

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL022521\
 Data File : VL036389.D
 Acq On : 25 Feb 2021 20:06
 Operator : SY/AP
 Sample : M1458-13 0.45LOD
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Feb 26 00:38:14 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	5.65	49	1492826	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.16	114	3340374	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.07	117	3041092	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.40	95	2522803	10.08	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.80%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.03	85	152253	0.683	ppbv	100
3) Chlorodifluoromethane	2.98	51	112343	0.606	ppbv	97
4) Chloromethane	3.13	50	48634	0.543	ppbv #	86
5) Vinyl Chloride	3.24	62	45604	0.547	ppbv	94
6) Bromomethane	3.46	94	25561	0.515	ppbv	99
7) Chloroethane	3.54	64	8673	0.293	ppbv	100
8) Dichlorotetrafluoroethane	3.17	85	118582	0.585	ppbv	92
9) Propene	3.00	41	20335	0.294	ppbv #	1
10) Heptane	8.10	43	91647	0.450	ppbv	99
11) Trichlorofluoromethane	3.93	101	119938	0.550	ppbv	96
12) 1,1,2-Trichlorotrifluoroet	4.47	101	50534	0.374	ppbv #	43
13) Ethanol	3.60	45	4124	0.317	ppbv #	32
14) Bromoethene	3.73	108	27001	0.477	ppbv #	94
15) Acetone	3.85	43	99798	0.547	ppbv #	74
16) 1,3-Butadiene	3.32	39	36003	0.413	ppbv	88
17) tert-Butyl alcohol	4.29	59	41955	0.296	ppbv #	74
18) 1,1-Dichloroethene	4.27	96	9601	0.156	ppbv #	90
19) Isopropyl Alcohol	3.96	45	23273	0.230	ppbv #	93
20) Methylene Chloride	4.33	84	26347	0.448	ppbv #	78
21) Allyl Chloride	4.40	41	48020	0.473	ppbv	98
22) trans-1,2-Dichloroethene	4.86	96	10595	0.190	ppbv	91
23) Vinyl Acetate	5.06	43	84312	0.393	ppbv #	88
24) 1,1-Dichloroethane	4.99	63	46381	0.292	ppbv	98
25) Ethyl Acetate	5.66	43	162956	0.463	ppbv #	94
26) Hexane	5.67	57	66696	0.461	ppbv #	77
27) Carbon Disulfide	4.54	76	53485	0.402	ppbv #	85
28) Methyl tert-Butyl Ether	5.03	73	72423	0.383	ppbv #	87
29) Chloroform	5.73	83	135241	0.580	ppbv	90
30) Cyclohexane	7.11	84	30773	0.256	ppbv #	1
31) cis-1,2-Dichloroethene	5.53	61	57794	0.404	ppbv	97
32) 1,1,1-Trichloroethane	6.49	97	117483	0.539	ppbv	95
34) 2-Butanone	5.24	43	95157	0.429	ppbv	99
35) Carbon Tetrachloride	7.00	117	67169	0.300	ppbv	95
36) Benzene	6.87	78	122713	0.432	ppbv	95
37) 1,2-Dichloroethane	6.29	62	89179	0.508	ppbv	97
38) Trichloroethene	7.83	130	19541	0.192	ppbv	84
39) 1,2-Dichloropropane	7.59	63	31170	0.270	ppbv	93
41) Tetrahydrofuran	6.05	42	16637	0.134	ppbv #	21
42) Bromodichloromethane	7.78	83	119487	0.509	ppbv #	78
43) Methyl Methacrylate	8.00	69	30705	0.257	ppbv #	40
44) 2,2,4-Trimethylpentane	7.85	57	240606	0.466	ppbv #	90

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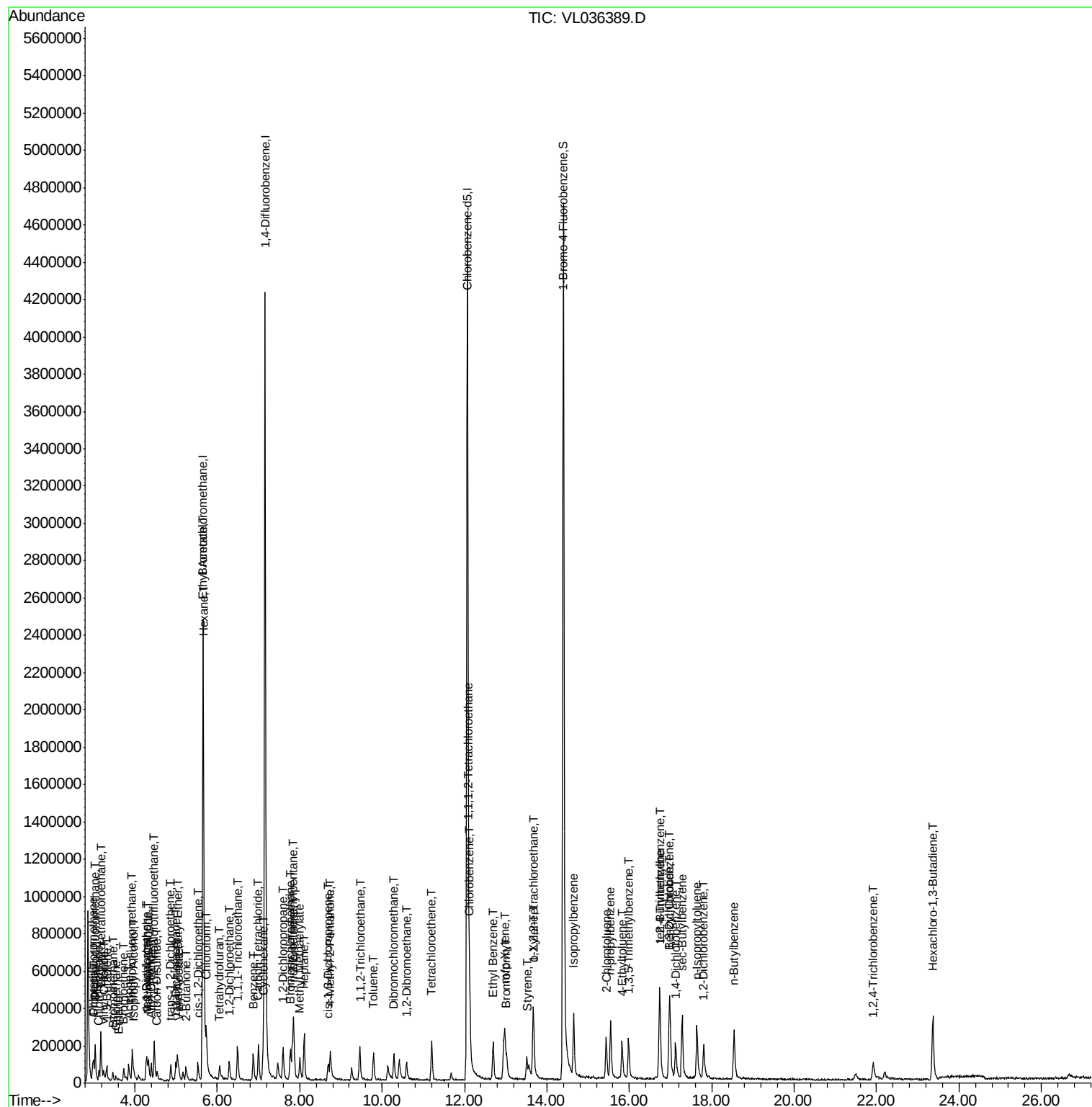
46) cis-1,3-Dichloropropene	8.68	75	27424	0.187	ppbv #	80
47) 1,1,2-Trichloroethane	9.46	97	32914	0.279	ppbv	90
48) Dibromochloromethane	10.28	129	82975	0.471	ppbv	96
49) Bromoform	13.02	173	53637	0.377	ppbv #	85
50) 4-Methyl-2-Pentanone	8.74	43	82294	0.250	ppbv #	77
52) Tetrachloroethene	11.20	164	28067	0.270	ppbv	93
53) Toluene	9.79	91	116446	0.379	ppbv	98
54) 1,2-Dibromoethane	10.59	107	79921	0.469	ppbv #	77
56) 1,1,1,2-Tetrachloroethane	12.11	131	63459	0.454	ppbv #	20
57) Chlorobenzene	12.13	112	133231	0.567	ppbv #	92
58) Ethyl Benzene	12.70	91	72759	0.175	ppbv	92
59) m/p-Xylene	12.98	91	96311	0.263	ppbv #	33
60) o-Xylene	13.67	91	171431	0.490	ppbv	100
61) Styrene	13.52	104	30334	0.140	ppbv #	15
62) Isopropylbenzene	14.65	105	250889	0.479	ppbv	98
63) 1,1,2,2-Tetrachloroethane	13.67	83	19028	0.069	ppbv #	1
64) n-propylbenzene	15.55	120	57662	0.447	ppbv #	57
65) tert-Butylbenzene	16.73	119	144363	0.322	ppbv #	45
66) Benzyl Chloride	16.99	91	4734	0.039	ppbv #	1
67) sec-Butylbenzene	17.28	105	307948	0.476	ppbv	98
69) p-Isopropyltoluene	17.64	119	218592	0.437	ppbv	95
70) n-Butylbenzene	18.55	91	215849	0.403	ppbv	98
71) 2-Chlorotoluene	15.44	91	90615	0.225	ppbv #	51
72) 4-Ethyltoluene	15.83	105	66983	0.172	ppbv #	38
73) 1,3,5-Trimethylbenzene	15.98	105	154197	0.409	ppbv #	85
74) 1,2,4-Trimethylbenzene	16.75	105	187455	0.487	ppbv #	95
75) 1,3-Dichlorobenzene	16.98	146	98857	0.473	ppbv	85
76) 1,4-Dichlorobenzene	17.13	146	25295	0.117	ppbv #	23
77) 1,2-Dichlorobenzene	17.81	146	99684	0.481	ppbv	97
78) Hexachloro-1,3-Butadiene	23.37	225	46779	0.276	ppbv #	5
81) 1,2,4-Trichlorobenzene	21.92	180	6730	0.048	ppbv #	1

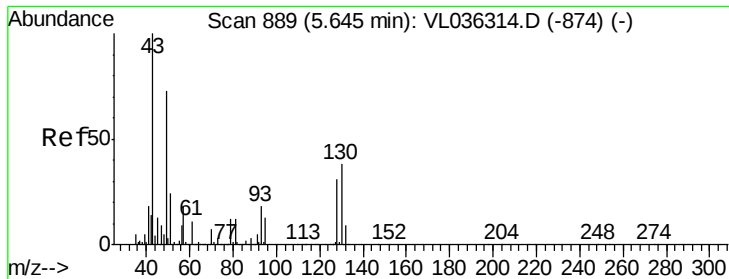
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.65 min Scan# 890

Delta R.T. 0.00 min

Lab File: VL036389.D

Acq: 25 Feb 2021 20:06

Instrument :
MSVOA_L
ClientSampleId :

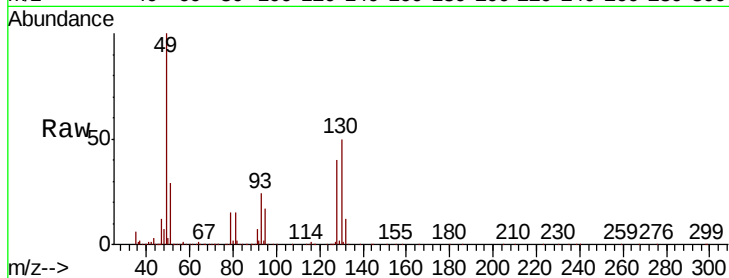
Tot Ion: 49 Resp: 1492826

Ion Ratio Lower Upper

49 100

128 42.1 20.8 62.5

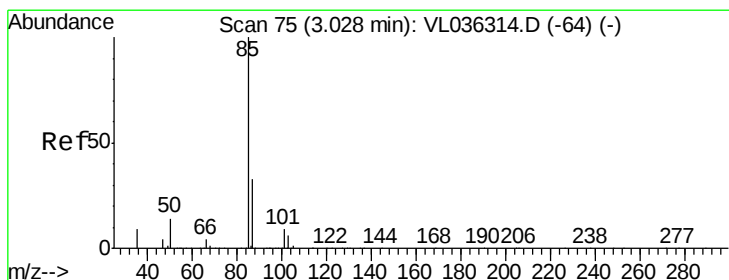
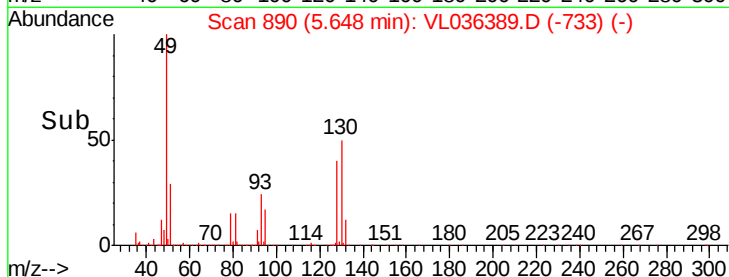
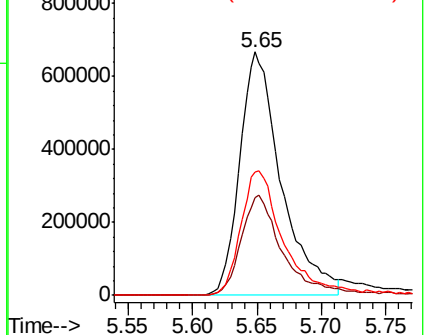
130 54.9 26.7 80.1



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: 0.683 ppbv

RT: 3.03 min Scan# 76

Delta R.T. 0.00 min

Lab File: VL036389.D

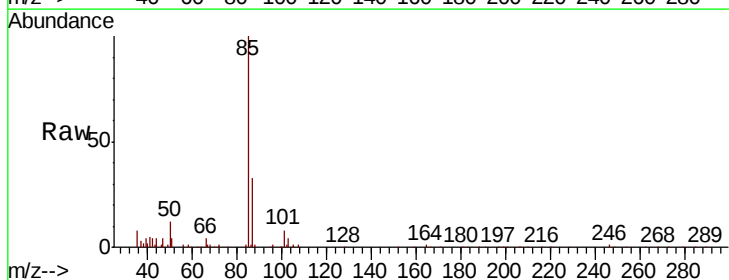
Acq: 25 Feb 2021 20:06

Tgt Ion: 85 Resp: 152253

Ion Ratio Lower Upper

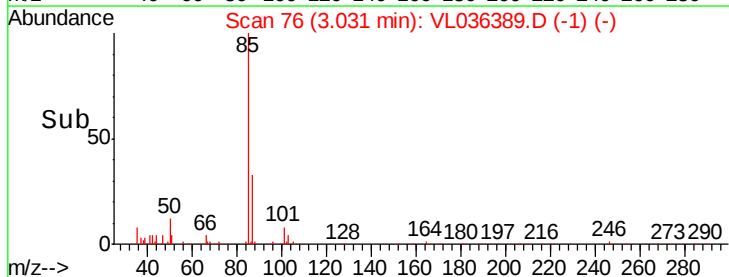
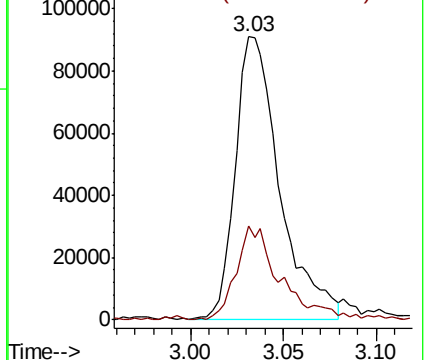
85 100

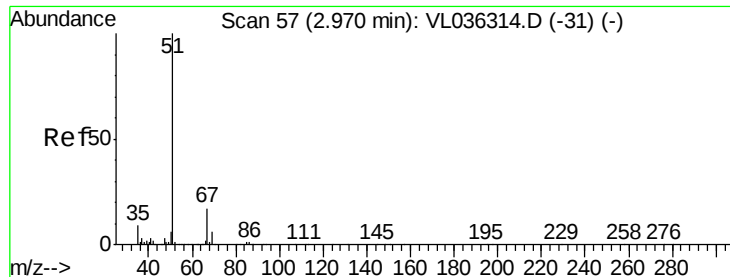
87 33.3 26.5 39.7



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0





#3

Chlorodifluoromethane

Concen: 0.606 ppbv

RT: 2.98 min Scan# 59

Delta R.T. 0.01 min

Lab File: VL036389.D

Acq: 25 Feb 2021 20:06

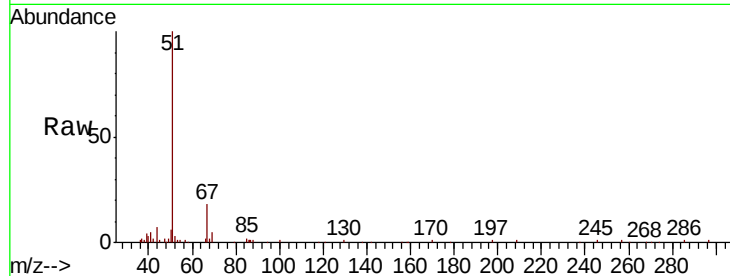
Instrument :
MSVOA_L
ClientSampleId :

Tot Ion: 51 Resp: 112343

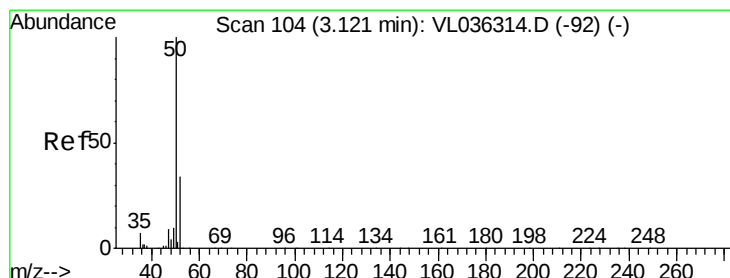
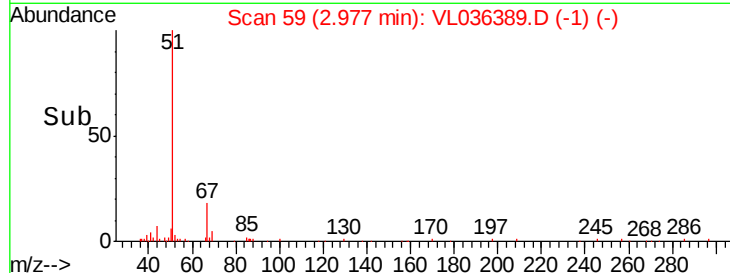
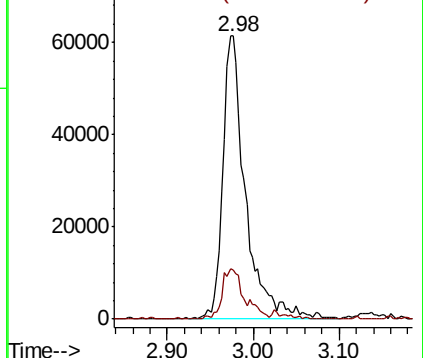
Ion Ratio Lower Upper

51 100

67 19.6 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: 0.543 ppbv

RT: 3.13 min Scan# 107

Delta R.T. 0.01 min

Lab File: VL036389.D

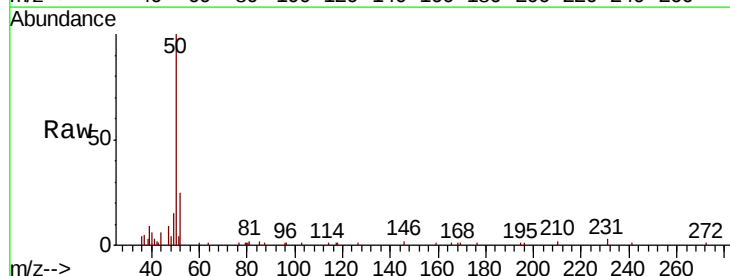
Acq: 25 Feb 2021 20:06

Tgt Ion: 50 Resp: 48634

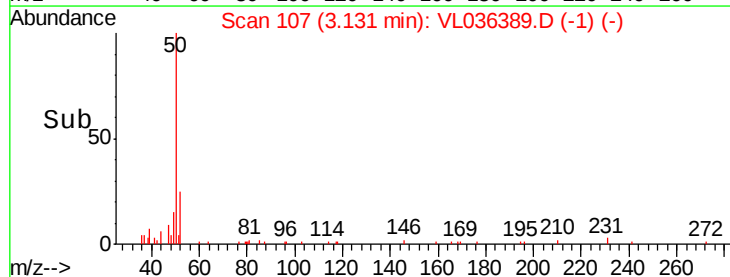
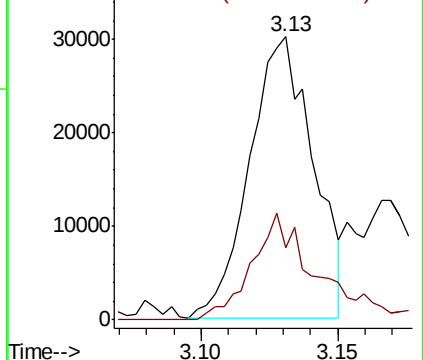
Ion Ratio Lower Upper

