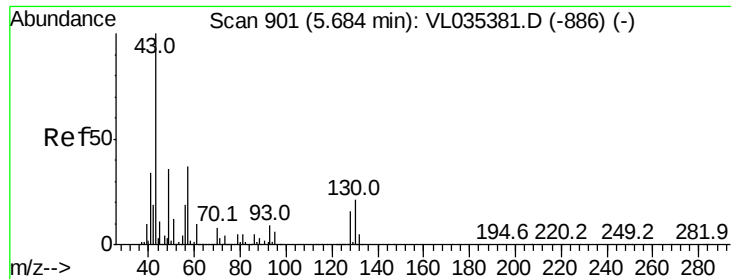


Abundance Ion 63.10 (62.80 to 63.80): VL0

Ion 98.00 (97.70 to 98.70): VL0

Ion 100.00 (99.70 to 100.70): VL0

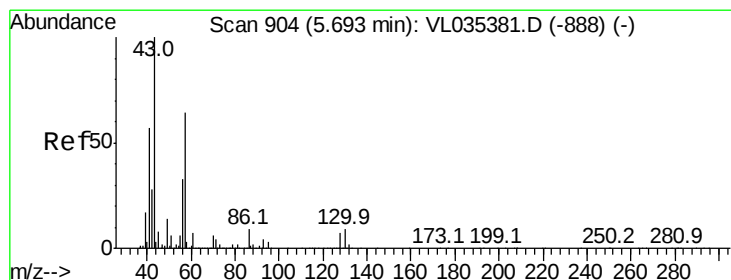
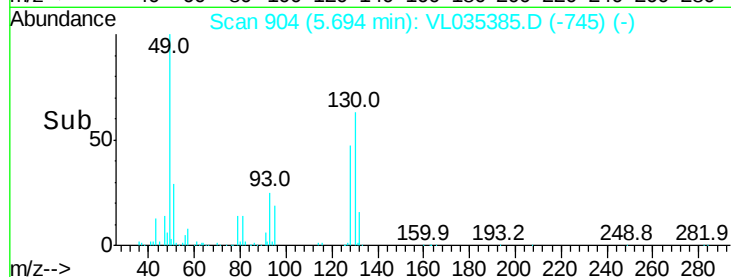
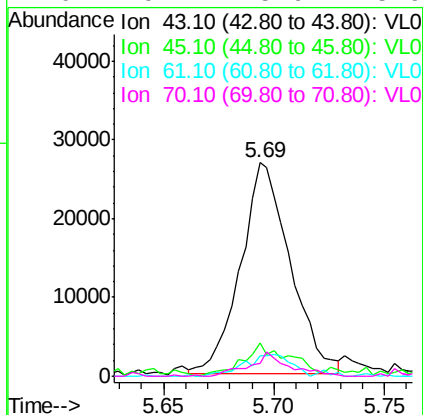
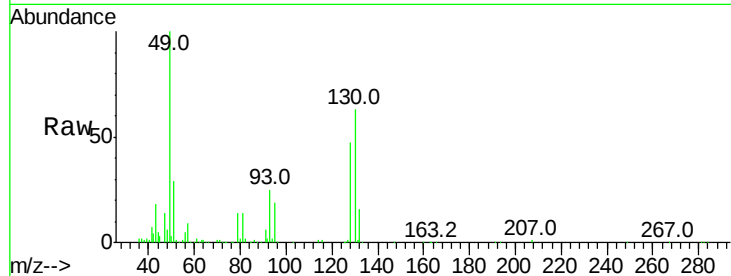




#25
Ethyl Acetate
Concen: 0.135 ppbv
RT: 5.69 min Scan# 904
Delta R.T. 0.01 min
Lab File: VL035385.D
Acq: 12 Aug 2020 14:38

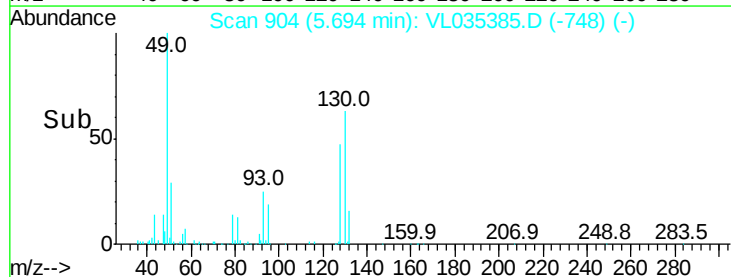
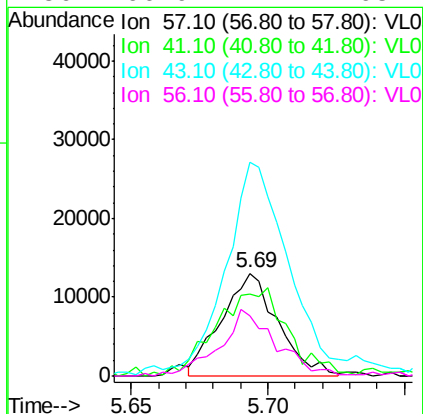
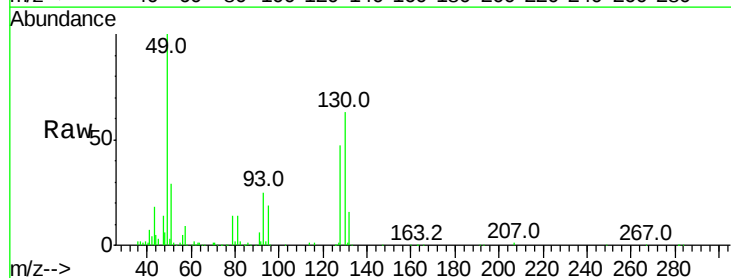
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.1

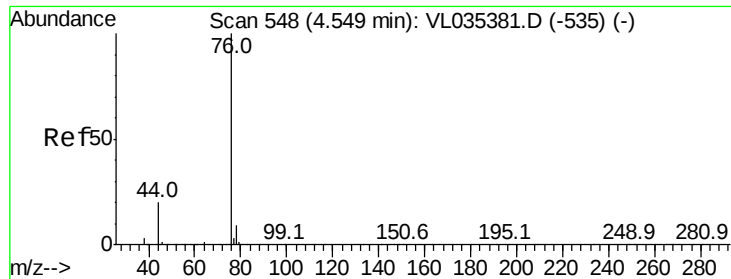
Tgt Ion:	43	Resp:	41972
Ion	Ratio	Lower	Upper
43	100		
45	15.9	8.0	12.0#
61	11.0	7.4	11.2
70	9.1	5.9	8.9#



#26
Hexane
Concen: 0.138 ppbv
RT: 5.69 min Scan# 904
Delta R.T. 0.00 min
Lab File: VL035385.D
Acq: 12 Aug 2020 14:38

Tgt Ion:	57	Resp:	18675
Ion	Ratio	Lower	Upper
57	100		
41	115.0	75.4	113.2#
43	239.8	184.1	276.1
56	66.9	42.2	63.4#





#27

Carbon Disulfide

Concen: 0.042 ppbv

RT: 4.56 min Scan# 551

Delta R.T. 0.01 min

Lab File: VL035385.D

Acq: 12 Aug 2020 14:38

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.1

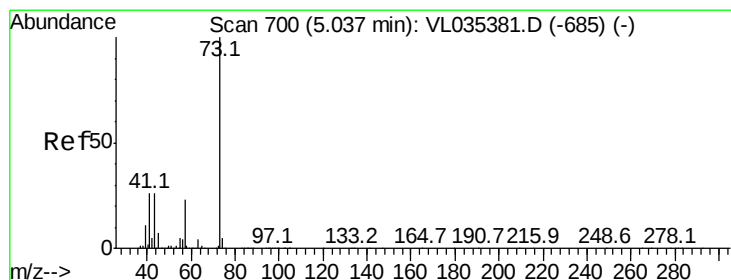
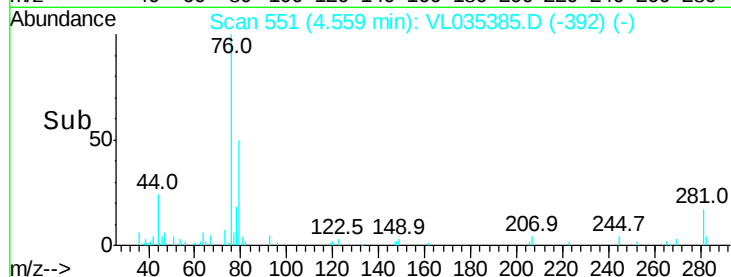
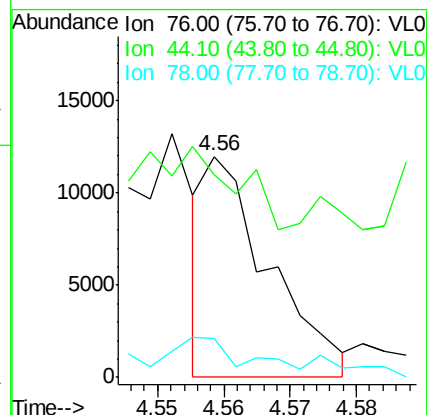
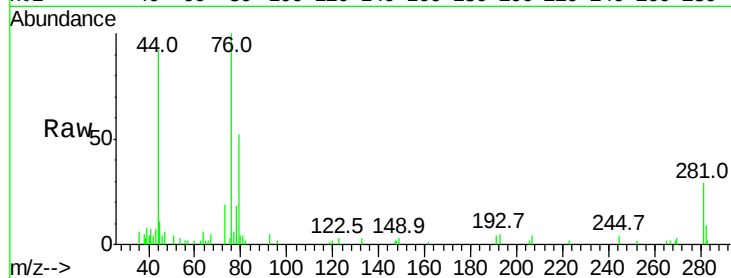
Tgt Ion: 76 Resp: 7979

Ion Ratio Lower Upper

76 100

44 86.7 17.0 25.4#

78 37.6 7.5 11.3#



#28

Methyl tert-Butyl Ether

Concen: 0.152 ppbv

RT: 5.06 min Scan# 708

Delta R.T. 0.03 min

Lab File: VL035385.D

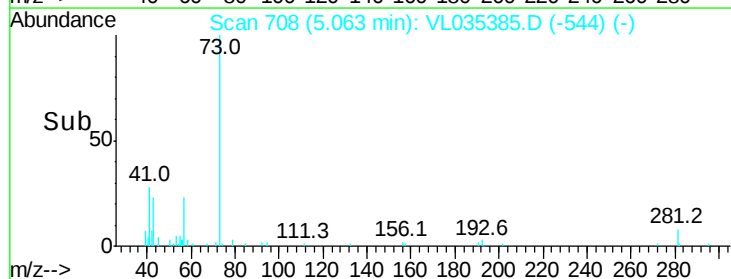
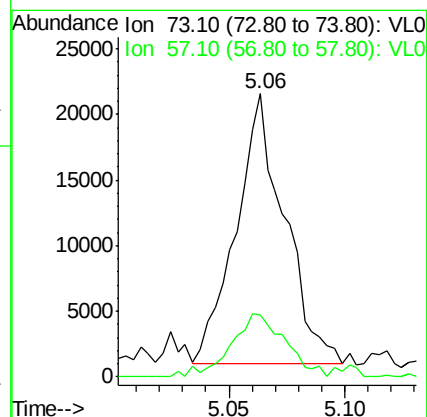
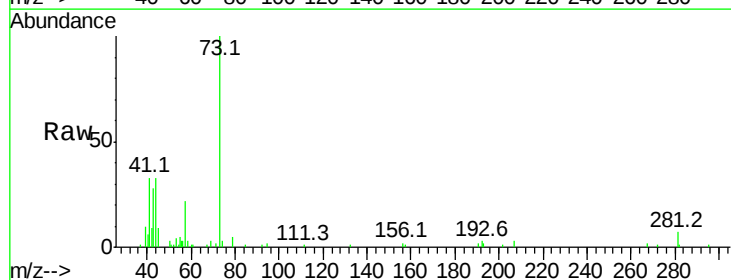
Acq: 12 Aug 2020 14:38

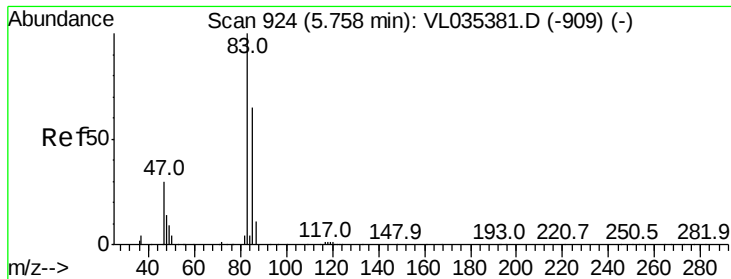
Tgt Ion: 73 Resp: 29824

Ion Ratio Lower Upper

73 100

57 27.9 19.0 28.4

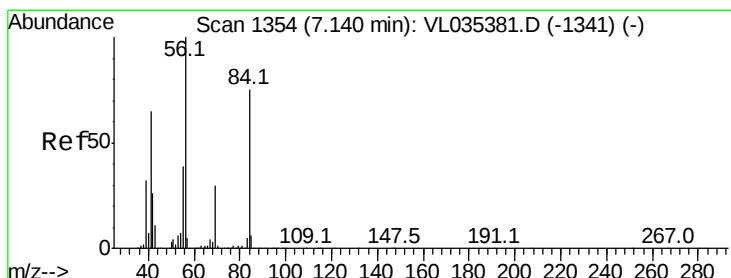
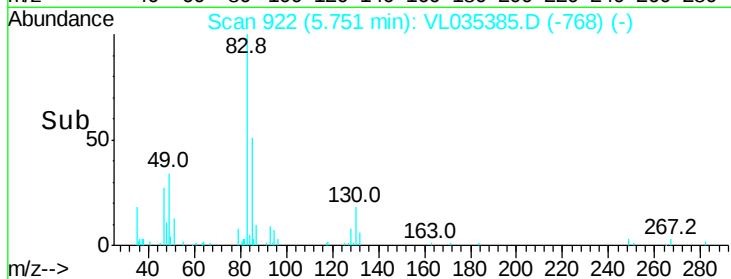
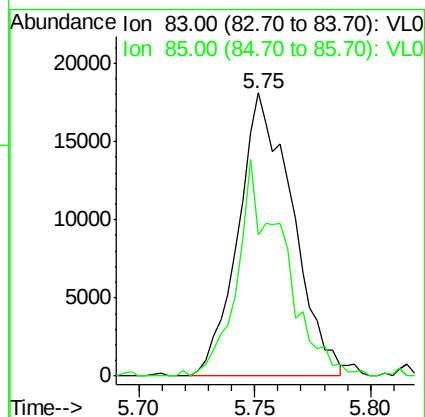
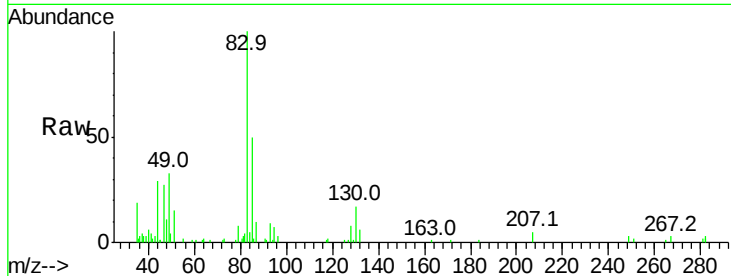




#29
Chloroform
Concen: 0.126 ppbv
RT: 5.75 min Scan# 922
Delta R.T. -0.01 min
Lab File: VL035385.D
Acq: 12 Aug 2020 14:38

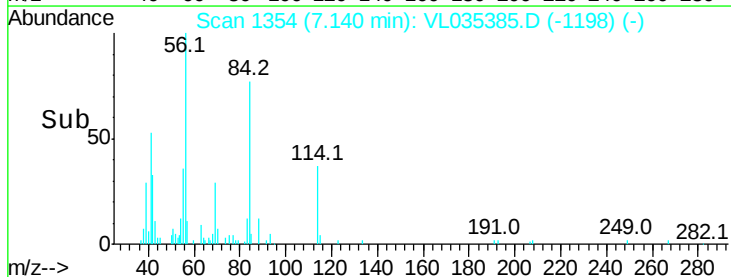
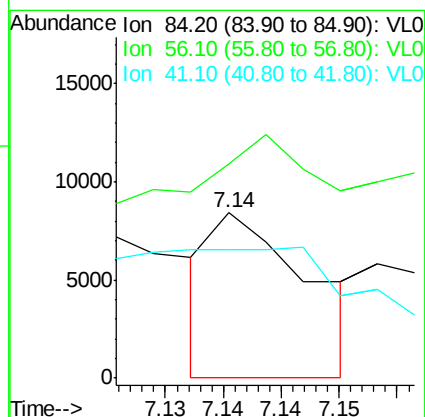
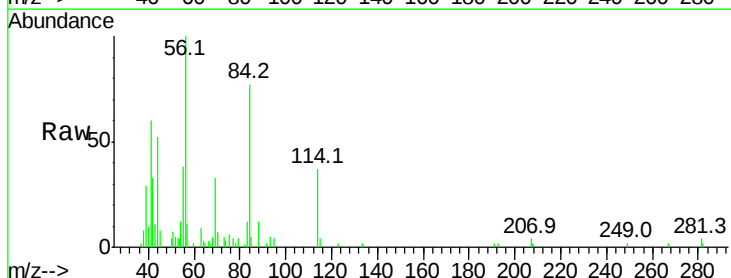
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.1

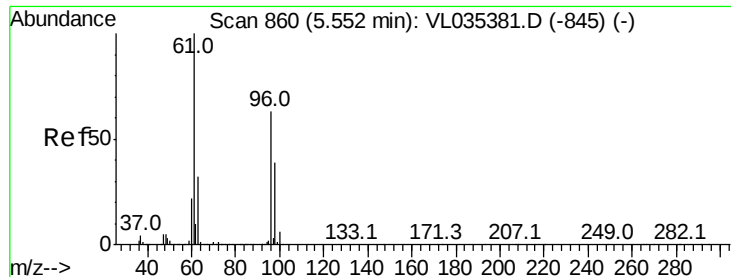
Tgt Ion: 83 Resp: 29318
Ion Ratio Lower Upper
83 100
85 50.1 51.7 77.5#



#30
Cyclohexane
Concen: 0.047 ppbv
RT: 7.14 min Scan# 1354
Delta R.T. 0.00 min
Lab File: VL035385.D
Acq: 12 Aug 2020 14:38

Tgt Ion: 84 Resp: 4851
Ion Ratio Lower Upper
84 100
56 0.0 115.8 173.6#
41 0.0 71.4 107.0#





