

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL081621\
 Data File : VL037469.D
 Acq On : 16 Aug 2021 20:01
 Operator : SY/AP
 Sample : M3277-01DUP
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Aug 17 02:22:44 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL081621AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue Aug 17 02:13:47 2021
 QLast Update : Tue Aug 17 02:13:47 2021
 Response via : Initial Calibration

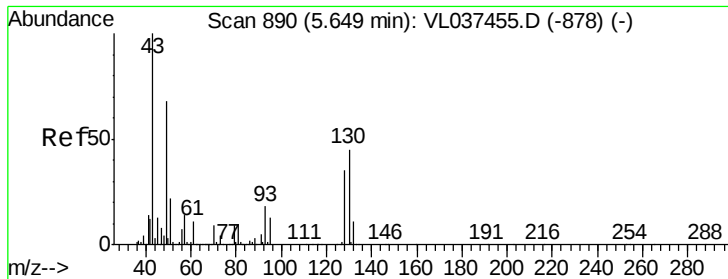
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	1267201	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.16	114	3915961	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.07	117	3289548	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.39	95	2575757	11.02	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	110.20%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chlorodifluoromethane	2.98	51	26113	0.108	ppbv #	91
4) Chloromethane	3.13	50	2504729	28.885	ppbv	95
9) Propene	3.35	41	7855	0.090	ppbv	85
11) Trichlorofluoromethane	3.94	101	3695293	19.362	ppbv	99
13) Ethanol	3.60	45	32636	3.863	ppbv #	1
15) Acetone	3.85	43	340025	2.637	ppbv	91
19) Isopropyl Alcohol	3.97	45	3473	0.047	ppbv #	95
20) Methylene Chloride	4.33	84	1432158	22.180	ppbv	96
23) Vinyl Acetate	5.06	43	9150	0.048	ppbv #	58
24) 1,1-Dichloroethane	5.00	63	2035189	14.762	ppbv	99
25) Ethyl Acetate	5.68	43	2767814	8.454	ppbv #	76
26) Hexane	5.68	57	3985595	24.899	ppbv #	45
30) Cyclohexane	7.05	84	5937	0.045	ppbv #	1
32) 1,1,1-Trichloroethane	6.50	97	7266	0.033	ppbv #	9
34) 2-Butanone	5.68	43	2687578	16.807	ppbv #	54
35) Carbon Tetrachloride	7.01	117	2276276	9.836	ppbv	99
39) 1,2-Dichloropropane	7.60	63	1614879	12.766	ppbv	97
41) Tetrahydrofuran	5.73	42	14510	0.188	ppbv #	44
42) Bromodichloromethane	7.78	83	5074258	21.281	ppbv	94
47) 1,1,2-Trichloroethane	9.46	97	5176	0.038	ppbv #	59
52) Tetrachloroethene	11.21	164	7607	0.056	ppbv #	62
53) Toluene	9.79	91	32068	0.085	ppbv	97
60) o-Xylene	13.68	91	15424	0.042	ppbv #	29
64) n-propylbenzene	15.82	120	3490885	26.313	ppbv #	1
65) tert-Butylbenzene	16.74	119	880192	1.854	ppbv #	70
66) Benzyl Chloride	16.79	91	8826	0.411	ppbv #	65
71) 2-Chlorotoluene	15.82	91	1443447	3.776	ppbv #	41
72) 4-Ethyltoluene	15.82	105	11526168	26.235	ppbv	97
73) 1,3,5-Trimethylbenzene	15.82	105	11526168	28.184	ppbv #	79
74) 1,2,4-Trimethylbenzene	16.74	105	7750296	17.834	ppbv #	69
75) 1,3-Dichlorobenzene	16.98	146	29000	0.111	ppbv #	1
76) 1,4-Dichlorobenzene	17.12	146	11365	0.043	ppbv #	1
77) 1,2-Dichlorobenzene	17.80	146	3858953	14.981	ppbv	99

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



#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.65 min Scan# 891

Delta R.T. 0.00 min

Lab File: VL037469.D

Acq: 16 Aug 2021 20:01

Instrument :
MSVOA_L
ClientSampleId :

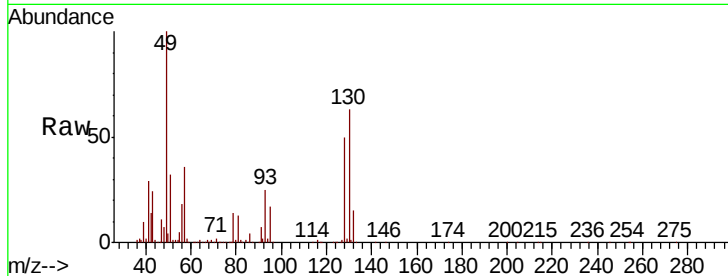
Tot Ion: 49 Resp: 1267201

Ion Ratio Lower Upper

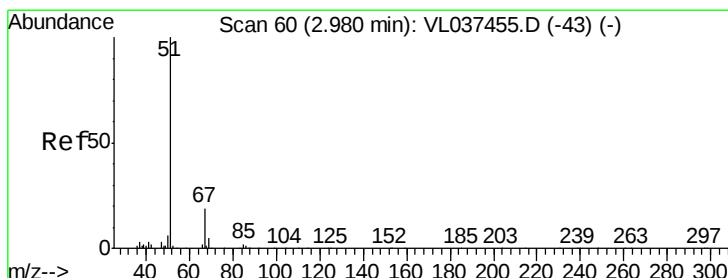
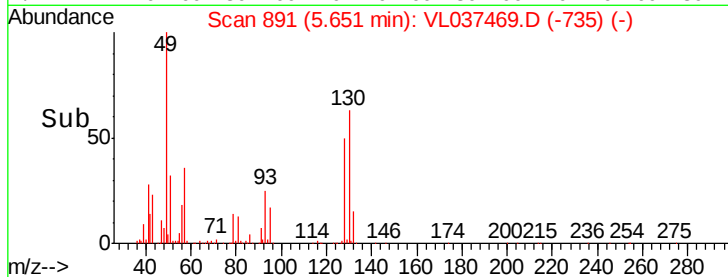
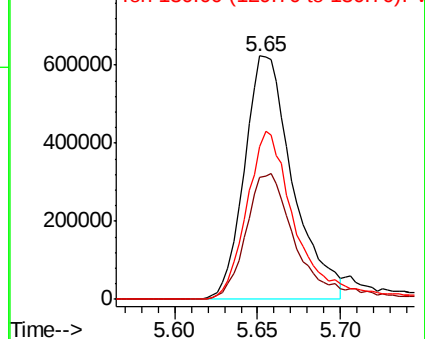
49 100

128 55.7 27.5 82.4

130 71.1 34.0 101.8



Abundance Ion 49.10 (48.80 to 49.80): VL0
Ion 128.00 (127.70 to 128.70): V
Ion 130.00 (129.70 to 130.70): V



#3

Chlorodifluoromethane

Concen: 0.108 ppbv

RT: 2.98 min Scan# 59

Delta R.T. -0.00 min

Lab File: VL037469.D

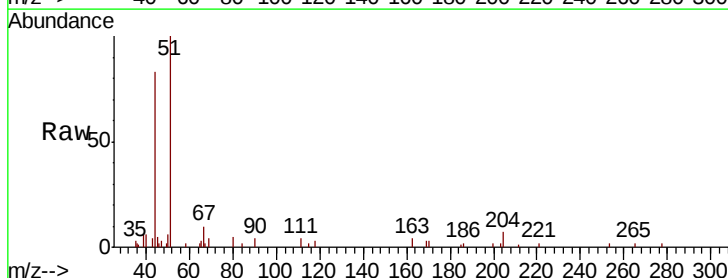
Acq: 16 Aug 2021 20:01

Tgt Ion: 51 Resp: 26113

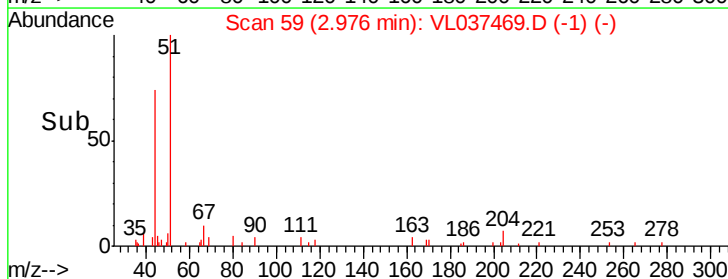
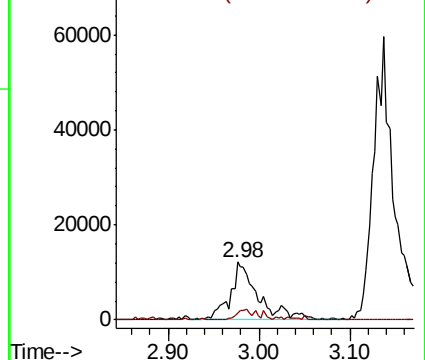
Ion Ratio Lower Upper

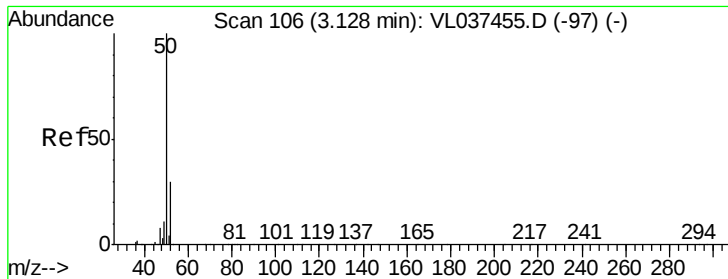
51 100

67 13.9 14.2 21.2#



Abundance Ion 51.00 (50.70 to 51.70): VL0
Ion 67.00 (66.70 to 67.70): VL0





#4

Chloromethane

Concen: 28.885 ppbv

RT: 3.13 min Scan# 108

Delta R.T. 0.01 min

Lab File: VL037469.D

Acq: 16 Aug 2021 20:01

Instrument :

MSVOA_L

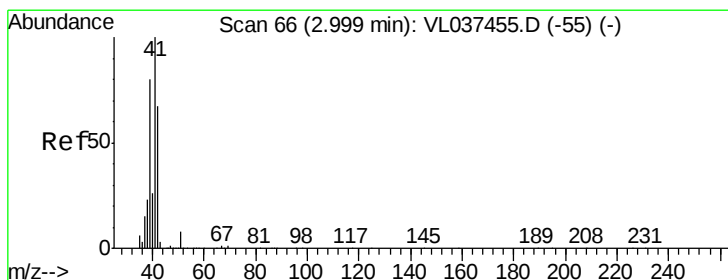
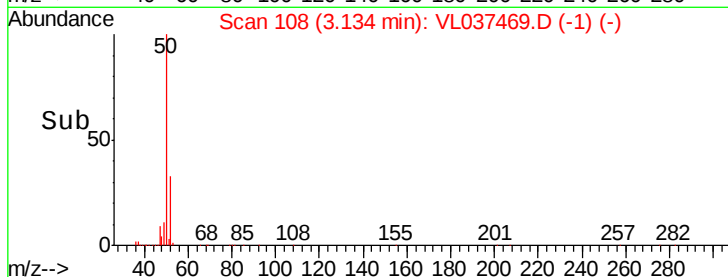
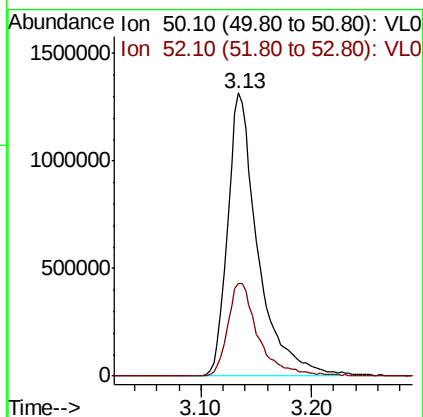
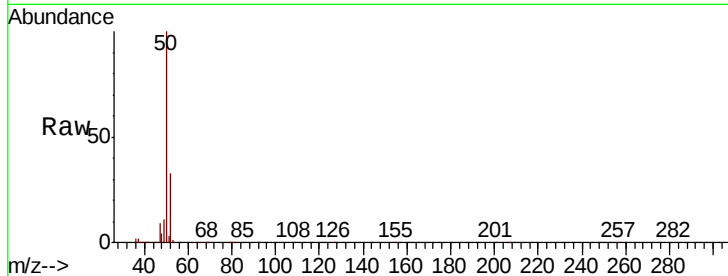
ClientSampleId :

Tot Ion: 50 Resp: 2504729

Ion Ratio Lower Upper

50 100

52 32.9 24.0 36.0



#9

Propene

Concen: 0.090 ppbv

RT: 3.35 min Scan# 176

Delta R.T. 0.35 min

Lab File: VL037469.D

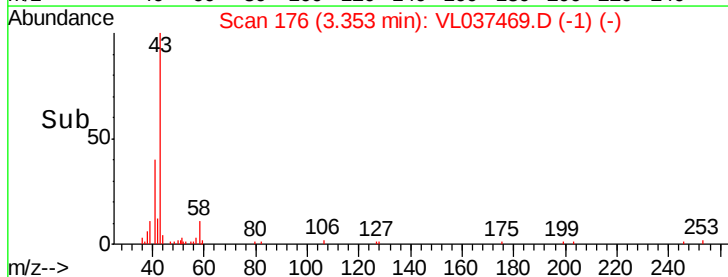
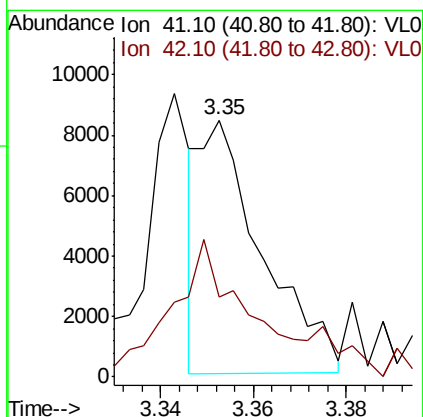
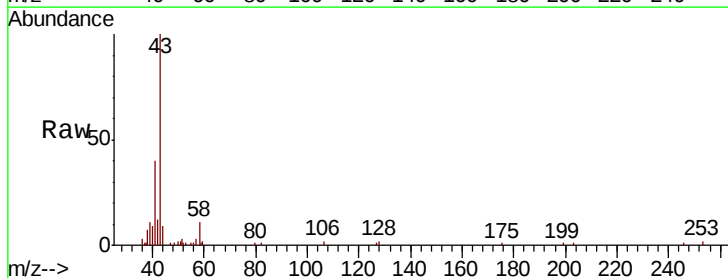
Acq: 16 Aug 2021 20:01

