

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL030121\
 Data File : VL036417.D
 Acq On : 1 Mar 2021 16:38
 Operator : SY/AP
 Sample : M1458-13 0.45L0D
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Mar 02 02:41:26 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL021021AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Feb 10 16:04:02 2021
 QLast Update : Wed Feb 10 16:04:02 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.68	49	1791661	10.00	ppbv	0.04
33) 1,4-Difluorobenzene	7.20	114	3784068	10.00	ppbv	0.04
55) Chlorobenzene-d5	12.11	117	3389990	10.00	ppbv	0.05

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.44	95	2798973	10.04	ppbv	0.05
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.40%

Target Compounds					Ovalue
2) Dichlorodifluoromethane	3.06	85	125994	0.471 ppbv	99
3) Chlorodifluoromethane	3.00	51	108344	0.487 ppbv	98
4) Chloromethane	3.16	50	53670	0.499 ppbv	89
5) Vinyl Chloride	3.27	62	37709	0.377 ppbv	89
6) Bromomethane	3.49	94	12793	0.215 ppbv	82
7) Chloroethane	3.57	64	15109	0.425 ppbv	91
8) Dichlorotetrafluoroethane	3.20	85	119182	0.490 ppbv	91
9) Propene	3.02	41	41463	0.500 ppbv	94
10) Heptane	8.15	43	91196	0.373 ppbv	100
11) Trichlorofluoromethane	3.97	101	117587	0.449 ppbv	96
12) 1,1,2-Trichlorotrifluoroet	4.50	101	80572	0.497 ppbv	96
13) Ethanol	3.63	45	4239	0.272 ppbv #	32
14) Bromoethene	3.76	108	25126	0.370 ppbv #	76
15) Acetone	3.88	43	120615	0.551 ppbv #	88
16) 1,3-Butadiene	3.34	39	46768	0.447 ppbv	96
18) 1,1-Dichloroethene	4.30	96	11082	0.150 ppbv	93
21) Allyl Chloride	4.43	41	49465	0.406 ppbv	97
22) trans-1,2-Dichloroethene	4.94	96	2749	0.041 ppbv	89
23) Vinyl Acetate	5.09	43	77706	0.302 ppbv #	87
24) 1,1-Dichloroethane	5.03	63	83467	0.438 ppbv #	94
25) Ethyl Acetate	5.71	43	168021	0.397 ppbv	97
26) Hexane	5.70	57	67717	0.390 ppbv #	83
27) Carbon Disulfide	4.57	76	32214	0.202 ppbv #	59
28) Methyl tert-Butyl Ether	5.06	73	69416	0.306 ppbv #	81
29) Chloroform	5.77	83	123317	0.441 ppbv	98
30) Cyclohexane	7.15	84	28125	0.195 ppbv #	49
31) cis-1,2-Dichloroethene	5.56	61	30360	0.177 ppbv	94
32) 1,1,1-Trichloroethane	6.53	97	111188	0.425 ppbv	95
34) 2-Butanone	5.27	43	44154	0.176 ppbv #	38
35) Carbon Tetrachloride	7.04	117	115283	0.455 ppbv #	88
36) Benzene	6.91	78	129545	0.403 ppbv	92
37) 1,2-Dichloroethane	6.32	62	91564	0.461 ppbv #	96
38) Trichloroethene	7.86	130	27884	0.242 ppbv	90
39) 1,2-Dichloropropane	7.63	63	21858	0.167 ppbv #	87
41) Tetrahydrofuran	6.09	42	25977	0.185 ppbv #	50
42) Bromodichloromethane	7.81	83	119256	0.448 ppbv #	94
43) Methyl Methacrylate	8.03	69	17025	0.126 ppbv #	1
44) 2,2,4-Trimethylpentane	7.89	57	252767	0.432 ppbv	92
45) t-1,3-Dichloropropene	9.30	75	31528	0.241 ppbv	100
46) cis-1,3-Dichloropropene	8.73	75	39197	0.236 ppbv	92
47) 1,1,2-Trichloroethane	9.50	97	51841	0.388 ppbv	89

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 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

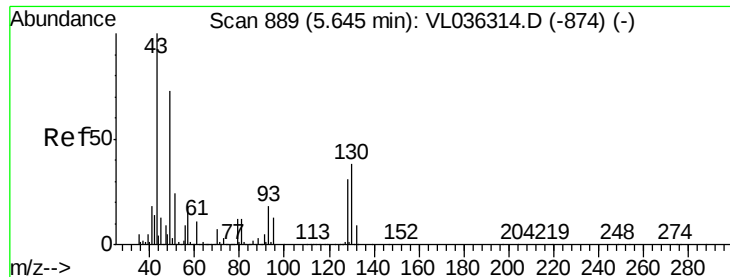
Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Mar 02 02:41:26 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL021021AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Feb 10 16:04:02 2021
 QLast Update : Wed Feb 10 16:04:02 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

48) Dibromochloromethane	10.33	129	78765	0.395	ppbv	96
50) 4-Methyl-2-Pentanone	8.78	43	64034	0.172	ppbv #	32
51) 2-Hexanone	10.18	43	53072	0.187	ppbv #	69
52) Tetrachloroethene	11.25	164	41921	0.356	ppbv	90
53) Toluene	9.83	91	120350	0.346	ppbv	99
54) 1,2-Dibromoethane	10.64	107	82367	0.427	ppbv	97
56) 1,1,1,2-Tetrachloroethane	12.15	131	74698	0.479	ppbv #	1
57) Chlorobenzene	12.18	112	54051	0.206	ppbv	95
58) Ethyl Benzene	12.74	91	174802	0.377	ppbv	96
59) m/p-Xylene	13.02	91	111380	0.273	ppbv #	33
60) o-Xylene	13.72	91	99916	0.256	ppbv #	51
61) Styrene	13.55	104	66530	0.275	ppbv	90
62) Isopropylbenzene	14.69	105	263904	0.452	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.70	83	147741	0.480	ppbv	100
64) n-propylbenzene	15.59	120	58016	0.403	ppbv	66
65) tert-Butylbenzene	16.77	119	206198	0.412	ppbv	89
66) Benzyl Chloride	17.03	91	10317	0.076	ppbv #	68
67) sec-Butylbenzene	17.33	105	298060	0.413	ppbv	99
69) p-Isopropyltoluene	17.69	119	100055	0.180	ppbv #	34
70) n-Butylbenzene	18.59	91	112041	0.187	ppbv #	33
71) 2-Chlorotoluene	15.48	91	90087	0.201	ppbv #	46
72) 4-Ethyltoluene	15.87	105	80939	0.187	ppbv #	53
73) 1,3,5-Trimethylbenzene	16.03	105	154690	0.368	ppbv	94
74) 1,2,4-Trimethylbenzene	16.79	105	196694	0.458	ppbv	98
76) 1,4-Dichlorobenzene	17.19	146	10897	0.045	ppbv #	23
78) Hexachloro-1,3-Butadiene	23.41	225	94527	0.500	ppbv	93
79) Naphthalene	22.27	128	8292	0.033	ppbv #	81

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



#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.68 min Scan# 901

Delta R.T. 0.04 min

Lab File: VL036417.D

Acq: 1 Mar 2021 16:38

Instrument :

MSVOA_L

ClientSampleId :

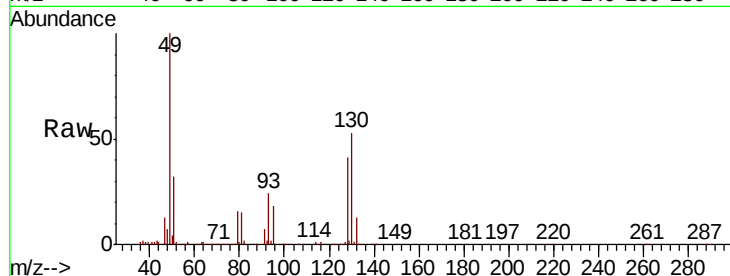
Tot Ion: 49 Resp: 1791661

Ion Ratio Lower Upper

49 100

128 41.1 20.8 62.5

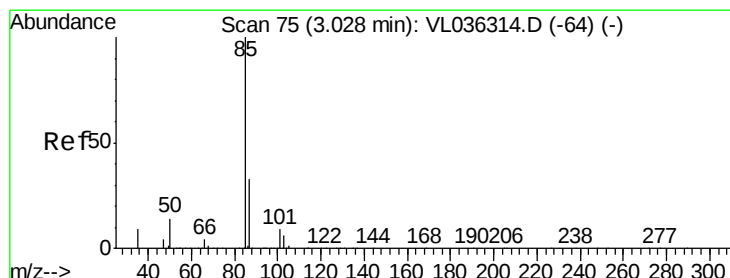
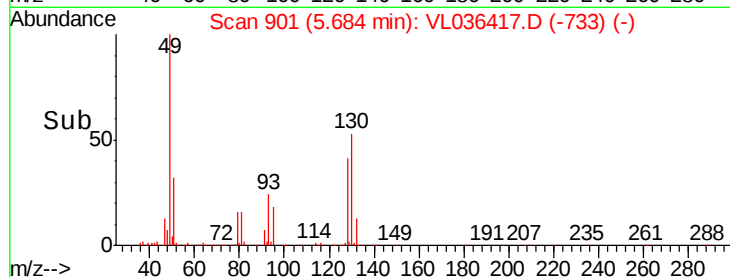
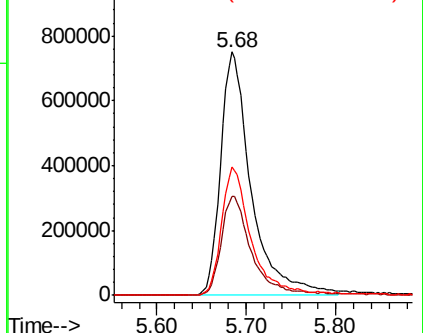
130 52.4 26.7 80.1



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: 0.471 ppbv

RT: 3.06 min Scan# 84

Delta R.T. 0.03 min

Lab File: VL036417.D

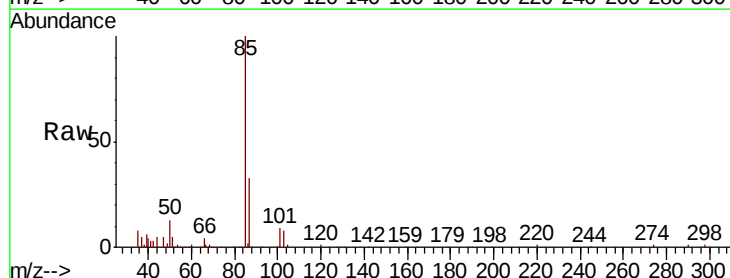
Acq: 1 Mar 2021 16:38

Tgt Ion: 85 Resp: 125994

Ion Ratio Lower Upper

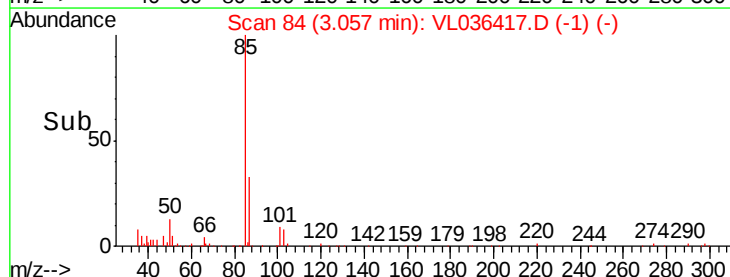
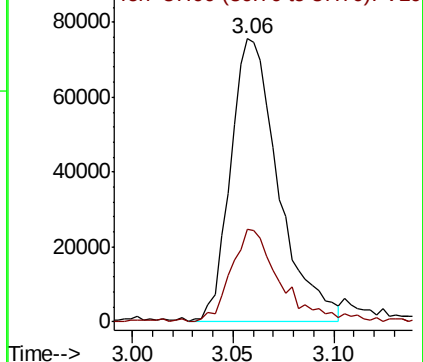
85 100

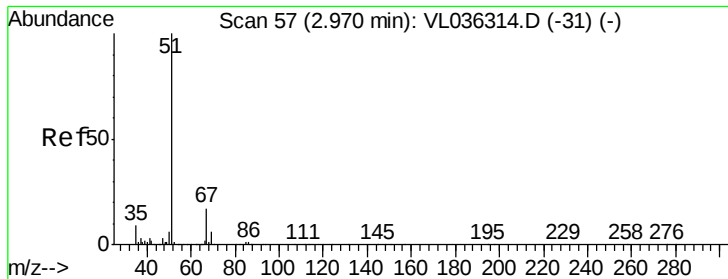
87 32.7 26.5 39.7



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0





#3

Chlorodifluoromethane

Concen: 0.487 ppbv

RT: 3.00 min Scan# 65

Delta R.T. 0.03 min

Lab File: VL036417.D

Acq: 1 Mar 2021 16:38

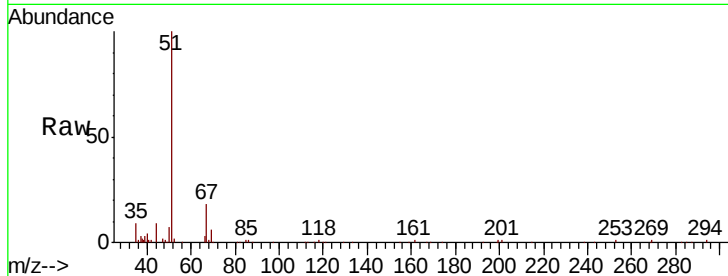
Instrument :
MSVOA_L
ClientSampleId :

Tot Ion: 51 Resp: 108344

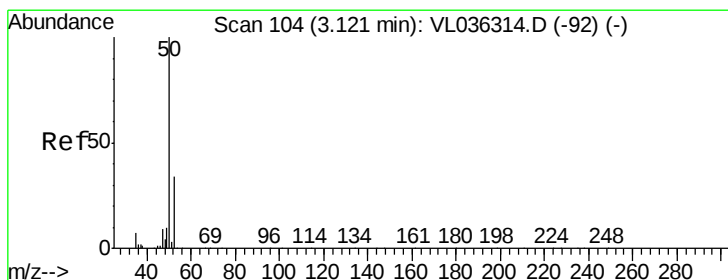
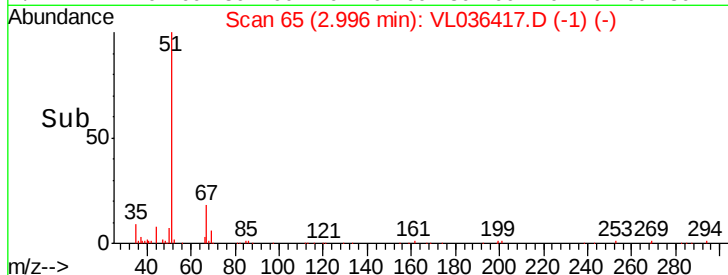
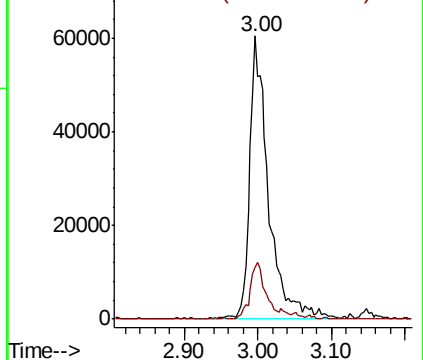
Ion Ratio Lower Upper

51 100

67 19.2 14.7 22.1



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



#4

Chloromethane

Concen: 0.499 ppbv

RT: 3.16 min Scan# 115

Delta R.T. 0.04 min

Lab File: VL036417.D

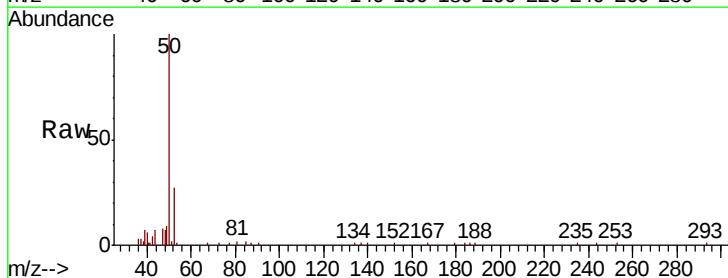
Acq: 1 Mar 2021 16:38

Tgt Ion: 50 Resp: 53670

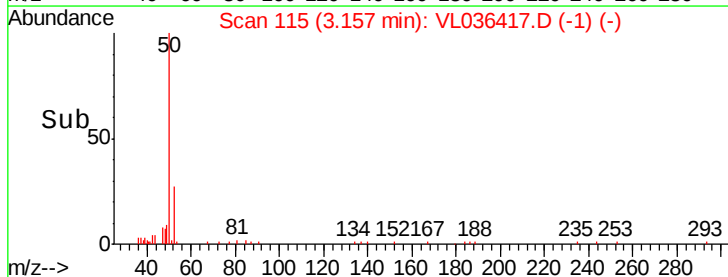
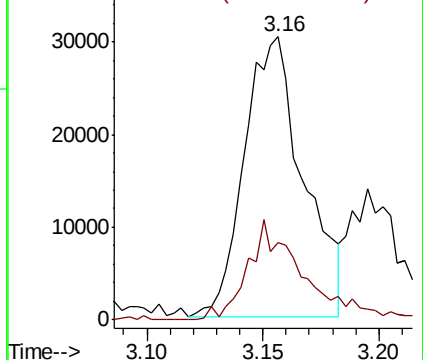
Ion Ratio Lower Upper

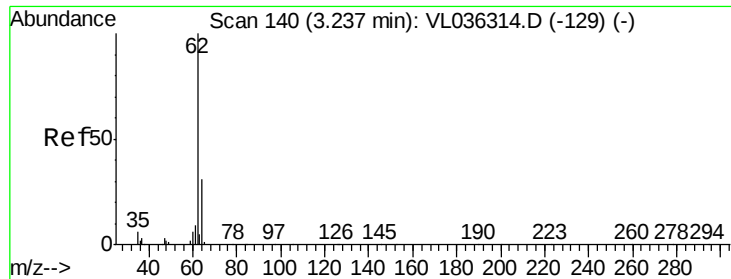
50 100

52 27.5 27.0 40.4



Abundance Ion 50.10 (49.80 to 50.80): VL0
Ion 52.10 (51.80 to 52.80): VL0





#5

Vinyl Chloride

Concen: 0.377 ppbv

RT: 3.27 min Scan# 149

Delta R.T. 0.03 min

Lab File: VL036417.D

Acq: 1 Mar 2021 16:38

Instrument :

MSVOA_L

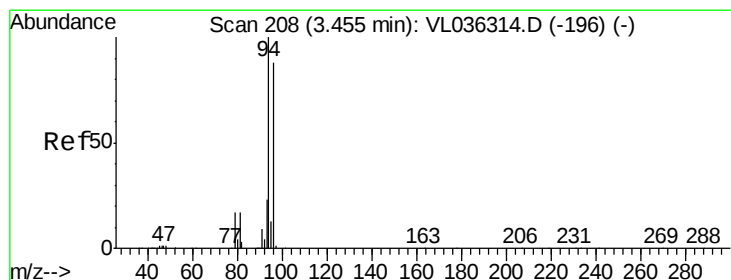
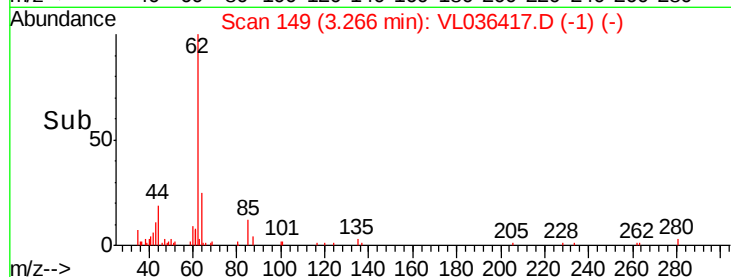
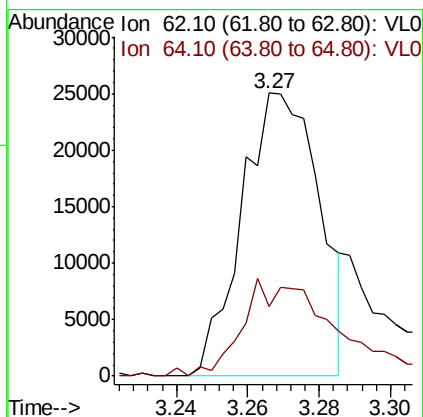
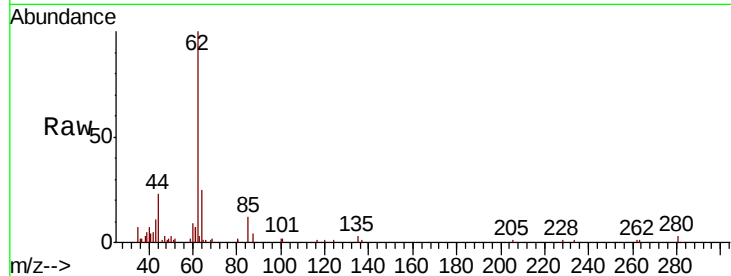
ClientSampleId :

Tot Ion: 62 Resp: 37709

Ion Ratio Lower Upper

62 100

64 24.5 24.4 36.6



#6

Bromomethane

Concen: 0.215 ppbv

RT: 3.49 min Scan# 218

Delta R.T. 0.03 min

Lab File: VL036417.D

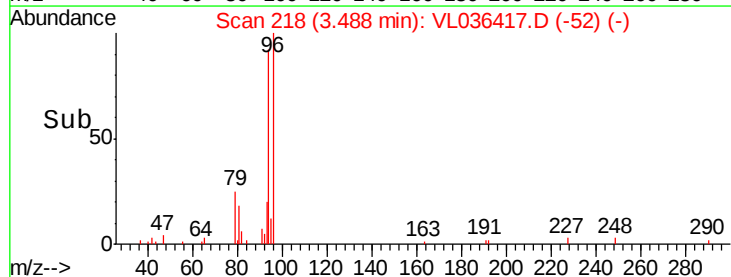
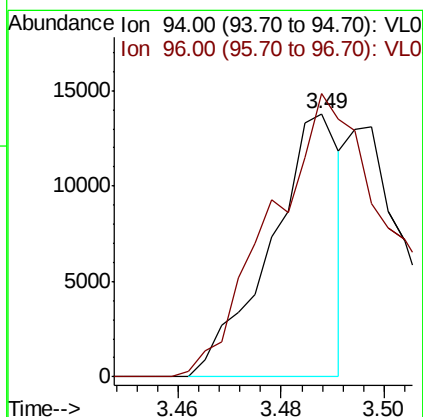
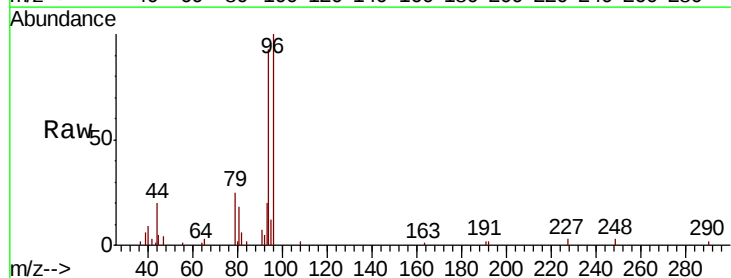
Acq: 1 Mar 2021 16:38

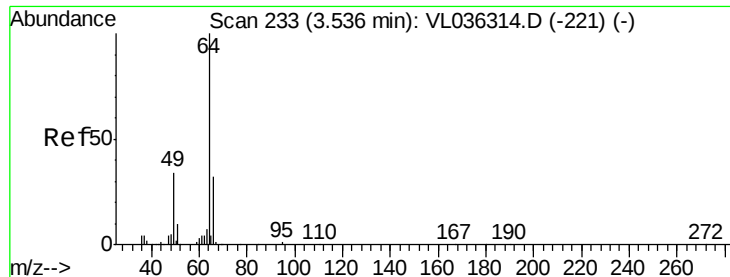
Tgt Ion: 94 Resp: 12793

Ion Ratio Lower Upper

94 100

96 105.3 70.8 106.2





#7

Chloroethane

Concen: 0.425 ppbv

RT: 3.57 min Scan# 243

Delta R.T. 0.03 min

Lab File: VL036417.D

Acq: 1 Mar 2021 16:38

Instrument :

MSVOA_L

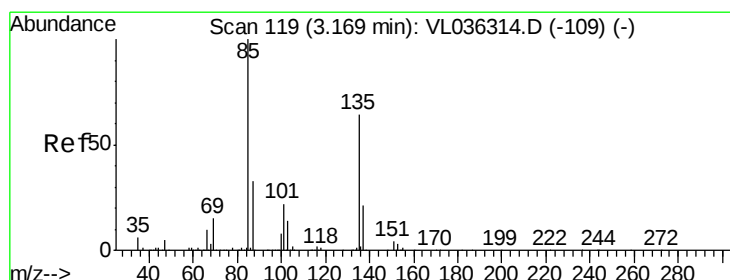
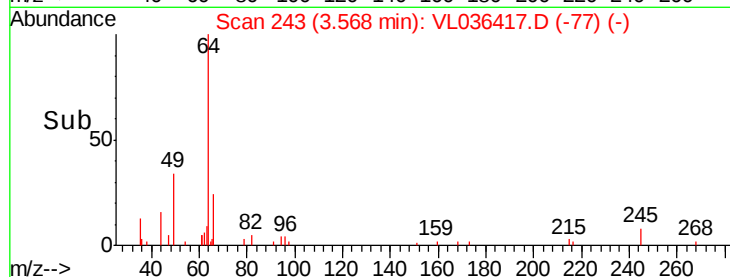
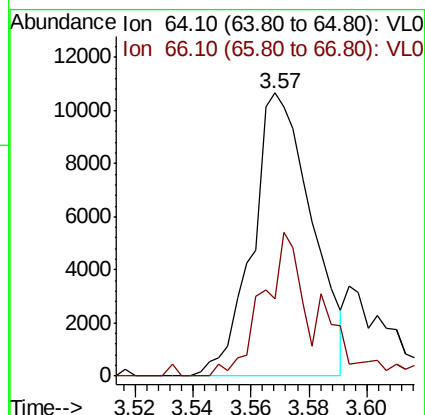
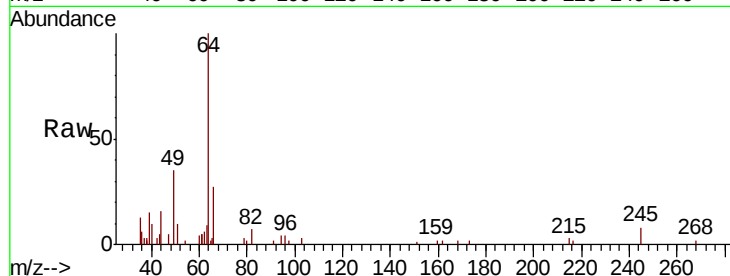
ClientSampleId :

