

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL052421\
 Data File : VL037047.D
 Acq On : 24 May 2021 14:19
 Operator : SY/AP
 Sample : M2262-13 0.45
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: May 25 01:48:29 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL051821AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue May 18 12:00:15 2021
 QLast Update : Tue May 18 12:00:15 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.64	49	1244353	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.15	114	3746373	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.06	117	3342430	10.00	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.39	95	2380697	9.48	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	94.80%

Target Compounds					Ovalue
2) Dichlorodifluoromethane	3.03	85	145281	0.688	ppbv 92
3) Chlorodifluoromethane	2.97	51	133228	0.584	ppbv 99
4) Chloromethane	3.12	50	20904	0.269	ppbv # 87
5) Vinyl Chloride	3.24	62	41165	0.485	ppbv 90
6) Bromomethane	3.45	94	10637	0.238	ppbv 85
7) Chloroethane	3.54	64	10134	0.368	ppbv # 79
8) Dichlorotetrafluoroethane	3.17	85	112165	0.566	ppbv 92
9) Propene	2.99	41	41103	0.504	ppbv 89
10) Heptane	8.10	43	95713	0.470	ppbv 97
11) Trichlorofluoromethane	3.93	101	119091	0.609	ppbv # 82
12) 1,1,2-Trichlorotrifluoroet	4.47	101	82393	0.592	ppbv 98
13) Ethanol	3.61	45	4348	0.399	ppbv # 23
14) Bromoethene	3.72	108	31011	0.506	ppbv # 93
15) Acetone	3.86	43	62163	0.488	ppbv # 45
16) 1,3-Butadiene	3.31	39	39025	0.493	ppbv 92
18) 1,1-Dichloroethene	4.27	96	32012	0.497	ppbv 83
19) Isopropyl Alcohol	3.98	45	26521	0.387	ppbv # 30
20) Methylene Chloride	4.32	84	51506	0.754	ppbv 91
21) Allvl Chloride	4.39	41	41967	0.436	ppbv # 83
22) trans-1,2-Dichloroethene	4.87	96	25472	0.413	ppbv 89
23) Vinyl Acetate	5.07	43	75997	0.376	ppbv # 95
24) 1,1-Dichloroethane	4.99	63	74106	0.509	ppbv # 96
25) Ethyl Acetate	5.66	43	128057	0.418	ppbv # 91
26) Hexane	5.66	57	88000	0.562	ppbv 91
27) Carbon Disulfide	4.53	76	58000	0.368	ppbv # 81
28) Methyl tert-Butyl Ether	5.03	73	90485	0.482	ppbv 93
29) Chloroform	5.73	83	116459	0.527	ppbv 97
30) Cyclohexane	7.10	84	59103	0.445	ppbv 85
31) cis-1,2-Dichloroethene	5.53	61	66307	0.473	ppbv 91
32) 1,1,1-Trichloroethane	6.48	97	108787	0.458	ppbv 97
34) 2-Butanone	5.24	43	55442	0.406	ppbv # 73
35) Carbon Tetrachloride	6.99	117	110742	0.445	ppbv # 95
36) Benzene	6.86	78	150008	0.465	ppbv 96
37) 1,2-Dichloroethane	6.28	62	80151	0.501	ppbv # 95
38) Trichloroethene	7.81	130	64393	0.466	ppbv 93
39) 1,2-Dichloropropane	7.59	63	57478	0.462	ppbv 99
41) Tetrahydrofuran	6.06	42	13348	0.172	ppbv # 36
42) Bromodichloromethane	7.76	83	98613	0.407	ppbv 93
43) Methyl Methacrylate	8.00	69	20060	0.180	ppbv # 1
44) 2,2,4-Trimethylpentane	7.84	57	264309	0.477	ppbv 98
45) t-1,3-Dichloropropene	9.26	75	8100	0.095	ppbv 92

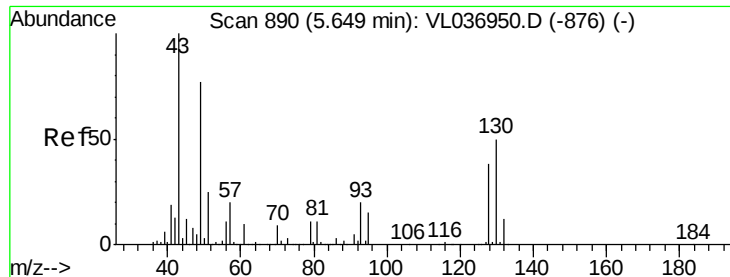
Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL052421\
 Data File : VL037047.D
 Acq On : 24 May 2021 14:19
 Operator : SY/AP
 Sample : M2262-13 0.45
 Misc : 400mL/MSVOA L
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Instrument :
 MSVOA_L
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Quant Time: May 25 01:48:29 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL051821AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue May 18 12:00:15 2021
 QLast Update : Tue May 18 12:00:15 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.67	75	16405	0.144	ppbv	91
47) 1,1,2-Trichloroethane	9.45	97	59322	0.456	ppbv	95
48) Dibromochloromethane	10.28	129	76039	0.361	ppbv	96
49) Bromoform	13.01	173	28386	0.163	ppbv #	29
50) 4-Methyl-2-Pentanone	8.75	43	67957	0.302	ppbv #	70
52) Tetrachloroethene	11.19	164	69854	0.544	ppbv #	78
53) Toluene	9.78	91	89729	0.234	ppbv #	19
54) 1,2-Dibromoethane	10.58	107	85637	0.463	ppbv	84
56) 1,1,1,2-Tetrachloroethane	12.10	131	65447	0.465	ppbv #	1
57) Chlorobenzene	12.12	112	143470	0.554	ppbv #	89
58) Ethyl Benzene	12.68	91	239749	0.508	ppbv	94
59) m/p-Xylene	12.96	91	50765	0.130	ppbv #	30
60) o-Xylene	13.66	91	194103	0.522	ppbv	98
61) Styrene	13.50	104	85590	0.409	ppbv	90
62) Isopropylbenzene	14.64	105	284283	0.532	ppbv	98
63) 1,1,2,2-Tetrachloroethane	13.65	83	127144	0.458	ppbv	90
64) n-propylbenzene	15.54	120	62990	0.457	ppbv #	62
65) tert-Butylbenzene	16.72	119	249939	0.518	ppbv	94
66) Benzyl Chloride	16.82	91	1052	0.039	ppbv #	57
67) sec-Butylbenzene	17.27	105	327280	0.497	ppbv	99
69) p-Isopropyltoluene	17.63	119	255826	0.452	ppbv	97
70) n-Butylbenzene	18.53	91	231868	0.431	ppbv	99
71) 2-Chlorotoluene	15.43	91	195394	0.506	ppbv	100
72) 4-Ethyltoluene	15.81	105	200342	0.454	ppbv #	96
73) 1,3,5-Trimethylbenzene	15.97	105	83562	0.202	ppbv	97
74) 1,2,4-Trimethylbenzene	16.74	105	202893	0.473	ppbv	95
75) 1,3-Dichlorobenzene	16.97	146	58179	0.222	ppbv #	9
76) 1,4-Dichlorobenzene	17.11	146	63270	0.239	ppbv #	21
77) 1,2-Dichlorobenzene	17.79	146	108307	0.413	ppbv	80
78) Hexachloro-1,3-Butadiene	23.34	225	35170	0.167	ppbv #	18
80) Naphthalene,2-methyl-	24.99	142	6180	0.085	ppbv #	63
81) 1,2,4-Trichlorobenzene	21.90	180	32991	0.161	ppbv #	6

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



#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.64 min Scan# 888

Delta R.T. -0.01 min

Lab File: VL037047.D

Acq: 24 May 2021 14:19

Instrument :
MSVOA_L
ClientSampleId :

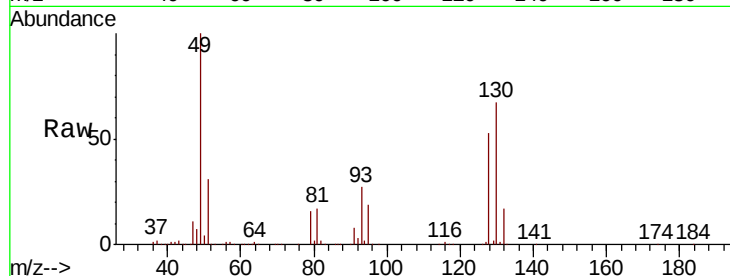
Tot Ion: 49 Resp: 1244353

Ion Ratio Lower Upper

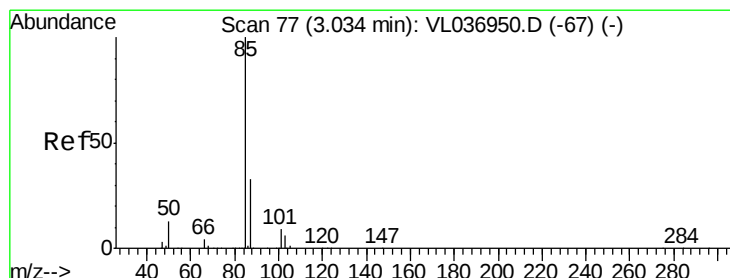
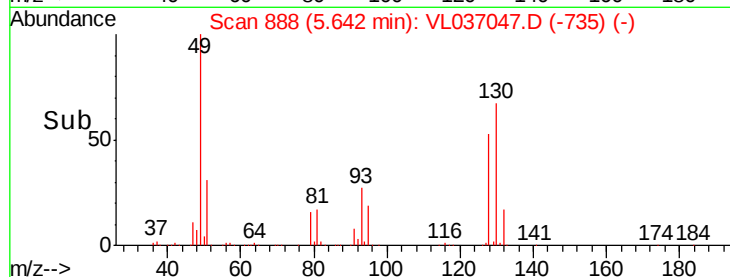
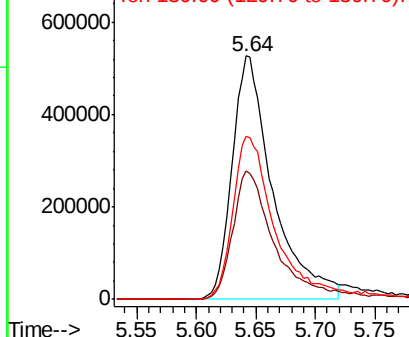
49 100

128 57.5 26.9 80.7

130 74.0 33.8 101.4



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: 0.688 ppbv

RT: 3.03 min Scan# 76

Delta R.T. -0.00 min

Lab File: VL037047.D

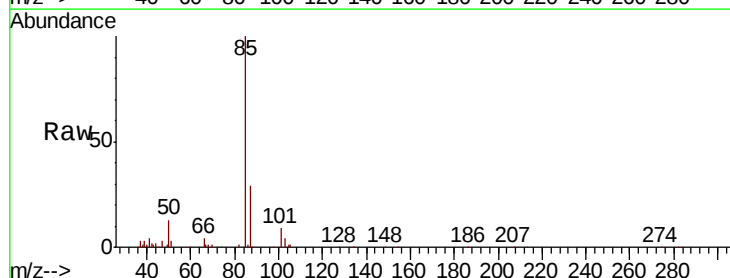
Acq: 24 May 2021 14:19

Tgt Ion: 85 Resp: 145281

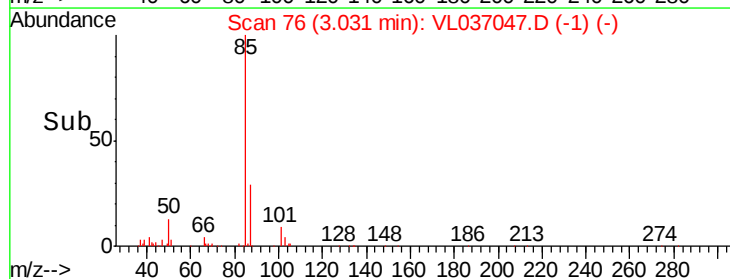
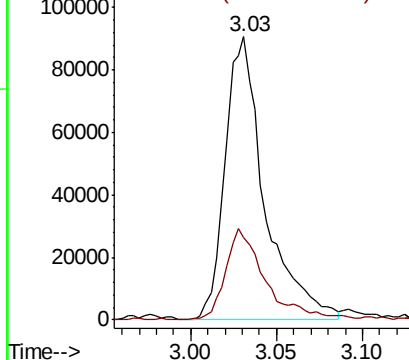
Ion Ratio Lower Upper

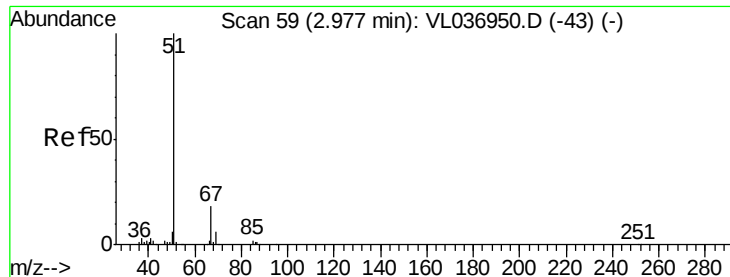
85 100

87 28.7 26.6 39.8



Abundance Ion 85.00 (84.70 to 85.70): VL0
Ion 87.00 (86.70 to 87.70): VL0





#3

Chlorodifluoromethane

Concen: 0.584 ppbv

RT: 2.97 min Scan# 57

Delta R.T. -0.01 min

Lab File: VL037047.D

Acq: 24 May 2021 14:19

Instrument :

MSVOA_L

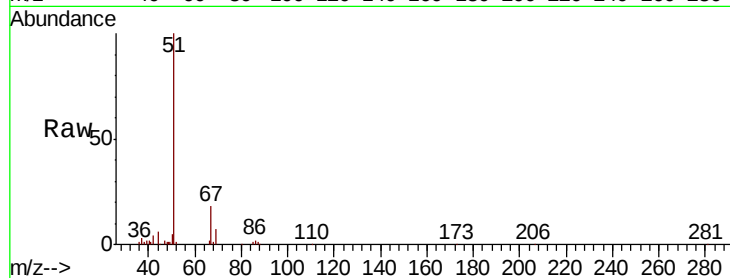
ClientSampleId :

Tot Ion: 51 Resp: 133228

Ion Ratio Lower Upper

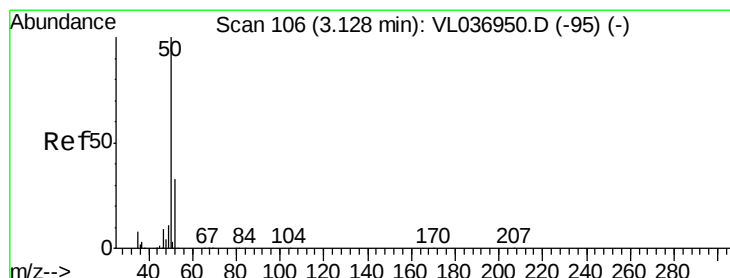
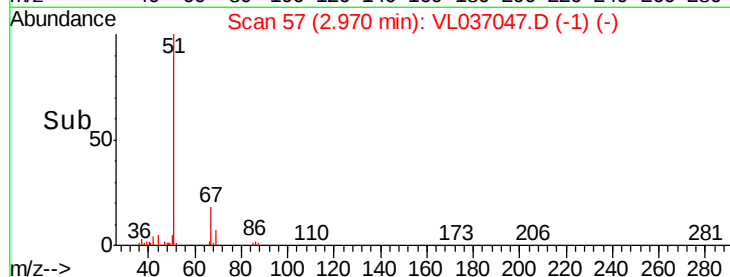
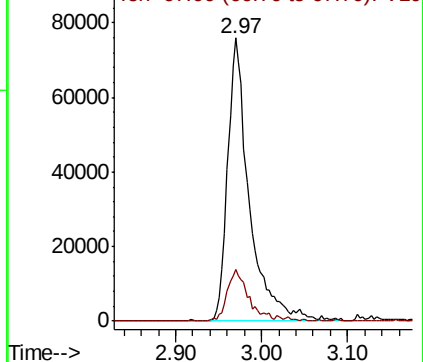
51 100

67 18.8 14.6 21.8



Abundance Ion 51.00 (50.70 to 51.70): VL0

Ion 67.00 (66.70 to 67.70): VL0



#4

Chloromethane

Concen: 0.269 ppbv

RT: 3.12 min Scan# 104

Delta R.T. -0.01 min

Lab File: VL037047.D

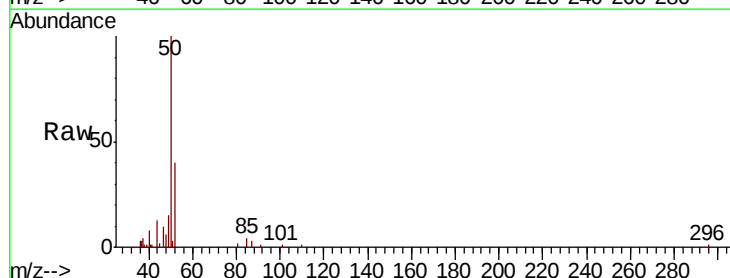
Acq: 24 May 2021 14:19

Tgt Ion: 50 Resp: 20904

Ion Ratio Lower Upper

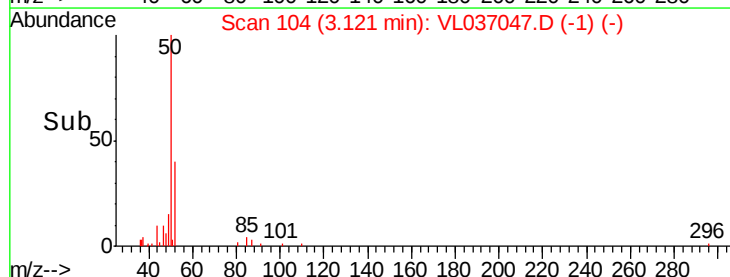
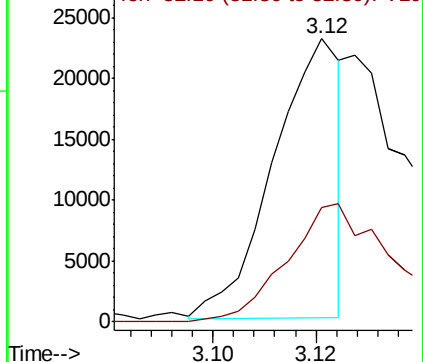
50 100

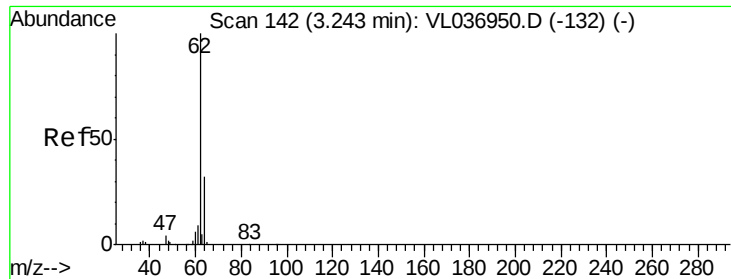
52 39.7 26.1 39.1#



Abundance Ion 50.10 (49.80 to 50.80): VL0

Ion 52.10 (51.80 to 52.80): VL0





#5

Vinyl Chloride

Concen: 0.485 ppbv

RT: 3.24 min Scan# 141

Delta R.T. -0.00 min

Lab File: VL037047.D

Acq: 24 May 2021 14:19

Instrument :

MSVOA_L

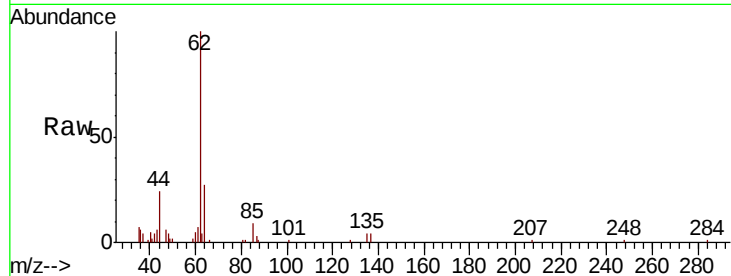
ClientSampled :

Tot Ion: 62 Resp: 41165

Ion Ratio Lower Upper

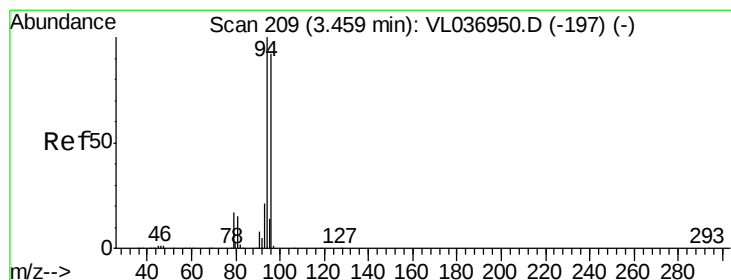
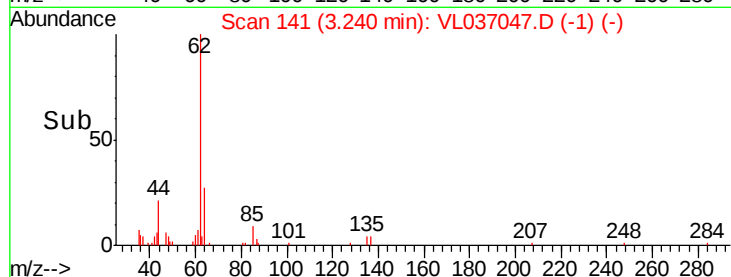
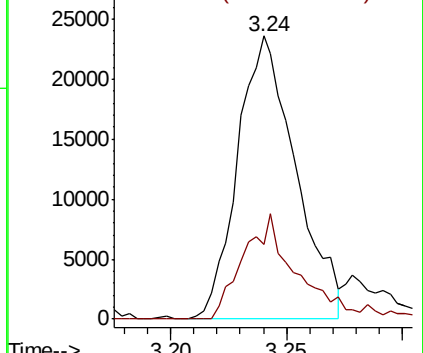
62 100

64 26.6 25.9 38.9



Abundance Ion 62.10 (61.80 to 62.80): VL0

Ion 64.10 (63.80 to 64.80): VL0



#6

Bromomethane

Concen: 0.238 ppbv

RT: 3.45 min Scan# 206

Delta R.T. -0.01 min

Lab File: VL037047.D

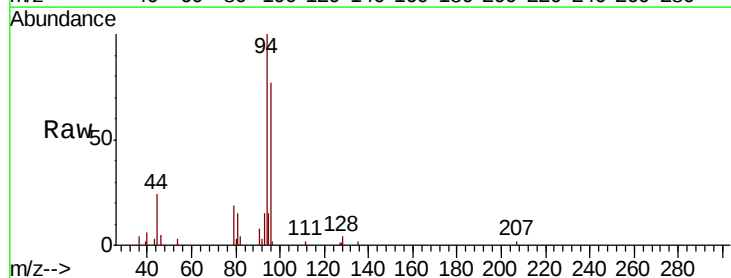
Acq: 24 May 2021 14:19

Tgt Ion: 94 Resp: 10637

Ion Ratio Lower Upper

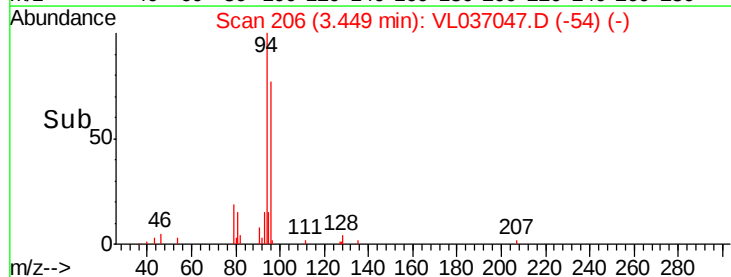
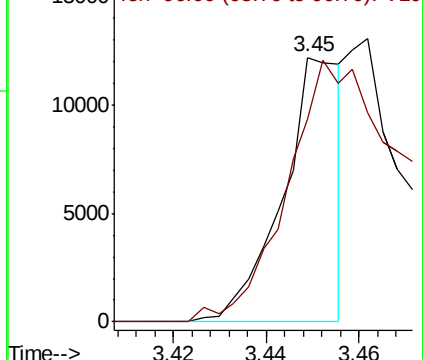
94 100

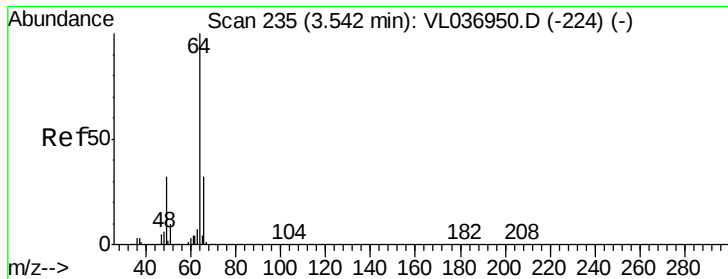
96 78.4 74.0 111.0



Abundance Ion 94.00 (93.70 to 94.70): VL0

Ion 96.00 (95.70 to 96.70): VL0





#7

Chloroethane

Concen: 0.368 ppbv

RT: 3.54 min Scan# 235

Delta R.T. -0.00 min

Lab File: VL037047.D

Acq: 24 May 2021 14:19

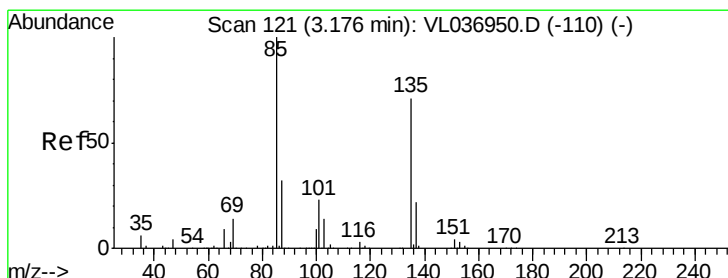
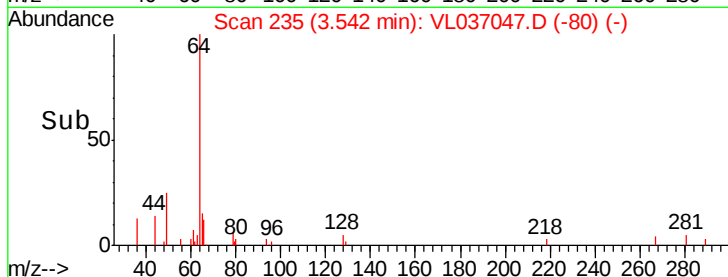
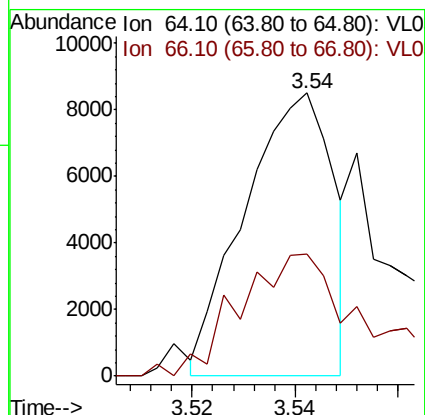
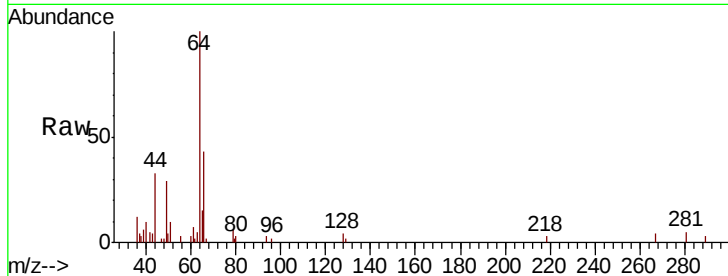
Instrument :
MSVOA_L
ClientSampleId :