#31

cis-1,2-Dichloroethene

Concen: 0.069 ppbv

RT: 5.56 min Scan# 861

Delta R.T. 0.00 min

Lab File: VL035385.D

Acq: 12 Aug 2020 14:38

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.1

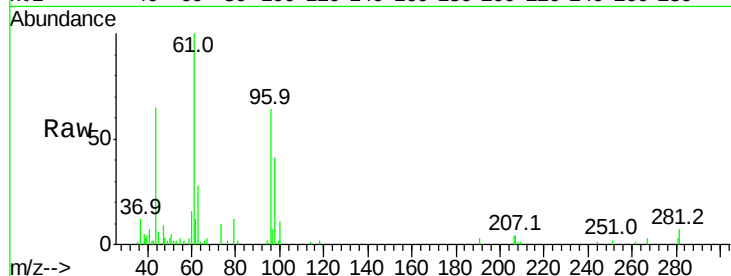
Tgt Ion: 61 Resp: 8272

Ion Ratio Lower Upper

61 100

96 58.8 50.5 75.7

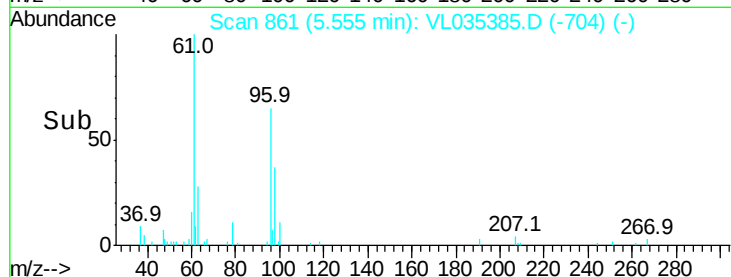
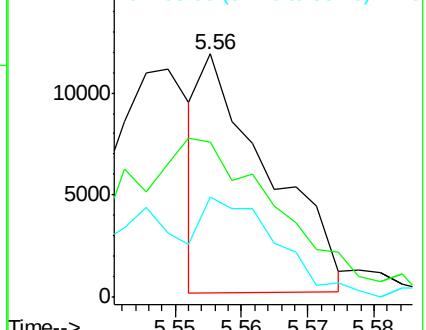
98 39.6 31.5 47.3



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



#32

1,1,1-Trichloroethane

Concen: 0.111 ppbv

RT: 6.52 min Scan# 1161

Delta R.T. 0.00 min

Lab File: VL035385.D

Acq: 12 Aug 2020 14:38

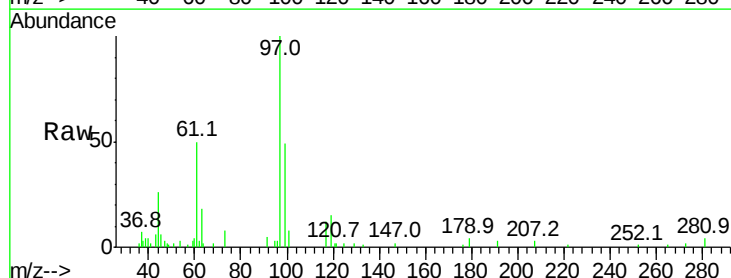
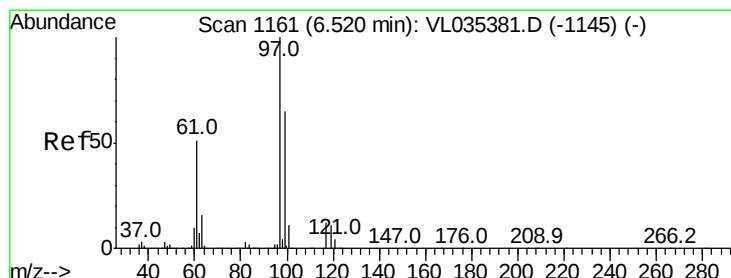
Tgt Ion: 97 Resp: 27231

Ion Ratio Lower Upper

97 100

99 66.7 51.8 77.8

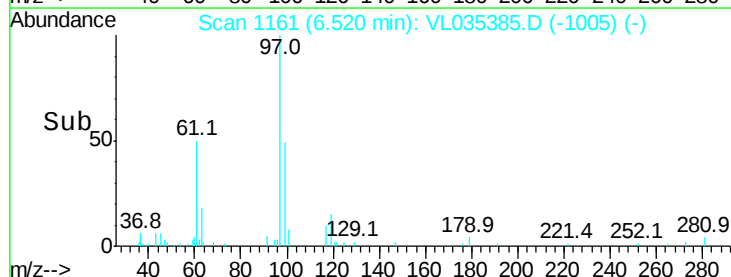
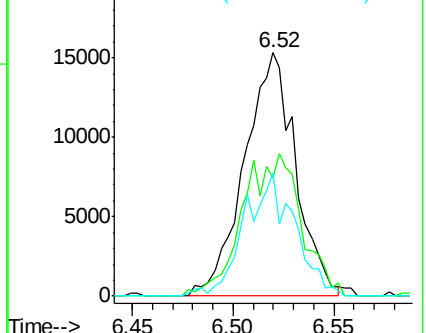
61 49.3 39.6 59.4

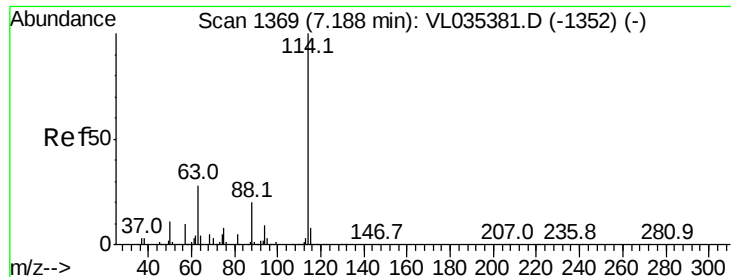


Abundance Ion 97.00 (96.70 to 97.70): VL0

Ion 99.00 (98.70 to 99.70): VL0

Ion 61.10 (60.80 to 61.80): VL0

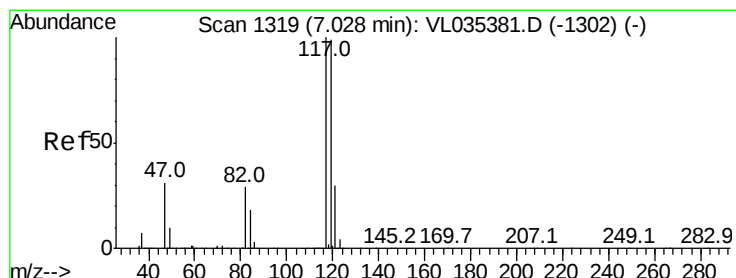
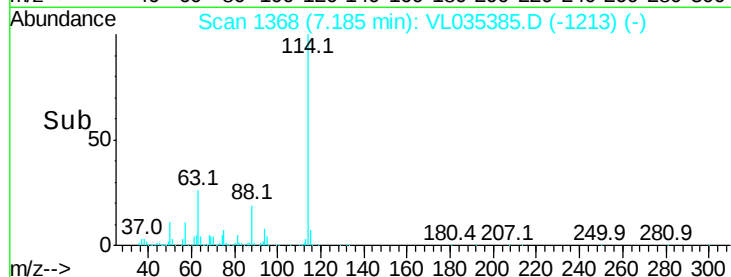
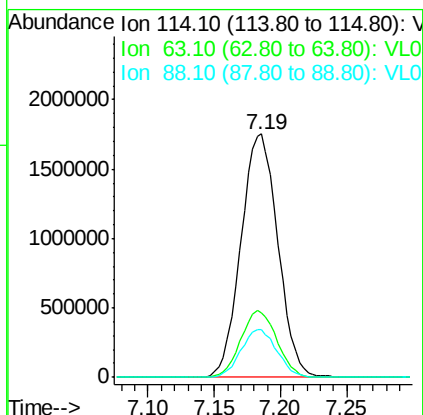
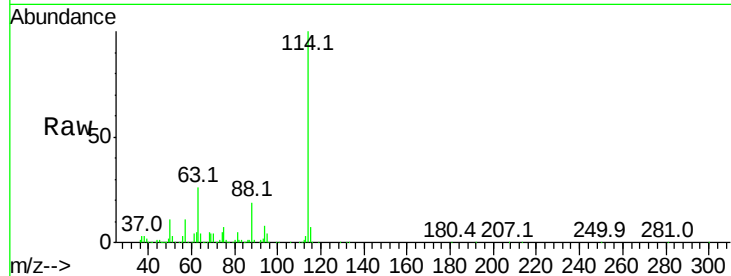




#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.19 min Scan# 1368
 Delta R.T. -0.00 min
 Lab File: VL035385.D
 Acq: 12 Aug 2020 14:38

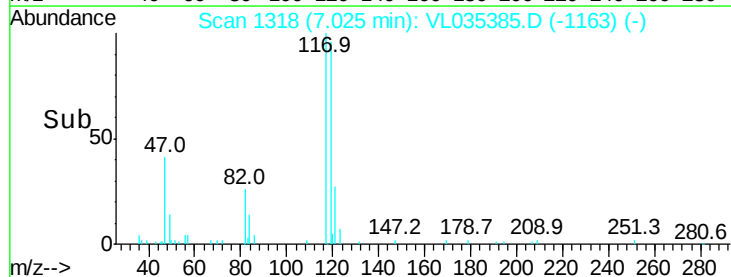
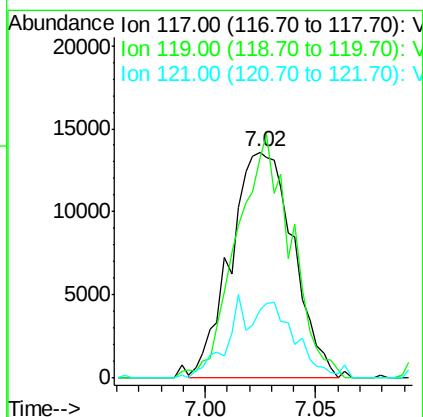
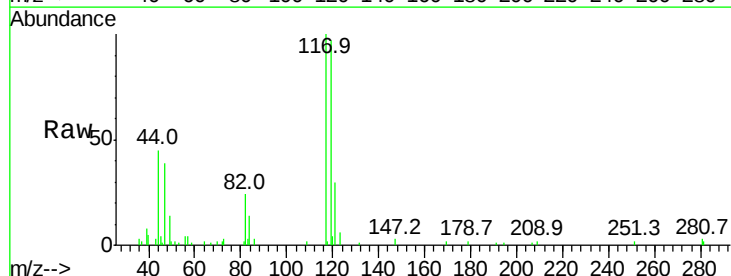
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.1

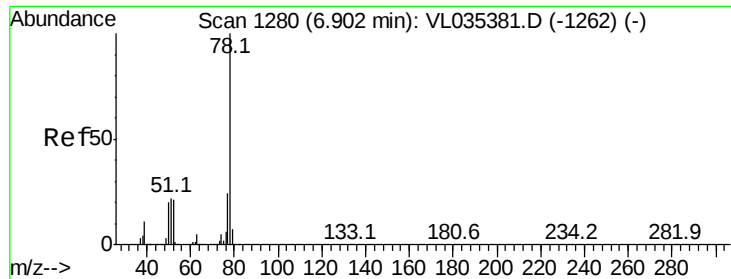
Tgt Ion:114 Resp: 3384400
 Ion Ratio Lower Upper
 114 100
 63 26.8 21.5 32.3
 88 19.4 15.6 23.4



#35
 Carbon Tetrachloride
 Concen: 0.115 ppbv
 RT: 7.02 min Scan# 1318
 Delta R.T. -0.00 min
 Lab File: VL035385.D
 Acq: 12 Aug 2020 14:38

Tgt Ion:117 Resp: 26794
 Ion Ratio Lower Upper
 117 100
 119 94.0 79.4 119.0
 121 30.5 24.3 36.5





#36

Benzene

Concen: 0.171 ppbv

RT: 6.90 min Scan# 1278

Delta R.T. -0.01 min

Lab File: VL035385.D

Acq: 12 Aug 2020 14:38

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.1

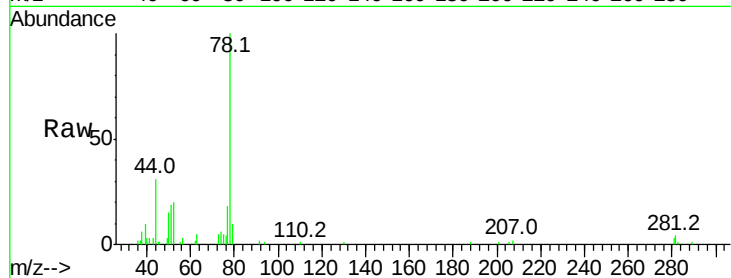
Tgt Ion: 78 Resp: 39132

Ion Ratio Lower Upper

78 100

77 17.3 19.1 28.7#

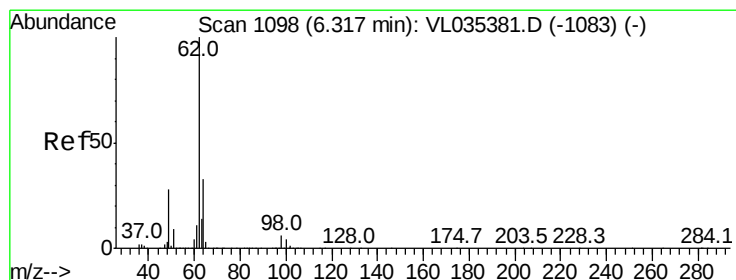
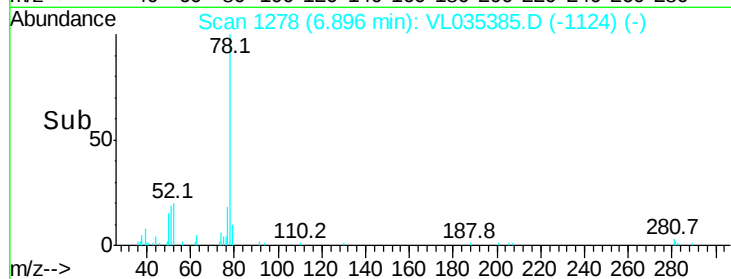
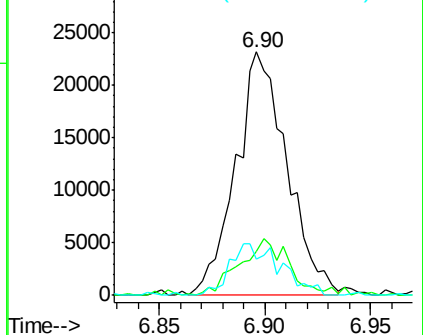
50 15.0 15.8 23.6#



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



#37

1,2-Dichloroethane

Concen: 0.141 ppbv

RT: 6.32 min Scan# 1098

Delta R.T. 0.00 min

Lab File: VL035385.D

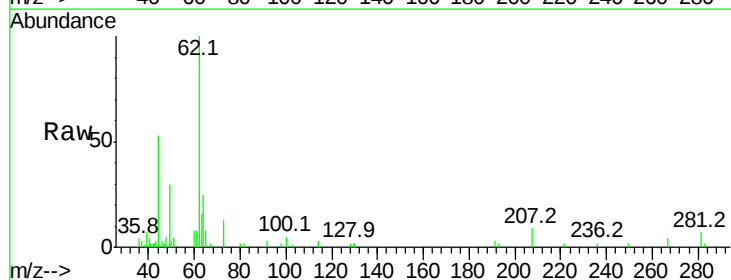
Acq: 12 Aug 2020 14:38

Tgt Ion: 62 Resp: 22570

Ion Ratio Lower Upper

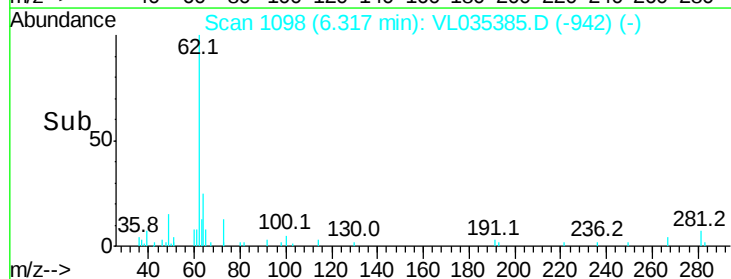
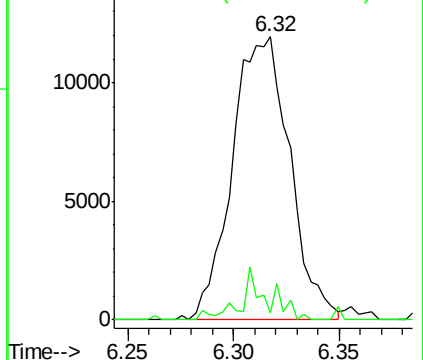
62 100

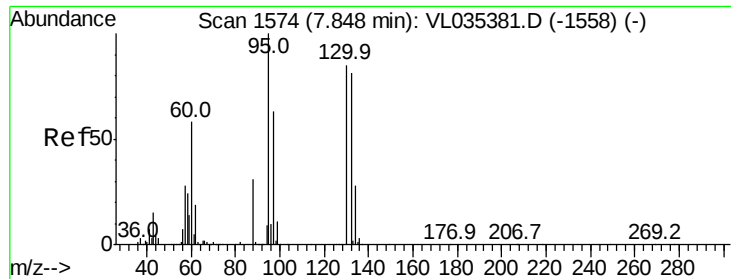
98 8.6 5.1 7.7#



Abundance Ion 62.10 (61.80 to 62.80): VL0

Ion 98.00 (97.70 to 98.70): VL0





#38

Trichloroethene

Concen: 0.039 ppbv

RT: 7.83 min Scan# 1570

Delta R.T. -0.01 min

Lab File: VL035385.D

Acq: 12 Aug 2020 14:38

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.1

Tgt Ion:130 Resp: 4141

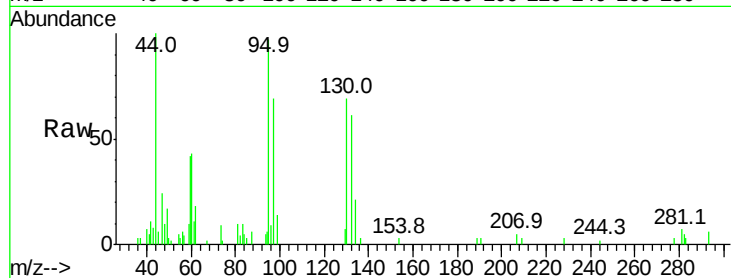
Ion Ratio Lower Upper

130 100

95 125.4 94.2 141.4

132 79.1 76.6 114.8

97 86.0 59.3 88.9

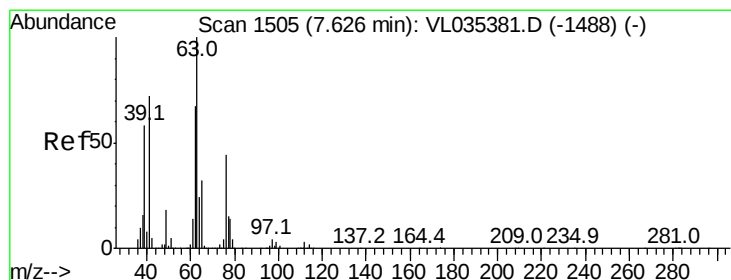
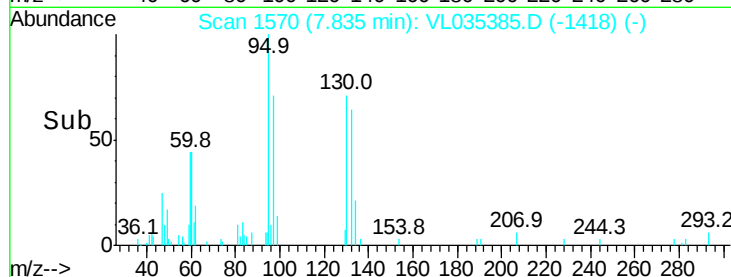
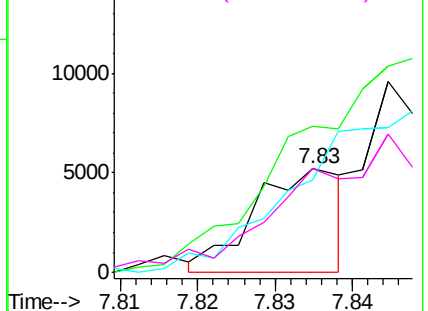