Tot Ion: 64 Resp: 15109

Ion Ratio Lower Upper

64 100

66 26.9 25.6 38.4



#8

Dichlorotetrafluoroethane

Concen: 0.490 ppbv

RT: 3.20 min Scan# 128

Delta R.T. 0.03 min

Lab File: VL036417.D

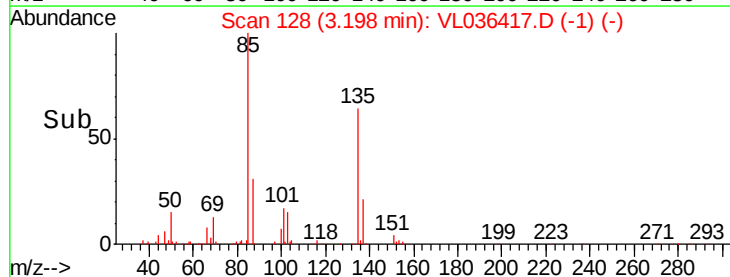
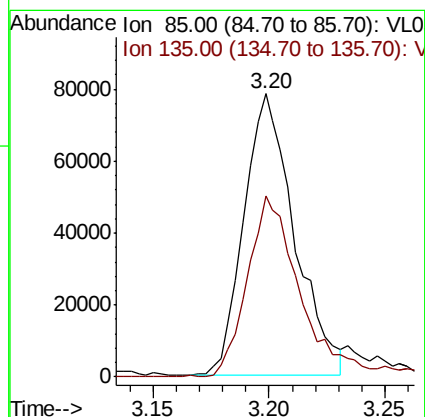
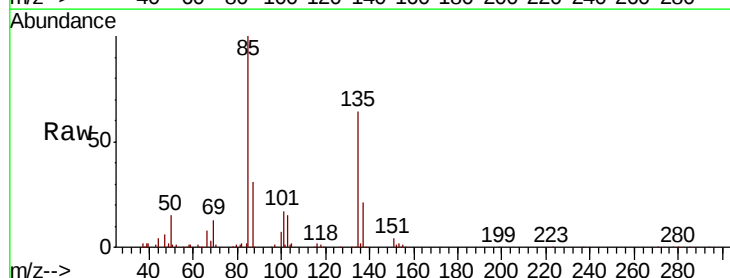
Acq: 1 Mar 2021 16:38

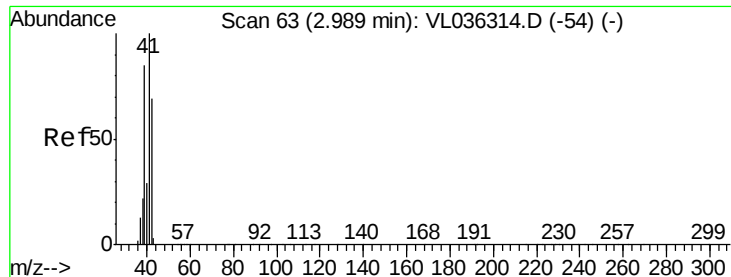
Tgt Ion: 85 Resp: 119182

Ion Ratio Lower Upper

85 100

135 70.8 51.1 76.7





#9

Propene

Concen: 0.500 ppbv

RT: 3.02 min Scan# 73

Delta R.T. 0.03 min

Lab File: VL036417.D

Acq: 1 Mar 2021 16:38

Instrument :

MSVOA_L

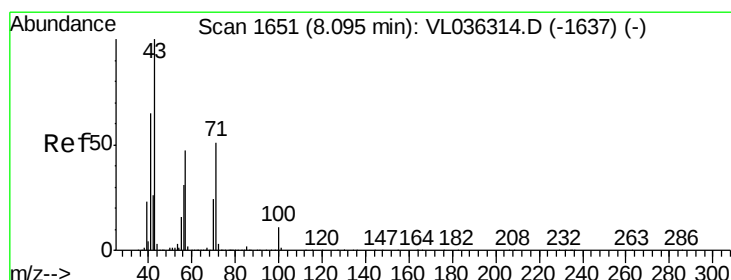
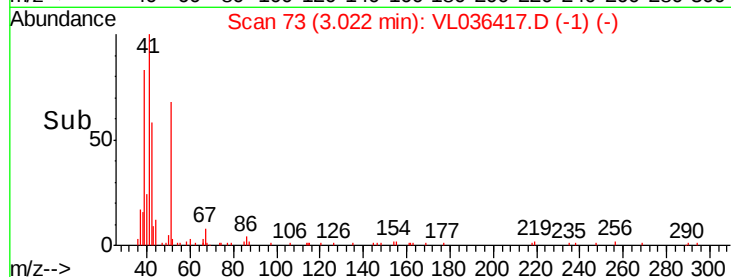
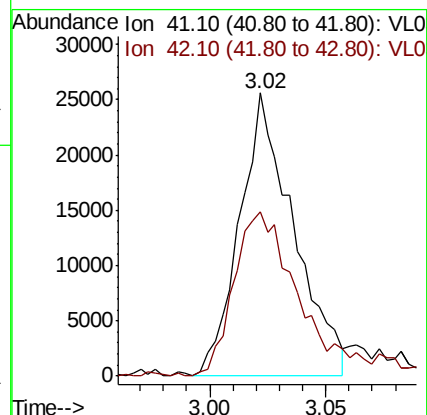
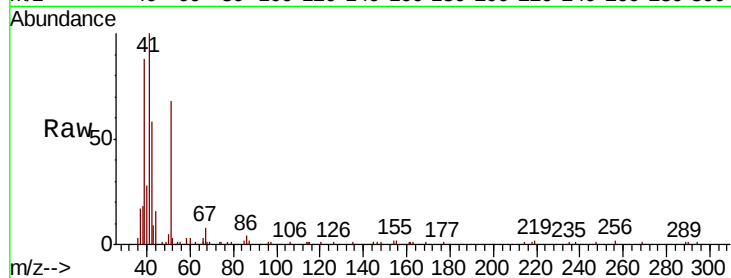
ClientSampleId :

Tot Ion: 41 Resp: 41463

Ion Ratio Lower Upper

41 100

42 74.9 56.2 84.2



#10

Heptane

Concen: 0.373 ppbv

RT: 8.15 min Scan# 1667

Delta R.T. 0.05 min

Lab File: VL036417.D

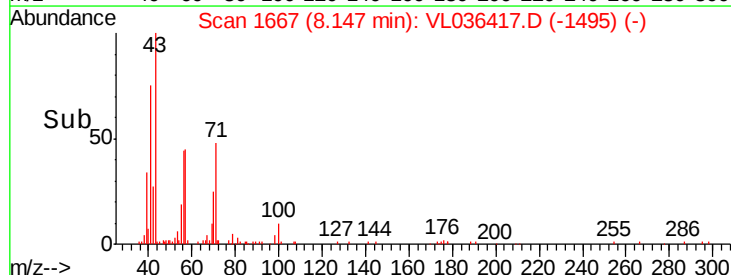
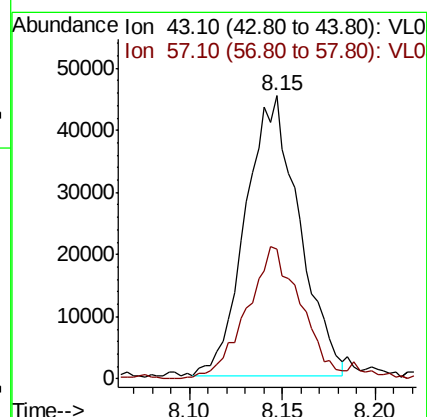
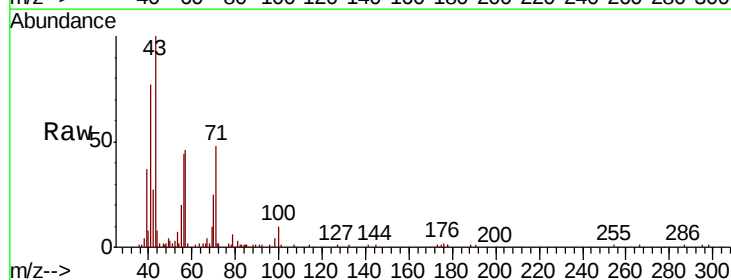
Acq: 1 Mar 2021 16:38

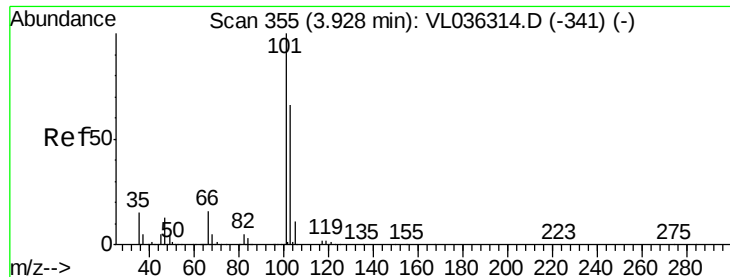
Tgt Ion: 43 Resp: 91196

Ion Ratio Lower Upper

43 100

57 49.6 39.4 59.2





#11

Trichlorofluoromethane

Concen: 0.449 ppbv

RT: 3.97 min Scan# 367

Delta R.T. 0.04 min

Lab File: VL036417.D

Acq: 1 Mar 2021 16:38

Instrument :

MSVOA_L

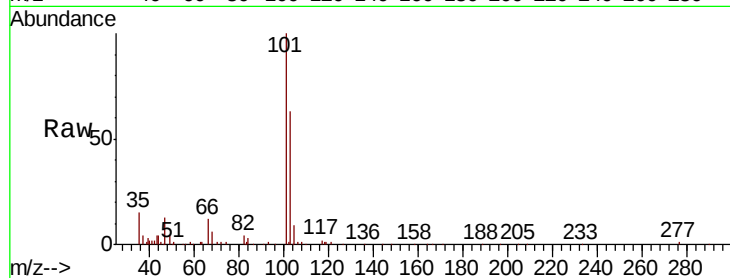
ClientSampleId :

Tot Ion:101 Resp: 117587

Ion Ratio Lower Upper

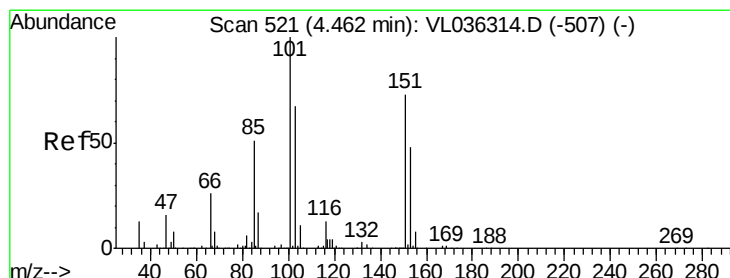
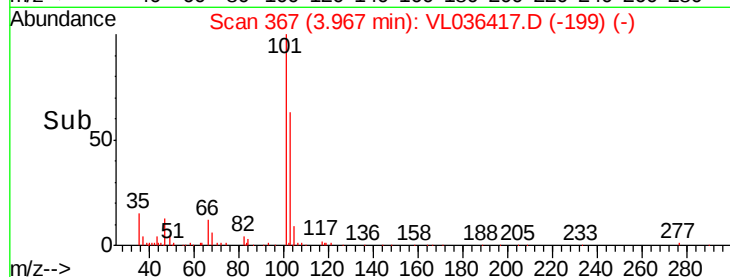
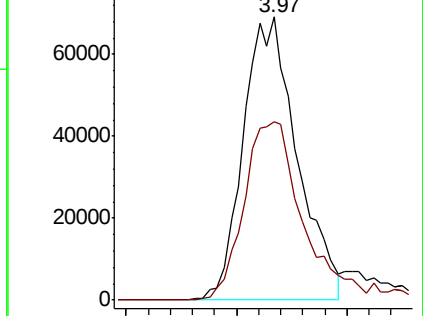
101 100

103 62.9 52.9 79.3



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V



#12

1,1,2-Trichlorotrifluoroethane

Concen: 0.497 ppbv

RT: 4.50 min Scan# 532

Delta R.T. 0.04 min

Lab File: VL036417.D

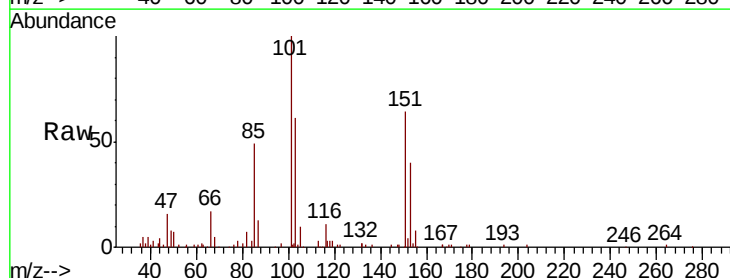
Acq: 1 Mar 2021 16:38

Tgt Ion:101 Resp: 80572

Ion Ratio Lower Upper

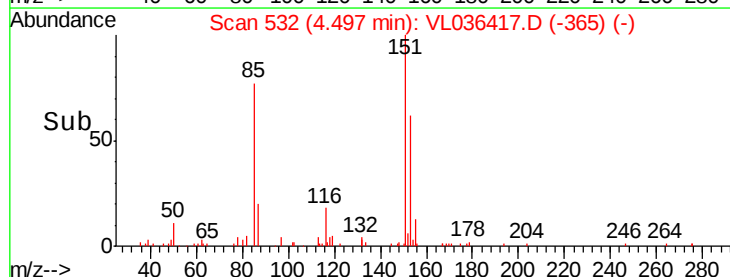
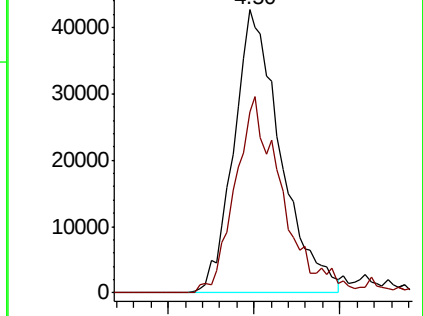
101 100

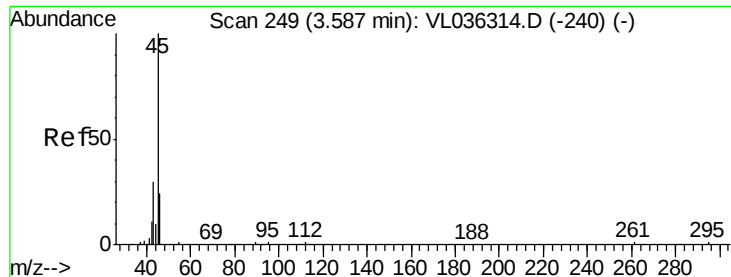
151 69.5 58.2 87.4



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 151.00 (150.70 to 151.70): V





#13

Ethanol

Concen: 0.272 ppbv

RT: 3.63 min Scan# 262

Delta R.T. 0.04 min

Lab File: VL036417.D

Acq: 1 Mar 2021 16:38

Instrument :

MSVOA_L

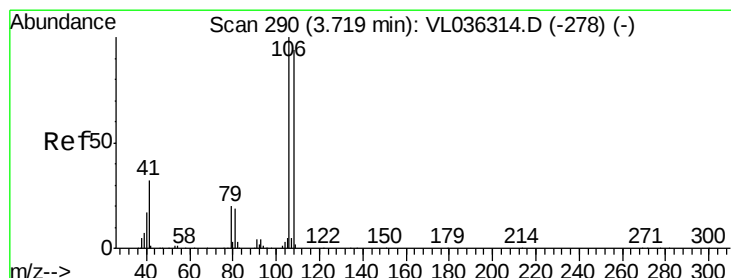
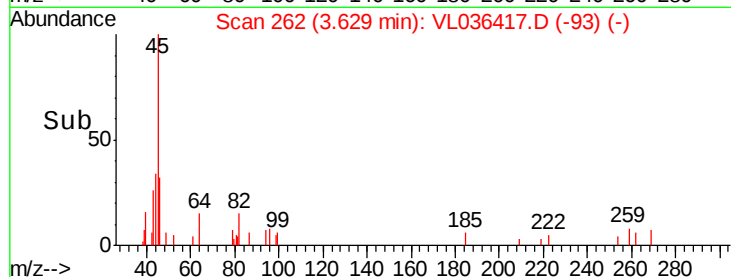
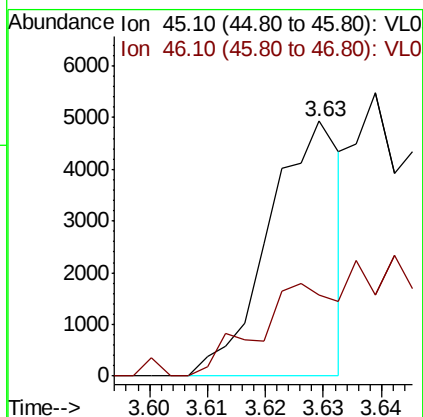
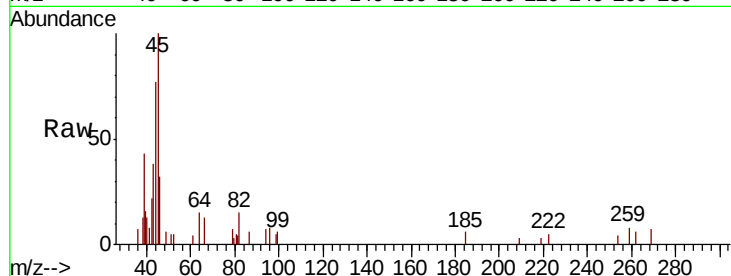
ClientSampleId :

Tot Ion: 45 Resp: 4239

Ion Ratio Lower Upper

45 100

46 0.0 17.7 70.7#



#14

Bromoethene

Concen: 0.370 ppbv

RT: 3.76 min Scan# 302

Delta R.T. 0.04 min

Lab File: VL036417.D

Acq: 1 Mar 2021 16:38

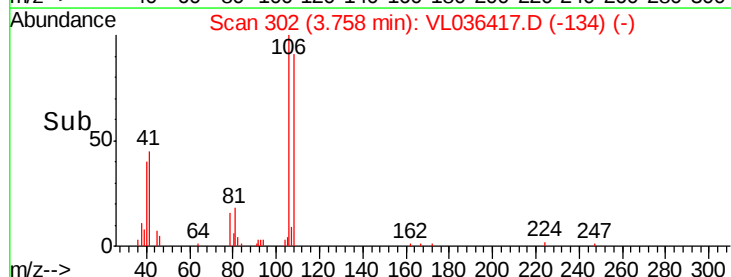
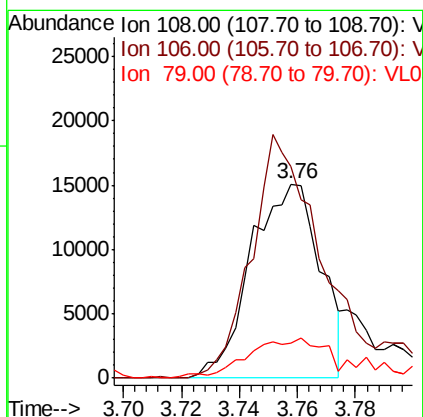
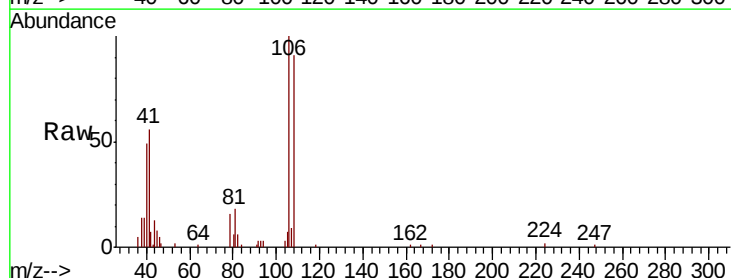
Tgt Ion: 108 Resp: 25126

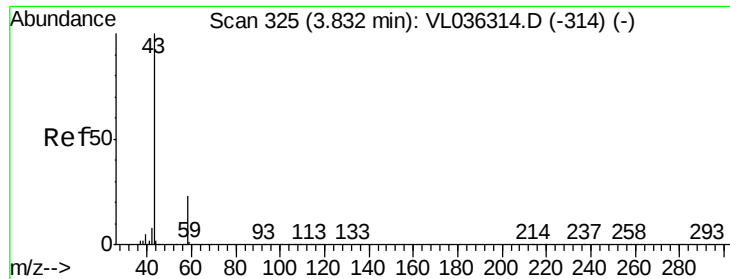
Ion Ratio Lower Upper

108 100

106 138.8 89.8 134.8#

79 31.9 17.1 25.7#

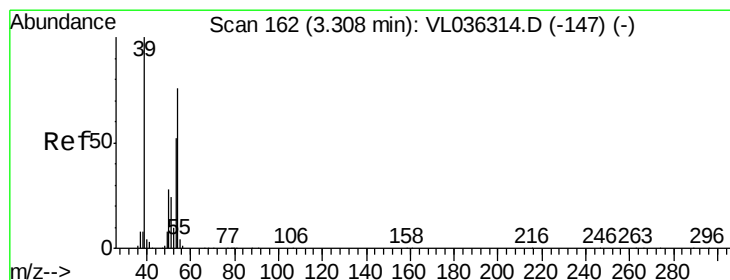
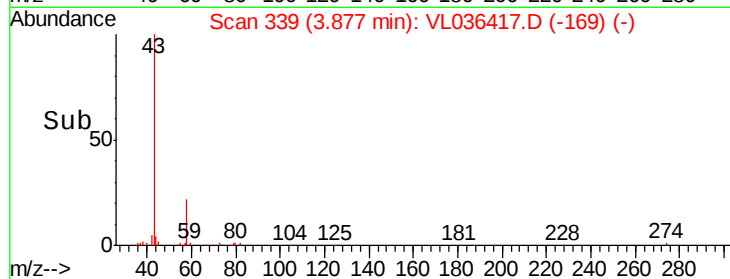
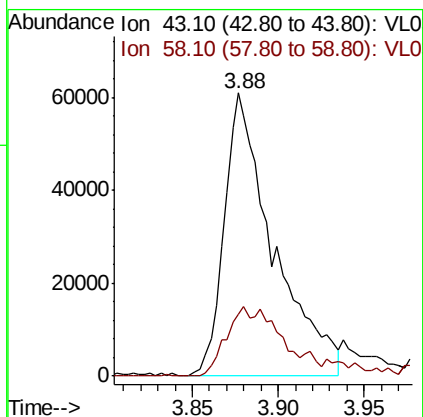
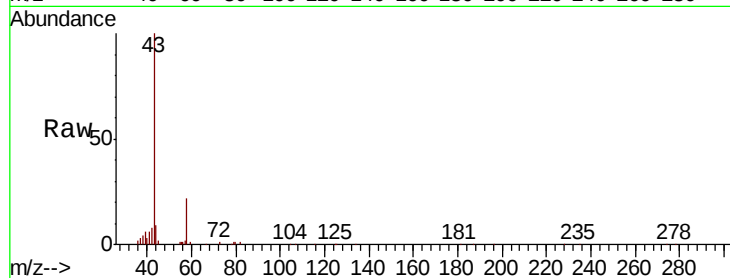




#15
Acetone
Concen: 0.551 ppbv
RT: 3.88 min Scan# 339
Delta R.T. 0.05 min
Lab File: VL036417.D
Acq: 1 Mar 2021 16:38

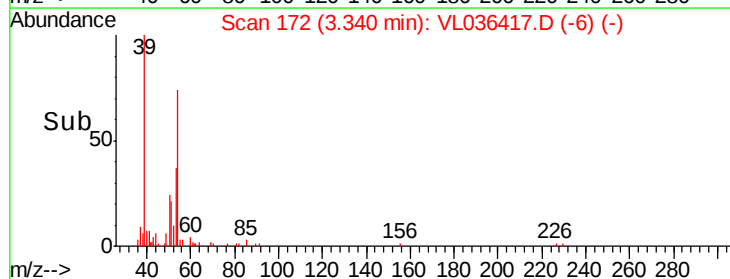
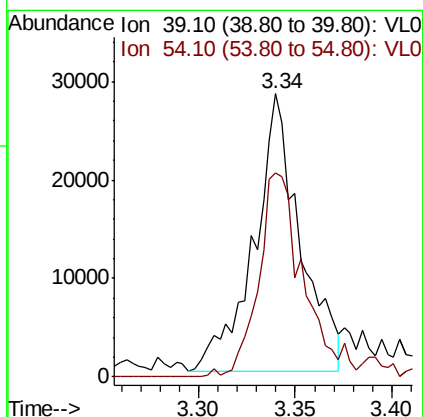
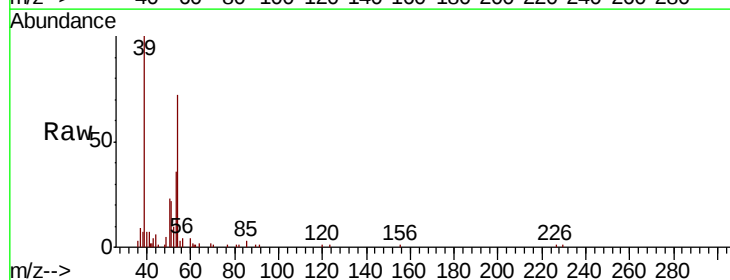
Instrument :
MSVOA_L
ClientSampleId :

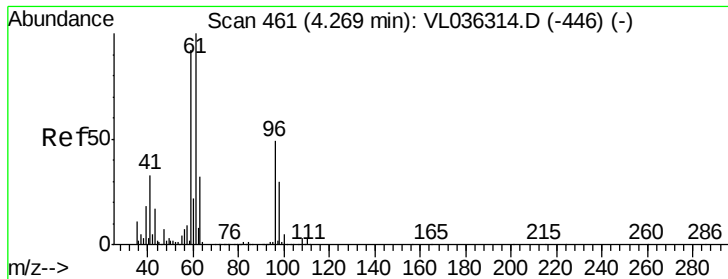
Tot Ion: 43 Resp: 120615
Ion Ratio Lower Upper
43 100
58 31.3 20.3 30.5#



#16
1,3-Butadiene
Concen: 0.447 ppbv
RT: 3.34 min Scan# 172
Delta R.T. 0.03 min
Lab File: VL036417.D
Acq: 1 Mar 2021 16:38