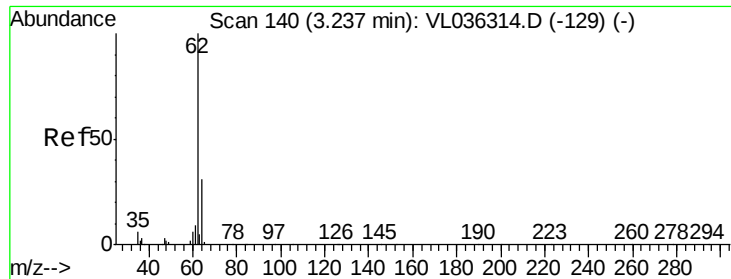
50 100

52 25.7 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: 0.547 ppbv

RT: 3.24 min Scan# 142

Delta R.T. 0.01 min

Lab File: VL036389.D

Acq: 25 Feb 2021 20:06

Instrument :

MSVOA_L

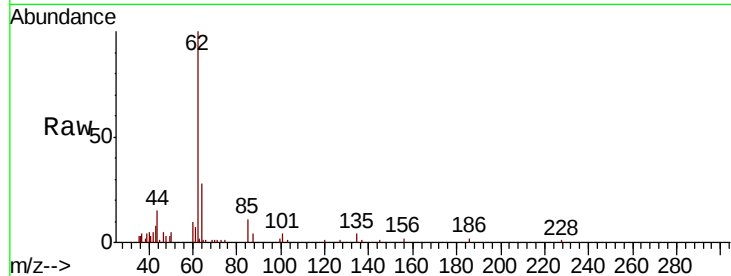
ClientSampleId :

Tot Ion: 62 Resp: 45604

Ion Ratio Lower Upper

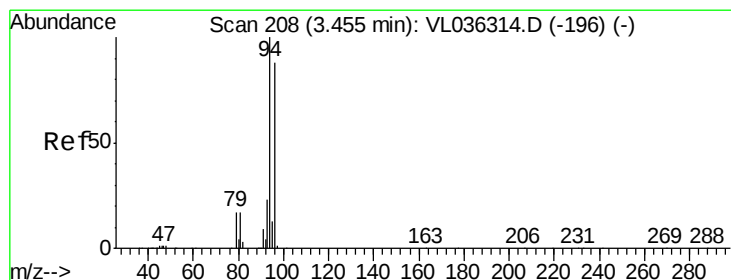
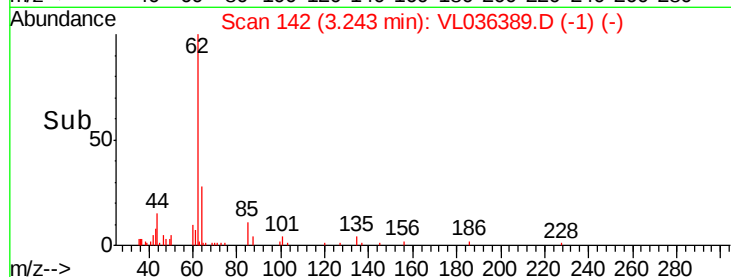
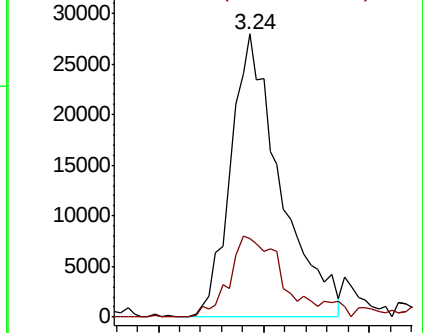
62 100

64 27.4 24.4 36.6



Abundance Ion 62.10 (61.80 to 62.80): VL0

Ion 64.10 (63.80 to 64.80): VL0



#6

Bromomethane

Concen: 0.515 ppbv

RT: 3.46 min Scan# 210

Delta R.T. 0.01 min

Lab File: VL036389.D

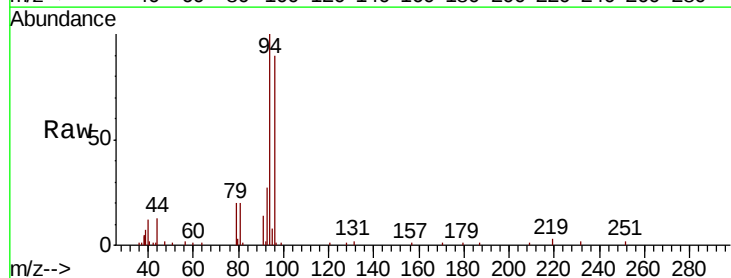
Acq: 25 Feb 2021 20:06

Tgt Ion: 94 Resp: 25561

Ion Ratio Lower Upper

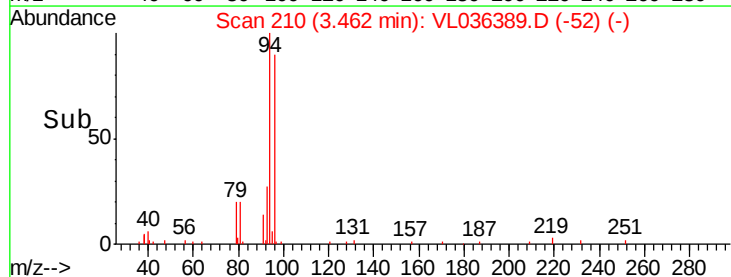
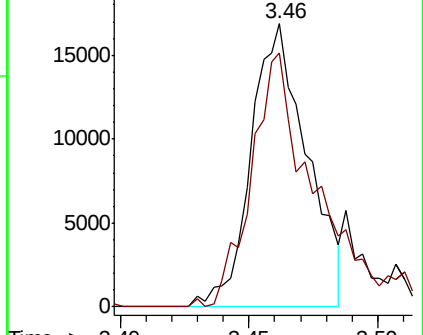
94 100

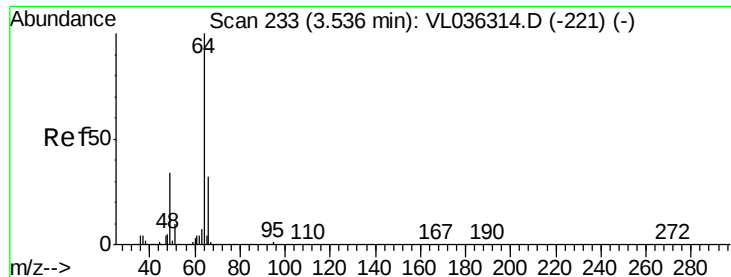
96 89.9 70.8 106.2



Abundance Ion 94.00 (93.70 to 94.70): VL0

Ion 96.00 (95.70 to 96.70): VL0





#7

Chloroethane

Concen: 0.293 ppbv

RT: 3.54 min Scan# 234

Delta R.T. 0.00 min

Lab File: VL036389.D

Acq: 25 Feb 2021 20:06

Instrument :

MSVOA_L

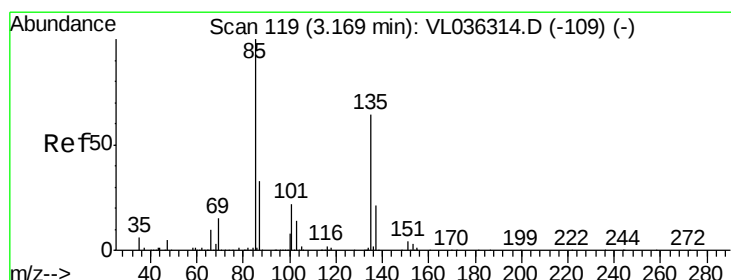
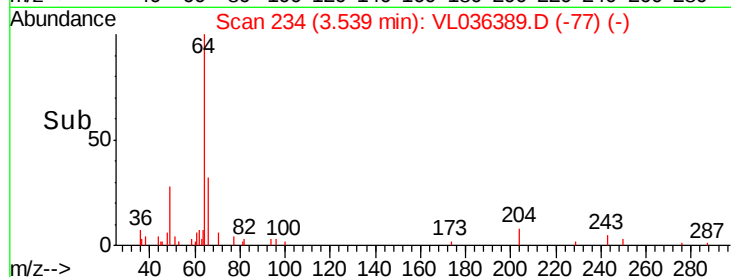
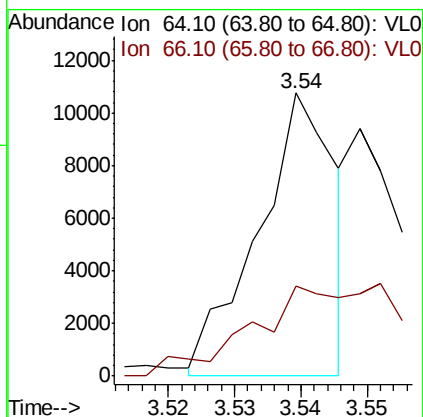
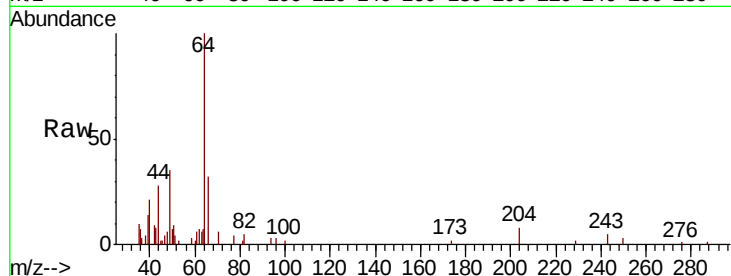
ClientSampleId :

Tot Ion: 64 Resp: 8673

Ion Ratio Lower Upper

64 100

66 32.1 25.6 38.4



#8

Dichlorotetrafluoroethane

Concen: 0.585 ppbv

RT: 3.17 min Scan# 120

Delta R.T. 0.00 min

Lab File: VL036389.D

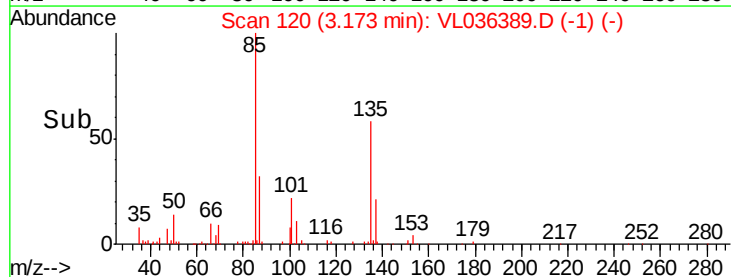
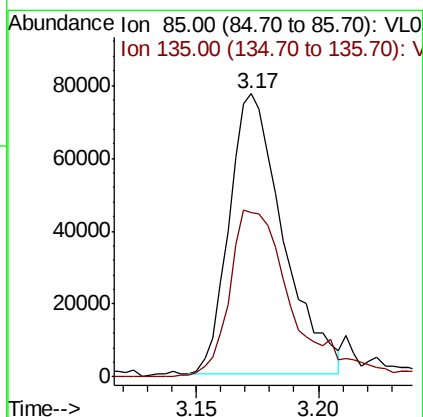
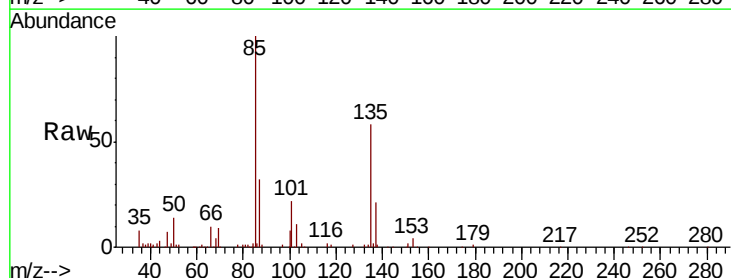
Acq: 25 Feb 2021 20:06

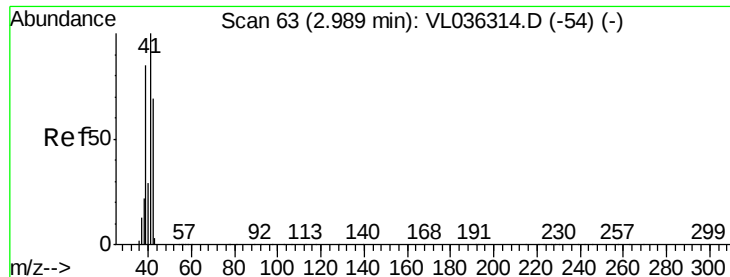
Tgt Ion: 85 Resp: 118582

Ion Ratio Lower Upper

85 100

135 70.5 51.1 76.7





#9

Propene

Concen: 0.294 ppbv

RT: 3.00 min Scan# 65

Delta R.T. 0.01 min

Lab File: VL036389.D

Acq: 25 Feb 2021 20:06

Instrument :

MSVOA_L

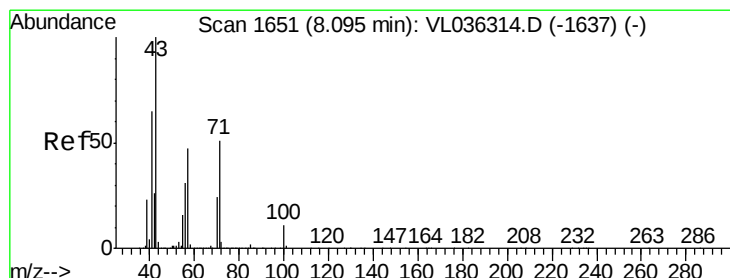
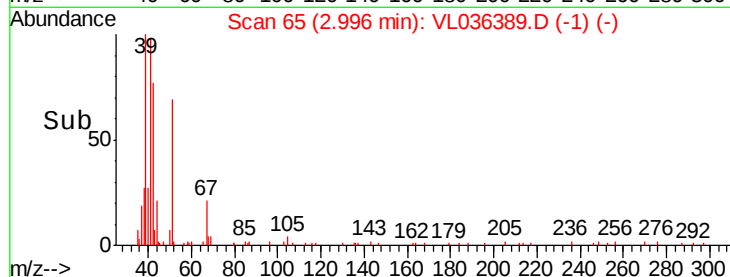
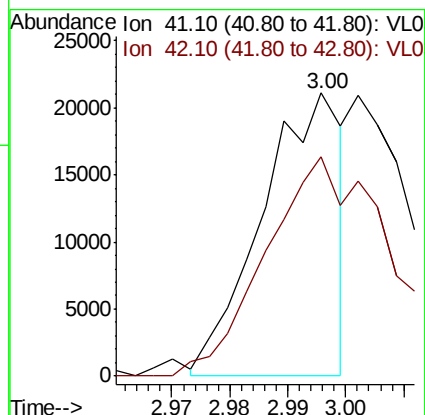
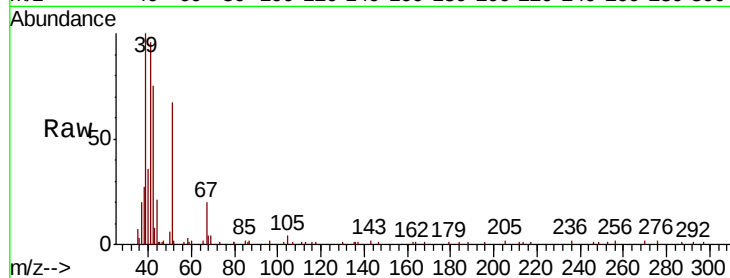
ClientSampleId :

Tot Ion: 41 Resp: 20335

Ion Ratio Lower Upper

41 100

42 159.8 56.2 84.2#



#10

Heptane

Concen: 0.450 ppbv

RT: 8.10 min Scan# 1654

Delta R.T. 0.01 min

Lab File: VL036389.D

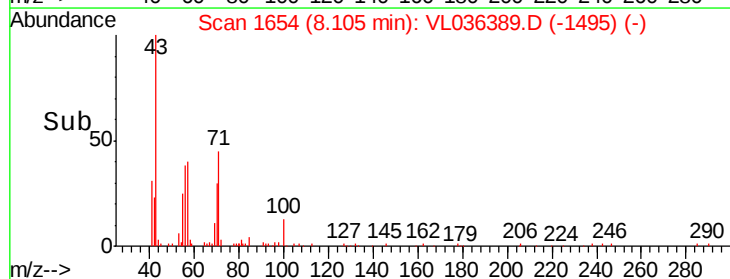
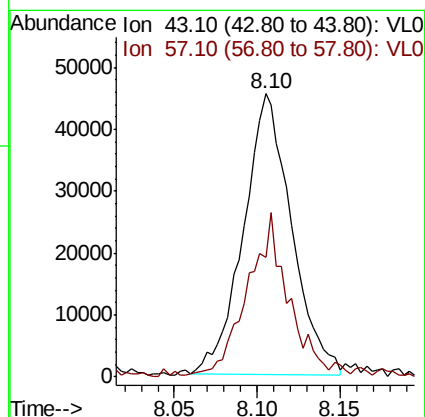
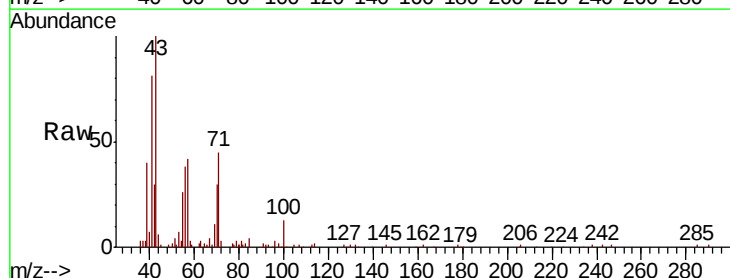
Acq: 25 Feb 2021 20:06

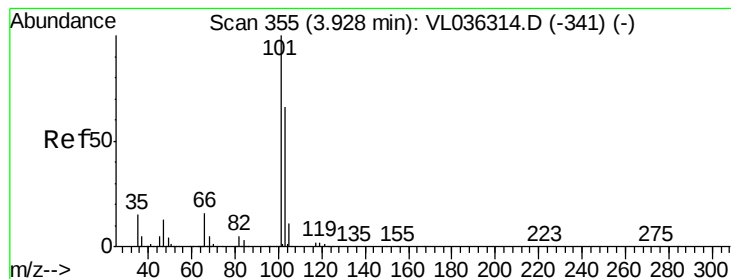
Tgt Ion: 43 Resp: 91647

Ion Ratio Lower Upper

43 100

57 50.3 39.4 59.2





#11

Trichlorofluoromethane

Concen: 0.550 ppbv

RT: 3.93 min Scan# 356

Delta R.T. 0.00 min

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Acq: 25 Feb 2021 20:06

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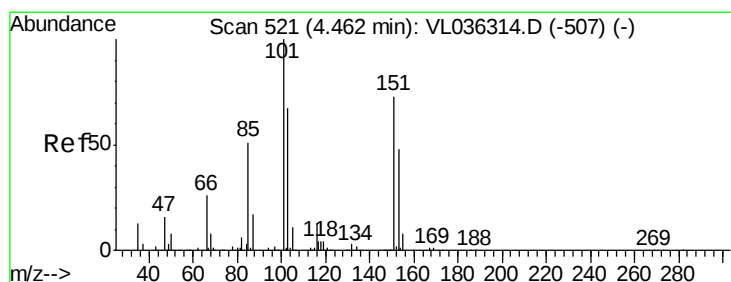
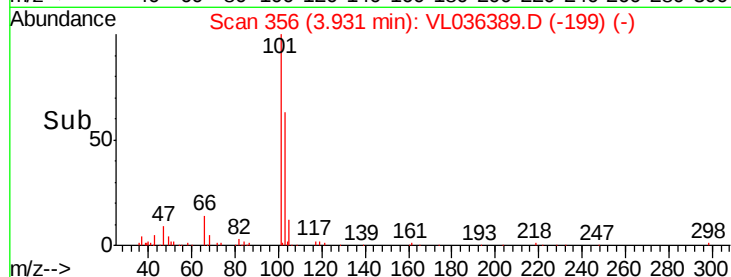
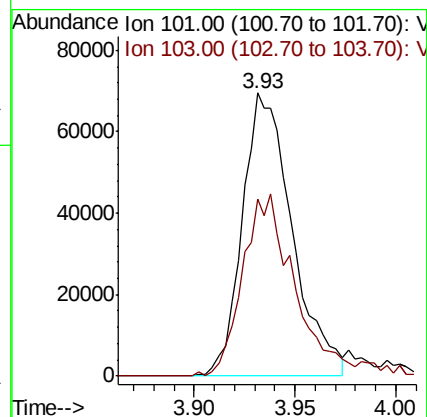
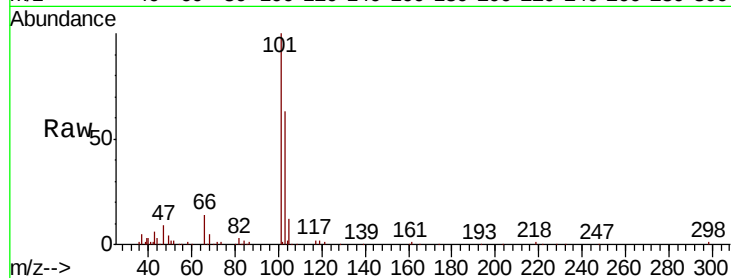
ClientSampleId :