Abundance Ion 130.00 (129.70 to 130.70): V

Ion 95.00 (94.70 to 95.70): VL0

Ion 132.00 (131.70 to 132.70): V

Ion 97.00 (96.70 to 97.70): VL0



#39

1,2-Dichloropropane

Concen: 9.784 ppbv

RT: 7.18 min Scan# 1367

Delta R.T. -0.44 min

Lab File: VL035385.D

Acq: 12 Aug 2020 14:38

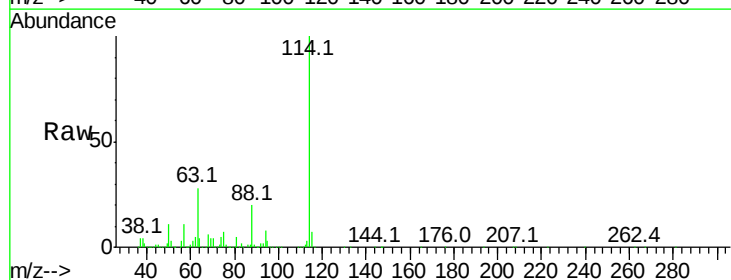
Tgt Ion: 63 Resp: 905160

Ion Ratio Lower Upper

63 100

41 0.0 57.4 86.2#

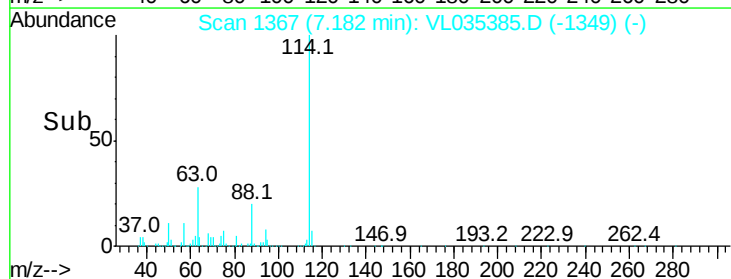
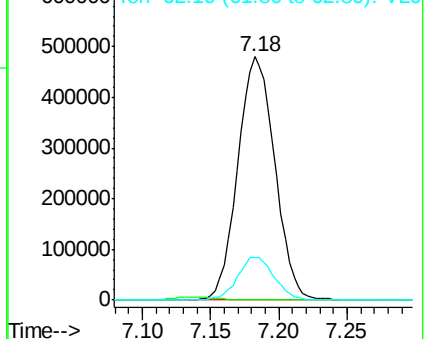
62 17.5 53.6 80.4#

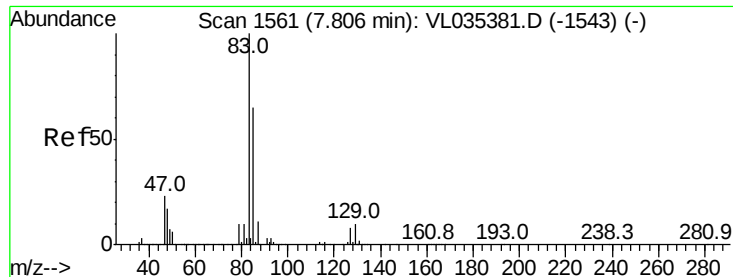


Abundance Ion 63.10 (62.80 to 63.80): VL0

Ion 41.10 (40.80 to 41.80): VL0

Ion 62.10 (61.80 to 62.80): VL0





#42

Bromodichloromethane

Concen: 0.134 ppbv

RT: 7.80 min Scan# 1560

Delta R.T. -0.00 min

Lab File: VL035385.D

Acq: 12 Aug 2020 14:38

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.1

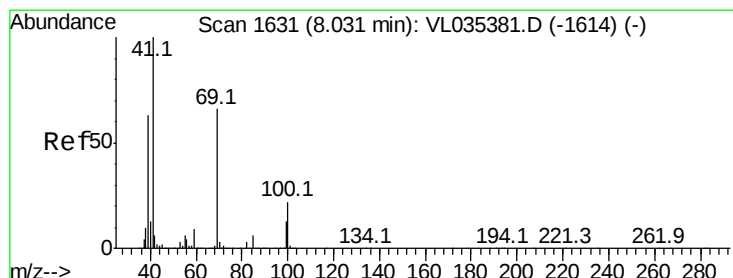
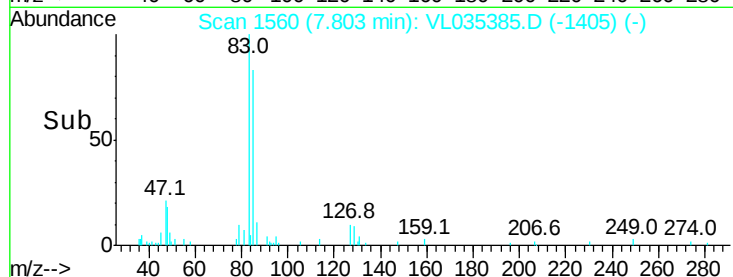
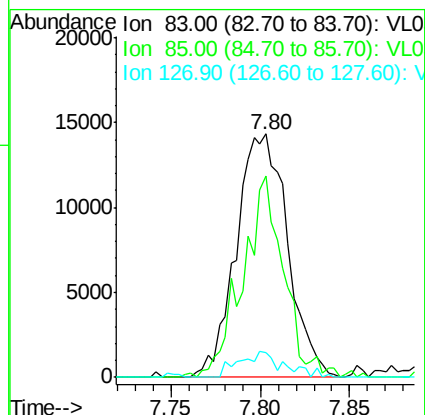
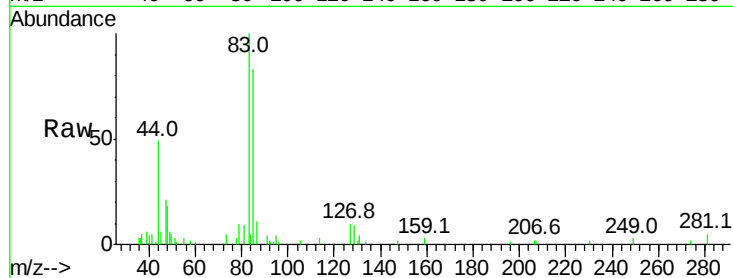
Tgt Ion: 83 Resp: 28774

Ion Ratio Lower Upper

83 100

85 82.9 52.2 78.4#

127 10.3 6.3 9.5#



#43

Methyl Methacrylate

Concen: 0.180 ppbv

RT: 8.04 min Scan# 1633

Delta R.T. 0.01 min

Lab File: VL035385.D

Acq: 12 Aug 2020 14:38

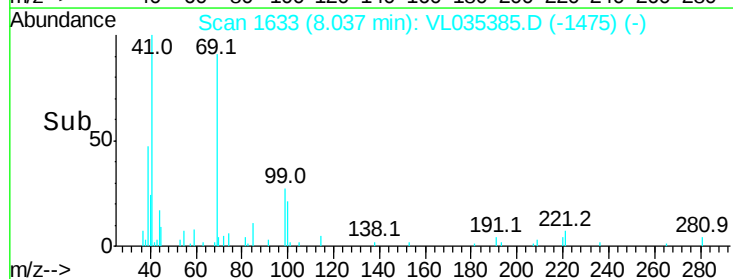
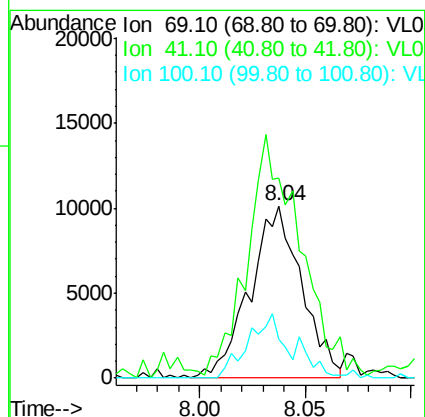
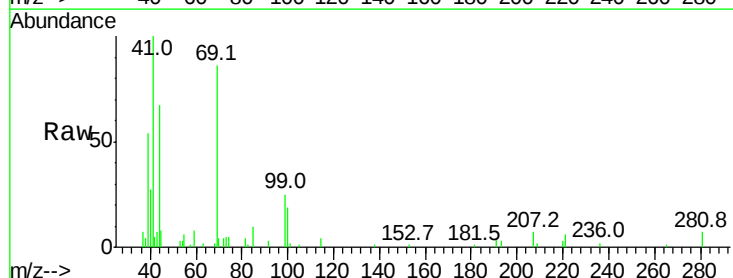
Tgt Ion: 69 Resp: 17277

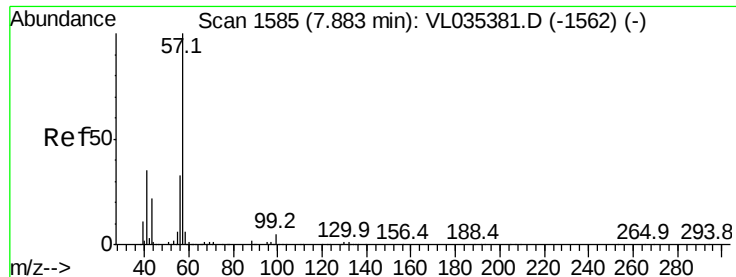
Ion Ratio Lower Upper

69 100

41 154.5 123.4 185.2

100 32.8 26.7 40.1





#44

2,2,4-Trimethylpentane

Concen: 0.097 ppbv

RT: 7.88 min Scan# 1585

Delta R.T. 0.00 min

Lab File: VL035385.D

Acq: 12 Aug 2020 14:38

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.1

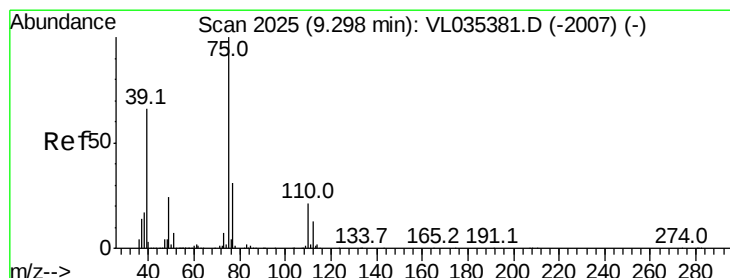
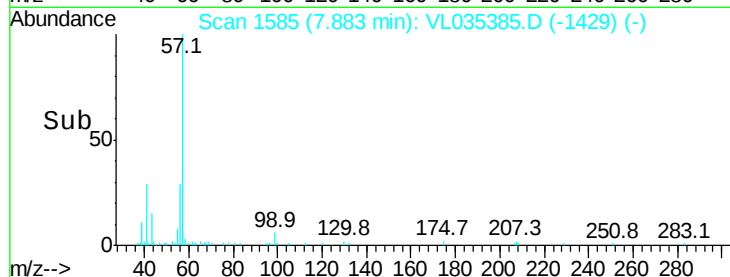
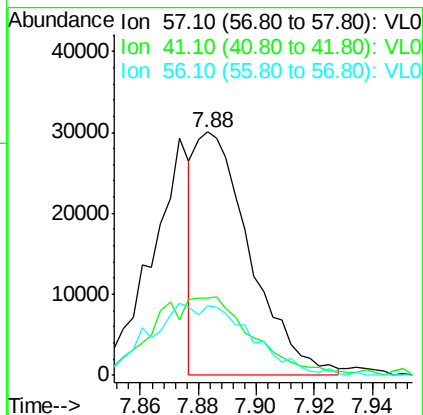
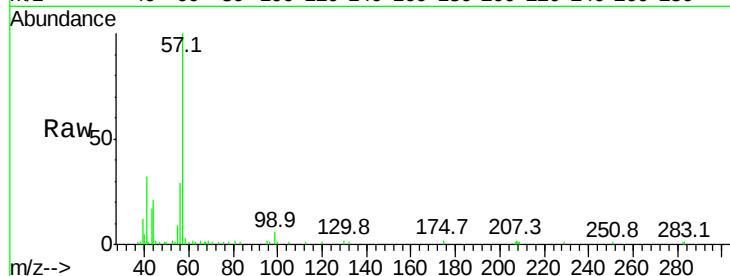
Tgt Ion: 57 Resp: 39229

Ion Ratio Lower Upper

57 100

41 64.4 26.9 40.3#

56 0.0 25.6 38.4#



#45

t-1,3-Dichloropropene

Concen: 0.070 ppbv

RT: 9.29 min Scan# 2021

Delta R.T. -0.01 min

Lab File: VL035385.D

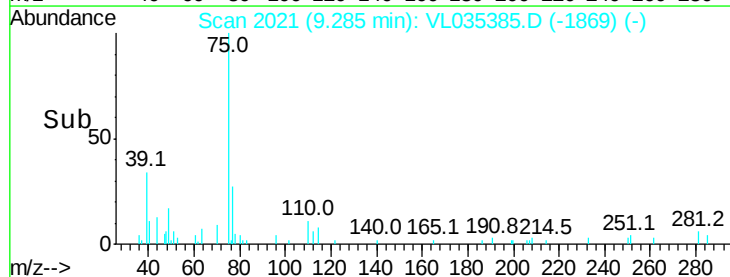
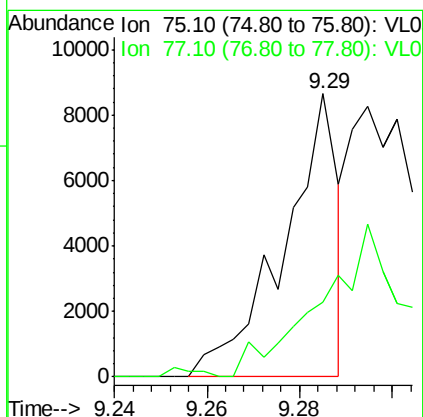
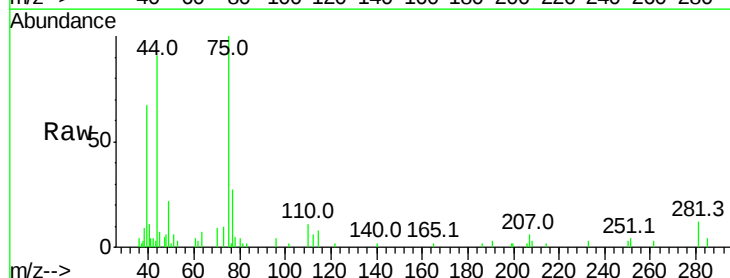
Acq: 12 Aug 2020 14:38

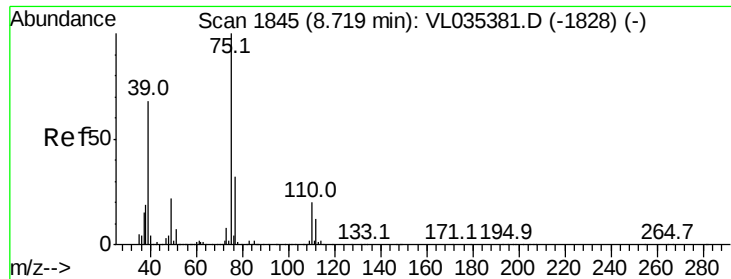
Tgt Ion: 75 Resp: 6999

Ion Ratio Lower Upper

75 100

77 26.6 25.2 37.8

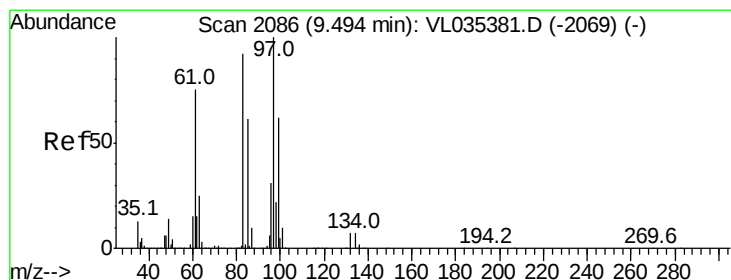
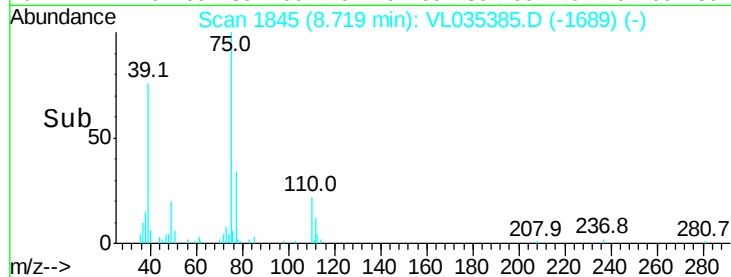
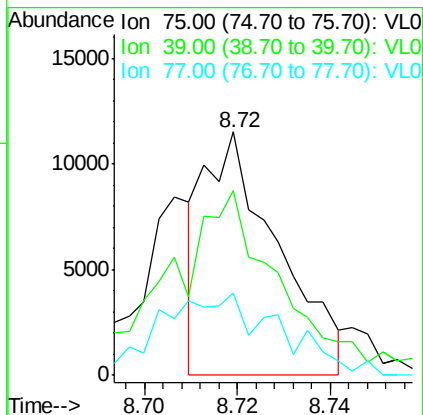
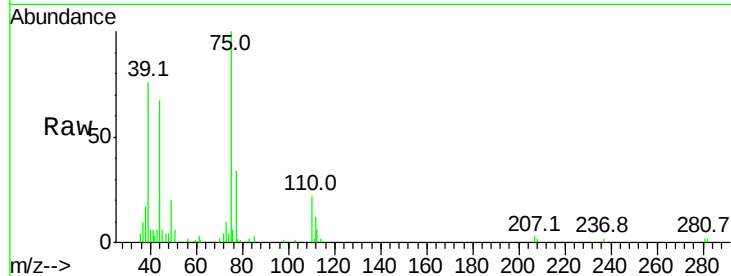