Tot Ion: 64 Resp: 10134

Ion Ratio Lower Upper

64 100

66 43.3 25.4 38.2#



#8

Dichlorotetrafluoroethane

Concen: 0.566 ppbv

RT: 3.17 min Scan# 119

Delta R.T. -0.01 min

Lab File: VL037047.D

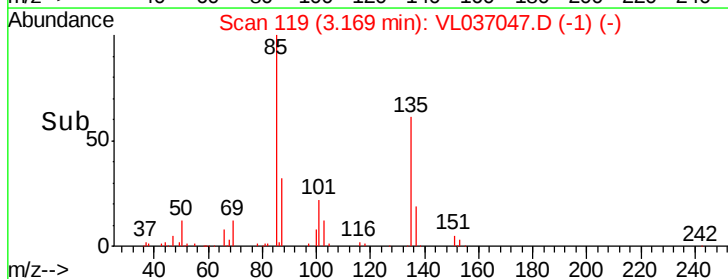
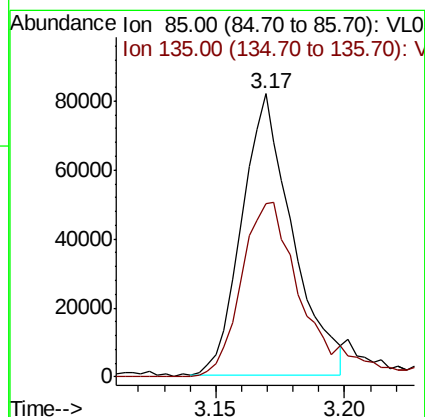
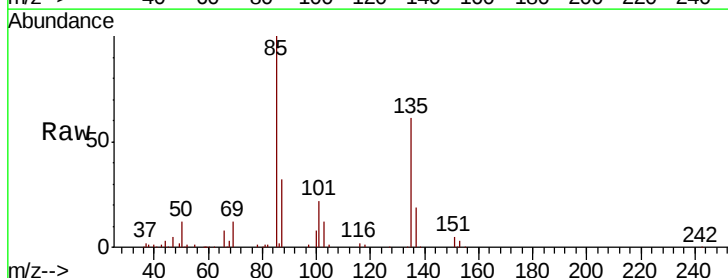
Acq: 24 May 2021 14:19

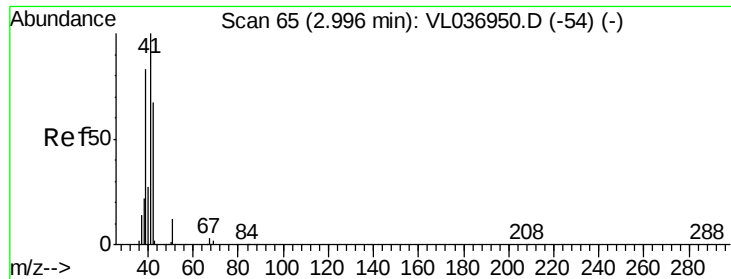
Tgt Ion: 85 Resp: 112165

Ion Ratio Lower Upper

85 100

135 78.6 57.7 86.5





#9

Propene

Concen: 0.504 ppbv

RT: 2.99 min Scan# 63

Delta R.T. -0.01 min

Lab File: VL037047.D

Acq: 24 May 2021 14:19

Instrument :

MSVOA_L

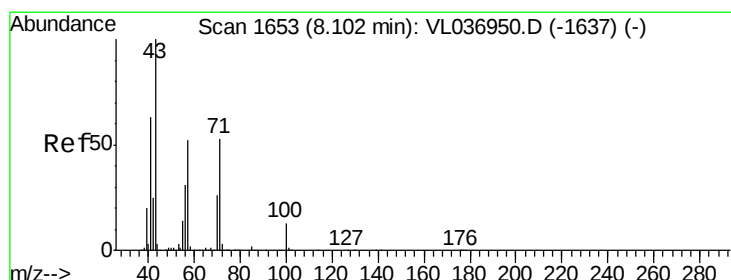
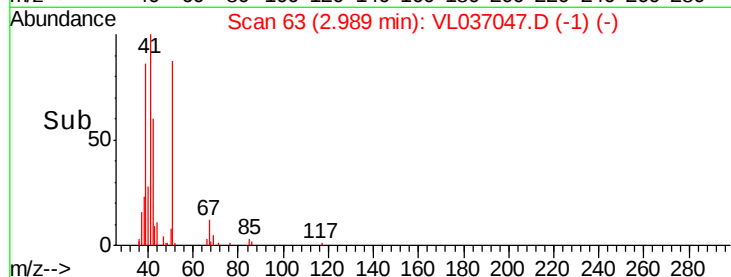
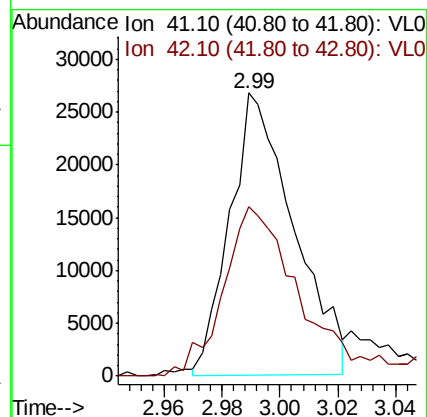
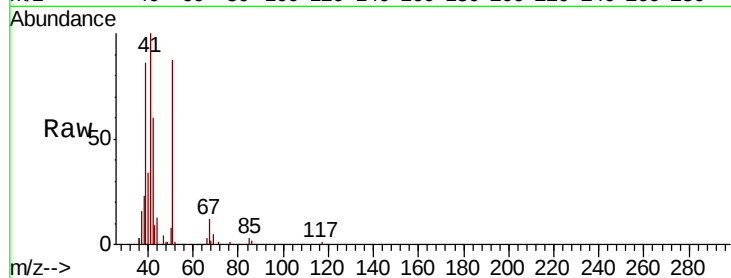
ClientSampleId :

Tot Ion: 41 Resp: 41103

Ion Ratio Lower Upper

41 100

42 76.5 53.9 80.9



#10

Heptane

Concen: 0.470 ppbv

RT: 8.10 min Scan# 1651

Delta R.T. -0.01 min

Lab File: VL037047.D

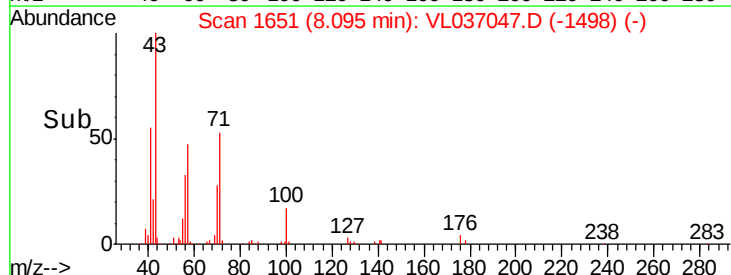
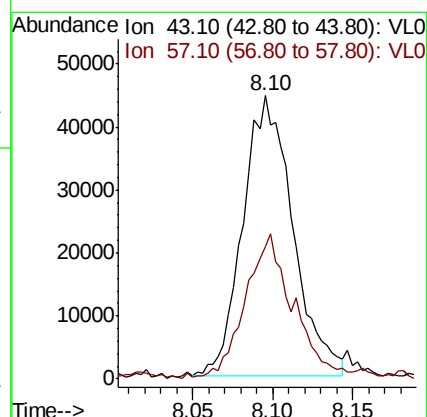
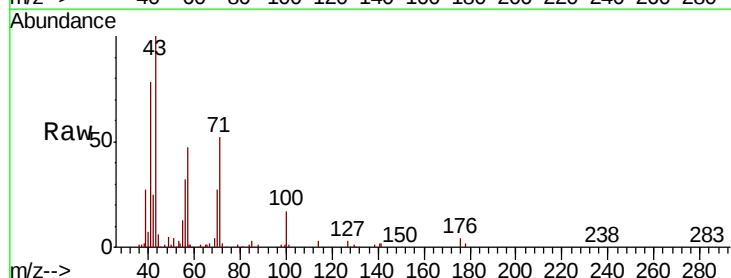
Acq: 24 May 2021 14:19

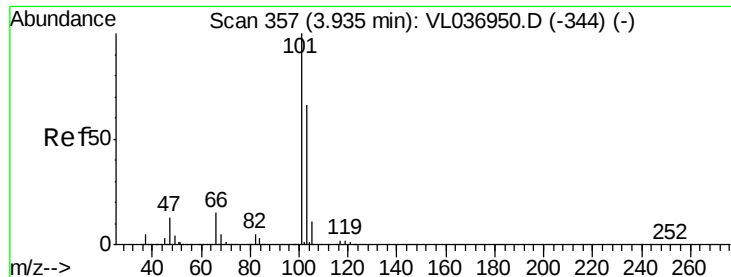
Tgt Ion: 43 Resp: 95713

Ion Ratio Lower Upper

43 100

57 53.1 41.0 61.6

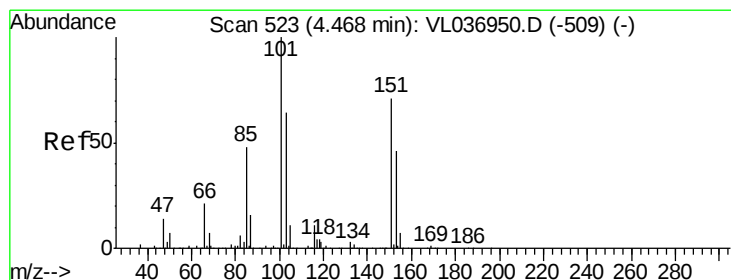
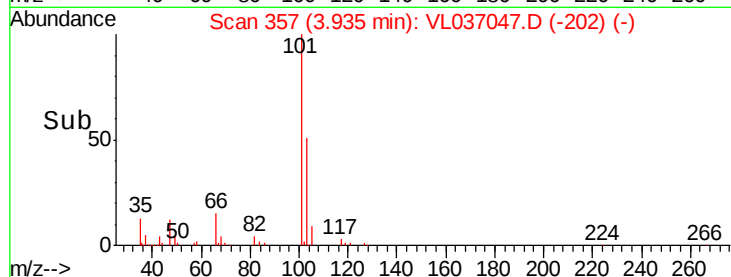
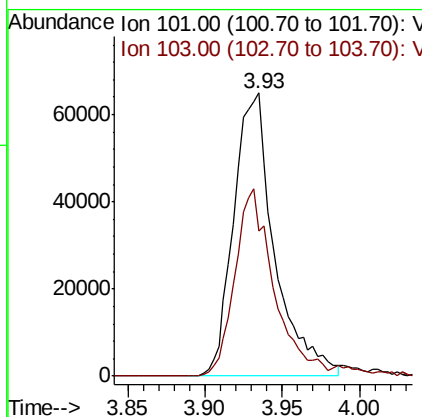
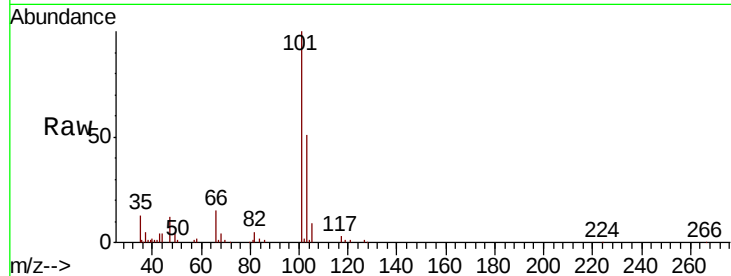




#11
 Trichlorofluoromethane
 Concen: 0.609 ppbv
 RT: 3.93 min Scan# 357
 Delta R.T. -0.00 min
 Lab File: VL037047.D
 Acq: 24 May 2021 14:19

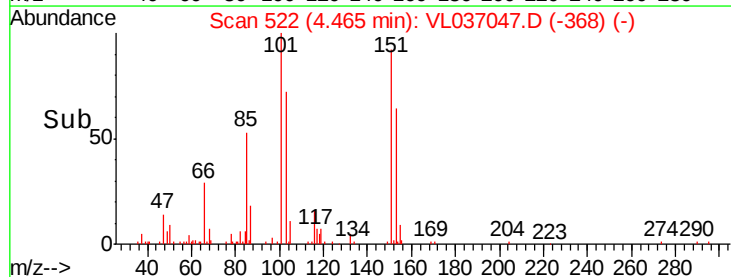
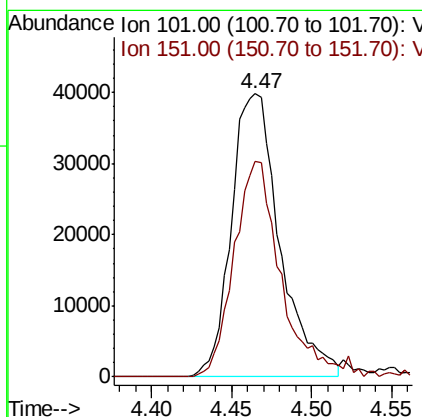
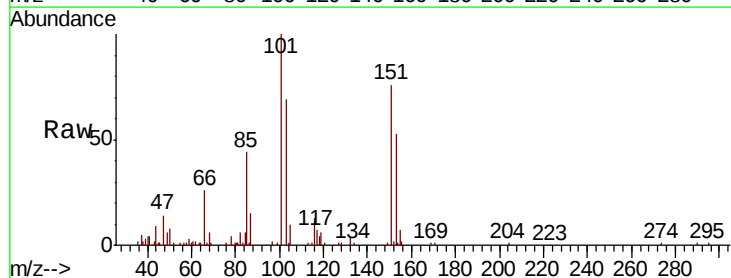
Instrument :
 MSVOA_L
 ClientSampleId :

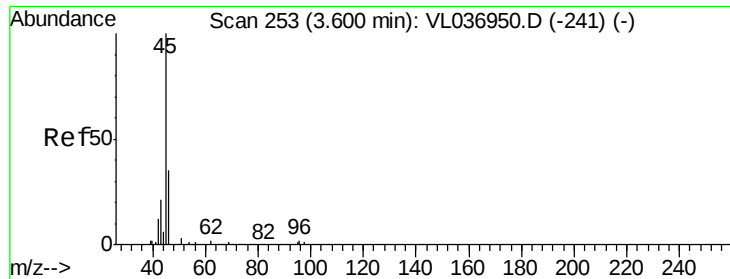
Tot Ion:101 Resp: 119091
 Ion Ratio Lower Upper
 101 100
 103 51.3 52.6 79.0#



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.592 ppbv
 RT: 4.47 min Scan# 522
 Delta R.T. -0.00 min
 Lab File: VL037047.D
 Acq: 24 May 2021 14:19

Tgt Ion:101 Resp: 82393
 Ion Ratio Lower Upper
 101 100
 151 73.8 57.7 86.5





#13

Ethanol

Concen: 0.399 ppbv

RT: 3.61 min Scan# 257

Delta R.T. 0.01 min

Lab File: VL037047.D

Acq: 24 May 2021 14:19

Instrument :

MSVOA_L

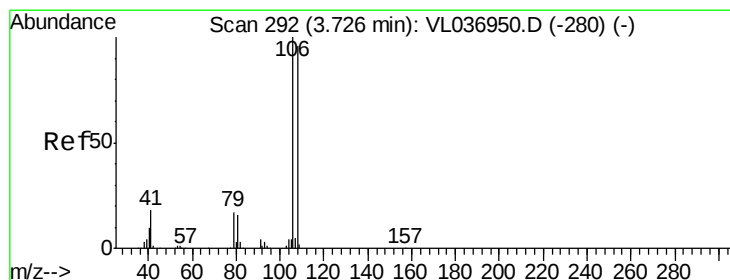
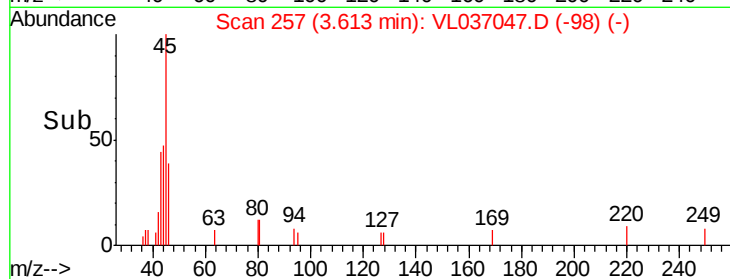
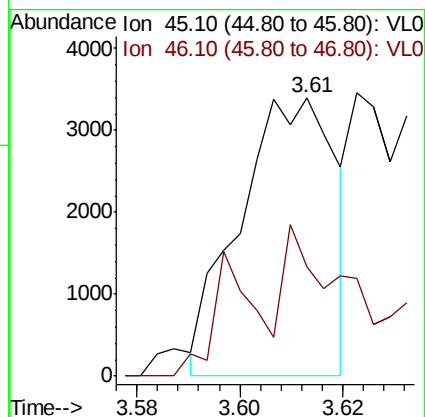
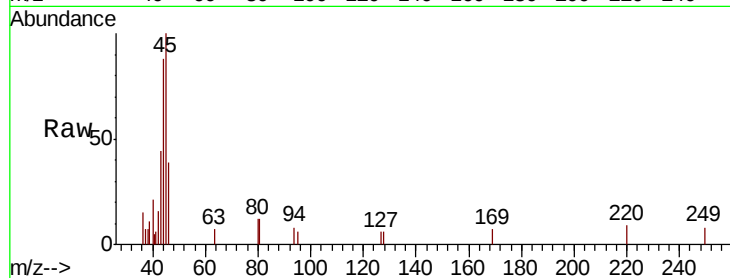
ClientSampleId :

Tot Ion: 45 Resp: 4348

Ion Ratio Lower Upper

45 100

46 88.9 16.3 65.3#



#14

Bromoethene

Concen: 0.506 ppbv

RT: 3.72 min Scan# 291

Delta R.T. -0.00 min

Lab File: VL037047.D

Acq: 24 May 2021 14:19

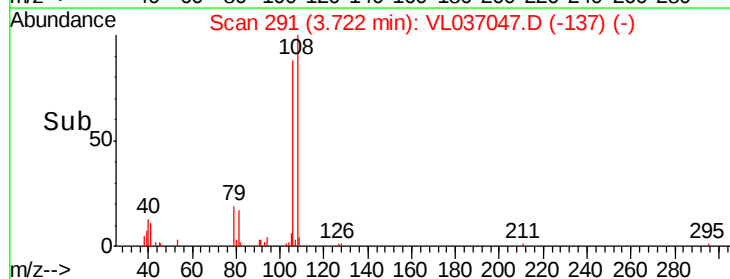
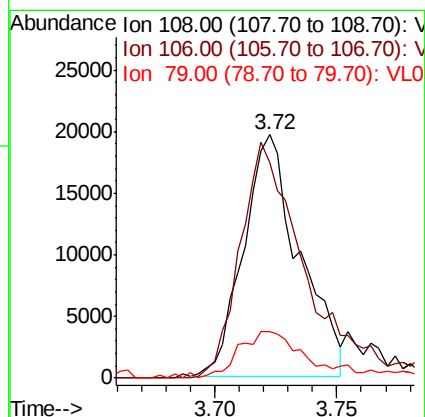
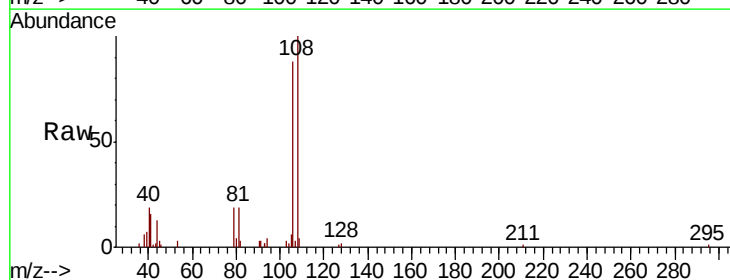
Tgt Ion: 108 Resp: 31011

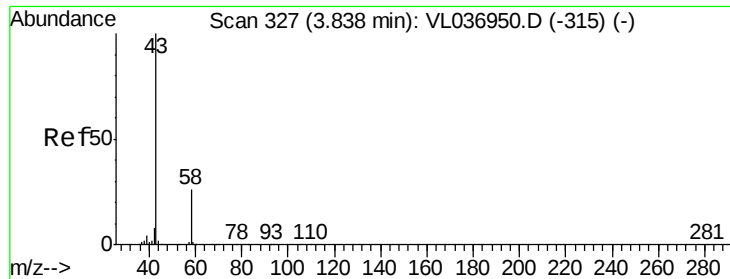
Ion Ratio Lower Upper

108 100

106 113.9 86.5 129.7

79 26.4 15.0 22.4#





#15

Acetone

Concen: 0.488 ppbv

RT: 3.86 min Scan# 333

Delta R.T. 0.02 min

Lab File: VL037047.D

Acq: 24 May 2021 14:19

Instrument :

MSVOA_L

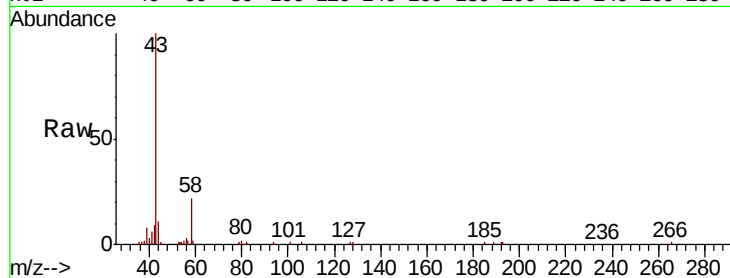
ClientSampleId :

Tot Ion: 43 Resp: 62163

Ion Ratio Lower Upper

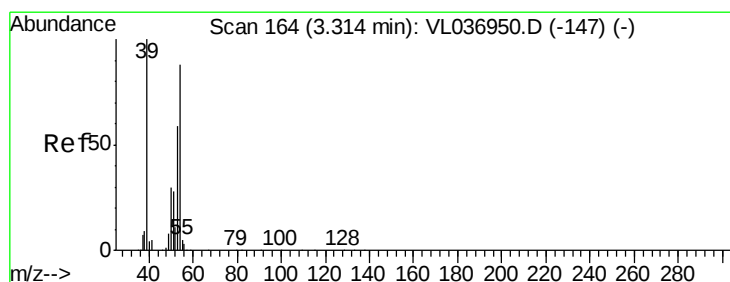
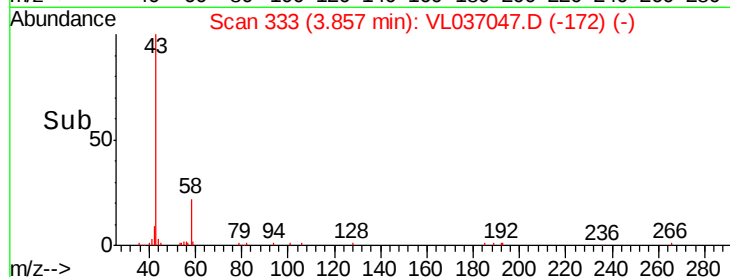
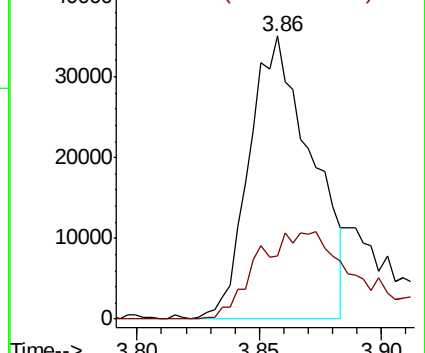
43 100

58 0.0 24.0 36.0#



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0



#16

1,3-Butadiene

Concen: 0.493 ppbv

RT: 3.31 min Scan# 162

Delta R.T. -0.01 min

Lab File: VL037047.D

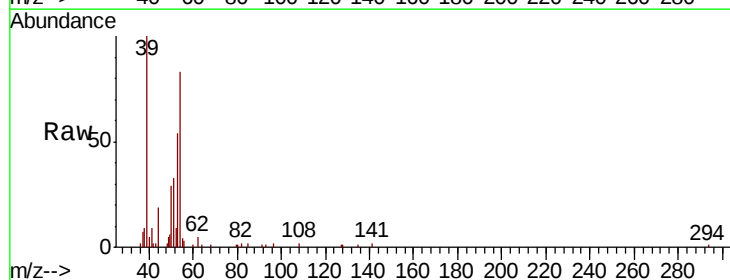
Acq: 24 May 2021 14:19

Tgt Ion: 39 Resp: 39025

Ion Ratio Lower Upper

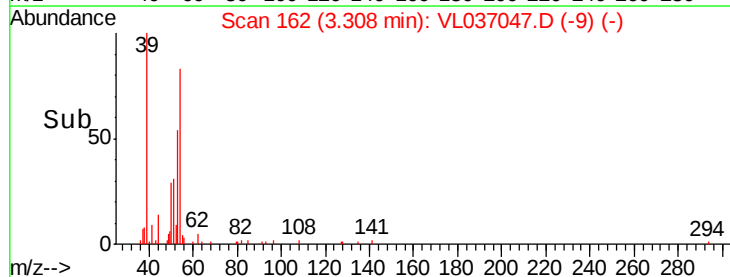
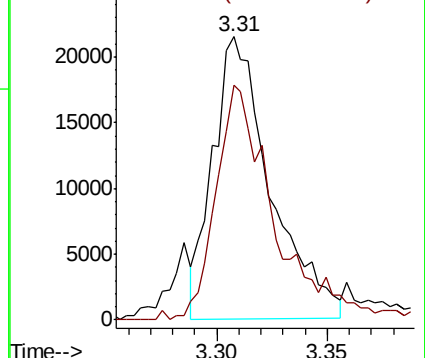
39 100

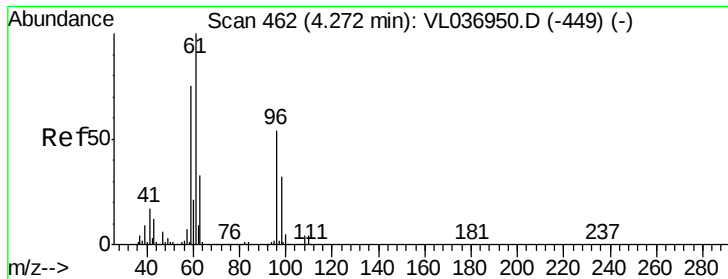
54 86.1 63.2 94.8



Abundance Ion 39.10 (38.80 to 39.80): VL0

Ion 54.10 (53.80 to 54.80): VL0





#18

1,1-Dichloroethene

Concen: 0.497 ppbv

RT: 4.27 min Scan# 461

Delta R.T. -0.00 min

Lab File: VL037047.D

Acq: 24 May 2021 14:19

Instrument :

MSVOA_L

ClientSampleId :

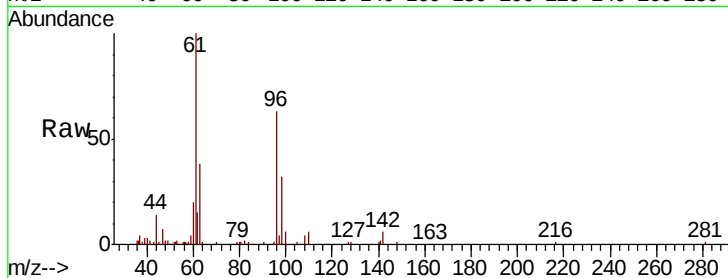
Tot Ion: 96 Resp: 32012

Ion Ratio Lower Upper

96 100

61 157.9 148.2 222.4

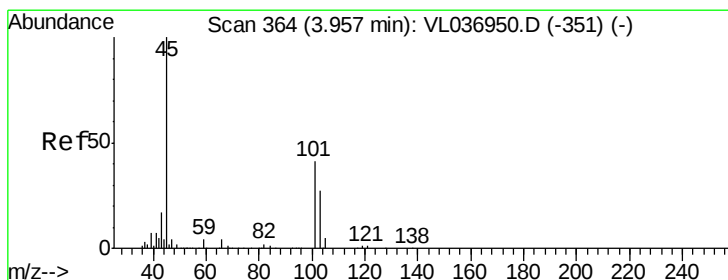
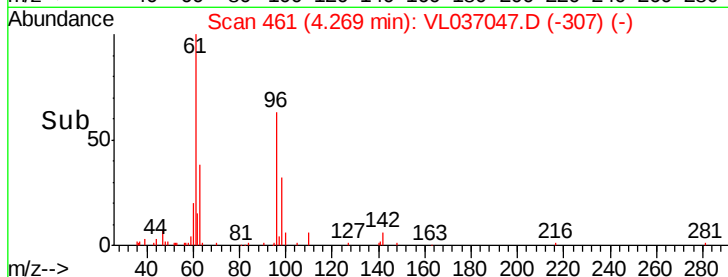
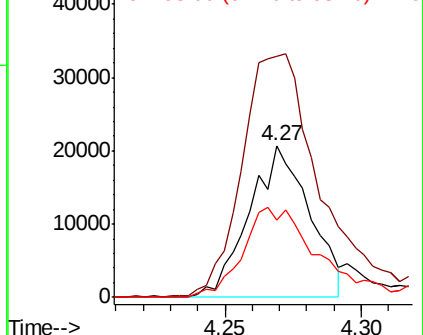
98 51.1 47.8 71.6