Tgt Ion: 39 Resp: 46768
Ion Ratio Lower Upper
39 100
54 77.2 64.4 96.6

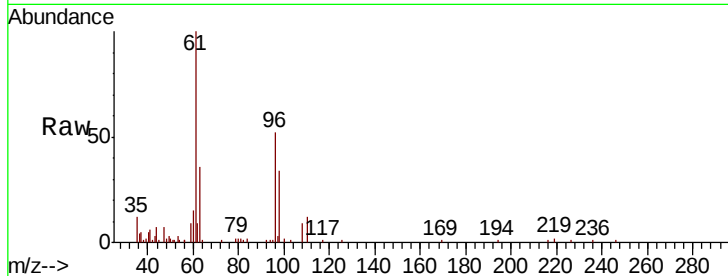




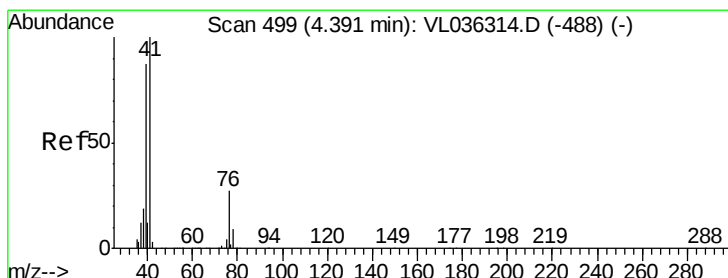
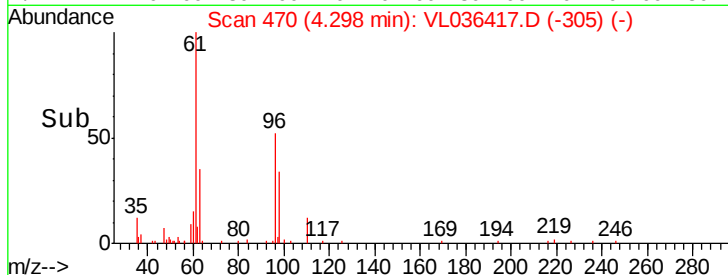
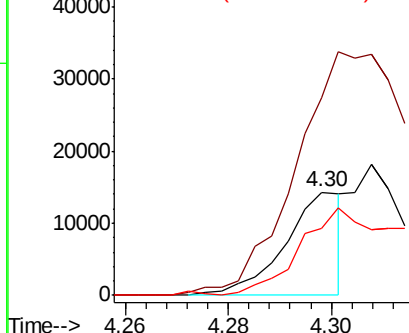
#18
 1,1-Dichloroethene
 Concen: 0.150 ppbv
 RT: 4.30 min Scan# 470
 Delta R.T. 0.03 min
 Lab File: VL036417.D
 Acq: 1 Mar 2021 16:38

Instrument :
 MSVOA_L
 ClientSampleId :

Tot Ion: 96 Resp: 11082
 Ion Ratio Lower Upper
 96 100
 61 189.4 162.5 243.7
 98 60.9 48.5 72.7

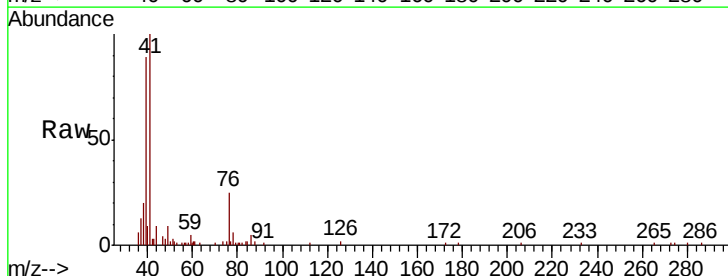


Abundance Ion 96.00 (95.70 to 96.70): VL0
 Ion 61.10 (60.80 to 61.80): VL0
 Ion 98.00 (97.70 to 98.70): VL0

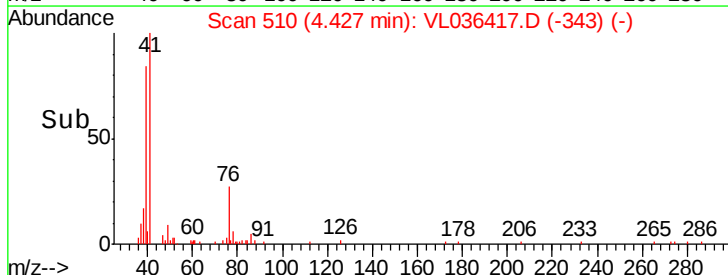
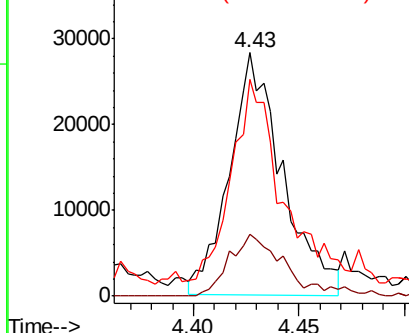


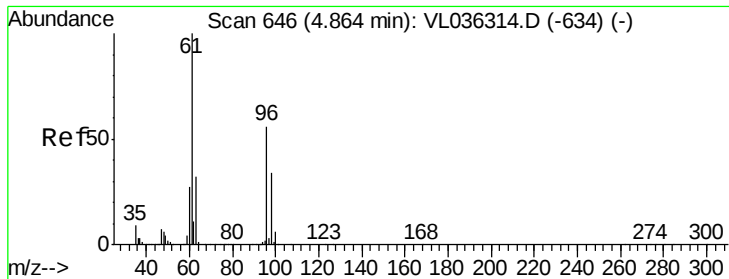
#21
 Allyl Chloride
 Concen: 0.406 ppbv
 RT: 4.43 min Scan# 510
 Delta R.T. 0.04 min
 Lab File: VL036417.D
 Acq: 1 Mar 2021 16:38

Tgt Ion: 41 Resp: 49465
 Ion Ratio Lower Upper
 41 100
 76 27.3 22.0 33.0
 39 91.6 70.2 105.2



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: 0.041 ppbv

RT: 4.94 min Scan# 670

Delta R.T. 0.08 min

Lab File: VL036417.D

Acq: 1 Mar 2021 16:38

Instrument :
MSVOA_L
ClientSampled :

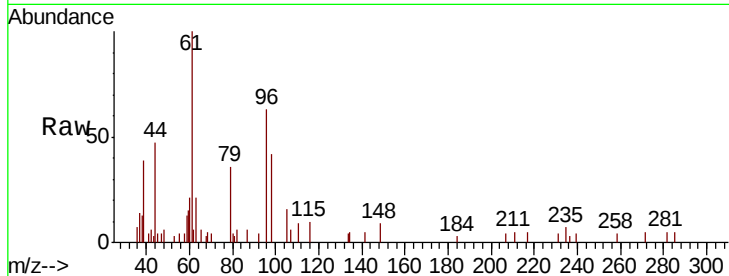
Tot Ion: 96 Resp: 2749

Ion Ratio Lower Upper

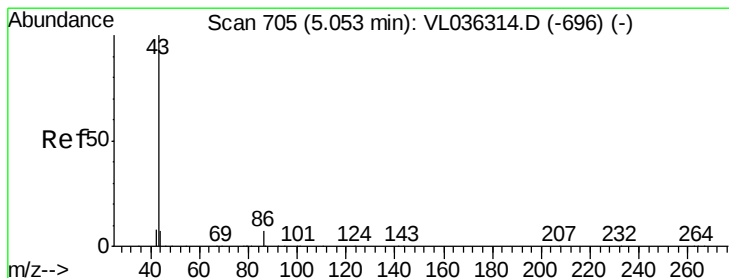
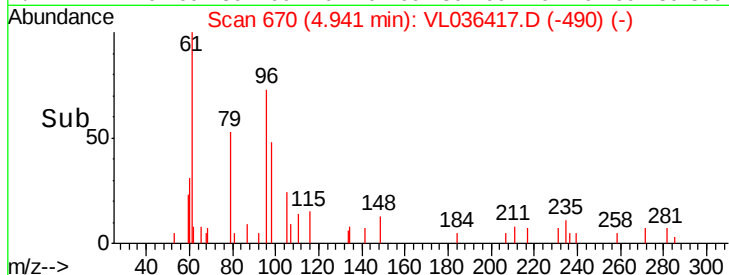
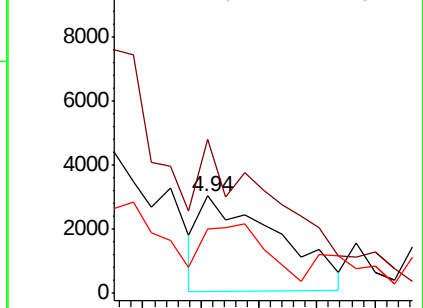
96 100

61 164.3 143.7 215.5

98 50.4 48.5 72.7



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



#23

Vinyl Acetate

Concen: 0.302 ppbv

RT: 5.09 min Scan# 717

Delta R.T. 0.04 min

Lab File: VL036417.D

Acq: 1 Mar 2021 16:38

Tgt Ion: 43 Resp: 77706

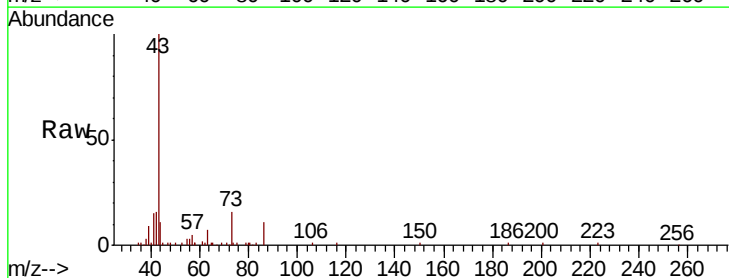
Ion Ratio Lower Upper

43 100

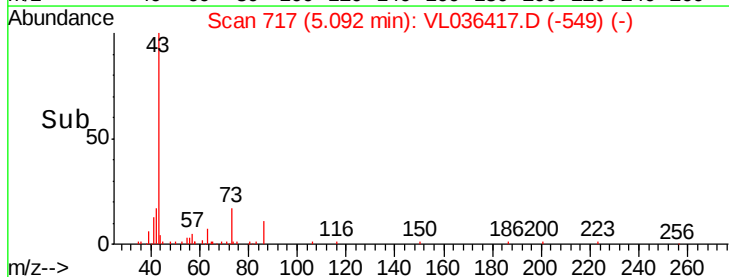
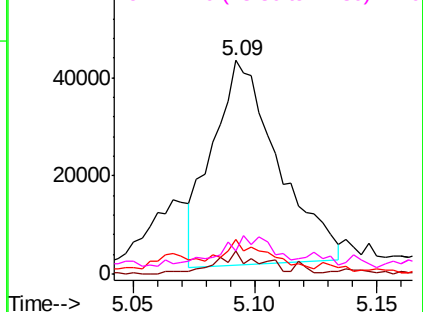
86 10.8 4.8 7.2#

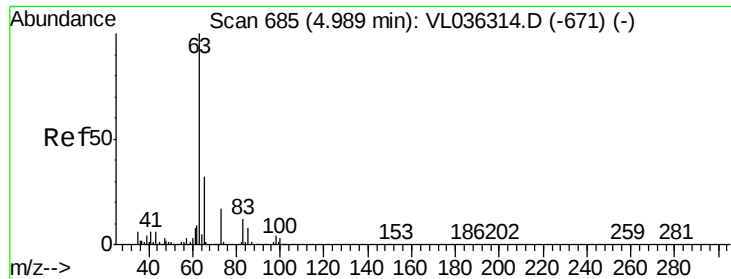
42 15.5 7.4 11.0#

44 7.9 4.8 7.2#



Abundance Ion 43.10 (42.80 to 43.80): VL0
Ion 86.10 (85.80 to 86.80): VL0
Ion 42.10 (41.80 to 42.80): VL0
Ion 44.10 (43.80 to 44.80): VL0





#24

1,1-Dichloroethane

Concen: 0.438 ppbv

RT: 5.03 min Scan# 697

Delta R.T. 0.04 min

Lab File: VL036417.D

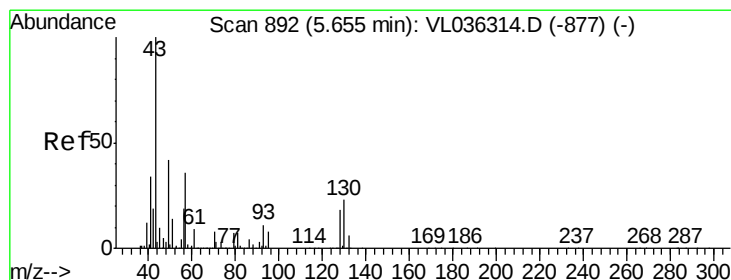
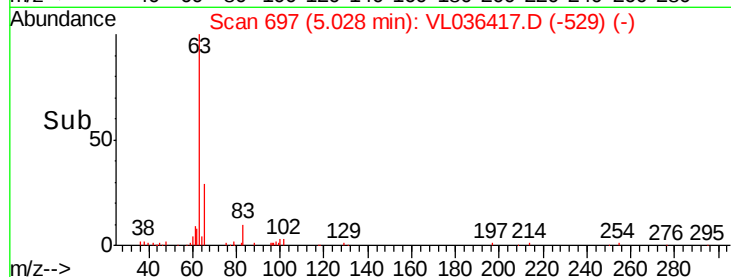
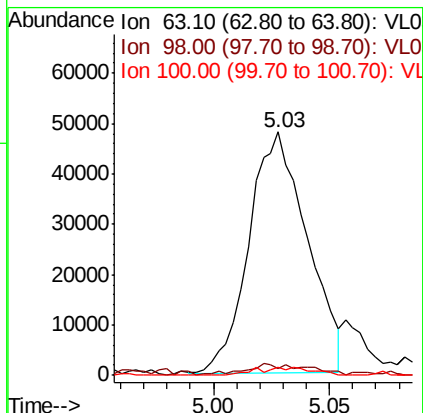
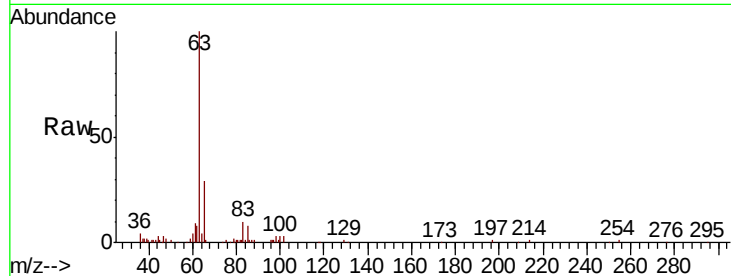
Acq: 1 Mar 2021 16:38

Instrument :

MSVOA_L

ClientSampleId :

Tot Ion:	63	Resp:	83467
Ion	Ratio	Lower	Upper
63	100		
98	0.9	2.0	6.0#
100	3.5	1.5	4.4



#25

Ethyl Acetate

Concen: 0.397 ppbv

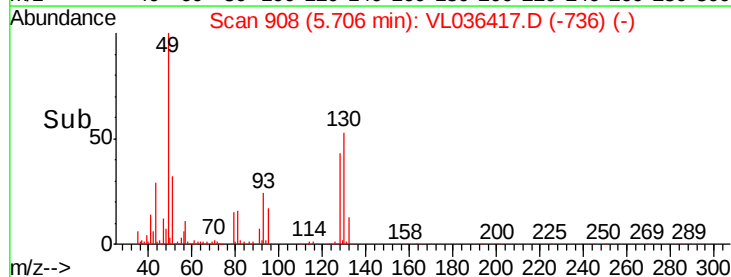
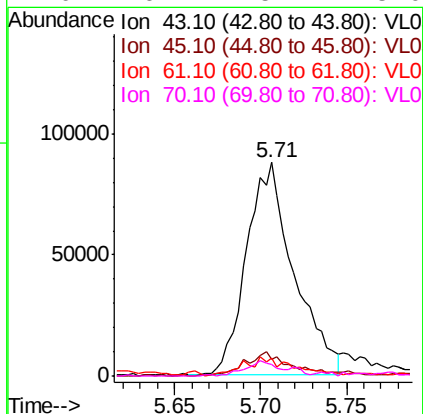
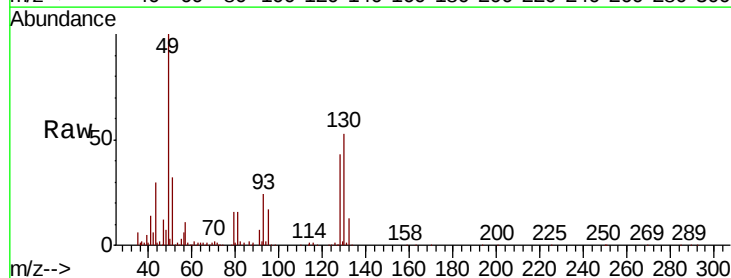
RT: 5.71 min Scan# 908

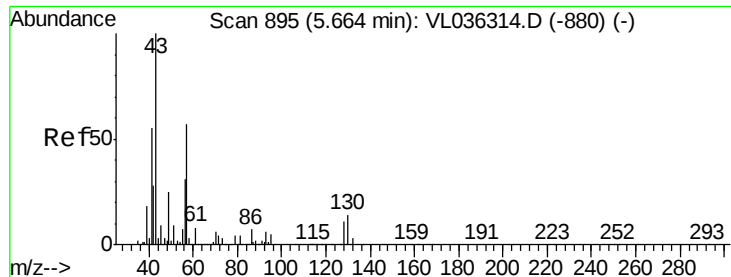
Delta R.T. 0.05 min

Lab File: VL036417.D

Acq: 1 Mar 2021 16:38

Tgt Ion:	43	Resp:	168021
Ion	Ratio	Lower	Upper
43	100		
45	12.4	8.3	12.5
61	10.1	7.3	10.9
70	6.4	5.4	8.0

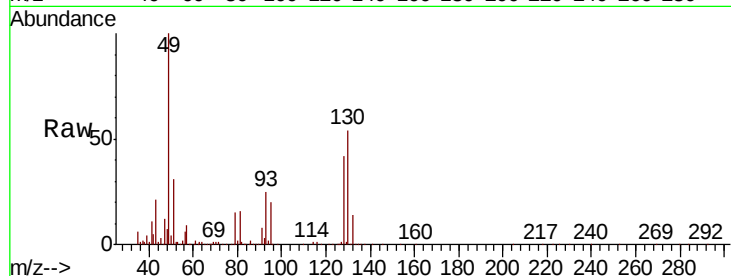




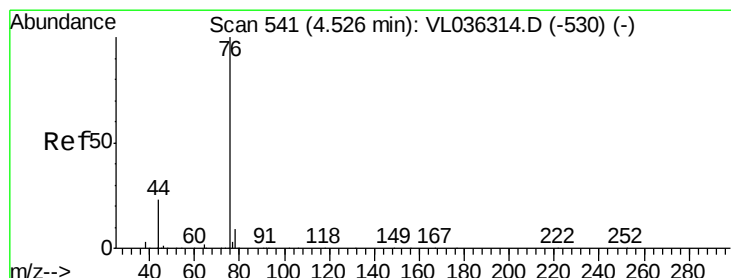
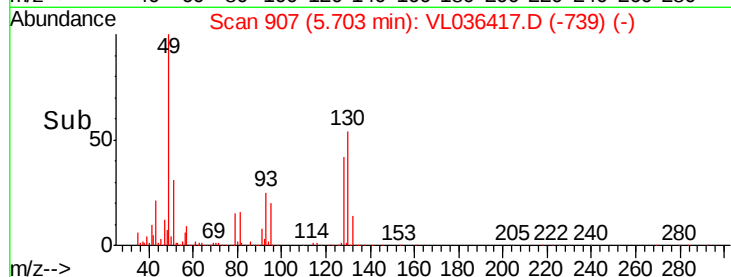
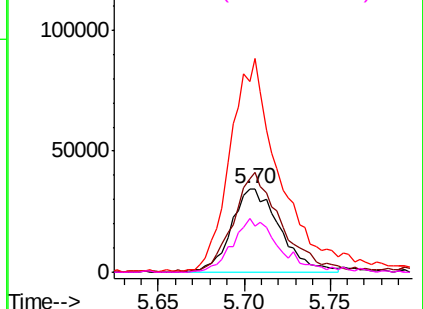
#26
Hexane
Concen: 0.390 ppbv
RT: 5.70 min Scan# 907
Delta R.T. 0.04 min
Lab File: VL036417.D
Acq: 1 Mar 2021 16:38

Instrument :
MSVOA_L
ClientSampleId :

Tot Ion: 57 Resp: 67717
Ion Ratio Lower Upper
57 100
41 126.0 81.7 122.5#
43 276.2 199.1 298.7
56 63.9 44.0 66.0

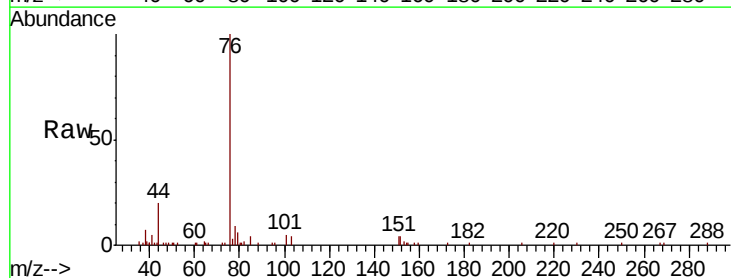


Abundance Ion 57.10 (56.80 to 57.80): VL0
Ion 41.10 (40.80 to 41.80): VL0
Ion 43.10 (42.80 to 43.80): VL0
Ion 56.10 (55.80 to 56.80): VL0

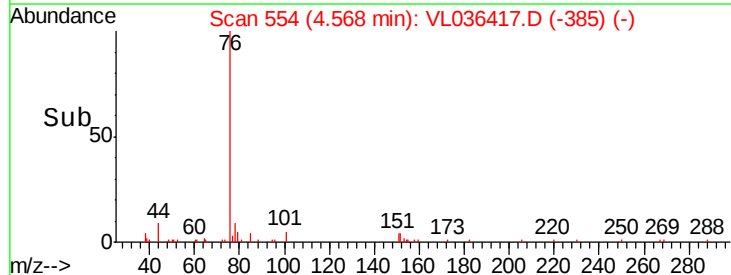
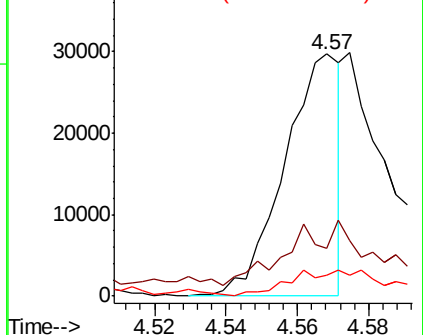


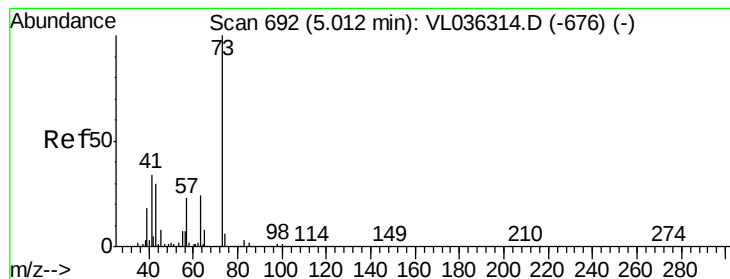
#27
Carbon Disulfide
Concen: 0.202 ppbv
RT: 4.57 min Scan# 554
Delta R.T. 0.04 min
Lab File: VL036417.D
Acq: 1 Mar 2021 16:38

Tgt Ion: 76 Resp: 32214
Ion Ratio Lower Upper
76 100
44 0.0 18.4 27.6#
78 0.0 8.0 12.0#



Abundance Ion 76.00 (75.70 to 76.70): VL0
Ion 44.10 (43.80 to 44.80): VL0
Ion 78.00 (77.70 to 78.70): VL0



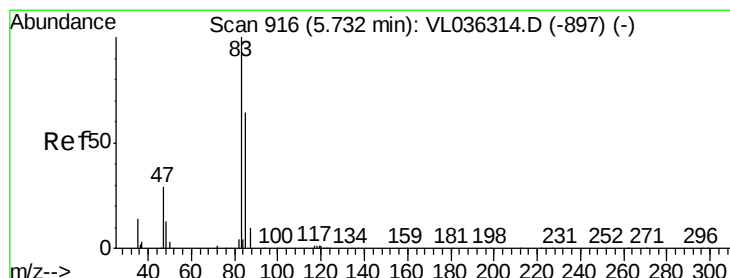
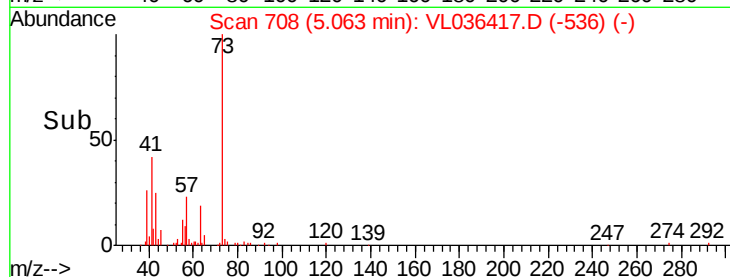
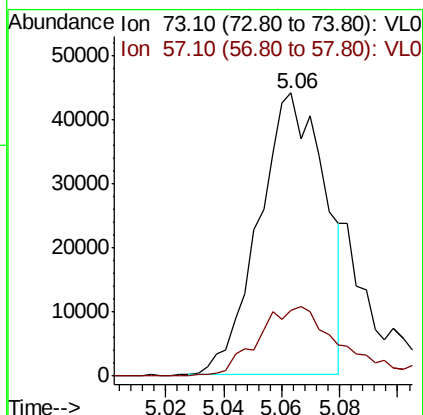
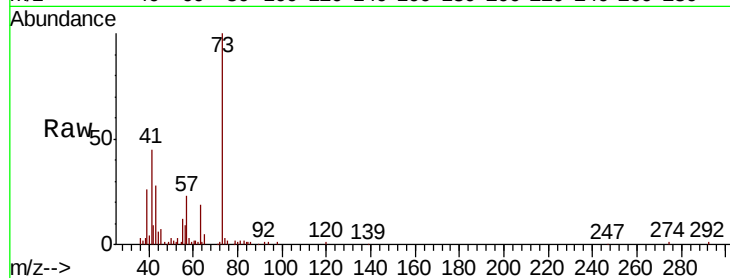


#28

Methvl tert-Butvl Ether
 Concen: 0.306 ppbv
 RT: 5.06 min Scan# 708
 Delta R.T. 0.05 min
 Lab File: VL036417.D
 Acq: 1 Mar 2021 16:38

Instrument :
 MSVOA_L
 ClientSampleId :

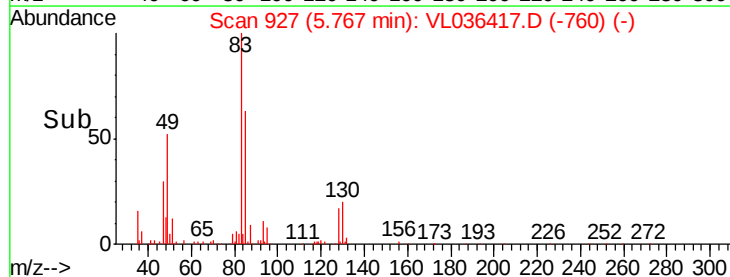
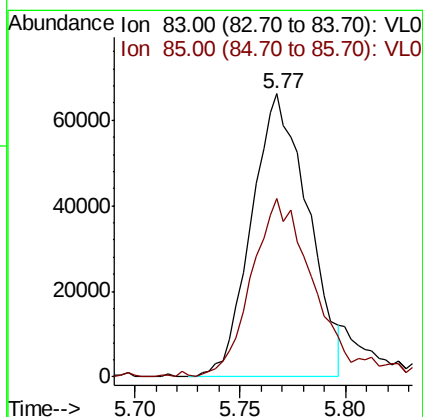
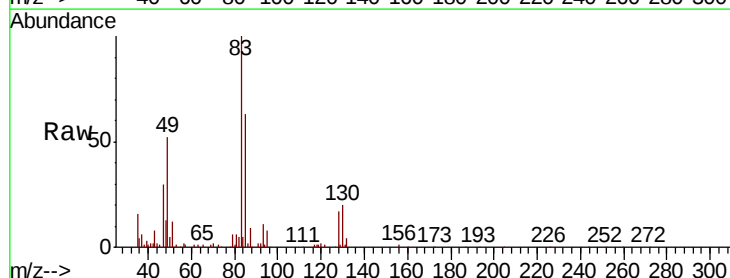
Tot Ion: 73 Resp: 69416
 Ion Ratio Lower Upper
 73 100
 57 33.2 19.2 28.8#