#46
 cis-1,3-Dichloropropene
 Concen: 0.106 ppbv
 RT: 8.72 min Scan# 1845
 Delta R.T. 0.00 min
 Lab File: VL035385.D
 Acq: 12 Aug 2020 14:38

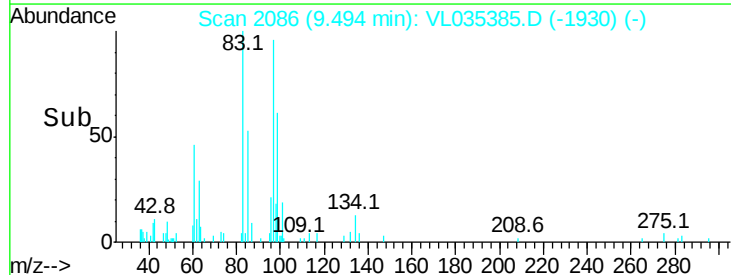
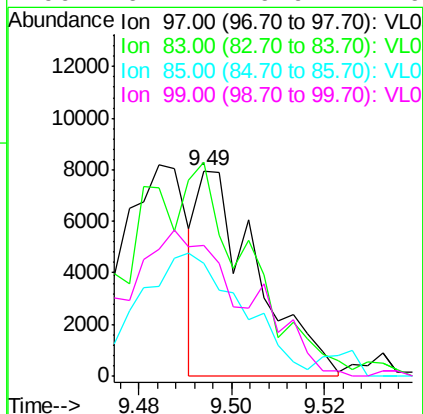
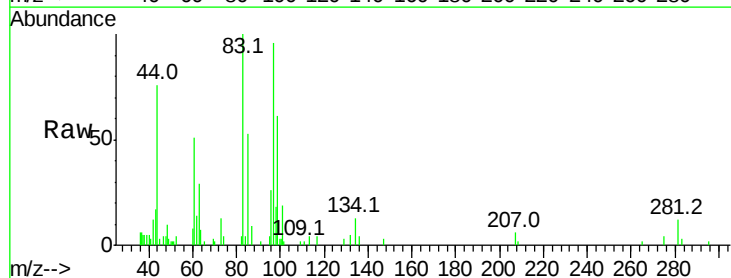
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.1

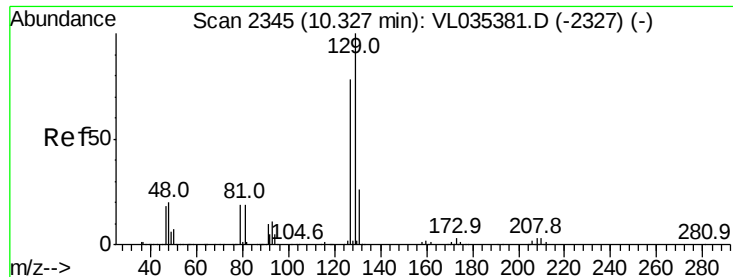
Tgt Ion: 75 Resp: 12712
 Ion Ratio Lower Upper
 75 100
 39 76.1 54.2 81.2
 77 33.8 25.7 38.5



#47
 1,1,2-Trichloroethane
 Concen: 0.063 ppbv
 RT: 9.49 min Scan# 2086
 Delta R.T. 0.00 min
 Lab File: VL035385.D
 Acq: 12 Aug 2020 14:38

Tgt Ion: 97 Resp: 6975
 Ion Ratio Lower Upper
 97 100
 83 98.3 73.9 110.9
 85 46.0 49.0 73.6#
 99 62.4 49.9 74.9





#48

Dibromochloromethane

Concen: 0.046 ppbv

RT: 10.32 min Scan# 2344

Delta R.T. -0.00 min

Lab File: VL035385.D

Acq: 12 Aug 2020 14:38

Instrument :

MSVOA_L

ClientSampleId :

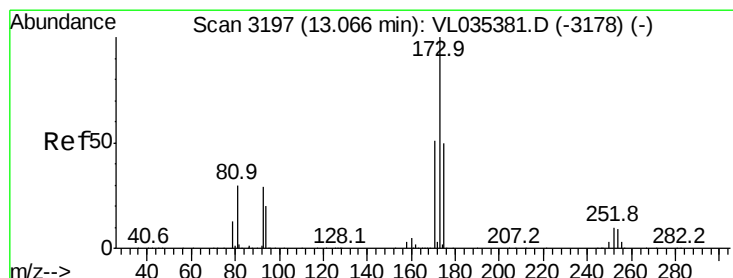
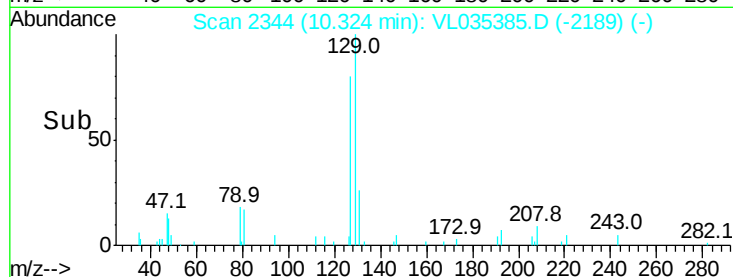
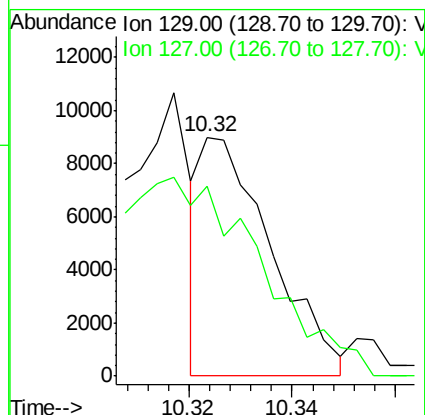
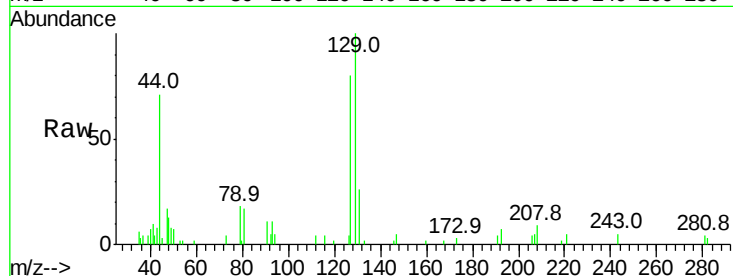
VSTDIC0.1

Tgt Ion:129 Resp: 8473

Ion Ratio Lower Upper

129 100

127 0.0 39.3 117.8#



#49

Bromoform

Concen: 0.060 ppbv

RT: 13.06 min Scan# 3196

Delta R.T. -0.00 min

Lab File: VL035385.D

Acq: 12 Aug 2020 14:38

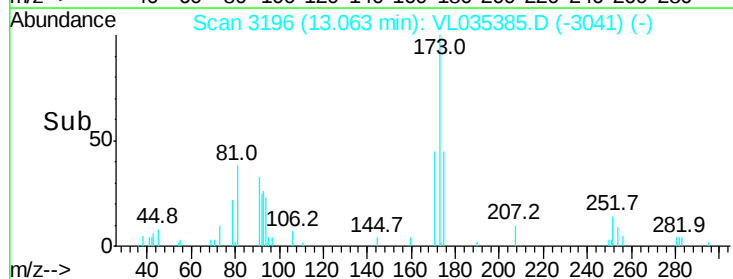
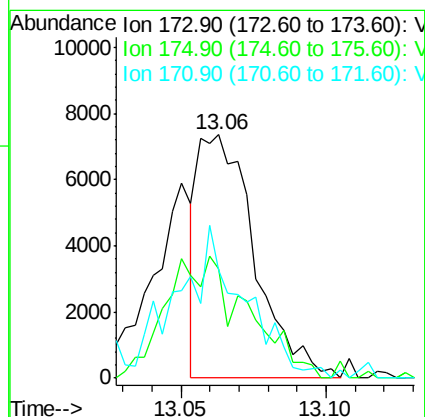
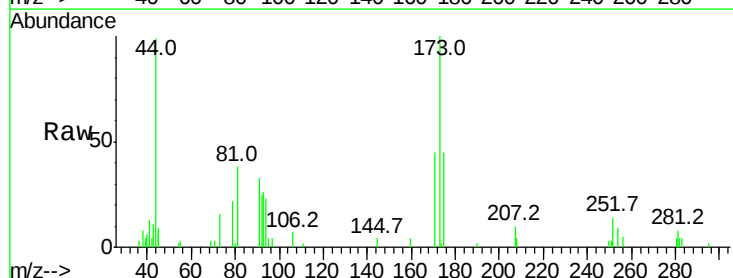
Tgt Ion:173 Resp: 9988

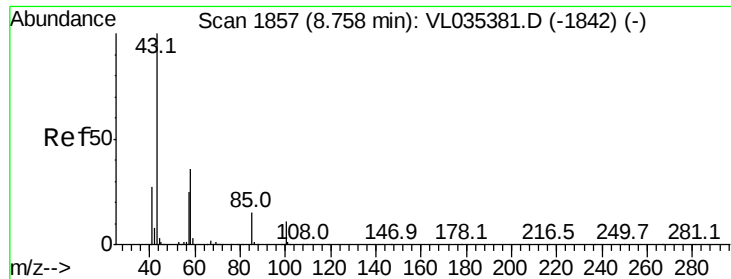
Ion Ratio Lower Upper

173 100

175 73.4 39.9 59.9#

171 81.4 41.8 62.8#

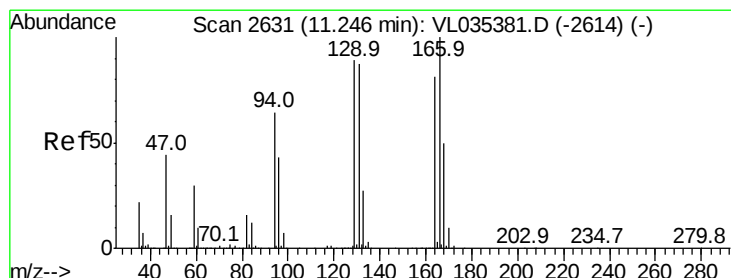
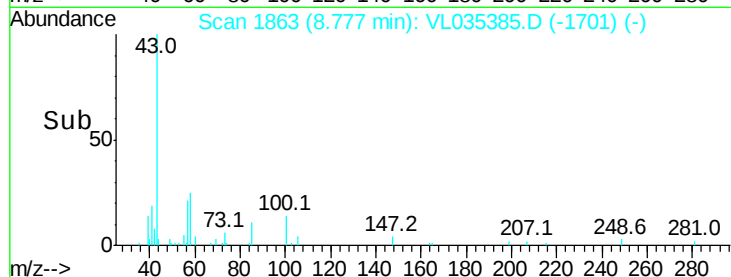
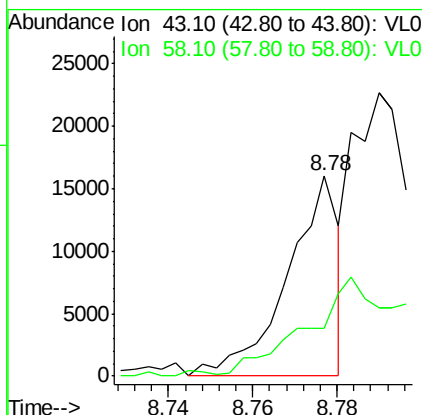
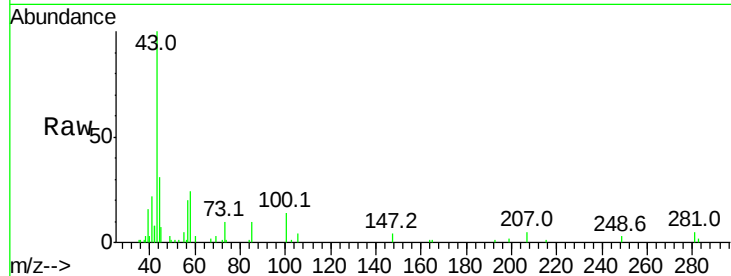




#50
 4-Methyl-2-Pentanone
 Concen: 0.053 ppbv
 RT: 8.78 min Scan# 1863
 Delta R.T. 0.02 min
 Lab File: VL035385.D
 Acq: 12 Aug 2020 14:38

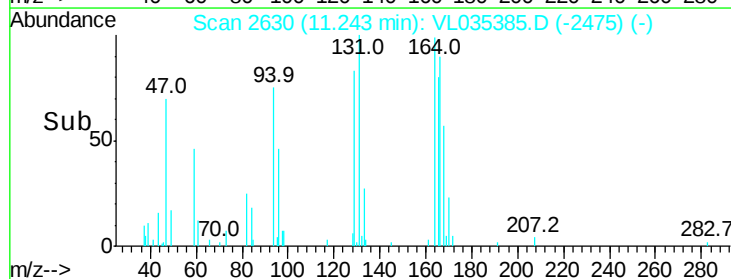
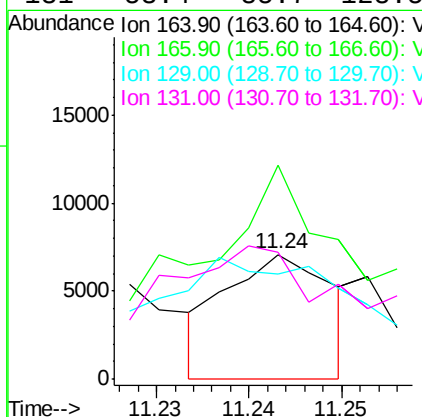
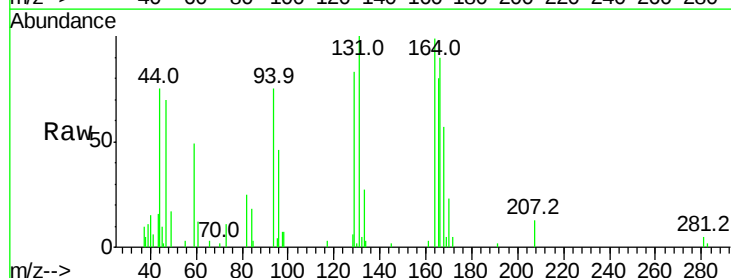
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.1

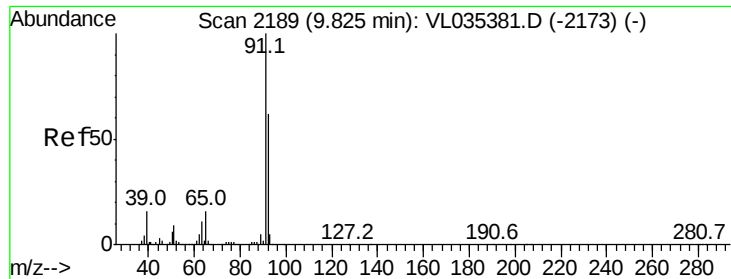
Tgt Ion: 43 Resp: 13509
 Ion Ratio Lower Upper
 43 100
 58 0.0 29.0 43.6#



#52
 Tetrachloroethene
 Concen: 0.062 ppbv
 RT: 11.24 min Scan# 2630
 Delta R.T. -0.00 min
 Lab File: VL035385.D
 Acq: 12 Aug 2020 14:38

Tgt Ion: 164 Resp: 5590
 Ion Ratio Lower Upper
 164 100
 166 169.3 98.2 147.2#
 129 28.8 87.3 130.9#
 131 53.4 85.7 128.5#





#53

Toluene

Concen: 0.151 ppbv

RT: 9.82 min Scan# 2187

Delta R.T. -0.01 min

Lab File: VL035385.D

Acq: 12 Aug 2020 14:38

Instrument :

MSVOA_L

ClientSampleId :

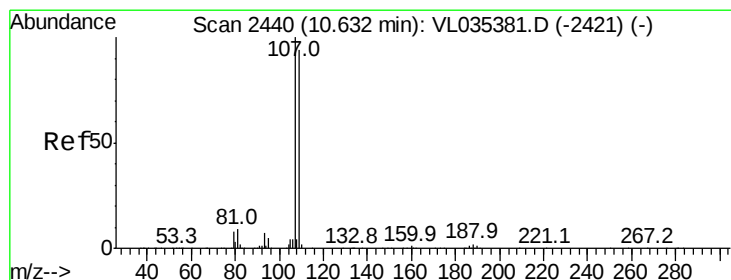
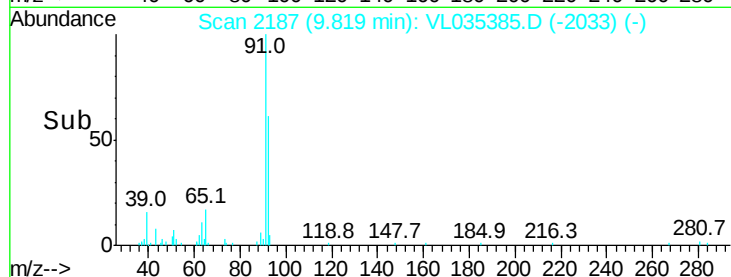
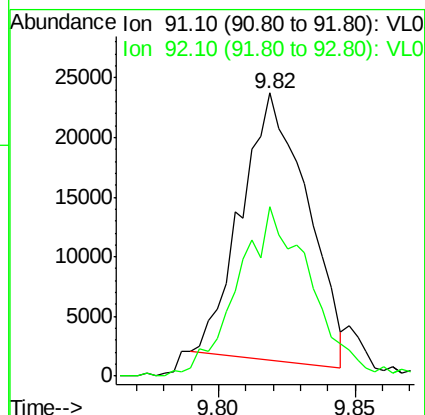
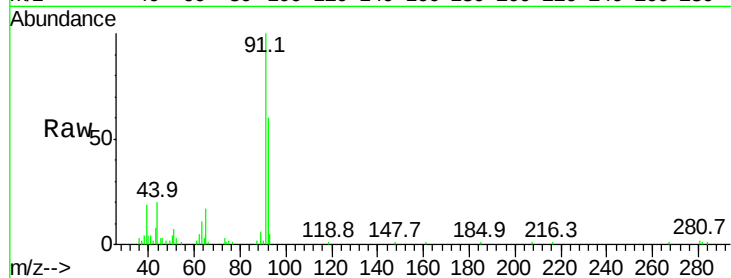
VSTDIC0.1