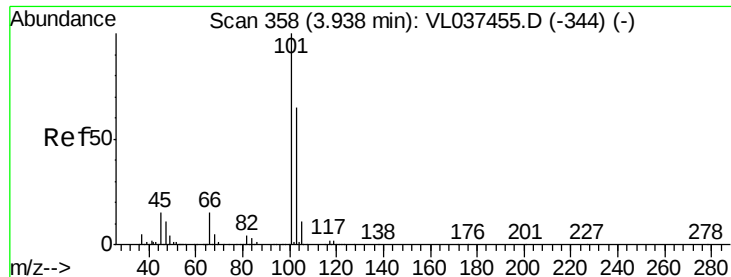
Tgt Ion: 41 Resp: 7855

Ion Ratio Lower Upper

41 100

42 78.8 53.7 80.5

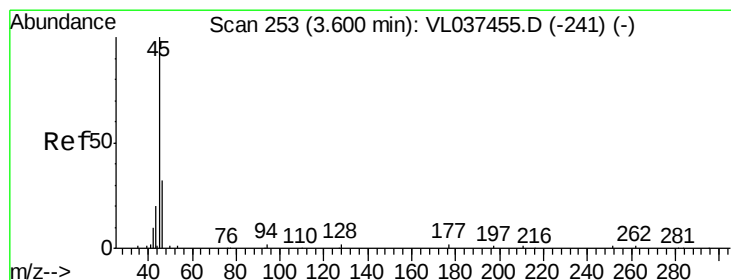
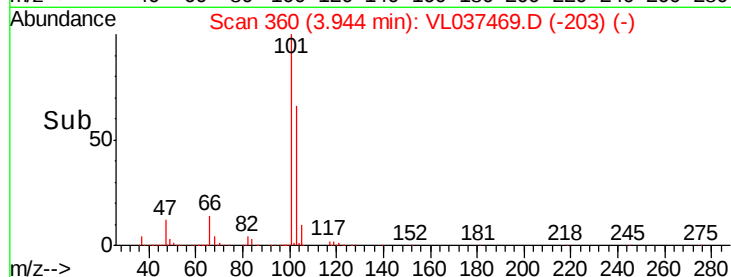
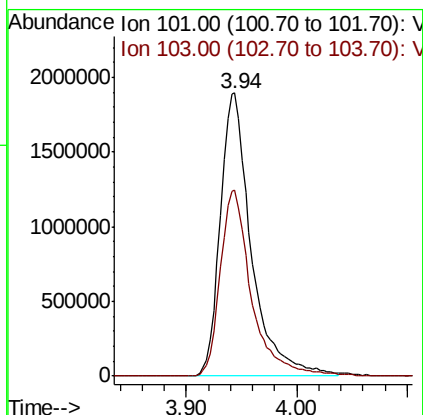
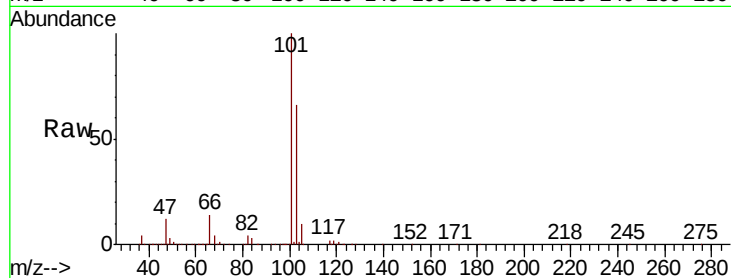




#11
 Trichlorofluoromethane
 Concen: 19.362 ppbv
 RT: 3.94 min Scan# 360
 Delta R.T. 0.01 min
 Lab File: VL037469.D
 Acq: 16 Aug 2021 20:01

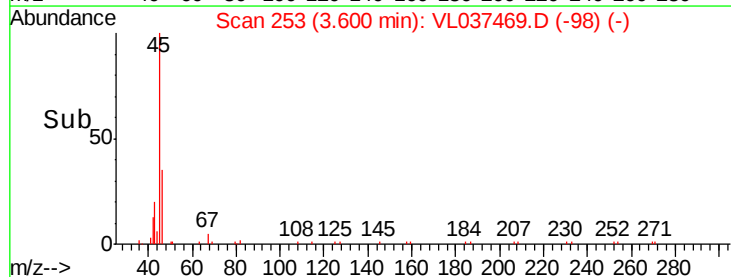
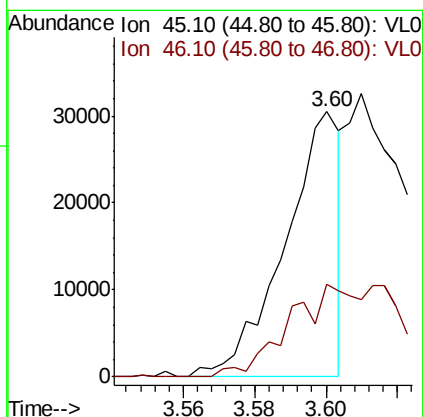
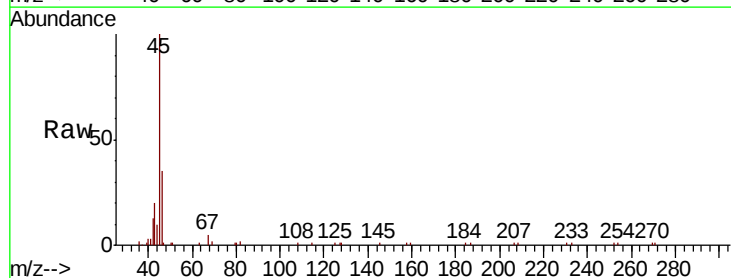
Instrument :
 MSVOA_L
 ClientSampleId :

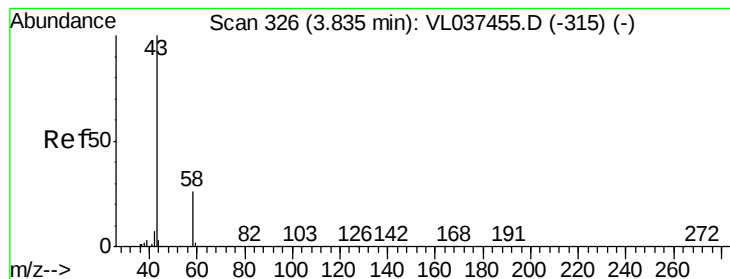
Tot Ion:101 Resp: 3695293
 Ion Ratio Lower Upper
 101 100
 103 65.8 51.8 77.6



#13
 Ethanol
 Concen: 3.863 ppbv
 RT: 3.60 min Scan# 253
 Delta R.T. -0.00 min
 Lab File: VL037469.D
 Acq: 16 Aug 2021 20:01

Tgt Ion: 45 Resp: 32636
 Ion Ratio Lower Upper
 45 100
 46 105.8 14.1 56.5#





#15

Acetone

Concen: 2.637 ppbv

RT: 3.85 min Scan# 330

Delta R.T. 0.01 min

Lab File: VL037469.D

Acq: 16 Aug 2021 20:01

Instrument :

MSVOA_L

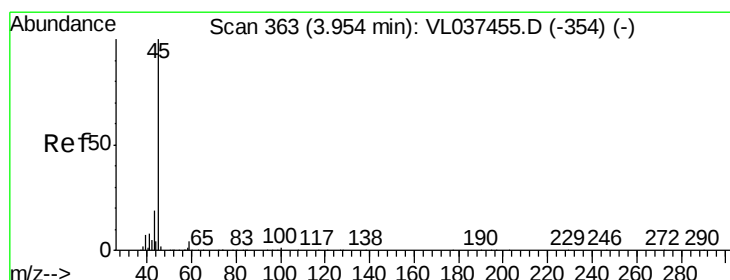
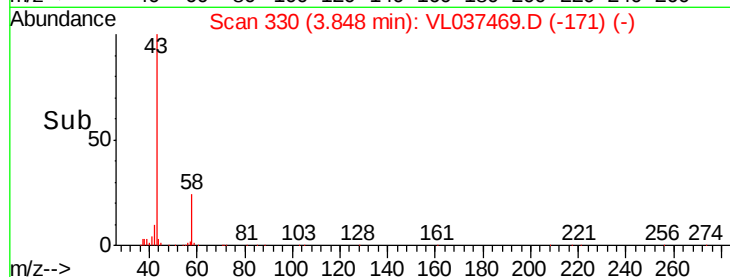
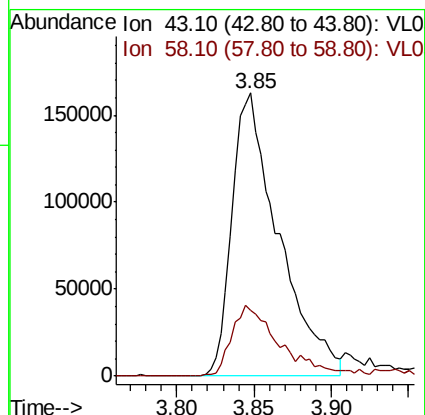
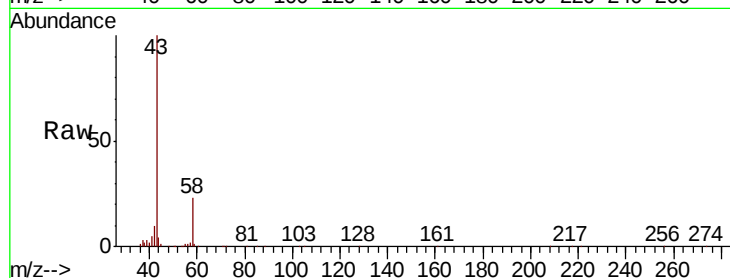
ClientSampleId :

Tot Ion: 43 Resp: 340025

Ion Ratio Lower Upper

43 100

58 26.2 24.8 37.2



#19

Isopropyl Alcohol

Concen: 0.047 ppbv

RT: 3.97 min Scan# 367

Delta R.T. 0.01 min

Lab File: VL037469.D

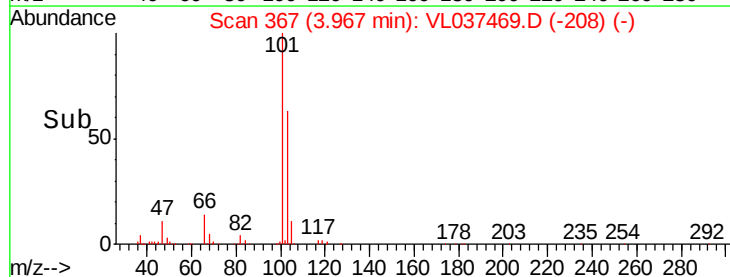
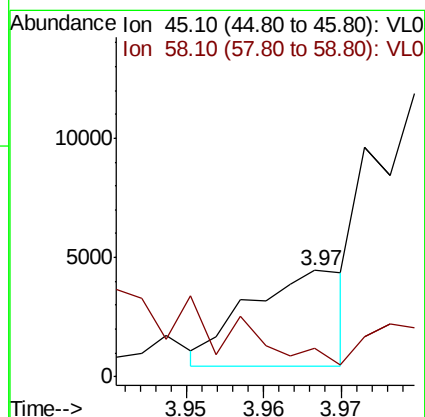
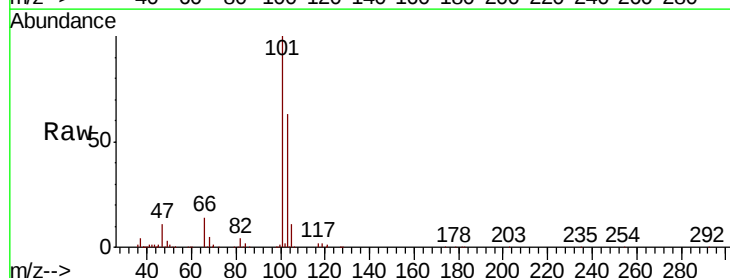
Acq: 16 Aug 2021 20:01