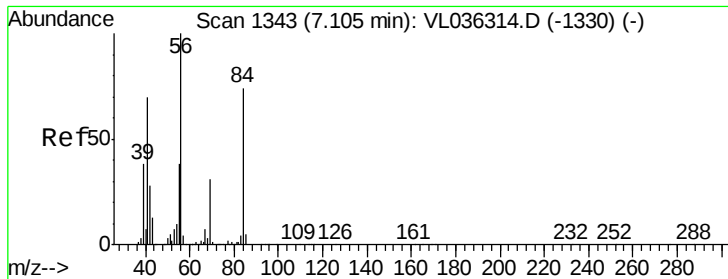


#29

Chloroform
 Concen: 0.441 ppbv
 RT: 5.77 min Scan# 927
 Delta R.T. 0.04 min
 Lab File: VL036417.D
 Acq: 1 Mar 2021 16:38

Tgt Ion: 83 Resp: 123317
 Ion Ratio Lower Upper
 83 100
 85 62.5 51.4 77.2

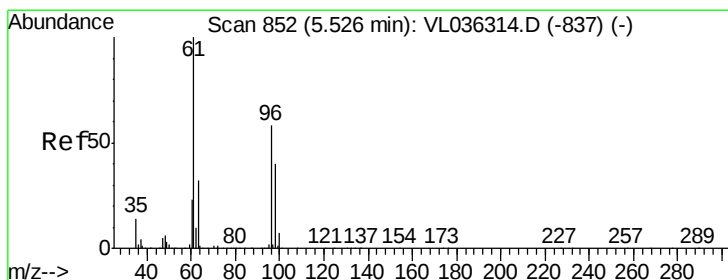
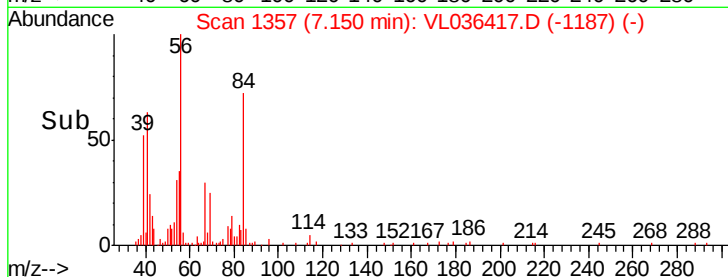
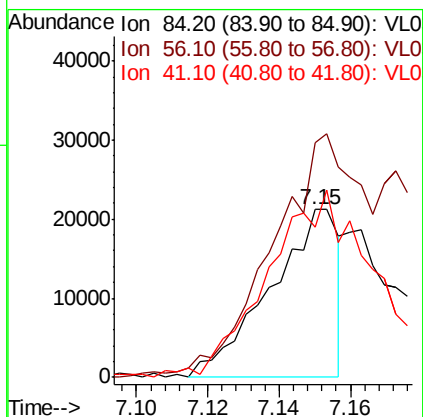
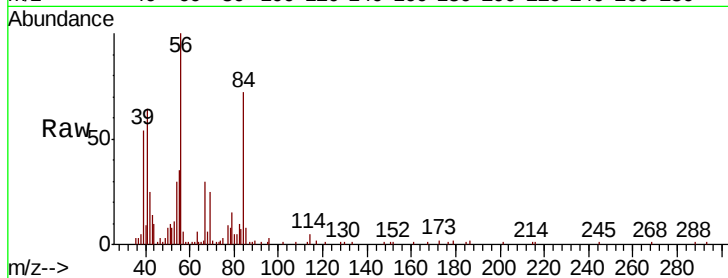




#30
Cvclohexane
Concen: 0.195 ppbv
RT: 7.15 min Scan# 1357
Delta R.T. 0.05 min
Lab File: VL036417.D
Acq: 1 Mar 2021 16:38

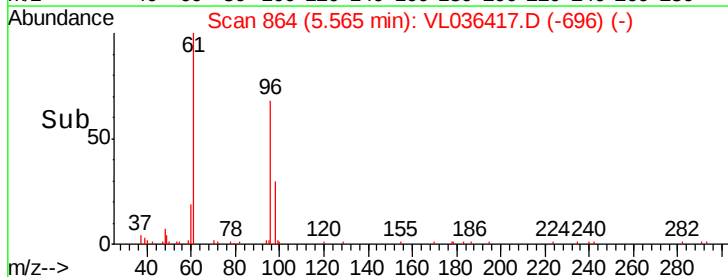
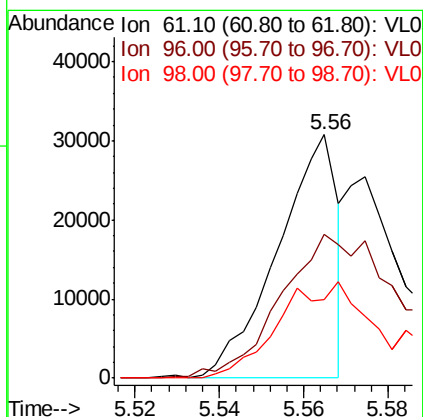
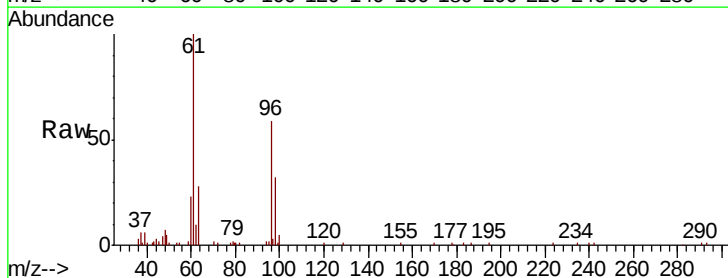
Instrument :
MSVOA_L
ClientSampleId :

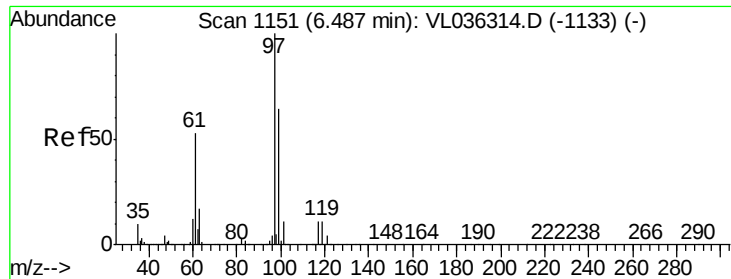
Tot Ion: 84 Resp: 28125
Ion Ratio Lower Upper
84 100
56 177.0 120.2 180.4
41 196.8 79.7 119.5#



#31
cis-1,2-Dichloroethene
Concen: 0.177 ppbv
RT: 5.56 min Scan# 864
Delta R.T. 0.04 min
Lab File: VL036417.D
Acq: 1 Mar 2021 16:38

Tgt Ion: 61 Resp: 30360
Ion Ratio Lower Upper
61 100
96 58.5 46.0 69.0
98 32.1 31.9 47.9





#32

1,1,1-Trichloroethane

Concen: 0.425 ppbv

RT: 6.53 min Scan# 1165

Delta R.T. 0.05 min

Lab File: VL036417.D

Acq: 1 Mar 2021 16:38

Instrument :

MSVOA_L

ClientSampleId :

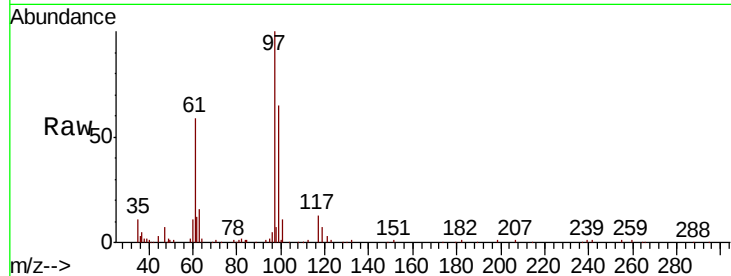
Tot Ion: 97 Resp: 111188

Ion Ratio Lower Upper

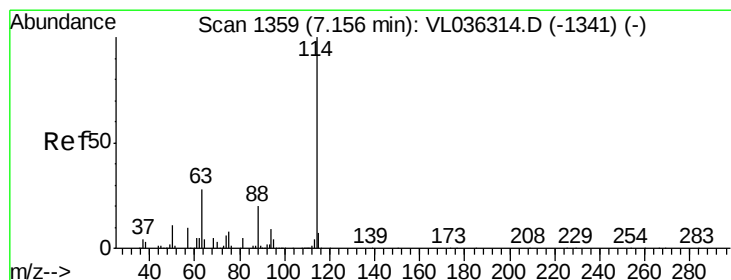
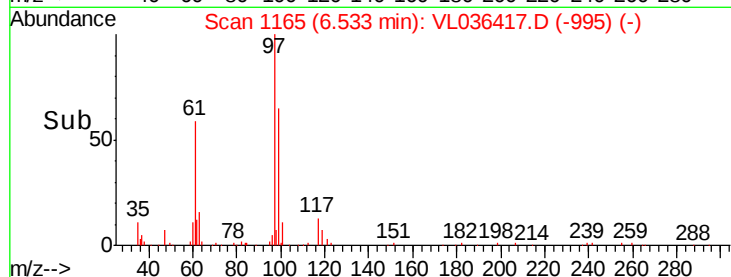
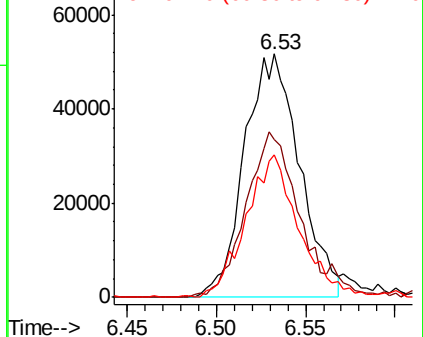
97 100

99 68.5 52.2 78.4

61 58.0 43.3 64.9



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: 7.20 min Scan# 1371

Delta R.T. 0.04 min

Lab File: VL036417.D

Acq: 1 Mar 2021 16:38

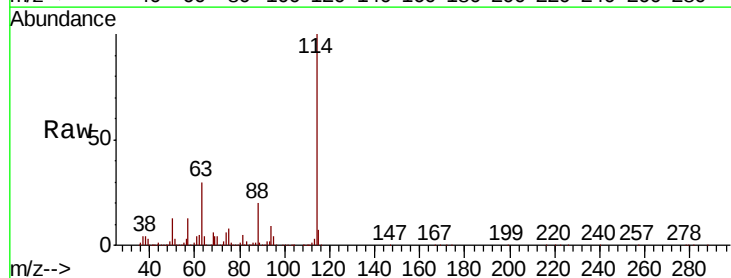
Tgt Ion: 114 Resp: 3784068

Ion Ratio Lower Upper

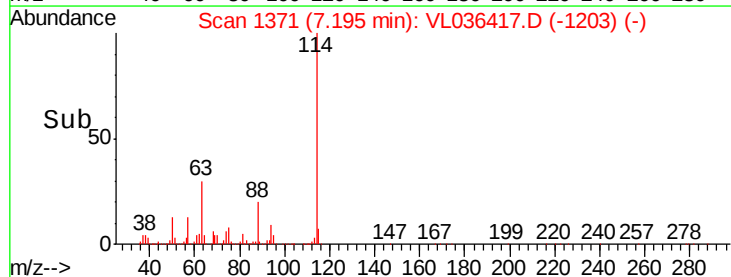
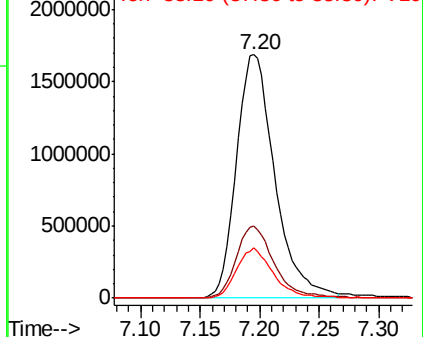
114 100

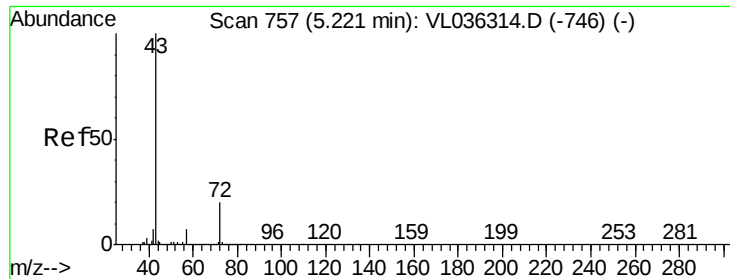
63 29.6 24.1 36.1

88 20.0 16.0 24.0



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

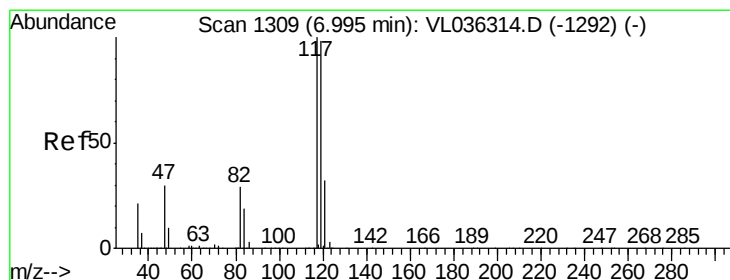
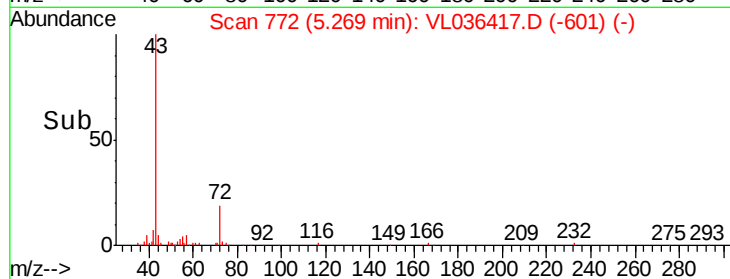
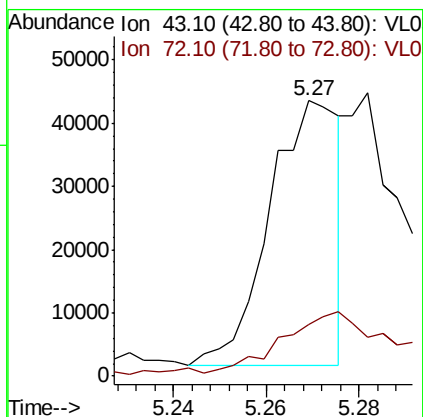
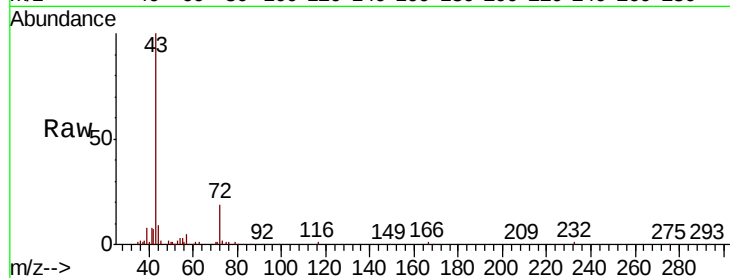




#34
2-Butanone
Concen: 0.176 ppbv
RT: 5.27 min Scan# 772
Delta R.T. 0.05 min
Lab File: VL036417.D
Acq: 1 Mar 2021 16:38

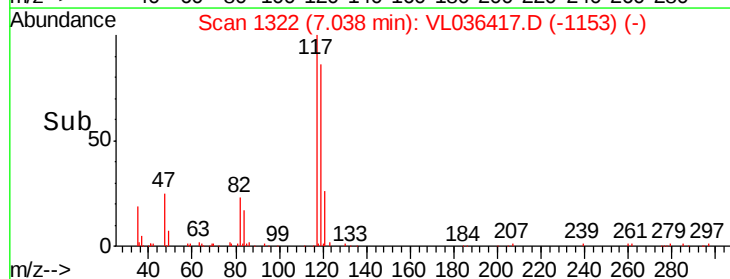
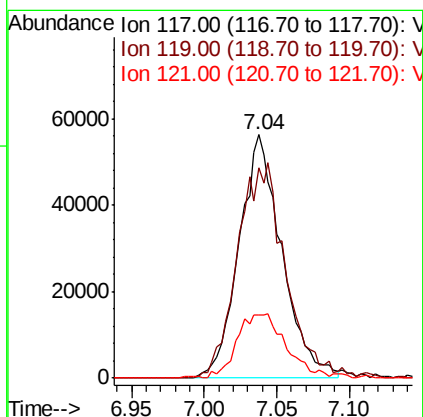
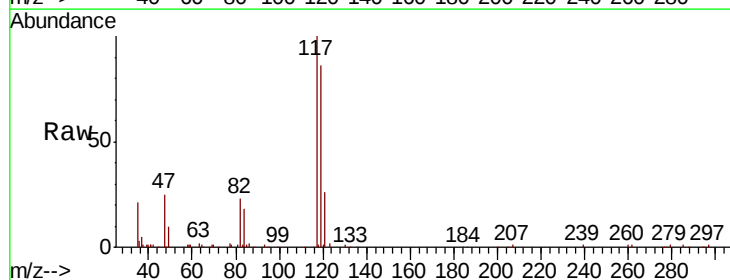
Instrument :
MSVOA_L
ClientSampleId :

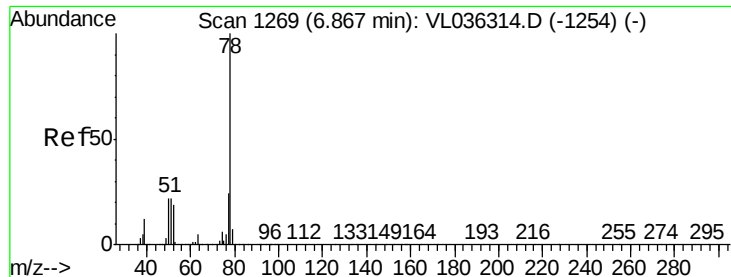
Tot Ion: 43 Resp: 44154
Ion Ratio Lower Upper
43 100
72 49.7 16.7 25.1#



#35
Carbon Tetrachloride
Concen: 0.455 ppbv
RT: 7.04 min Scan# 1322
Delta R.T. 0.04 min
Lab File: VL036417.D
Acq: 1 Mar 2021 16:38

Tgt Ion: 117 Resp: 115283
Ion Ratio Lower Upper
117 100
119 86.4 78.1 117.1
121 25.2 25.8 38.8#





#36

Benzene

Concen: 0.403 ppbv

RT: 6.91 min Scan# 1283

Delta R.T. 0.05 min

Lab File: VL036417.D

Acq: 1 Mar 2021 16:38

Instrument :

MSVOA_L

ClientSampleId :

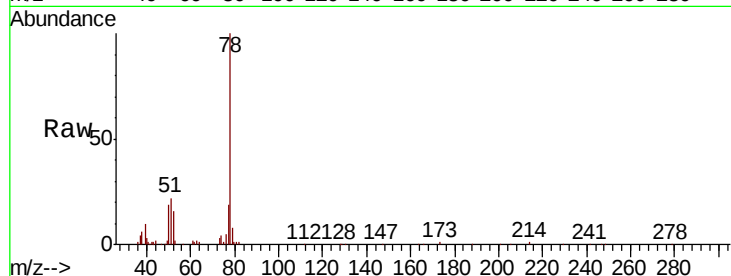
Tot Ion: 78 Resp: 129545

Ion Ratio Lower Upper

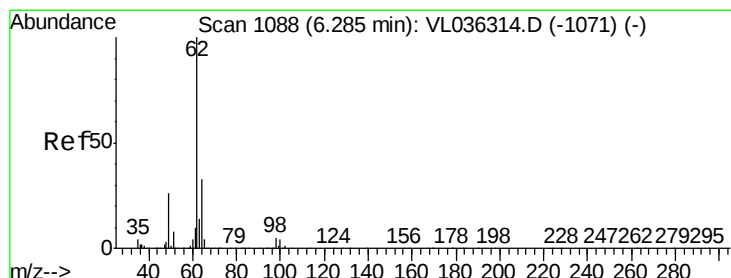
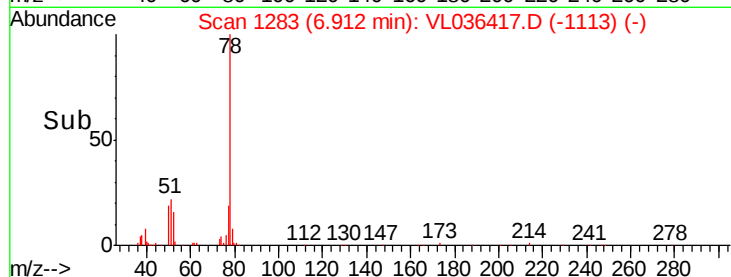
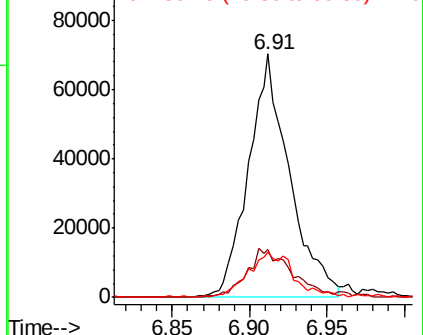
78 100

77 19.4 18.9 28.3

50 18.5 17.3 25.9



Abundance Ion 78.10 (77.80 to 78.80): VL0
Ion 77.10 (76.80 to 77.80): VL0
Ion 50.10 (49.80 to 50.80): VL0



#37

1,2-Dichloroethane

Concen: 0.461 ppbv

RT: 6.32 min Scan# 1100

Delta R.T. 0.04 min

Lab File: VL036417.D

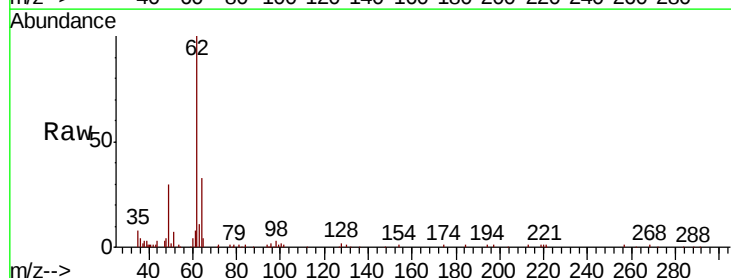
Acq: 1 Mar 2021 16:38

Tgt Ion: 62 Resp: 91564

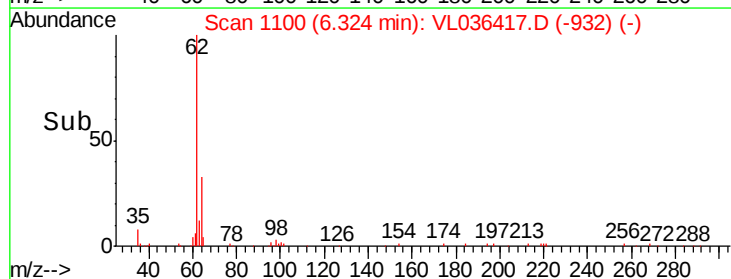
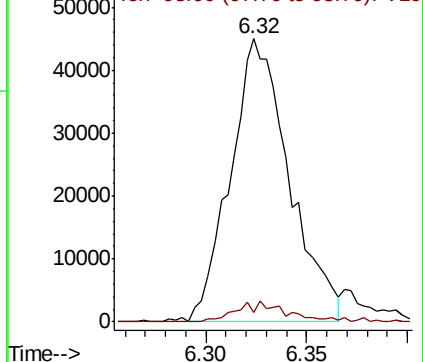
Ion Ratio Lower Upper

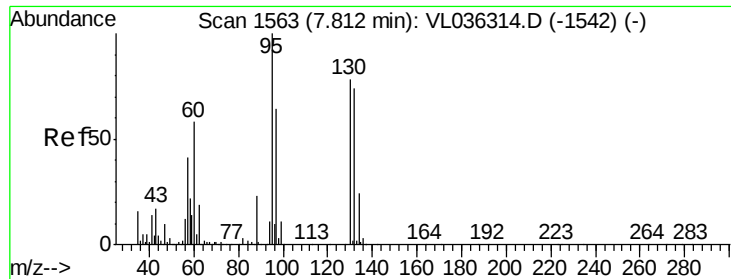
62 100

98 6.8 4.5 6.7#



Abundance Ion 62.10 (61.80 to 62.80): VL0
Ion 98.00 (97.70 to 98.70): VL0

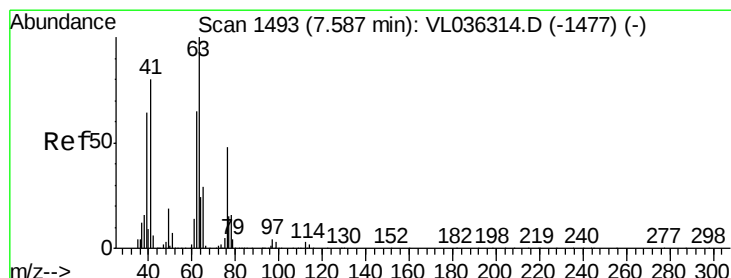
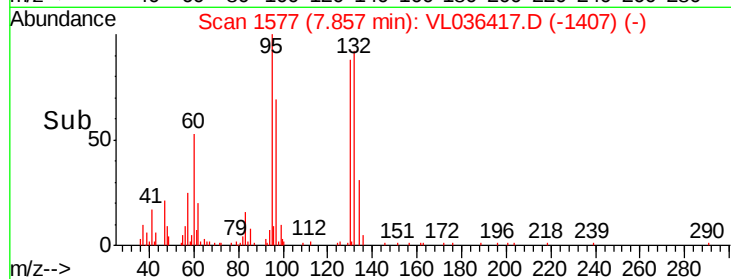
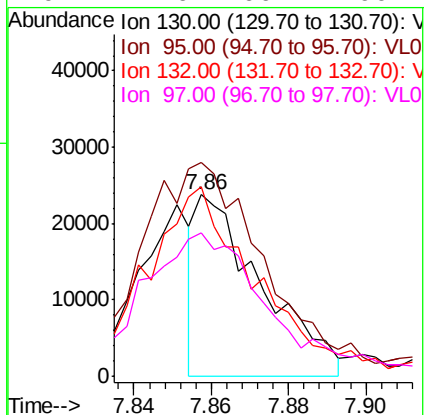
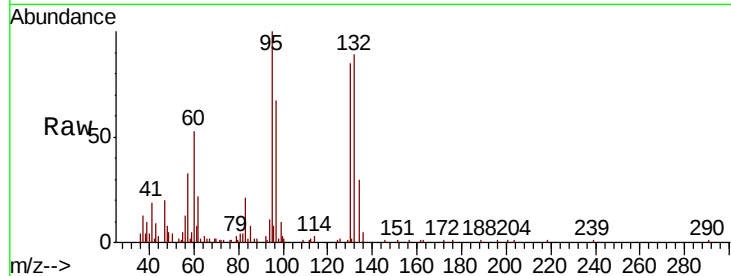