Tgt Ion: 91 Resp: 37442

Ion Ratio Lower Upper

91 100

92 70.3 49.1 73.7



#54

1,2-Dibromoethane

Concen: 0.099 ppbv

RT: 10.62 min Scan# 2437

Delta R.T. -0.01 min

Lab File: VL035385.D

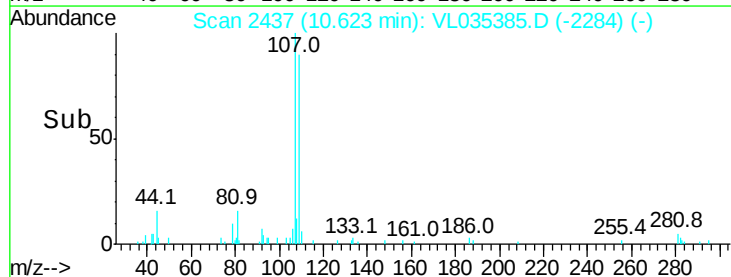
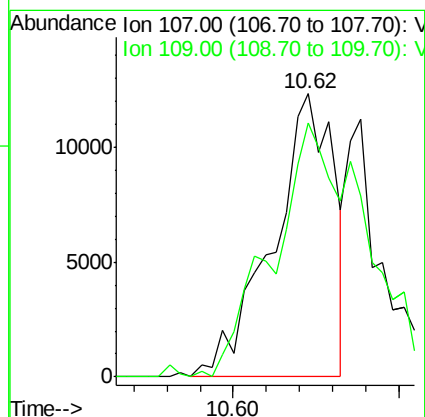
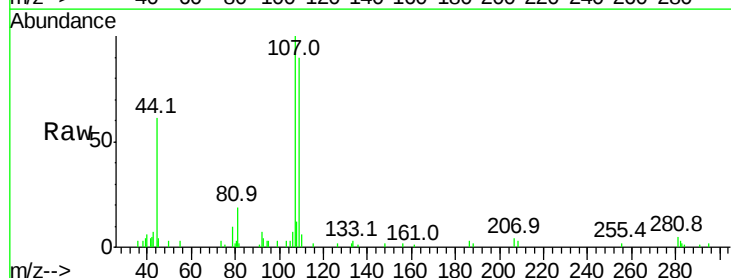
Acq: 12 Aug 2020 14:38

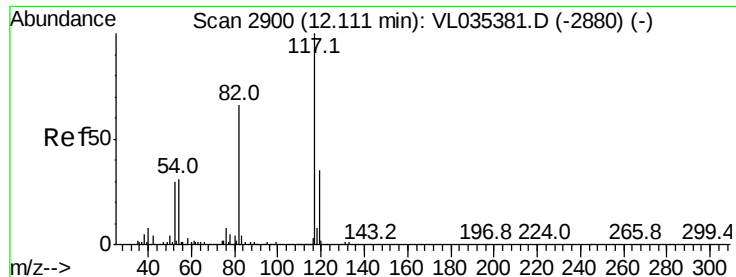
Tgt Ion: 107 Resp: 15837

Ion Ratio Lower Upper

107 100

109 89.8 75.2 112.8





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.11 min Scan# 2899

Delta R.T. -0.00 min

Lab File: VL035385.D

Acq: 12 Aug 2020 14:38

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.1

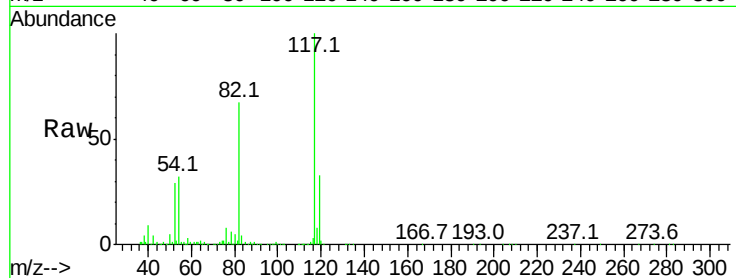
Tgt Ion:117 Resp: 3184551

Ion Ratio Lower Upper

117 100

82 68.5 53.0 79.6

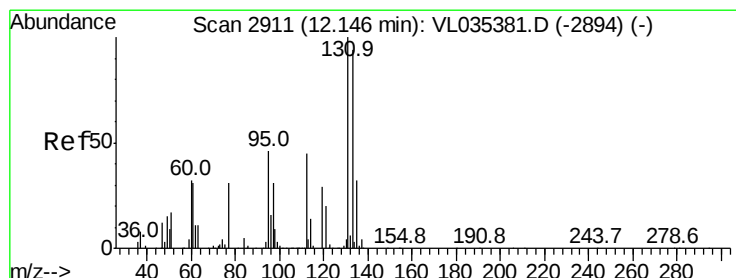
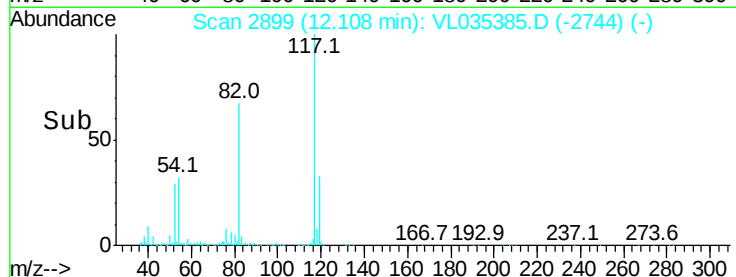
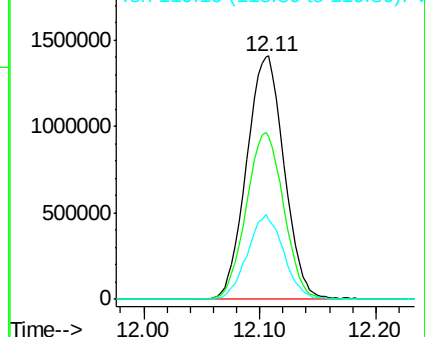
119 33.7 25.7 38.5



Abundance Ion 117.10 (116.80 to 117.80): V

Ion 82.10 (81.80 to 82.80): V

Ion 119.10 (118.80 to 119.80): V



#56

1,1,1,2-Tetrachloroethane

Concen: 0.055 ppbv

RT: 12.14 min Scan# 2909

Delta R.T. -0.01 min

Lab File: VL035385.D

Acq: 12 Aug 2020 14:38

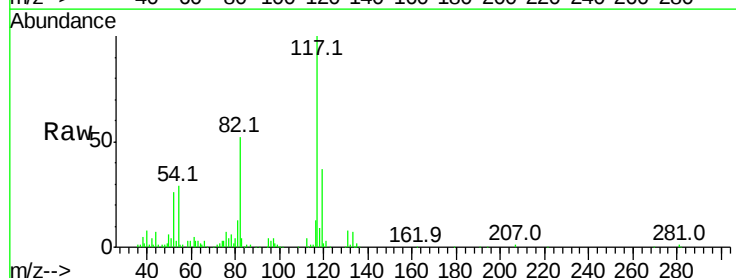
Tgt Ion:131 Resp: 8318

Ion Ratio Lower Upper

131 100

133 0.0 76.1 114.1#

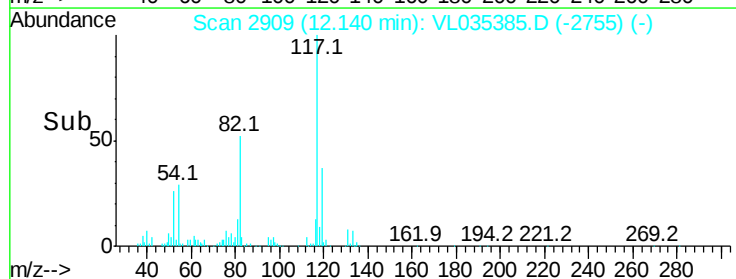
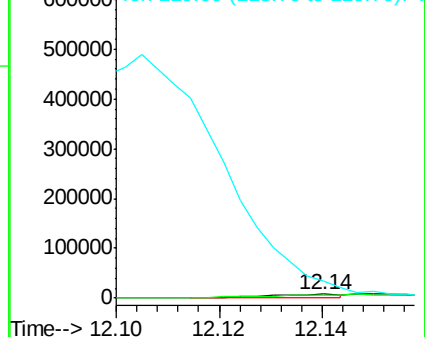
119 0.0 47.0 70.4#

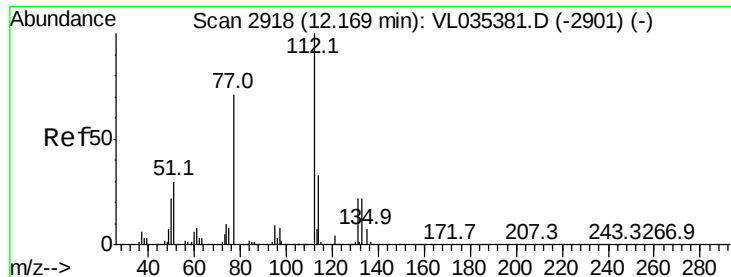


Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V





#57

Chlorobenzene

Concen: 0.147 ppbv

RT: 12.17 min Scan# 2917

Delta R.T. -0.00 min

Lab File: VL035385.D

Acq: 12 Aug 2020 14:38

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.1

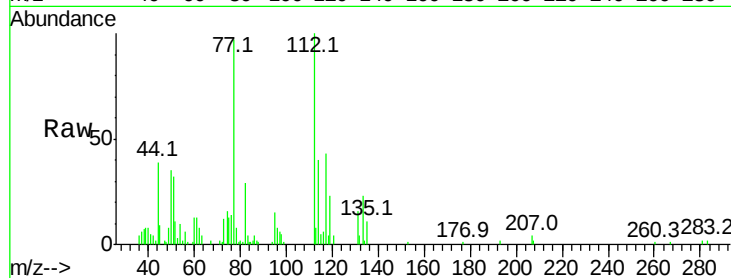
Tgt Ion: 112 Resp: 35337

Ion Ratio Lower Upper

112 100

77 97.8 57.6 86.4#

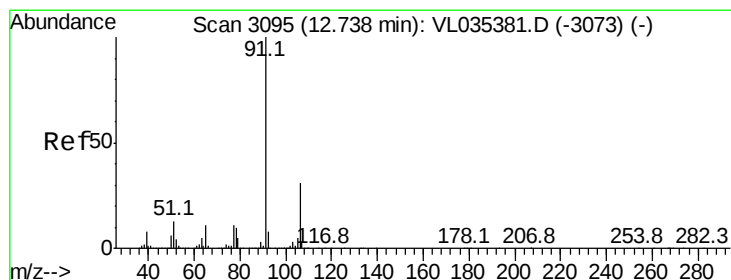
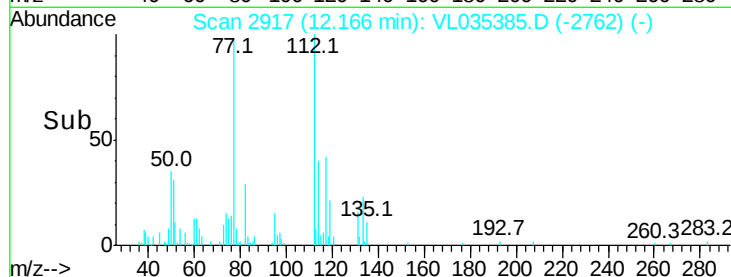
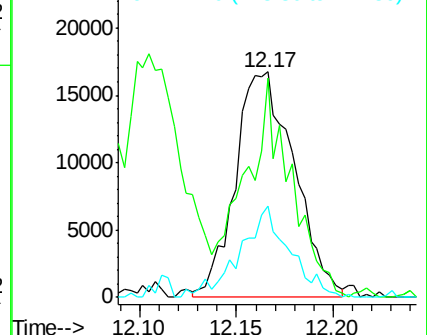
114 41.4 30.0 36.6#



Abundance Ion 112.10 (111.80 to 112.80): V

Ion 77.10 (76.80 to 77.80): VL0

Ion 114.10 (113.80 to 114.80): V



#58

Ethyl Benzene

Concen: 0.193 ppbv

RT: 12.73 min Scan# 3093

Delta R.T. -0.01 min

Lab File: VL035385.D

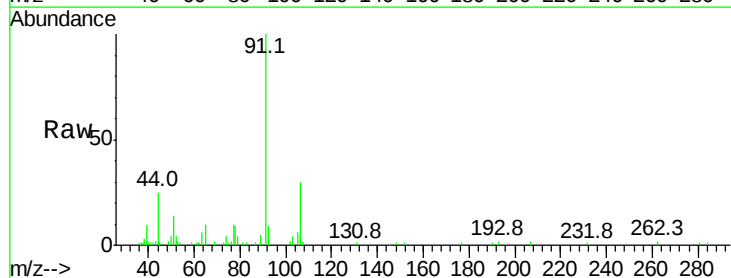
Acq: 12 Aug 2020 14:38

Tgt Ion: 91 Resp: 64004

Ion Ratio Lower Upper

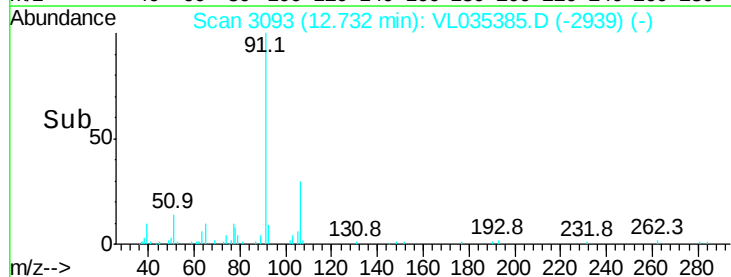
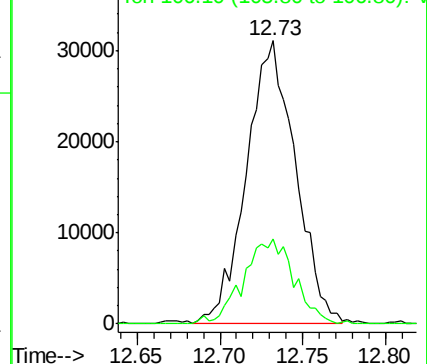
91 100

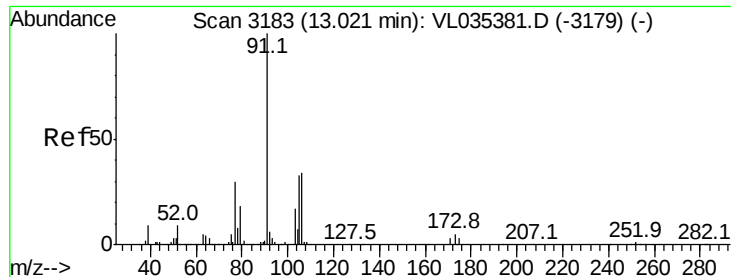
106 30.1 25.1 37.7



Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 106.10 (105.80 to 106.80): V





#59

m/p-Xylene

Concen: 0.030 ppbv

RT: 13.02 min Scan# 3182

Delta R.T. -0.00 min

Lab File: VL035385.D

Acq: 12 Aug 2020 14:38

Instrument :

MSVOA_L

ClientSampleId :

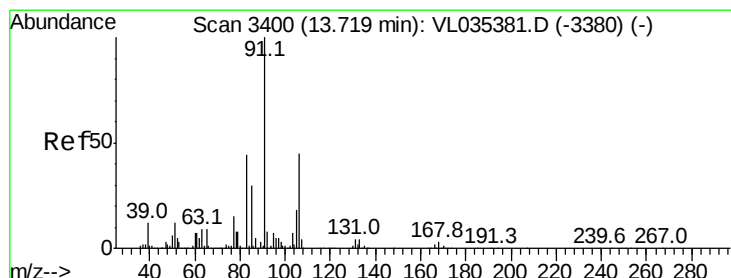
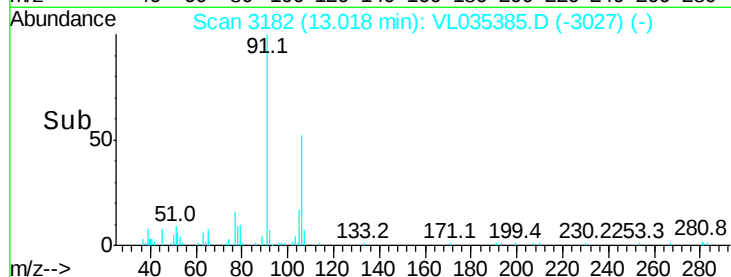
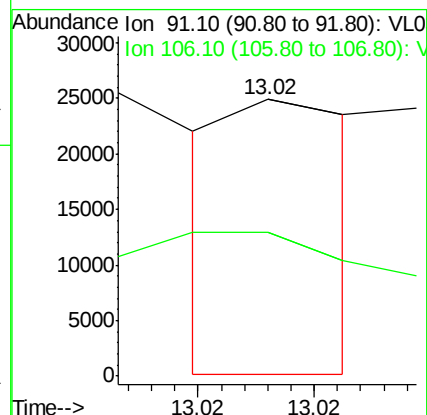
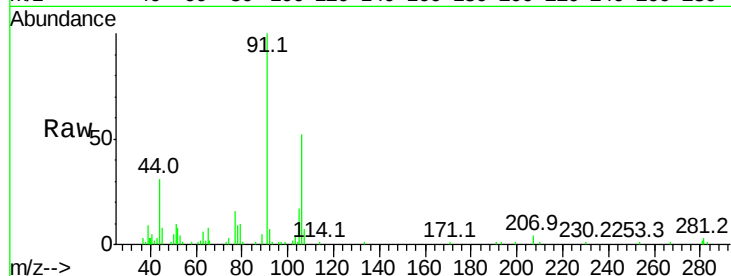
VSTDIC0.1