Tot Ion:101 Resp: 119938

Ion Ratio Lower Upper

101 100

103 62.7 52.9 79.3



#12

1,1,2-Trichlorotrifluoroethane

Concen: 0.374 ppbv

RT: 4.47 min Scan# 523

Delta R.T. 0.01 min

Lab File: VL036389.D

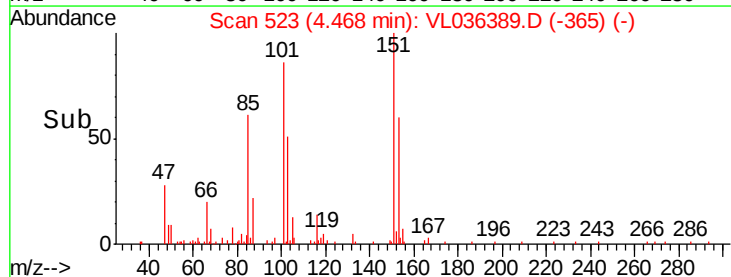
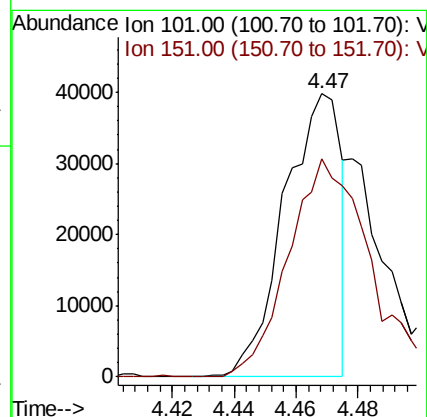
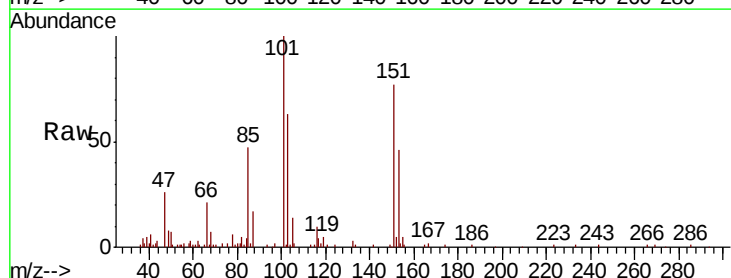
Acq: 25 Feb 2021 20:06

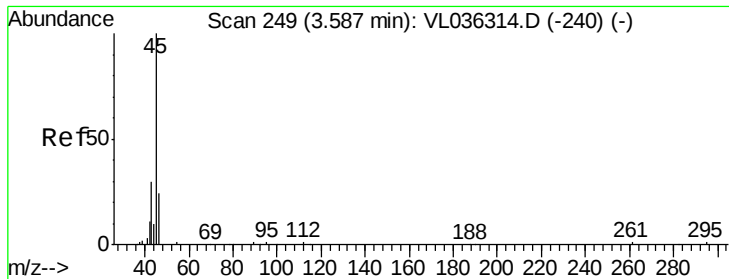
Tgt Ion:101 Resp: 50534

Ion Ratio Lower Upper

101 100

151 120.3 58.2 87.4#





#13

Ethanol

Concen: 0.317 ppbv

RT: 3.60 min Scan# 253

Delta R.T. 0.01 min

Lab File: VL036389.D

Acq: 25 Feb 2021 20:06

Instrument :

MSVOA_L

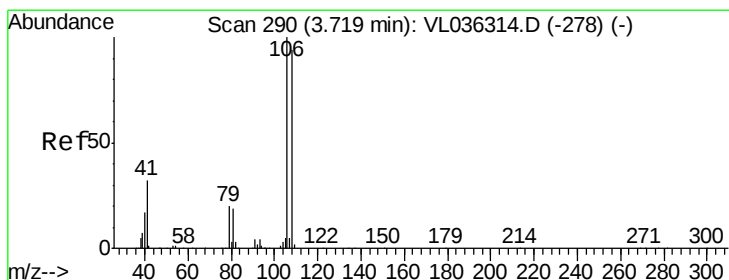
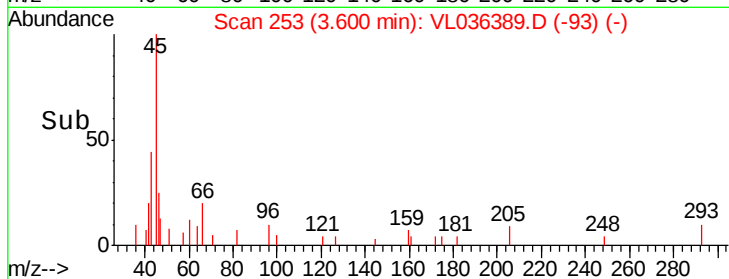
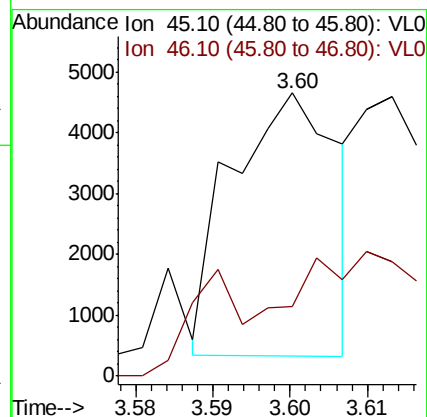
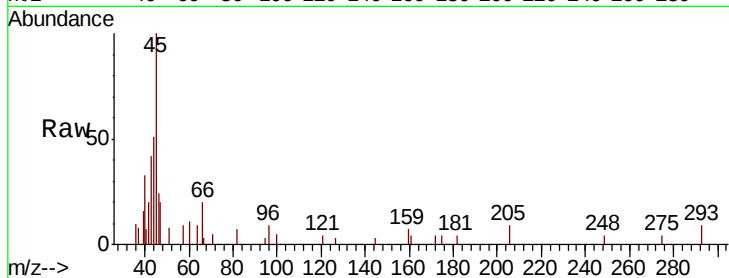
ClientSampleId :

Tot Ion: 45 Resp: 4124

Ion Ratio Lower Upper

45 100

46 0.0 17.7 70.7#



#14

Bromoethene

Concen: 0.477 ppbv

RT: 3.73 min Scan# 292

Delta R.T. 0.01 min

Lab File: VL036389.D

Acq: 25 Feb 2021 20:06

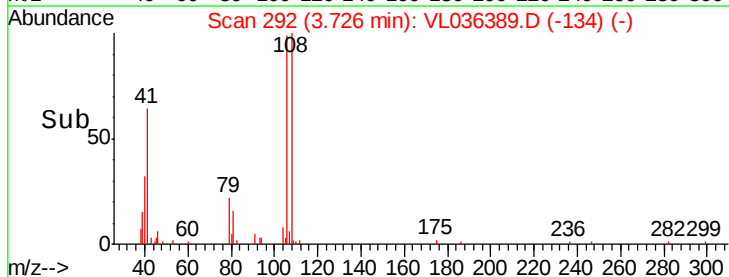
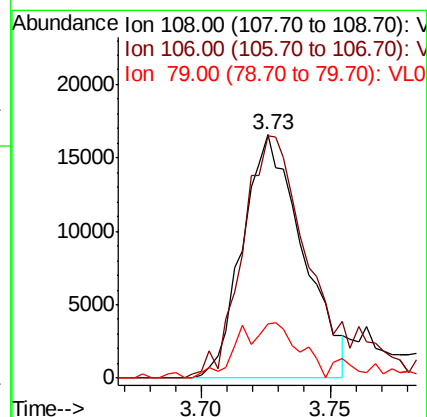
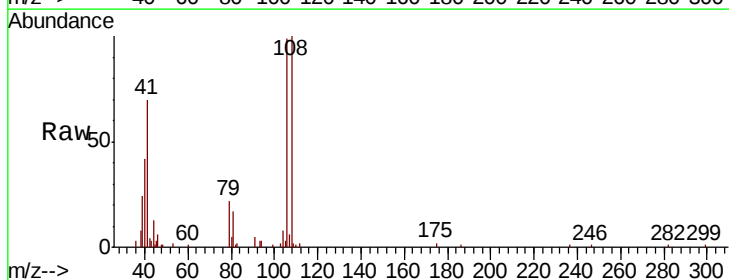
Tgt Ion: 108 Resp: 27001

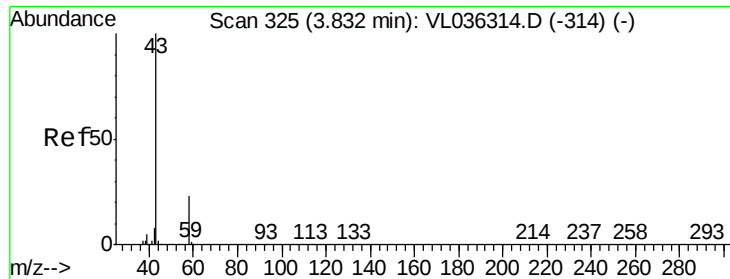
Ion Ratio Lower Upper

108 100

106 116.6 89.8 134.8

79 28.7 17.1 25.7#

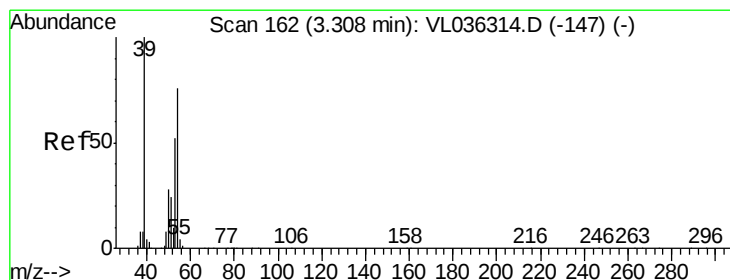
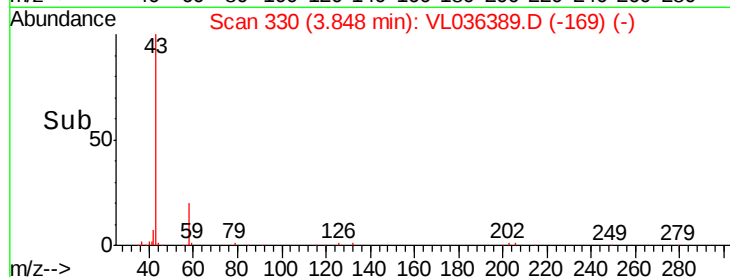
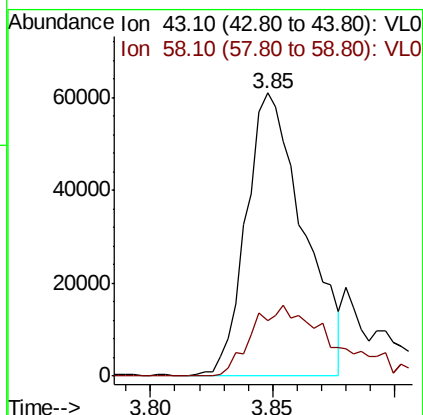
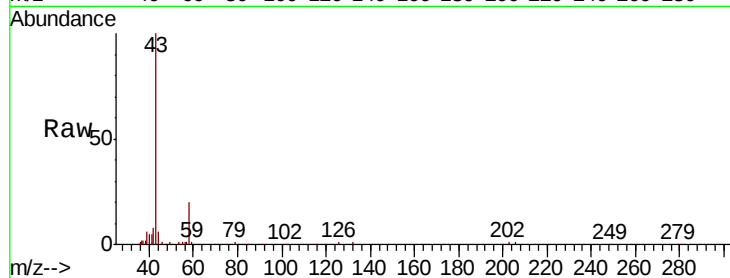




#15
Acetone
Concen: 0.547 ppbv
RT: 3.85 min Scan# 330
Delta R.T. 0.02 min
Lab File: VL036389.D
Acq: 25 Feb 2021 20:06

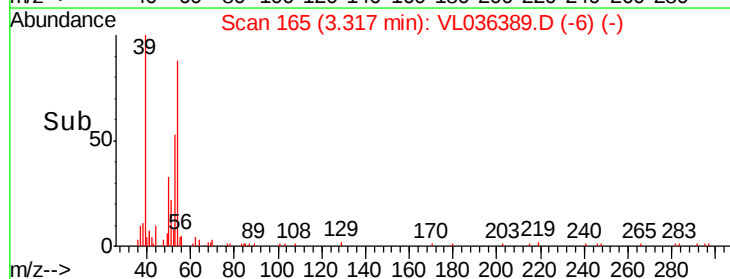
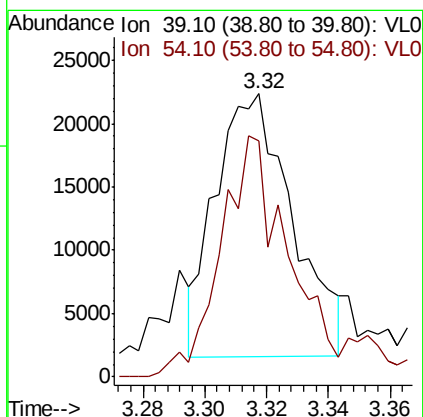
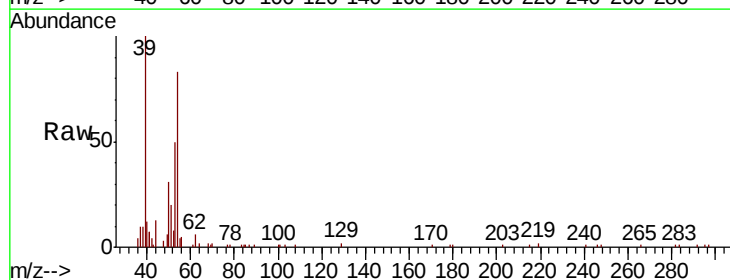
Instrument :
MSVOA_L
ClientSampleId :

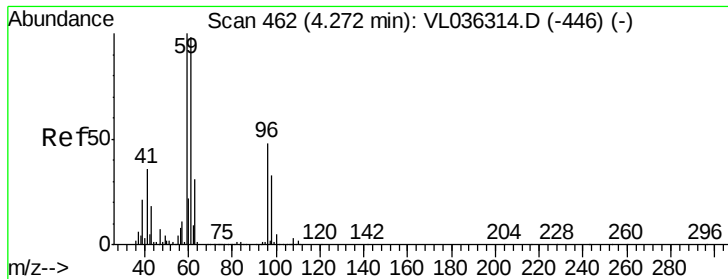
Tot Ion: 43 Resp: 99798
Ion Ratio Lower Upper
43 100
58 38.6 20.3 30.5#



#16
1,3-Butadiene
Concen: 0.413 ppbv
RT: 3.32 min Scan# 165
Delta R.T. 0.01 min
Lab File: VL036389.D
Acq: 25 Feb 2021 20:06

Tgt Ion: 39 Resp: 36003
Ion Ratio Lower Upper
39 100
54 91.3 64.4 96.6



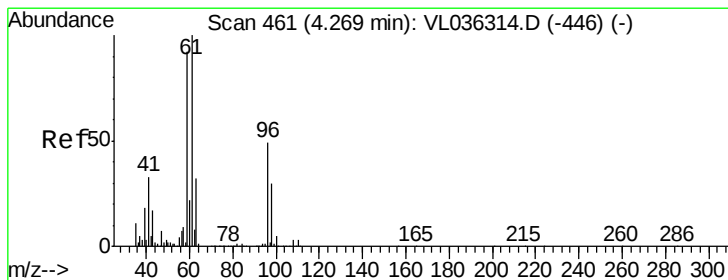
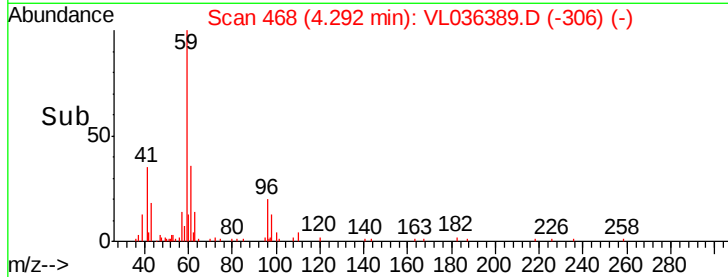
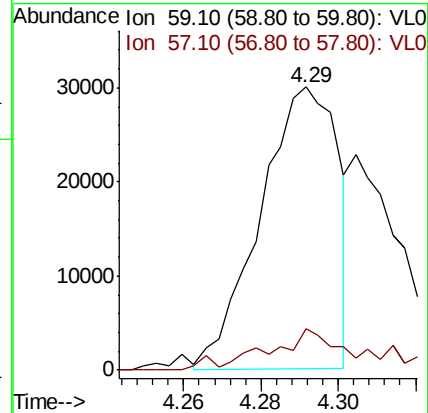
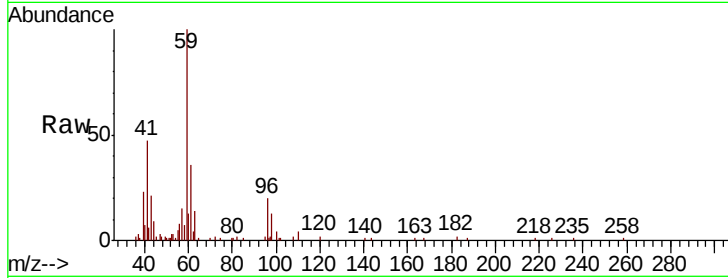


#17

tert-Butyl alcohol
 Concen: 0.296 ppbv
 RT: 4.29 min Scan# 468
 Delta R.T. 0.02 min
 Lab File: VL036389.D
 Acq: 25 Feb 2021 20:06

Instrument :
 MSVOA_L
 ClientSampleId :

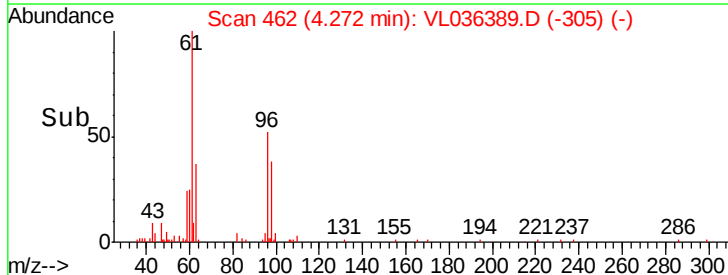
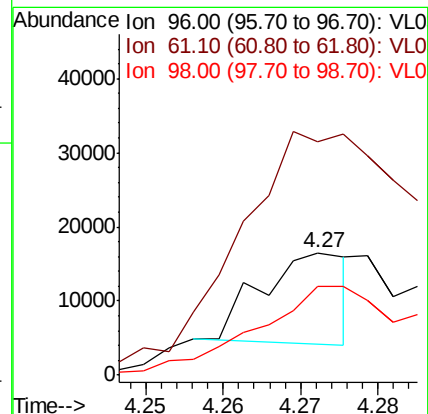
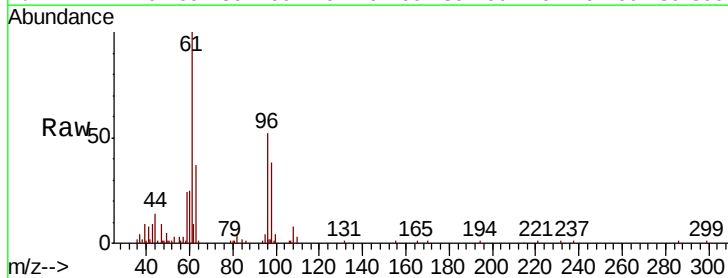
Tot Ion: 59 Resp: 41955
 Ion Ratio Lower Upper
 59 100
 57 21.1 9.0 13.4#

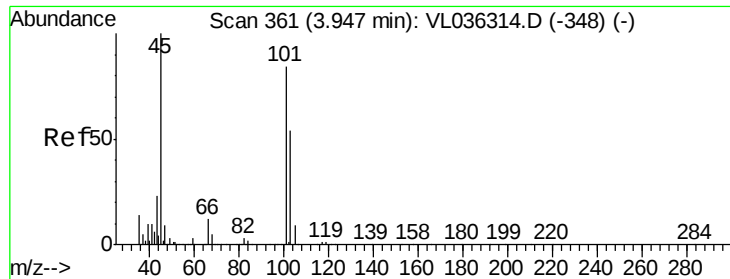


#18

1,1-Dichloroethene
 Concen: 0.156 ppbv
 RT: 4.27 min Scan# 462
 Delta R.T. 0.00 min
 Lab File: VL036389.D
 Acq: 25 Feb 2021 20:06

Tgt Ion: 96 Resp: 9601
 Ion Ratio Lower Upper
 96 100
 61 197.4 162.5 243.7
 98 85.0 48.5 72.7#





#19

Isopropyl Alcohol

Concen: 0.230 ppbv

RT: 3.96 min Scan# 366

Delta R.T. 0.02 min

Lab File: VL036389.D

Acq: 25 Feb 2021 20:06

Instrument :

MSVOA_L

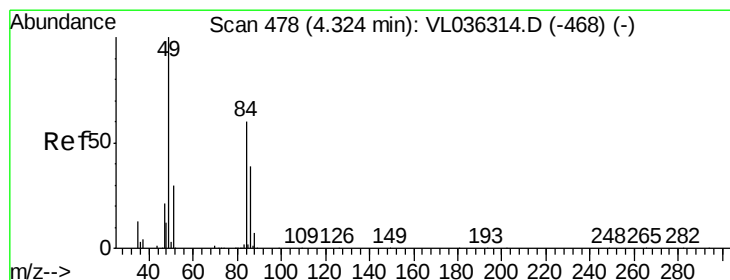
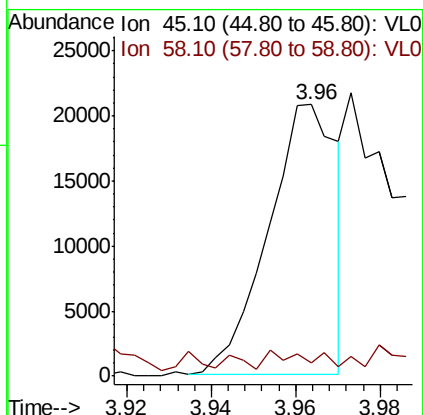
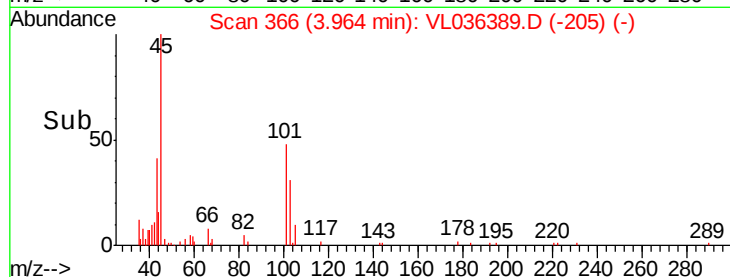
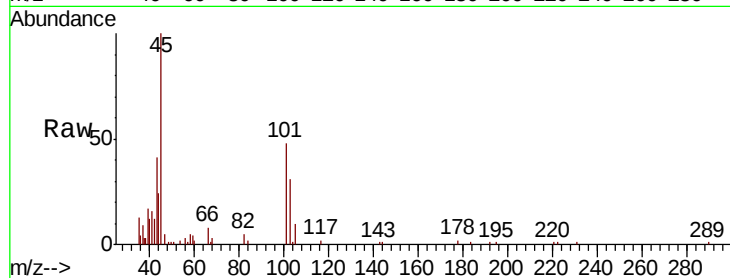
ClientSampled :