#38
 Trichloroethene
 Concen: 0.242 ppbv
 RT: 7.86 min Scan# 1577
 Delta R.T. 0.05 min
 Lab File: VL036417.D
 Acq: 1 Mar 2021 16:38

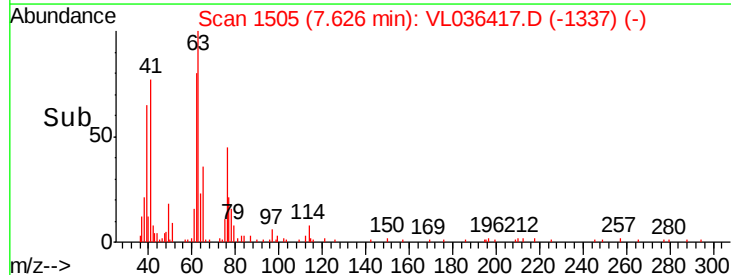
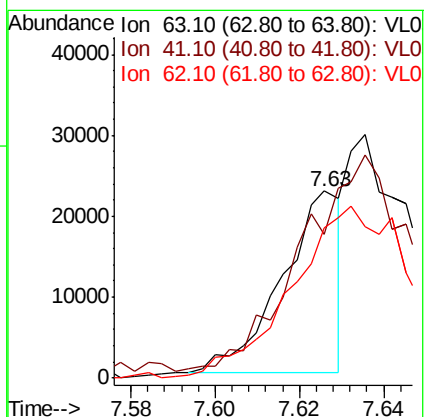
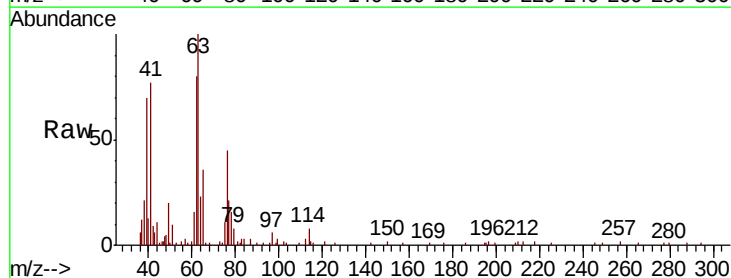
Instrument :
 MSVOA_L
 ClientSampleId :

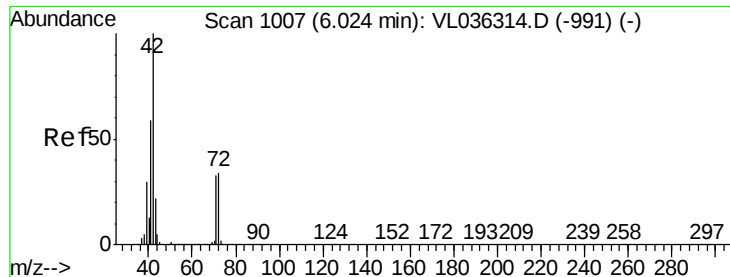
Tot Ion:130 Resp: 27884
 Ion Ratio Lower Upper
 130 100
 95 114.5 102.8 154.2
 132 103.0 75.7 113.5
 97 74.6 66.2 99.2



#39
 1,2-Dichloropropane
 Concen: 0.167 ppbv
 RT: 7.63 min Scan# 1505
 Delta R.T. 0.04 min
 Lab File: VL036417.D
 Acq: 1 Mar 2021 16:38

Tgt Ion: 63 Resp: 21858
 Ion Ratio Lower Upper
 63 100
 41 73.5 63.8 95.6
 62 80.8 52.3 78.5#





#41

Tetrahydrofuran

Concen: 0.185 ppbv

RT: 6.09 min Scan# 1028

Delta R.T. 0.07 min

Lab File: VL036417.D

Acq: 1 Mar 2021 16:38

Instrument :

MSVOA_L

ClientSampleId :

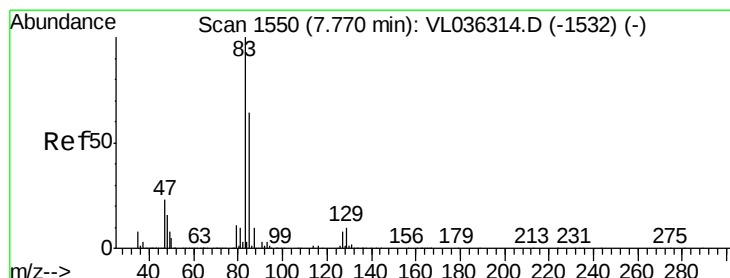
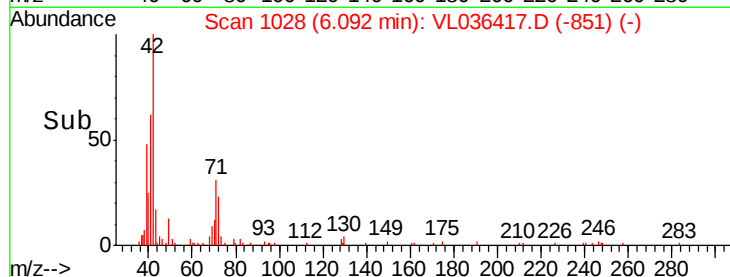
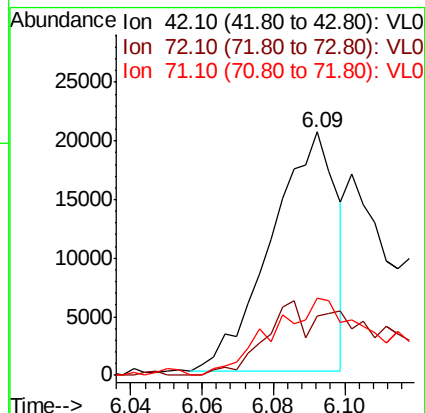
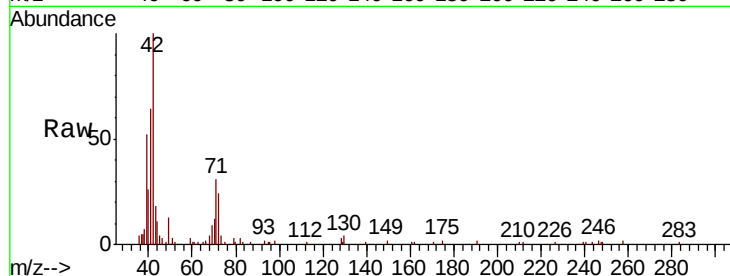
Tot Ion: 42 Resp: 25977

Ion Ratio Lower Upper

42 100

72 65.6 29.3 43.9#

71 64.8 27.8 41.8#



#42

Bromodichloromethane

Concen: 0.448 ppbv

RT: 7.81 min Scan# 1562

Delta R.T. 0.04 min

Lab File: VL036417.D

Acq: 1 Mar 2021 16:38

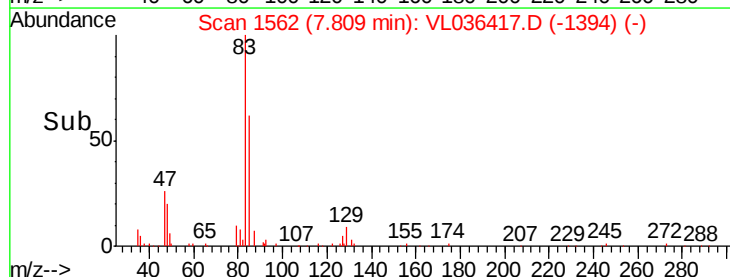
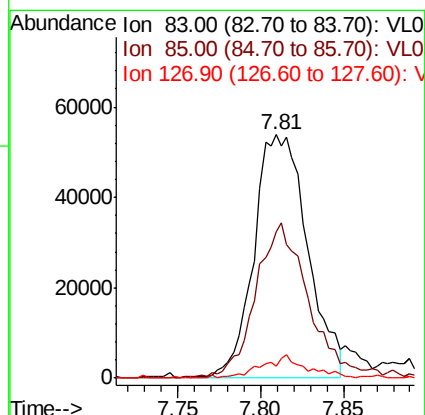
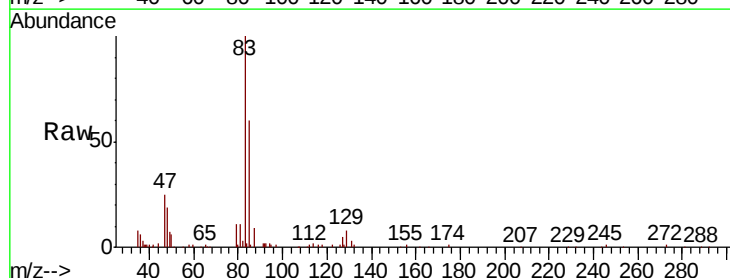
Tgt Ion: 83 Resp: 119256

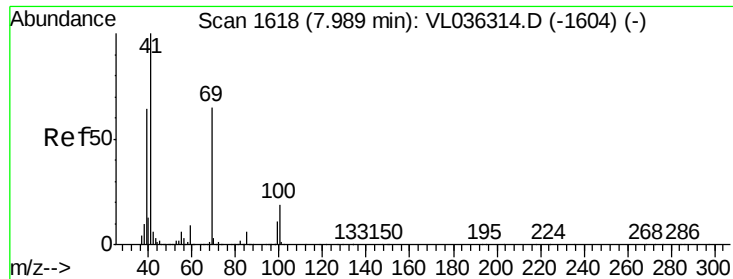
Ion Ratio Lower Upper

83 100

85 59.5 51.1 76.7

127 5.2 6.3 9.5#





#43

Methvl Methacrilate

Concen: 0.126 ppbv

RT: 8.03 min Scan# 1631

Delta R.T. 0.04 min

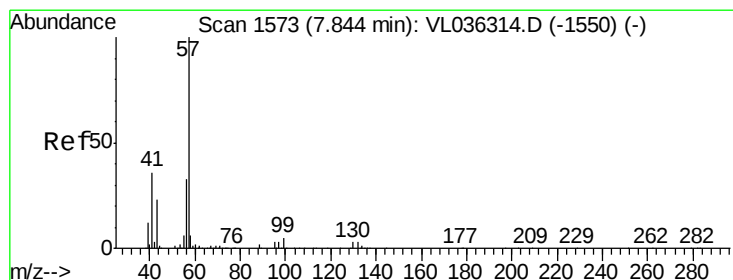
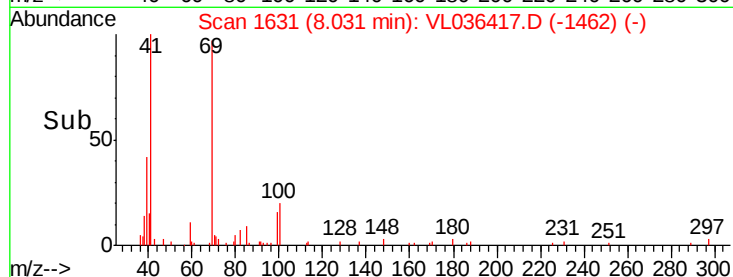
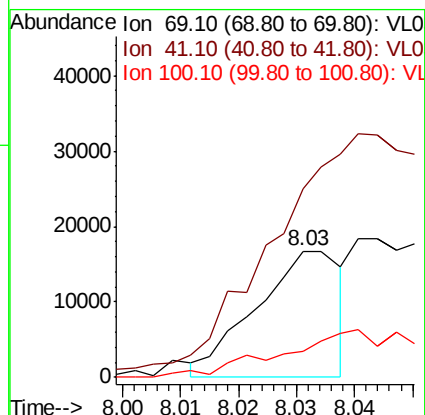
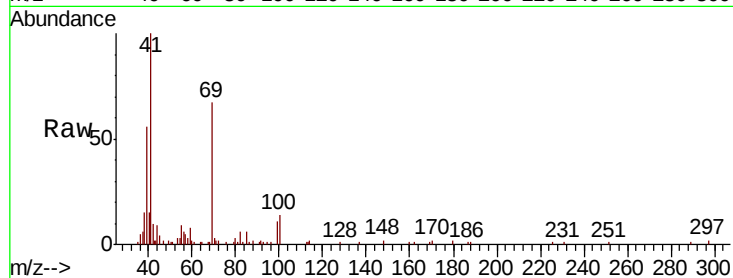
Lab File: VL036417.D

Acq: 1 Mar 2021 16:38

Instrument :
MSVOA_L
ClientSampled :

Tot Ion: 69 Resp: 17025

Ion	Ratio	Lower	Upper
69	100		
41	0.0	126.5	189.7#
100	0.0	23.1	34.7#



#44

2,2,4-Trimethylpentane

Concen: 0.432 ppbv

RT: 7.89 min Scan# 1587

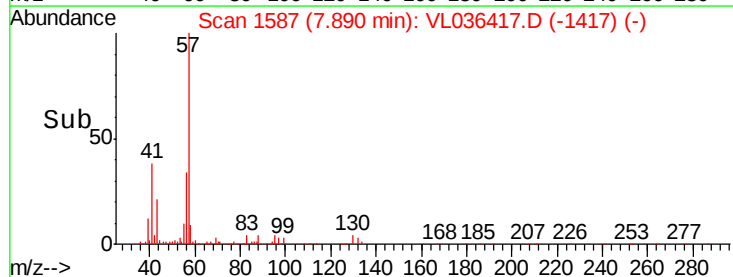
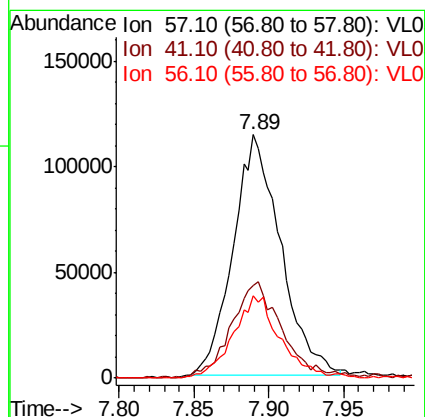
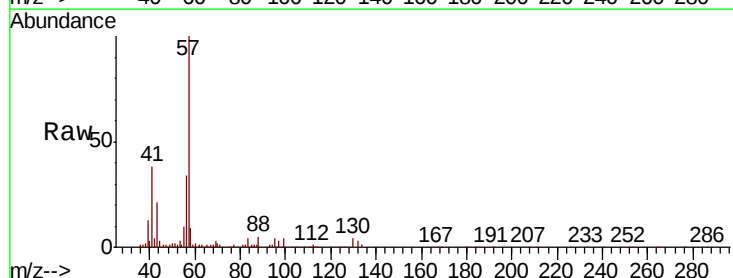
Delta R.T. 0.05 min

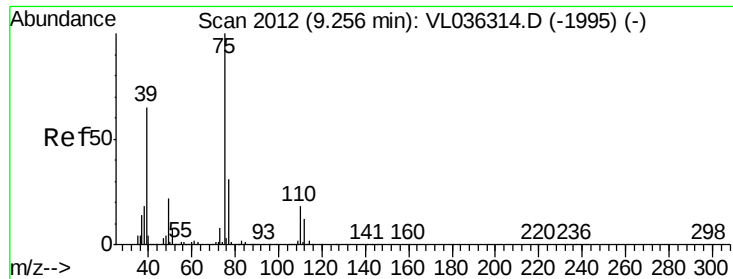
Lab File: VL036417.D

Acq: 1 Mar 2021 16:38

Tgt Ion: 57 Resp: 252767

Ion	Ratio	Lower	Upper
57	100		
41	43.1	28.8	43.2
56	34.1	25.8	38.6

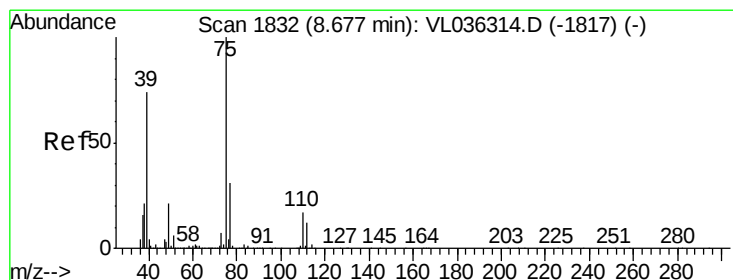
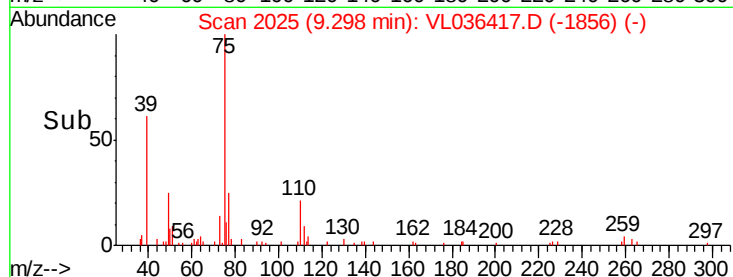
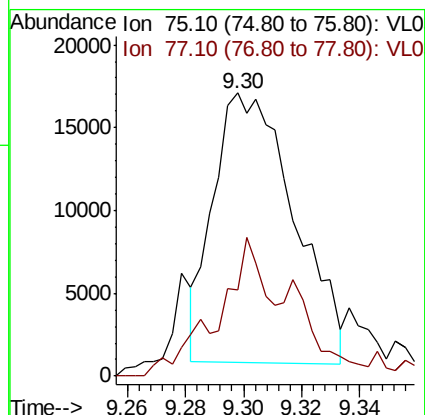
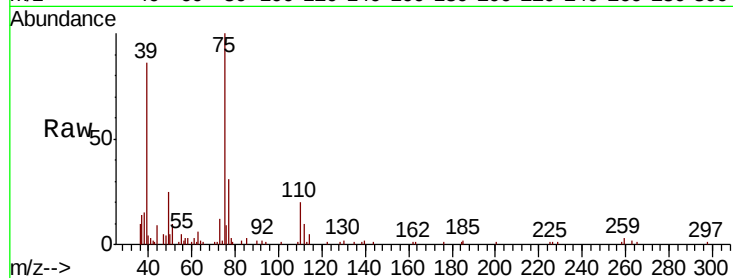




#45
 t-1,3-Dichloropropene
 Concen: 0.241 ppbv
 RT: 9.30 min Scan# 2025
 Delta R.T. 0.04 min
 Lab File: VL036417.D
 Acq: 1 Mar 2021 16:38

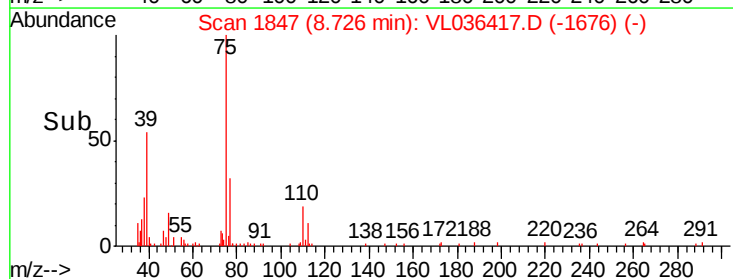
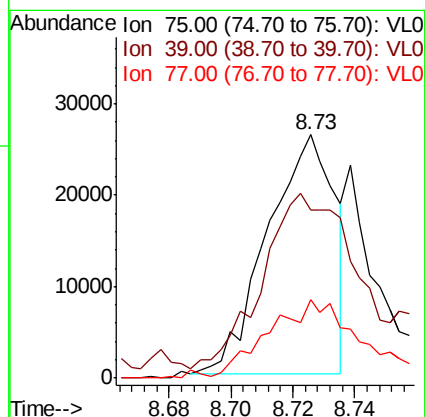
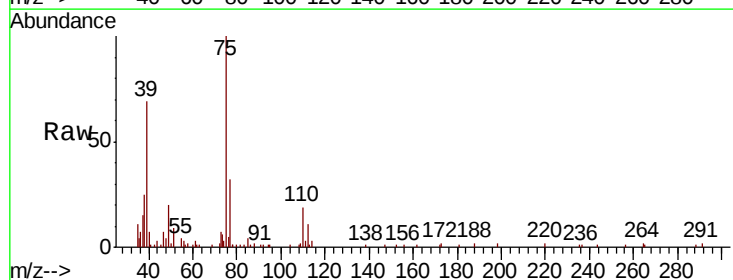
Instrument :
 MSVOA_L
 ClientSampleId :

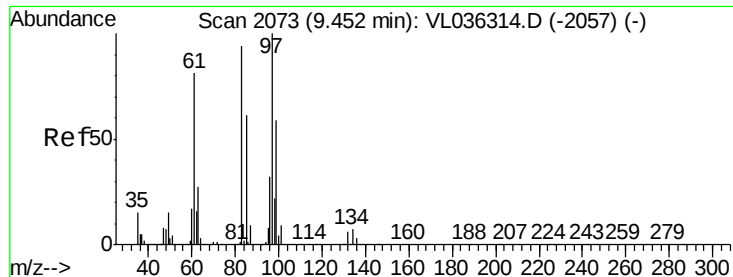
Tot Ion: 75 Resp: 31528
 Ion Ratio Lower Upper
 75 100
 77 30.6 24.6 37.0



#46
 cis-1,3-Dichloropropene
 Concen: 0.236 ppbv
 RT: 8.73 min Scan# 1847
 Delta R.T. 0.05 min
 Lab File: VL036417.D
 Acq: 1 Mar 2021 16:38

Tgt Ion: 75 Resp: 39197
 Ion Ratio Lower Upper
 75 100
 39 66.1 59.2 88.8
 77 29.3 25.0 37.6

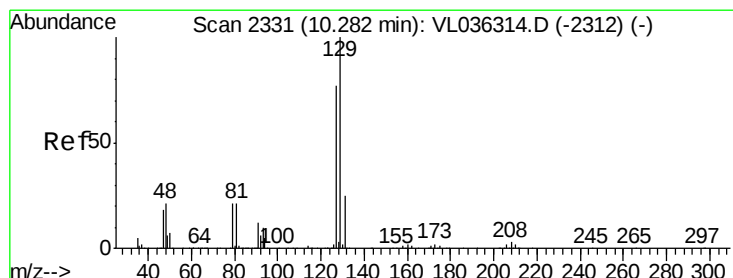
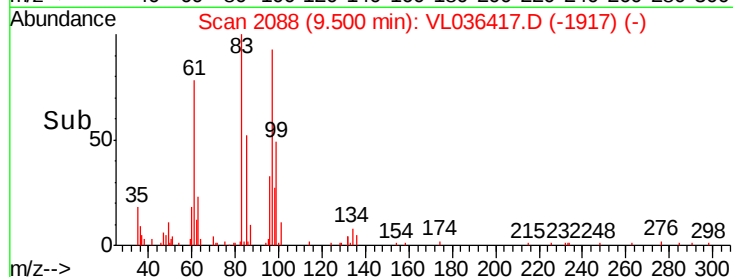
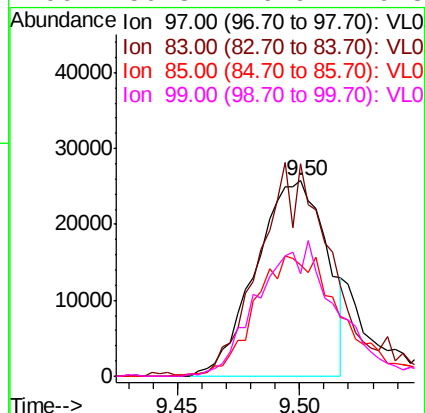
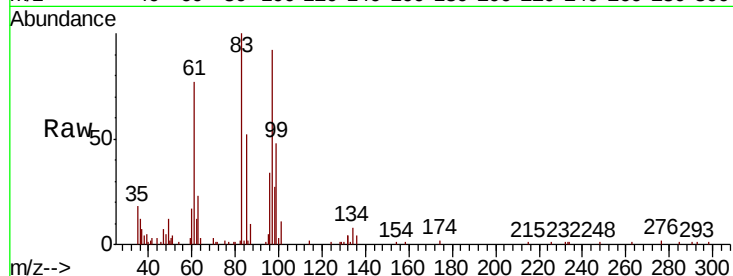




#47
 1,1,2-Trichloroethane
 Concen: 0.388 ppbv
 RT: 9.50 min Scan# 2088
 Delta R.T. 0.05 min
 Lab File: VL036417.D
 Acq: 1 Mar 2021 16:38

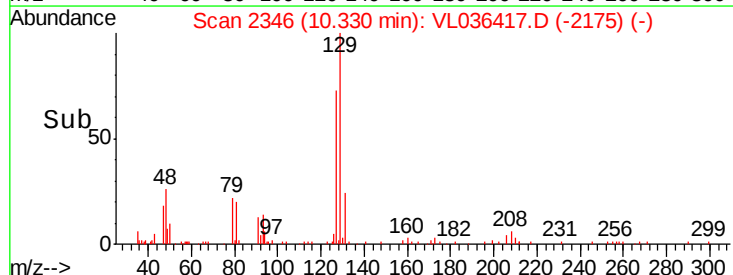
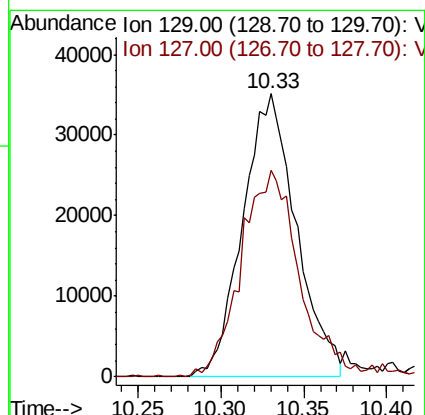
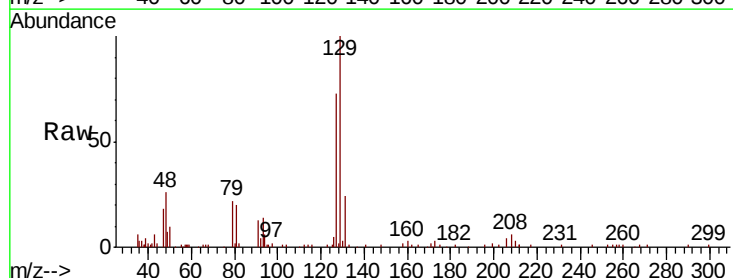
Instrument :
 MSVOA_L
 ClientSampleId :

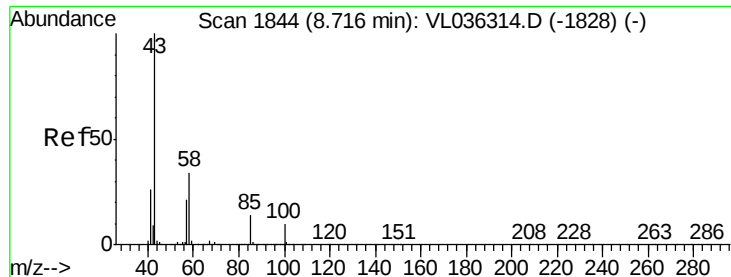
Tot Ion: 97 Resp: 51841
 Ion Ratio Lower Upper
 97 100
 83 108.1 75.4 113.0
 85 55.5 48.9 73.3
 99 50.8 46.9 70.3