Abundance Ion 96.00 (95.70 to 96.70): VL0

Ion 61.10 (60.80 to 61.80): VL0

Ion 98.00 (97.70 to 98.70): VL0



#19

Isopropyl Alcohol

Concen: 0.387 ppbv

RT: 3.98 min Scan# 372

Delta R.T. 0.03 min

Lab File: VL037047.D

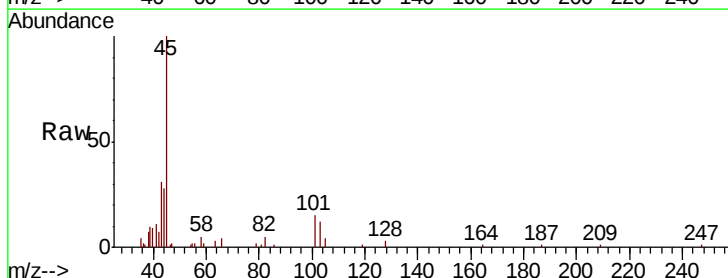
Acq: 24 May 2021 14:19

Tgt Ion: 45 Resp: 26521

Ion Ratio Lower Upper

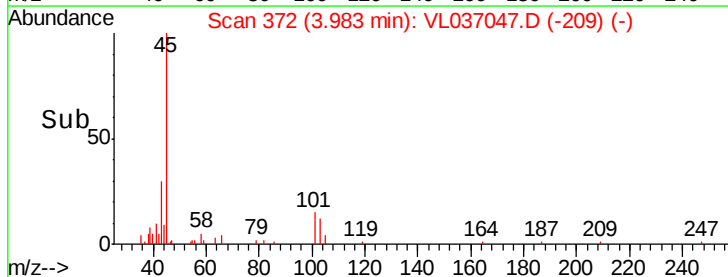
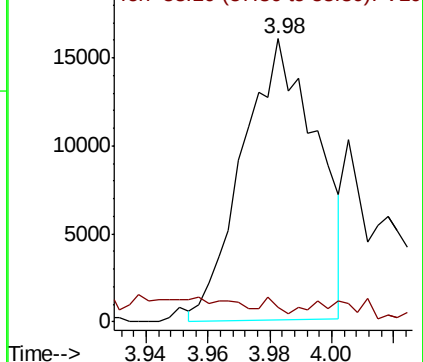
45 100

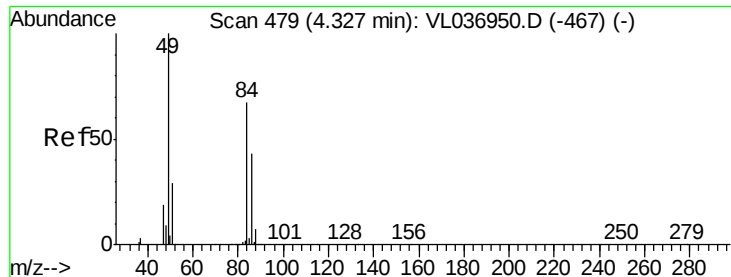
58 0.0 37.2 55.8#



Abundance Ion 45.10 (44.80 to 45.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

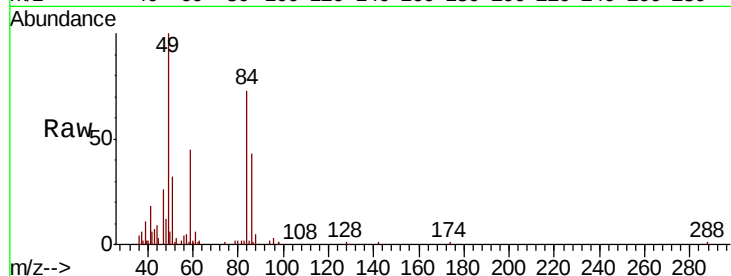




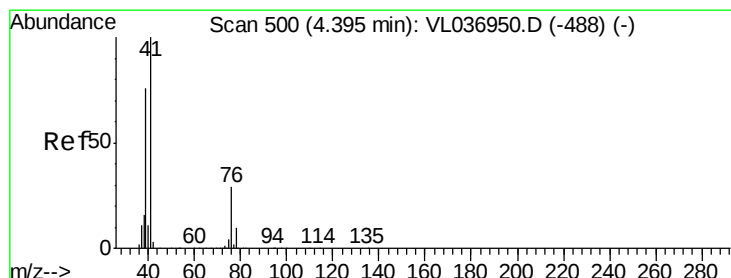
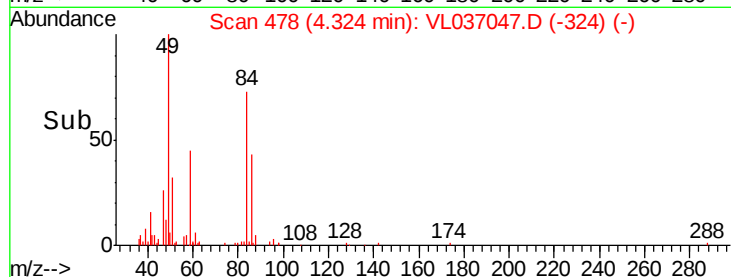
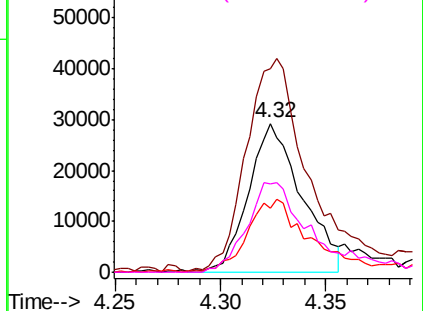
#20
Methylene Chloride
Concen: 0.754 ppbv
RT: 4.32 min Scan# 478
Delta R.T. -0.00 min
Lab File: VL037047.D
Acq: 24 May 2021 14:19

Instrument :
MSVOA_L
ClientSampleId :

Tot Ion:	84	Resp:	51506
Ion	Ratio	Lower	Upper
84	100		
49	133.7	119.8	179.6
51	43.0	35.1	52.7
86	59.3	50.9	76.3

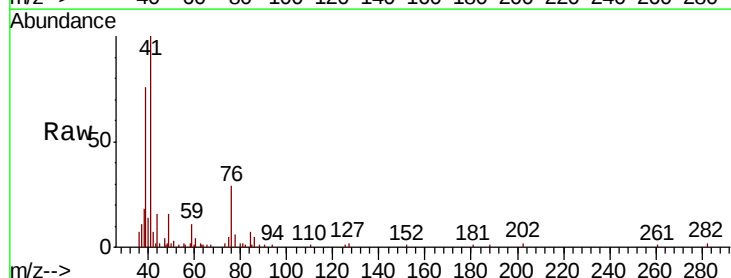


Abundance Ion 84.00 (83.70 to 84.70): VL0
Ion 49.10 (48.80 to 49.80): VL0
Ion 51.10 (50.80 to 51.80): VL0
Ion 86.00 (85.70 to 86.70): VL0

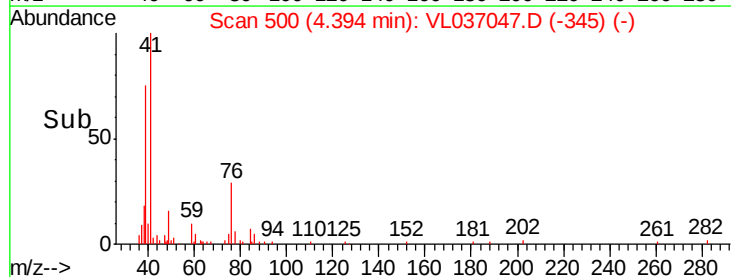
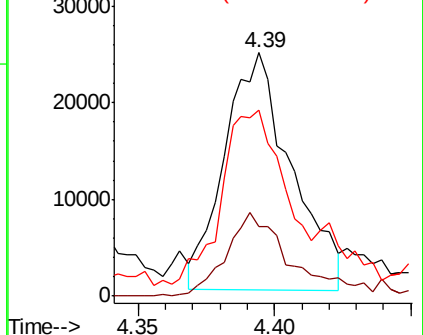


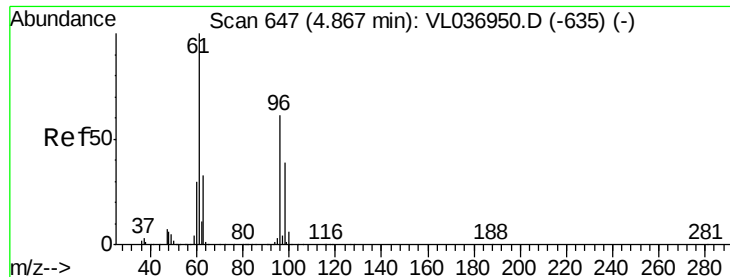
#21
Allyl Chloride
Concen: 0.436 ppbv
RT: 4.39 min Scan# 500
Delta R.T. -0.00 min
Lab File: VL037047.D
Acq: 24 May 2021 14:19

Tgt Ion:	41	Resp:	41967
Ion	Ratio	Lower	Upper
41	100		
76	36.8	24.9	37.3
39	96.5	63.7	95.5#



Abundance Ion 41.10 (40.80 to 41.80): VL0
Ion 76.10 (75.80 to 76.80): VL0
Ion 39.10 (38.80 to 39.80): VL0





#22

trans-1,2-Dichloroethene

Concen: 0.413 ppbv

RT: 4.87 min Scan# 647

Delta R.T. -0.00 min

Lab File: VL037047.D

Acq: 24 May 2021 14:19

Instrument :

MSVOA_L

ClientSampleId :

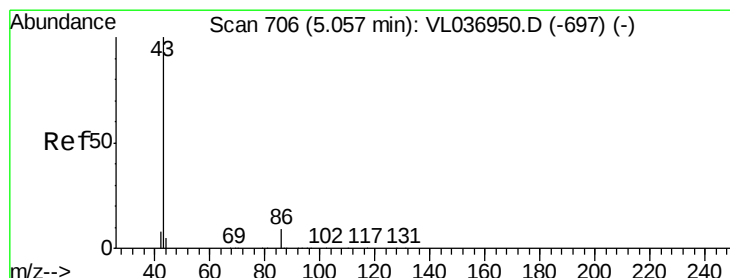
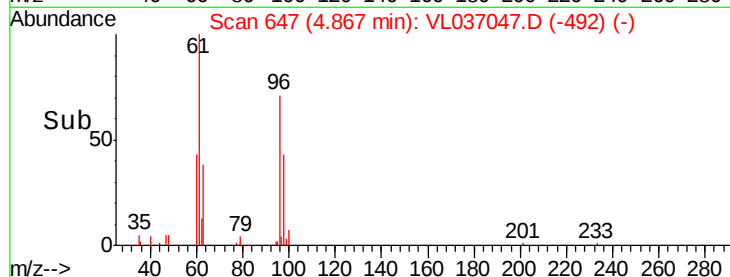
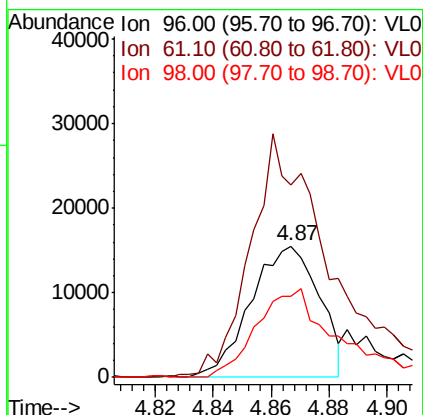
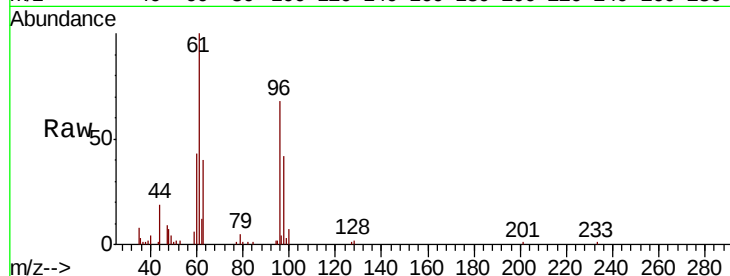
Tot Ion: 96 Resp: 25472

Ion Ratio Lower Upper

96 100

61 144.8 130.6 196.0

98 61.6 50.8 76.2



#23

Vinyl Acetate

Concen: 0.376 ppbv

RT: 5.07 min Scan# 709

Delta R.T. 0.01 min

Lab File: VL037047.D

Acq: 24 May 2021 14:19

Tgt Ion: 43 Resp: 75997

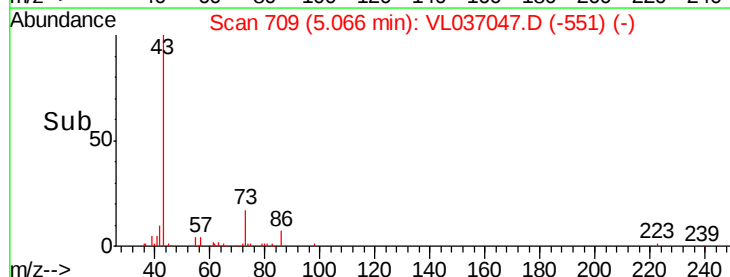
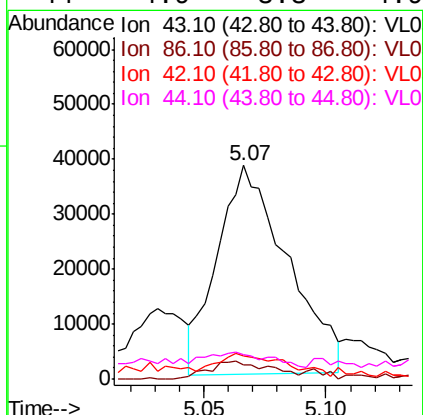
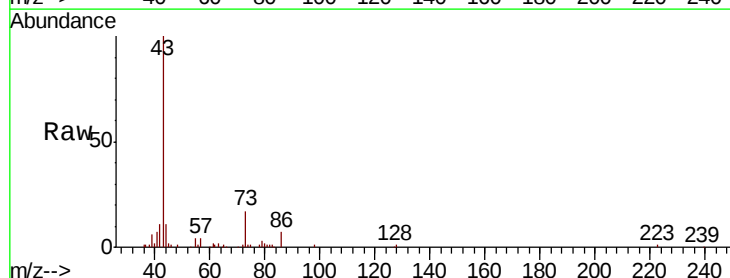
Ion Ratio Lower Upper

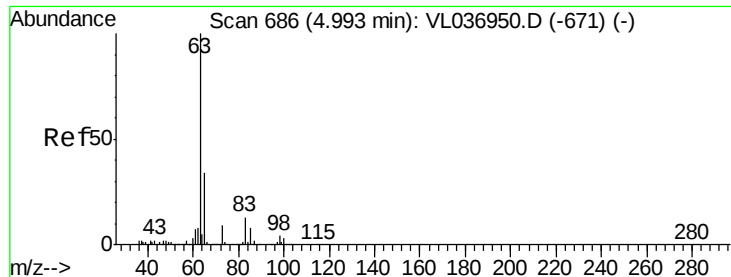
43 100

86 8.2 5.8 8.8

42 6.7 7.4 11.2#

44 4.9 3.3 4.9





#24

1,1-Dichloroethane

Concen: 0.509 ppbv

RT: 4.99 min Scan# 685

Delta R.T. -0.00 min

Lab File: VL037047.D

Acq: 24 May 2021 14:19

Instrument :

MSVOA_L

ClientSampleId :

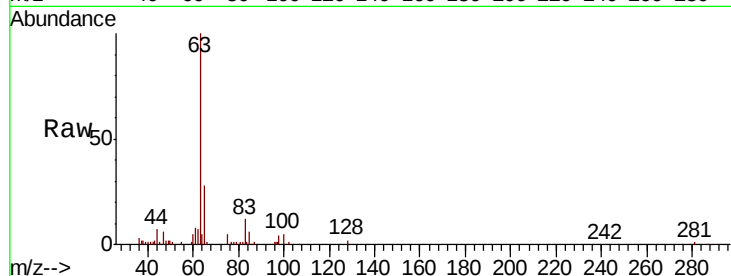
Tot Ion: 63 Resp: 74106

Ion Ratio Lower Upper

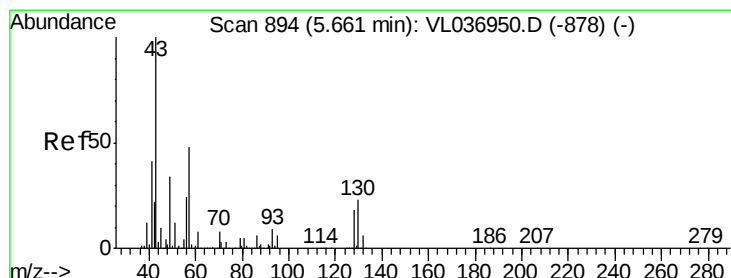
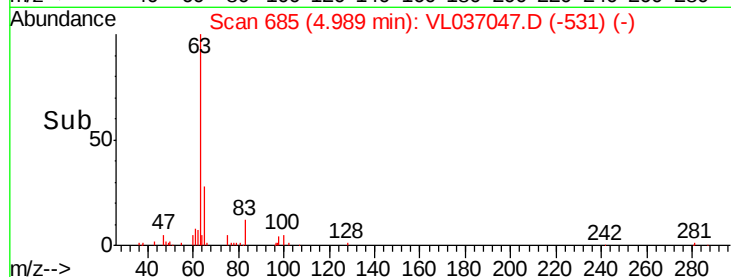
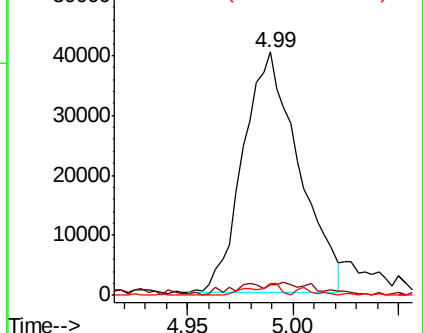
63 100

98 3.5 2.3 6.9

100 4.9 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: 0.418 ppbv

RT: 5.66 min Scan# 895

Delta R.T. 0.00 min

Lab File: VL037047.D

Acq: 24 May 2021 14:19

Tgt Ion: 43 Resp: 128057

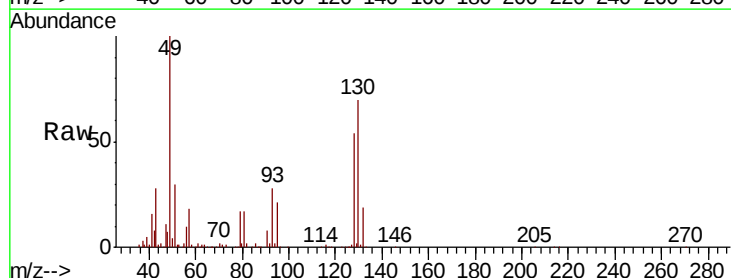
Ion Ratio Lower Upper

43 100

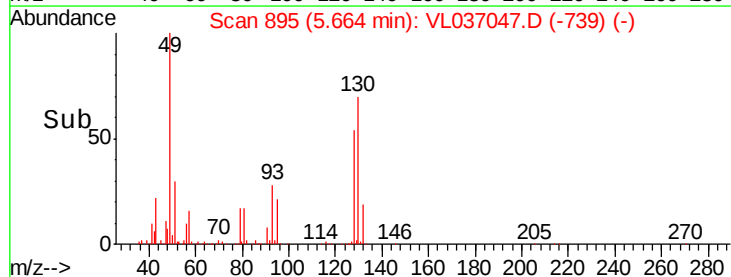
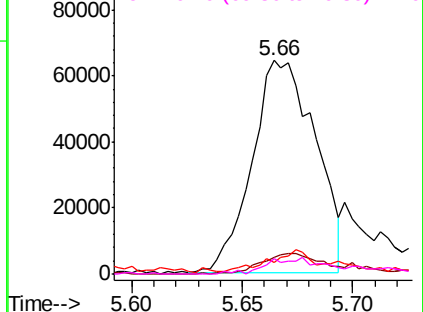
45 11.9 7.8 11.8#

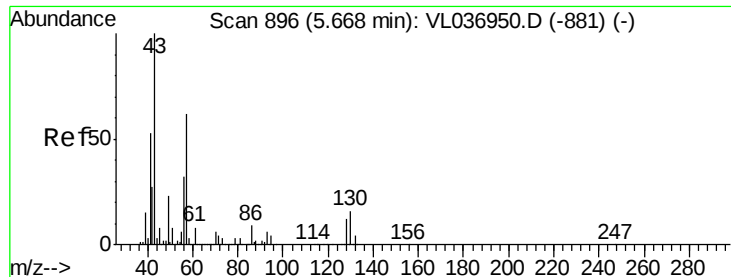
61 14.2 7.8 11.8#

70 10.4 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

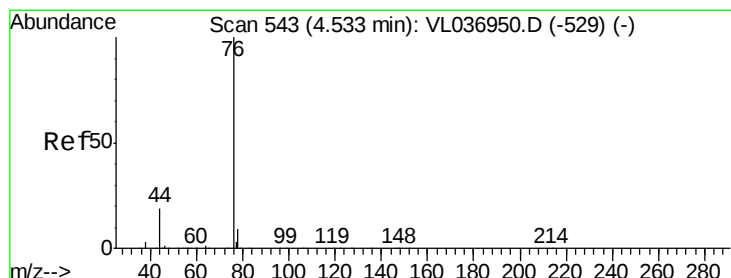
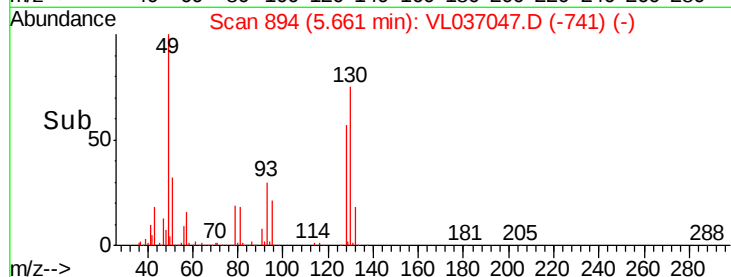
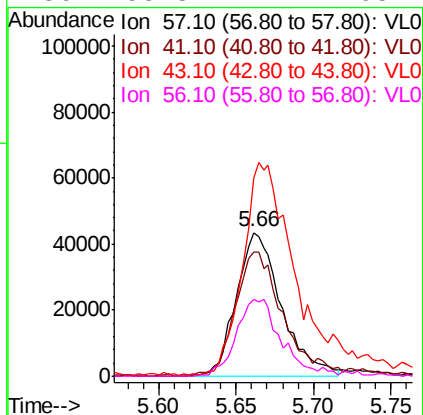
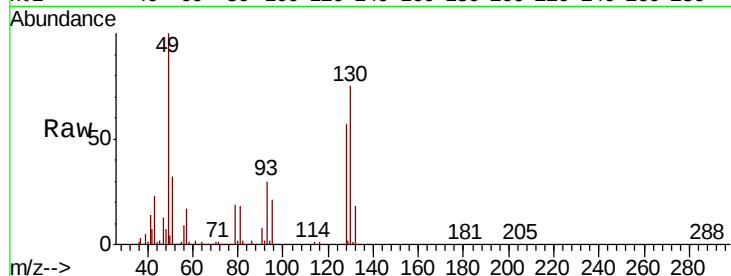




#26
Hexane
Concen: 0.562 ppbv
RT: 5.66 min Scan# 894
Delta R.T. -0.01 min
Lab File: VL037047.D
Acq: 24 May 2021 14:19

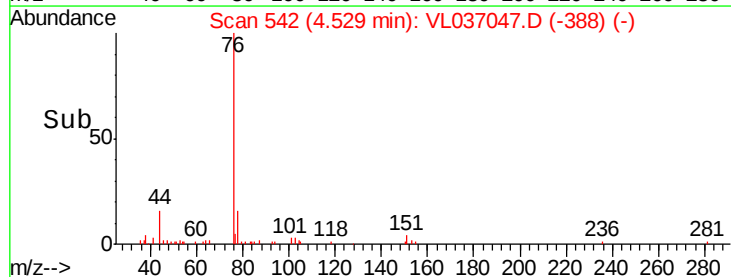
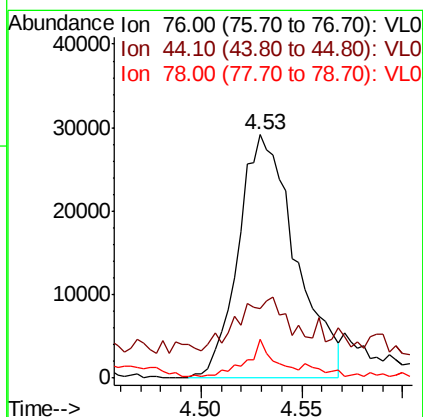
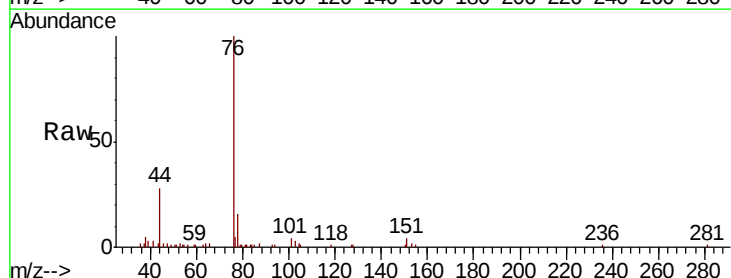
Instrument :
MSVOA_L
ClientSampled :

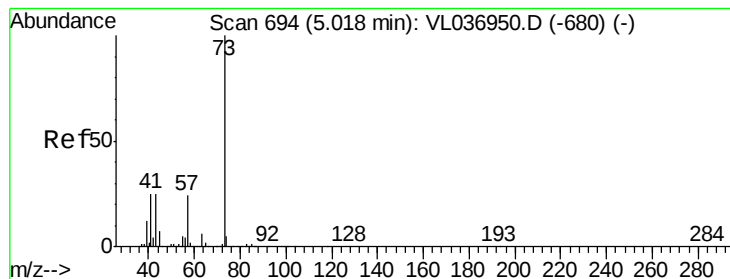
Tot Ion:	57	Resp:	88000
Ion	Ratio	Lower	Upper
57	100		
41	96.7	70.5	105.7
43	191.6	165.8	248.8
56	55.8	42.2	63.4



#27
Carbon Disulfide
Concen: 0.368 ppbv
RT: 4.53 min Scan# 542
Delta R.T. -0.00 min
Lab File: VL037047.D
Acq: 24 May 2021 14:19

Tgt Ion:	76	Resp:	58000
Ion	Ratio	Lower	Upper
76	100		
44	30.7	15.5	23.3#
78	12.2	7.8	11.6#



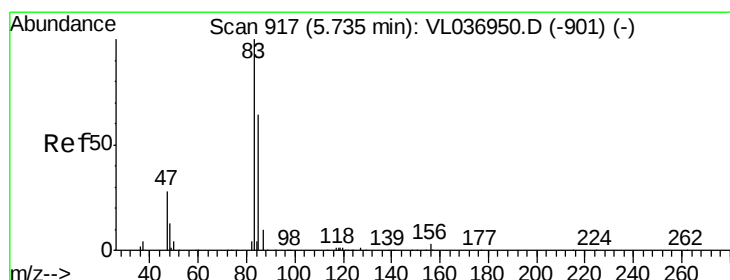
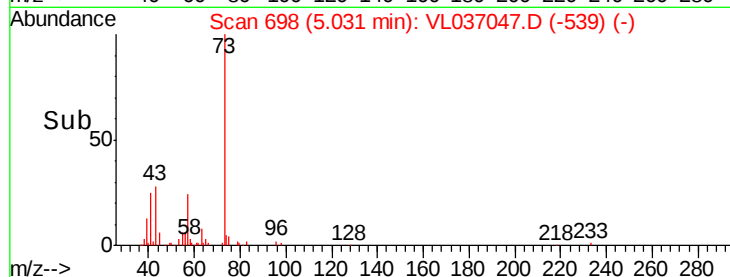
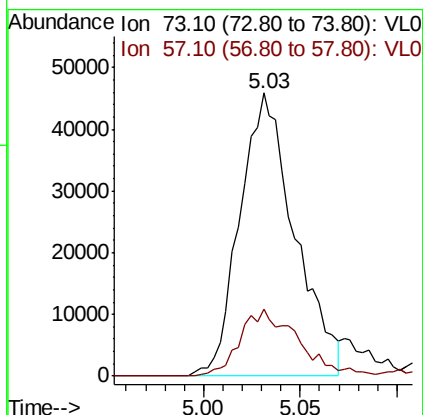
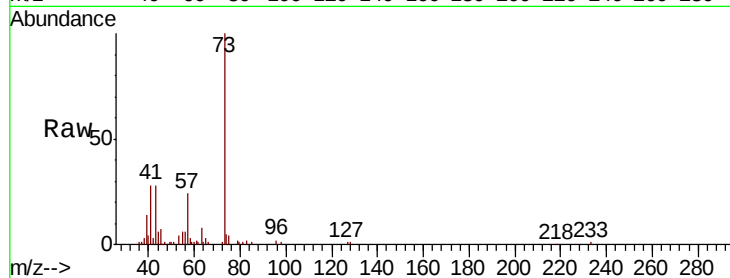


#28

Methvl tert-Butvl Ether
 Concen: 0.482 ppbv
 RT: 5.03 min Scan# 698
 Delta R.T. 0.01 min
 Lab File: VL037047.D
 Acq: 24 May 2021 14:19