Tot Ion: 45 Resp: 23273

Ion Ratio Lower Upper

45 100

58 0.0 1.9 2.9#



#20

Methylene Chloride

Concen: 0.448 ppbv

RT: 4.33 min Scan# 481

Delta R.T. 0.01 min

Lab File: VL036389.D

Acq: 25 Feb 2021 20:06

Tgt Ion: 84 Resp: 26347

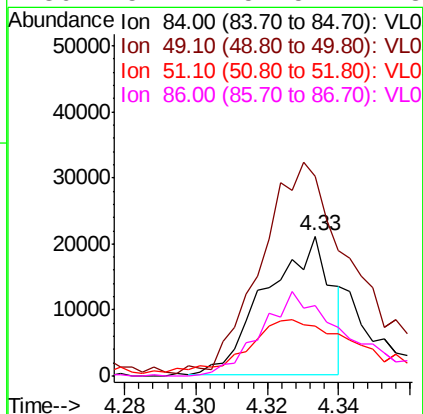
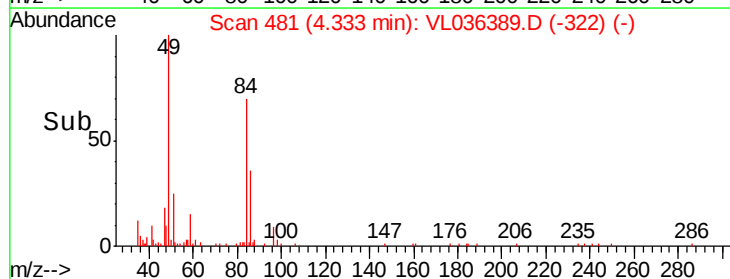
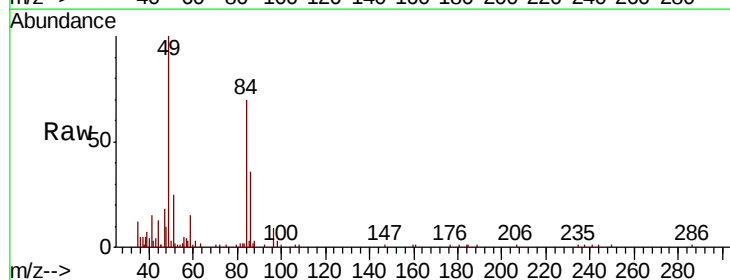
Ion Ratio Lower Upper

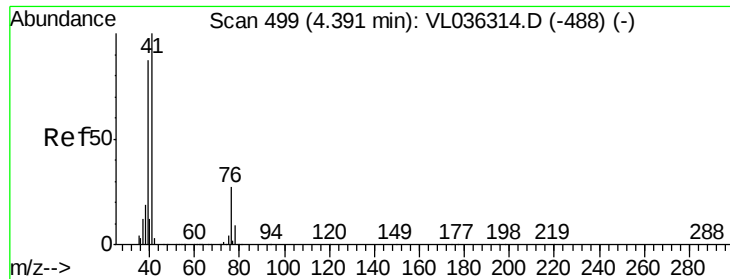
84 100

49 136.5 133.8 200.8

51 32.0 41.4 62.0#

86 51.2 51.5 77.3#

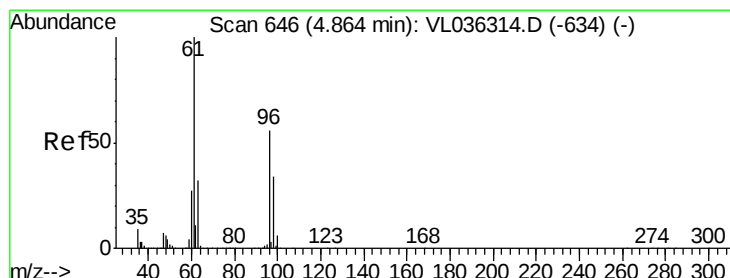
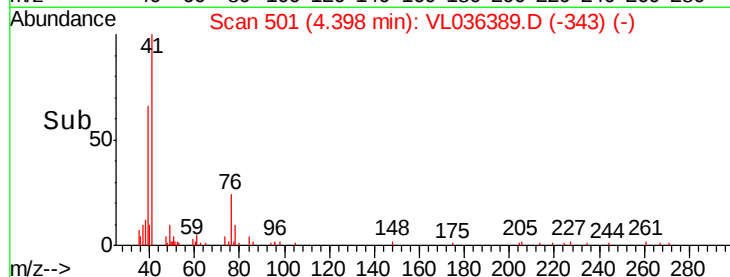
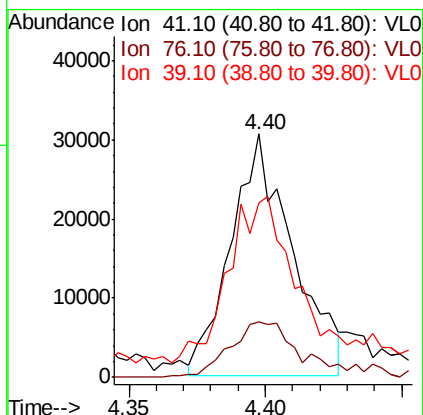
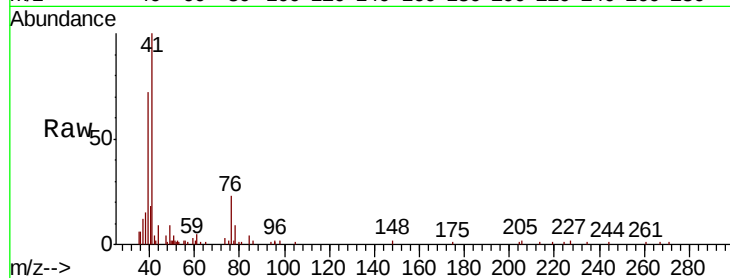




#21
Allvl Chloride
Concen: 0.473 ppbv
RT: 4.40 min Scan# 501
Delta R.T. 0.01 min
Lab File: VL036389.D
Acq: 25 Feb 2021 20:06

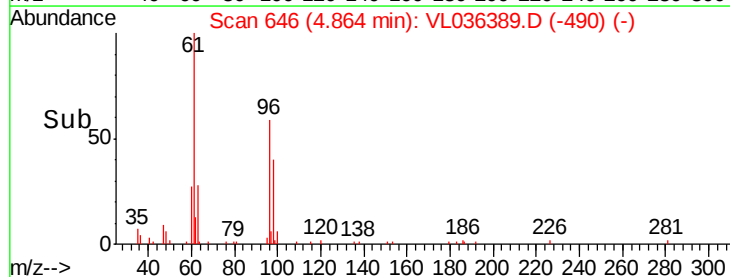
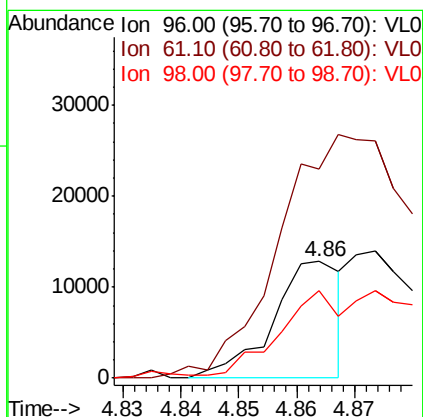
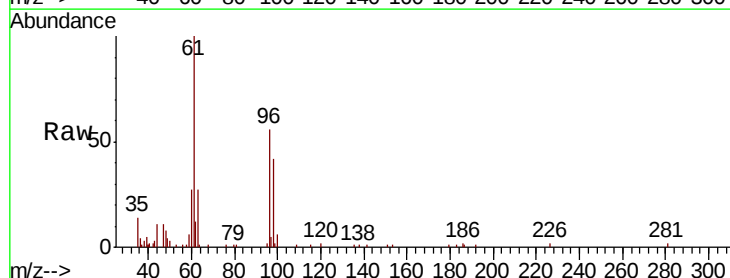
Instrument :
MSVOA_L
ClientSampleId :

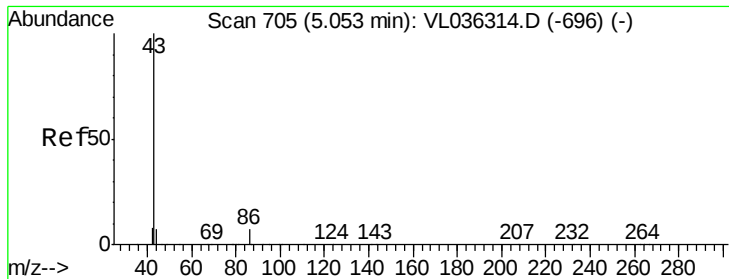
Tot Ion: 41 Resp: 48020
Ion Ratio Lower Upper
41 100
76 29.4 22.0 33.0
39 89.5 70.2 105.2



#22
trans-1,2-Dichloroethene
Concen: 0.190 ppbv
RT: 4.86 min Scan# 646
Delta R.T. 0.00 min
Lab File: VL036389.D
Acq: 25 Feb 2021 20:06

Tgt Ion: 96 Resp: 10595
Ion Ratio Lower Upper
96 100
61 169.1 143.7 215.5
98 72.0 48.5 72.7





#23

Vinyl Acetate

Concen: 0.393 ppbv

RT: 5.06 min Scan# 708

Delta R.T. 0.01 min

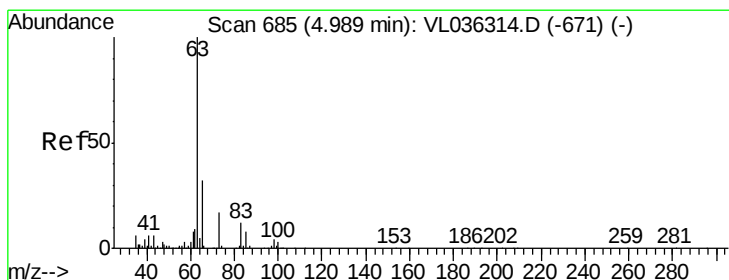
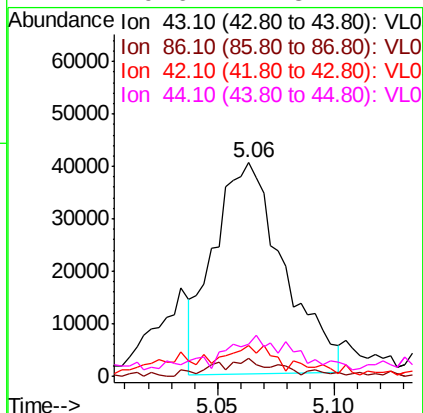
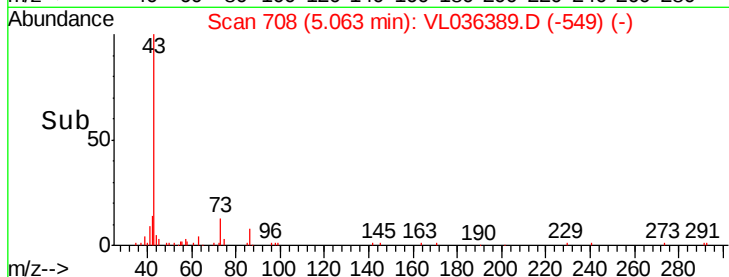
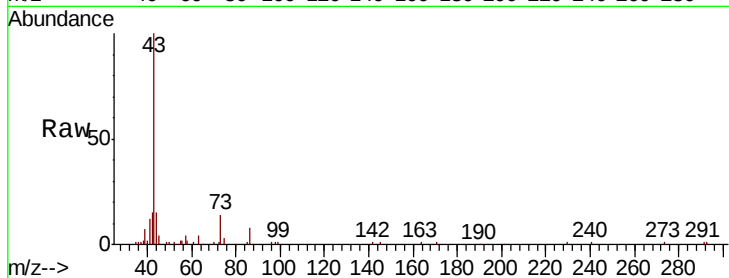
Lab File: VL036389.D

Acq: 25 Feb 2021 20:06

Instrument :
MSVOA_L
ClientSampleId :

Tot Ion: 43 Resp: 84312

Ion	Ratio	Lower	Upper
43	100		
86	7.4	4.8	7.2#
42	15.6	7.4	11.0#
44	9.6	4.8	7.2#



#24

1,1-Dichloroethane

Concen: 0.292 ppbv

RT: 4.99 min Scan# 686

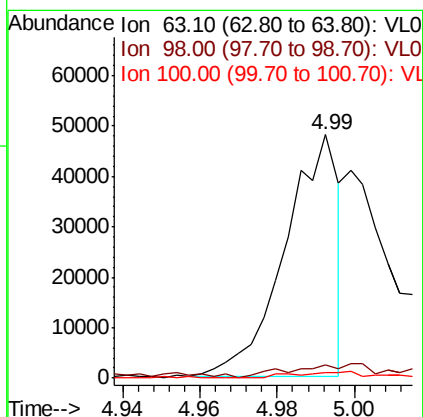
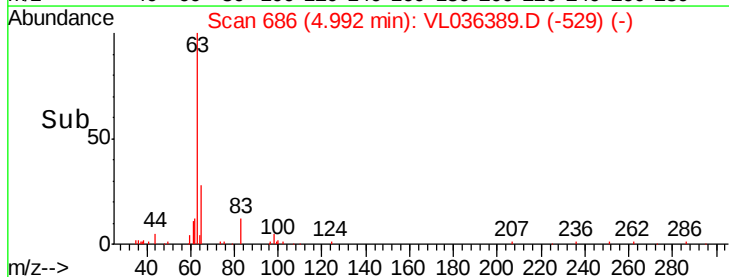
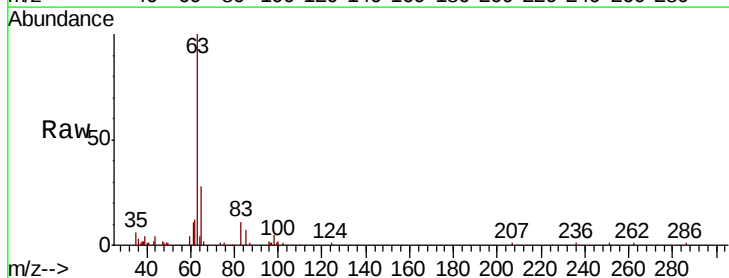
Delta R.T. 0.00 min

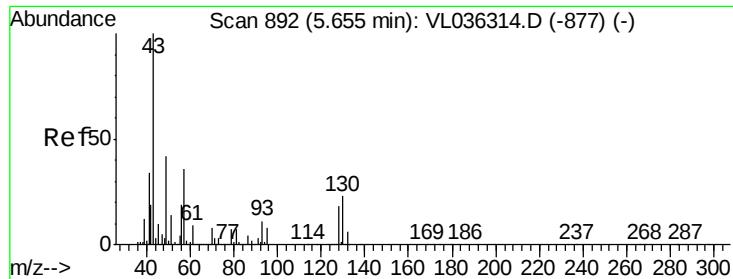
Lab File: VL036389.D

Acq: 25 Feb 2021 20:06

Tgt Ion: 63 Resp: 46381

Ion	Ratio	Lower	Upper
63	100		
98	4.4	2.0	6.0
100	1.8	1.5	4.4

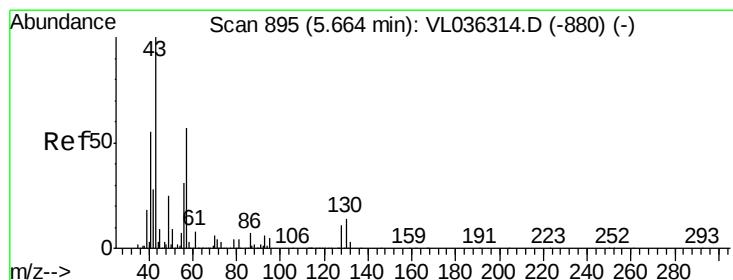
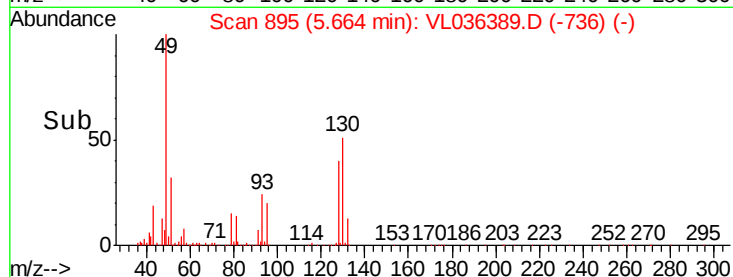
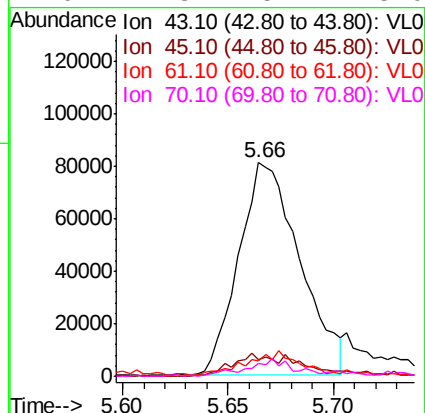
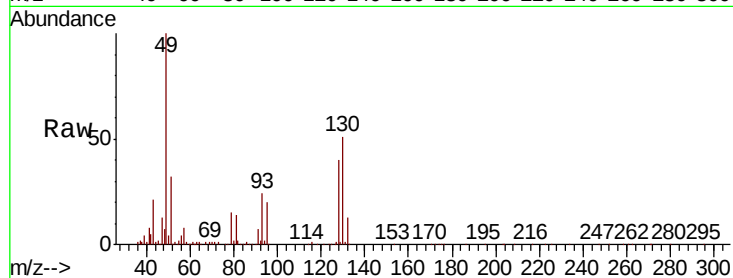




#25
Ethyl Acetate
Concen: 0.463 ppbv
RT: 5.66 min Scan# 895
Delta R.T. 0.01 min
Lab File: VL036389.D
Acq: 25 Feb 2021 20:06

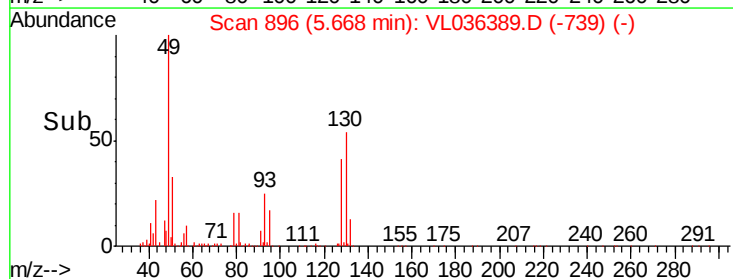
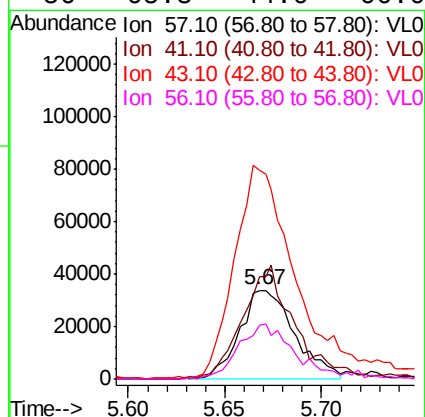
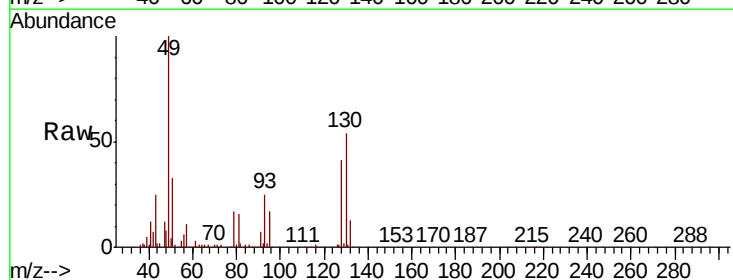
Instrument :
MSVOA_L
ClientSampleId :

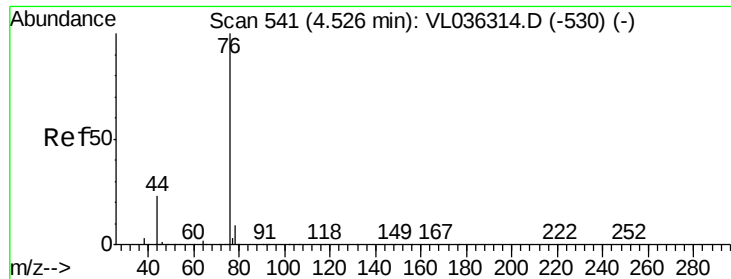
Tot Ion:	43	Resp:	162956
Ion	Ratio	Lower	Upper
43	100		
45	12.5	8.3	12.5#
61	12.2	7.3	10.9#
70	7.3	5.4	8.0