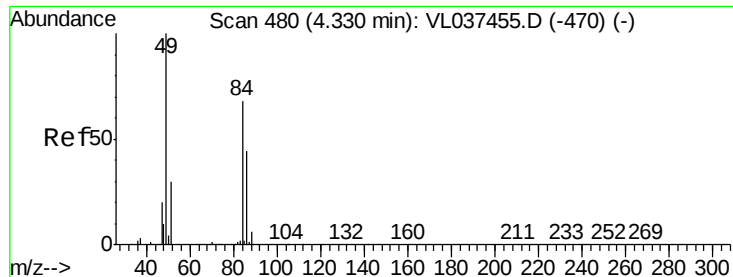
Tgt Ion: 45 Resp: 3473

Ion Ratio Lower Upper

45 100

58 0.0 1.4 2.2#



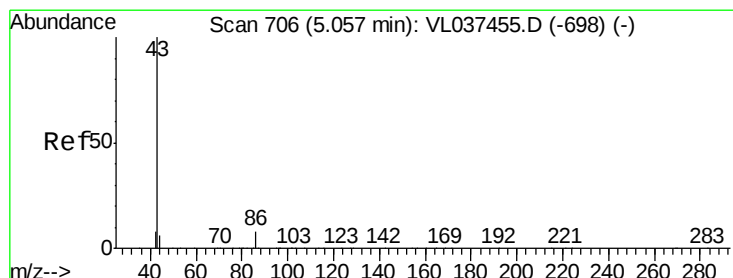
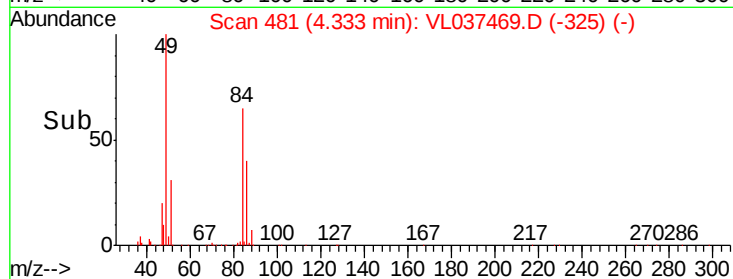
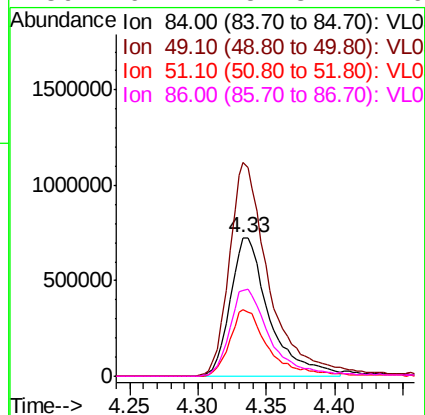
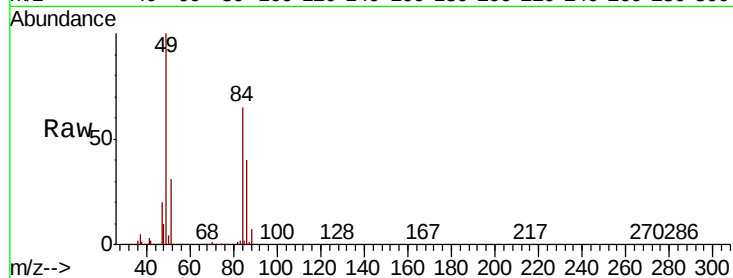


#20
Methvlene Chloride
Concen: 22.180 ppbv
RT: 4.33 min Scan# 481
Delta R.T. 0.00 min
Lab File: VL037469.D
Acq: 16 Aug 2021 20:01

Instrument :
MSVOA_L
ClientSampleId :

Tot Ion: 84 Resp: 1432158

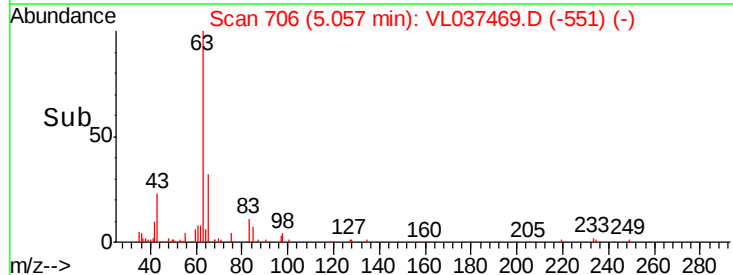
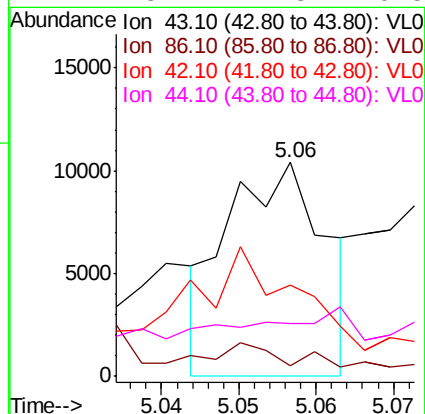
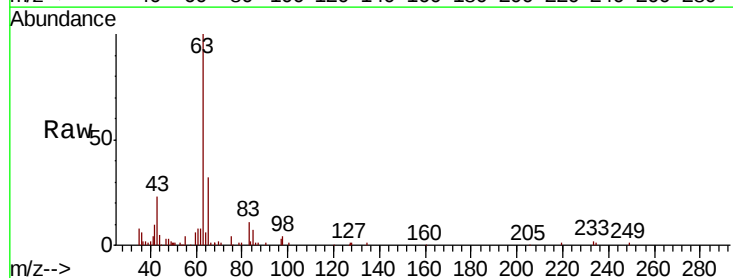
Ion	Ratio	Lower	Upper
84	100		
49	154.0	118.2	177.2
51	47.6	36.6	55.0
86	62.1	51.8	77.6

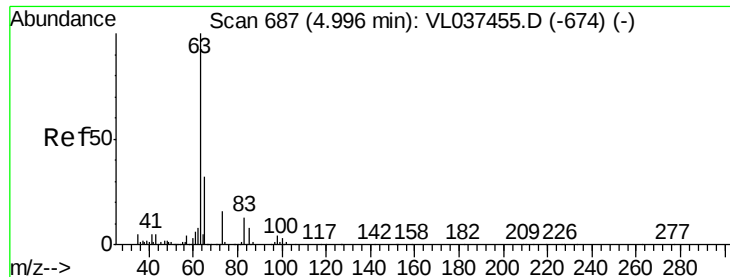


#23
Vinyl Acetate
Concen: 0.048 ppbv
RT: 5.06 min Scan# 706
Delta R.T. -0.00 min
Lab File: VL037469.D
Acq: 16 Aug 2021 20:01

Tgt Ion: 43 Resp: 9150

Ion	Ratio	Lower	Upper
43	100		
86	1.1	5.7	8.5#
42	40.1	7.4	11.2#
44	5.7	4.3	6.5





#24

1,1-Dichloroethane

Concen: 14.762 ppbv

RT: 5.00 min Scan# 688

Delta R.T. 0.00 min

Lab File: VL037469.D

Acq: 16 Aug 2021 20:01

Instrument :
MSVOA_L
ClientSampleId :

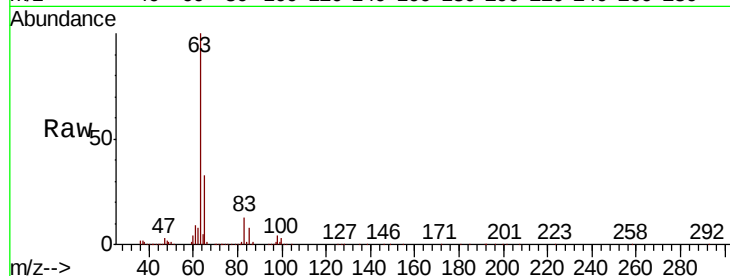
Tot Ion: 63 Resp: 2035189

Ion Ratio Lower Upper

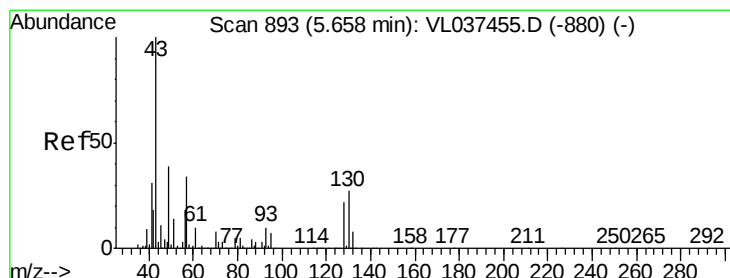
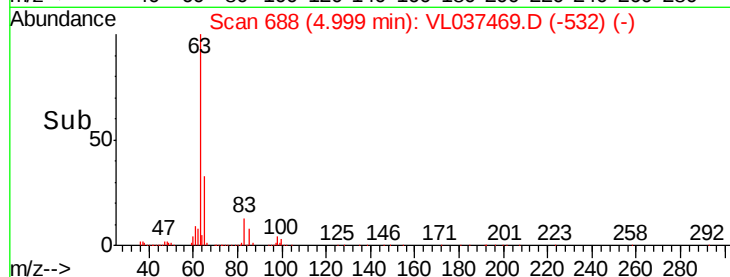
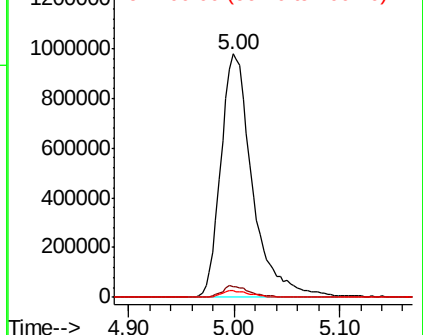
63 100

98 4.2 2.1 6.3

100 2.6 1.6 4.7



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: 8.454 ppbv

RT: 5.68 min Scan# 899

Delta R.T. 0.02 min

Lab File: VL037469.D

Acq: 16 Aug 2021 20:01

Tgt Ion: 43 Resp: 2767814

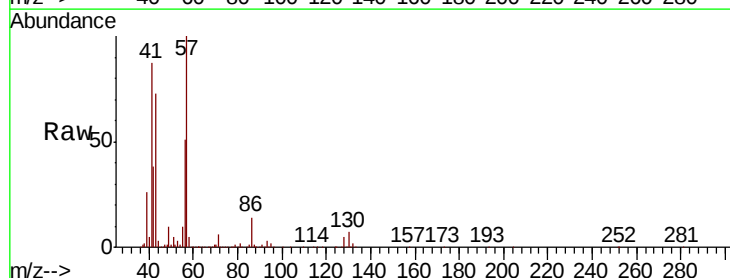
Ion Ratio Lower Upper

43 100

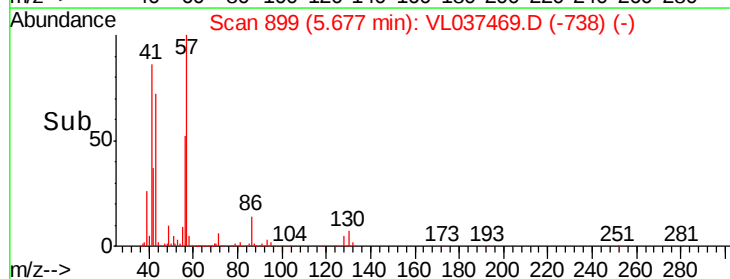
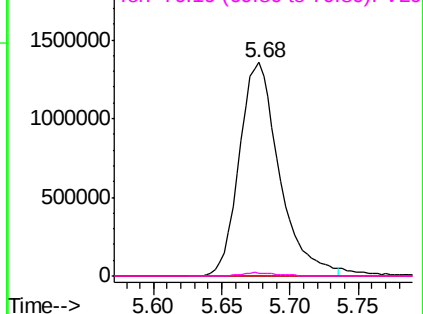
45 0.2 8.0 12.0#

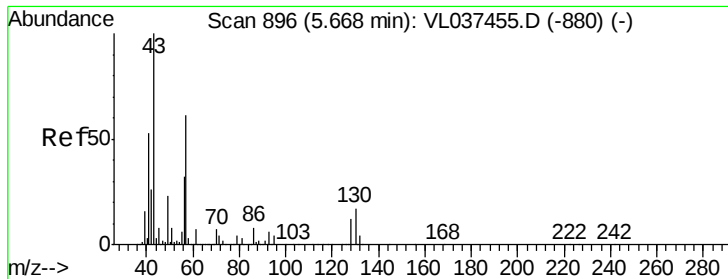
61 0.2 8.0 12.0#

70 1.6 5.6 8.4#



Abundance Ion 43.10 (42.80 to 43.80): VL0
Ion 45.10 (44.80 to 45.80): VL0
Ion 61.10 (60.80 to 61.80): VL0
Ion 70.10 (69.80 to 70.80): VL0

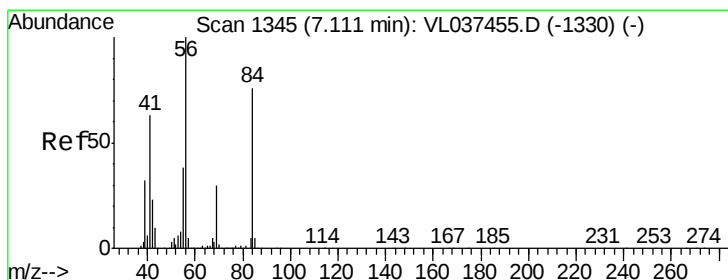
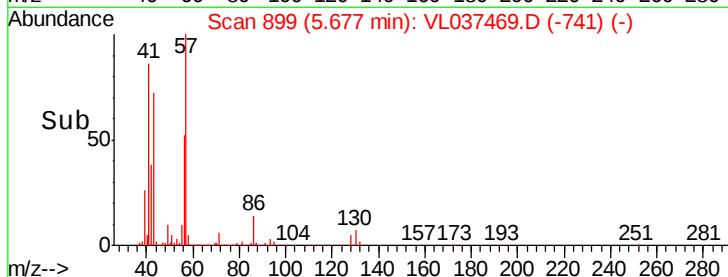
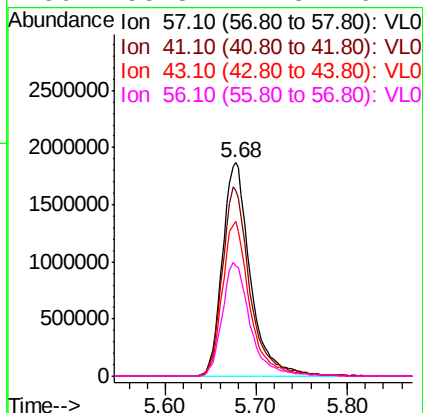
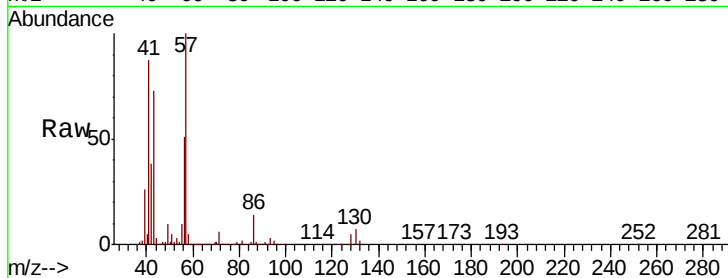




#26
Hexane
Concen: 24.899 ppbv
RT: 5.68 min Scan# 899
Delta R.T. 0.01 min
Lab File: VL037469.D
Acq: 16 Aug 2021 20:01