Instrument :
 MSVOA_L
 ClientSampled :

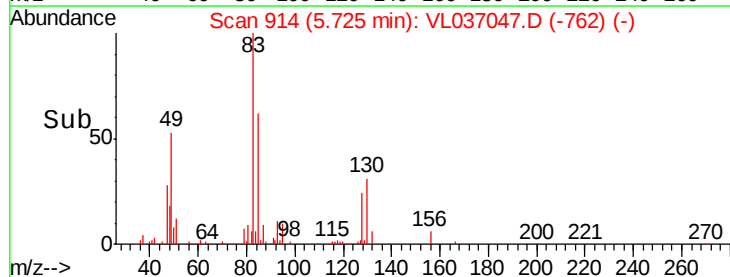
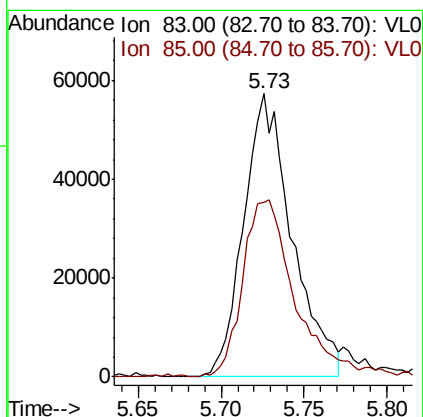
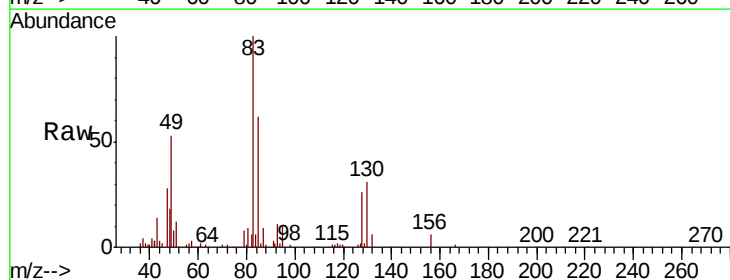
Tot Ion: 73 Resp: 90485
 Ion Ratio Lower Upper
 73 100
 57 26.3 18.3 27.5

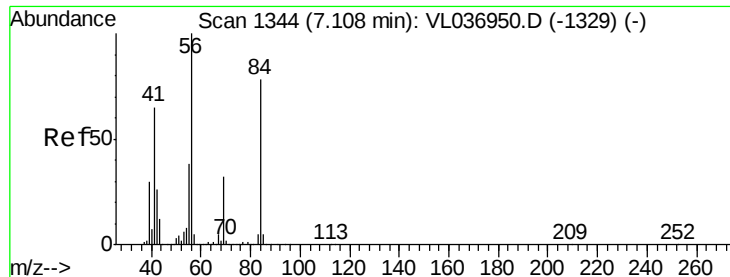


#29

Chloroform
 Concen: 0.527 ppbv
 RT: 5.73 min Scan# 914
 Delta R.T. -0.01 min
 Lab File: VL037047.D
 Acq: 24 May 2021 14:19

Tgt Ion: 83 Resp: 116459
 Ion Ratio Lower Upper
 83 100
 85 61.6 51.1 76.7

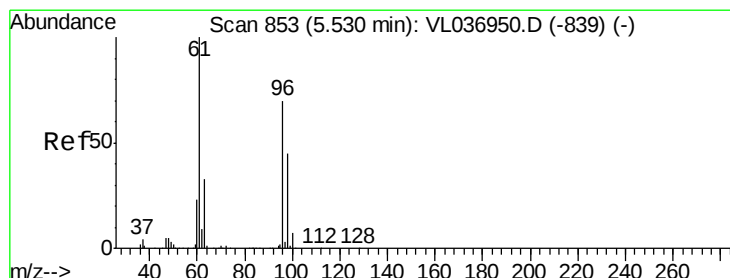
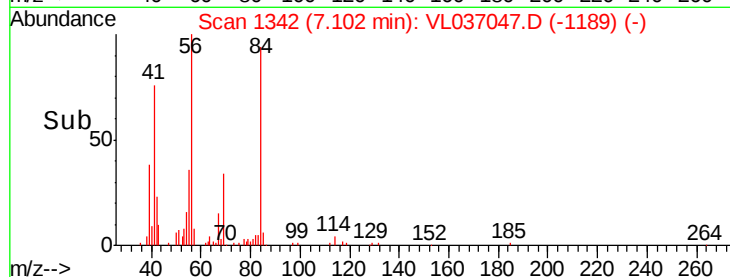
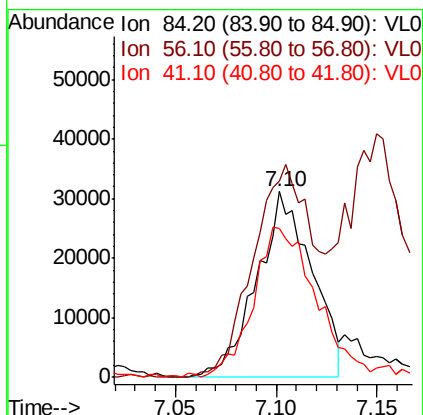
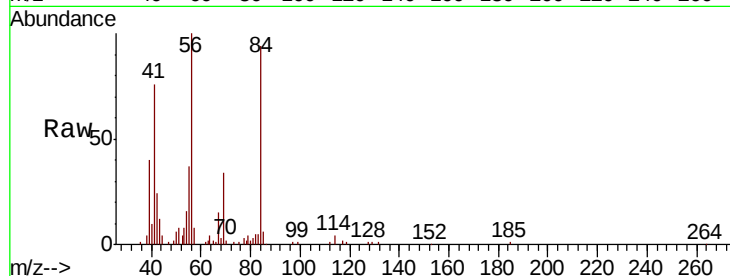




#30
Cvclohexane
Concen: 0.445 ppbv
RT: 7.10 min Scan# 1342
Delta R.T. -0.01 min
Lab File: VL037047.D
Acq: 24 May 2021 14:19

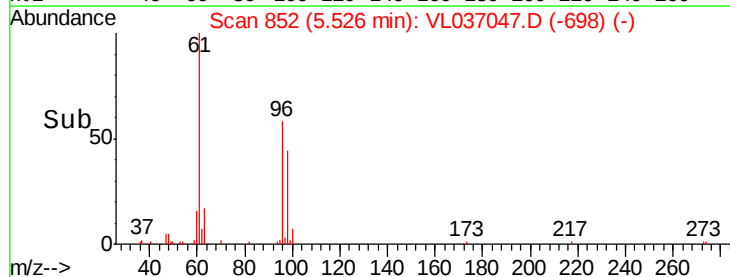
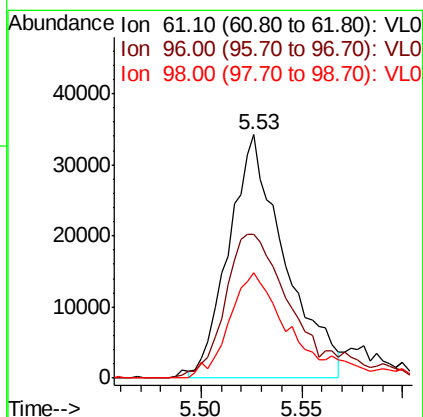
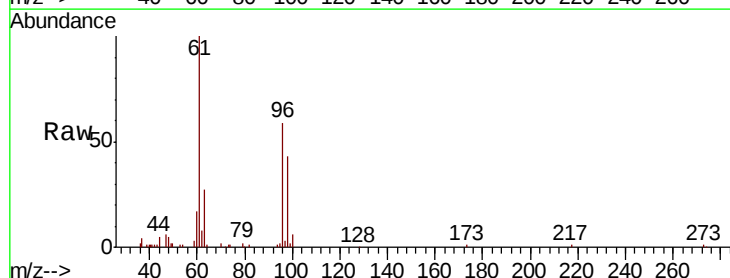
Instrument :
MSVOA_L
ClientSampleId :

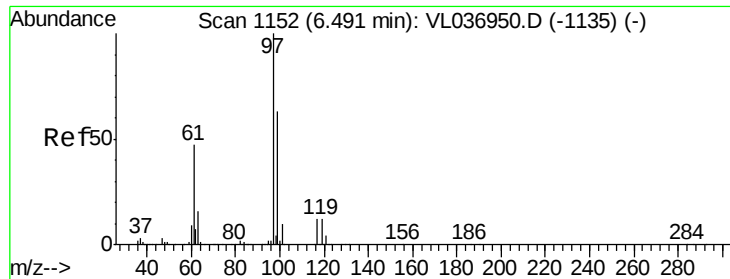
Tot Ion: 84 Resp: 59103
Ion Ratio Lower Upper
84 100
56 117.5 107.9 161.9
41 95.9 65.5 98.3



#31
cis-1,2-Dichloroethene
Concen: 0.473 ppbv
RT: 5.53 min Scan# 852
Delta R.T. -0.00 min
Lab File: VL037047.D
Acq: 24 May 2021 14:19

Tgt Ion: 61 Resp: 66307
Ion Ratio Lower Upper
61 100
96 57.4 55.9 83.9
98 44.5 35.6 53.4





#32

1,1,1-Trichloroethane

Concen: 0.458 ppbv

RT: 6.48 min Scan# 1150

Delta R.T. -0.01 min

Lab File: VL037047.D

Acq: 24 May 2021 14:19

Instrument :

MSVOA_L

ClientSampleId :

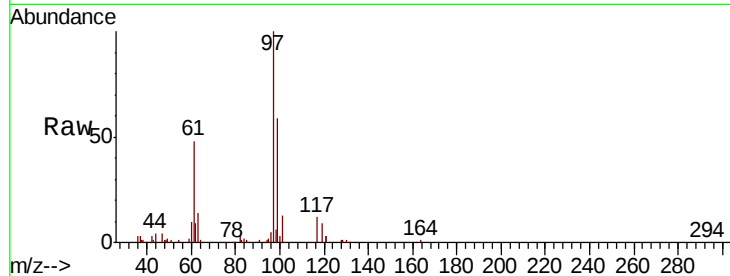
Tot Ion: 97 Resp: 108787

Ion Ratio Lower Upper

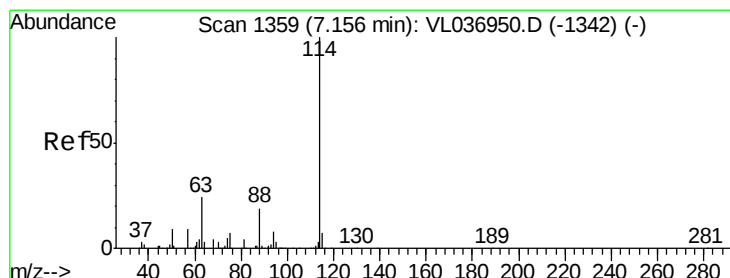
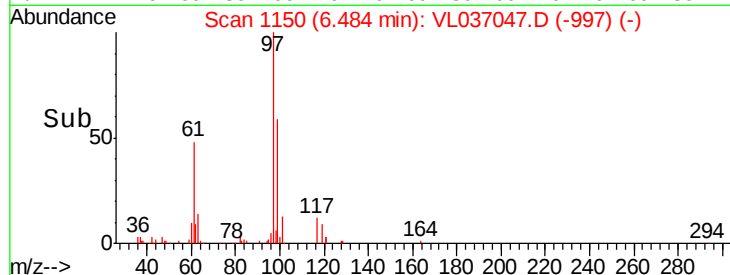
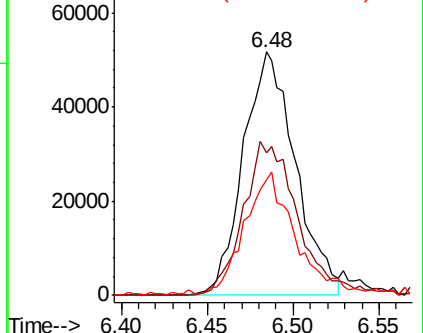
97 100

99 67.0 51.9 77.9

61 49.7 37.6 56.4



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: 7.15 min Scan# 1357

Delta R.T. -0.01 min

Lab File: VL037047.D

Acq: 24 May 2021 14:19

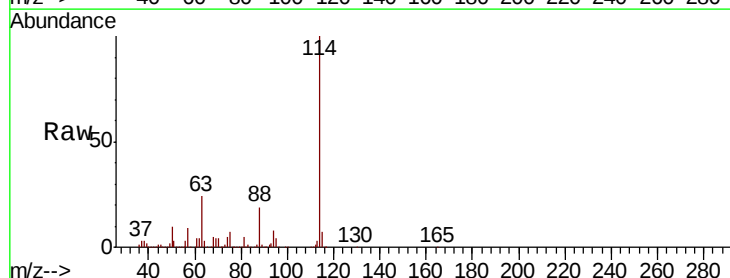
Tgt Ion: 114 Resp: 3746373

Ion Ratio Lower Upper

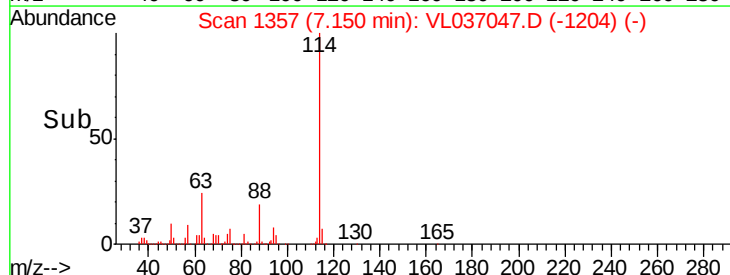
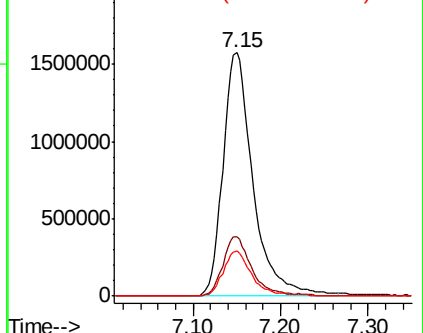
114 100

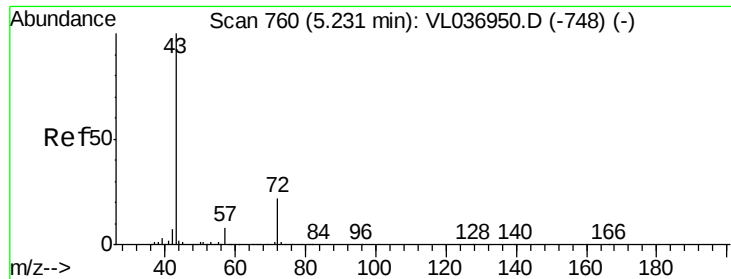
63 24.0 19.6 29.4

88 18.1 14.6 21.8



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

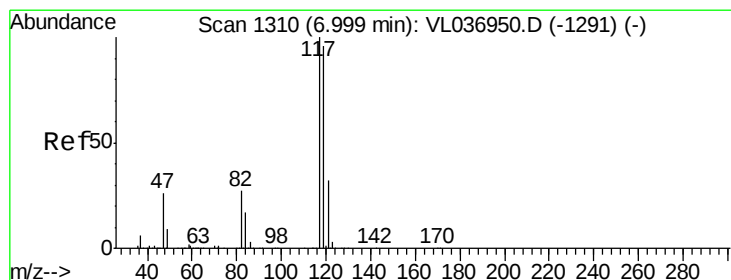
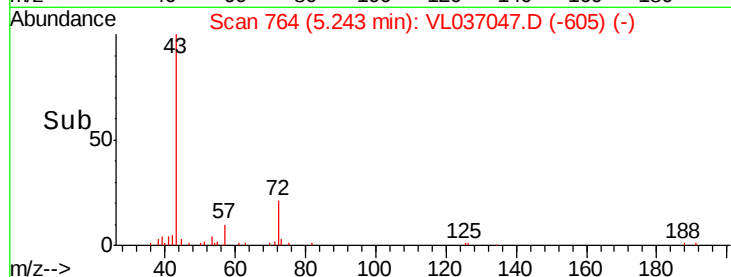
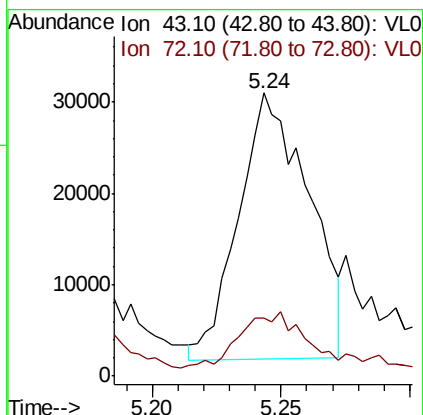
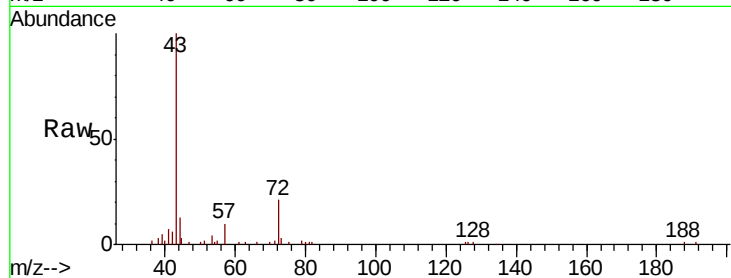




#34
2-Butanone
Concen: 0.406 ppbv
RT: 5.24 min Scan# 764
Delta R.T. 0.01 min
Lab File: VL037047.D
Acq: 24 May 2021 14:19

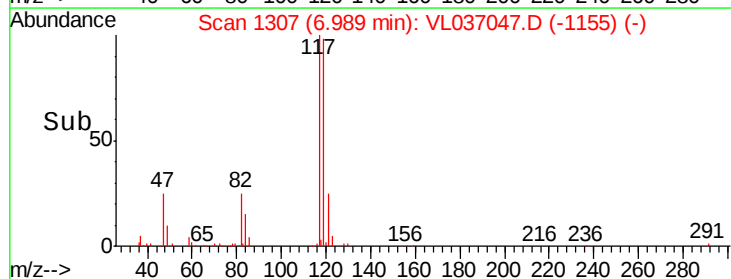
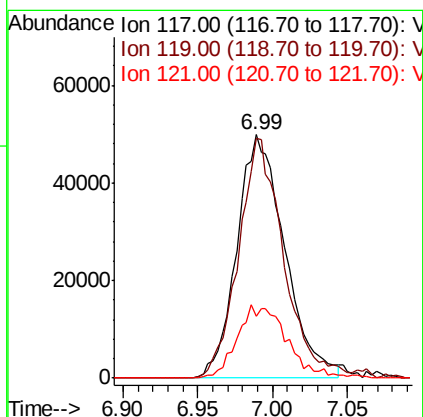
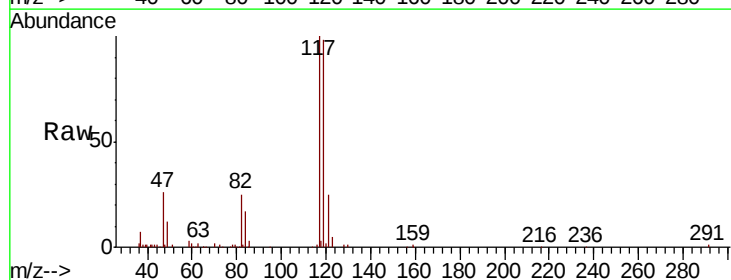
Instrument :
MSVOA_L
ClientSampleId :

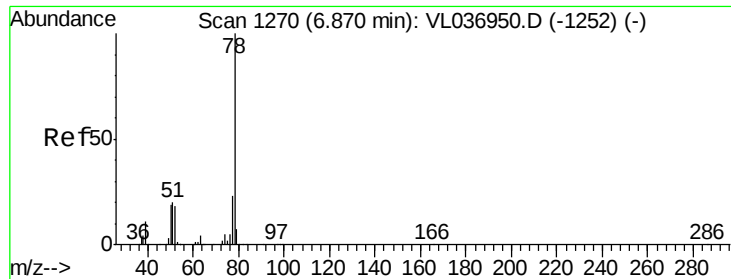
Tot Ion: 43 Resp: 55442
Ion Ratio Lower Upper
43 100
72 37.0 19.0 28.4#



#35
Carbon Tetrachloride
Concen: 0.445 ppbv
RT: 6.99 min Scan# 1307
Delta R.T. -0.01 min
Lab File: VL037047.D
Acq: 24 May 2021 14:19

Tgt Ion: 117 Resp: 110742
Ion Ratio Lower Upper
117 100
119 98.0 76.6 114.8
121 25.1 25.8 38.6#

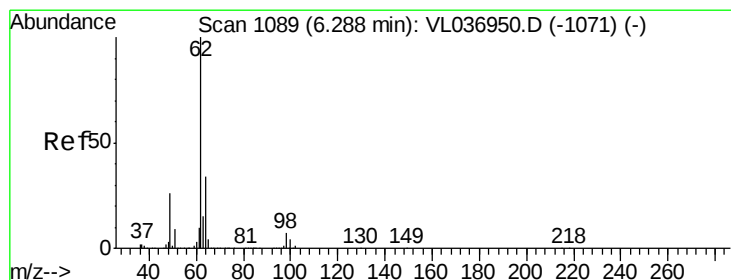
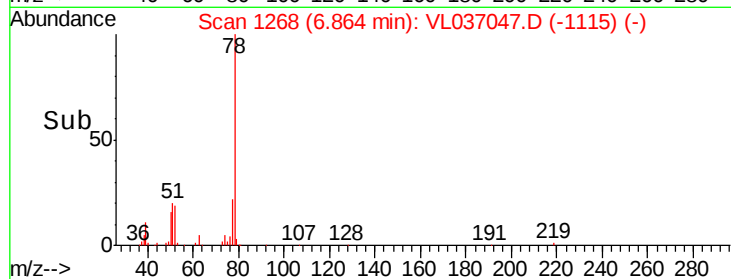
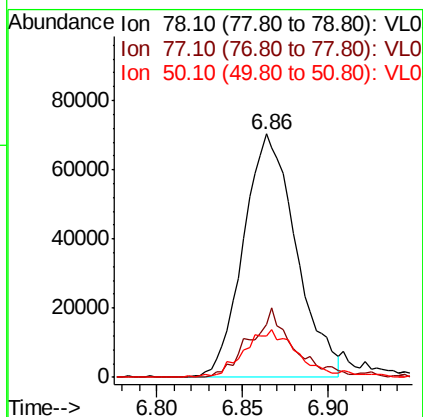
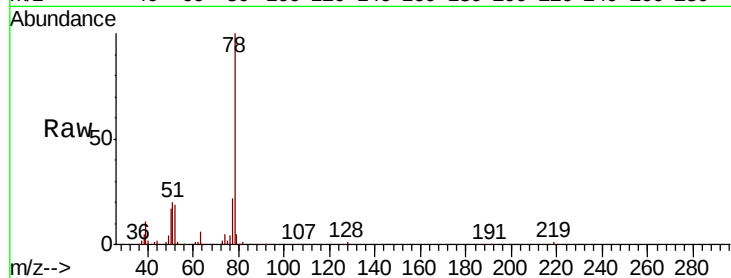




#36
Benzene
Concen: 0.465 ppbv
RT: 6.86 min Scan# 1268
Delta R.T. -0.01 min
Lab File: VL037047.D
Acq: 24 May 2021 14:19

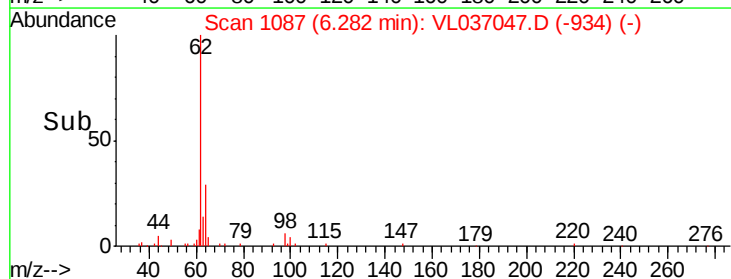
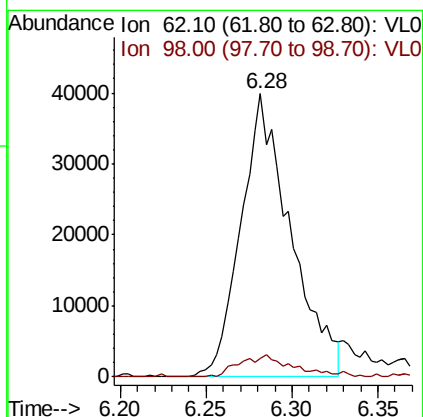
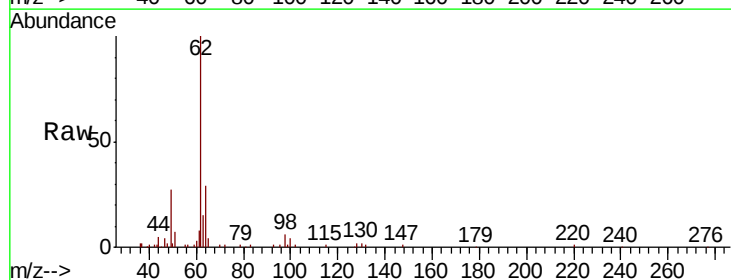
Instrument :
MSVOA_L
ClientSampleId :

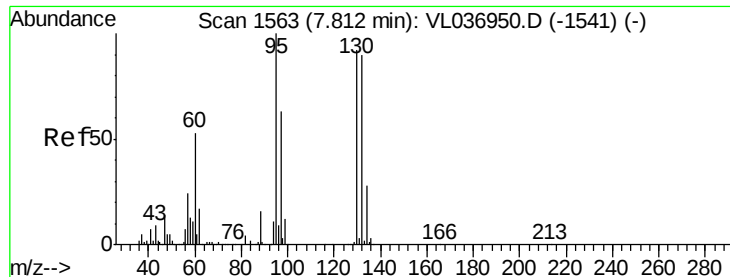
Tot Ion: 78 Resp: 150008
Ion Ratio Lower Upper
78 100
77 21.6 18.6 28.0
50 16.3 15.0 22.4



#37
1,2-Dichloroethane
Concen: 0.501 ppbv
RT: 6.28 min Scan# 1087
Delta R.T. -0.01 min
Lab File: VL037047.D
Acq: 24 May 2021 14:19

Tgt Ion: 62 Resp: 80151
Ion Ratio Lower Upper
62 100
98 8.6 5.5 8.3#

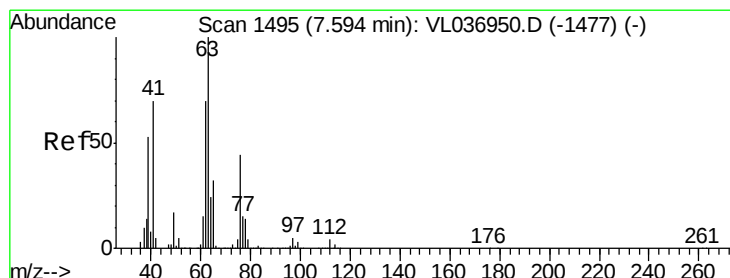
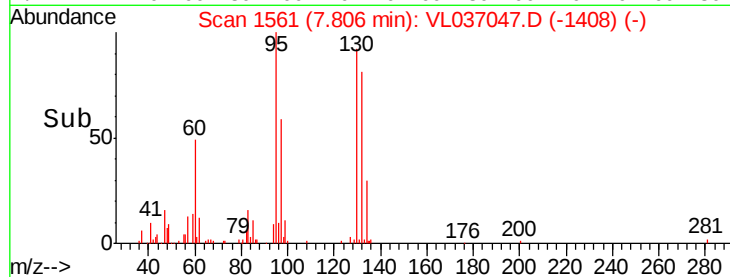
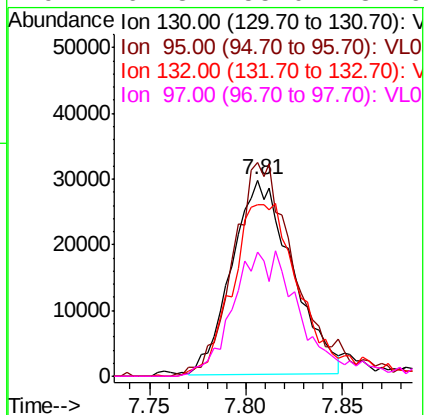
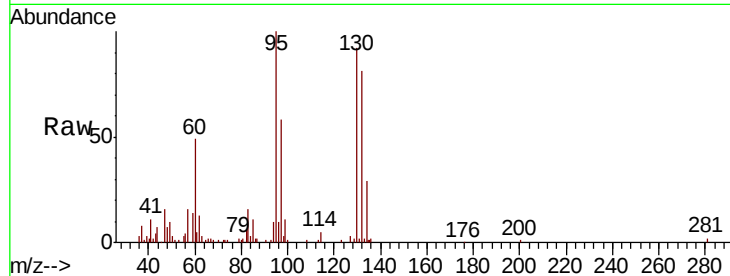