#26
Hexane
Concen: 0.461 ppbv
RT: 5.67 min Scan# 896
Delta R.T. 0.00 min
Lab File: VL036389.D
Acq: 25 Feb 2021 20:06

Tgt Ion:	57	Resp:	66696
Ion	Ratio	Lower	Upper
57	100		
41	127.6	81.7	122.5#
43	290.0	199.1	298.7
56	65.8	44.0	66.0





#27

Carbon Disulfide

Concen: 0.402 ppbv

RT: 4.54 min Scan# 545

Delta R.T. 0.01 min

Lab File: VL036389.D

Acq: 25 Feb 2021 20:06

Instrument :

MSVOA_L

ClientSampleId :

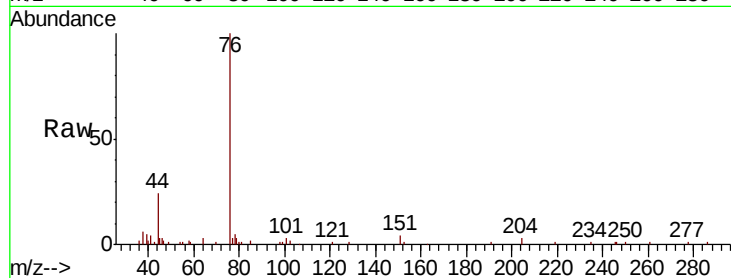
Tot Ion: 76 Resp: 53485

Ion Ratio Lower Upper

76 100

44 31.8 18.4 27.6#

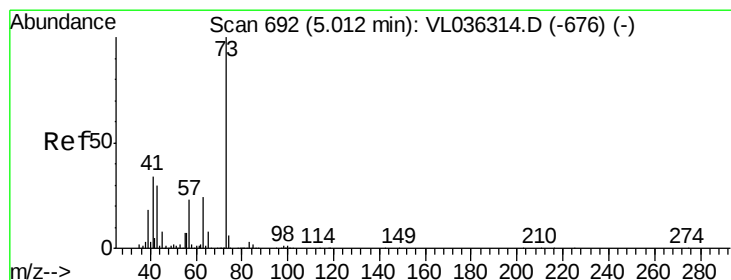
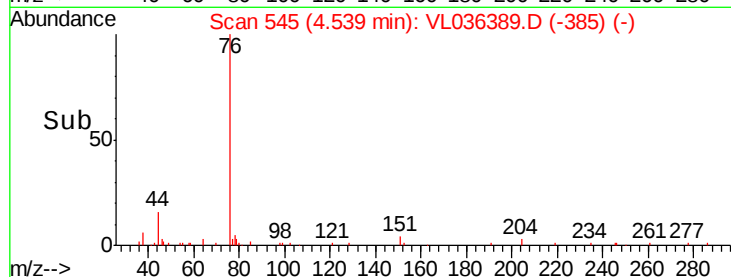
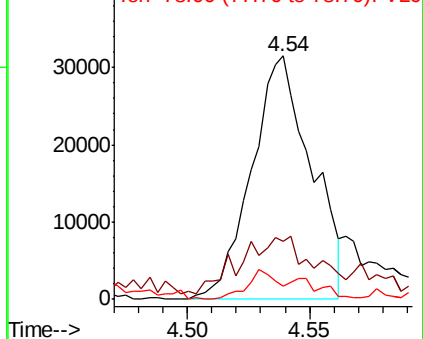
78 12.4 8.0 12.0#



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

Methyl tert-Butyl Ether

Concen: 0.383 ppbv

RT: 5.03 min Scan# 699

Delta R.T. 0.02 min

Lab File: VL036389.D

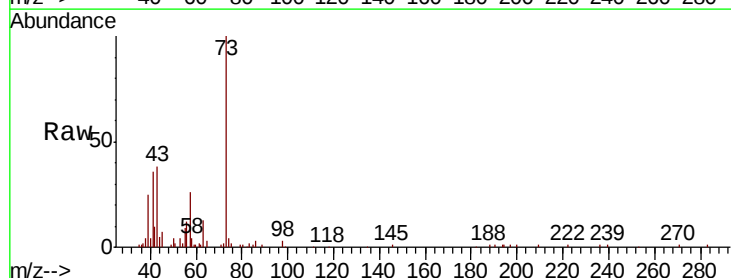
Acq: 25 Feb 2021 20:06

Tgt Ion: 73 Resp: 72423

Ion Ratio Lower Upper

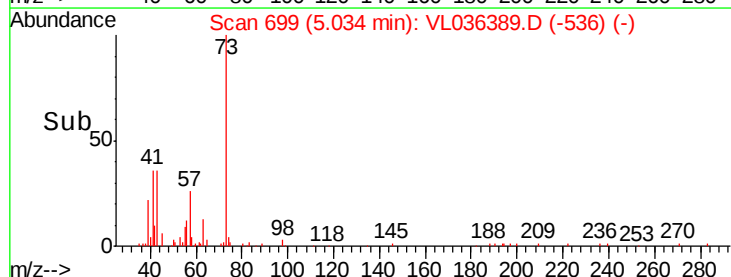
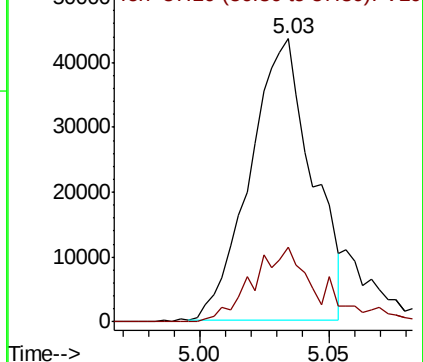
73 100

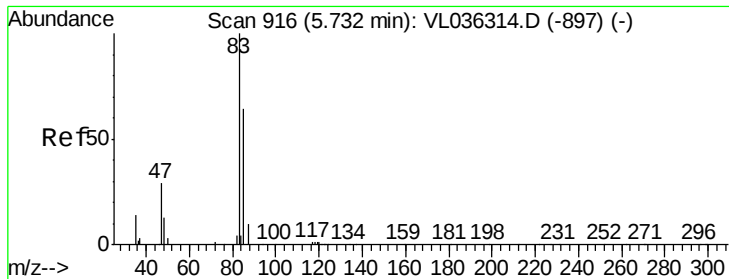
57 30.6 19.2 28.8#



Abundance Ion 73.10 (72.80 to 73.80): VL0

Ion 57.10 (56.80 to 57.80): VL0

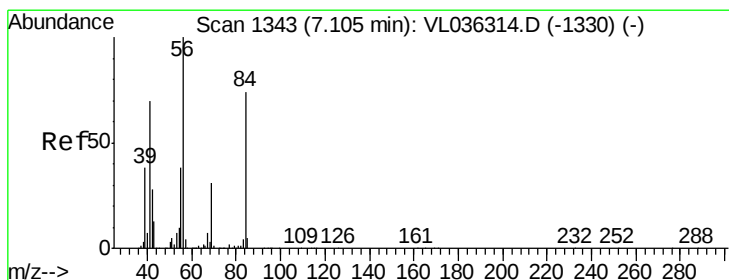
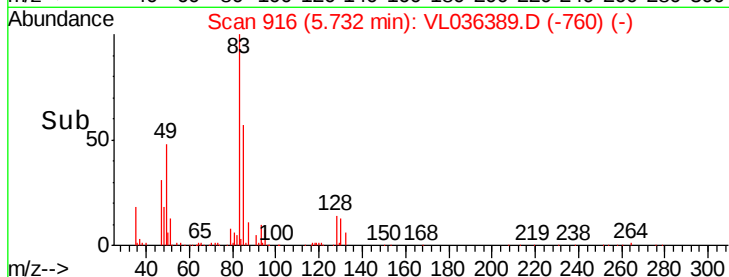
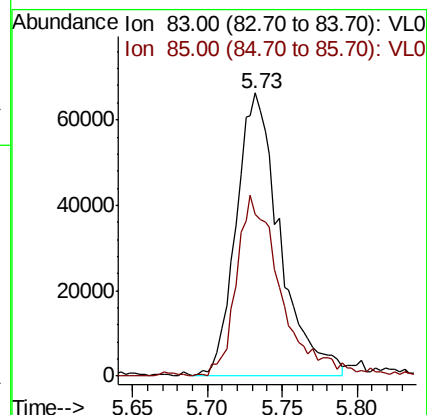
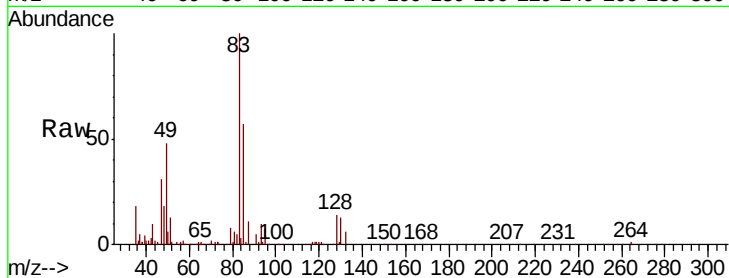




#29
Chloroform
Concen: 0.580 ppbv
RT: 5.73 min Scan# 916
Delta R.T. 0.00 min
Lab File: VL036389.D
Acq: 25 Feb 2021 20:06

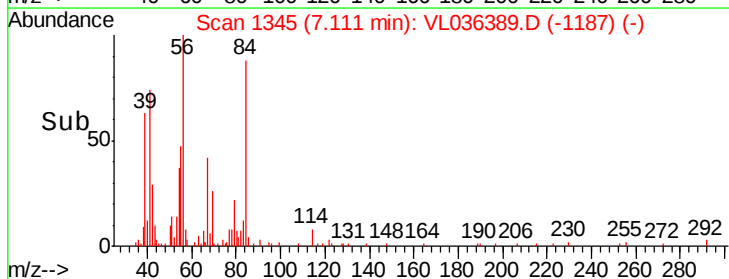
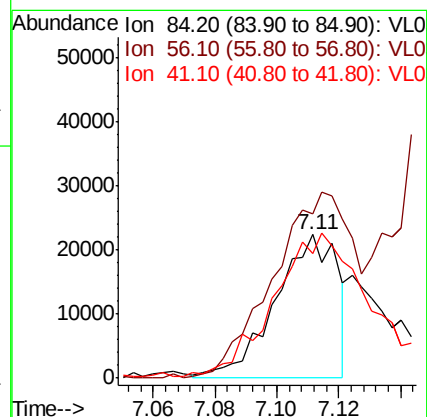
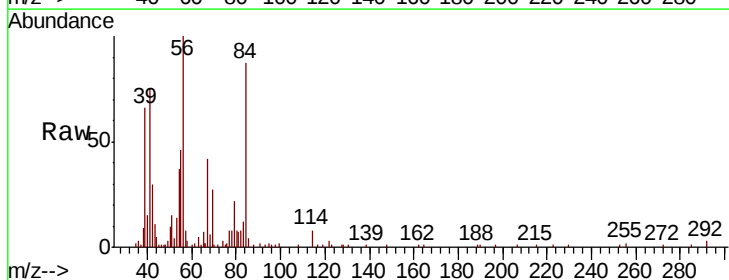
Instrument :
MSVOA_L
ClientSampleId :

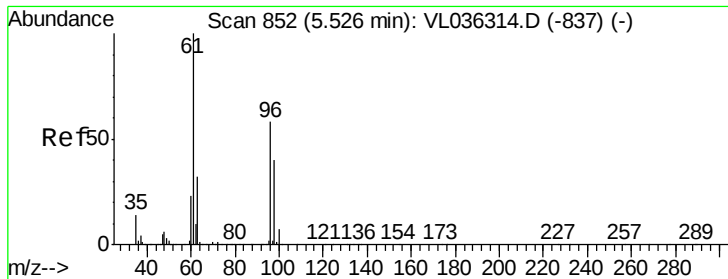
Tot Ion: 83 Resp: 135241
Ion Ratio Lower Upper
83 100
85 56.8 51.4 77.2



#30
Cyclohexane
Concen: 0.256 ppbv
RT: 7.11 min Scan# 1345
Delta R.T. 0.01 min
Lab File: VL036389.D
Acq: 25 Feb 2021 20:06

Tgt Ion: 84 Resp: 30773
Ion Ratio Lower Upper
84 100
56 0.0 120.2 180.4#
41 175.8 79.7 119.5#



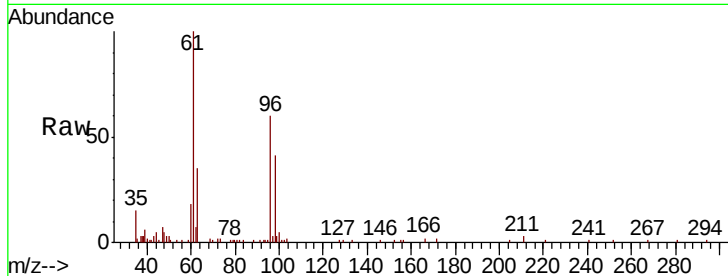


#31

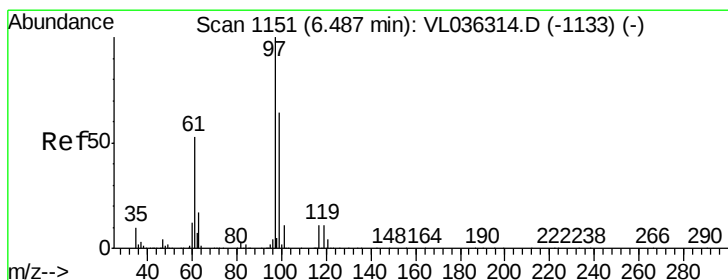
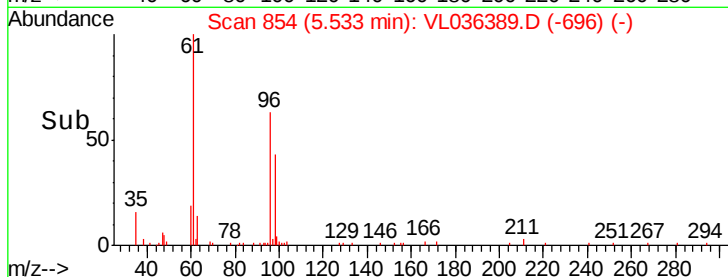
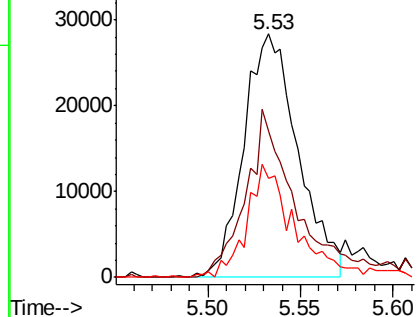
cis-1,2-Dichloroethene
Concen: 0.404 ppbv
RT: 5.53 min Scan# 854
Delta R.T. 0.01 min
Lab File: VL036389.D
Acq: 25 Feb 2021 20:06

Instrument :
MSVOA_L
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
61	100		
96	60.3	46.0	69.0
98	40.5	31.9	47.9



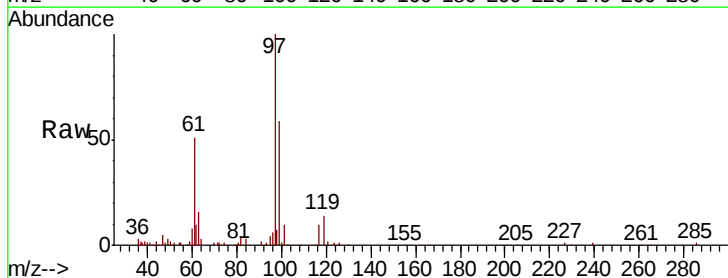
Abundance Ion 61.10 (60.80 to 61.80): VL0
Ion 96.00 (95.70 to 96.70): VL0
Ion 98.00 (97.70 to 98.70): VL0



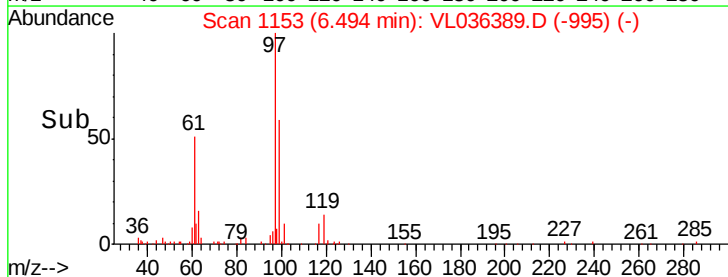
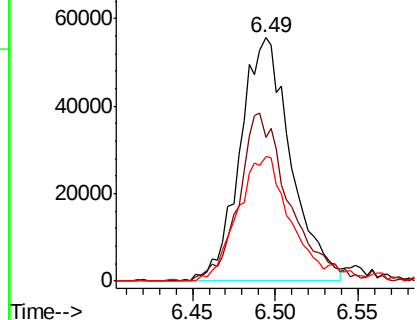
#32

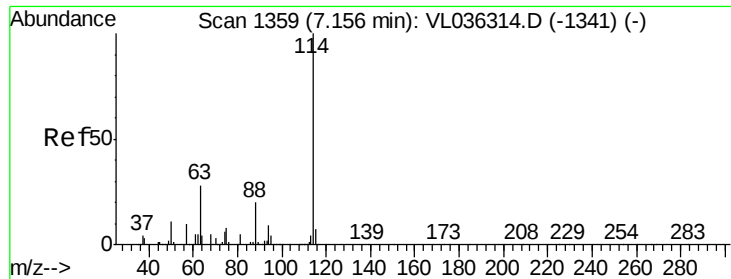
1,1,1-Trichloroethane
Concen: 0.539 ppbv
RT: 6.49 min Scan# 1153
Delta R.T. 0.01 min
Lab File: VL036389.D
Acq: 25 Feb 2021 20:06

Tgt Ion	Ratio	Lower	Upper
97	100		
99	70.3	52.2	78.4
61	57.0	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

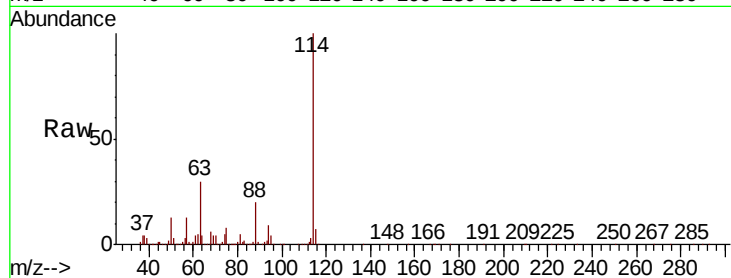




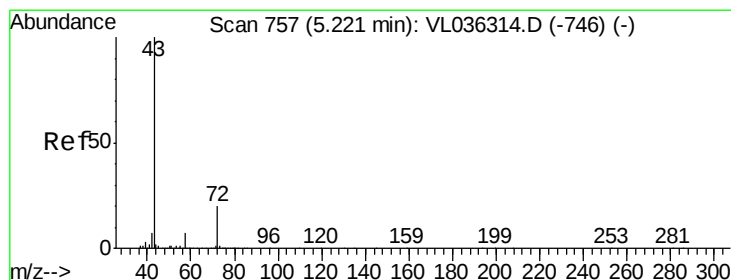
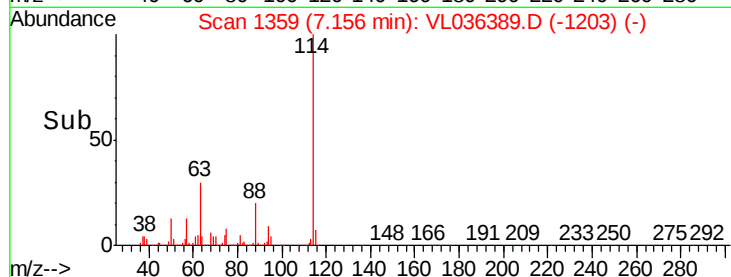
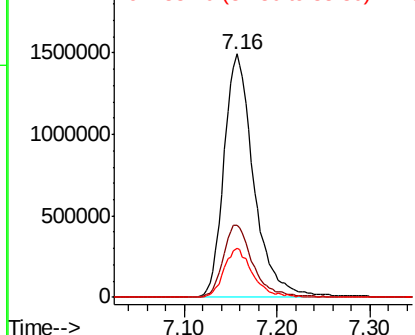
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.16 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VL036389.D
 Acq: 25 Feb 2021 20:06

Instrument :
 MSVOA_L
 ClientSampleId :

Tot Ion:114 Resp: 3340374
 Ion Ratio Lower Upper
 114 100
 63 29.6 24.1 36.1
 88 19.7 16.0 24.0

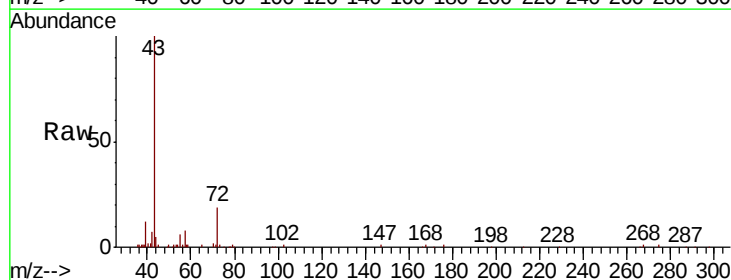


Abundance Ion 114.10 (113.80 to 114.80): VL0
 Ion 63.10 (62.80 to 63.80): VL0
 Ion 88.10 (87.80 to 88.80): VL0