#48
 Dibromochloromethane
 Concen: 0.395 ppbv
 RT: 10.33 min Scan# 2346
 Delta R.T. 0.05 min
 Lab File: VL036417.D
 Acq: 1 Mar 2021 16:38

Tgt Ion: 129 Resp: 78765
 Ion Ratio Lower Upper
 129 100
 127 81.7 39.1 117.2

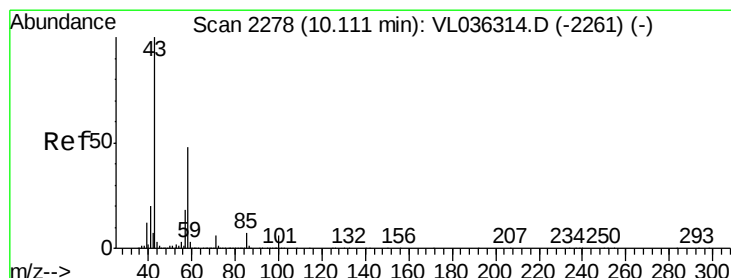
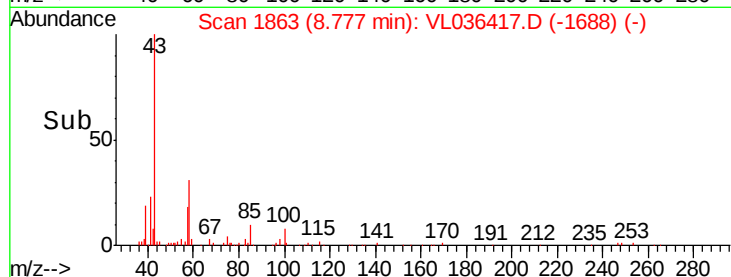
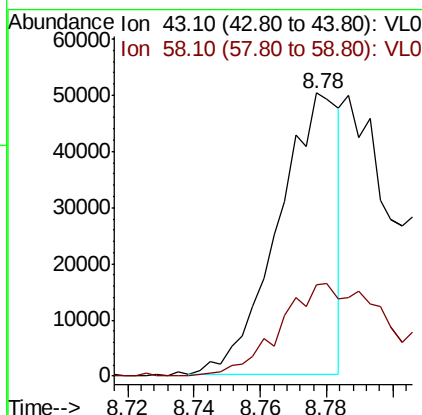
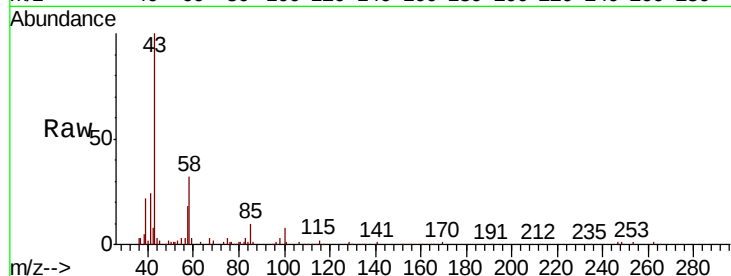




#50
4-Methyl-2-Pentanone
Concen: 0.172 ppbv
RT: 8.78 min Scan# 1863
Delta R.T. 0.06 min
Lab File: VL036417.D
Acq: 1 Mar 2021 16:38

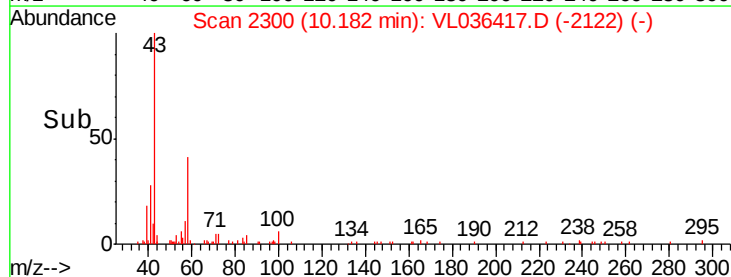
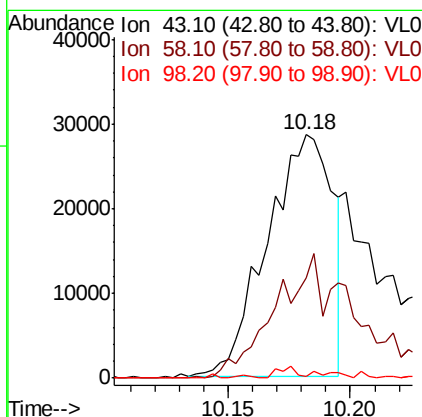
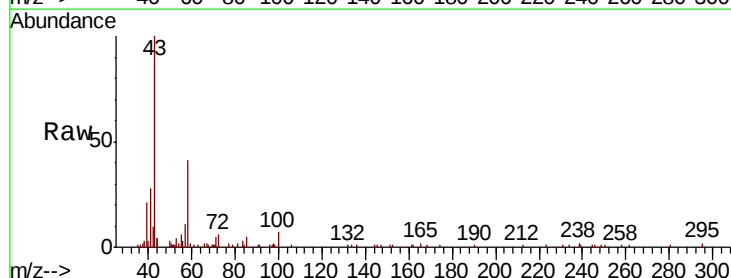
Instrument :
MSVOA_L
ClientSampleID :

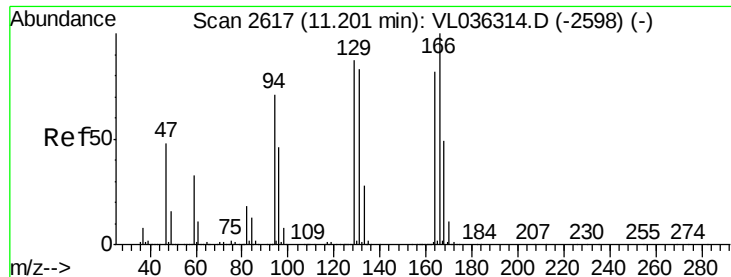
Tot Ion: 43 Resp: 64034
Ion Ratio Lower Upper
43 100
58 74.2 27.8 41.6#



#51
2-Hexanone
Concen: 0.187 ppbv
RT: 10.18 min Scan# 2300
Delta R.T. 0.07 min
Lab File: VL036417.D
Acq: 1 Mar 2021 16:38

Tgt Ion: 43 Resp: 53072
Ion Ratio Lower Upper
43 100
58 69.3 38.7 58.1#
98 4.1 0.4 0.6#





#52

Tetrachloroethene

Concen: 0.356 ppbv

RT: 11.25 min Scan# 2631

Delta R.T. 0.05 min

Lab File: VL036417.D

Acq: 1 Mar 2021 16:38

Instrument :

MSVOA_L

ClientSampleId :

Tot Ion:164 Resp: 41921

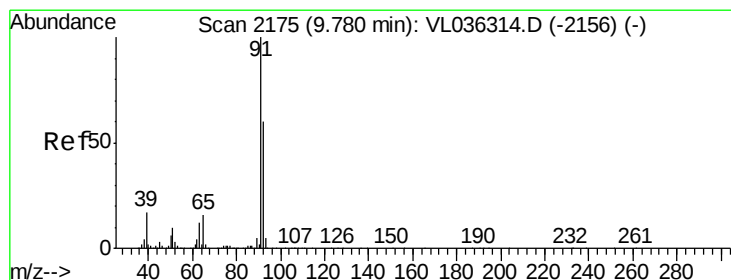
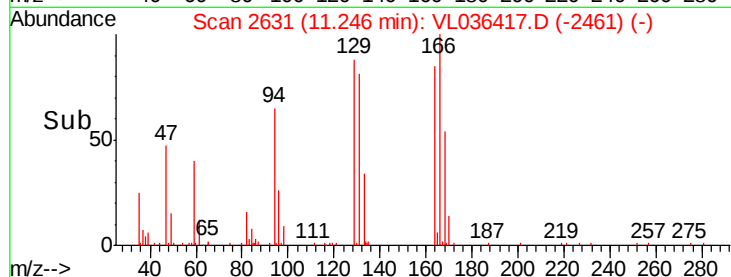
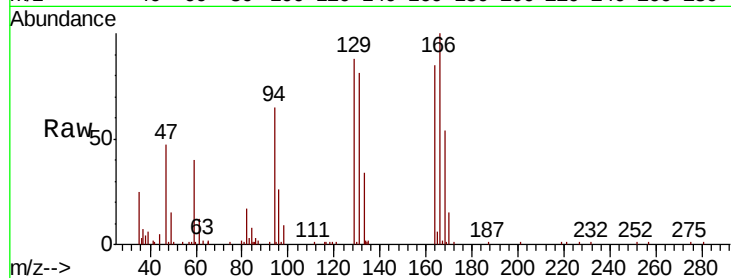
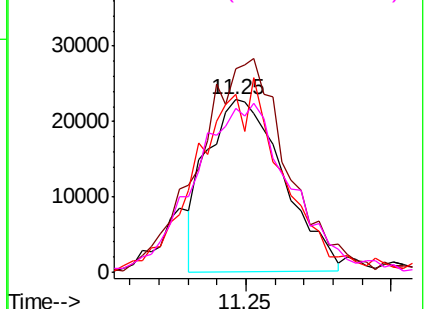
Ion	Ratio	Lower	Upper
164	100		
166	108.8	97.8	146.8
129	101.8	84.9	127.3
131	88.0	81.4	122.2

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: 0.346 ppbv

RT: 9.83 min Scan# 2191

Delta R.T. 0.05 min

Lab File: VL036417.D

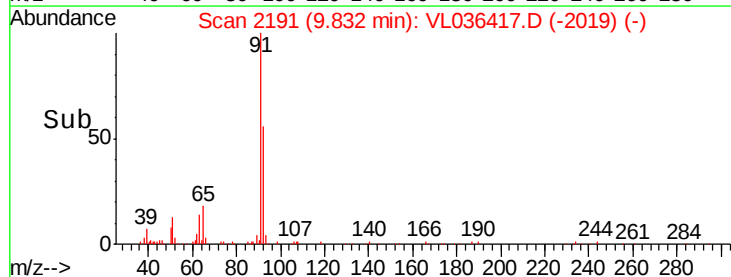
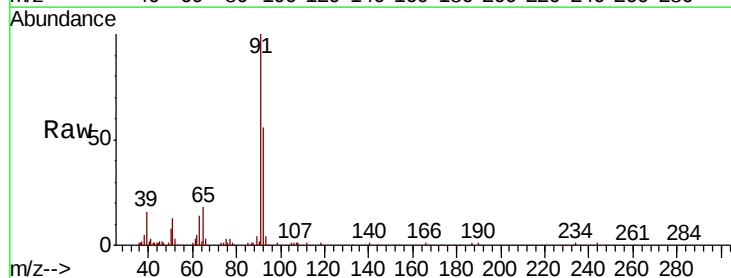
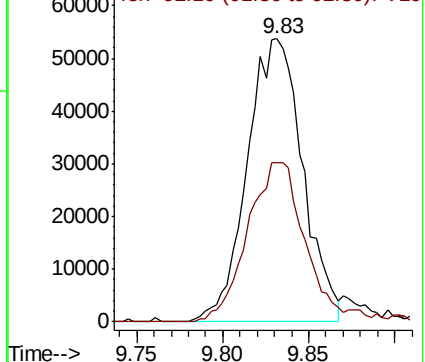
Acq: 1 Mar 2021 16:38

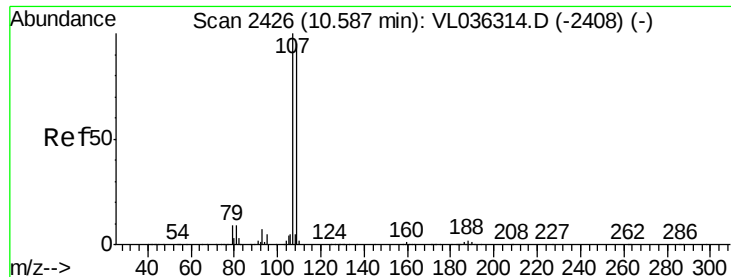
Tgt Ion: 91 Resp: 120350

Ion	Ratio	Lower	Upper
91	100		
92	60.2	48.6	72.8

Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 92.10 (91.80 to 92.80): VL0

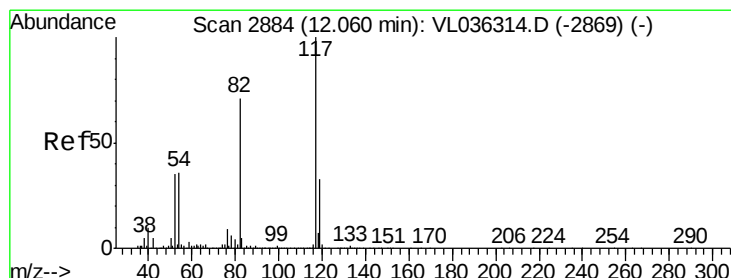
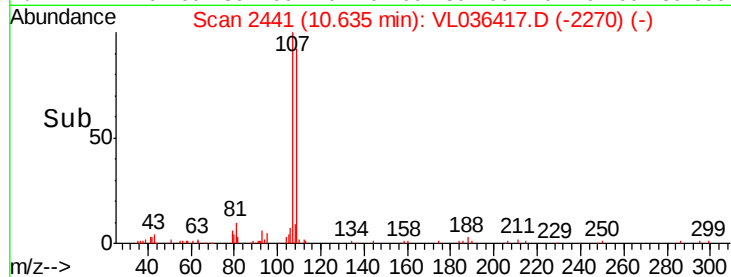
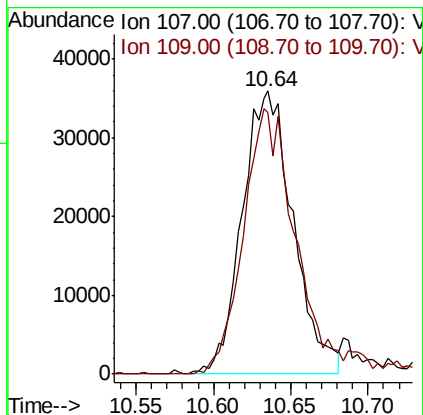
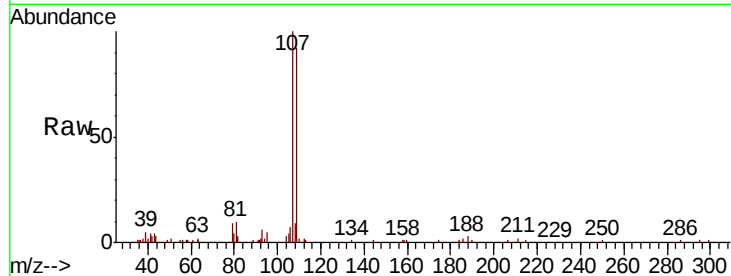




#54
1,2-Dibromoethane
Concen: 0.427 ppbv
RT: 10.64 min Scan# 2441
Delta R.T. 0.05 min
Lab File: VL036417.D
Acq: 1 Mar 2021 16:38

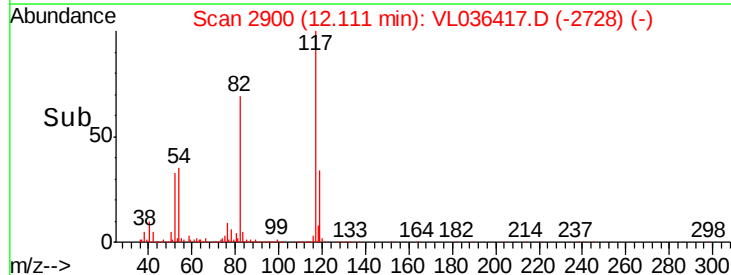
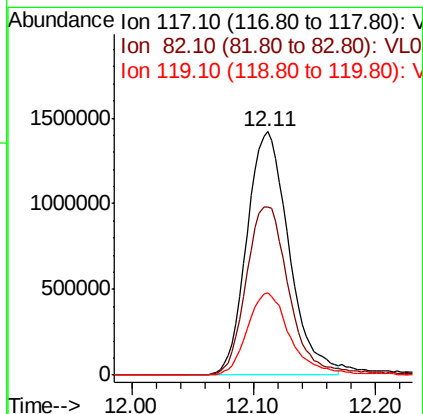
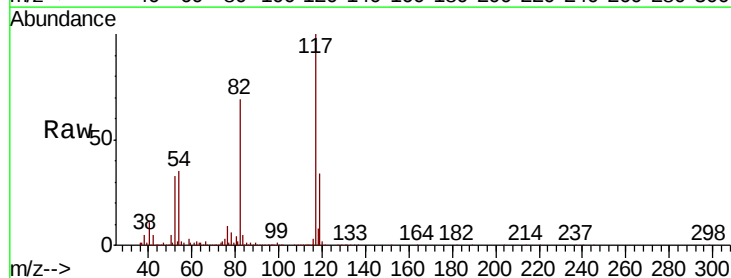
Instrument :
MSVOA_L
ClientSampleId :

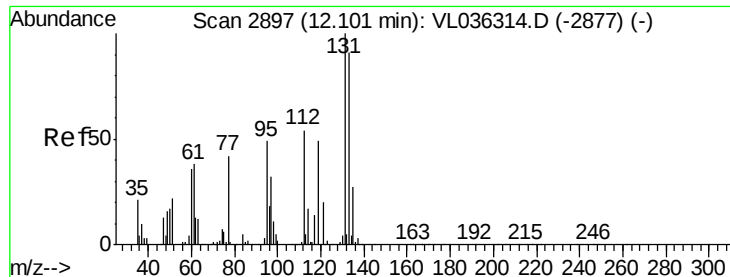
Tot Ion:107 Resp: 82367
Ion Ratio Lower Upper
107 100
109 92.5 76.0 114.0



#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.11 min Scan# 2900
Delta R.T. 0.05 min
Lab File: VL036417.D
Acq: 1 Mar 2021 16:38

Tgt Ion:117 Resp: 3389990
Ion Ratio Lower Upper
117 100
82 71.8 59.1 88.7
119 35.1 46.3 69.5#





#56

1,1,1,2-Tetrachloroethane

Concen: 0.479 ppbv

RT: 12.15 min Scan# 2912

Delta R.T. 0.05 min

Lab File: VL036417.D

Acq: 1 Mar 2021 16:38

Instrument :

MSVOA_L

ClientSampleId :

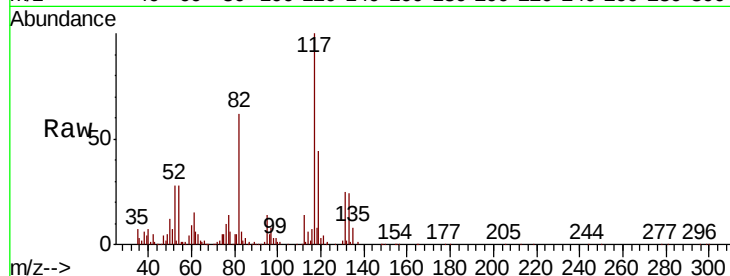
Tot Ion:131 Resp: 74698

Ion Ratio Lower Upper

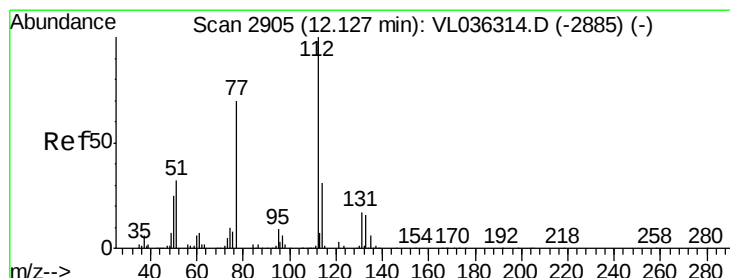
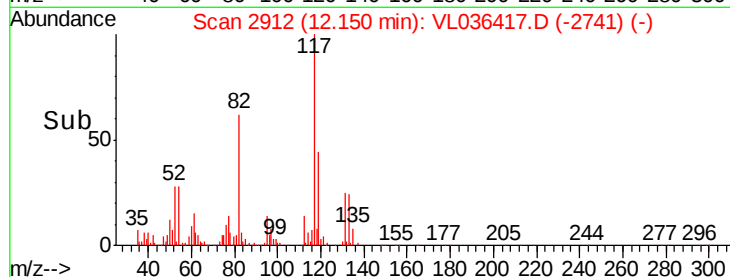
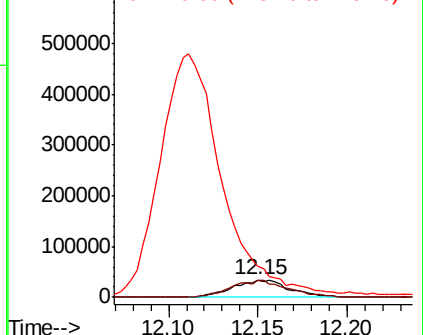
131 100

133 104.1 76.0 114.0

119 1590.9 115.1 172.7#



Abundance Ion 131.00 (130.70 to 131.70): V
Ion 133.00 (132.70 to 133.70): V
Ion 119.00 (118.70 to 119.70): V



#57

Chlorobenzene

Concen: 0.206 ppbv

RT: 12.18 min Scan# 2920

Delta R.T. 0.05 min

Lab File: VL036417.D

Acq: 1 Mar 2021 16:38

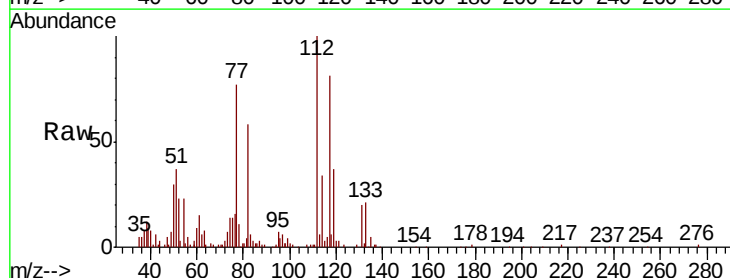
Tgt Ion:112 Resp: 54051

Ion Ratio Lower Upper

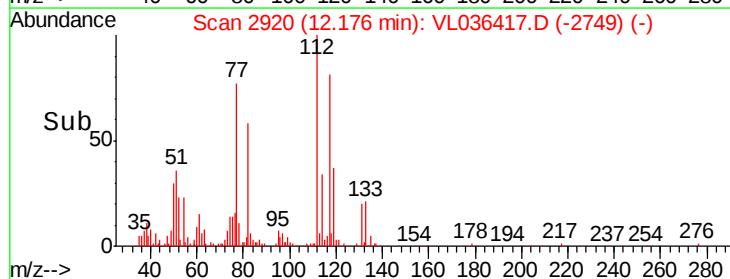
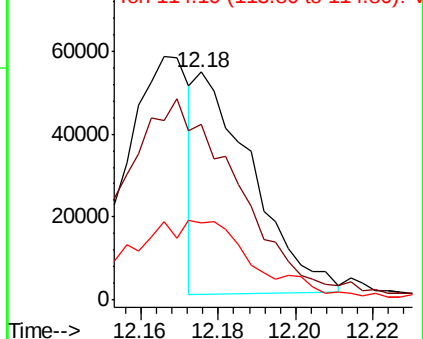
112 100

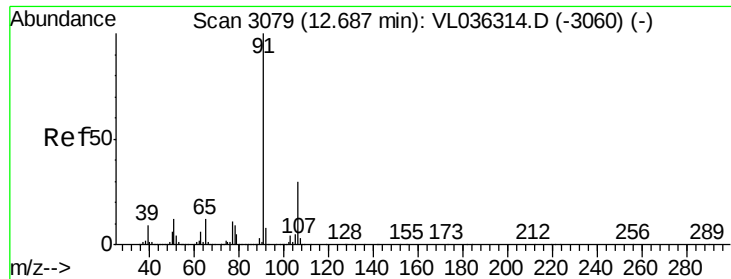
77 75.5 56.1 84.1

114 32.0 28.3 34.5



Abundance Ion 112.10 (111.80 to 112.80): V
Ion 77.10 (76.80 to 77.80): V
Ion 114.10 (113.80 to 114.80): V





#58

Ethyl Benzene

Concen: 0.377 ppbv

RT: 12.74 min Scan# 3095

Delta R.T. 0.05 min

Lab File: VL036417.D

Acq: 1 Mar 2021 16:38

Instrument :

MSVOA_L

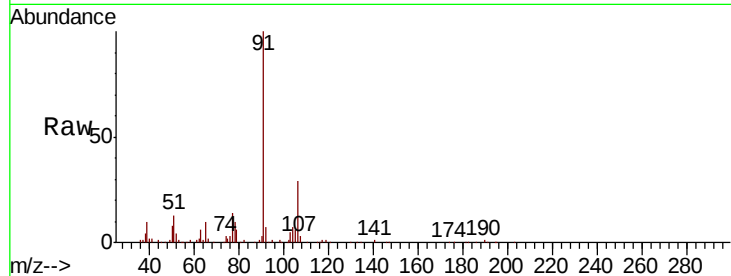
ClientSampleId :

Tot Ion: 91 Resp: 174802

Ion Ratio Lower Upper

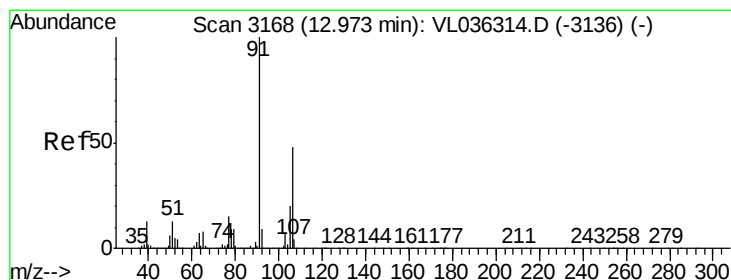
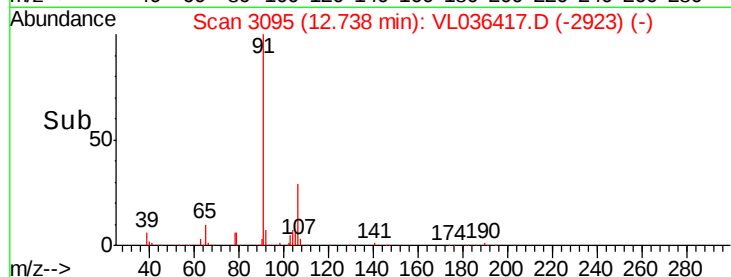
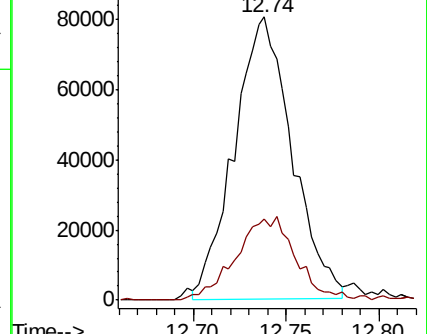
91 100