#38
 Trichloroethene
 Concen: 0.466 ppbv
 RT: 7.81 min Scan# 1561
 Delta R.T. -0.01 min
 Lab File: VL037047.D
 Acq: 24 May 2021 14:19

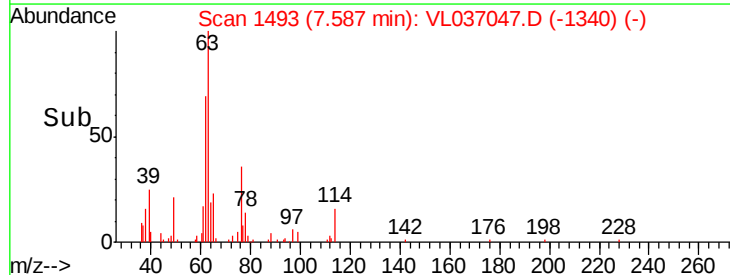
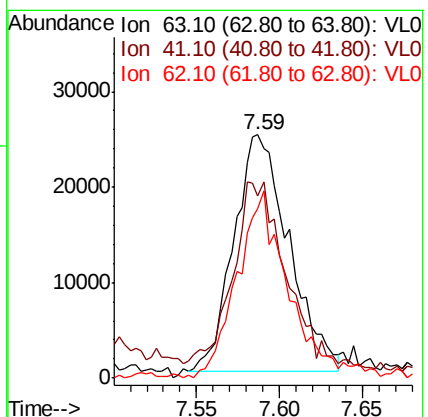
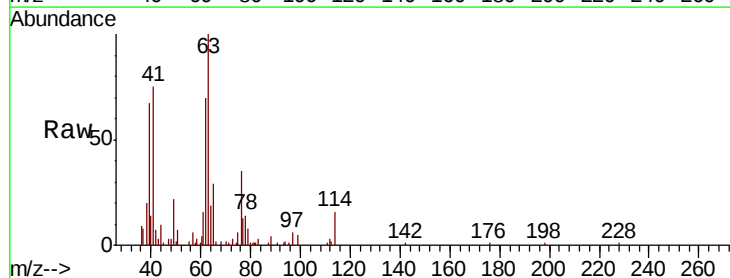
Instrument :
 MSVOA_L
 ClientSampled :

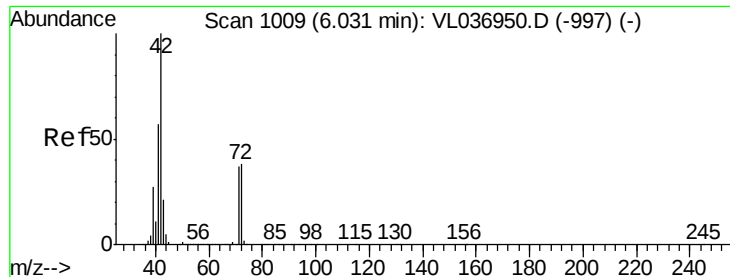
Tot Ion:130	Resp:	64393
Ion Ratio	Lower	Upper
130	100	
95	106.1	86.9 130.3
132	86.6	78.4 117.6
97	62.8	55.0 82.6



#39
 1,2-Dichloropropane
 Concen: 0.462 ppbv
 RT: 7.59 min Scan# 1493
 Delta R.T. -0.01 min
 Lab File: VL037047.D
 Acq: 24 May 2021 14:19

Tgt Ion: 63	Resp:	57478
Ion Ratio	Lower	Upper
63	100	
41	71.1	55.7 83.5
62	70.0	56.2 84.4

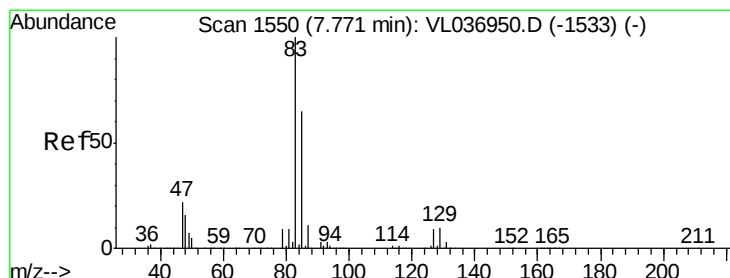
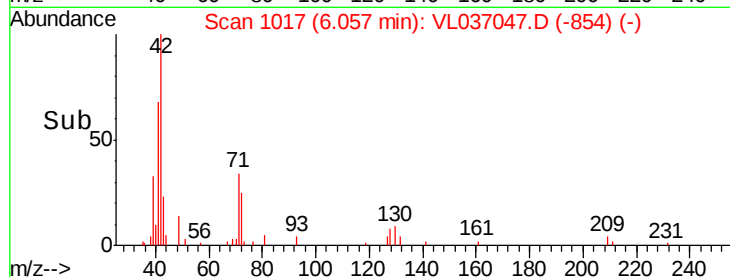
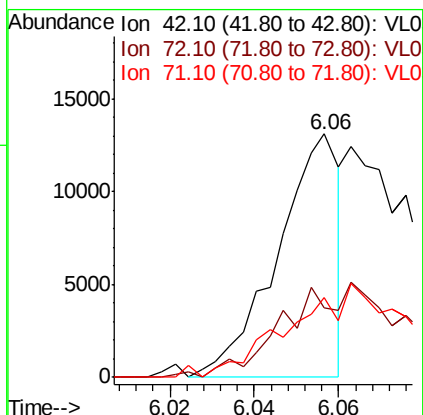
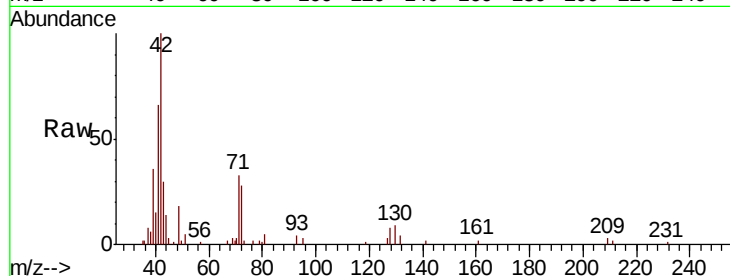




#41
Tetrahydrofuran
Concen: 0.172 ppbv
RT: 6.06 min Scan# 1017
Delta R.T. 0.03 min
Lab File: VL037047.D
Acq: 24 May 2021 14:19

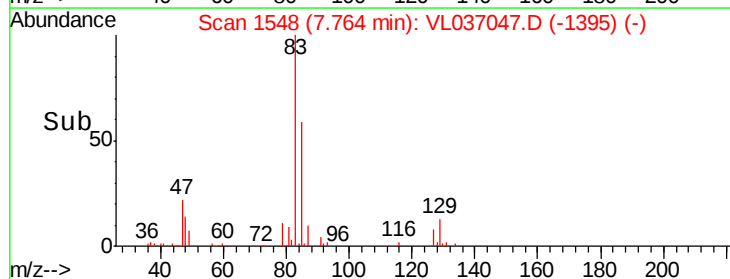
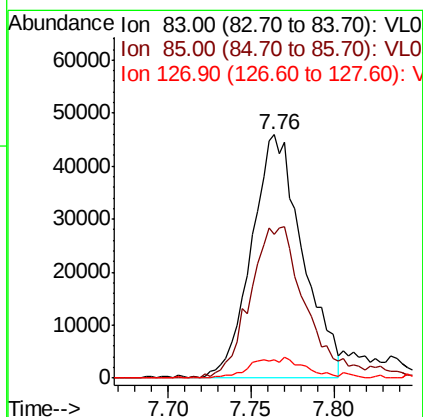
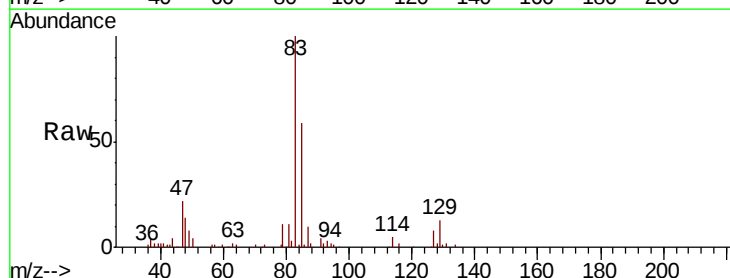
Instrument :
MSVOA_L
ClientSampleId :

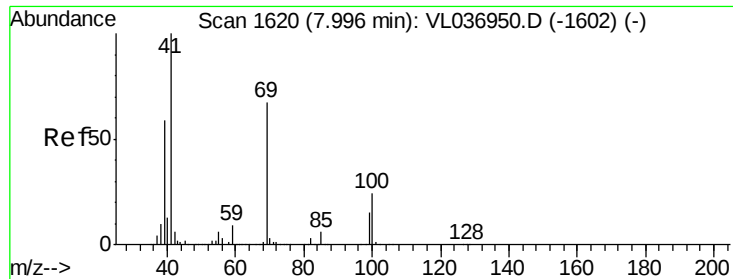
Tot Ion: 42 Resp: 13348
Ion Ratio Lower Upper
42 100
72 0.0 31.4 47.2#
71 0.0 30.4 45.6#



#42
Bromodichloromethane
Concen: 0.407 ppbv
RT: 7.76 min Scan# 1548
Delta R.T. -0.01 min
Lab File: VL037047.D
Acq: 24 May 2021 14:19

Tgt Ion: 83 Resp: 98613
Ion Ratio Lower Upper
83 100
85 58.9 51.7 77.5
127 7.0 6.9 10.3

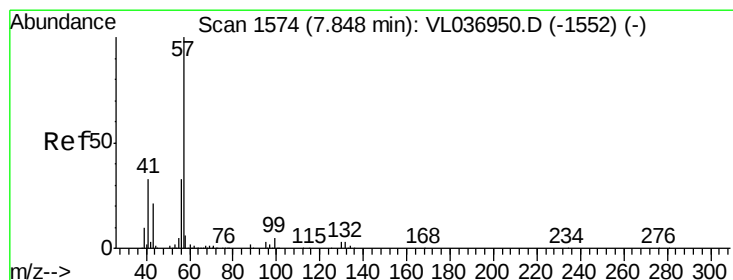
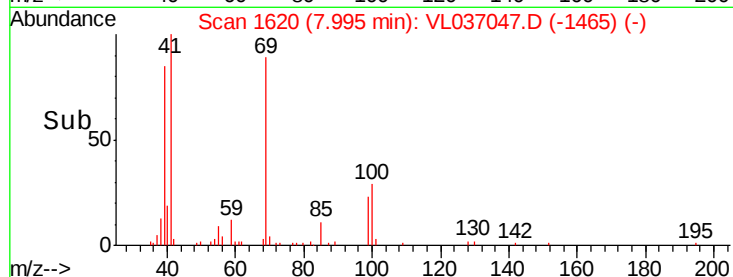
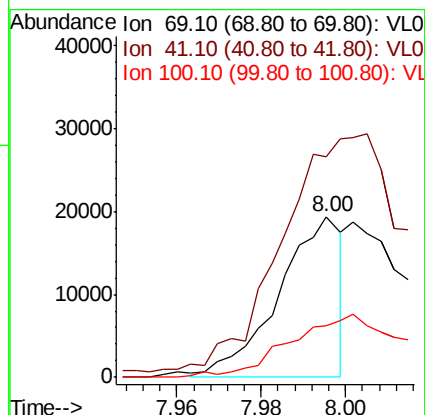
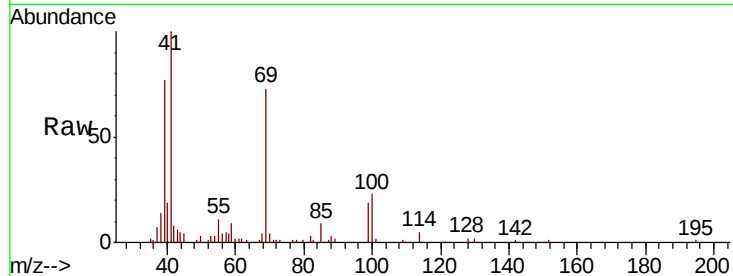




#43
Methyl Methacrylate
Concen: 0.180 ppbv
RT: 8.00 min Scan# 1620
Delta R.T. -0.00 min
Lab File: VL037047.D
Acq: 24 May 2021 14:19

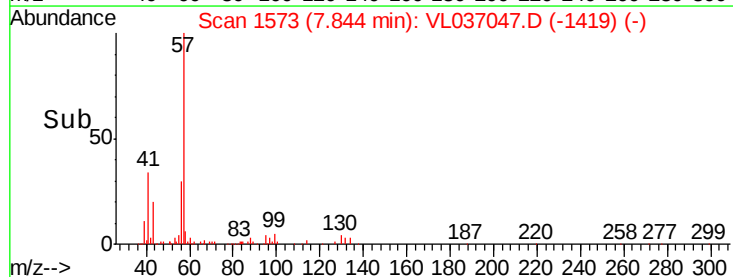
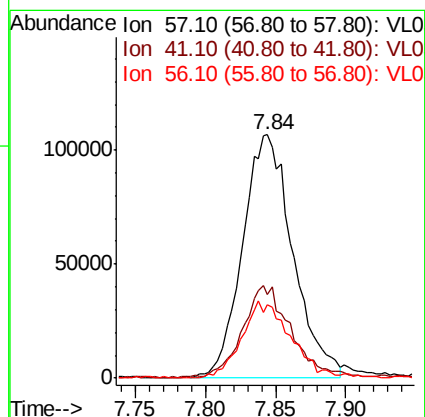
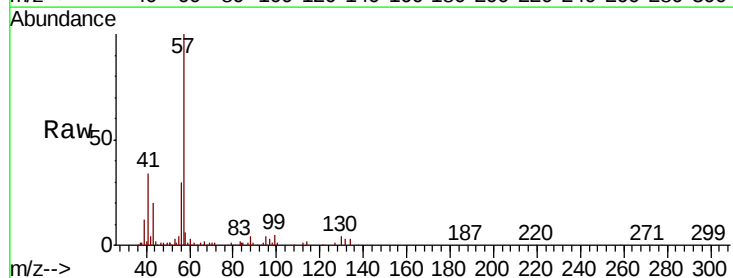
Instrument :
MSVOA_L
ClientSampleId :

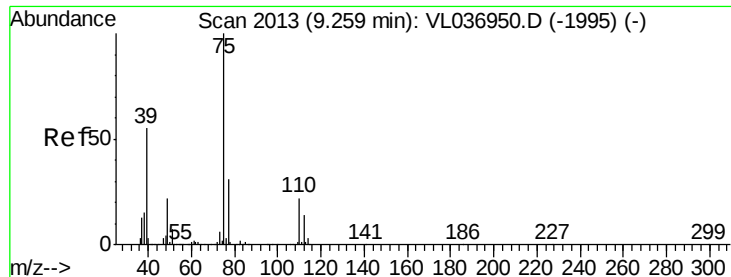
Tot Ion: 69 Resp: 20060
Ion Ratio Lower Upper
69 100
41 0.0 118.6 178.0#
100 0.0 28.2 42.4#



#44
2,2,4-Trimethylpentane
Concen: 0.477 ppbv
RT: 7.84 min Scan# 1573
Delta R.T. -0.00 min
Lab File: VL037047.D
Acq: 24 May 2021 14:19

Tgt Ion: 57 Resp: 264309
Ion Ratio Lower Upper
57 100
41 36.4 27.0 40.4
56 31.7 25.4 38.2

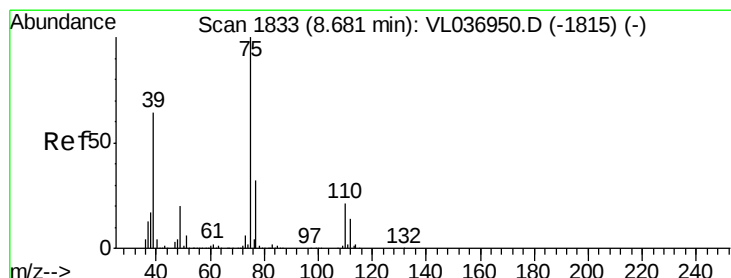
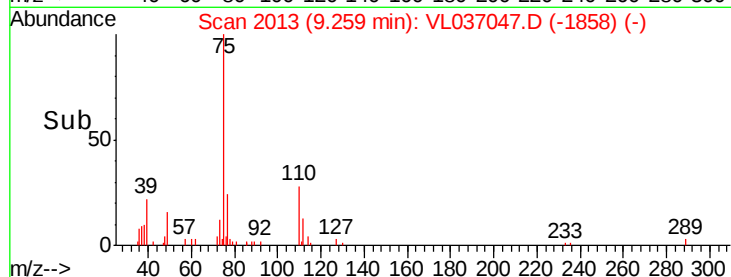
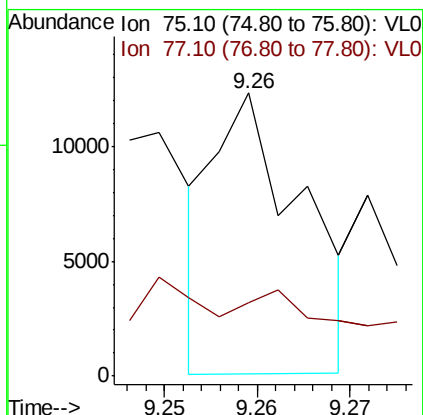
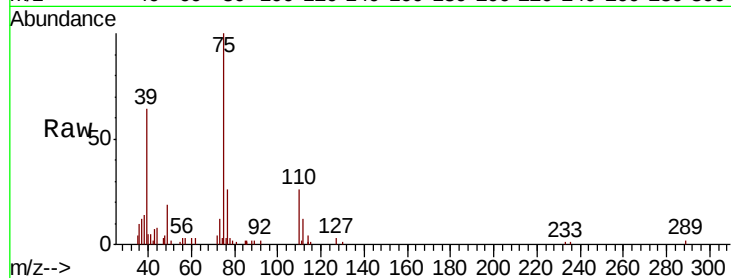




#45
 t-1,3-Dichloropropene
 Concen: 0.095 ppbv
 RT: 9.26 min Scan# 2013
 Delta R.T. -0.00 min
 Lab File: VL037047.D
 Acq: 24 May 2021 14:19

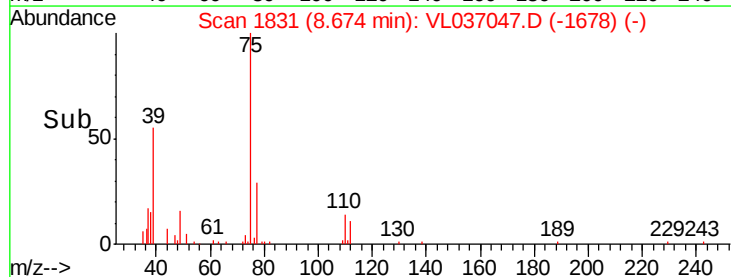
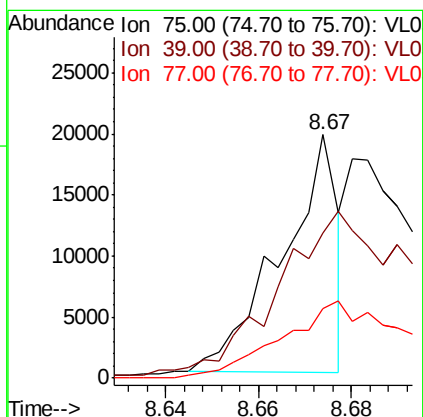
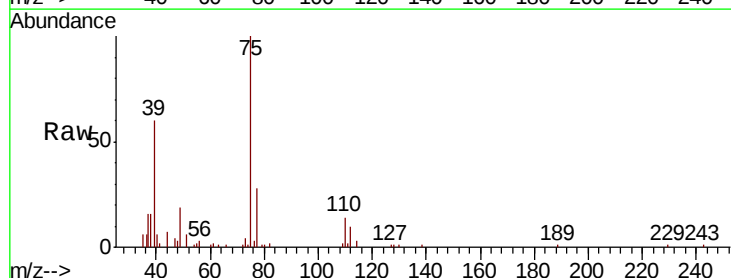
Instrument :
 MSVOA_L
 ClientSampled :

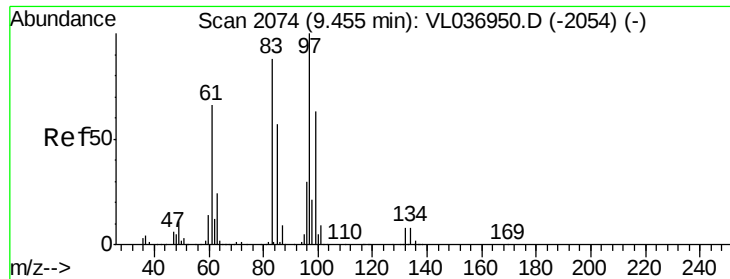
Tot Ion: 75 Resp: 8100
 Ion Ratio Lower Upper
 75 100
 77 25.9 24.4 36.6



#46
 cis-1,3-Dichloropropene
 Concen: 0.144 ppbv
 RT: 8.67 min Scan# 1831
 Delta R.T. -0.01 min
 Lab File: VL037047.D
 Acq: 24 May 2021 14:19

Tgt Ion: 75 Resp: 16405
 Ion Ratio Lower Upper
 75 100
 39 56.6 51.5 77.3
 77 28.0 25.9 38.9





#47

1,1,2-Trichloroethane

Concen: 0.456 ppbv

RT: 9.45 min Scan# 2072

Delta R.T. -0.01 min

Lab File: VL037047.D

Acq: 24 May 2021 14:19

Instrument :

MSVOA_L

ClientSampleId :

Tot Ion: 97 Resp: 59322

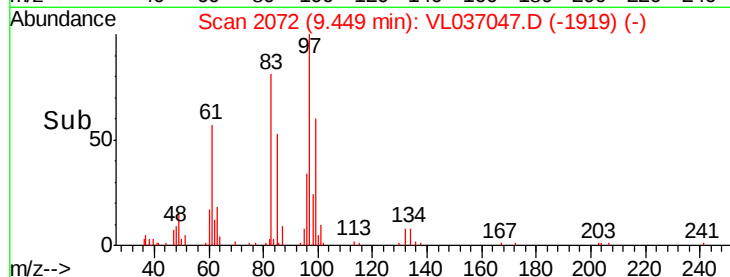
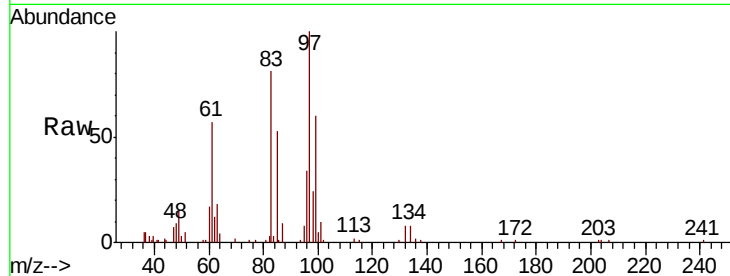
Ion Ratio Lower Upper

97 100

83 80.7 70.4 105.6

85 54.2 45.5 68.3

99 60.3 50.2 75.2

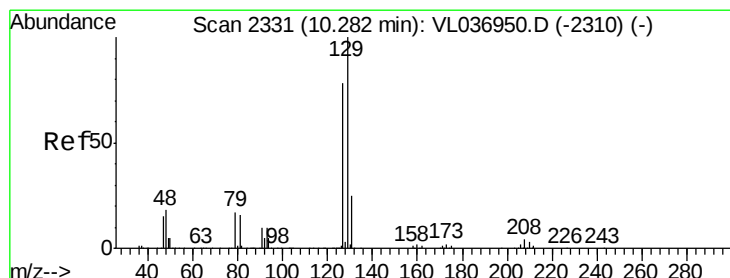
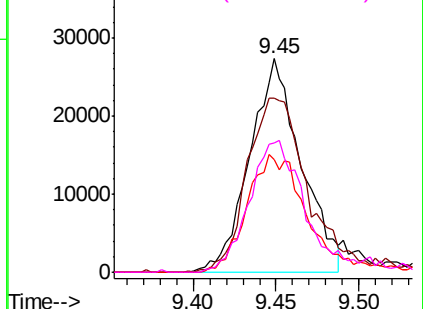


Abundance Ion 97.00 (96.70 to 97.70): VL0

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



#48

Dibromochloromethane

Concen: 0.361 ppbv

RT: 10.28 min Scan# 2330

Delta R.T. -0.00 min

Lab File: VL037047.D

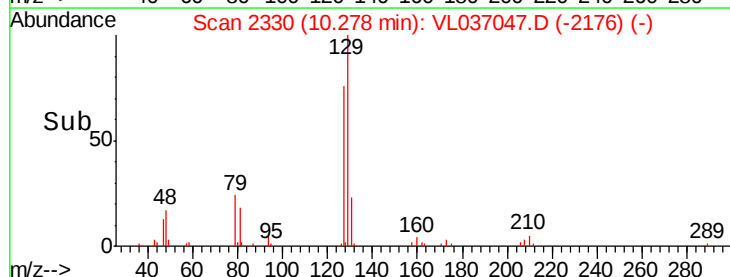
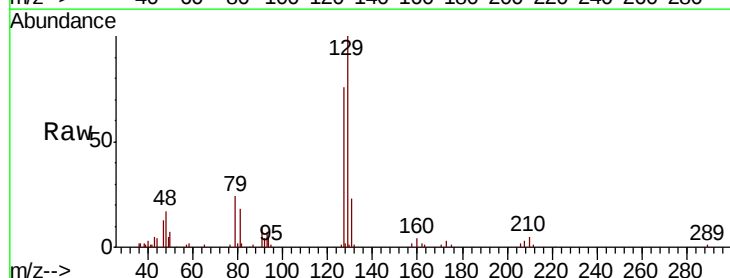
Acq: 24 May 2021 14:19

Tgt Ion: 129 Resp: 76039

Ion Ratio Lower Upper

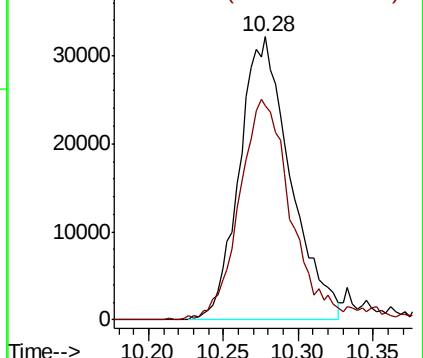
129 100

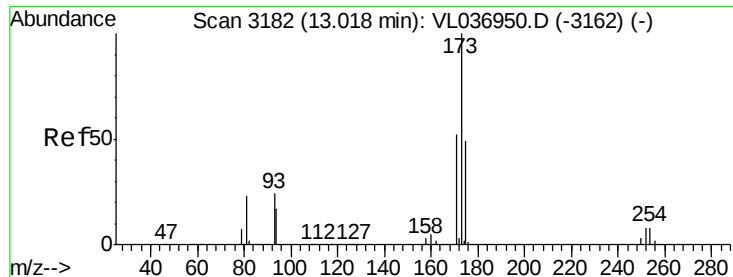
127 81.7 39.3 117.8



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V





#49

Bromoform

Concen: 0.163 ppbv

RT: 13.01 min Scan# 3179

Delta R.T. -0.01 min

Lab File: VL037047.D

Acq: 24 May 2021 14:19

Instrument :

MSVOA_L

ClientSampleId :