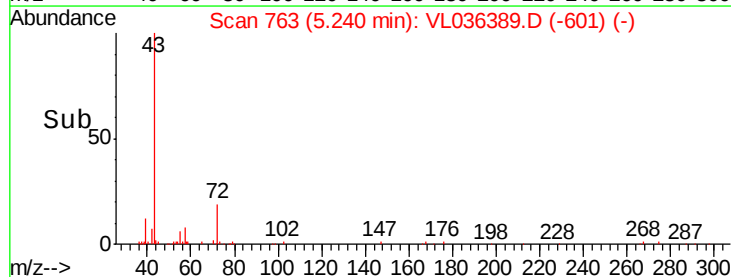
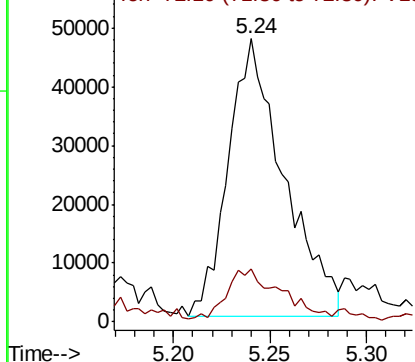


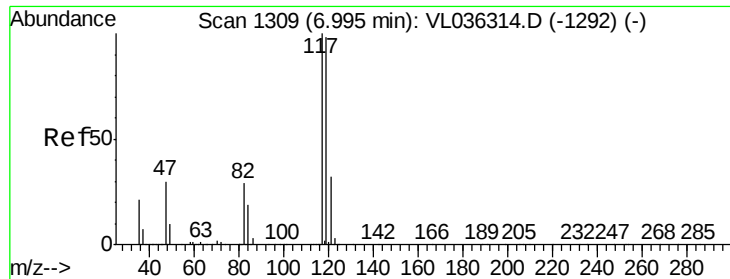
#34
 2-Butanone
 Concen: 0.429 ppbv
 RT: 5.24 min Scan# 763
 Delta R.T. 0.02 min
 Lab File: VL036389.D
 Acq: 25 Feb 2021 20:06

Tgt Ion: 43 Resp: 95157
 Ion Ratio Lower Upper
 43 100
 72 21.3 16.7 25.1



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

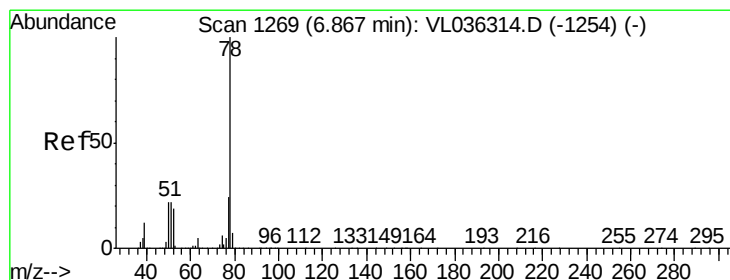
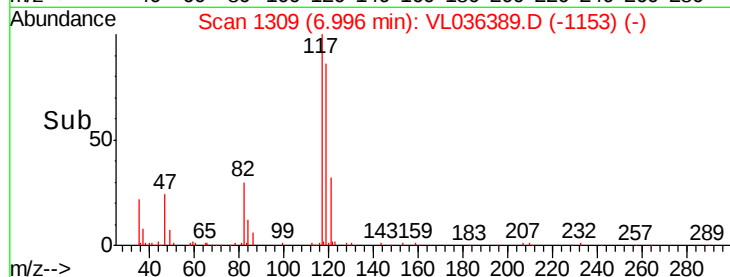
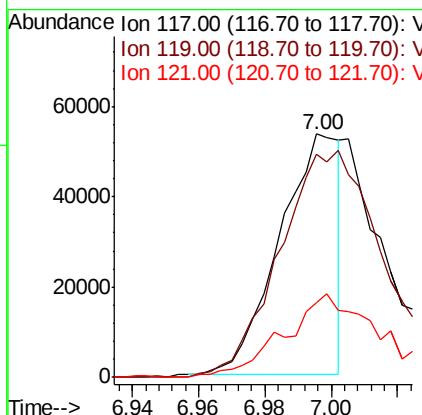
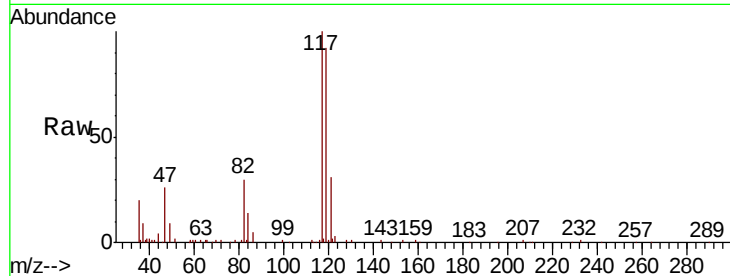




#35
Carbon Tetrachloride
Concen: 0.300 ppbv
RT: 7.00 min Scan# 1309
Delta R.T. 0.00 min
Lab File: VL036389.D
Acq: 25 Feb 2021 20:06

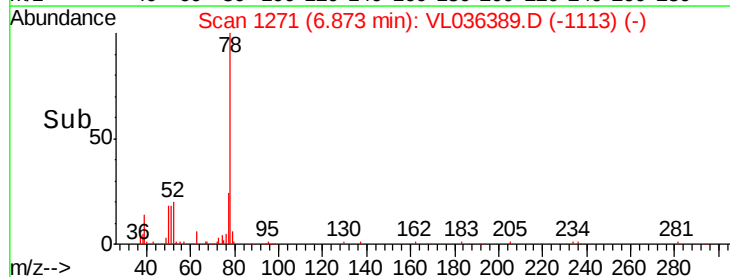
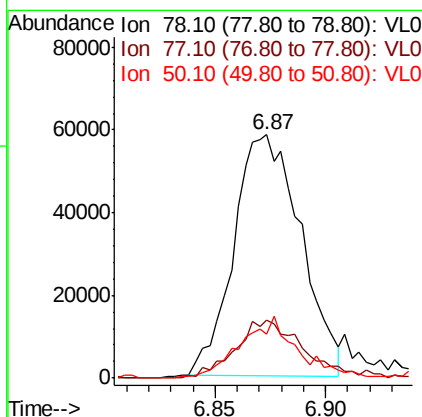
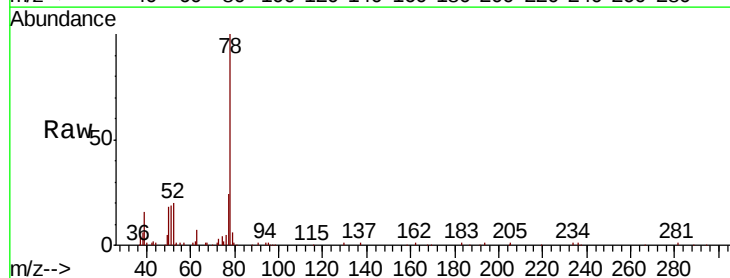
Instrument :
MSVOA_L
ClientSampleId :

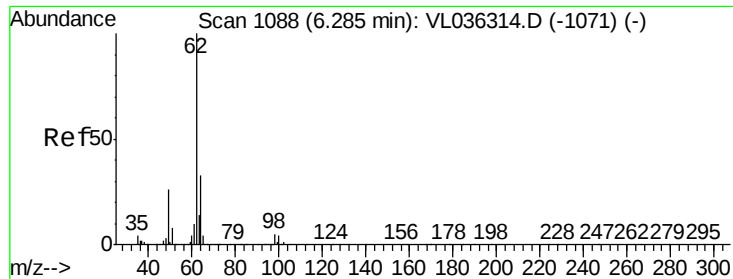
Tot Ion:117 Resp: 67169
Ion Ratio Lower Upper
117 100
119 92.5 78.1 117.1
121 30.5 25.8 38.8



#36
Benzene
Concen: 0.432 ppbv
RT: 6.87 min Scan# 1271
Delta R.T. 0.01 min
Lab File: VL036389.D
Acq: 25 Feb 2021 20:06

Tgt Ion: 78 Resp: 122713
Ion Ratio Lower Upper
78 100
77 22.8 18.9 28.3
50 17.8 17.3 25.9

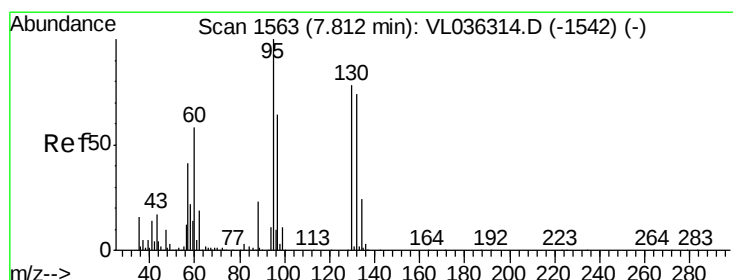
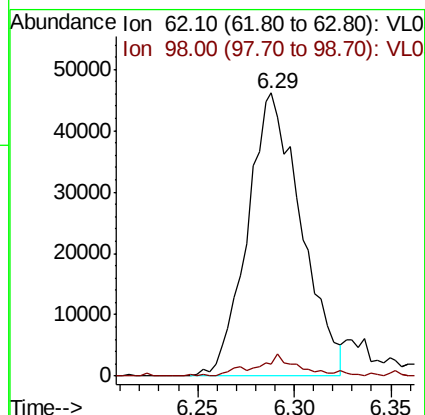
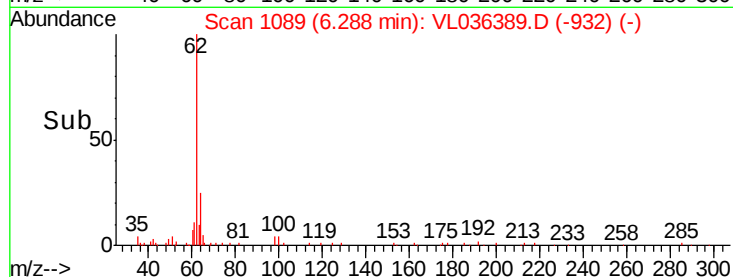
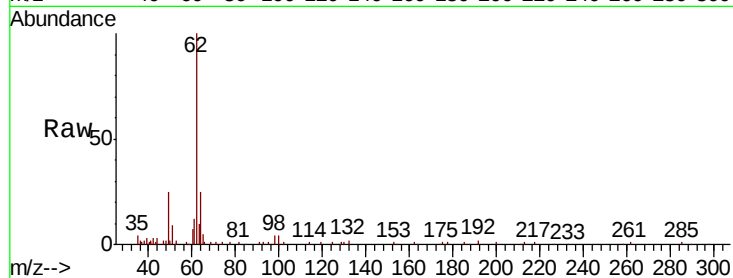




#37
1,2-Dichloroethane
Concen: 0.508 ppbv
RT: 6.29 min Scan# 1089
Delta R.T. 0.00 min
Lab File: VL036389.D
Acq: 25 Feb 2021 20:06

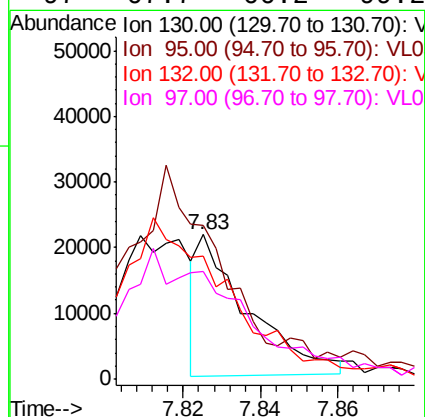
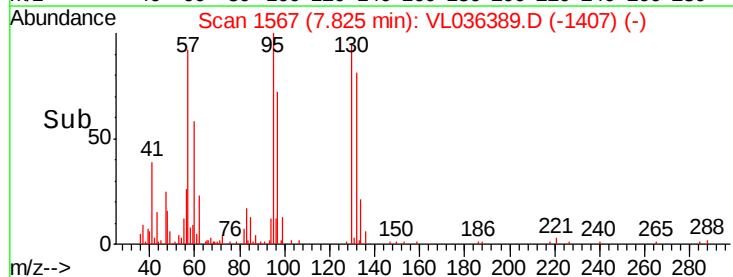
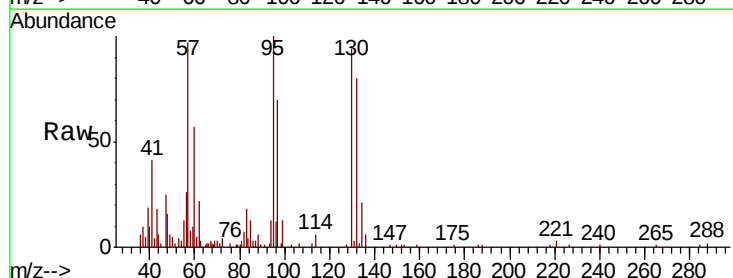
Instrument :
MSVOA_L
ClientSampleId :

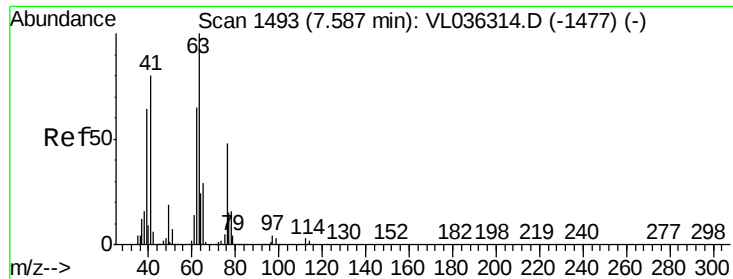
Tot Ion: 62 Resp: 89179
Ion Ratio Lower Upper
62 100
98 6.5 4.5 6.7



#38
Trichloroethene
Concen: 0.192 ppbv
RT: 7.83 min Scan# 1567
Delta R.T. 0.01 min
Lab File: VL036389.D
Acq: 25 Feb 2021 20:06

Tgt Ion:130 Resp: 19541
Ion Ratio Lower Upper
130 100
95 104.0 102.8 154.2
132 87.2 75.7 113.5
97 67.7 66.2 99.2





#39

1,2-Dichloropropane

Concen: 0.270 ppbv

RT: 7.59 min Scan# 1495

Delta R.T. 0.01 min

Lab File: VL036389.D

Acq: 25 Feb 2021 20:06

Instrument :

MSVOA_L

ClientSampleId :

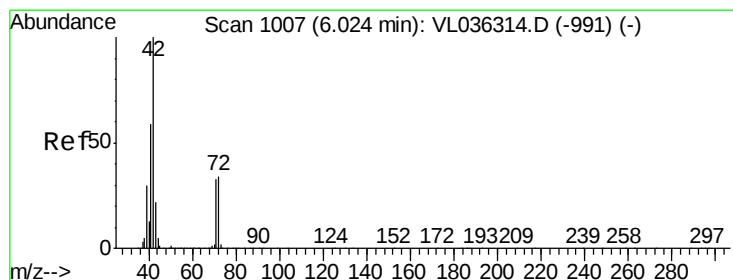
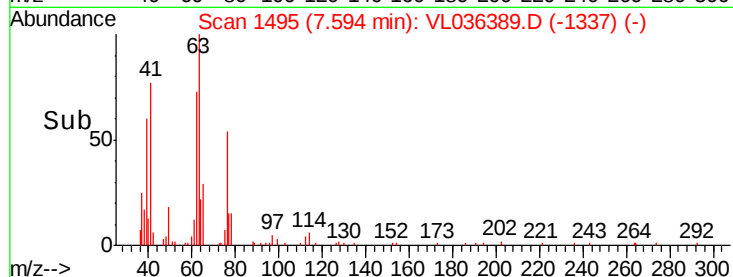
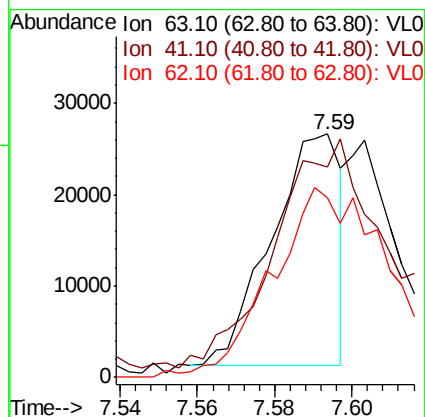
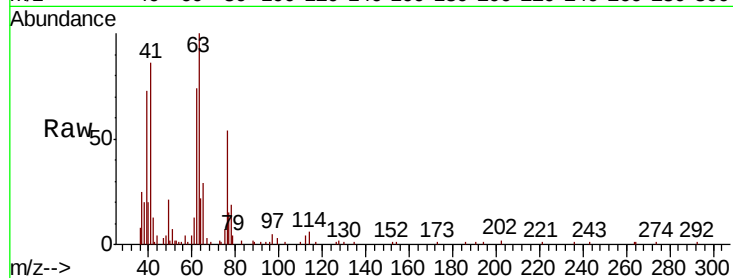
Tot Ion: 63 Resp: 31170

Ion Ratio Lower Upper

63 100

41 81.4 63.8 95.6

62 75.1 52.3 78.5



#41

Tetrahydrofuran

Concen: 0.134 ppbv

RT: 6.05 min Scan# 1014

Delta R.T. 0.02 min

Lab File: VL036389.D

Acq: 25 Feb 2021 20:06

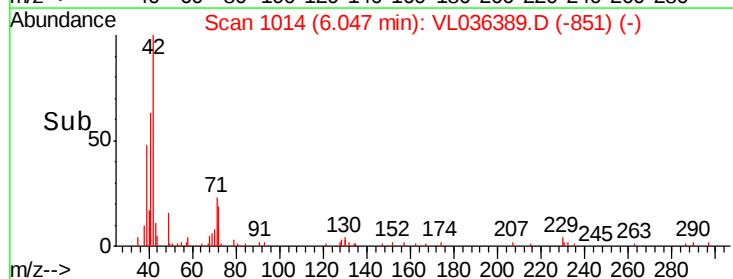
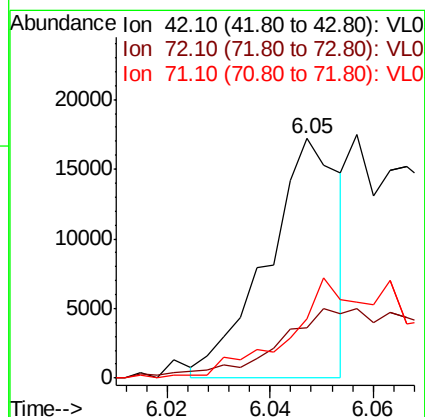
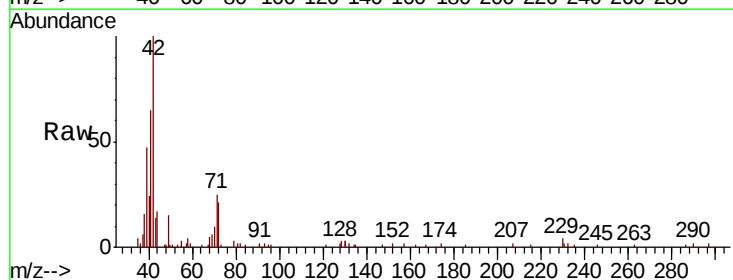
Tgt Ion: 42 Resp: 16637

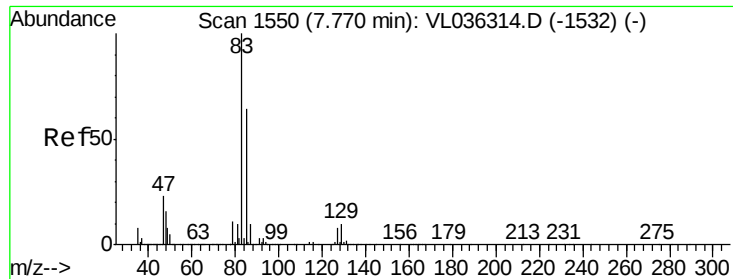
Ion Ratio Lower Upper

42 100

72 0.0 29.3 43.9#

71 91.6 27.8 41.8#





#42

Bromodichloromethane

Concen: 0.509 ppbv

RT: 7.78 min Scan# 1552

Delta R.T. 0.01 min

Lab File: VL036389.D

Acq: 25 Feb 2021 20:06

Instrument :

MSVOA_L

ClientSampleId :