106 27.7 23.8 35.6



Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 106.10 (105.80 to 106.80): V



#59

m/p-Xylene

Concen: 0.273 ppbv

RT: 13.02 min Scan# 3184

Delta R.T. 0.05 min

Lab File: VL036417.D

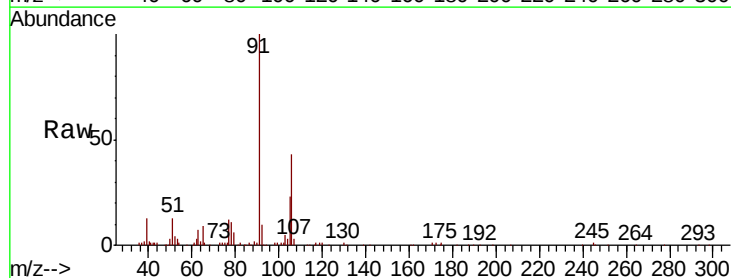
Acq: 1 Mar 2021 16:38

Tgt Ion: 91 Resp: 111380

Ion Ratio Lower Upper

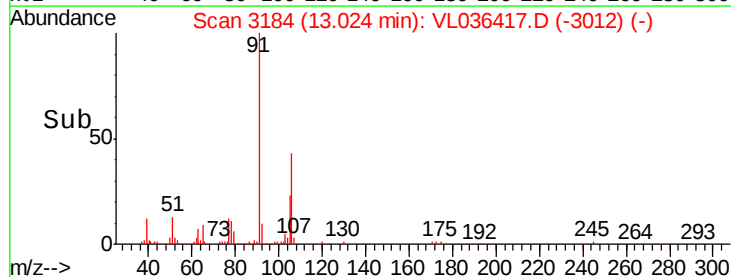
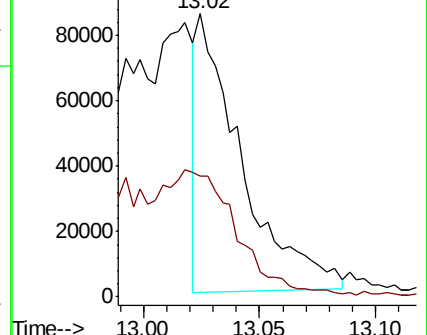
91 100

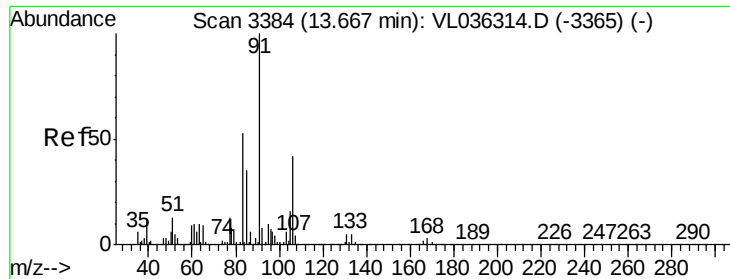
106 0.0 34.2 51.2#



Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 106.10 (105.80 to 106.80): V

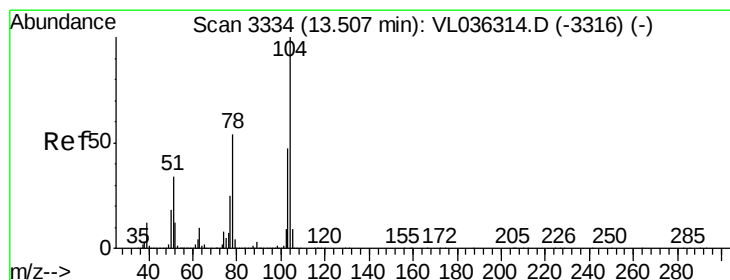
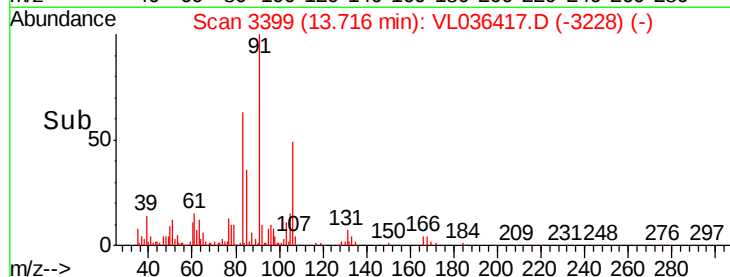
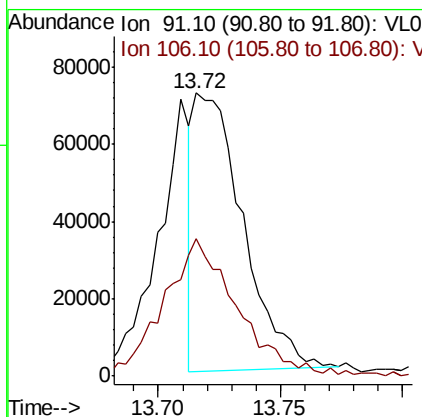
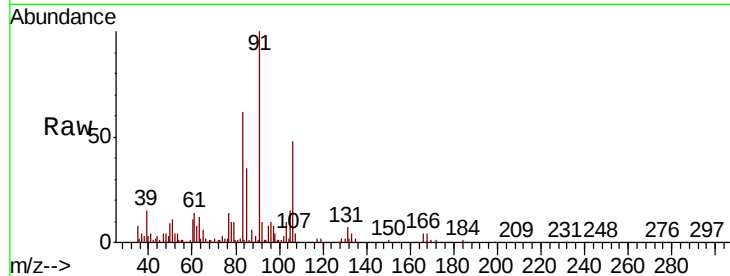




#60
o-Xylene
Concen: 0.256 ppbv
RT: 13.72 min Scan# 3399
Delta R.T. 0.05 min
Lab File: VL036417.D
Acq: 1 Mar 2021 16:38

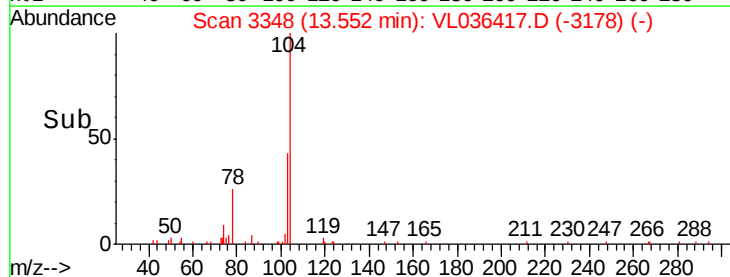
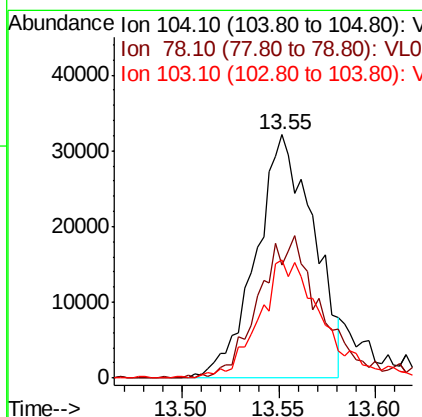
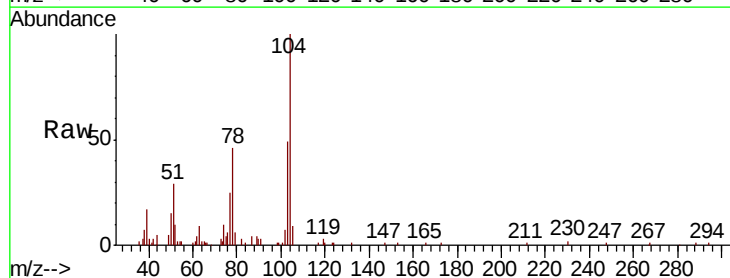
Instrument :
MSVOA_L
ClientSampleId :

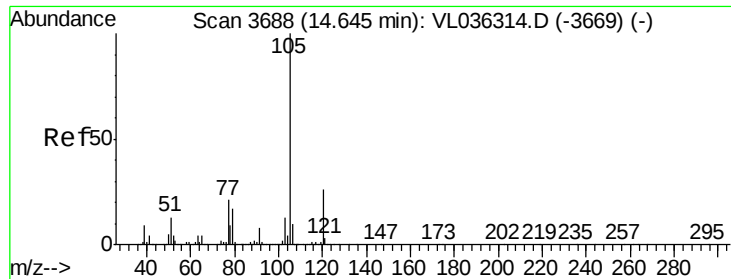
Tot Ion: 91 Resp: 99916
Ion Ratio Lower Upper
91 100
106 75.8 22.0 66.0#



#61
Styrene
Concen: 0.275 ppbv
RT: 13.55 min Scan# 3348
Delta R.T. 0.05 min
Lab File: VL036417.D
Acq: 1 Mar 2021 16:38

Tgt Ion: 104 Resp: 66530
Ion Ratio Lower Upper
104 100
78 64.4 46.2 69.2
103 55.6 38.3 57.5





#62

Isopropylbenzene

Concen: 0.452 ppbv

RT: 14.69 min Scan# 3703

Delta R.T. 0.05 min

Lab File: VL036417.D

Acq: 1 Mar 2021 16:38

Instrument :

MSVOA_L

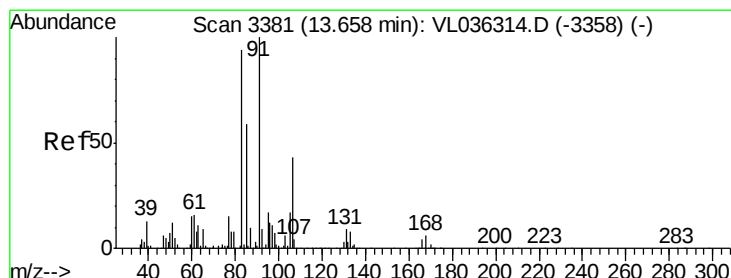
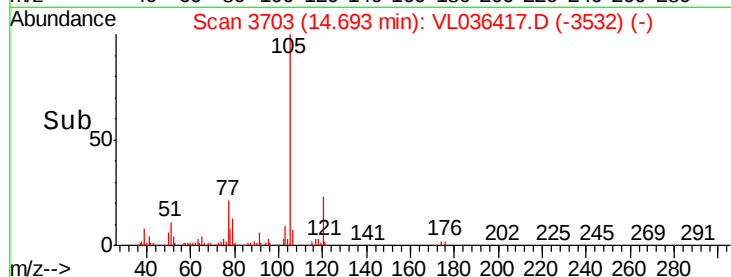
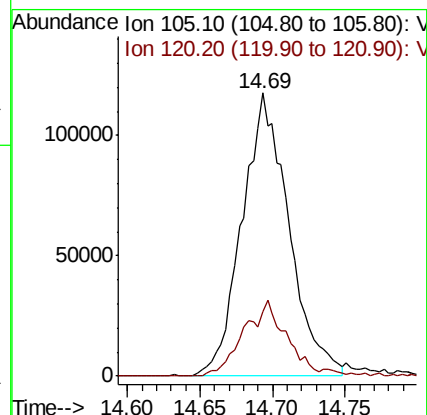
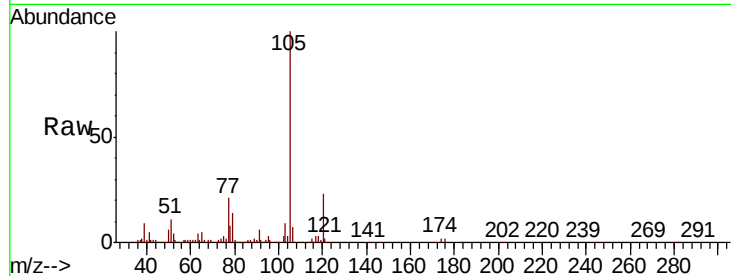
ClientSampleId :

Tot Ion:105 Resp: 263904

Ion Ratio Lower Upper

105 100

120 25.9 20.6 30.8



#63

1,1,2,2-Tetrachloroethane

Concen: 0.480 ppbv

RT: 13.70 min Scan# 3395

Delta R.T. 0.05 min

Lab File: VL036417.D

Acq: 1 Mar 2021 16:38

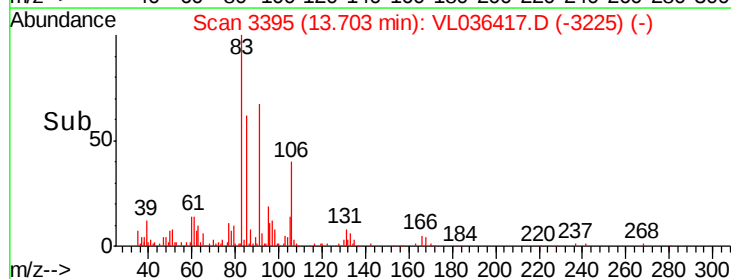
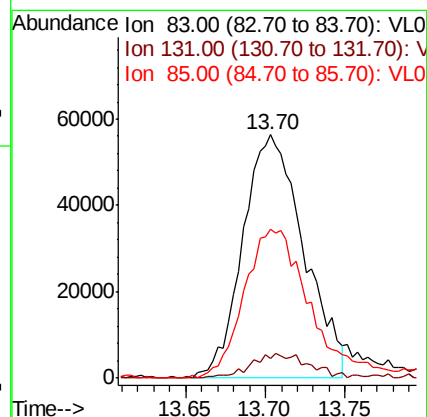
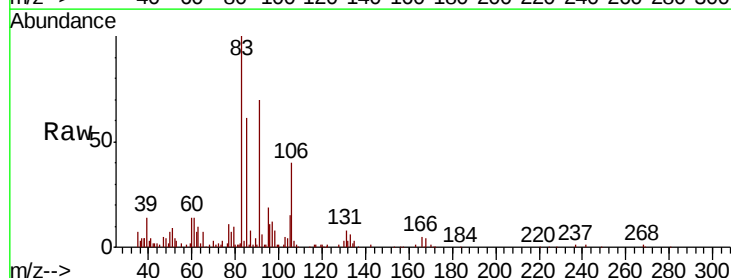
Tgt Ion: 83 Resp: 147741

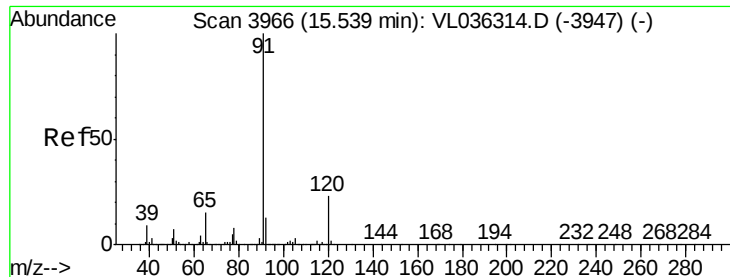
Ion Ratio Lower Upper

83 100

131 10.2 4.7 14.0

85 66.1 33.0 98.9





#64

n-propylbenzene

Concen: 0.403 ppbv

RT: 15.59 min Scan# 3981

Delta R.T. 0.05 min

Lab File: VL036417.D

Acq: 1 Mar 2021 16:38

Instrument :

MSVOA_L

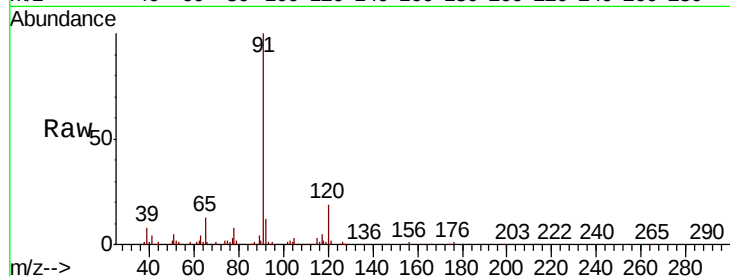
ClientSampleId :

Tot Ion:120 Resp: 58016

Ion Ratio Lower Upper

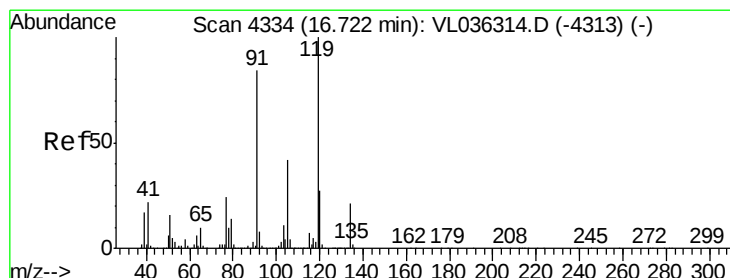
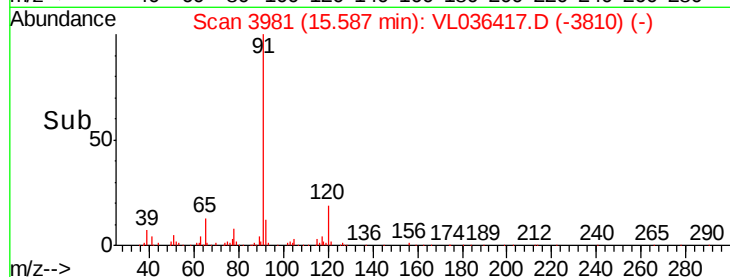
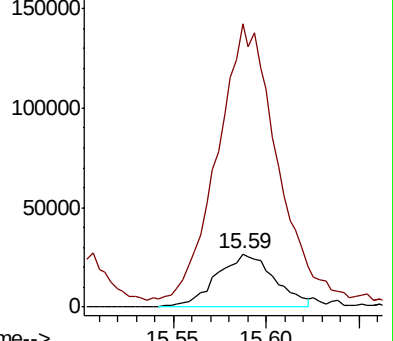
120 100

91 575.7 387.2 580.8



Abundance Ion 120.20 (119.90 to 120.90): V

Ion 91.10 (90.80 to 91.80): VL0



#65

tert-Butylbenzene

Concen: 0.412 ppbv

RT: 16.77 min Scan# 4350

Delta R.T. 0.05 min

Lab File: VL036417.D

Acq: 1 Mar 2021 16:38

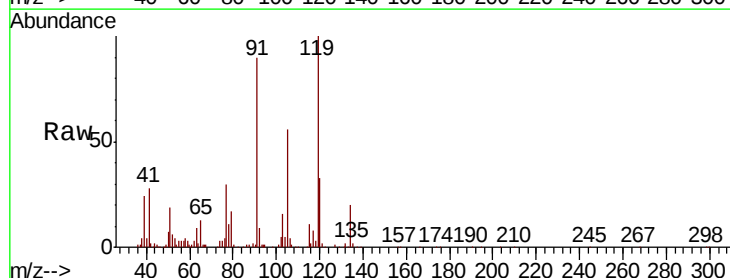
Tgt Ion:119 Resp: 206198

Ion Ratio Lower Upper

119 100

91 99.5 70.5 105.7

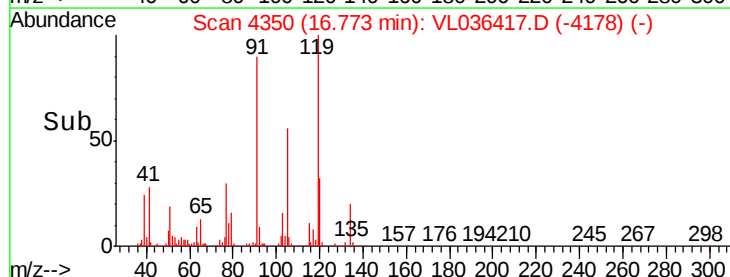
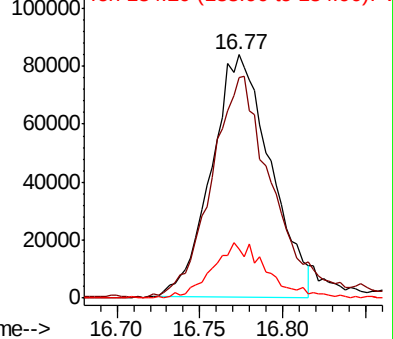
134 21.5 15.8 23.8

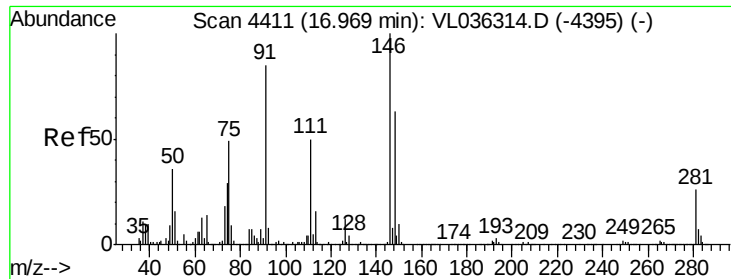


Abundance Ion 119.20 (118.90 to 119.90): V

Ion 91.10 (90.80 to 91.80): VL0

Ion 134.20 (133.90 to 134.90): V

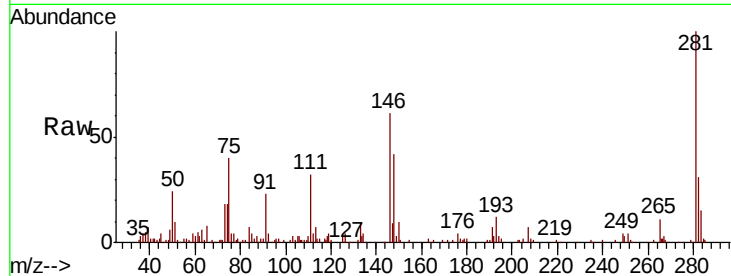




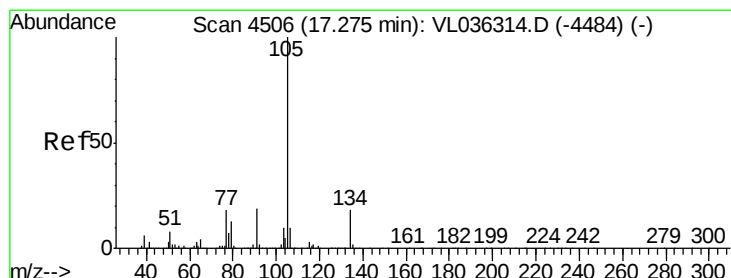
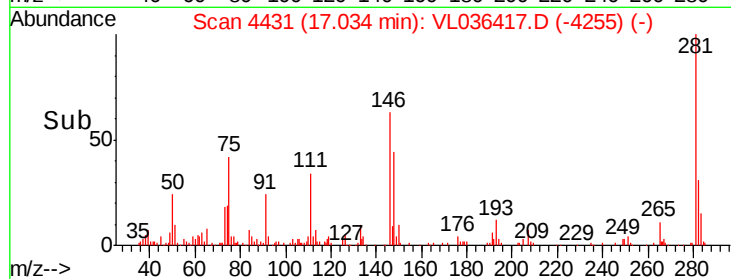
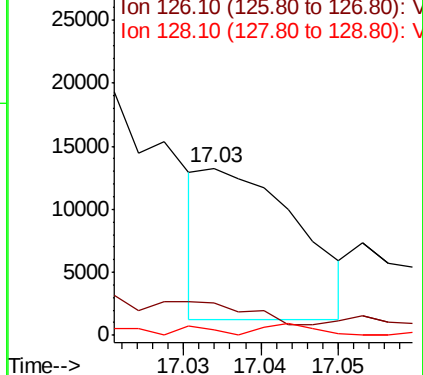
#66
Benzyl Chloride
Concen: 0.076 ppbv
RT: 17.03 min Scan# 4431
Delta R.T. 0.06 min
Lab File: VL036417.D
Acq: 1 Mar 2021 16:38

Instrument :
MSVOA_L
ClientSampled :

Tot Ion: 91 Resp: 10317
Ion Ratio Lower Upper
91 100
126 0.0 12.9 19.3#
128 0.0 4.2 6.2#

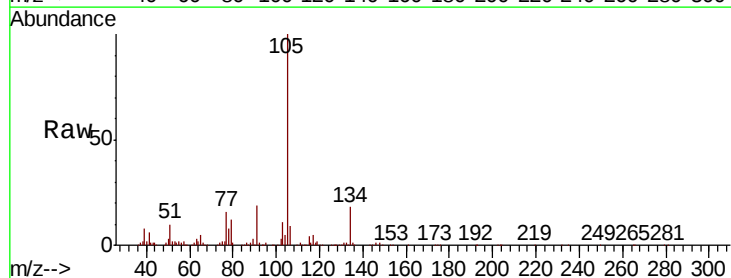


Abundance Ion 91.10 (90.80 to 91.80): VL0
Ion 126.10 (125.80 to 126.80): V
Ion 128.10 (127.80 to 128.80): V

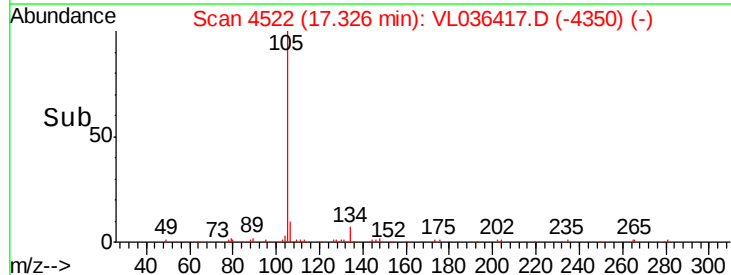
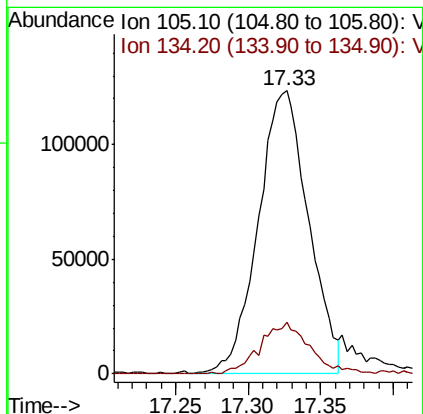


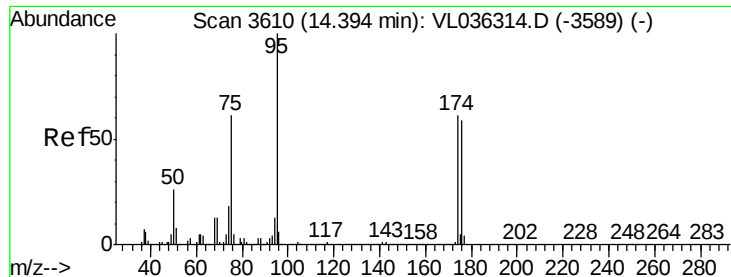
#67
sec-Butylbenzene
Concen: 0.413 ppbv
RT: 17.33 min Scan# 4522
Delta R.T. 0.05 min
Lab File: VL036417.D
Acq: 1 Mar 2021 16:38

Tgt Ion: 105 Resp: 298060
Ion Ratio Lower Upper
105 100
134 18.1 14.2 21.4



Abundance Ion 105.10 (104.80 to 105.80): V
Ion 134.20 (133.90 to 134.90): V





#68

1-Bromo-4-Fluorobenzene

Concen: 10.035 ppbv

RT: 14.44 min Scan# 3625

Delta R.T. 0.05 min

Lab File: VL036417.D

Acq: 1 Mar 2021 16:38

Instrument :