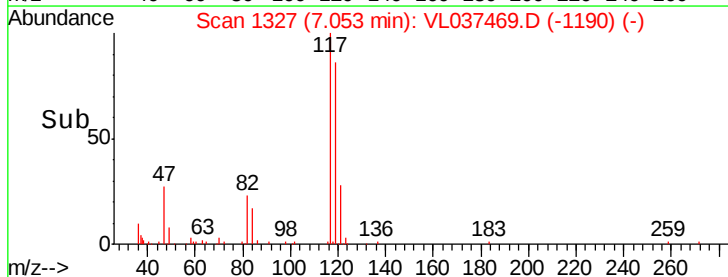
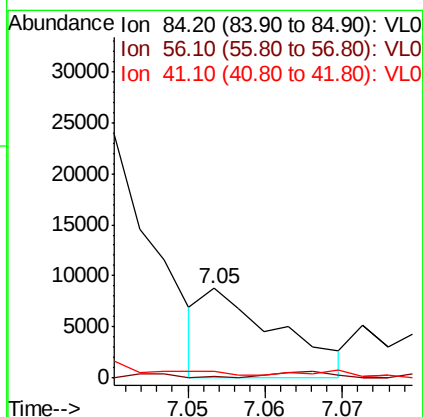
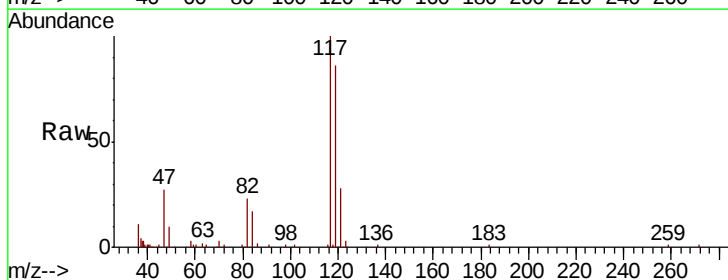
Instrument :
MSVOA_L
ClientSampled :

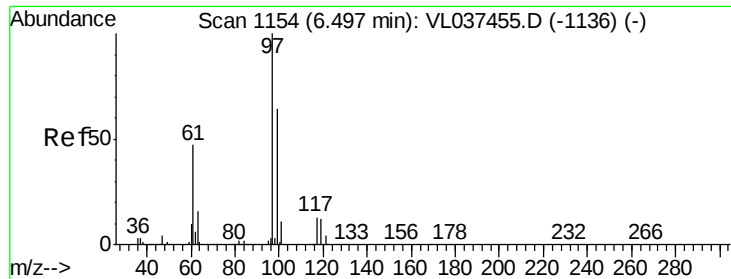
Tot Ion: 57 Resp: 3985595
Ion Ratio Lower Upper
57 100
41 88.2 72.3 108.5
43 71.4 172.3 258.5#
56 53.3 42.8 64.2



#30
Cyclohexane
Concen: 0.045 ppbv
RT: 7.05 min Scan# 1327
Delta R.T. -0.06 min
Lab File: VL037469.D
Acq: 16 Aug 2021 20:01

Tgt Ion: 84 Resp: 5937
Ion Ratio Lower Upper
84 100
56 1739.6 110.6 165.8#
41 0.0 67.0 100.6#

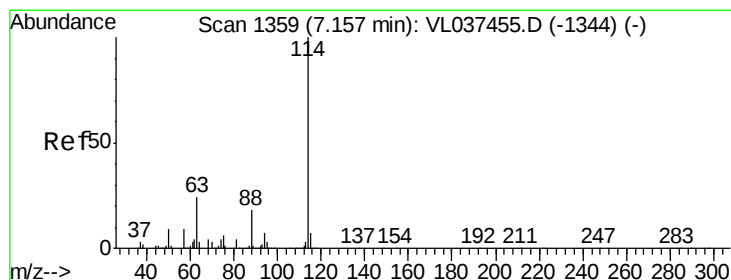
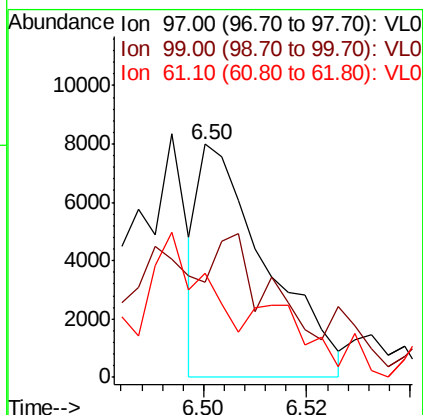
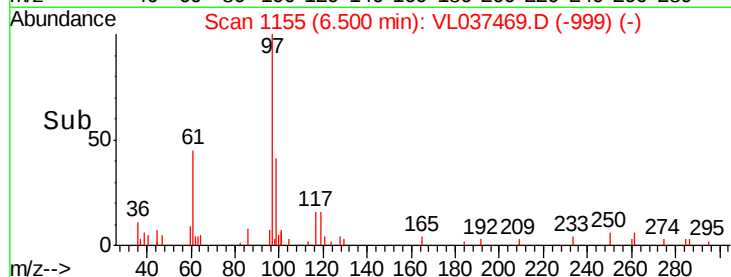
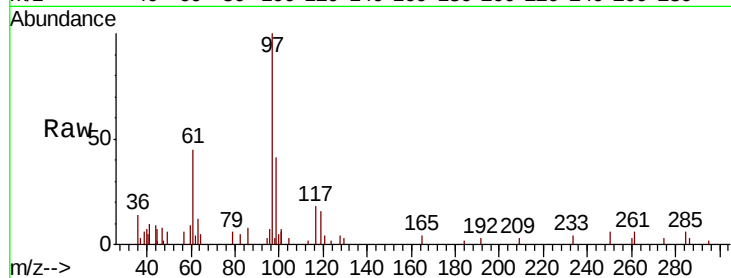




#32
 1,1,1-Trichloroethane
 Concen: 0.033 ppbv
 RT: 6.50 min Scan# 1155
 Delta R.T. 0.00 min
 Lab File: VL037469.D
 Acq: 16 Aug 2021 20:01

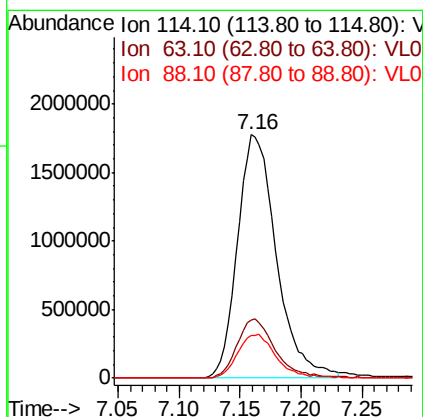
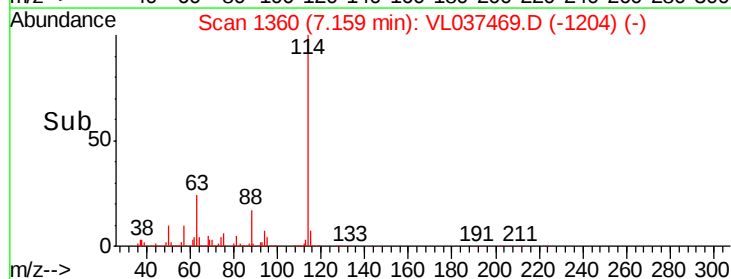
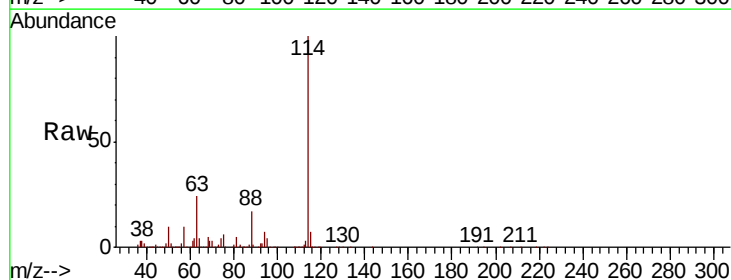
Instrument :
 MSVOA_L
 ClientSampled :

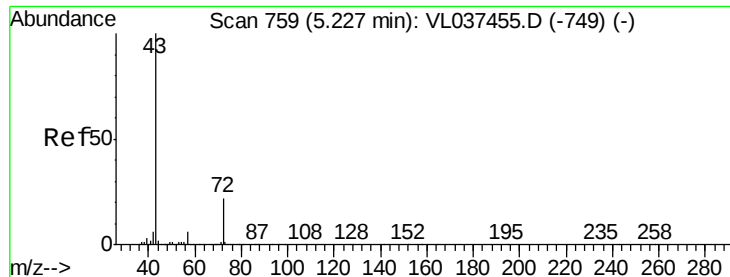
Tot Ion: 97 Resp: 7266
 Ion Ratio Lower Upper
 97 100
 99 147.6 51.8 77.6#
 61 0.0 39.6 59.4#



#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.16 min Scan# 1360
 Delta R.T. 0.00 min
 Lab File: VL037469.D
 Acq: 16 Aug 2021 20:01

Tgt Ion: 114 Resp: 3915961
 Ion Ratio Lower Upper
 114 100
 63 24.0 19.3 28.9
 88 18.2 14.2 21.4

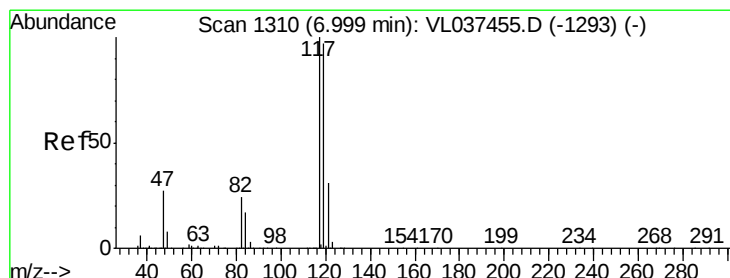
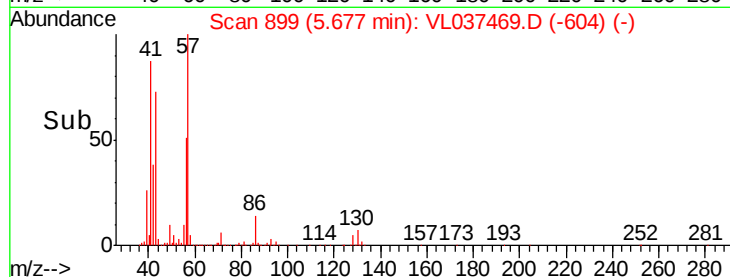
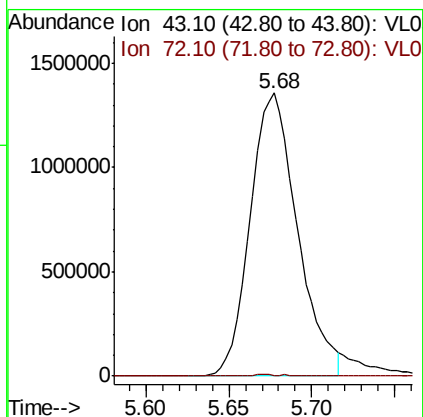
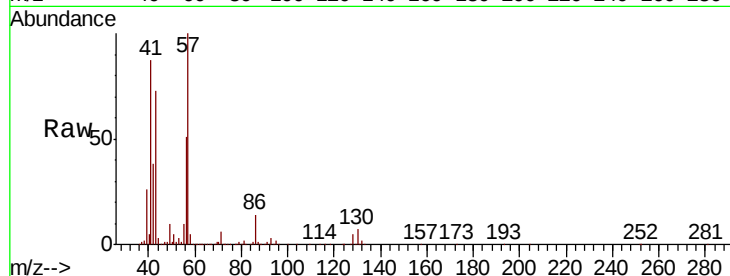




#34
2-Butanone
Concen: 16.807 ppbv
RT: 5.68 min Scan# 899
Delta R.T. 0.45 min
Lab File: VL037469.D
Acq: 16 Aug 2021 20:01

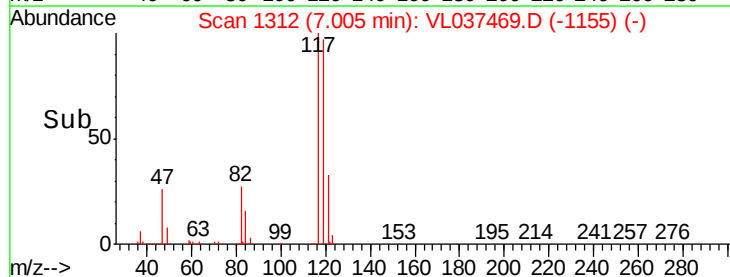
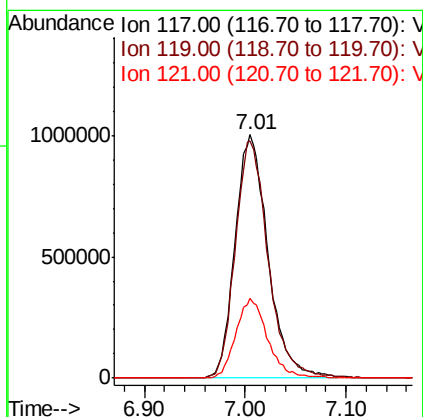
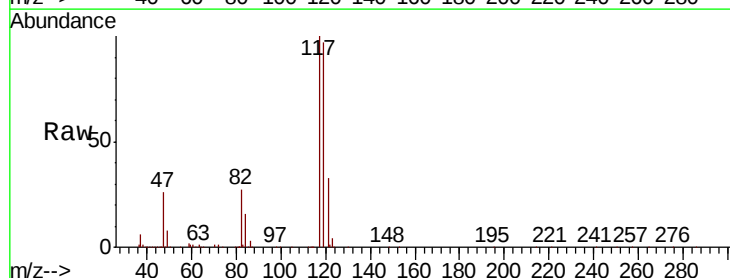
Instrument :
MSVOA_L
ClientSampleId :