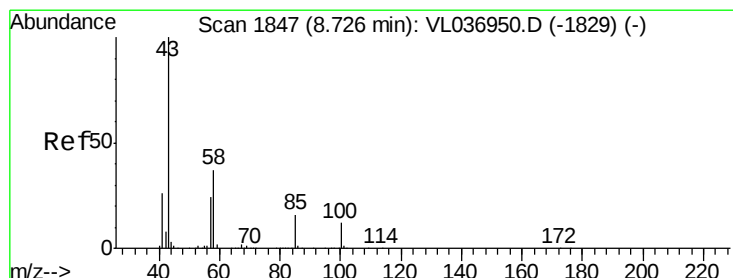
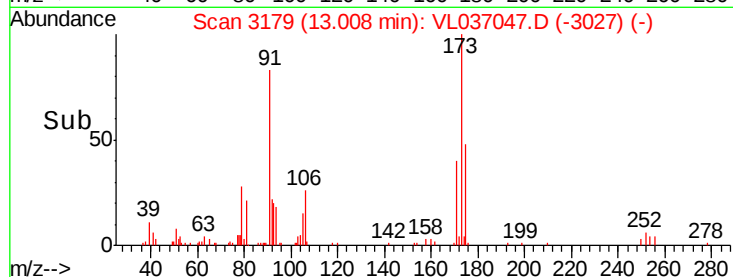
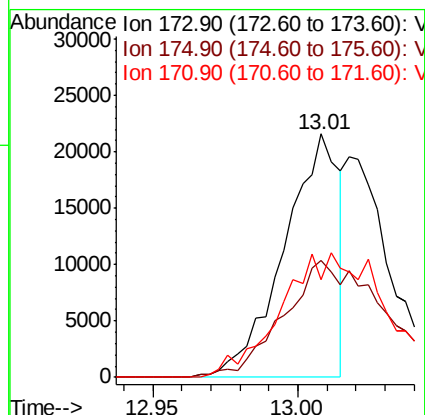
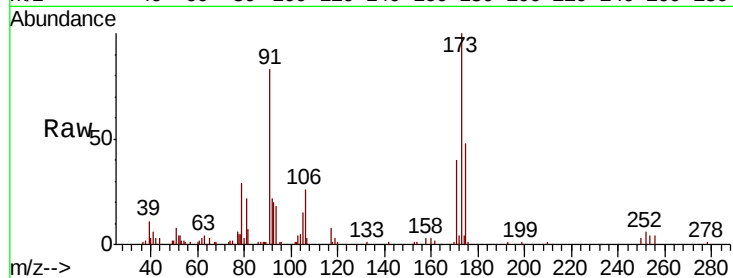
Tot Ion:173 Resp: 28386

Ion Ratio Lower Upper

173 100

175 96.4 40.4 60.6#

171 106.8 42.6 64.0#



#50

4-Methyl-2-Pentanone

Concen: 0.302 ppbv

RT: 8.75 min Scan# 1854

Delta R.T. 0.02 min

Lab File: VL037047.D

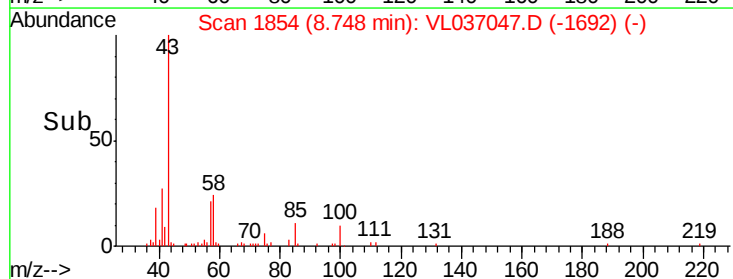
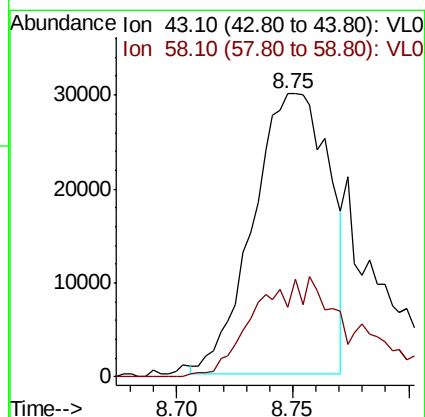
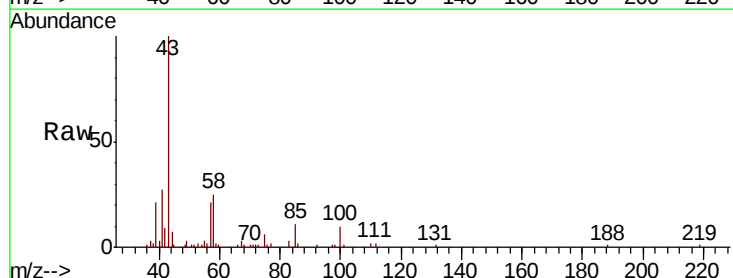
Acq: 24 May 2021 14:19

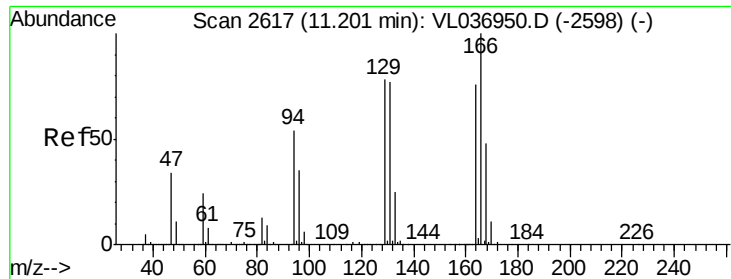
Tgt Ion: 43 Resp: 67957

Ion Ratio Lower Upper

43 100

58 54.6 29.4 44.2#





#52

Tetrachloroethene

Concen: 0.544 ppbv

RT: 11.19 min Scan# 2615

Delta R.T. -0.01 min

Lab File: VL037047.D

Acq: 24 May 2021 14:19

Instrument :

MSVOA_L

ClientSampleId :

Tot Ion:164 Resp: 69854

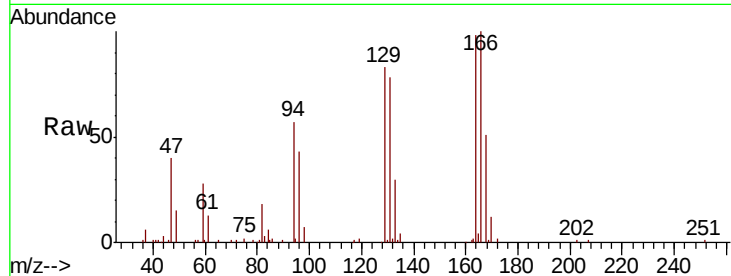
Ion Ratio Lower Upper

164 100

166 102.0 105.5 158.3#

129 84.6 81.8 122.8

131 79.2 81.2 121.8#

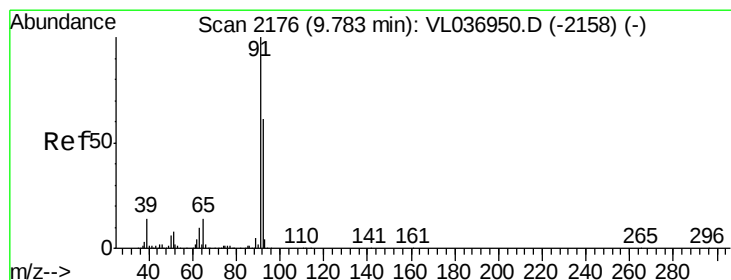
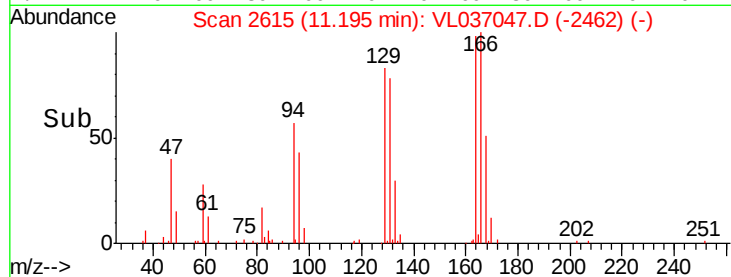
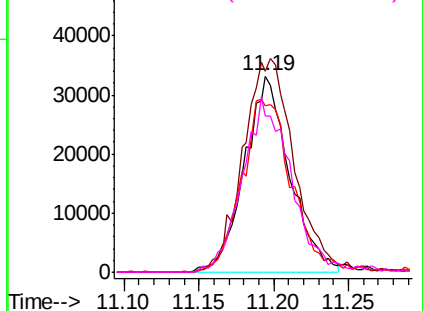


Abundance Ion 163.90 (163.60 to 164.60): V

Ion 165.90 (165.60 to 166.60): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V



#53

Toluene

Concen: 0.234 ppbv

RT: 9.78 min Scan# 2174

Delta R.T. -0.01 min

Lab File: VL037047.D

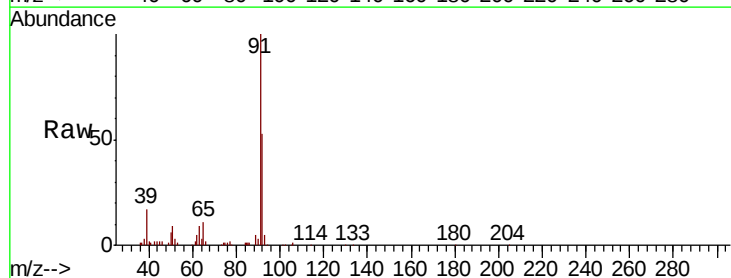
Acq: 24 May 2021 14:19

Tgt Ion: 91 Resp: 89729

Ion Ratio Lower Upper

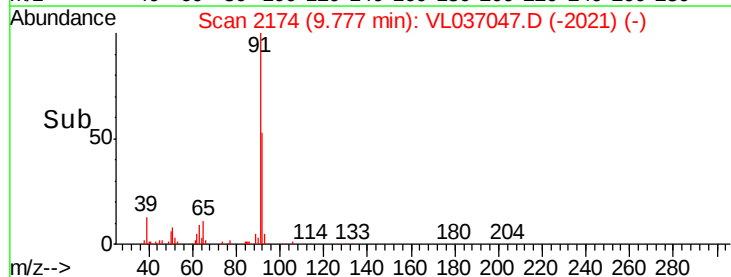
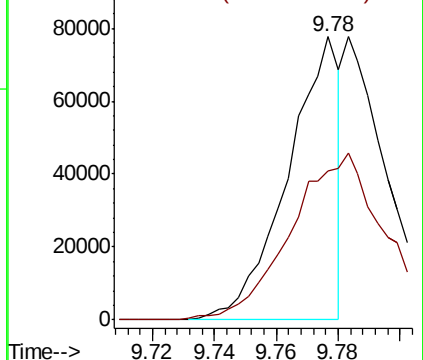
91 100

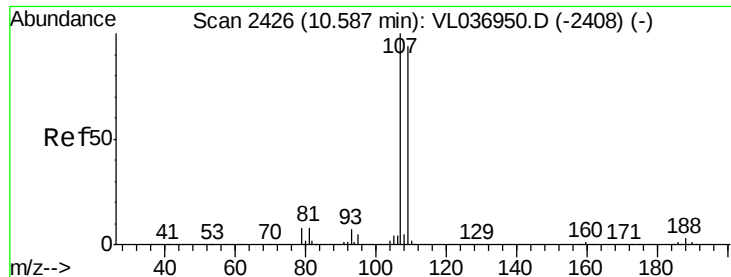
92 0.0 49.5 74.3#



Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 92.10 (91.80 to 92.80): VL0

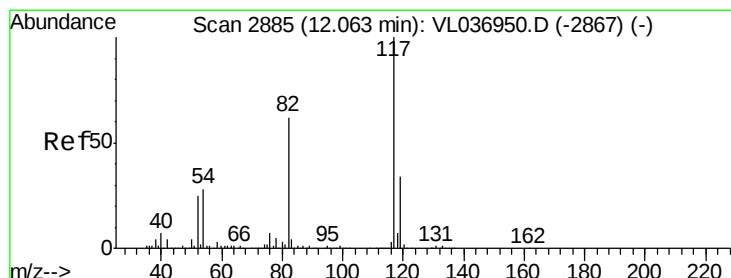
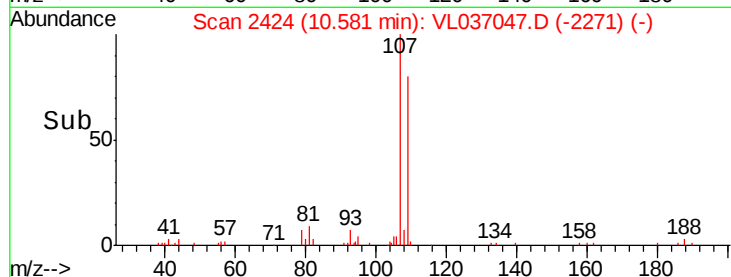
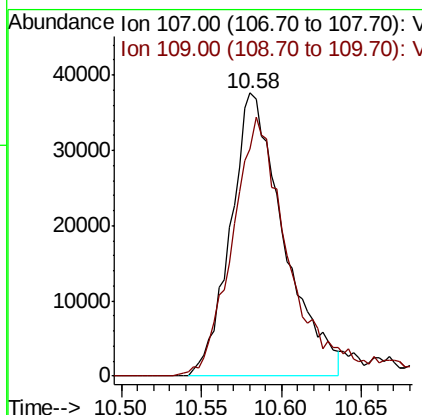
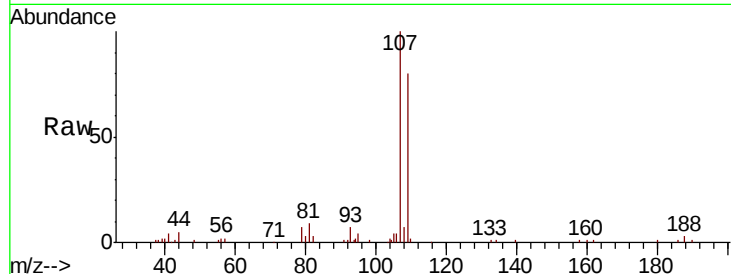




#54
 1,2-Dibromoethane
 Concen: 0.463 ppbv
 RT: 10.58 min Scan# 2424
 Delta R.T. -0.01 min
 Lab File: VL037047.D
 Acq: 24 May 2021 14:19

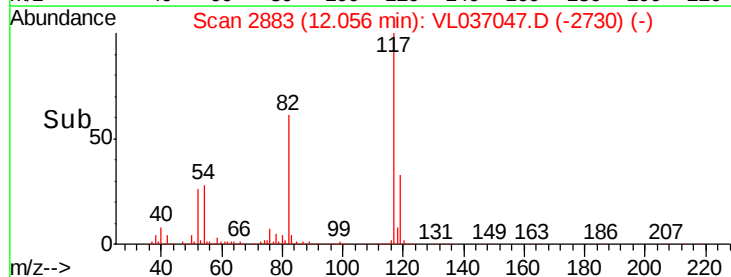
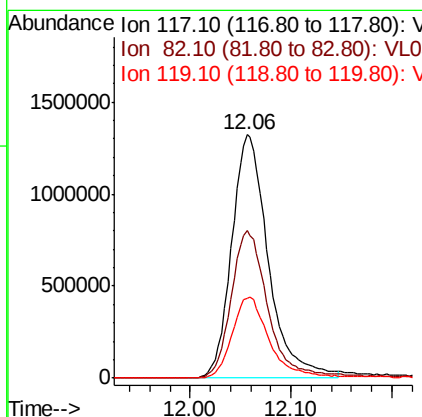
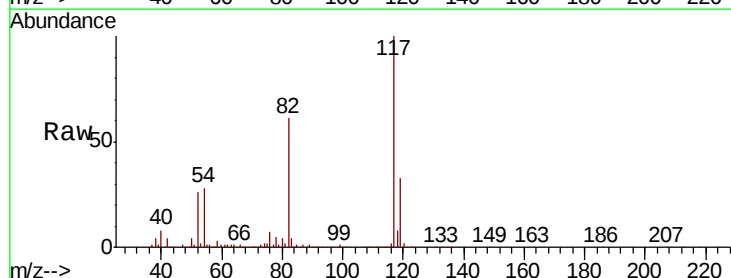
Instrument :
 MSVOA_L
 ClientSampleId :

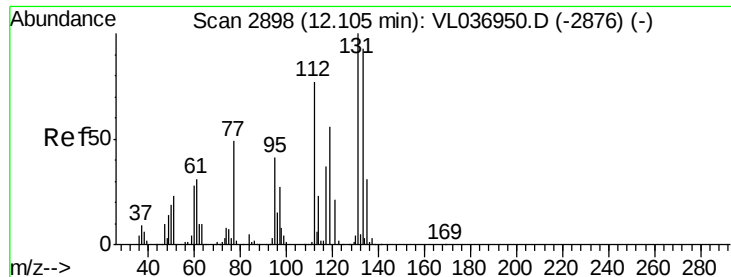
Tot Ion:107 Resp: 85637
 Ion Ratio Lower Upper
 107 100
 109 78.7 75.0 112.4



#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 12.06 min Scan# 2883
 Delta R.T. -0.01 min
 Lab File: VL037047.D
 Acq: 24 May 2021 14:19

Tgt Ion:117 Resp: 3342430
 Ion Ratio Lower Upper
 117 100
 82 61.7 52.6 79.0
 119 35.3 46.6 70.0#

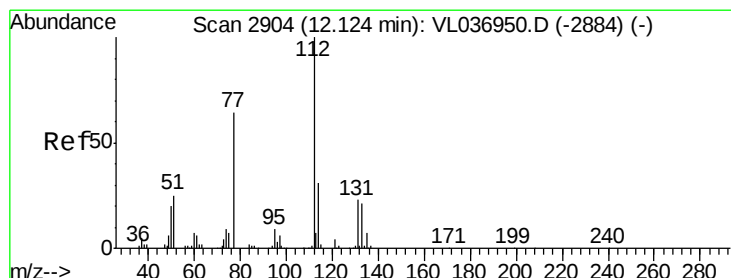
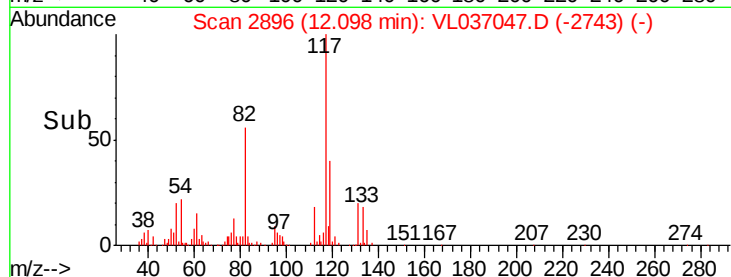
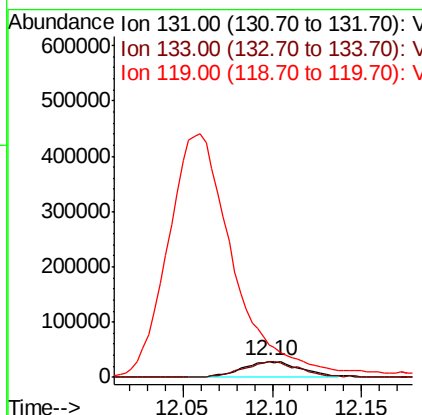
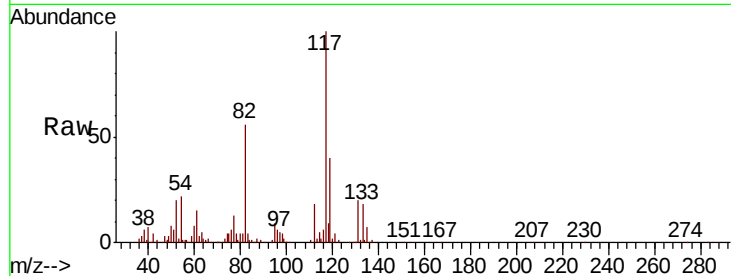




#56
 1,1,1,2-Tetrachloroethane
 Concen: 0.465 ppbv
 RT: 12.10 min Scan# 2896
 Delta R.T. -0.01 min
 Lab File: VL037047.D
 Acq: 24 May 2021 14:19

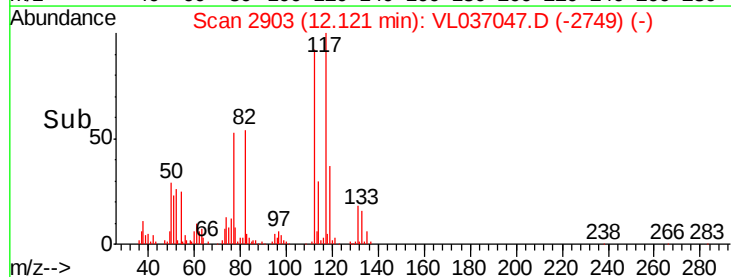
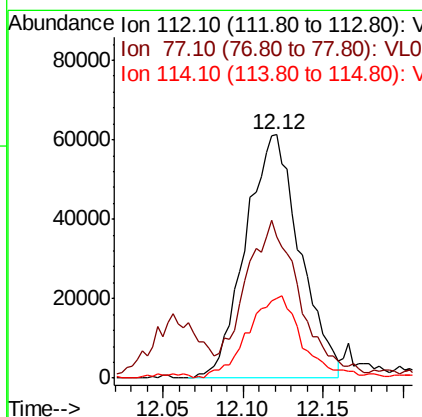
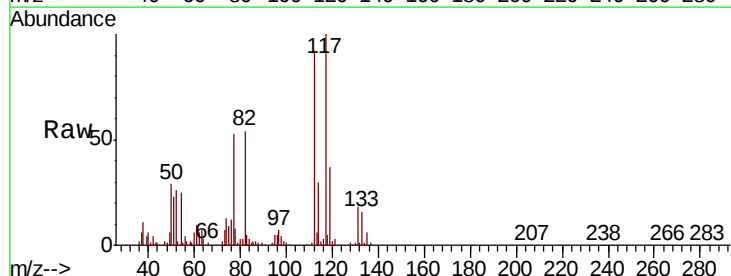
Instrument :
 MSVOA_L
 ClientSampled :

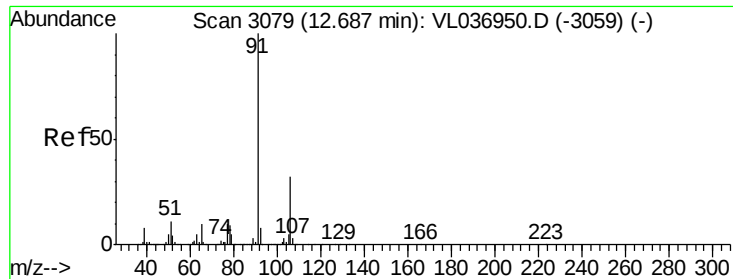
Tot Ion:131 Resp: 65447
 Ion Ratio Lower Upper
 131 100
 133 101.7 76.9 115.3
 119 1804.1 120.2 180.4#



#57
 Chlorobenzene
 Concen: 0.554 ppbv
 RT: 12.12 min Scan# 2903
 Delta R.T. -0.00 min
 Lab File: VL037047.D
 Acq: 24 May 2021 14:19

Tgt Ion:112 Resp: 143470
 Ion Ratio Lower Upper
 112 100
 77 50.7 51.0 76.6#
 114 31.2 28.3 34.5





#58

Ethyl Benzene

Concen: 0.508 ppbv

RT: 12.68 min Scan# 3078

Delta R.T. -0.00 min

Lab File: VL037047.D

Acq: 24 May 2021 14:19

Instrument :

MSVOA_L

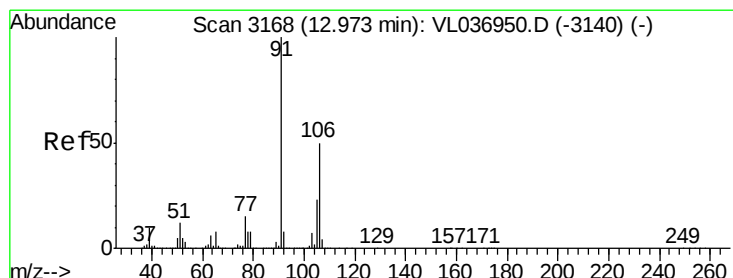
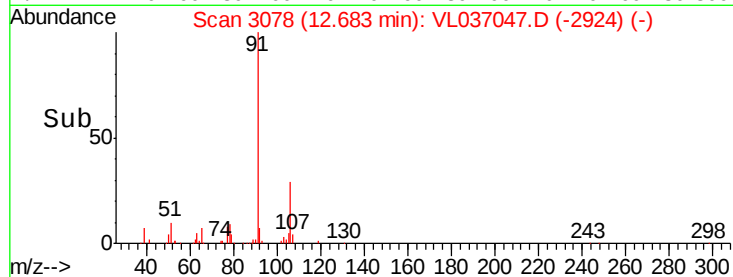
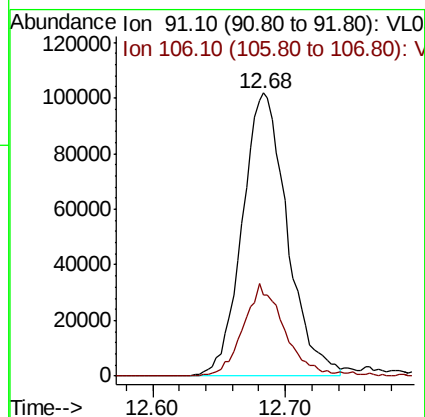
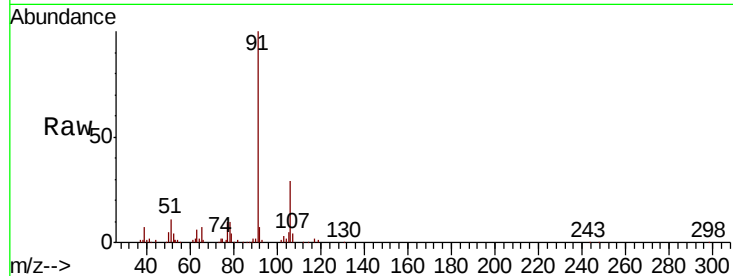
ClientSampleId :

Tot Ion: 91 Resp: 239749

Ion Ratio Lower Upper

91 100

106 28.7 25.6 38.4



#59

m/p-Xylene

Concen: 0.130 ppbv

RT: 12.96 min Scan# 3165

Delta R.T. -0.01 min

Lab File: VL037047.D

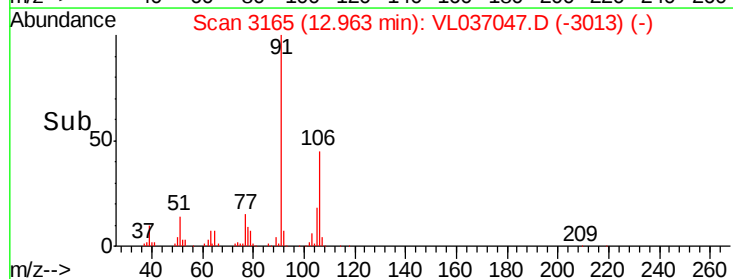
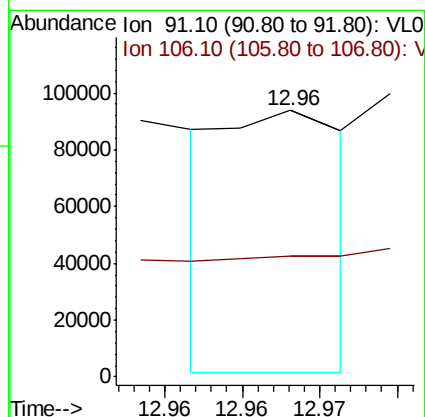
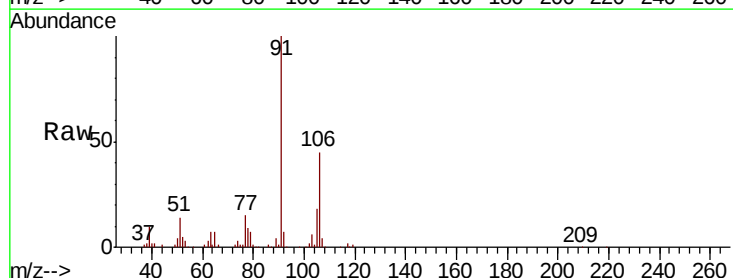
Acq: 24 May 2021 14:19