Tgt Ion: 91 Resp: 9276

Ion Ratio Lower Upper

91 100

106 0.0 36.7 55.1#



#60

o-Xylene

Concen: 0.073 ppbv

RT: 13.72 min Scan# 3399

Delta R.T. -0.00 min

Lab File: VL035385.D

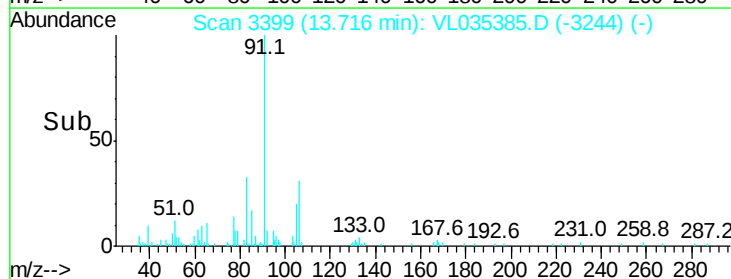
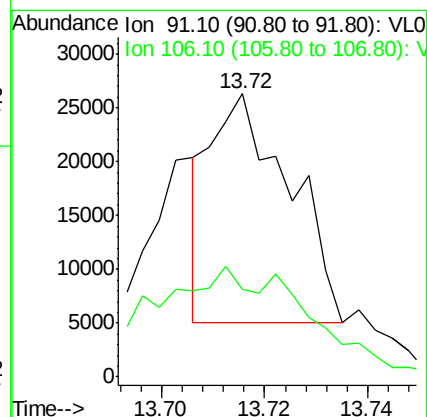
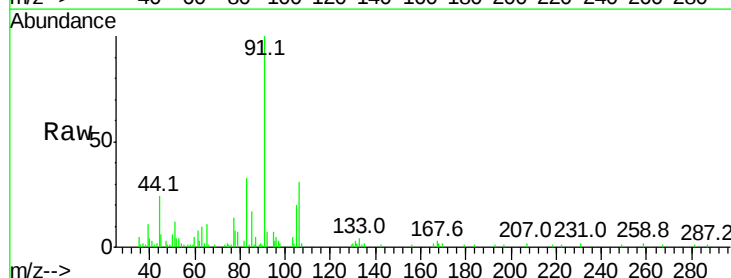
Acq: 12 Aug 2020 14:38

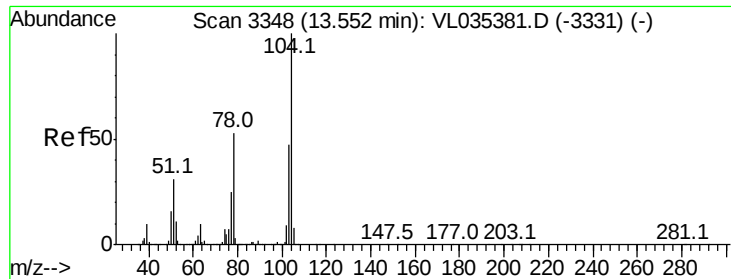
Tgt Ion: 91 Resp: 22414

Ion Ratio Lower Upper

91 100

106 100.4 22.2 66.6#





#61

Styrene

Concen: 0.113 ppbv

RT: 13.55 min Scan# 3348

Delta R.T. 0.00 min

Lab File: VL035385.D

Acq: 12 Aug 2020 14:38

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.1

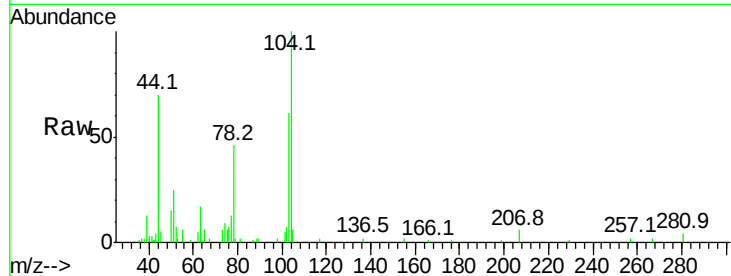
Tgt Ion:104 Resp: 21048

Ion Ratio Lower Upper

104 100

78 0.0 43.0 64.4#

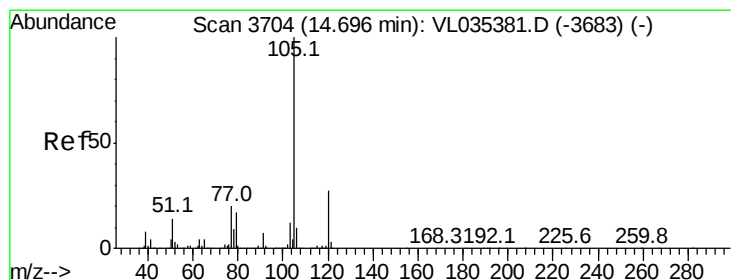
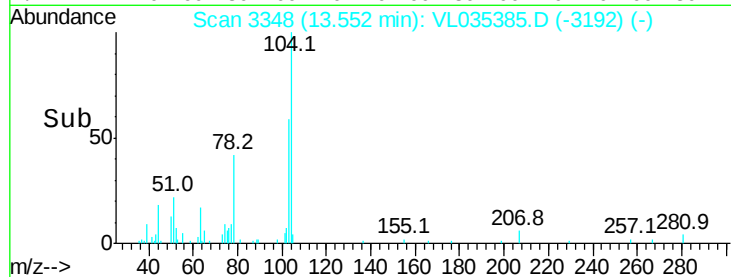
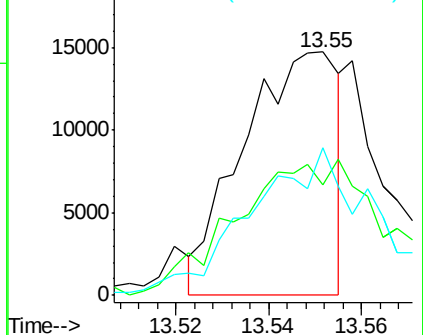
103 81.2 37.9 56.9#



Abundance Ion 104.10 (103.80 to 104.80): V

Ion 78.10 (77.80 to 78.80): VL0

Ion 103.10 (102.80 to 103.80): V



#62

Isopropylbenzene

Concen: 0.164 ppbv

RT: 14.69 min Scan# 3703

Delta R.T. -0.00 min

Lab File: VL035385.D

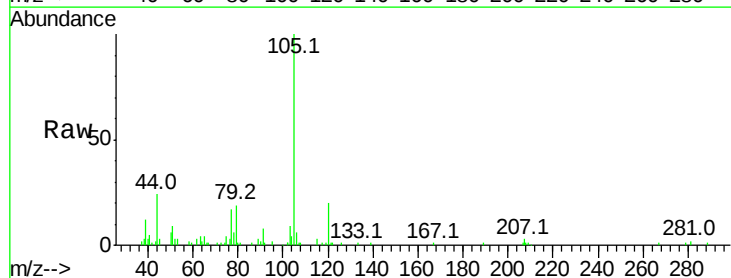
Acq: 12 Aug 2020 14:38

Tgt Ion:105 Resp: 75723

Ion Ratio Lower Upper

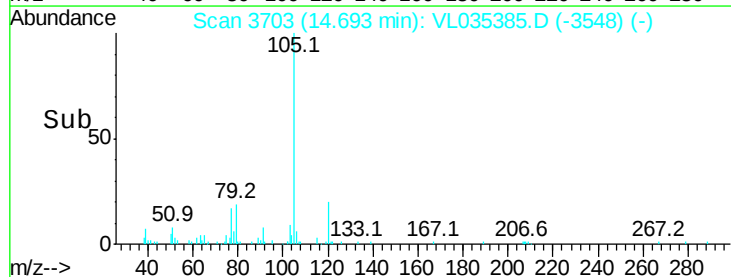
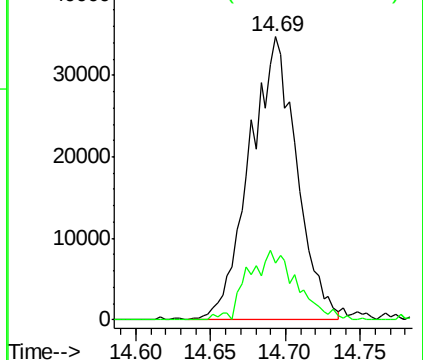
105 100

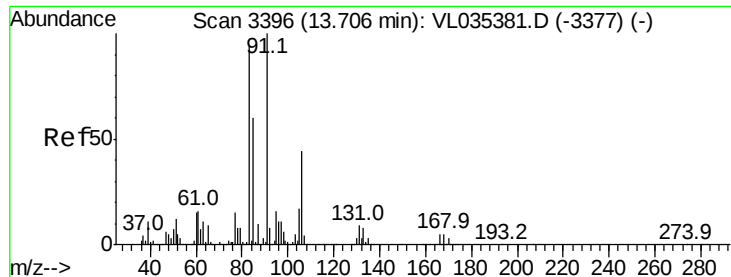
120 25.5 21.1 31.7



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V





#63

1,1,2,2-Tetrachloroethane

Concen: 0.125 ppbv

RT: 13.70 min Scan# 3395

Delta R.T. -0.00 min

Lab File: VL035385.D

Acq: 12 Aug 2020 14:38

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.1

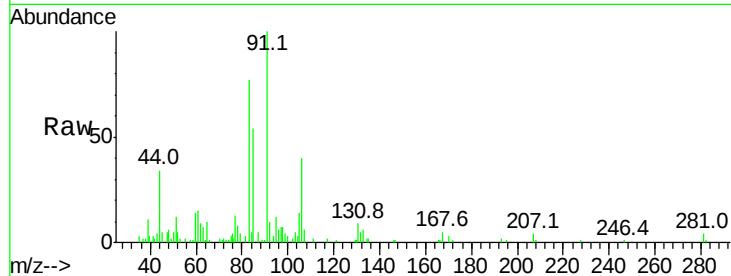
Tgt Ion: 83 Resp: 32717

Ion Ratio Lower Upper

83 100

131 9.6 4.5 13.7

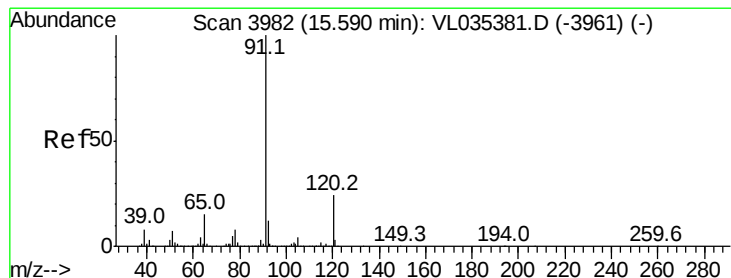
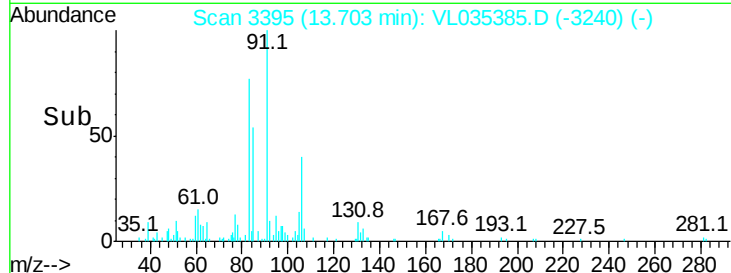
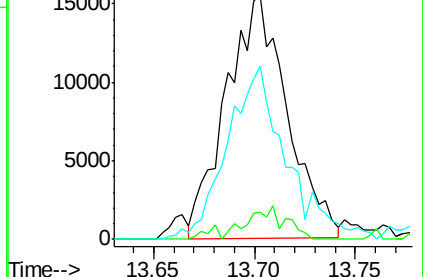
85 71.1 32.4 97.0



Abundance Ion 83.00 (82.70 to 83.70): VL0

Ion 131.00 (130.70 to 131.70): V

Ion 85.00 (84.70 to 85.70): VL0



#64

n-propylbenzene

Concen: 0.141 ppbv

RT: 15.59 min Scan# 3981

Delta R.T. -0.00 min

Lab File: VL035385.D

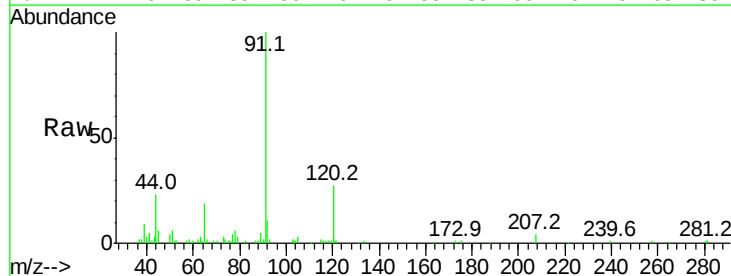
Acq: 12 Aug 2020 14:38

Tgt Ion: 120 Resp: 17478

Ion Ratio Lower Upper

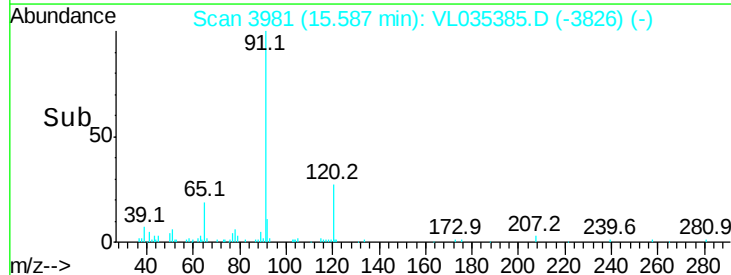
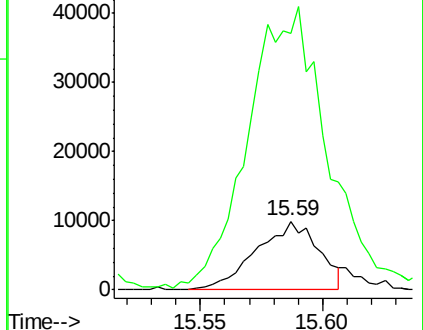
120 100

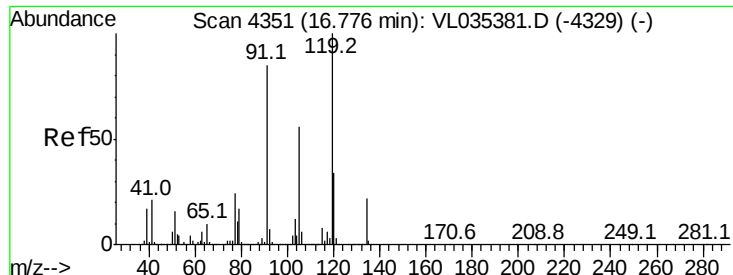
91 541.2 356.2 534.4#



Abundance Ion 120.20 (119.90 to 120.90): V

Ion 91.10 (90.80 to 91.80): VL0





#65

tert-Butylbenzene

Concen: 0.042 ppbv

RT: 16.77 min Scan# 4350

Delta R.T. -0.00 min

Lab File: VL035385.D

Acq: 12 Aug 2020 14:38

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.1

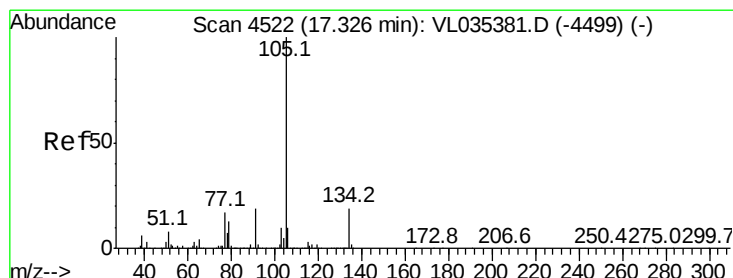
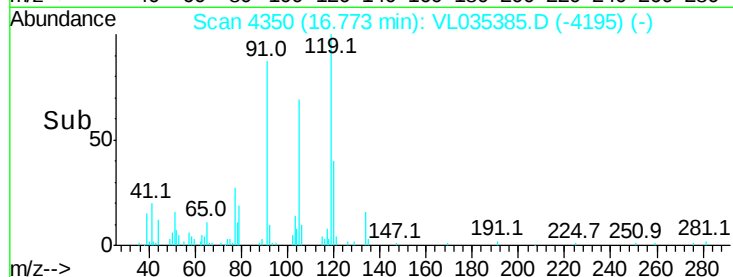
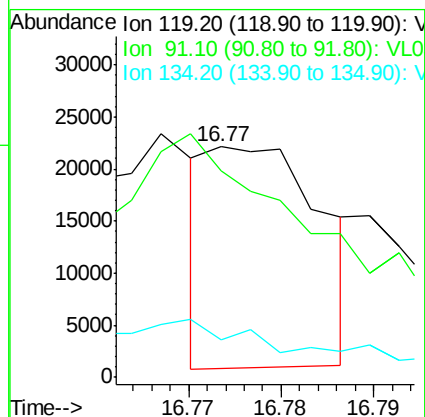
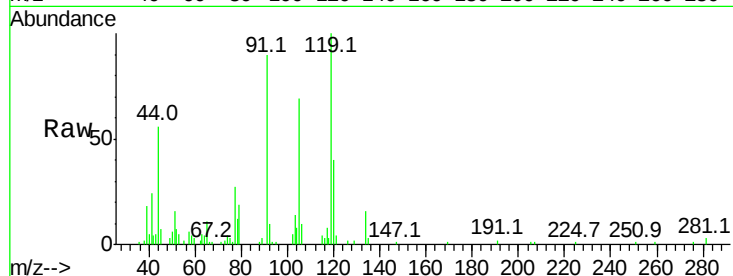
Tgt Ion:119 Resp: 17846

Ion Ratio Lower Upper

119 100

91 313.8 68.2 102.4#

134 64.9 16.2 24.4#



#67

sec-Butylbenzene

Concen: 0.098 ppbv

RT: 17.32 min Scan# 4520

Delta R.T. -0.01 min

Lab File: VL035385.D

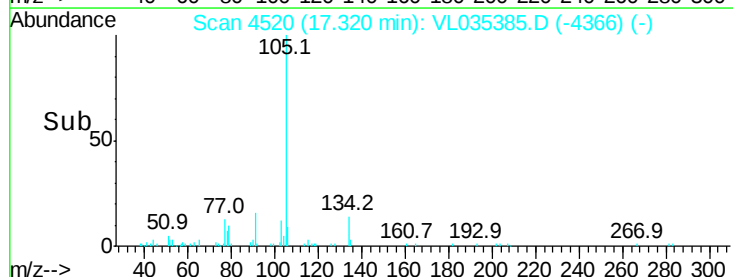
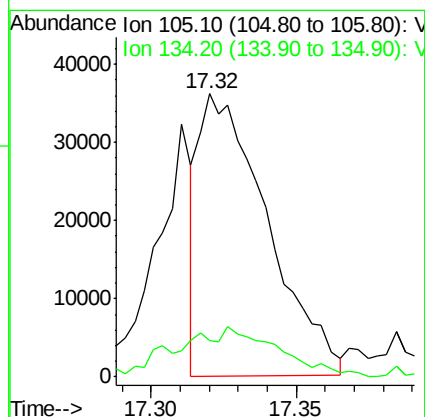
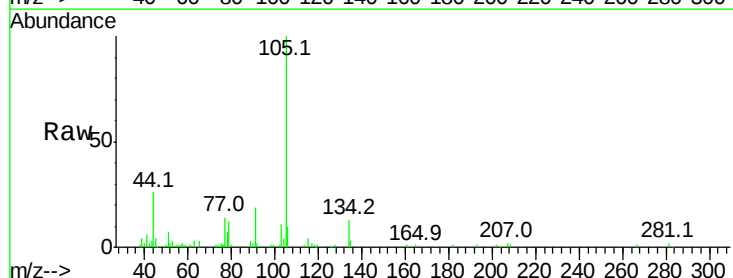
Acq: 12 Aug 2020 14:38