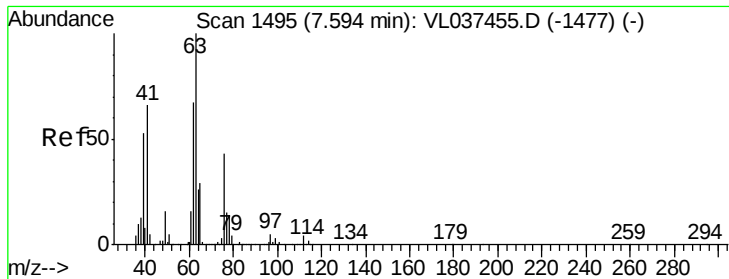
Tot Ion: 43 Resp: 2687578
Ion Ratio Lower Upper
43 100
72 0.0 17.4 26.0#



#35
Carbon Tetrachloride
Concen: 9.836 ppbv
RT: 7.01 min Scan# 1312
Delta R.T. 0.01 min
Lab File: VL037469.D
Acq: 16 Aug 2021 20:01

Tgt Ion: 117 Resp: 2276276
Ion Ratio Lower Upper
117 100
119 97.4 77.3 115.9
121 32.6 25.2 37.8



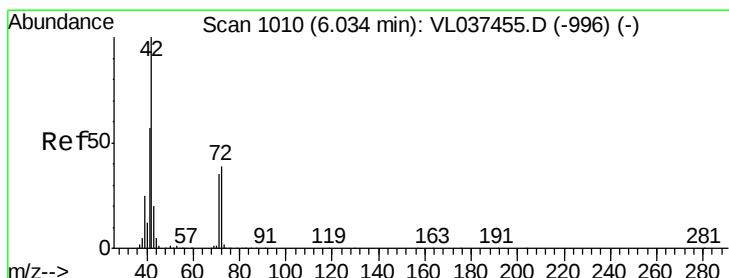
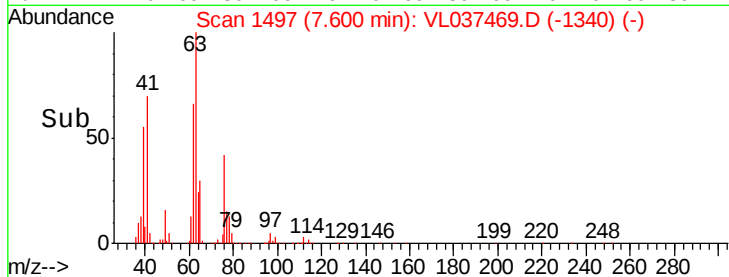
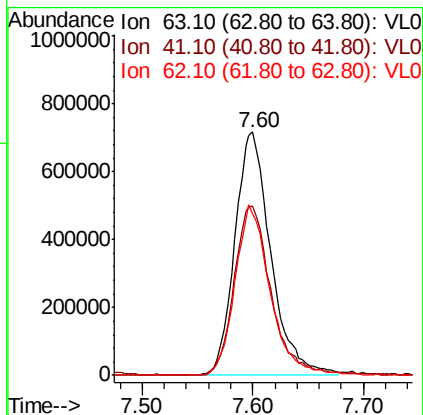
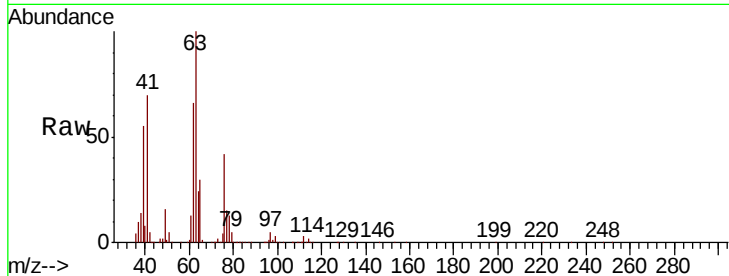


#39
 1,2-Dichloropropane
 Concen: 12.766 ppbv
 RT: 7.60 min Scan# 1497
 Delta R.T. 0.01 min
 Lab File: VL037469.D
 Acq: 16 Aug 2021 20:01

Instrument :
 MSVOA_L
 ClientSampleId :

Tot Ion: 63 Resp: 1614879

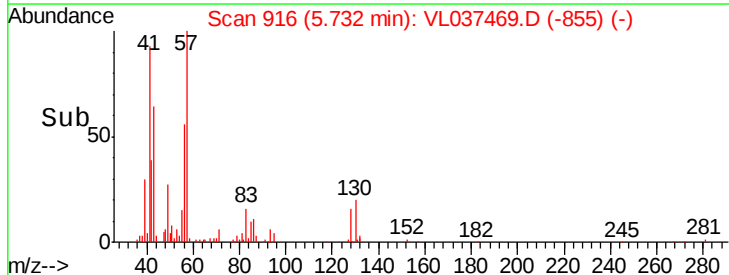
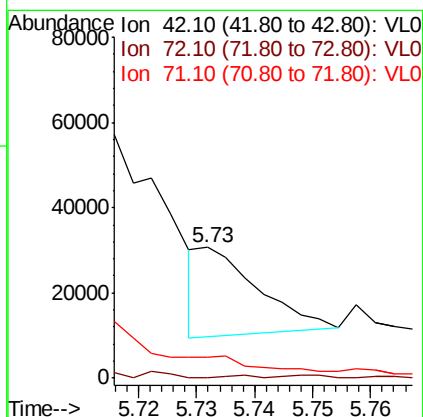
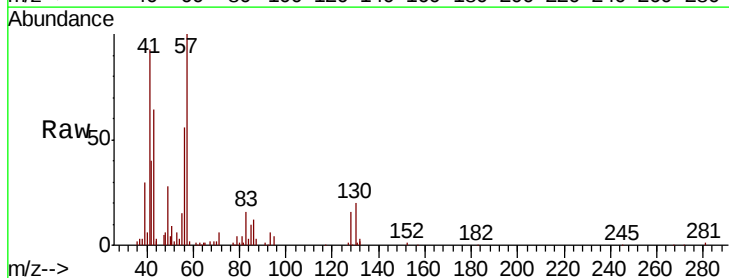
Ion	Ratio	Lower	Upper
63	100		
41	69.8	52.4	78.6
62	66.4	53.6	80.4

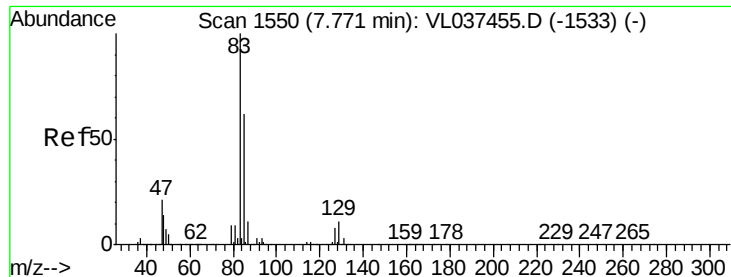


#41
 Tetrahydrofuran
 Concen: 0.188 ppbv
 RT: 5.73 min Scan# 916
 Delta R.T. -0.30 min
 Lab File: VL037469.D
 Acq: 16 Aug 2021 20:01

Tgt Ion: 42 Resp: 14510

Ion	Ratio	Lower	Upper
42	100		
72	9.2	32.2	48.4#
71	0.0	30.5	45.7#





#42

Bromodichloromethane

Concen: 21.281 ppbv

RT: 7.78 min Scan# 1552

Delta R.T. 0.01 min

Lab File: VL037469.D

Acq: 16 Aug 2021 20:01

Instrument :

MSVOA_L

ClientSampled :

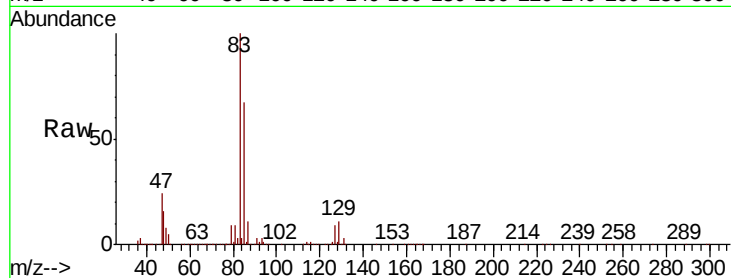
Tot Ion: 83 Resp: 5074258

Ion Ratio Lower Upper

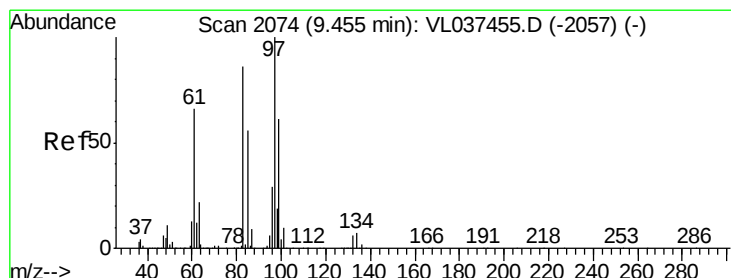
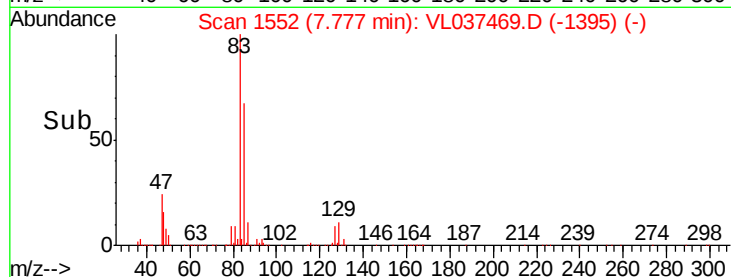
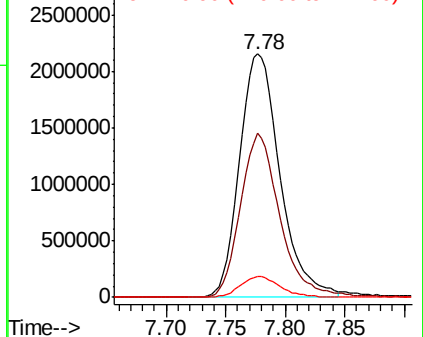
83 100

85 67.3 49.5 74.3

127 8.6 6.3 9.5



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



#47

1,1,2-Trichloroethane

Concen: 0.038 ppbv

RT: 9.46 min Scan# 2075

Delta R.T. 0.00 min

Lab File: VL037469.D

Acq: 16 Aug 2021 20:01

Tgt Ion: 97 Resp: 5176

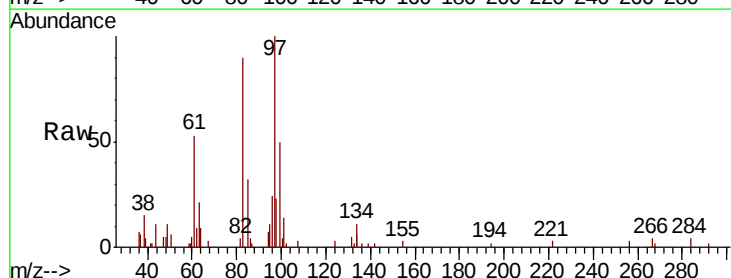
Ion Ratio Lower Upper

97 100

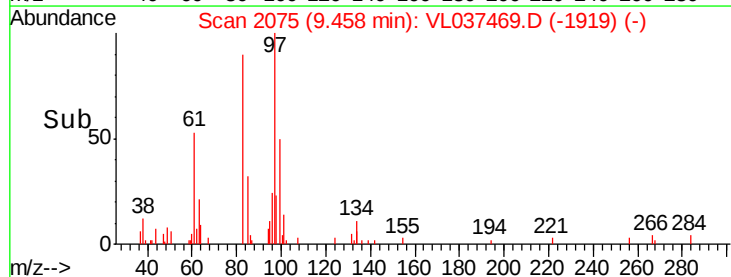
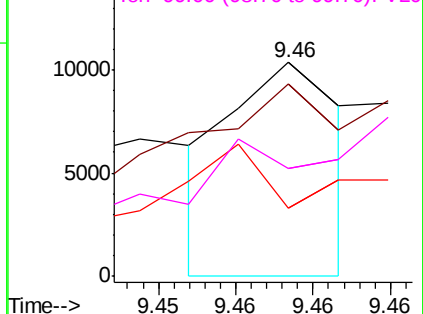
83 58.2 68.7 103.1#

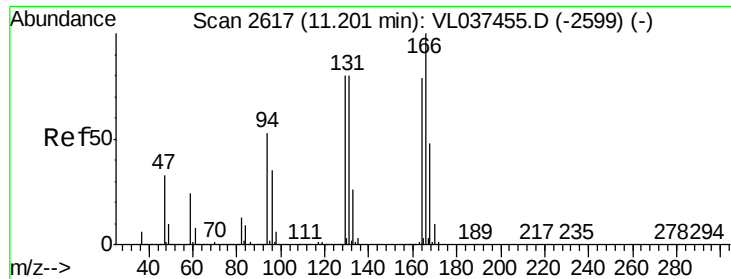
85 0.0 44.7 67.1#

99 43.4 48.6 72.8#



Abundance Ion 97.00 (96.70 to 97.70): VL0
Ion 83.00 (82.70 to 83.70): VL0
Ion 85.00 (84.70 to 85.70): VL0
Ion 99.00 (98.70 to 99.70): VL0