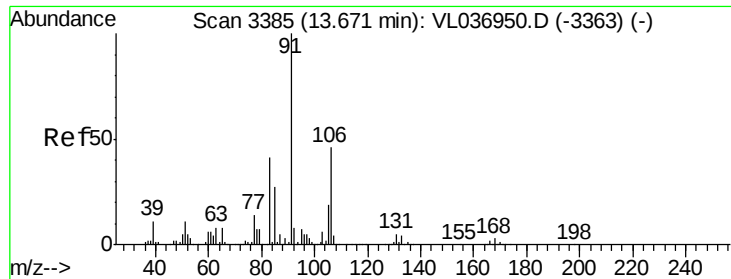
Tgt Ion: 91 Resp: 50765

Ion Ratio Lower Upper

91 100

106 0.0 37.4 56.2#

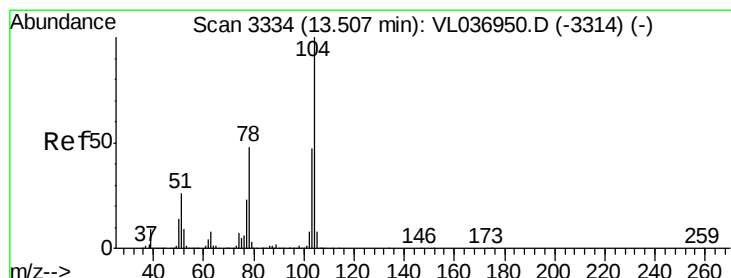
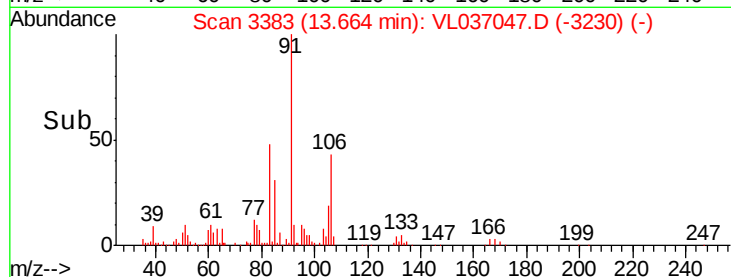
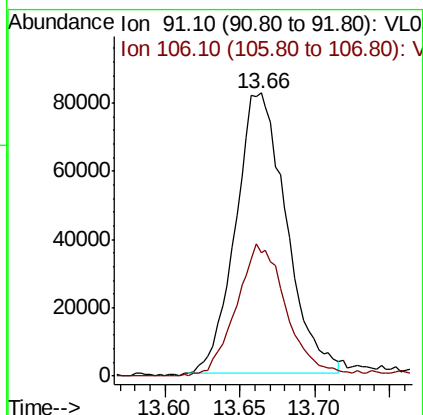
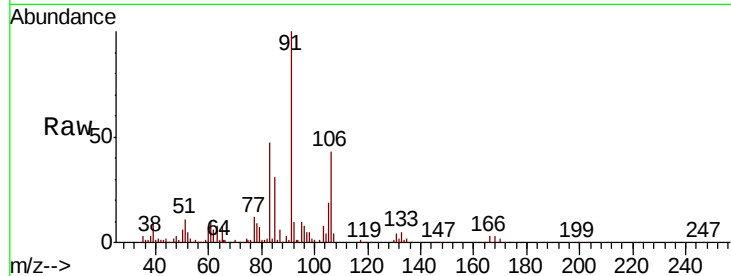




#60
o-Xylene
Concen: 0.522 ppbv
RT: 13.66 min Scan# 3383
Delta R.T. -0.01 min
Lab File: VL037047.D
Acq: 24 May 2021 14:19

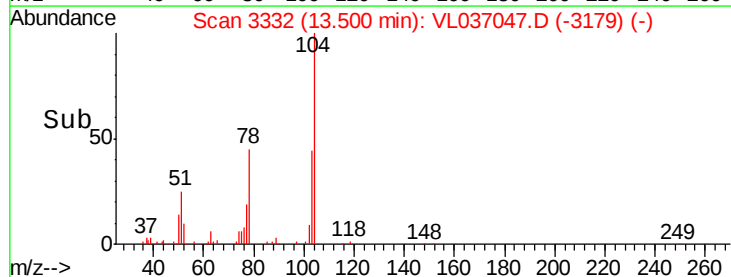
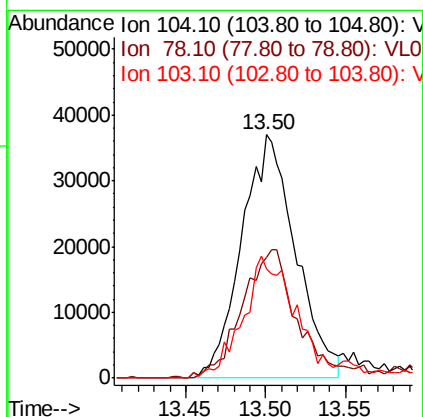
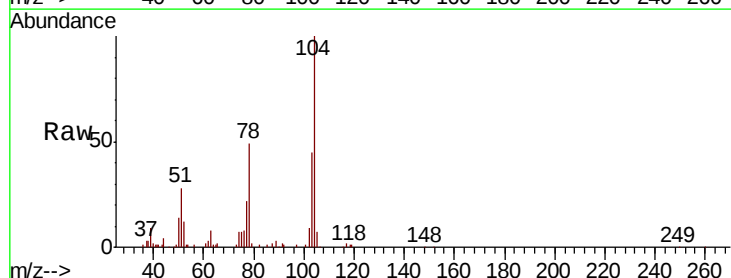
Instrument :
MSVOA_L
ClientSampled :

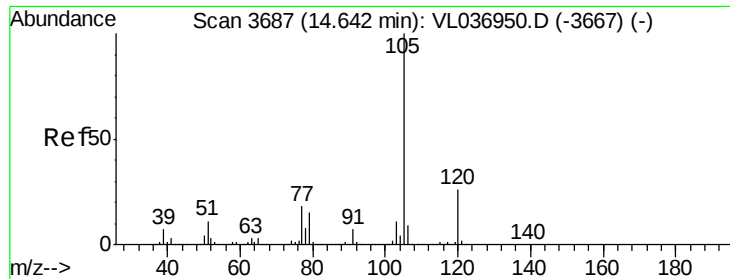
Tot Ion: 91 Resp: 194103
Ion Ratio Lower Upper
91 100
106 48.4 23.4 70.3



#61
Styrene
Concen: 0.409 ppbv
RT: 13.50 min Scan# 3332
Delta R.T. -0.01 min
Lab File: VL037047.D
Acq: 24 May 2021 14:19

Tgt Ion: 104 Resp: 85590
Ion Ratio Lower Upper
104 100
78 56.4 39.0 58.6
103 53.5 38.0 57.0





#62

Isopropylbenzene

Concen: 0.532 ppbv

RT: 14.64 min Scan# 3687

Delta R.T. -0.00 min

Lab File: VL037047.D

Acq: 24 May 2021 14:19

Instrument :

MSVOA_L

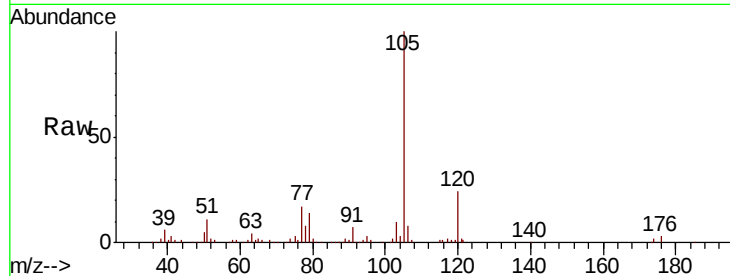
ClientSampled :

Tot Ion: 105 Resp: 284283

Ion Ratio Lower Upper

105 100

120 26.3 21.7 32.5



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V

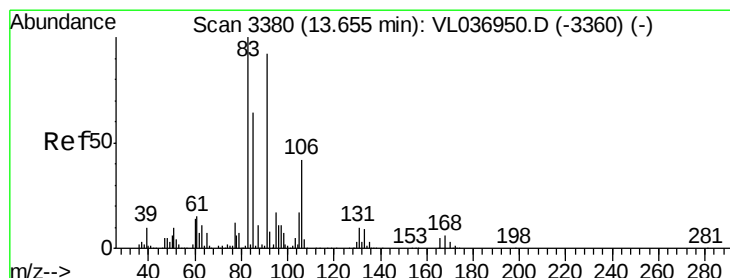
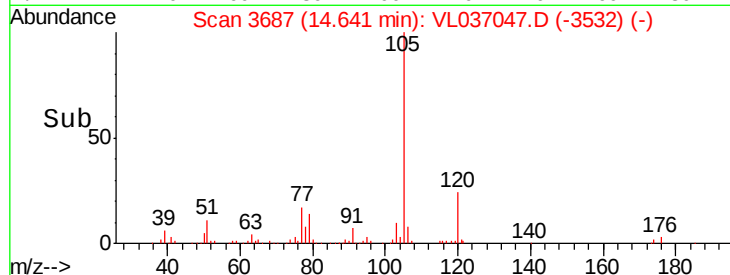
14.64

100000

50000

0

Time-->



#63

1,1,2,2-Tetrachloroethane

Concen: 0.458 ppbv

RT: 13.65 min Scan# 3380

Delta R.T. -0.00 min

Lab File: VL037047.D

Acq: 24 May 2021 14:19

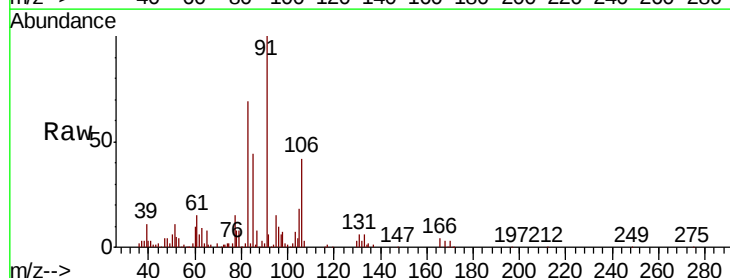
Tgt Ion: 83 Resp: 127144

Ion Ratio Lower Upper

83 100

131 12.8 5.0 15.0

85 73.7 32.9 98.6



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

60000

50000

40000

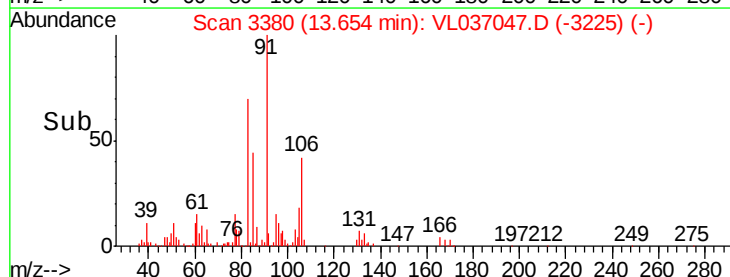
30000

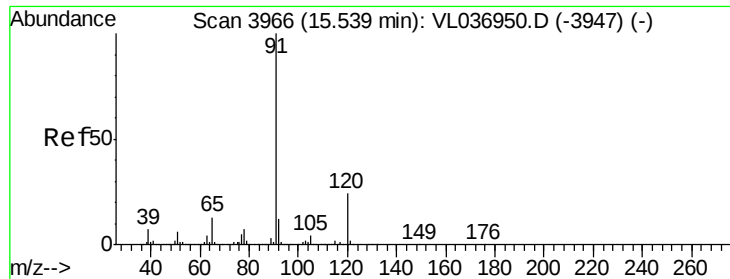
20000

10000

0

Time-->





#64

n-propylbenzene

Concen: 0.457 ppbv

RT: 15.54 min Scan# 3966

Delta R.T. -0.00 min

Lab File: VL037047.D

Acq: 24 May 2021 14:19

Instrument :

MSVOA_L

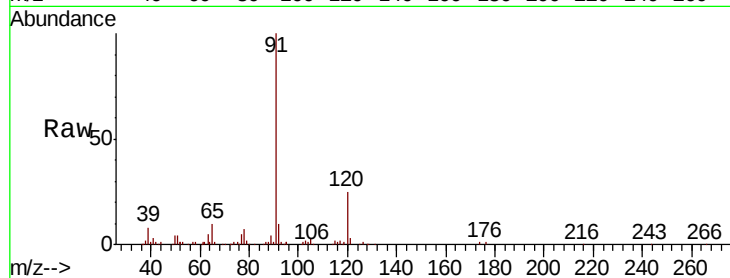
ClientSampleId :

Tot Ion:120 Resp: 62990

Ion Ratio Lower Upper

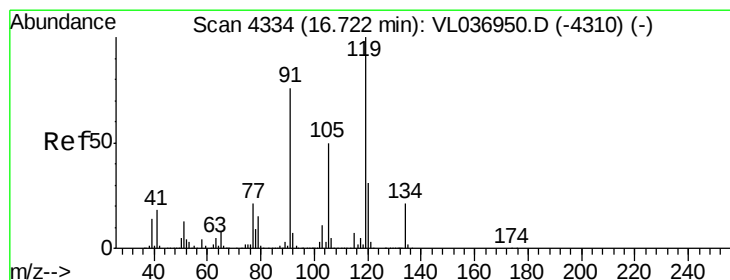
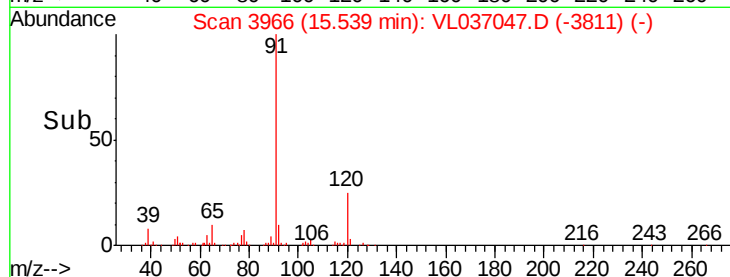
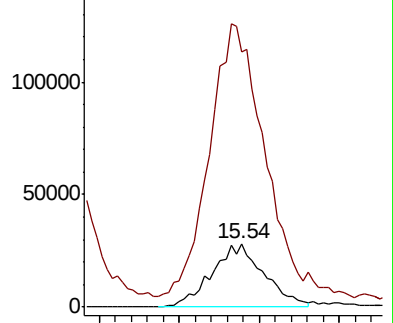
120 100

91 523.3 343.8 515.6#



Abundance Ion 120.20 (119.90 to 120.90): V

Ion 91.10 (90.80 to 91.80): VL0



#65

tert-Butylbenzene

Concen: 0.518 ppbv

RT: 16.72 min Scan# 4333

Delta R.T. -0.00 min

Lab File: VL037047.D

Acq: 24 May 2021 14:19

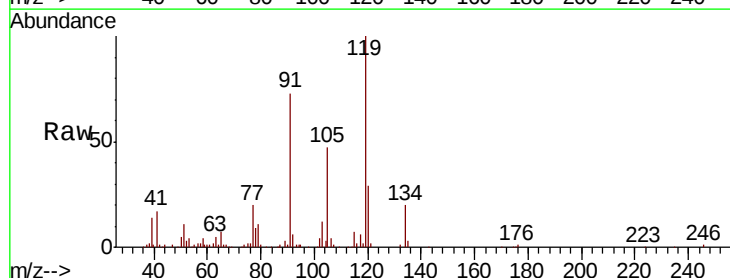
Tgt Ion:119 Resp: 249939

Ion Ratio Lower Upper

119 100

91 83.3 61.9 92.9

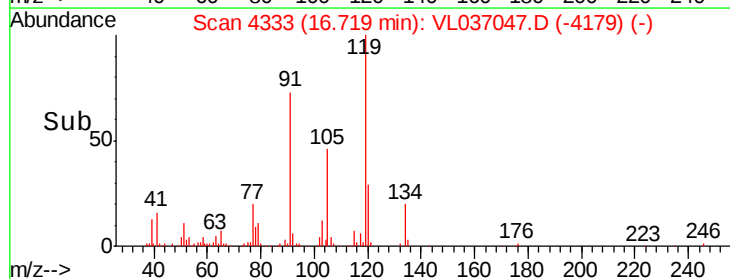
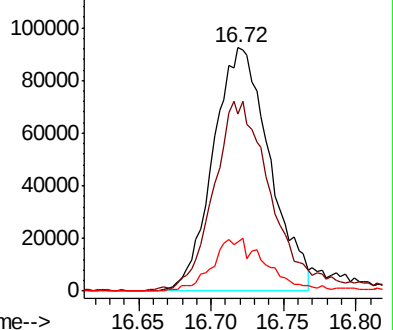
134 21.3 16.2 24.4

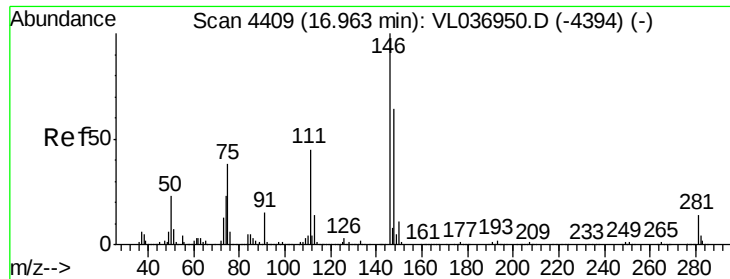


Abundance Ion 119.20 (118.90 to 119.90): V

Ion 91.10 (90.80 to 91.80): VL0

Ion 134.20 (133.90 to 134.90): V

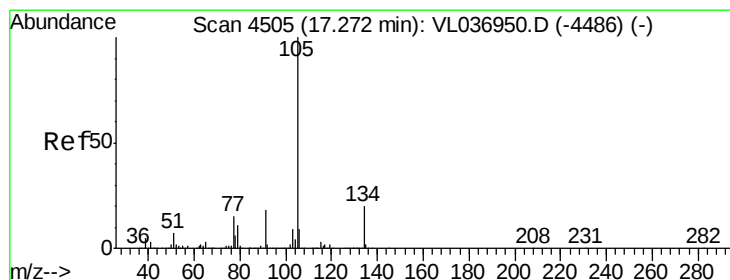
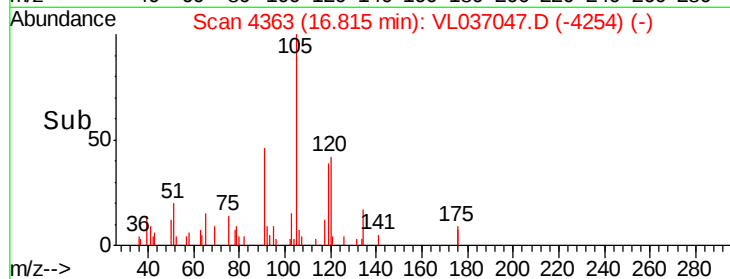
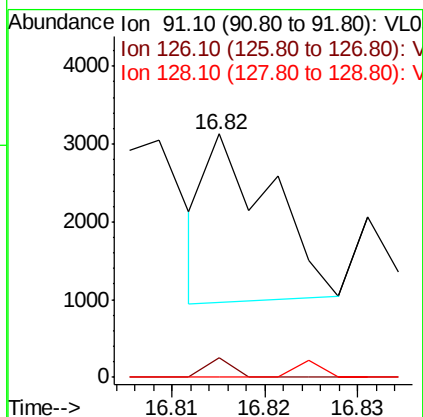
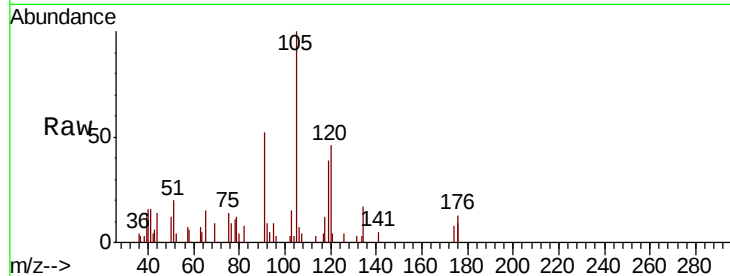




#66
Benzyl Chloride
Concen: 0.039 ppbv
RT: 16.82 min Scan# 4363
Delta R.T. -0.15 min
Lab File: VL037047.D
Acq: 24 May 2021 14:19

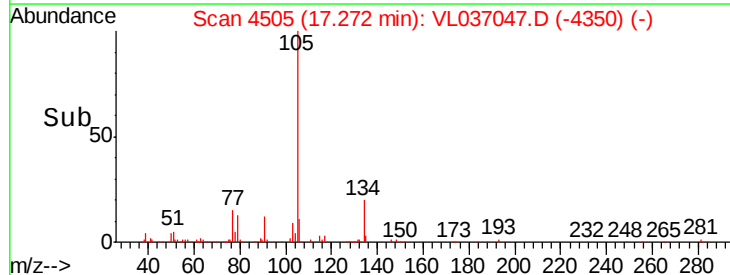
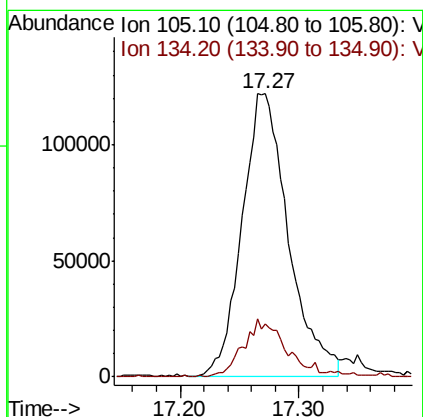
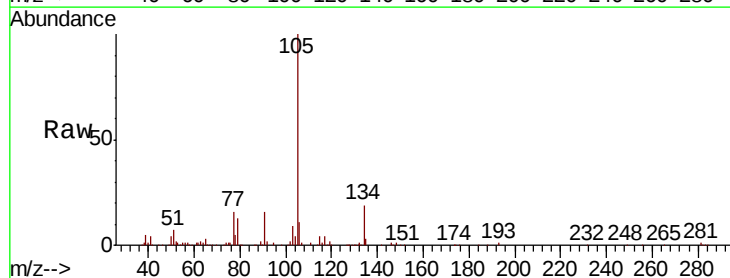
Instrument :
MSVOA_L
ClientSampleId :

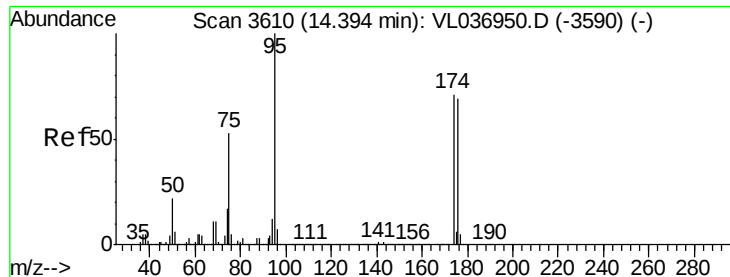
Tot Ion: 91 Resp: 1052
Ion Ratio Lower Upper
91 100
126 0.0 16.5 24.7#
128 20.5 5.5 8.3#



#67
sec-Butylbenzene
Concen: 0.497 ppbv
RT: 17.27 min Scan# 4505
Delta R.T. -0.00 min
Lab File: VL037047.D
Acq: 24 May 2021 14:19

Tgt Ion: 105 Resp: 327280
Ion Ratio Lower Upper
105 100
134 20.1 15.6 23.4

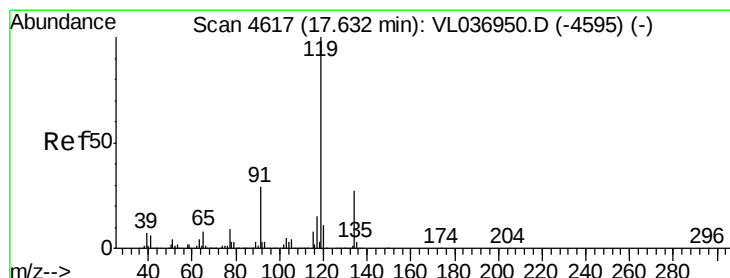
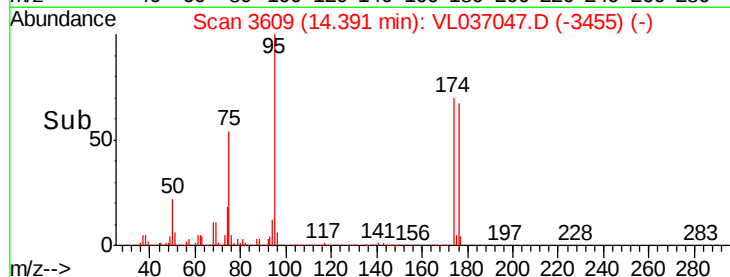
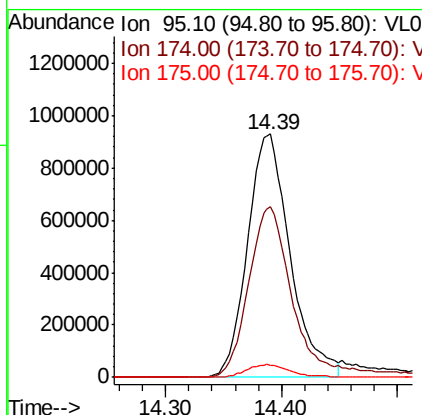
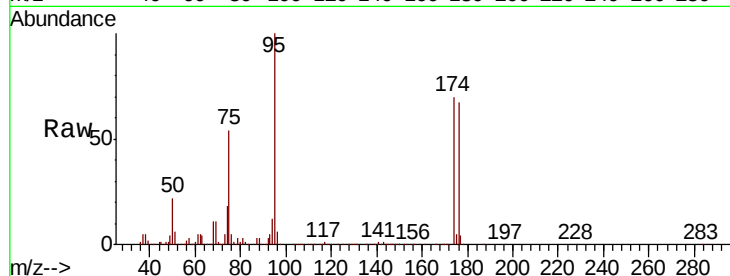




#68
1-Bromo-4-Fluorobenzene
Concen: 9.481 ppbv
RT: 14.39 min Scan# 3609
Delta R.T. -0.00 min
Lab File: VL037047.D
Acq: 24 May 2021 14:19

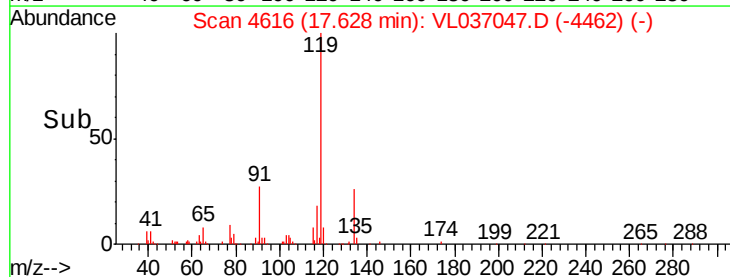
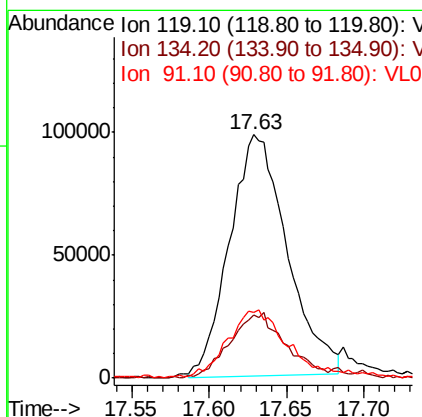
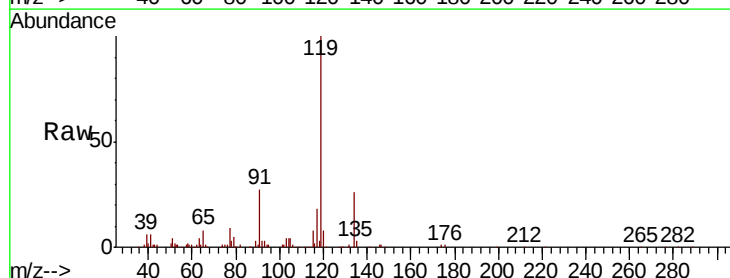
Instrument :
MSVOA_L
ClientSampleId :

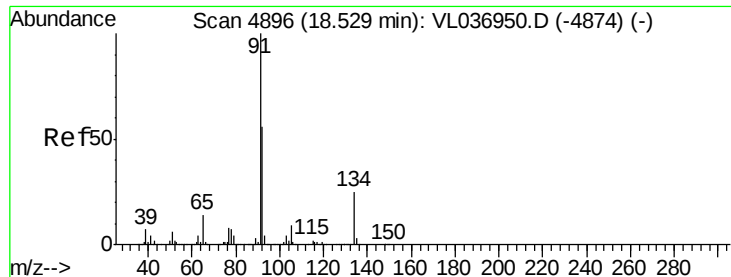
Tot Ion: 95 Resp: 2380697
Ion Ratio Lower Upper
95 100
174 76.3 58.4 87.6
175 5.5 4.4 6.6



#69
p-Isopropyltoluene
Concen: 0.452 ppbv
RT: 17.63 min Scan# 4616
Delta R.T. -0.00 min
Lab File: VL037047.D
Acq: 24 May 2021 14:19

Tgt Ion: 119 Resp: 255826
Ion Ratio Lower Upper
119 100
134 28.2 21.2 31.8
91 29.0 22.2 33.4