MSVOA_L

ClientSampled :

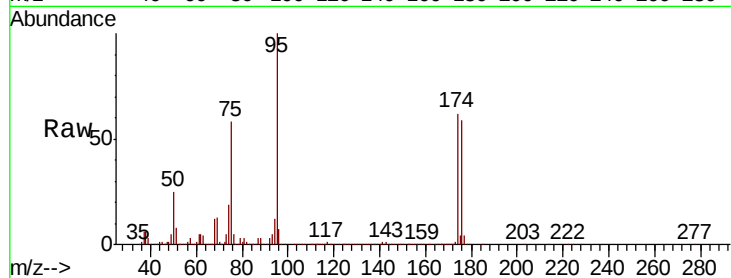
Tot Ion: 95 Resp: 2798973

Ion Ratio Lower Upper

95 100

174 62.7 49.8 74.6

175 4.6 3.7 5.5



Abundance Ion 95.10 (94.80 to 95.80): VL036417.D (-3589) (-)

Ion 174.00 (173.70 to 174.70): VL036417.D (-3589) (-)

Ion 175.00 (174.70 to 175.70): VL036417.D (-3589) (-)

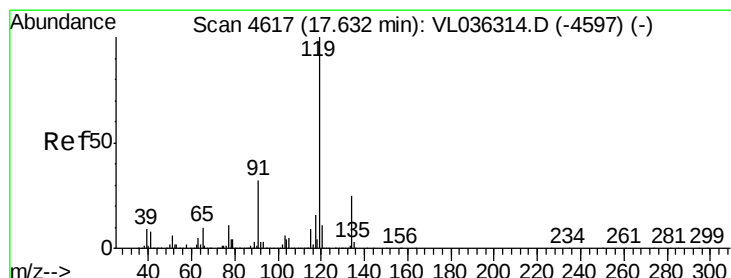
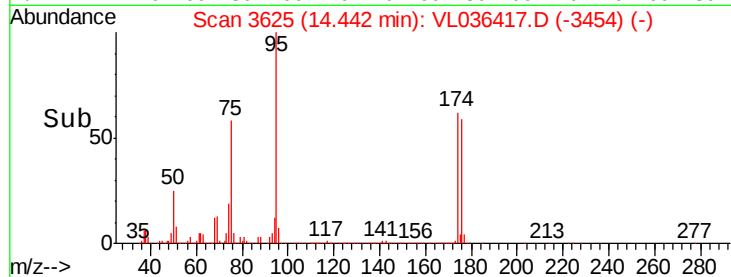
14.44

1000000

500000

0

Time-->



#69

p-Isopropyltoluene

Concen: 0.180 ppbv

RT: 17.69 min Scan# 4634

Delta R.T. 0.05 min

Lab File: VL036417.D

Acq: 1 Mar 2021 16:38

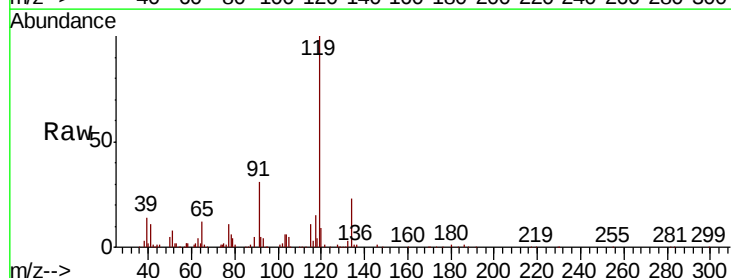
Tgt Ion: 119 Resp: 100055

Ion Ratio Lower Upper

119 100

134 0.0 20.1 30.1#

91 75.8 25.8 38.6#



Abundance Ion 119.10 (118.80 to 119.80): VL036417.D (-4597) (-)

Ion 134.20 (133.90 to 134.90): VL036417.D (-4597) (-)

Ion 91.10 (90.80 to 91.80): VL036417.D (-4597) (-)

17.69

100000

80000

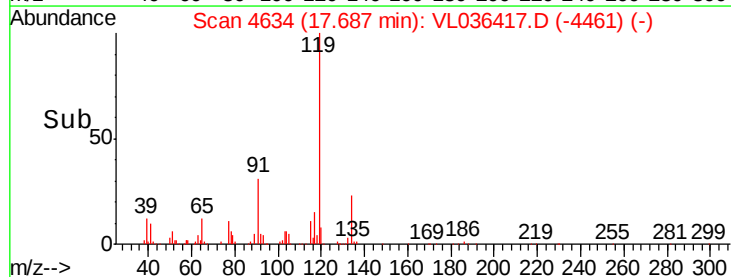
60000

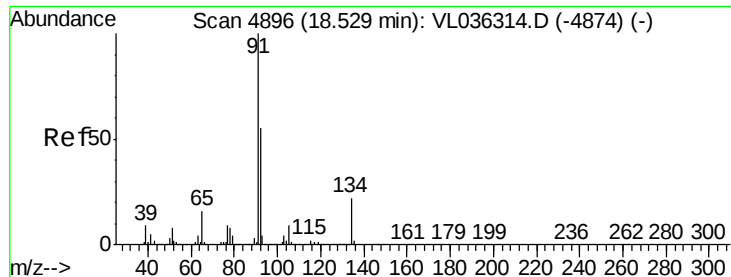
40000

20000

0

Time-->

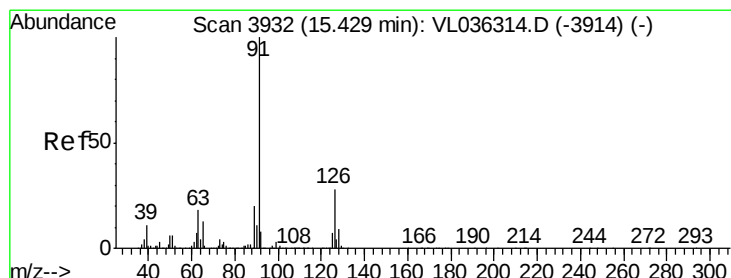
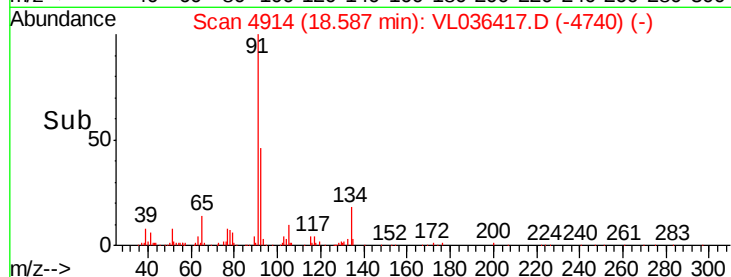
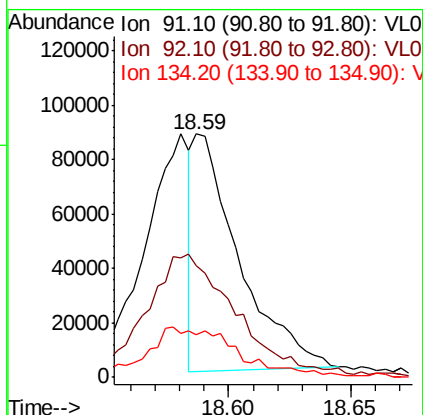
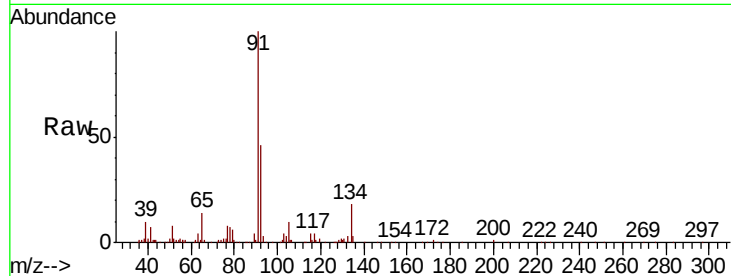




#70
n-Butylbenzene
Concen: 0.187 ppbv
RT: 18.59 min Scan# 4914
Delta R.T. 0.06 min
Lab File: VL036417.D
Acq: 1 Mar 2021 16:38

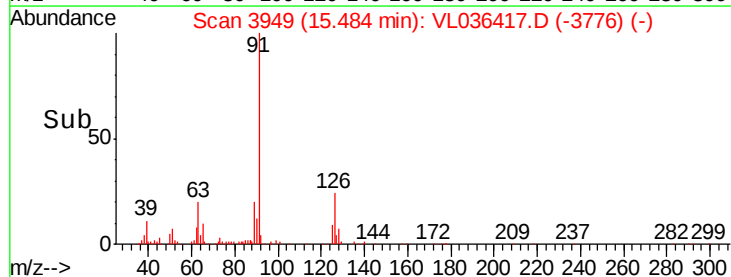
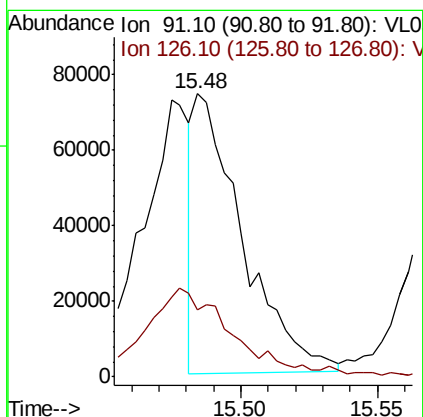
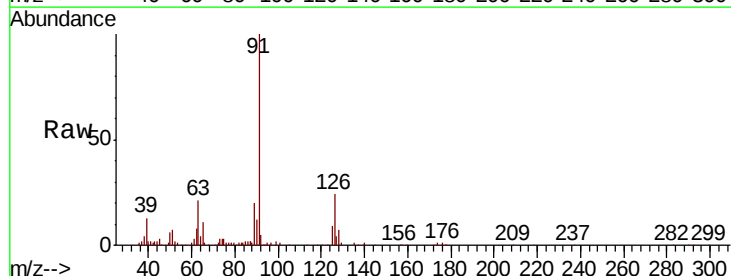
Instrument :
MSVOA_L
ClientSampled :

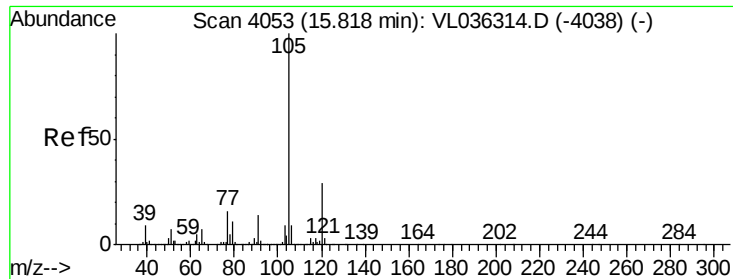
Tot Ion: 91 Resp: 112041
Ion Ratio Lower Upper
91 100
92 108.5 43.7 65.5#
134 0.0 17.4 26.0#



#71
2-Chlorotoluene
Concen: 0.201 ppbv
RT: 15.48 min Scan# 3949
Delta R.T. 0.05 min
Lab File: VL036417.D
Acq: 1 Mar 2021 16:38

Tgt Ion: 91 Resp: 90087
Ion Ratio Lower Upper
91 100
126 0.0 11.5 46.1#





#72

4-Ethyltoluene

Concen: 0.187 ppbv

RT: 15.87 min Scan# 4069

Delta R.T. 0.05 min

Lab File: VL036417.D

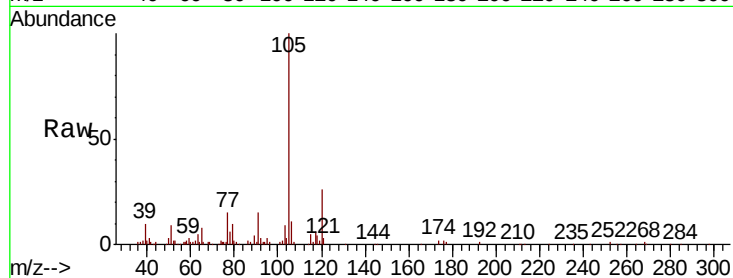
Acq: 1 Mar 2021 16:38

Instrument :

MSVOA_L

ClientSampleId :

Tot Ion:	105	Resp:	80939
Ion	Ratio	Lower	Upper
105	100		
120	0.0	23.2	34.8#
91	0.0	11.0	16.4#
77	33.6	12.2	18.4#

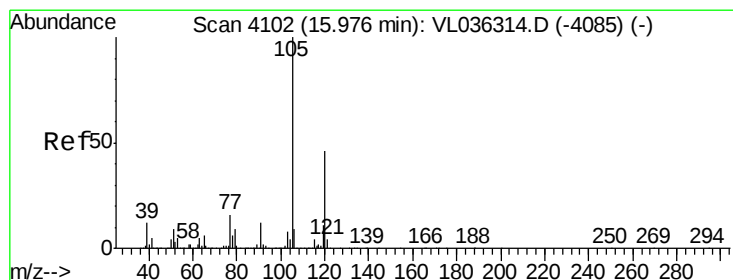
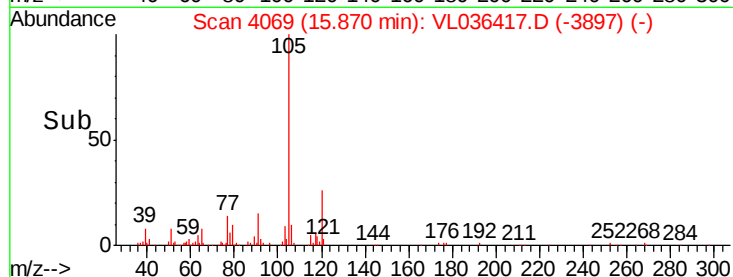
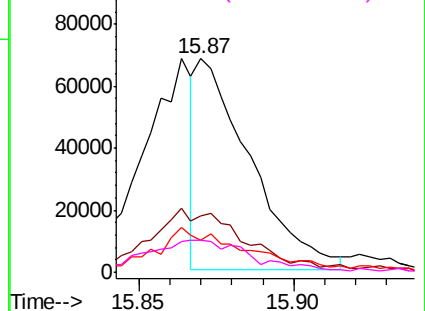


Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V

Ion 91.10 (90.80 to 91.80): VL0

Ion 77.10 (76.80 to 77.80): VL0



#73

1,3,5-Trimethylbenzene

Concen: 0.368 ppbv

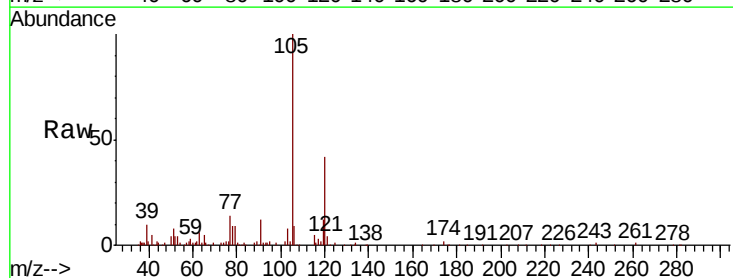
RT: 16.03 min Scan# 4119

Delta R.T. 0.05 min

Lab File: VL036417.D

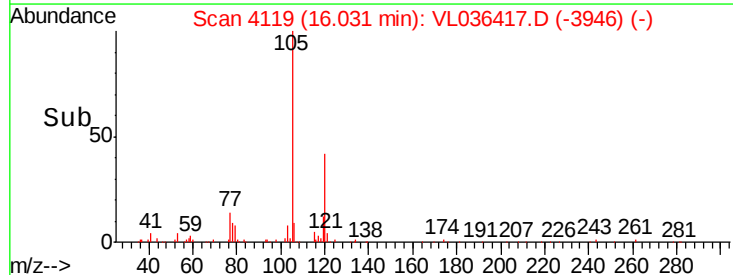
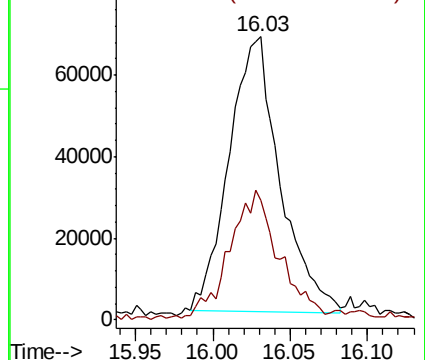
Acq: 1 Mar 2021 16:38

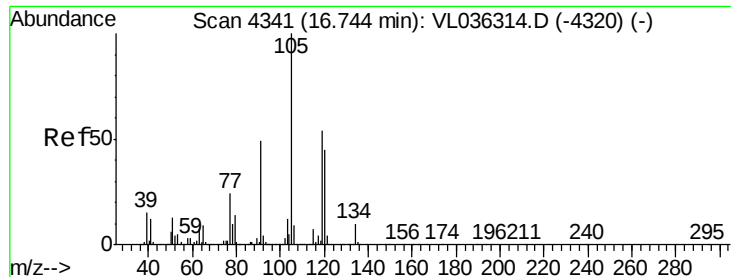
Tgt Ion:	105	Resp:	154690
Ion	Ratio	Lower	Upper
105	100		
120	42.1	36.9	55.3



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: 0.458 ppbv

RT: 16.79 min Scan# 4355

Delta R.T. 0.05 min

Lab File: VL036417.D

Acq: 1 Mar 2021 16:38

Instrument :

MSVOA_L

ClientSampleId :

Tot Ion:105 Resp: 196694

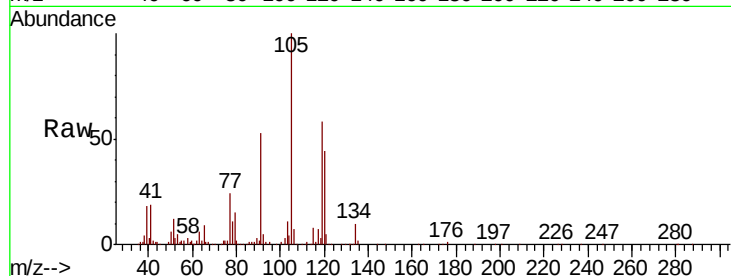
Ion Ratio Lower Upper

105 100

120 42.6 35.8 53.6

91 49.0 39.8 59.6

77 23.5 19.1 28.7

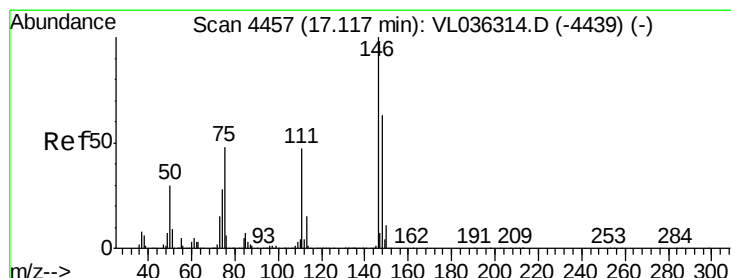
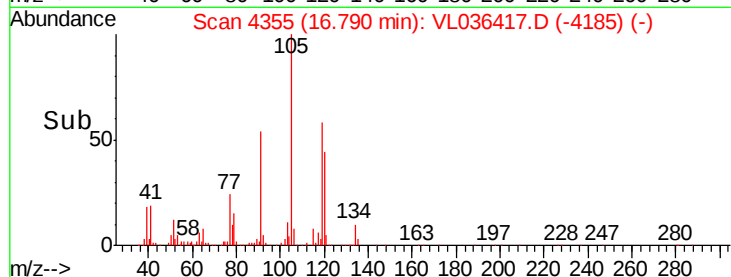
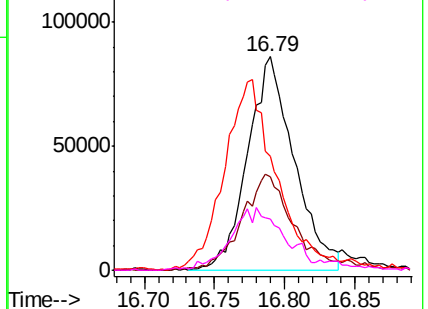


Abundance Ion 105.10 (104.80 to 105.80): V

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



#76

1,4-Dichlorobenzene

Concen: 0.045 ppbv

RT: 17.19 min Scan# 4480

Delta R.T. 0.07 min

Lab File: VL036417.D

Acq: 1 Mar 2021 16:38

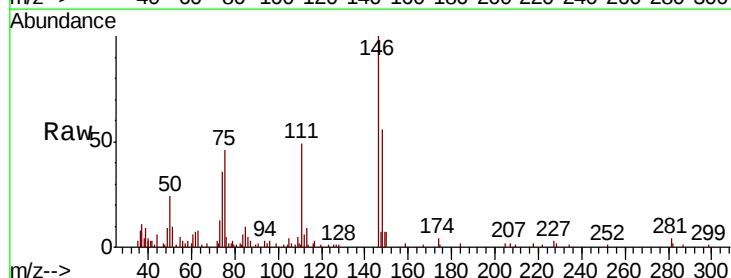
Tgt Ion:146 Resp: 10897

Ion Ratio Lower Upper

146 100

111 0.0 23.6 71.0#

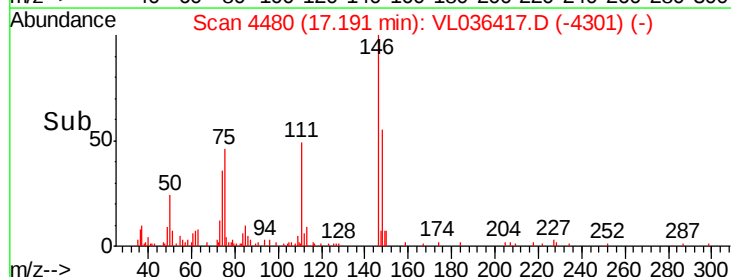
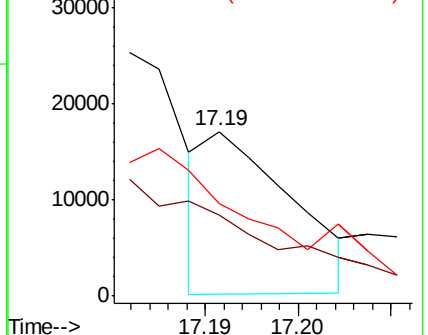
148 0.0 31.6 95.0#

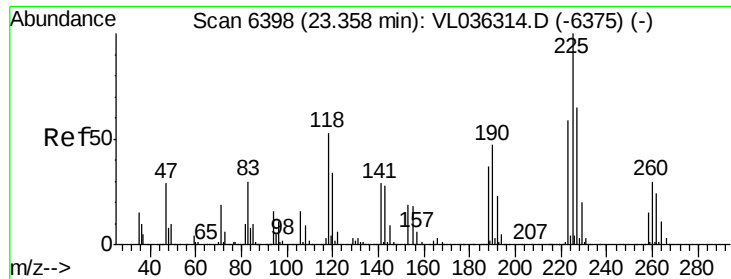


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.10 (110.80 to 111.80): V

Ion 148.00 (147.70 to 148.70): V





#78

Hexachloro-1,3-Butadiene

Concen: 0.500 ppbv

RT: 23.41 min Scan# 6413

Delta R.T. 0.05 min

Lab File: VL036417.D

Acq: 1 Mar 2021 16:38

Instrument :

MSVOA_L

ClientSampleId :

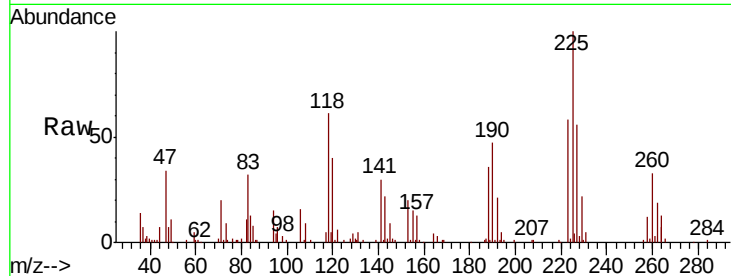
Tot Ion:225 Resp: 94527

Ion Ratio Lower Upper

225 100

223 68.5 50.8 76.2

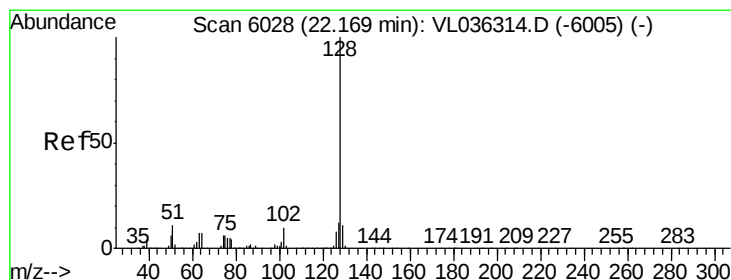
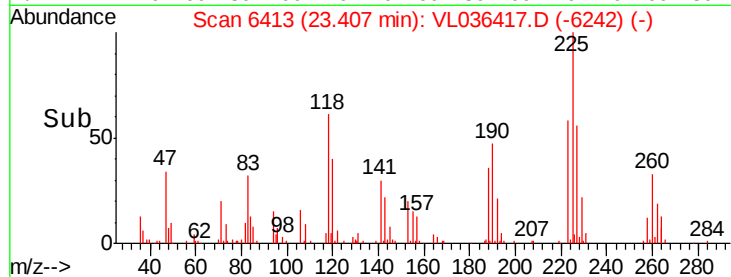
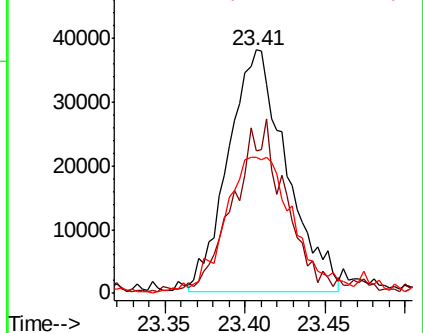
227 70.8 52.2 78.2



Abundance Ion 224.90 (224.60 to 225.60): V

Ion 222.90 (222.60 to 223.60): V

Ion 226.90 (226.60 to 227.60): V



#79

Naphthalene

Concen: 0.033 ppbv

RT: 22.27 min Scan# 6058

Delta R.T. 0.10 min

Lab File: VL036417.D

Acq: 1 Mar 2021 16:38

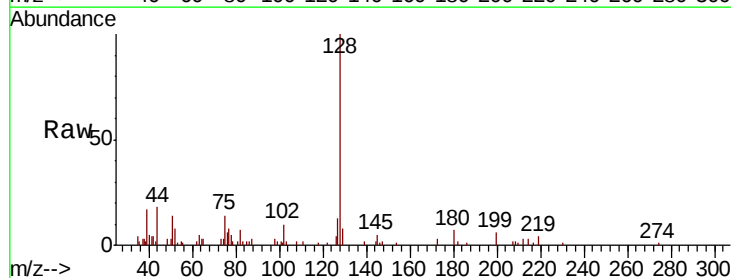
Tgt Ion:128 Resp: 8292

Ion Ratio Lower Upper

128 100

127 7.9 9.6 14.4#

129 0.0 8.5 12.7#



Abundance Ion 128.10 (127.80 to 128.80): V

Ion 127.10 (126.80 to 127.80): V

Ion 129.10 (128.80 to 129.80): V