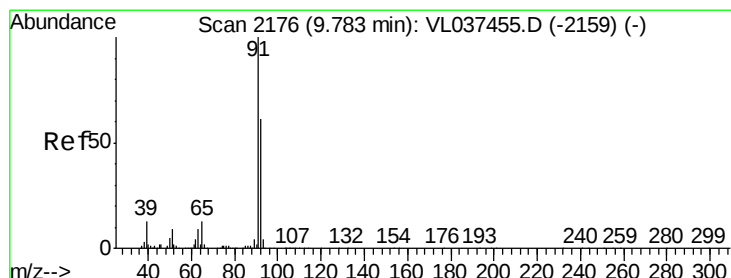
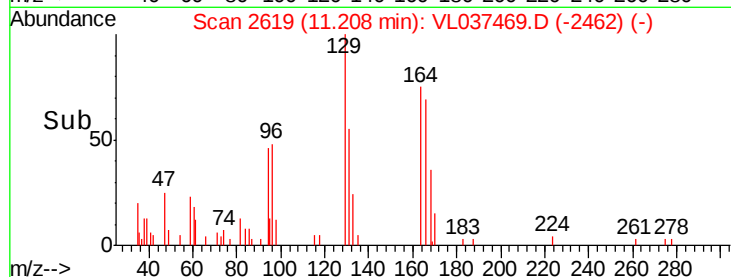
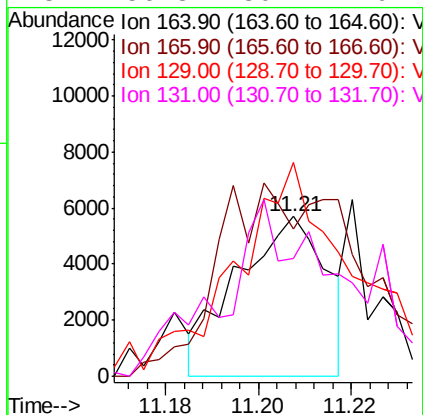
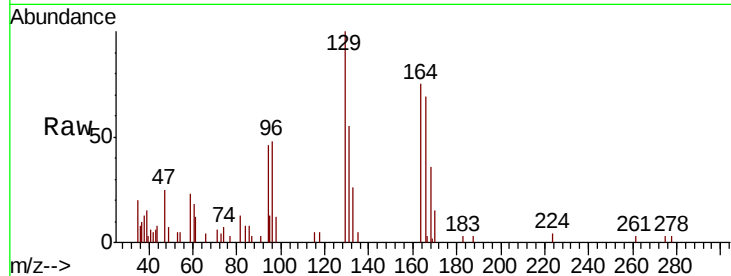




#52
Tetrachloroethene
Concen: 0.056 ppbv
RT: 11.21 min Scan# 2619
Delta R.T. 0.01 min
Lab File: VL037469.D
Acq: 16 Aug 2021 20:01

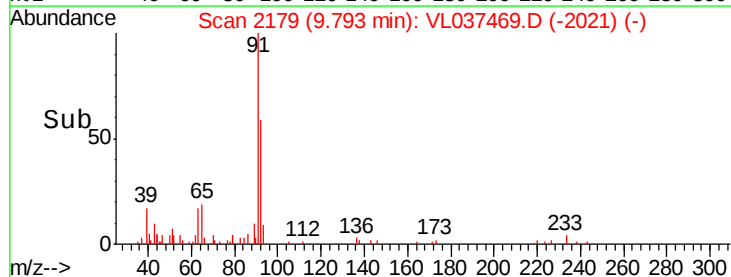
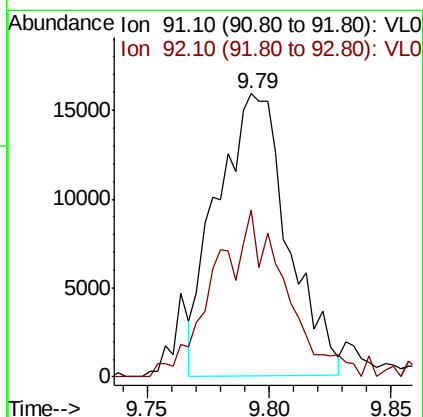
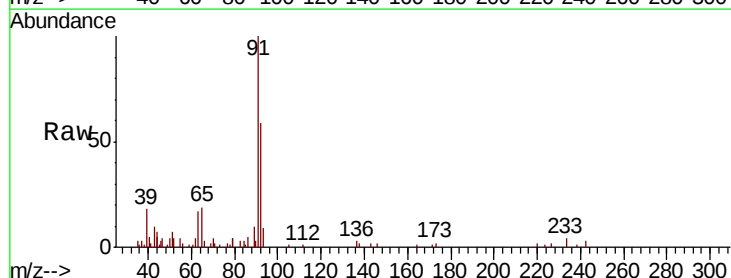
Instrument :
MSVOA_L
ClientSampleId :

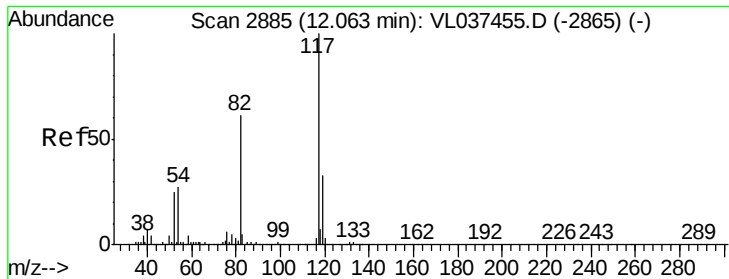
Tot Ion	Ratio	Lower	Upper
164	100		
166	90.7	100.7	151.1#
129	144.0	80.9	121.3#
131	56.3	80.2	120.4#



#53
Toluene
Concen: 0.085 ppbv
RT: 9.79 min Scan# 2179
Delta R.T. 0.01 min
Lab File: VL037469.D
Acq: 16 Aug 2021 20:01

Tgt Ion	Ratio	Lower	Upper
91	100		
92	58.7	48.8	73.2

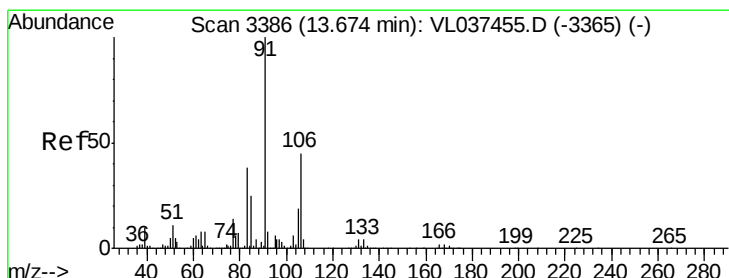
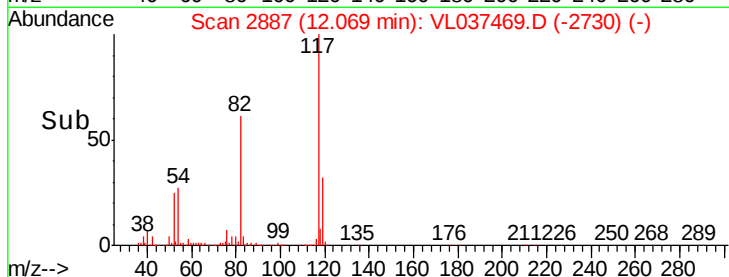
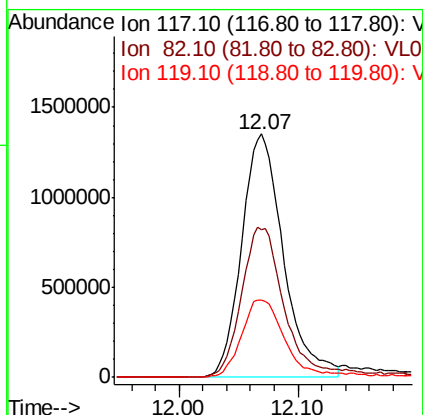
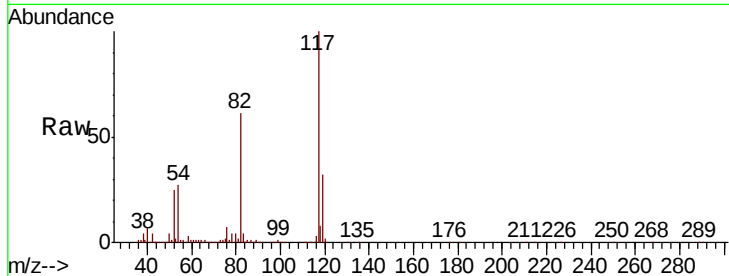




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.07 min Scan# 2887
Delta R.T. 0.01 min
Lab File: VL037469.D
Acq: 16 Aug 2021 20:01

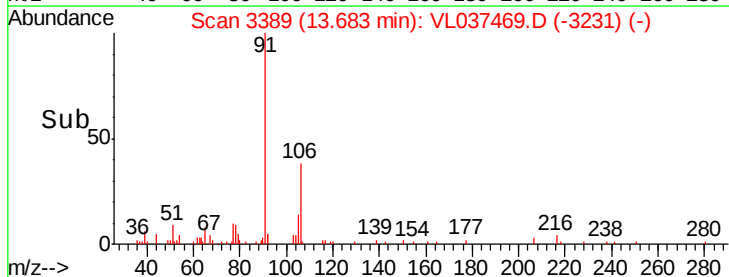
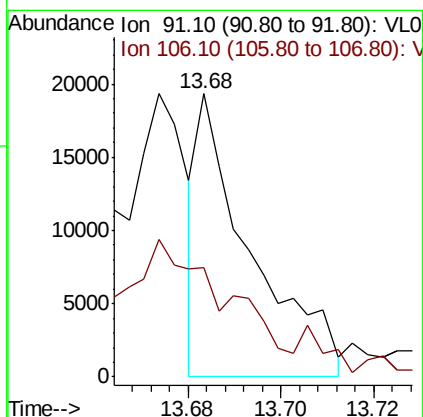
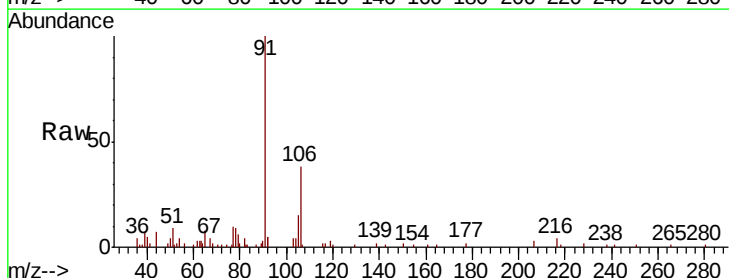
Instrument :
MSVOA_L
ClientSampleId :

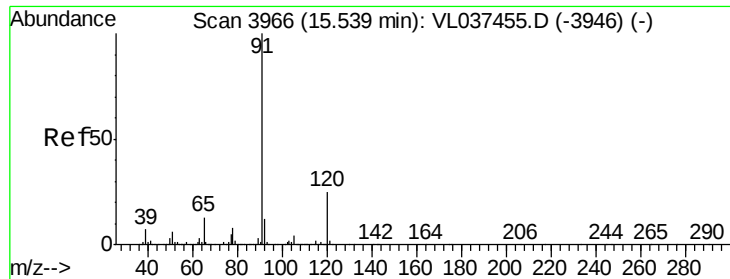
Tot Ion:117 Resp: 3289548
Ion Ratio Lower Upper
117 100
82 67.2 52.9 79.3
119 34.4 24.8 37.2



#60
o-Xylene
Concen: 0.042 ppbv
RT: 13.68 min Scan# 3389
Delta R.T. 0.01 min
Lab File: VL037469.D
Acq: 16 Aug 2021 20:01

Tgt Ion: 91 Resp: 15424
Ion Ratio Lower Upper
91 100
106 0.0 23.7 71.1#





#64

n-propylbenzene

Concen: 26.313 ppbv

RT: 15.82 min Scan# 4055

Delta R.T. 0.29 min

Lab File: VL037469.D

Acq: 16 Aug 2021 20:01

Instrument :

MSVOA_L

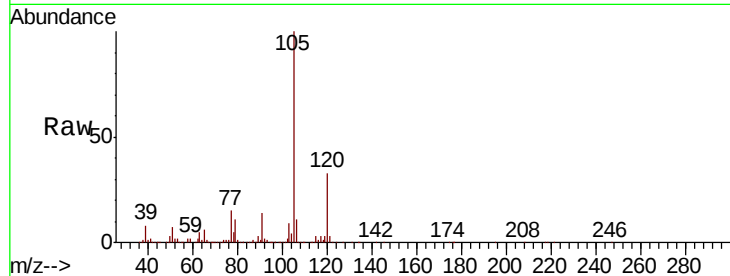
ClientSampled :

Tot Ion:120 Resp: 3490885

Ion Ratio Lower Upper

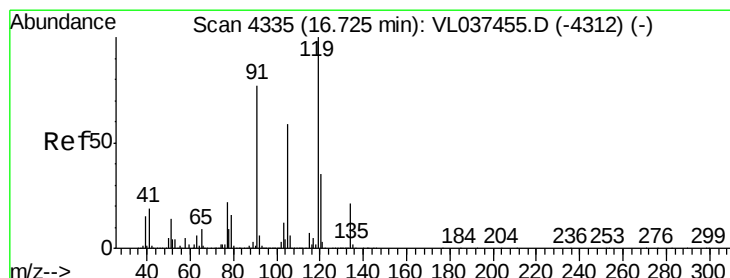
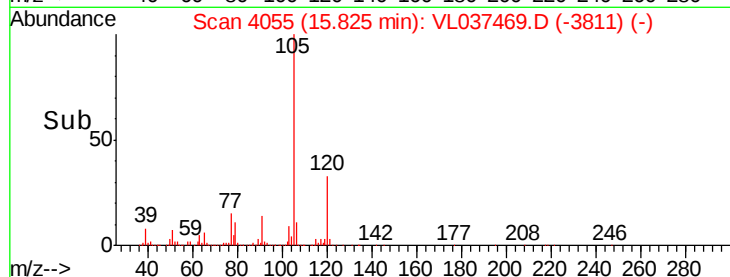
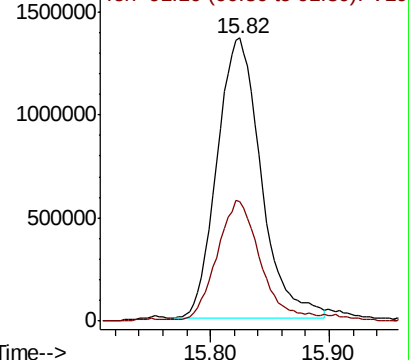
120 100