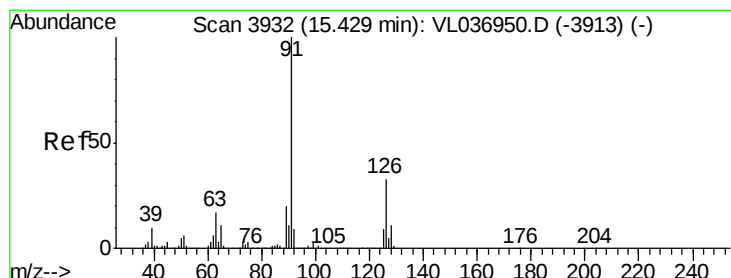
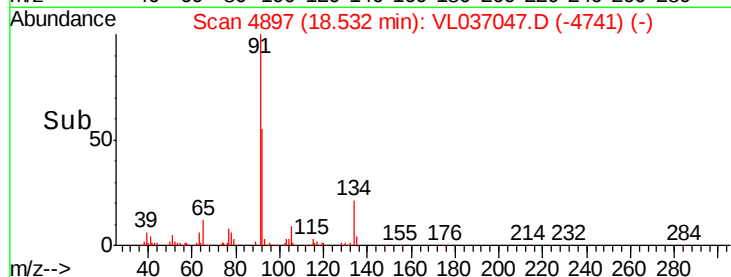
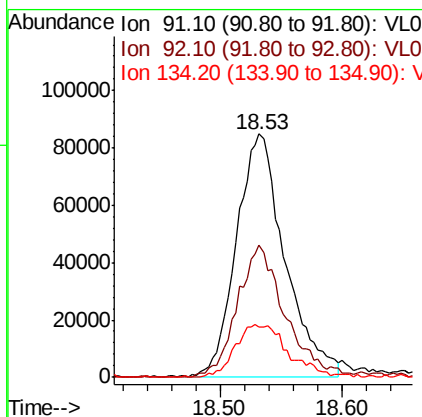
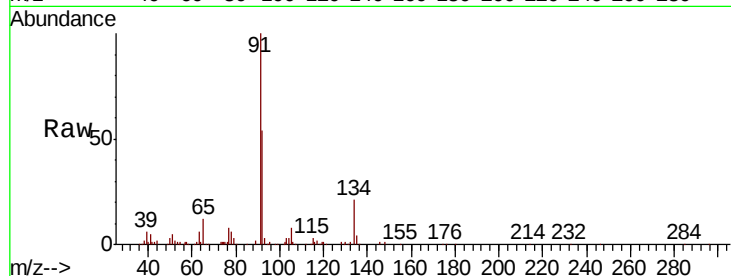




#70
n-Butylbenzene
Concen: 0.431 ppbv
RT: 18.53 min Scan# 4897
Delta R.T. 0.00 min
Lab File: VL037047.D
Acq: 24 May 2021 14:19

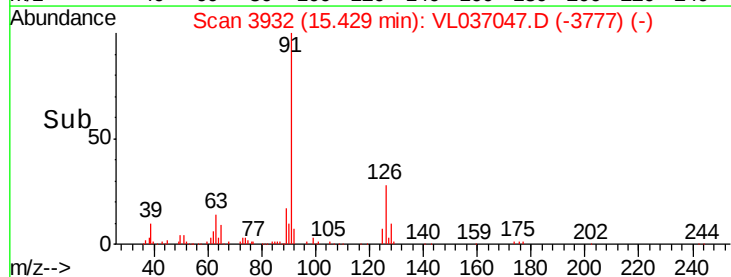
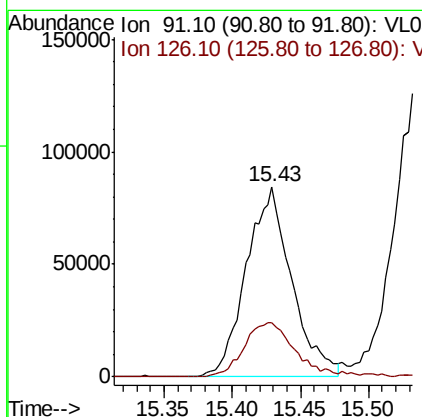
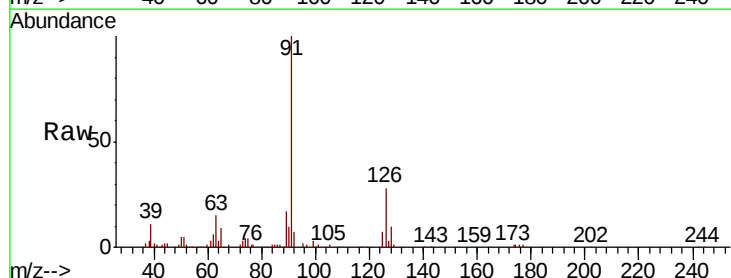
Instrument :
MSVOA_L
ClientSampled :

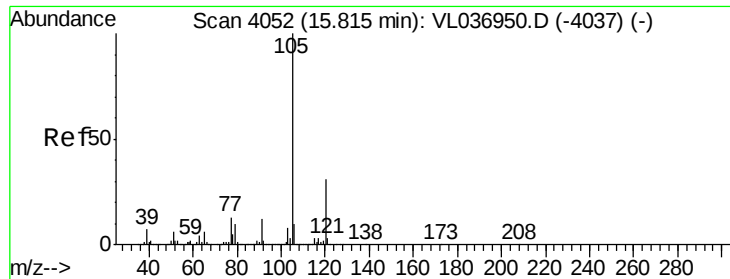
Tot Ion: 91 Resp: 231868
Ion Ratio Lower Upper
91 100
92 55.1 44.6 66.8
134 24.3 20.2 30.2



#71
2-Chlorotoluene
Concen: 0.506 ppbv
RT: 15.43 min Scan# 3932
Delta R.T. -0.00 min
Lab File: VL037047.D
Acq: 24 May 2021 14:19

Tgt Ion: 91 Resp: 195394
Ion Ratio Lower Upper
91 100
126 32.8 13.1 52.5





#72

4-Ethyltoluene

Concen: 0.454 ppbv

RT: 15.81 min Scan# 4050

Delta R.T. -0.01 min

Lab File: VL037047.D

Acq: 24 May 2021 14:19

Instrument :

MSVOA_L

ClientSampleId :

Tot Ion:105 Resp: 200342

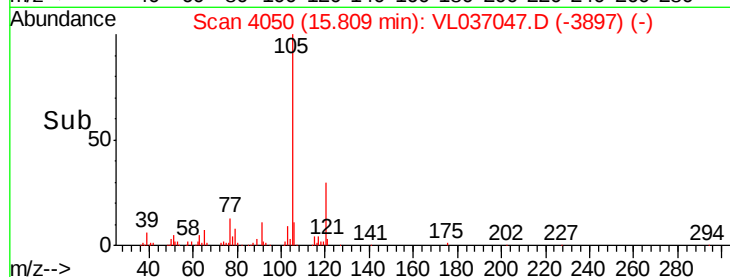
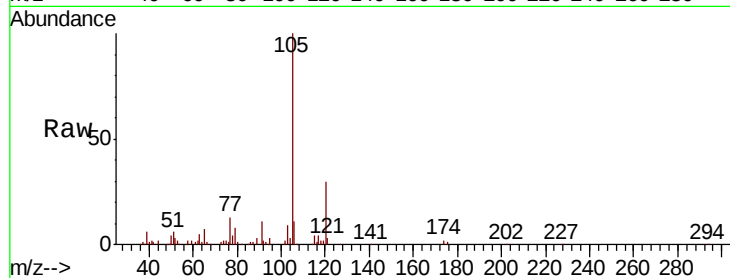
Ion Ratio Lower Upper

105 100

120 30.2 24.6 37.0

91 14.9 9.8 14.6#

77 15.9 10.4 15.6#

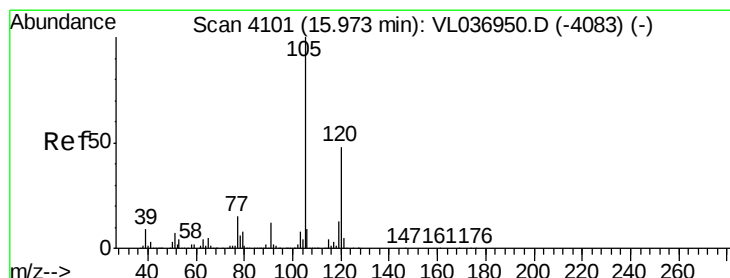
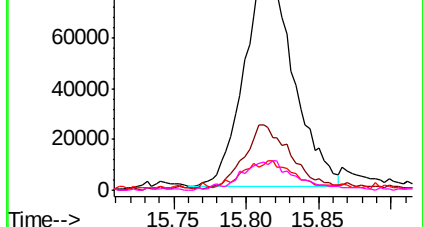


Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V

Ion 91.10 (90.80 to 91.80): VL0

Ion 77.10 (76.80 to 77.80): VL0



#73

1,3,5-Trimethylbenzene

Concen: 0.202 ppbv

RT: 15.97 min Scan# 4099

Delta R.T. -0.01 min

Lab File: VL037047.D

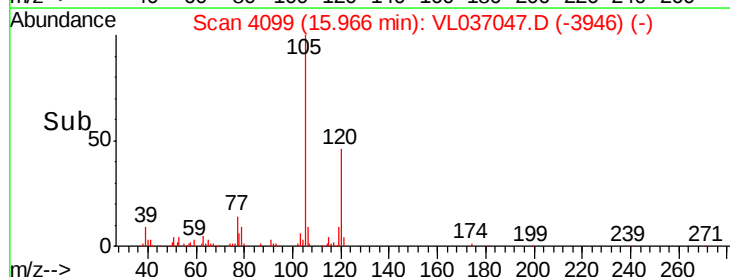
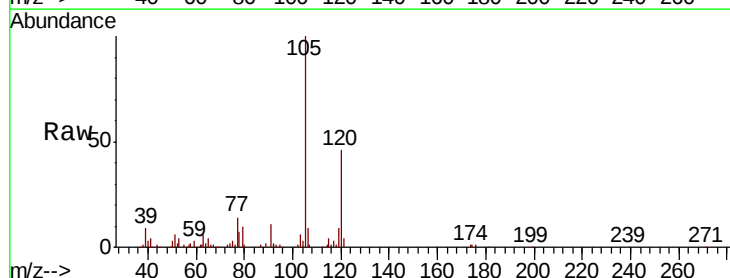
Acq: 24 May 2021 14:19

Tgt Ion:105 Resp: 83562

Ion Ratio Lower Upper

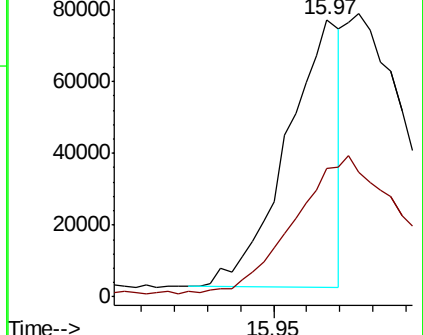
105 100

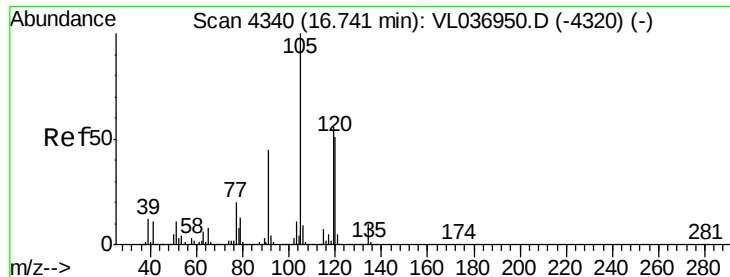
120 46.4 38.6 58.0



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V





#74

1,2,4-Trimethylbenzene

Concen: 0.473 ppbv

RT: 16.74 min Scan# 4339

Delta R.T. -0.00 min

Lab File: VL037047.D

Acq: 24 May 2021 14:19

Instrument :

MSVOA_L

ClientSampleId :

Tot Ion:105 Resp: 202893

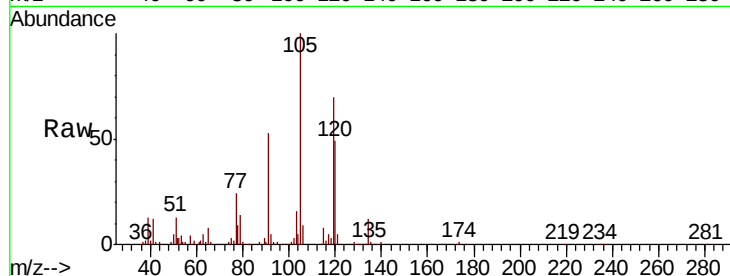
Ion Ratio Lower Upper

105 100

120 48.7 40.6 61.0

91 51.8 37.4 56.0

77 23.2 16.2 24.4

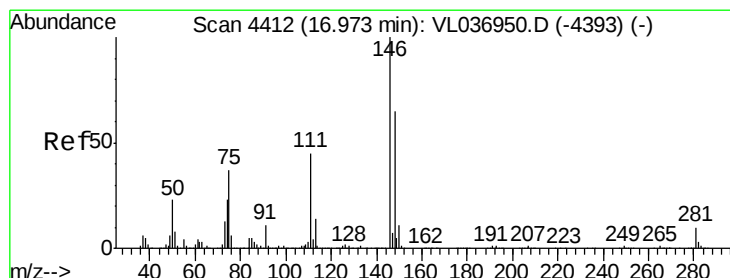
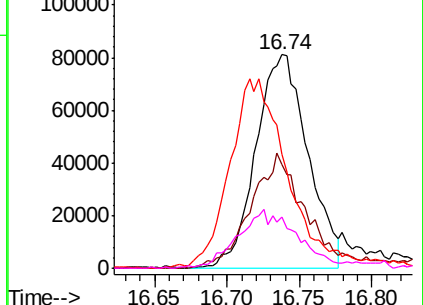
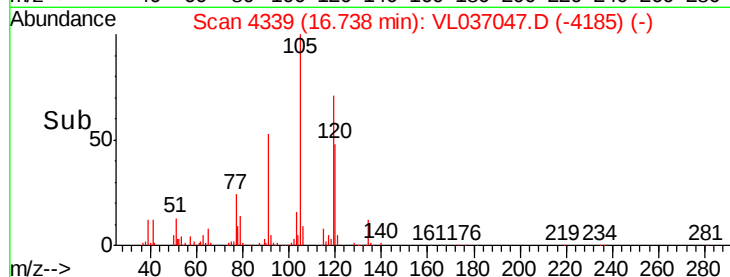


Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V

Ion 91.10 (90.80 to 91.80): VL0

Ion 77.10 (76.80 to 77.80): VL0



#75

1,3-Dichlorobenzene

Concen: 0.222 ppbv

RT: 16.97 min Scan# 4410

Delta R.T. -0.01 min

Lab File: VL037047.D

Acq: 24 May 2021 14:19

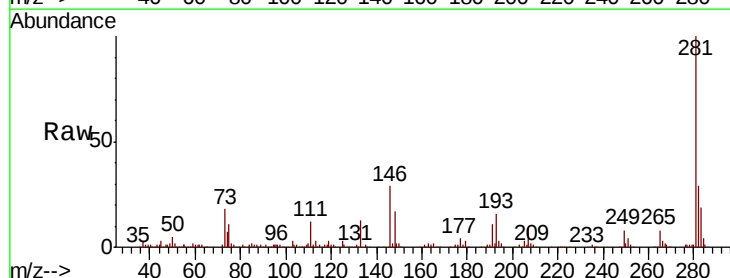
Tgt Ion:146 Resp: 58179

Ion Ratio Lower Upper

146 100

111 0.0 22.2 66.6#

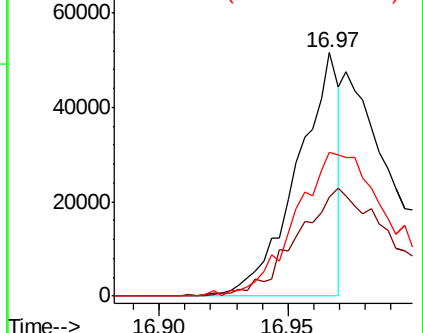
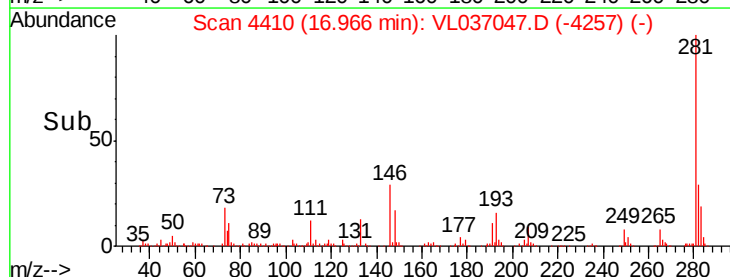
148 148.6 32.3 96.8#

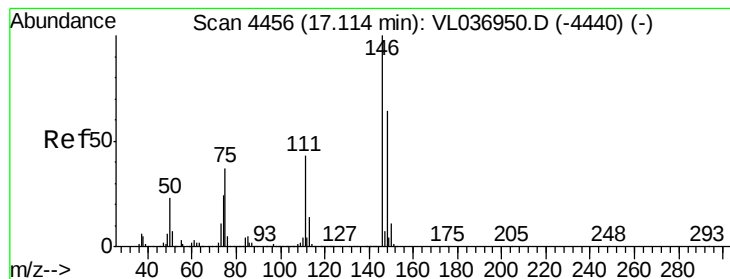


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.10 (110.80 to 111.80): V

Ion 148.00 (147.70 to 148.70): V





#76

1,4-Dichlorobenzene

Concen: 0.239 ppbv

RT: 17.11 min Scan# 4456

Delta R.T. -0.00 min

Lab File: VL037047.D

Acq: 24 May 2021 14:19

Instrument :

MSVOA_L

ClientSampled :

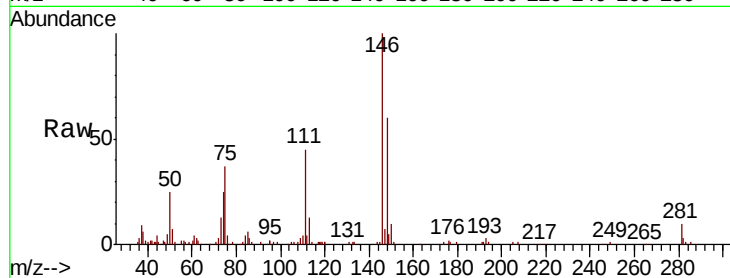
Tot Ion:146 Resp: 63270

Ion Ratio Lower Upper

146 100

111 87.9 22.6 67.7#

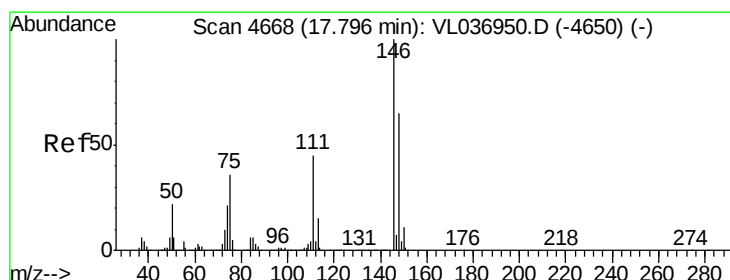
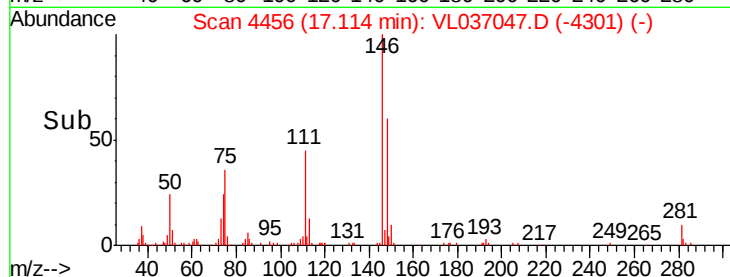
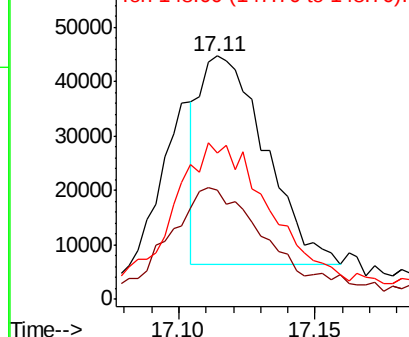
148 137.6 33.5 100.5#



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: 0.413 ppbv

RT: 17.79 min Scan# 4667

Delta R.T. -0.00 min

Lab File: VL037047.D

Acq: 24 May 2021 14:19

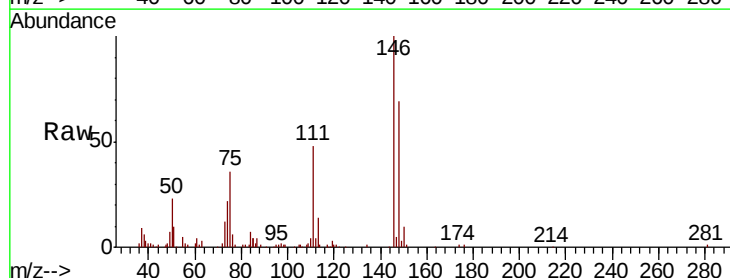
Tgt Ion:146 Resp: 108307

Ion Ratio Lower Upper

146 100

111 57.9 23.1 69.2

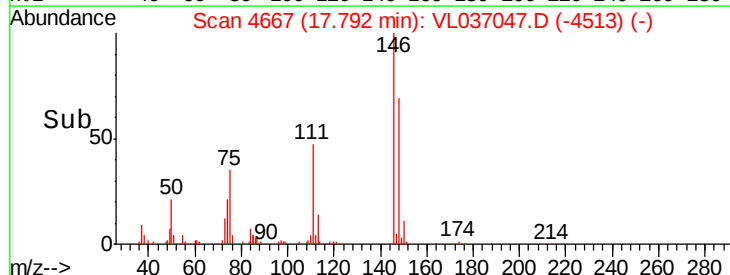
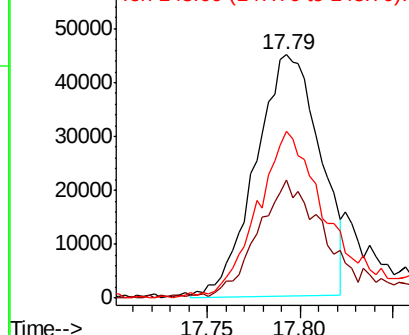
148 81.8 32.5 97.4

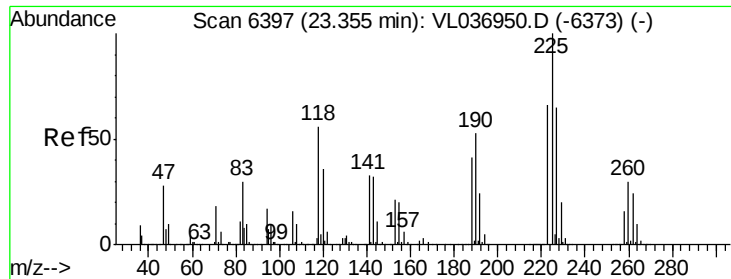


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.10 (110.80 to 111.80): V

Ion 148.00 (147.70 to 148.70): V

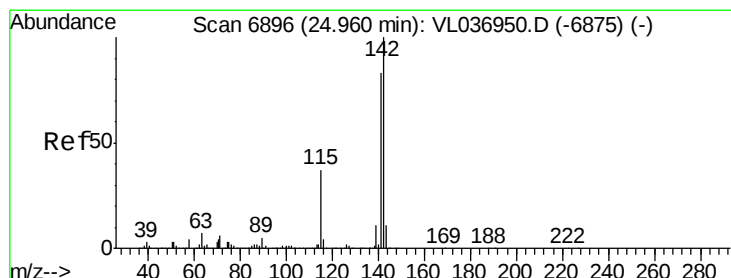
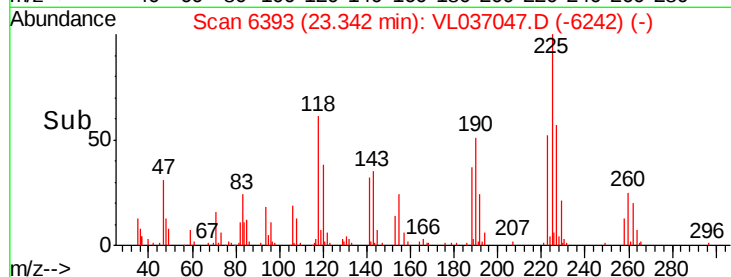
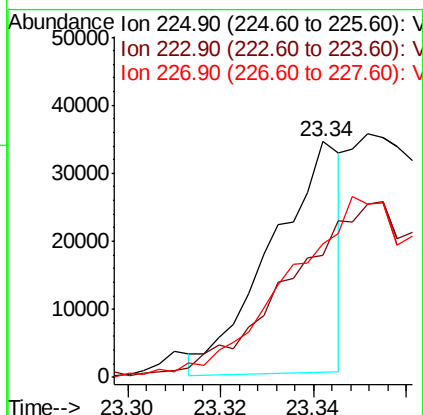
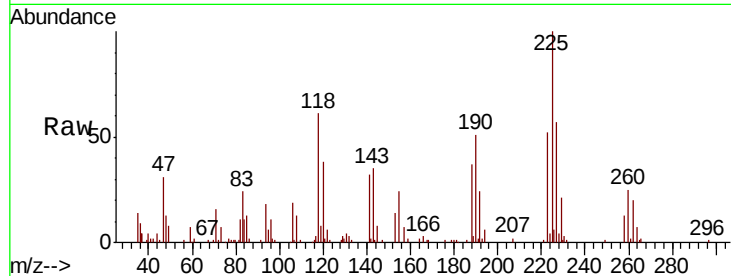




#78
 Hexachloro-1,3-Butadiene
 Concen: 0.167 ppbv
 RT: 23.34 min Scan# 6393
 Delta R.T. -0.01 min
 Lab File: VL037047.D
 Acq: 24 May 2021 14:19

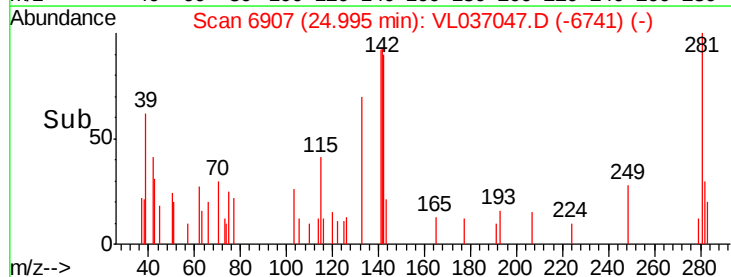
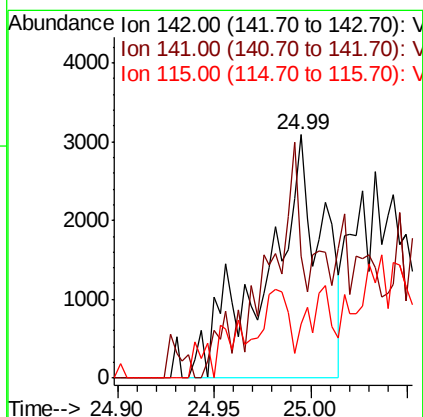
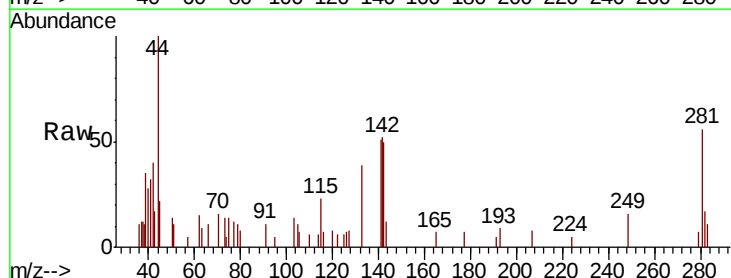
Instrument :
 MSVOA_L
 ClientSampled :

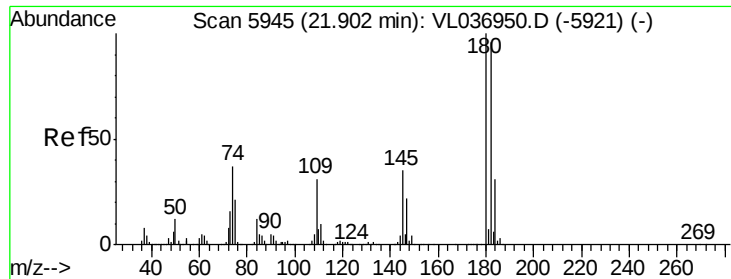
Tot Ion:225 Resp: 35170
 Ion Ratio Lower Upper
 225 100
 223 0.0 51.9 77.9#
 227 0.0 51.8 77.6#



#80
 Naphthalene, 2-methyl-
 Concen: 0.085 ppbv
 RT: 24.99 min Scan# 6907
 Delta R.T. 0.04 min
 Lab File: VL037047.D
 Acq: 24 May 2021 14:19

Tgt Ion:142 Resp: 6180
 Ion Ratio Lower Upper
 142 100
 141 127.0 69.3 103.9#
 115 48.7 29.1 43.7#





#81
 1,2,4-Trichlorobenzene
 Concen: 0.161 ppbv
 RT: 21.90 min Scan# 5946
 Delta R.T. 0.00 min
 Lab File: VL037047.D
 Acq: 24 May 2021 14:19

Instrument :
 MSVOA_L
 ClientSampleId :

Tot Ion:180 Resp: 32991
 Ion Ratio Lower Upper
 180 100
 182 208.2 81.7 122.5#
 184 0.0 24.9 37.3#