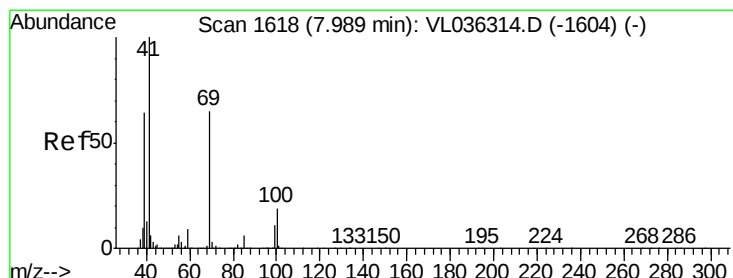
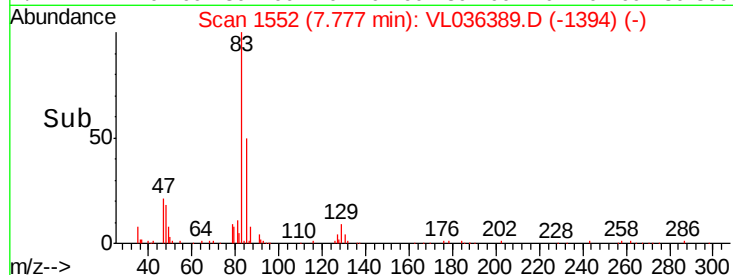
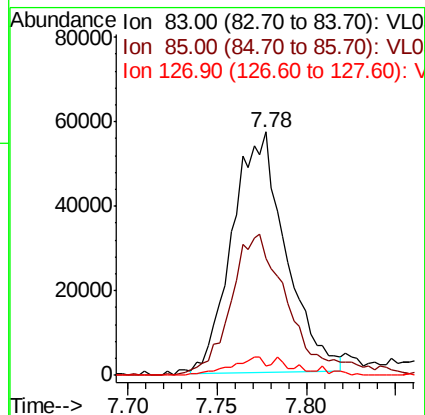
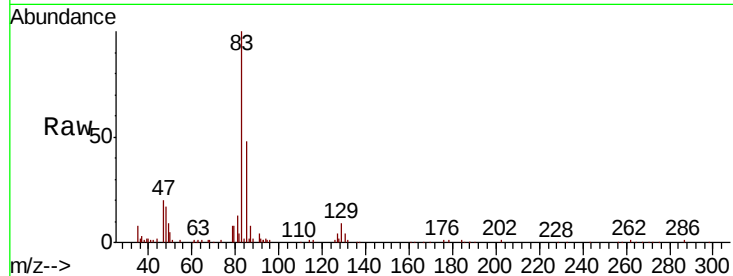
Tot Ion: 83 Resp: 119487

Ion Ratio Lower Upper

83 100

85 46.1 51.1 76.7#

127 3.5 6.3 9.5#



#43

Methyl Methacrylate

Concen: 0.257 ppbv

RT: 8.00 min Scan# 1622

Delta R.T. 0.01 min

Lab File: VL036389.D

Acq: 25 Feb 2021 20:06

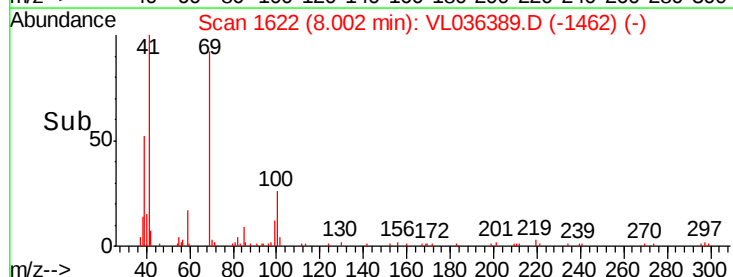
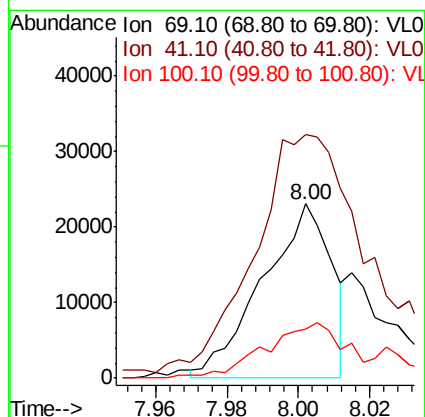
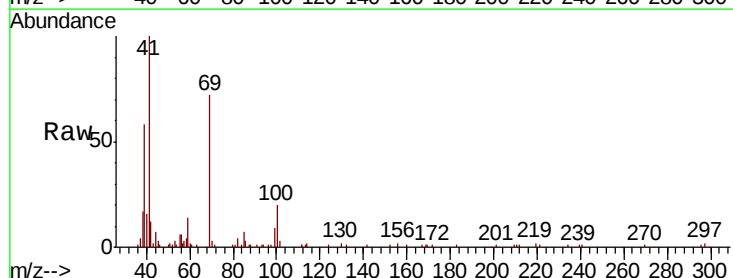
Tgt Ion: 69 Resp: 30705

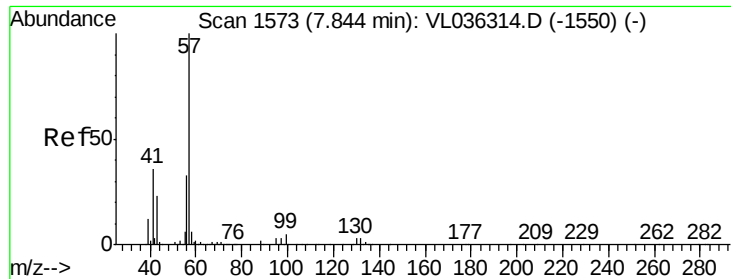
Ion Ratio Lower Upper

69 100

41 241.8 126.5 189.7#

100 47.9 23.1 34.7#





#44

2,2,4-Trimethylpentane

Concen: 0.466 ppbv

RT: 7.85 min Scan# 1576

Delta R.T. 0.01 min

Lab File: VL036389.D

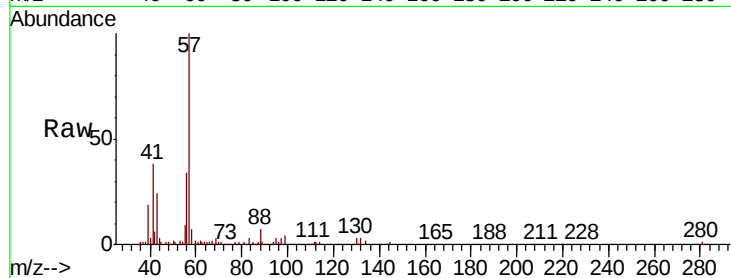
Acq: 25 Feb 2021 20:06

Instrument :

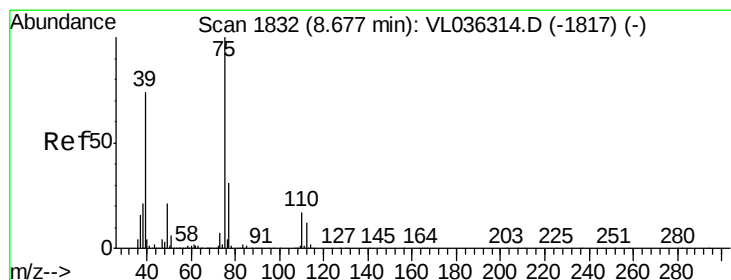
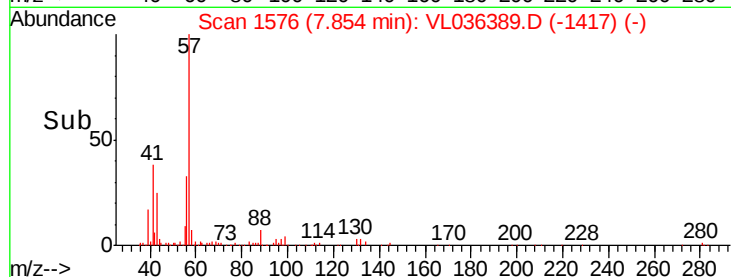
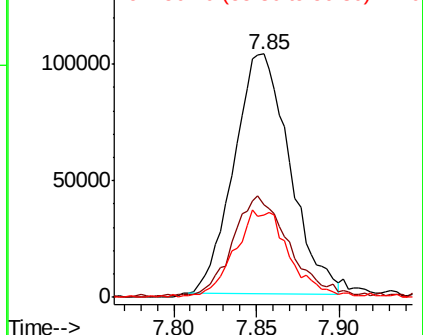
MSVOA_L

ClientSampleId :

Tot Ion:	57	Resp:	240606
Ion	Ratio	Lower	Upper
57	100		
41	43.5	28.8	43.2#
56	36.1	25.8	38.6



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



#46

cis-1,3-Dichloropropene

Concen: 0.187 ppbv

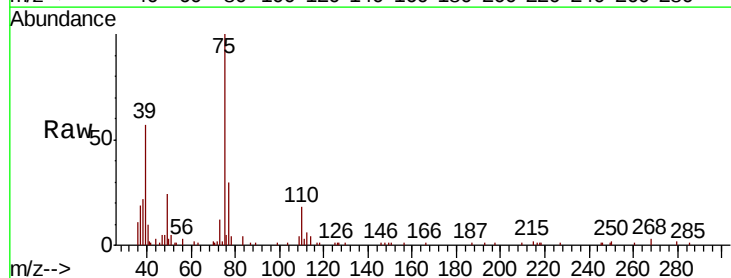
RT: 8.68 min Scan# 1833

Delta R.T. 0.00 min

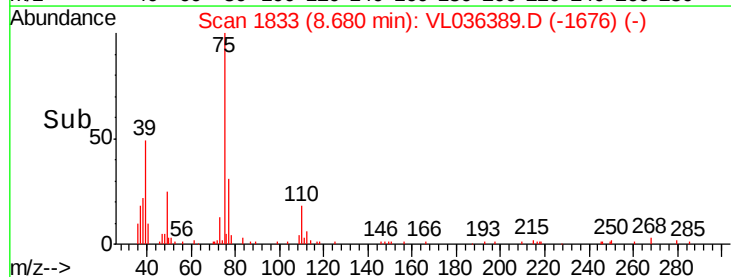
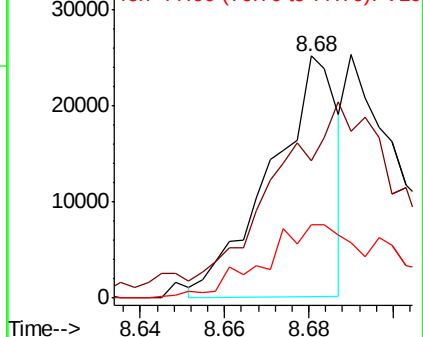
Lab File: VL036389.D

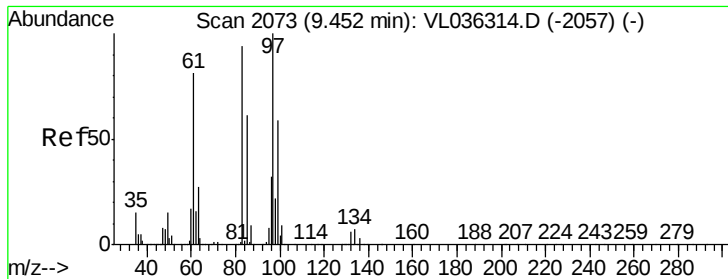
Acq: 25 Feb 2021 20:06

Tgt Ion:	75	Resp:	27424
Ion	Ratio	Lower	Upper
75	100		
39	51.6	59.2	88.8#
77	28.5	25.0	37.6



Abundance Ion 75.00 (74.70 to 75.70): VL0
Ion 39.00 (38.70 to 39.70): VL0
Ion 77.00 (76.70 to 77.70): VL0

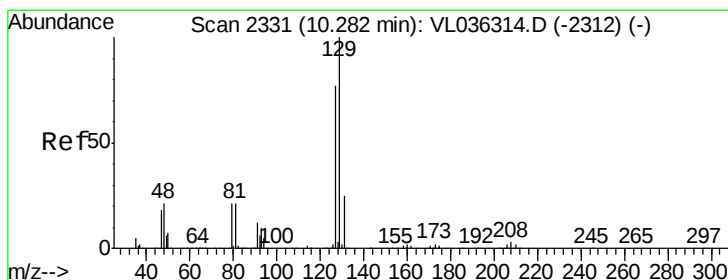
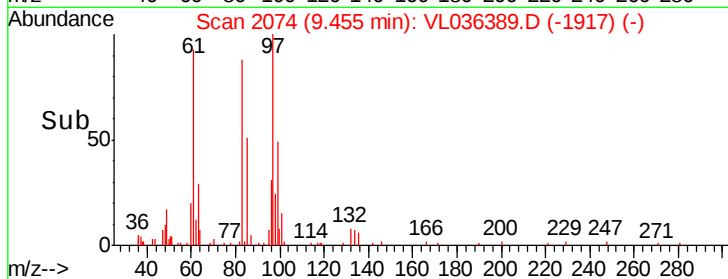
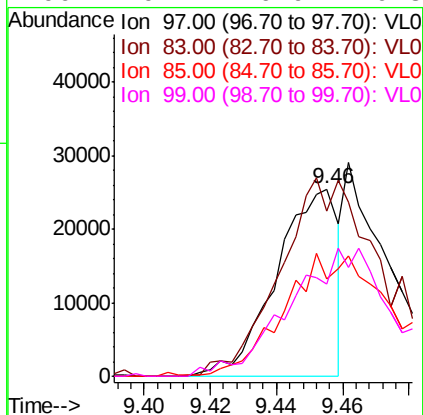
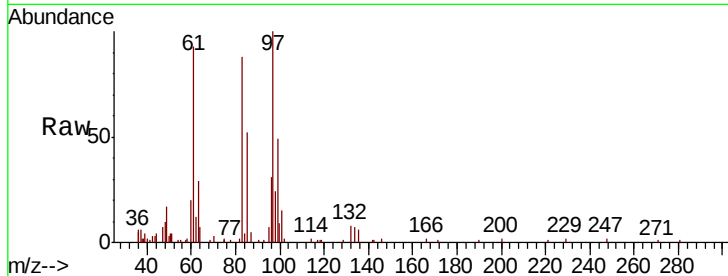




#47
 1,1,2-Trichloroethane
 Concen: 0.279 ppbv
 RT: 9.46 min Scan# 2074
 Delta R.T. 0.00 min
 Lab File: VL036389.D
 Acq: 25 Feb 2021 20:06

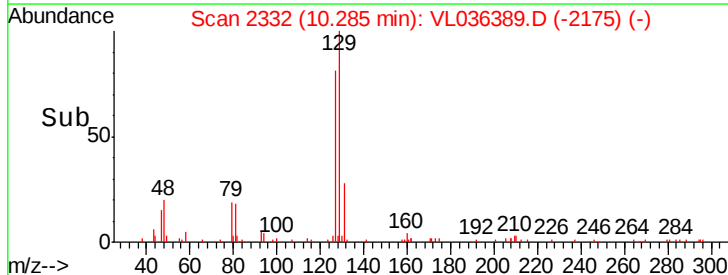
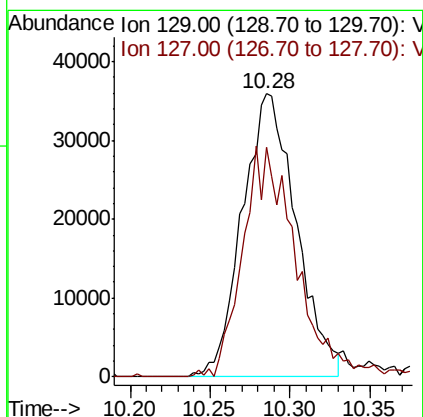
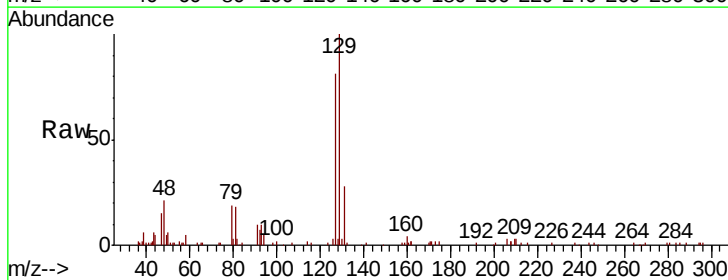
Instrument :
 MSVOA_L
 ClientSampleId :

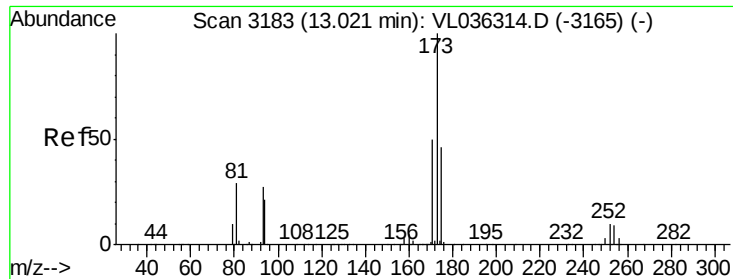
Tot Ion: 97 Resp: 32914
 Ion Ratio Lower Upper
 97 100
 83 87.2 75.4 113.0
 85 51.1 48.9 73.3
 99 49.4 46.9 70.3



#48
 Dibromochloromethane
 Concen: 0.471 ppbv
 RT: 10.28 min Scan# 2332
 Delta R.T. 0.00 min
 Lab File: VL036389.D
 Acq: 25 Feb 2021 20:06

Tgt Ion: 129 Resp: 82975
 Ion Ratio Lower Upper
 129 100
 127 81.4 39.1 117.2





#49

Bromoform

Concen: 0.377 ppbv

RT: 13.02 min Scan# 3182

Delta R.T. -0.00 min

Lab File: VL036389.D

Acq: 25 Feb 2021 20:06

Instrument :

MSVOA_L

ClientSampleId :

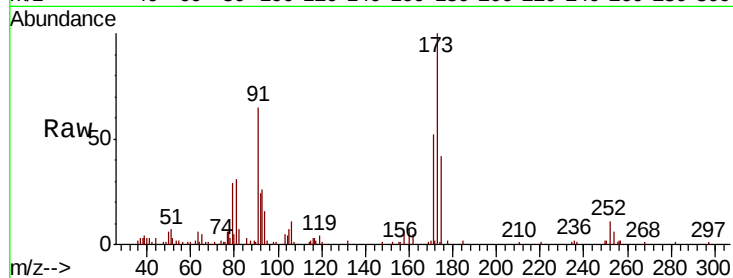
Tot Ion:173 Resp: 53637

Ion Ratio Lower Upper

173 100

175 61.9 40.2 60.2#

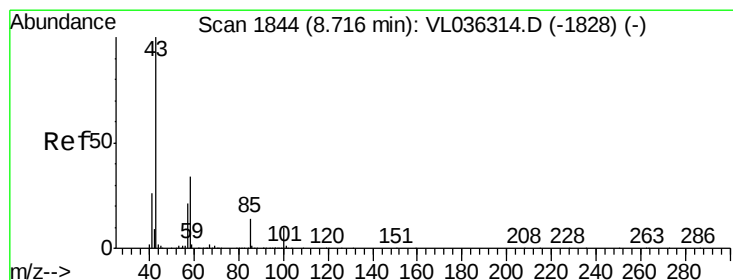
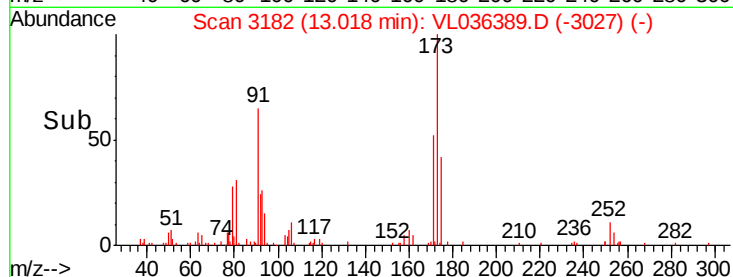
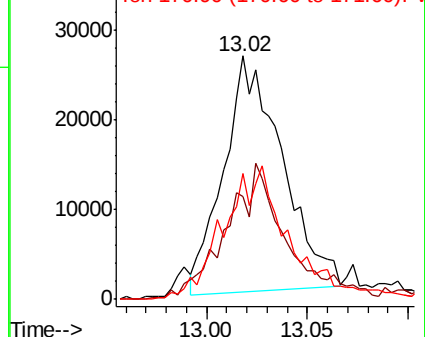
171 63.3 43.4 65.2



Abundance Ion 172.90 (172.60 to 173.60): V

Ion 174.90 (174.60 to 175.60): V

Ion 170.90 (170.60 to 171.60): V



#50

4-Methyl-2-Pentanone

Concen: 0.250 ppbv

RT: 8.74 min Scan# 1852

Delta R.T. 0.03 min

Lab File: VL036389.D

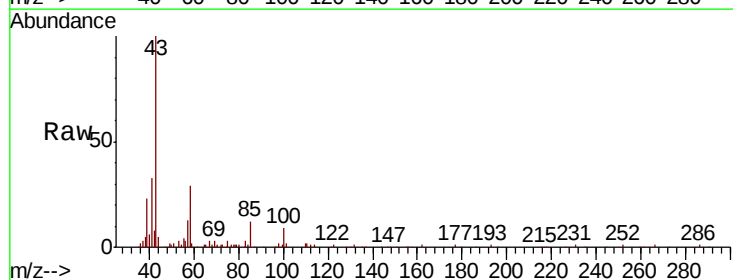
Acq: 25 Feb 2021 20:06

Tgt Ion: 43 Resp: 82294

Ion Ratio Lower Upper

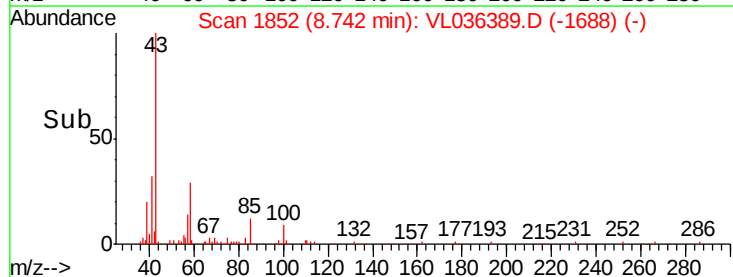
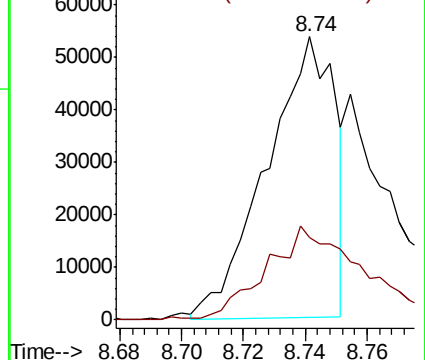
43 100