91 43.4 373.8 560.6#



Abundance Ion 120.20 (119.90 to 120.90): V

Ion 91.10 (90.80 to 91.80): VL0



#65

tert-Butylbenzene

Concen: 1.854 ppbv

RT: 16.74 min Scan# 4341

Delta R.T. 0.02 min

Lab File: VL037469.D

Acq: 16 Aug 2021 20:01

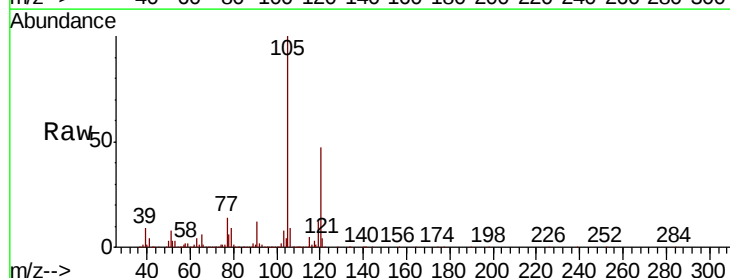
Tgt Ion:119 Resp: 880192

Ion Ratio Lower Upper

119 100

91 101.7 62.9 94.3#

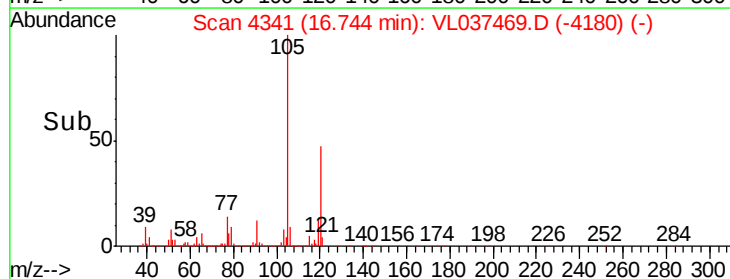
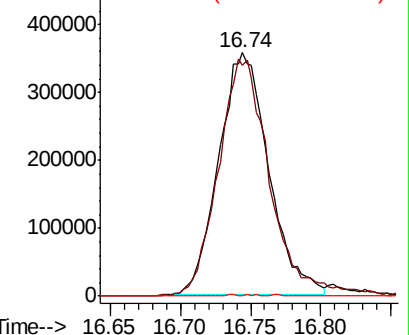
134 0.3 16.4 24.6#

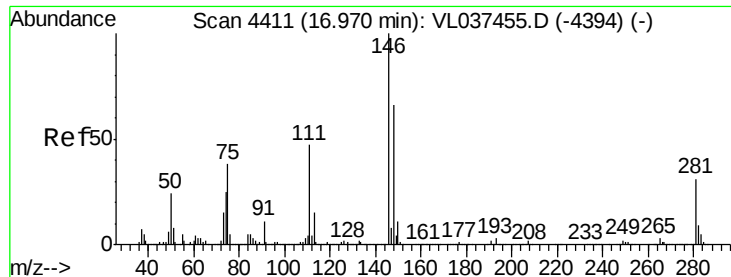


Abundance Ion 119.20 (118.90 to 119.90): V

Ion 91.10 (90.80 to 91.80): VL0

Ion 134.20 (133.90 to 134.90): V

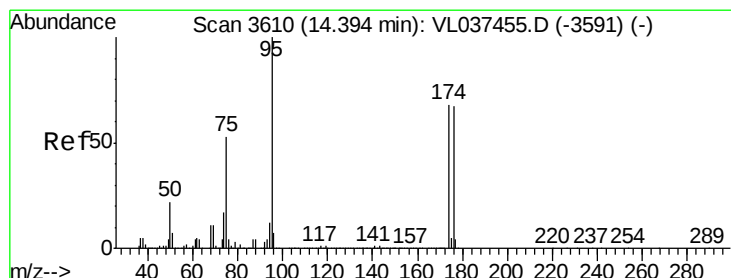
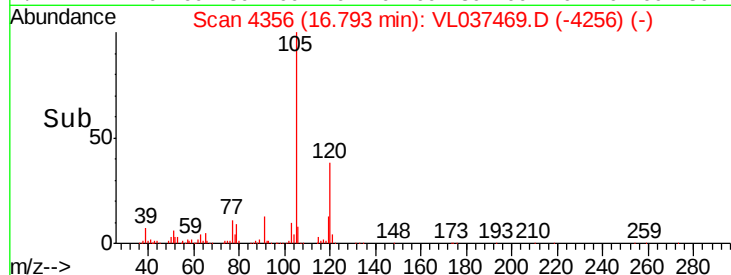
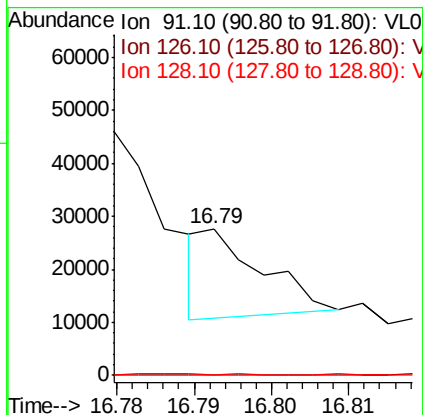
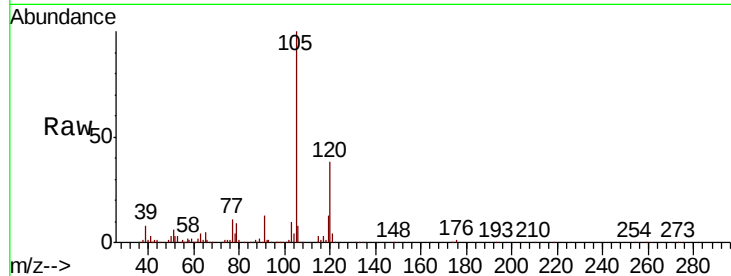




#66
Benzyl Chloride
Concen: 0.411 ppbv
RT: 16.79 min Scan# 4356
Delta R.T. -0.18 min
Lab File: VL037469.D
Acq: 16 Aug 2021 20:01

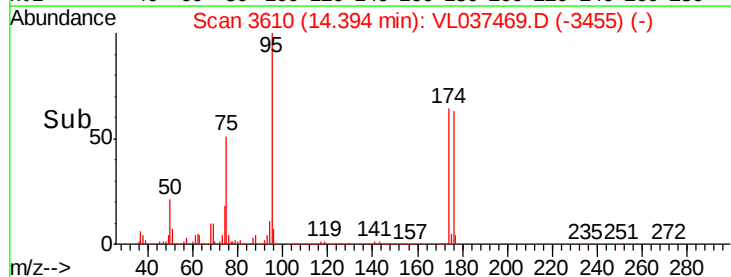
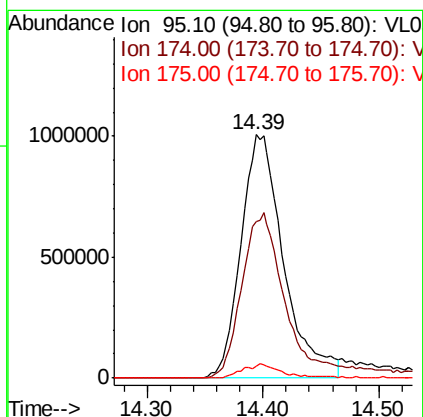
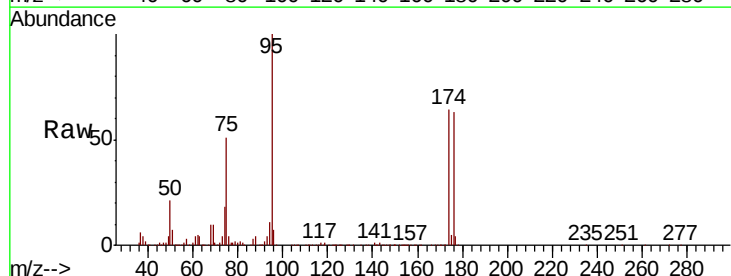
Instrument :
MSVOA_L
ClientSampled :

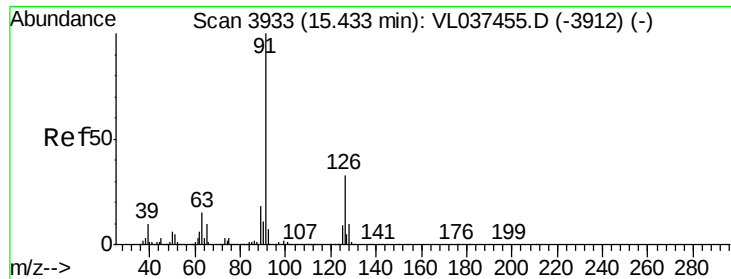
Tot Ion: 91 Resp: 8826
Ion Ratio Lower Upper
91 100
126 0.0 15.9 23.9#
128 2.9 5.4 8.0#



#68
1-Bromo-4-Fluorobenzene
Concen: 11.021 ppbv
RT: 14.39 min Scan# 3610
Delta R.T. -0.00 min
Lab File: VL037469.D
Acq: 16 Aug 2021 20:01

Tgt Ion: 95 Resp: 2575757
Ion Ratio Lower Upper
95 100
174 75.1 59.6 89.4
175 5.8 4.6 7.0

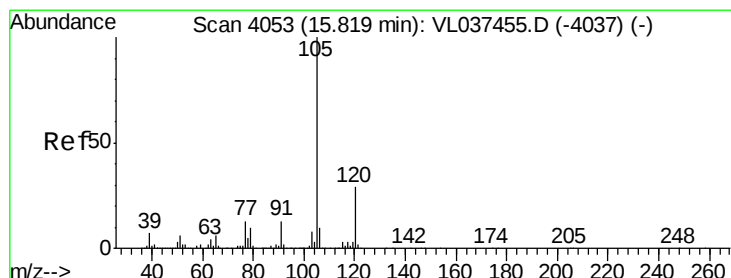
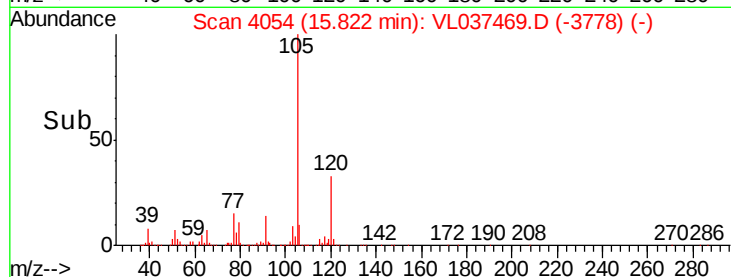
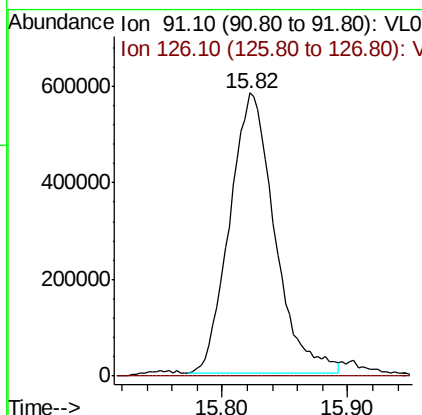
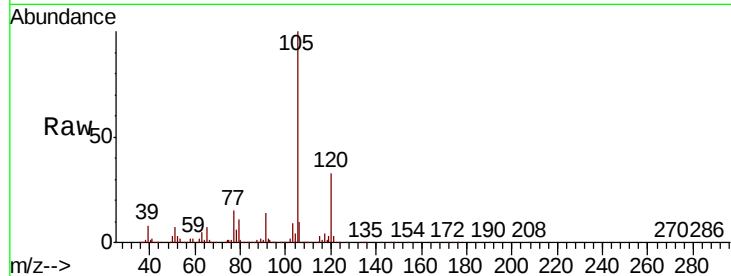




#71
 2-Chlorotoluene
 Concen: 3.776 ppbv
 RT: 15.82 min Scan# 4054
 Delta R.T. 0.39 min
 Lab File: VL037469.D
 Acq: 16 Aug 2021 20:01

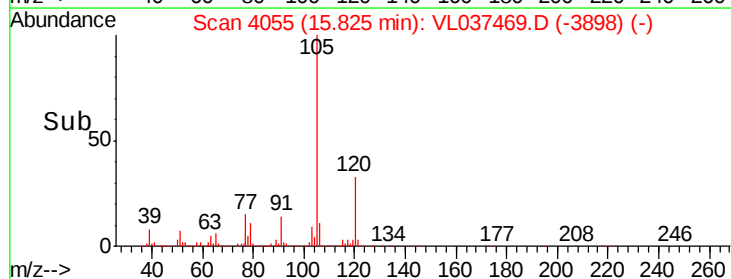
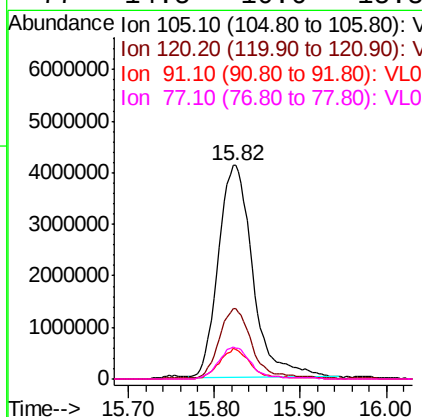
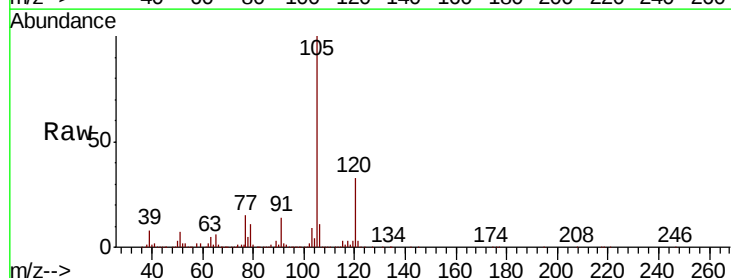
Instrument :
 MSVOA_L
 ClientSampleId :

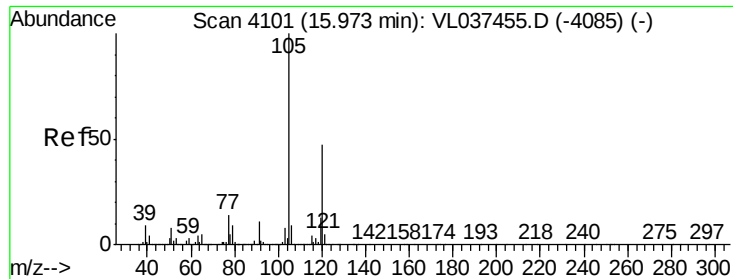
Tot Ion: 91 Resp: 1443447
 Ion Ratio Lower Upper
 91 100
 126 0.0 13.6 54.4#