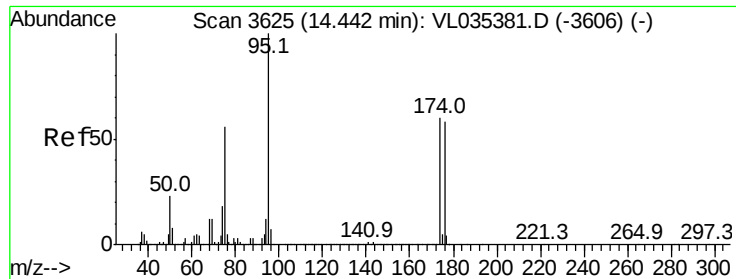
Tgt Ion:105 Resp: 58776

Ion Ratio Lower Upper

105 100

134 28.2 15.0 22.6#

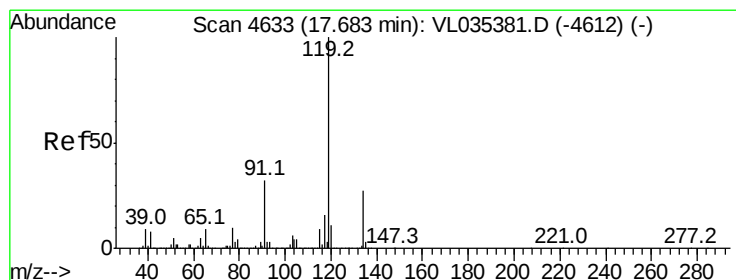
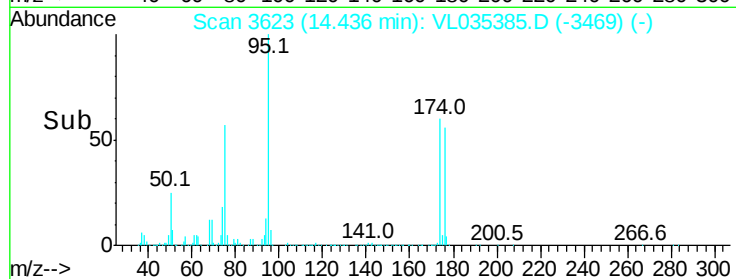
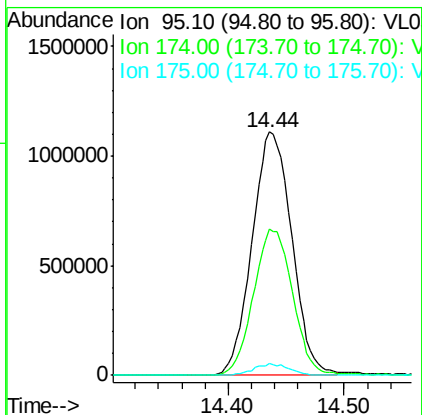
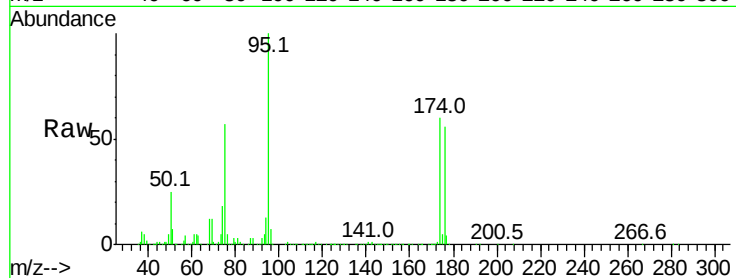




#68
1-Bromo-4-Fluorobenzene
Concen: 9.951 ppbv
RT: 14.44 min Scan# 3623
Delta R.T. -0.01 min
Lab File: VL035385.D
Acq: 12 Aug 2020 14:38

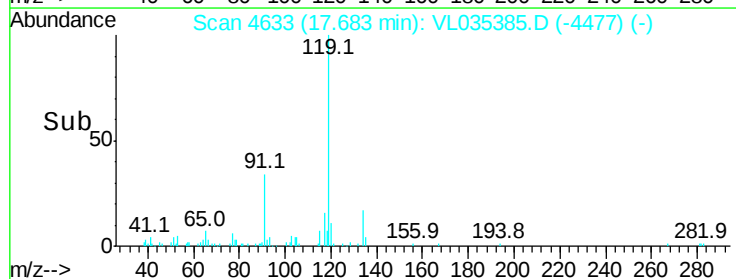
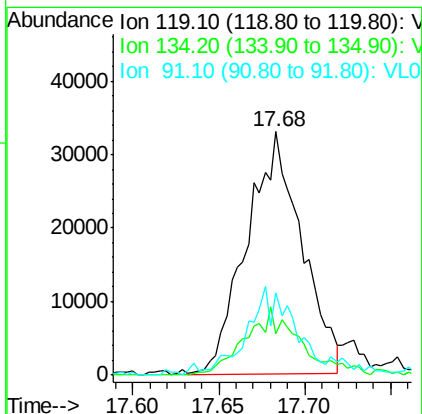
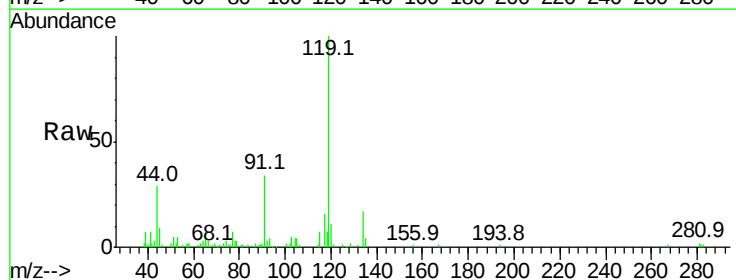
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.1

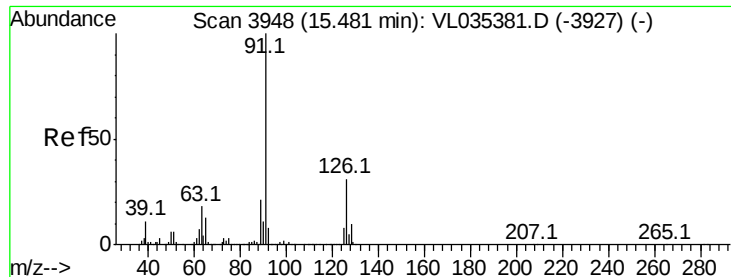
Tgt Ion: 95 Resp: 2642600
Ion Ratio Lower Upper
95 100
174 59.9 48.2 72.2
175 4.4 3.7 5.5



#69
p-Isopropyltoluene
Concen: 0.151 ppbv
RT: 17.68 min Scan# 4633
Delta R.T. 0.00 min
Lab File: VL035385.D
Acq: 12 Aug 2020 14:38

Tgt Ion: 119 Resp: 73372
Ion Ratio Lower Upper
119 100
134 28.8 20.9 31.3
91 36.2 25.3 37.9

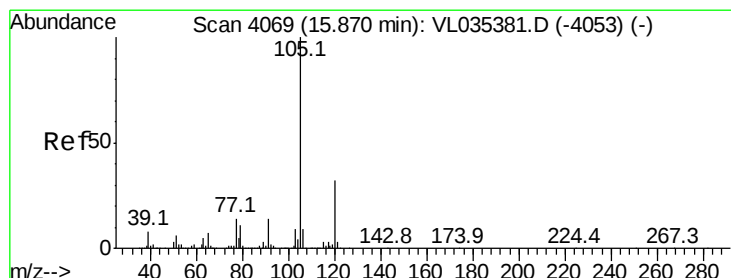
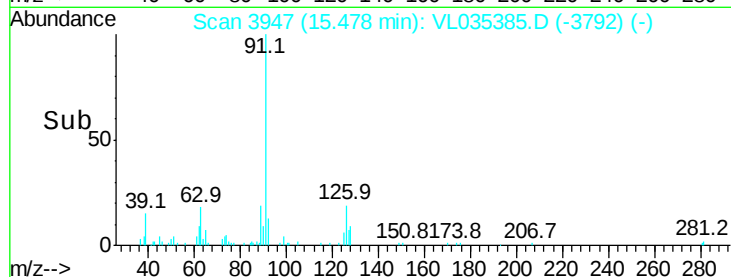
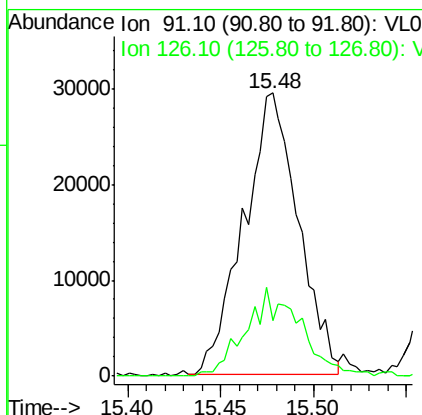
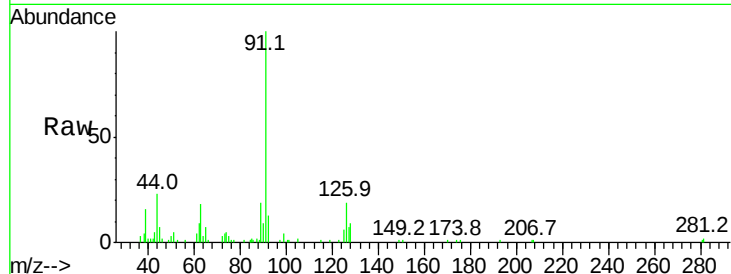




#71
 2-Chlorotoluene
 Concen: 0.177 ppbv
 RT: 15.48 min Scan# 3947
 Delta R.T. -0.00 min
 Lab File: VL035385.D
 Acq: 12 Aug 2020 14:38

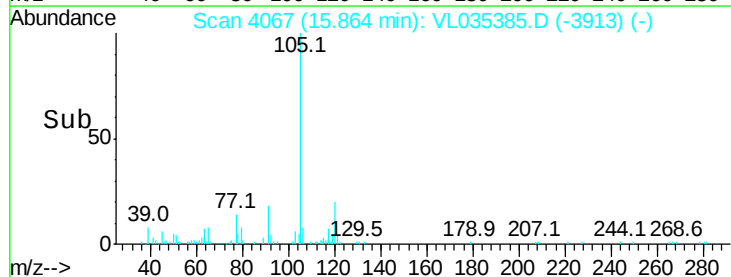
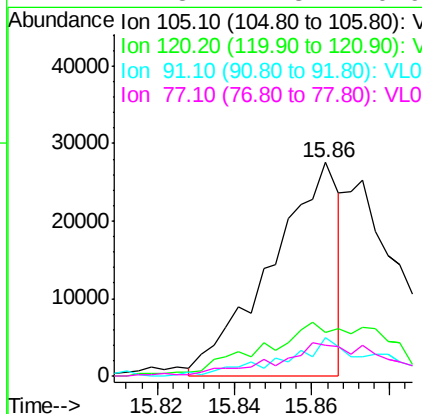
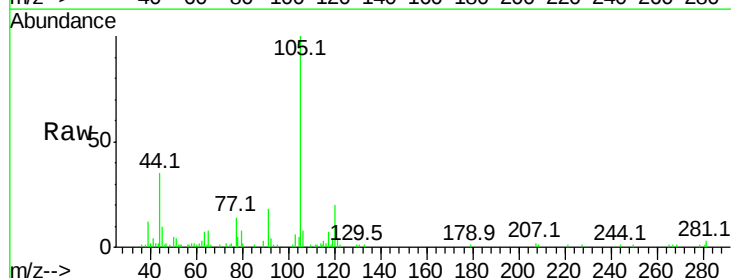
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.1

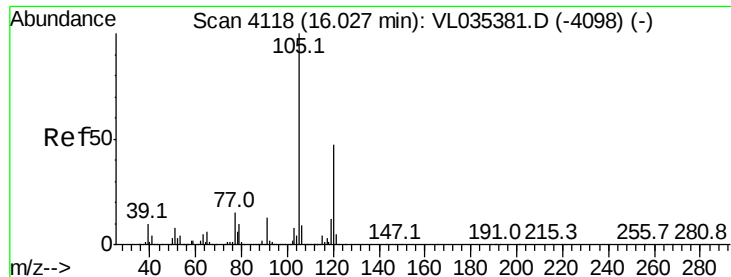
Tgt Ion: 91 Resp: 59842
 Ion Ratio Lower Upper
 91 100
 126 31.5 12.1 48.3



#72
 4-Ethyltoluene
 Concen: 0.097 ppbv
 RT: 15.86 min Scan# 4067
 Delta R.T. -0.01 min
 Lab File: VL035385.D
 Acq: 12 Aug 2020 14:38

Tgt Ion: 105 Resp: 33690
 Ion Ratio Lower Upper
 105 100
 120 48.6 24.0 36.0#
 91 26.1 10.4 15.6#
 77 27.8 11.3 16.9#

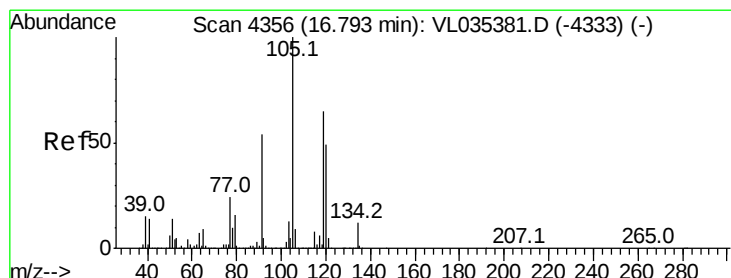
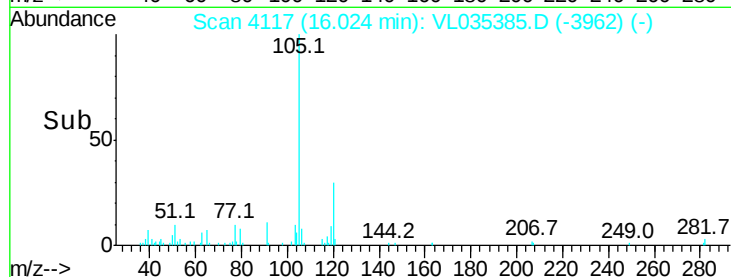
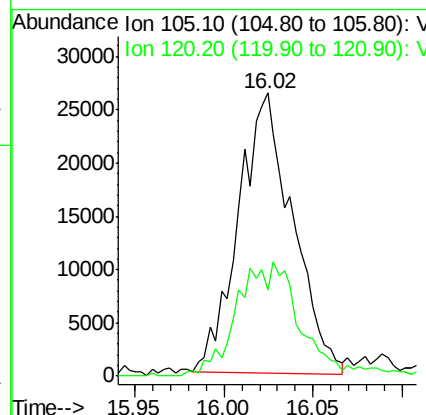
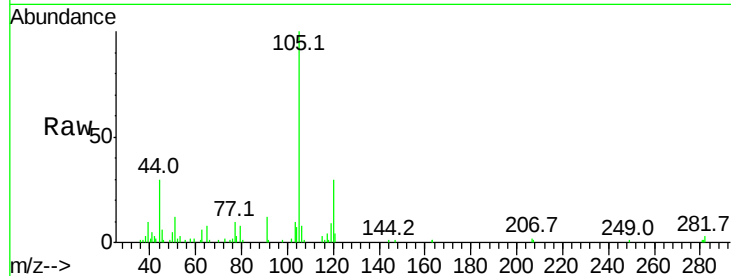




#73
 1,3,5-Trimethylbenzene
 Concen: 0.166 ppbv
 RT: 16.02 min Scan# 4117
 Delta R.T. -0.00 min
 Lab File: VL035385.D
 Acq: 12 Aug 2020 14:38

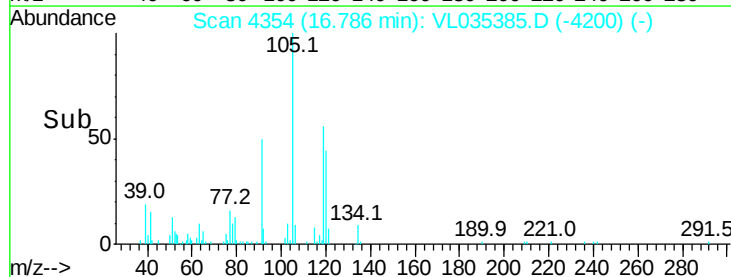
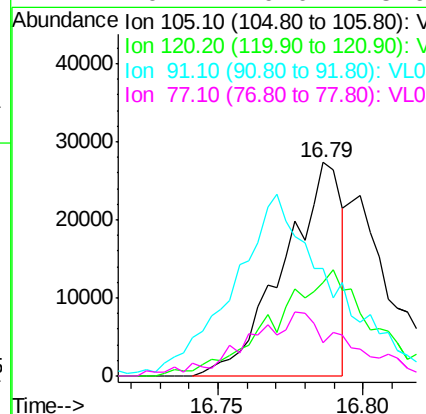
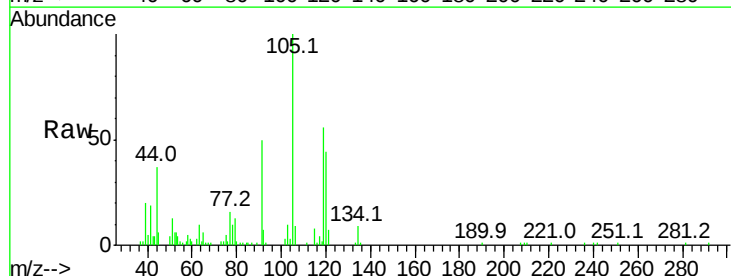
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.1

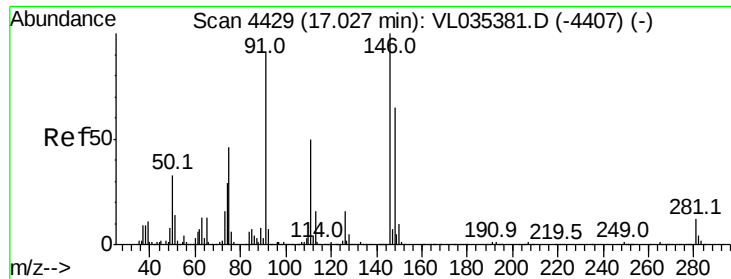
Tgt Ion:105 Resp: 55607
 Ion Ratio Lower Upper
 105 100
 120 32.7 37.4 56.0#