#72
 4-Ethyltoluene
 Concen: 26.235 ppbv
 RT: 15.82 min Scan# 4055
 Delta R.T. 0.01 min
 Lab File: VL037469.D
 Acq: 16 Aug 2021 20:01

Tgt Ion: 105 Resp: 11526168
 Ion Ratio Lower Upper
 105 100
 120 32.4 24.7 37.1
 91 13.1 9.8 14.8
 77 14.5 10.6 15.8

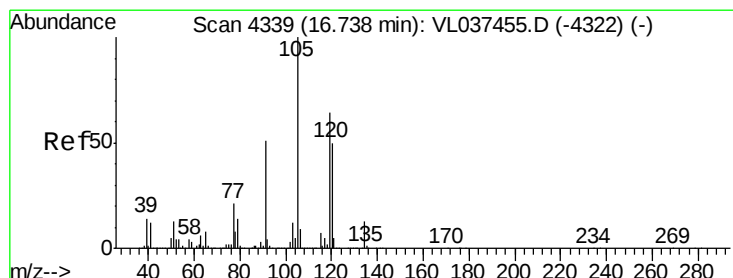
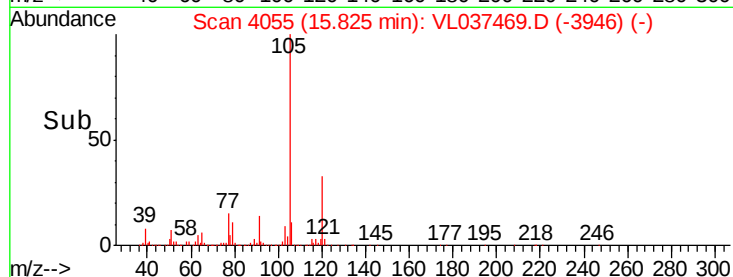
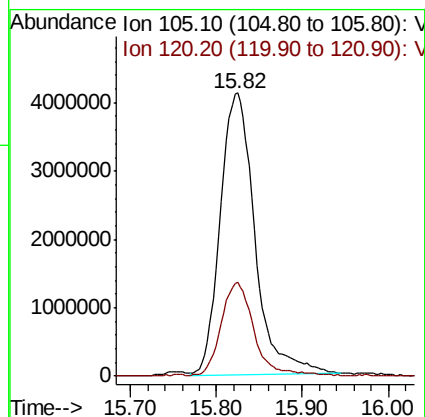
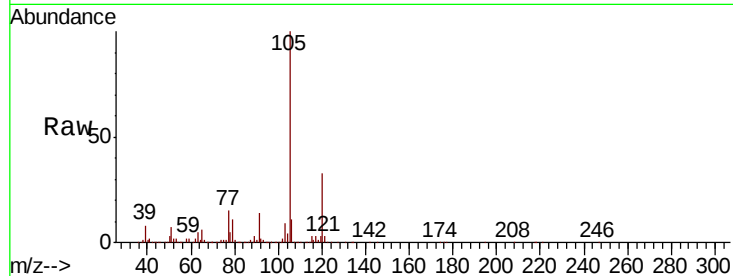




#73
 1,3,5-Trimethylbenzene
 Concen: 28.184 ppbv
 RT: 15.82 min Scan# 4055
 Delta R.T. -0.15 min
 Lab File: VL037469.D
 Acq: 16 Aug 2021 20:01

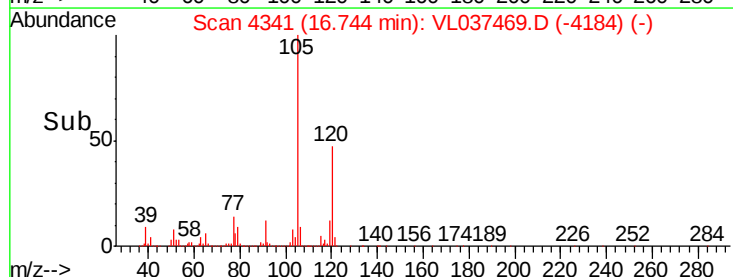
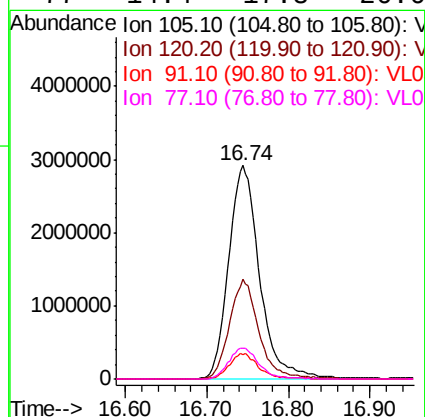
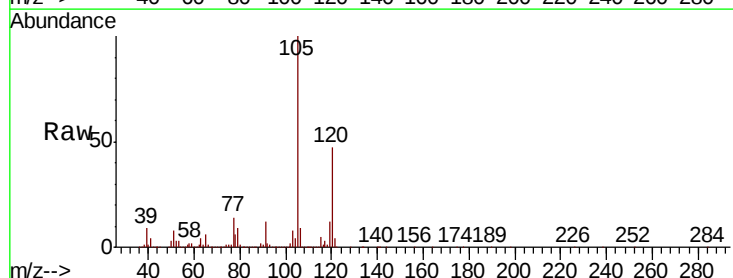
Instrument :
 MSVOA_L
 ClientSampleId :

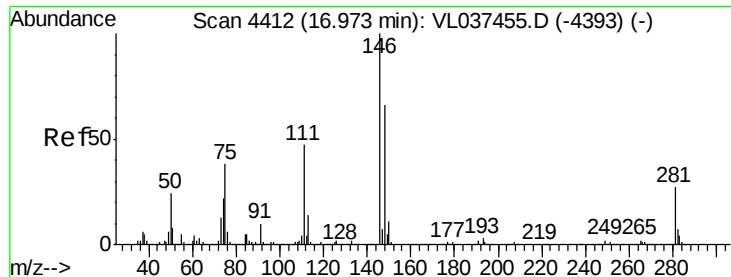
Tot Ion:105 Resp:11526168
 Ion Ratio Lower Upper
 105 100
 120 33.2 37.6 56.4#



#74
 1,2,4-Trimethylbenzene
 Concen: 17.834 ppbv
 RT: 16.74 min Scan# 4341
 Delta R.T. 0.01 min
 Lab File: VL037469.D
 Acq: 16 Aug 2021 20:01

Tgt Ion:105 Resp: 7750296
 Ion Ratio Lower Upper
 105 100
 120 46.5 40.4 60.6
 91 11.7 44.6 67.0#
 77 14.4 17.8 26.6#





#75

1,3-Dichlorobenzene

Concen: 0.111 ppbv

RT: 16.98 min Scan# 4413

Delta R.T. 0.00 min

Lab File: VL037469.D

Acq: 16 Aug 2021 20:01

Instrument :

MSVOA_L

ClientSampleId :

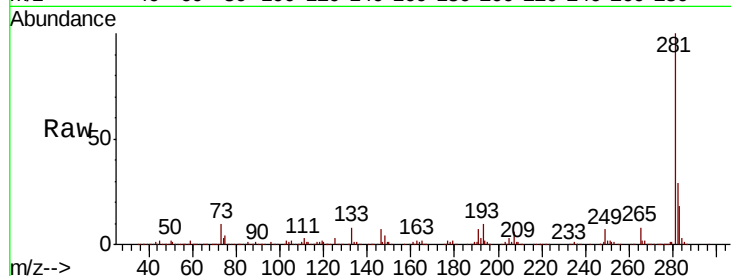
Tot Ion:146 Resp: 29000

Ion Ratio Lower Upper

146 100

111 143.0 23.4 70.0#

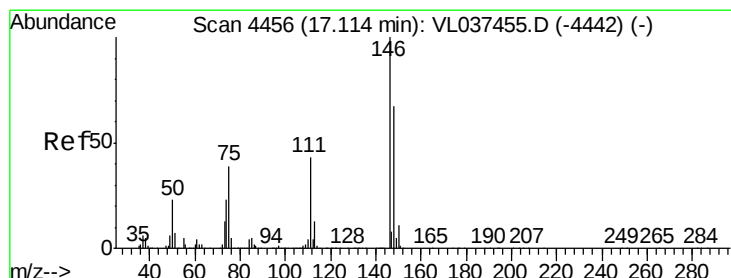
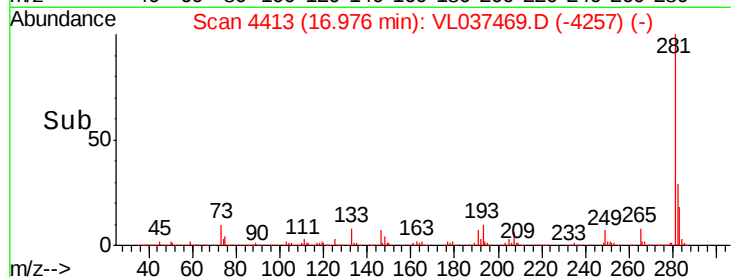
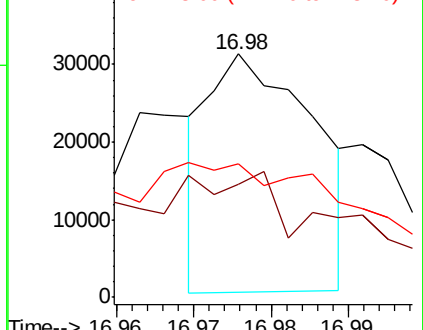
148 0.0 33.1 99.5#



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



#76

1,4-Dichlorobenzene

Concen: 0.043 ppbv

RT: 17.12 min Scan# 4458

Delta R.T. 0.01 min

Lab File: VL037469.D

Acq: 16 Aug 2021 20:01

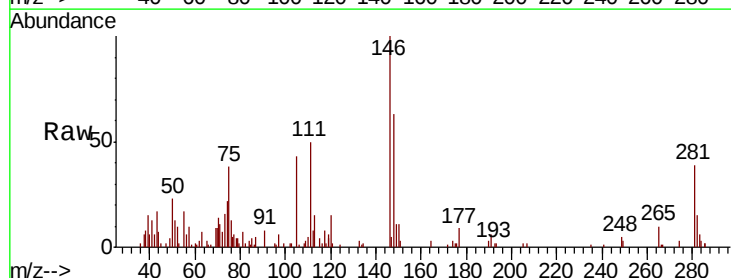
Tgt Ion:146 Resp: 11365

Ion Ratio Lower Upper

146 100

111 176.4 22.1 66.5#

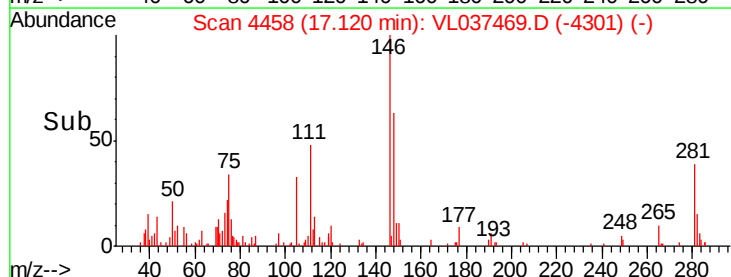
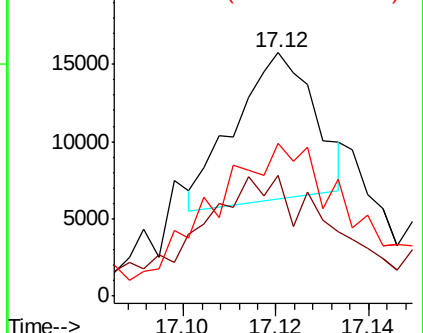
148 225.5 32.4 97.0#

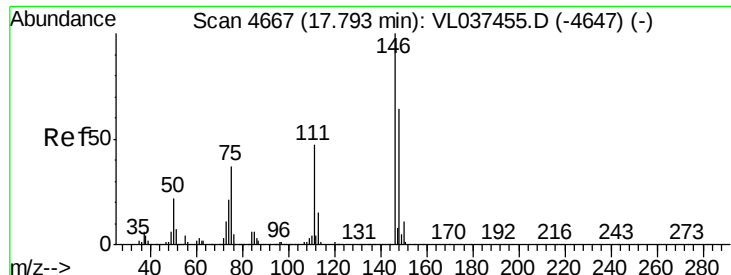


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.10 (110.80 to 111.80): V

Ion 148.00 (147.70 to 148.70): V





#77

1,2-Dichlorobenzene

Concen: 14.981 ppbv

RT: 17.80 min Scan# 4669

Delta R.T. 0.01 min

Lab File: VL037469.D

Acq: 16 Aug 2021 20:01

Instrument :

MSVOA_L

ClientSampleId :

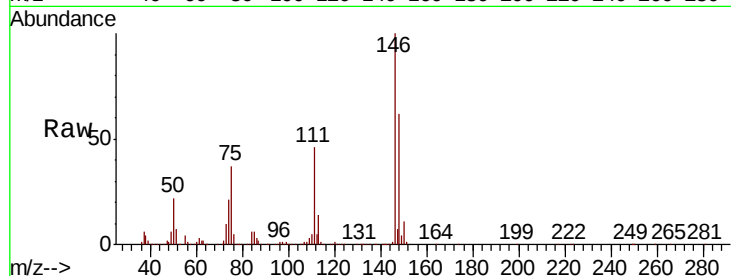
Tot Ion:146 Resp: 3858953

Ion Ratio Lower Upper

146 100

111 48.0 23.4 70.3

148 65.2 32.5 97.5



Abundance Ion 146.00 (145.70 to 146.70): V

2000000 Ion 111.10 (110.80 to 111.80): V

Ion 148.00 (147.70 to 148.70): V