#74
 1,2,4-Trimethylbenzene
 Concen: 0.098 ppbv
 RT: 16.79 min Scan# 4354
 Delta R.T. -0.01 min
 Lab File: VL035385.D
 Acq: 12 Aug 2020 14:38

Tgt Ion:105 Resp: 37619
 Ion Ratio Lower Upper
 105 100
 120 41.8 39.1 58.7
 91 32.1 43.7 65.5#
 77 9.4 19.0 28.6#





#75

1,3-Dichlorobenzene

Concen: 0.089 ppbv

RT: 17.02 min Scan# 4427

Delta R.T. -0.01 min

Lab File: VL035385.D

Acq: 12 Aug 2020 14:38

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.1

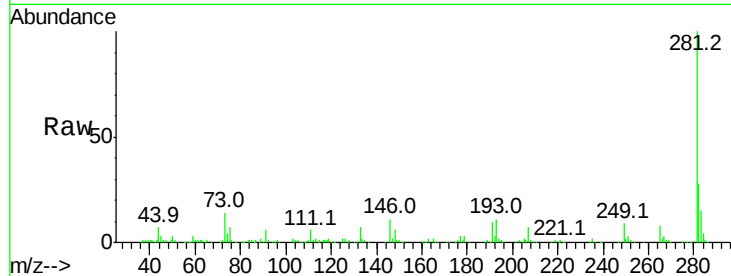
Tgt Ion:146 Resp: 22229

Ion Ratio Lower Upper

146 100

111 100.2 25.0 75.0#

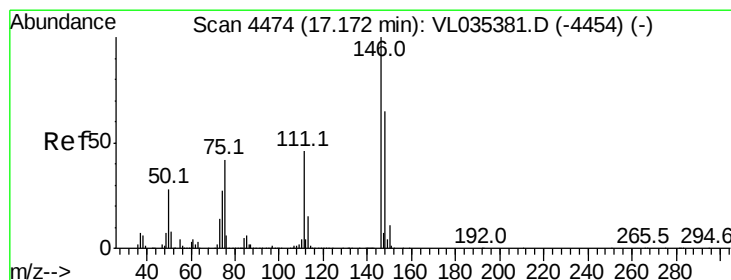
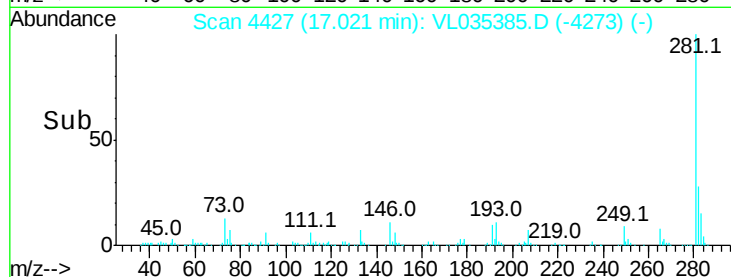
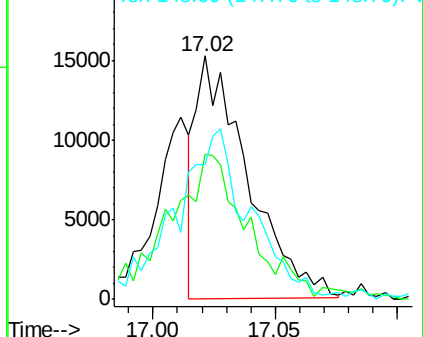
148 106.6 32.6 97.7#



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.10 (110.80 to 111.80): V

Ion 148.00 (147.70 to 148.70): V



#76

1,4-Dichlorobenzene

Concen: 0.047 ppbv

RT: 17.17 min Scan# 4474

Delta R.T. 0.00 min

Lab File: VL035385.D

Acq: 12 Aug 2020 14:38

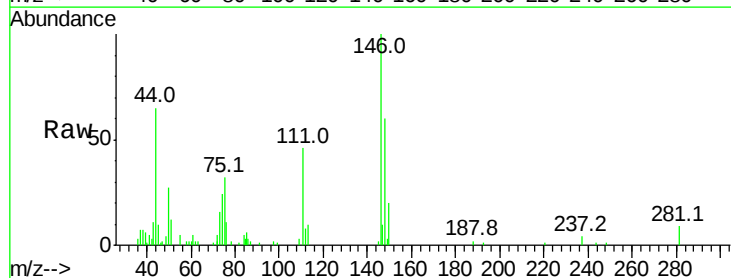
Tgt Ion:146 Resp: 10914

Ion Ratio Lower Upper

146 100

111 0.0 24.0 72.0#

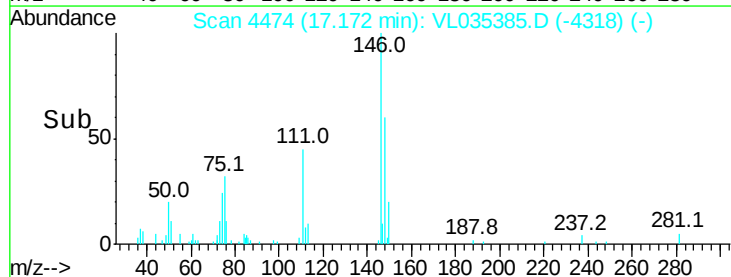
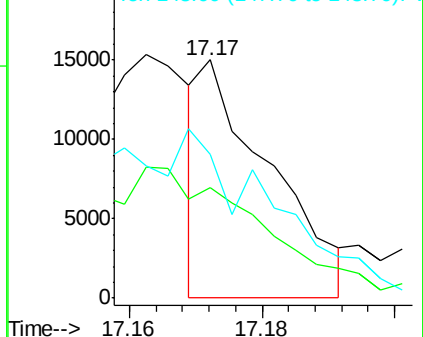
148 215.5 32.5 97.5#

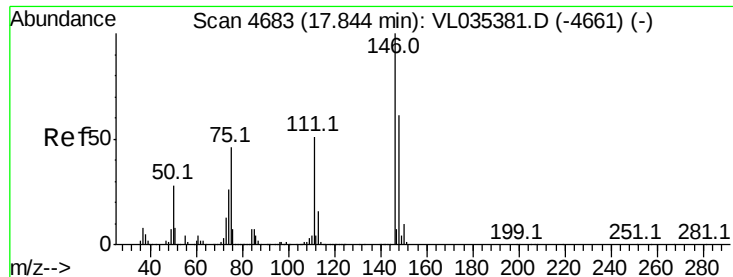


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.10 (110.80 to 111.80): V

Ion 148.00 (147.70 to 148.70): V

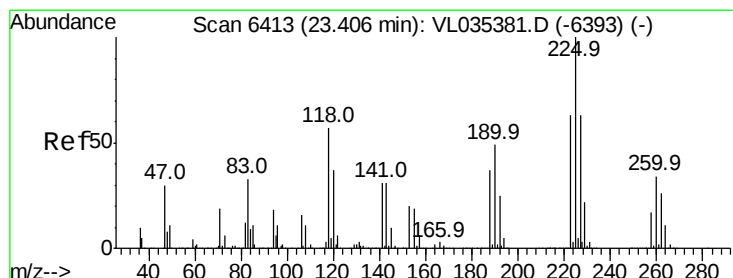
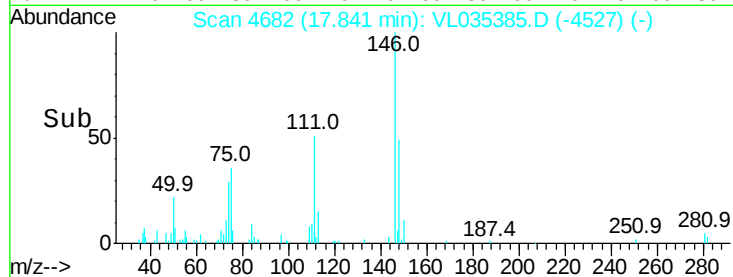
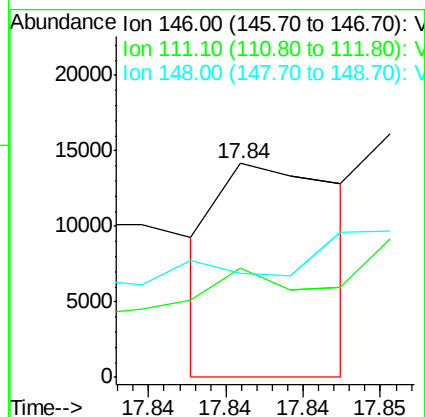
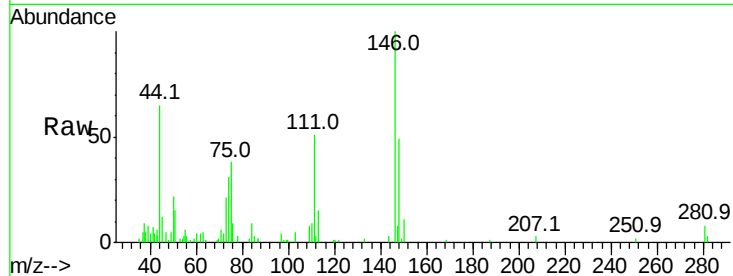




#77
 1,2-Dichlorobenzene
 Concen: 0.034 ppbv
 RT: 17.84 min Scan# 4682
 Delta R.T. -0.00 min
 Lab File: VL035385.D
 Acq: 12 Aug 2020 14:38

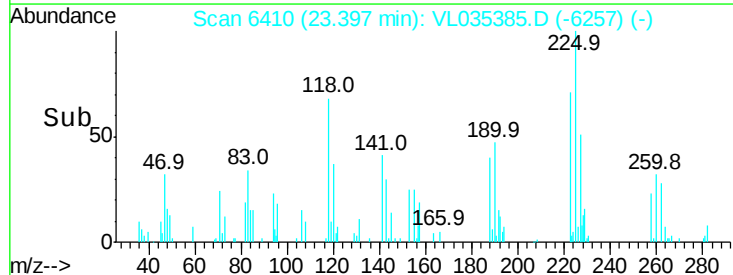
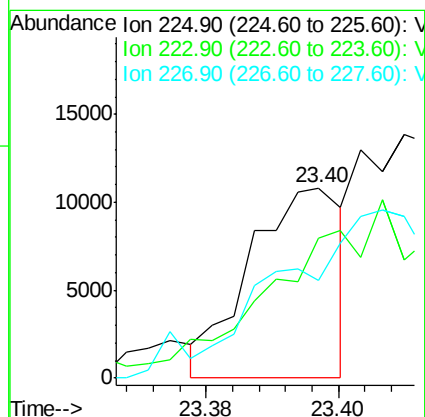
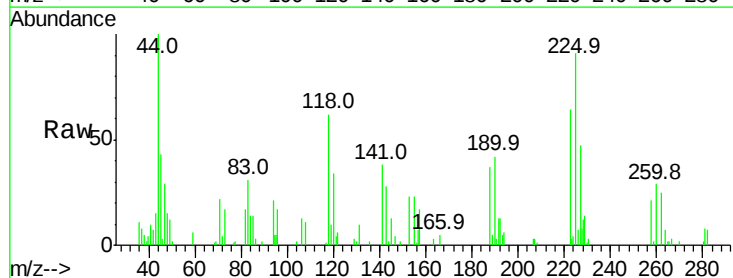
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.1

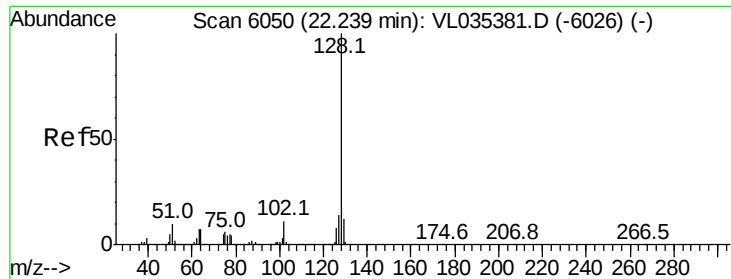
Tgt Ion:146 Resp: 7778
 Ion Ratio Lower Upper
 146 100
 111 0.0 25.9 77.8#
 148 0.0 32.1 96.3#



#78
 Hexachloro-1,3-Butadiene
 Concen: 0.053 ppbv
 RT: 23.40 min Scan# 6410
 Delta R.T. -0.01 min
 Lab File: VL035385.D
 Acq: 12 Aug 2020 14:38

Tgt Ion:225 Resp: 10489
 Ion Ratio Lower Upper
 225 100
 223 0.0 51.0 76.6#
 227 0.0 51.0 76.6#





#79

Naphthalene

Concen: 0.169 ppbv

RT: 22.24 min Scan# 6049

Delta R.T. -0.00 min

Lab File: VL035385.D

Acq: 12 Aug 2020 14:38

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.1

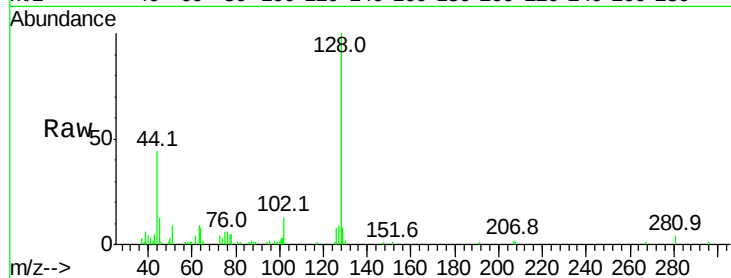
Tgt Ion:128 Resp: 49799

Ion Ratio Lower Upper

128 100

127 9.0 11.0 16.4#

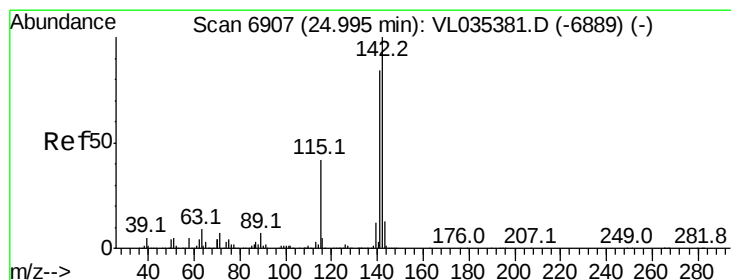
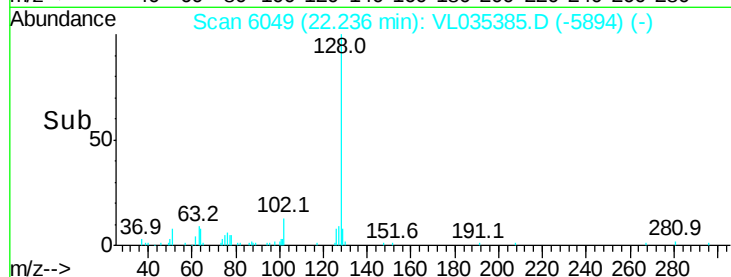
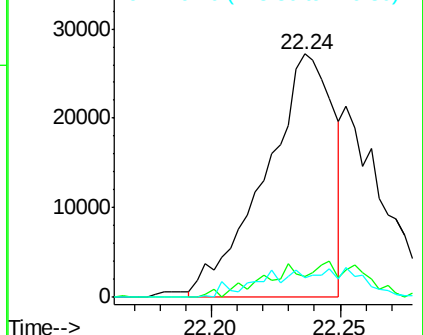
129 8.4 9.2 13.8#



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



#80

Naphthalene, 2-methyl-

Concen: 0.438 ppbv

RT: 25.00 min Scan# 6910

Delta R.T. 0.01 min

Lab File: VL035385.D

Acq: 12 Aug 2020 14:38

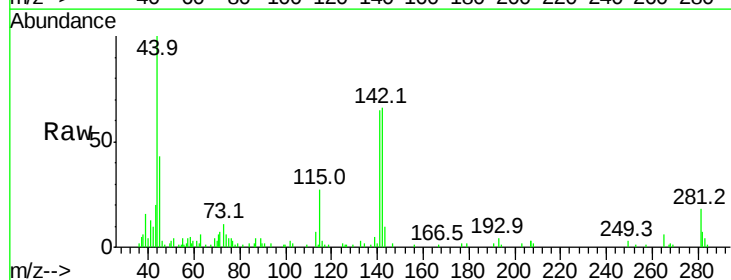
Tgt Ion:142 Resp: 29346

Ion Ratio Lower Upper

142 100

141 90.6 67.7 101.5

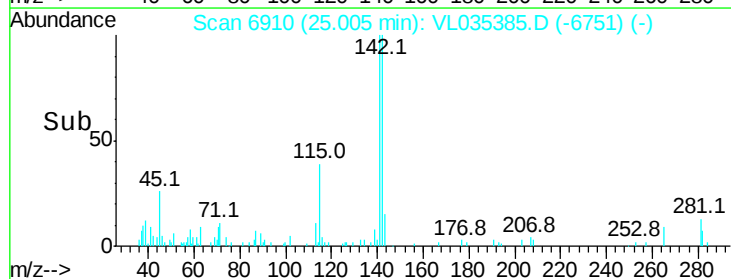
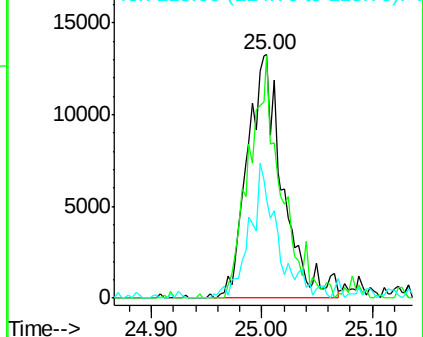
115 44.3 34.0 51.0

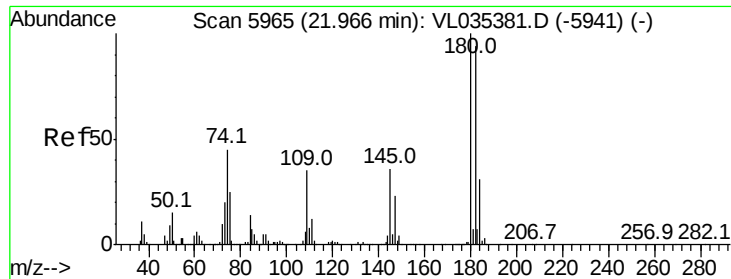


Abundance Ion 142.00 (141.70 to 142.70): V

Ion 141.00 (140.70 to 141.70): V

Ion 115.00 (114.70 to 115.70): V





#81
 1,2,4-Trichlorobenzene
 Concen: 0.046 ppbv
 RT: 21.95 min Scan# 5961
 Delta R.T. -0.01 min
 Lab File: VL035385.D
 Acq: 12 Aug 2020 14:38

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.1

Tgt Ion:180 Resp: 8511
 Ion Ratio Lower Upper
 180 100
 182 0.0 77.6 116.4#
 184 0.0 24.7 37.1#