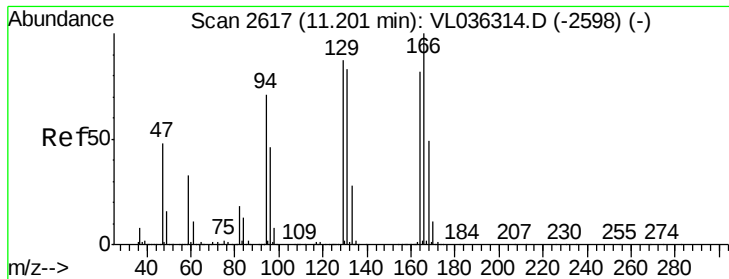
58 47.8 27.8 41.6#



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0





#52

Tetrachloroethene

Concen: 0.270 ppbv

RT: 11.20 min Scan# 2618

Delta R.T. 0.00 min

Lab File: VL036389.D

Acq: 25 Feb 2021 20:06

Instrument :

MSVOA_L

ClientSampleId :

Tot Ion:164 Resp: 28067

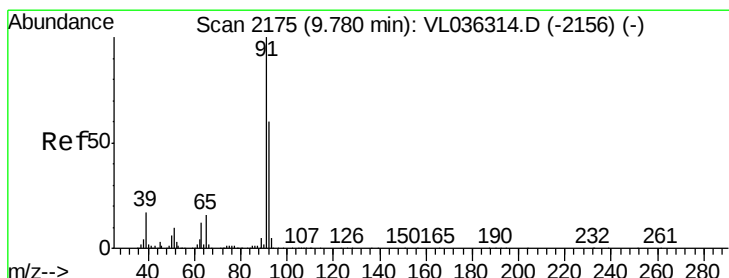
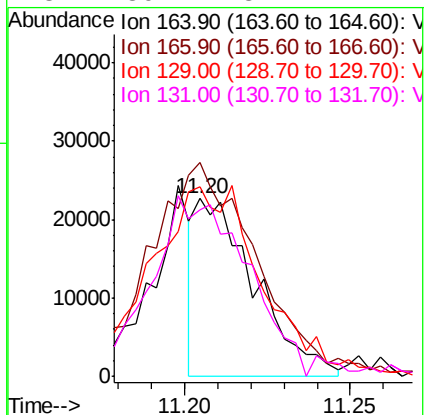
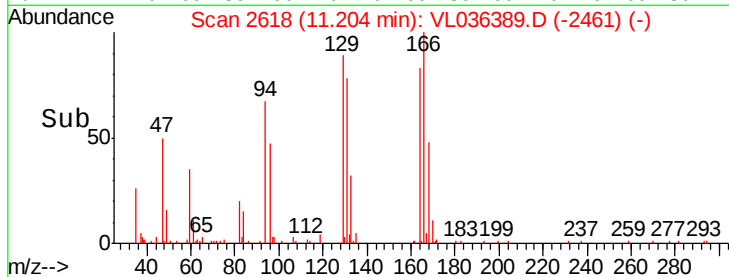
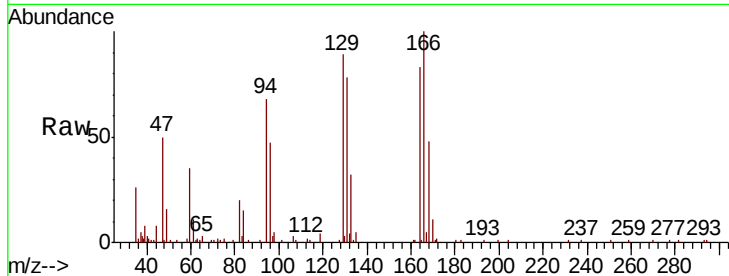
Ion	Ratio	Lower	Upper
164	100		
166	113.9	97.8	146.8
129	103.7	84.9	127.3
131	89.2	81.4	122.2

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: 0.379 ppbv

RT: 9.79 min Scan# 2178

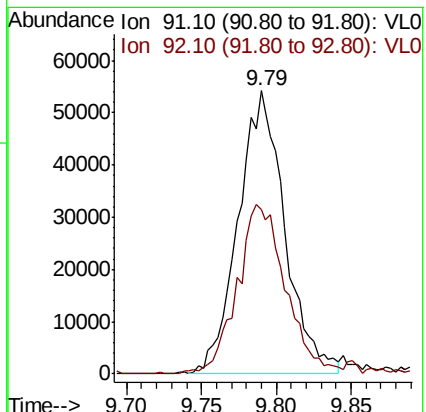
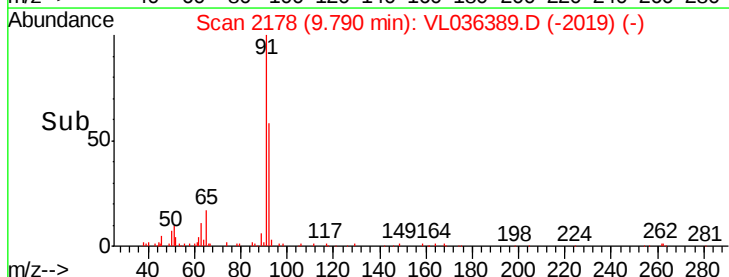
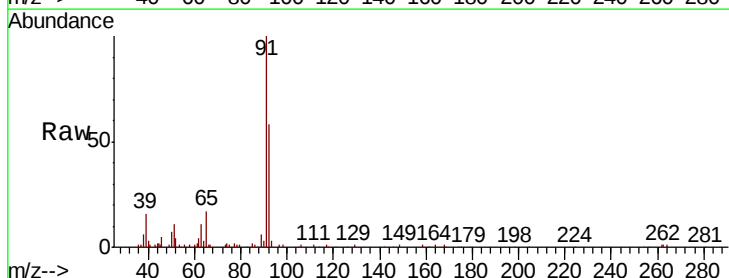
Delta R.T. 0.01 min

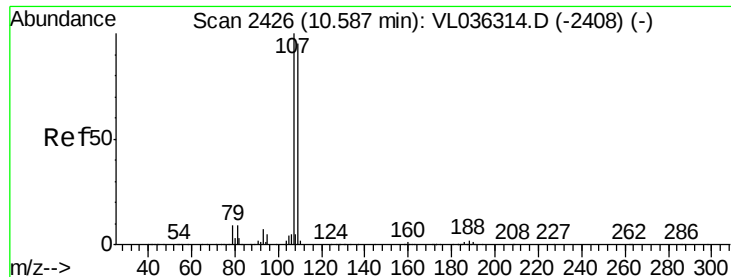
Lab File: VL036389.D

Acq: 25 Feb 2021 20:06

Tgt Ion: 91 Resp: 116446

Ion	Ratio	Lower	Upper
91	100		
92	62.4	48.6	72.8

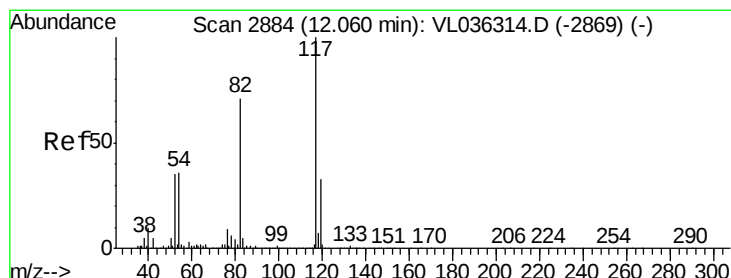
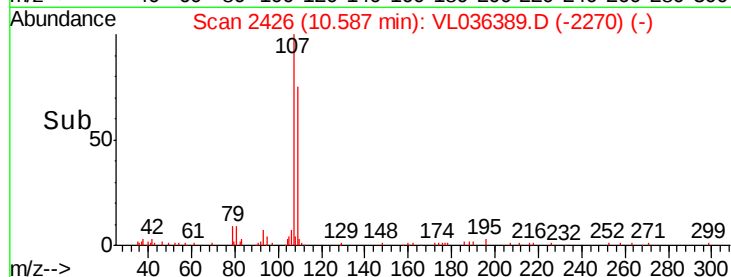
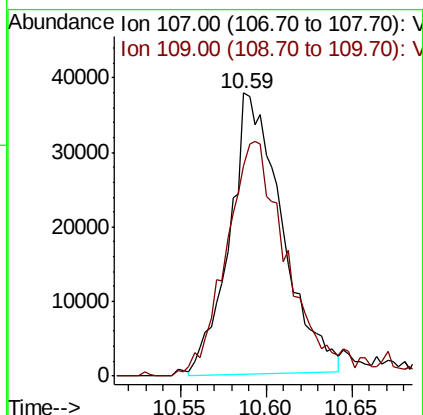
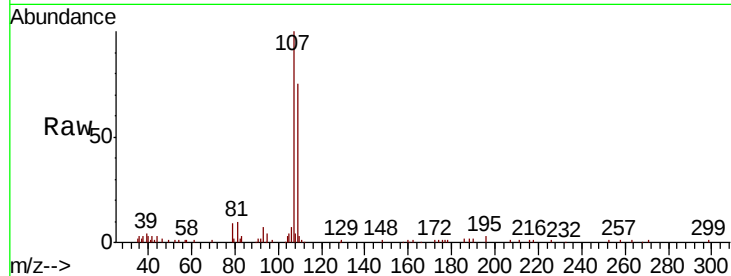




#54
 1,2-Dibromoethane
 Concen: 0.469 ppbv
 RT: 10.59 min Scan# 2426
 Delta R.T. 0.00 min
 Lab File: VL036389.D
 Acq: 25 Feb 2021 20:06

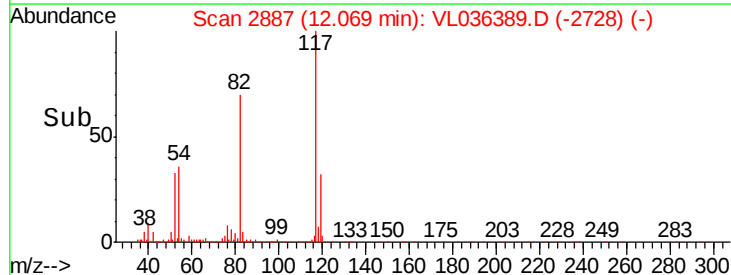
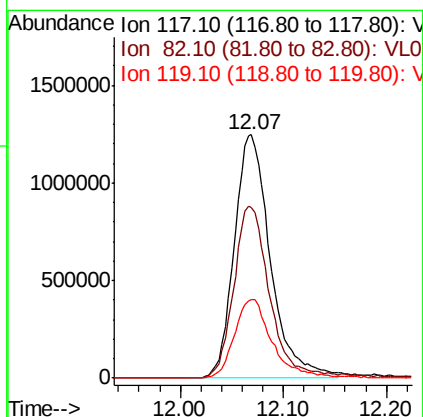
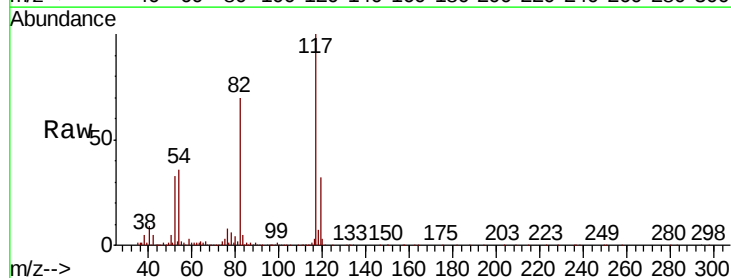
Instrument :
 MSVOA_L
 ClientSampleId :

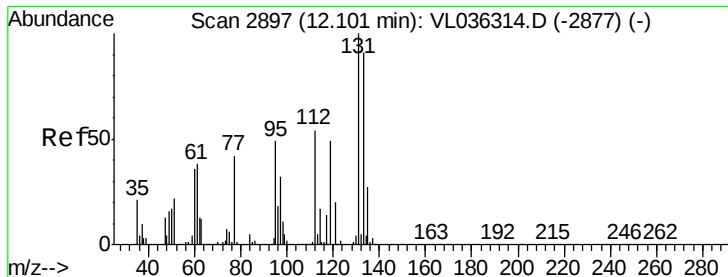
Tot Ion:107 Resp: 79921
 Ion Ratio Lower Upper
 107 100
 109 72.2 76.0 114.0#



#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 12.07 min Scan# 2887
 Delta R.T. 0.01 min
 Lab File: VL036389.D
 Acq: 25 Feb 2021 20:06

Tgt Ion:117 Resp: 3041092
 Ion Ratio Lower Upper
 117 100
 82 72.2 59.1 88.7
 119 34.4 46.3 69.5#





#56

1,1,1,2-Tetrachloroethane

Concen: 0.454 ppbv

RT: 12.11 min Scan# 2899

Delta R.T. 0.01 min

Lab File: VL036389.D

Acq: 25 Feb 2021 20:06

Instrument :

MSVOA_L

ClientSampleId :

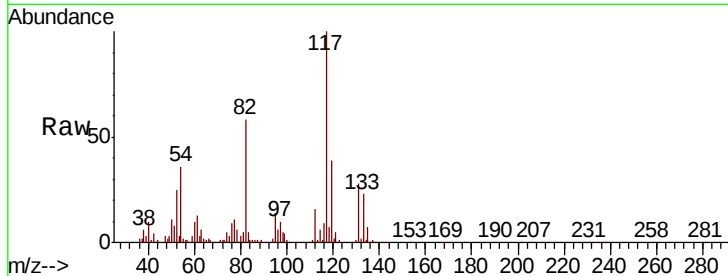
Tot Ion:131 Resp: 63459

Ion Ratio Lower Upper

131 100

133 119.8 76.0 114.0#

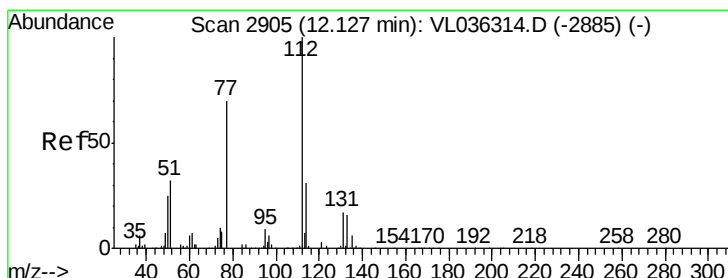
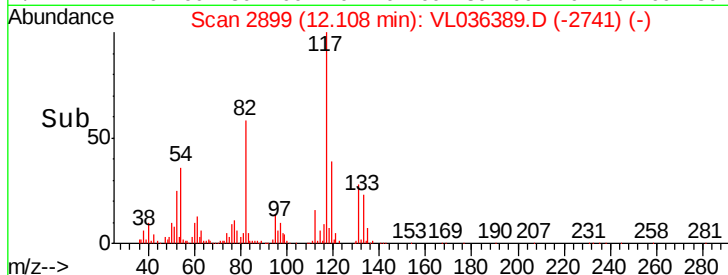
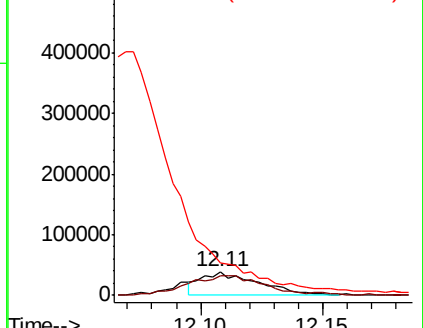
119 0.0 115.1 172.7#



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: 0.567 ppbv

RT: 12.13 min Scan# 2905

Delta R.T. 0.00 min

Lab File: VL036389.D

Acq: 25 Feb 2021 20:06

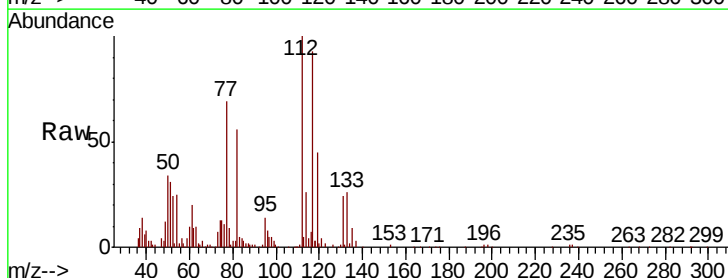
Tgt Ion:112 Resp: 133231

Ion Ratio Lower Upper

112 100

77 65.4 56.1 84.1

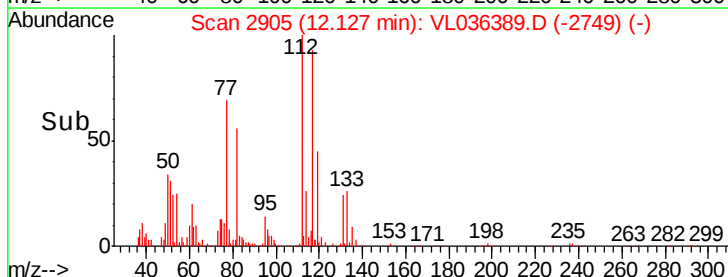
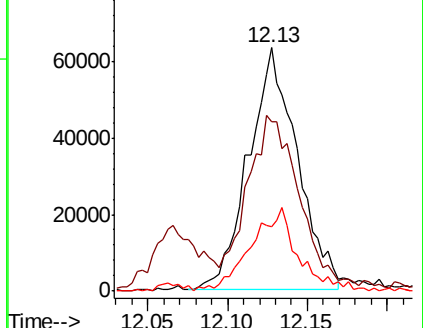
114 24.1 28.3 34.5#

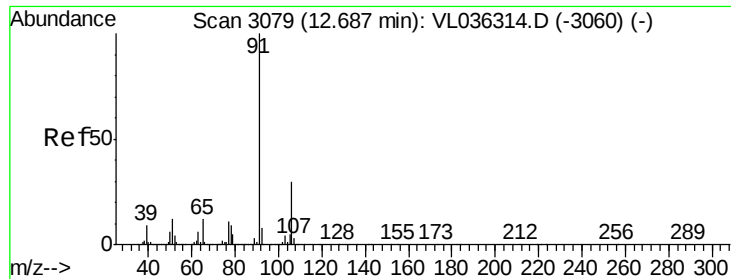


Abundance Ion 112.10 (111.80 to 112.80): V

Ion 77.10 (76.80 to 77.80): VL0

Ion 114.10 (113.80 to 114.80): V





#58

Ethyl Benzene

Concen: 0.175 ppbv

RT: 12.70 min Scan# 3083

Delta R.T. 0.01 min

Lab File: VL036389.D

Acq: 25 Feb 2021 20:06

Instrument :

MSVOA_L

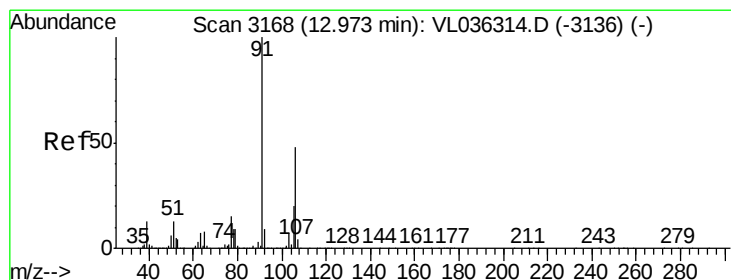
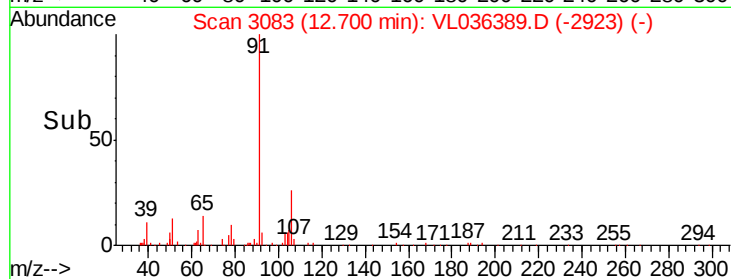
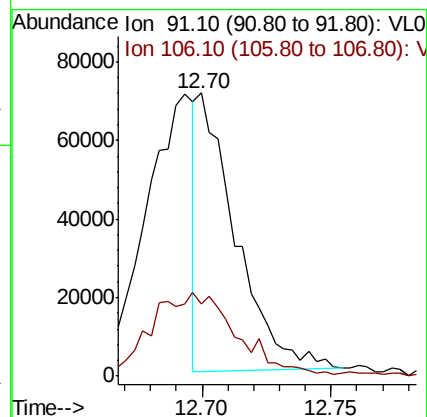
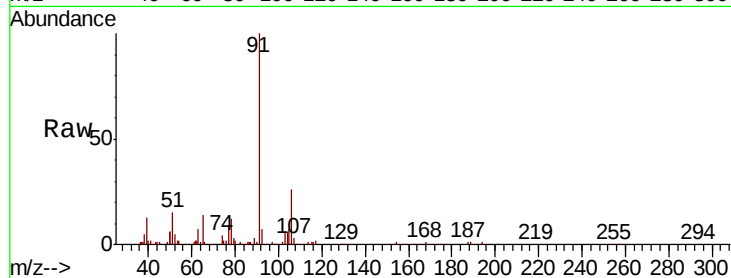
ClientSampleId :

Tot Ion: 91 Resp: 72759

Ion Ratio Lower Upper

91 100

106 25.5 23.8 35.6



#59

m/p-Xylene

Concen: 0.263 ppbv

RT: 12.98 min Scan# 3171

Delta R.T. 0.01 min

Lab File: VL036389.D

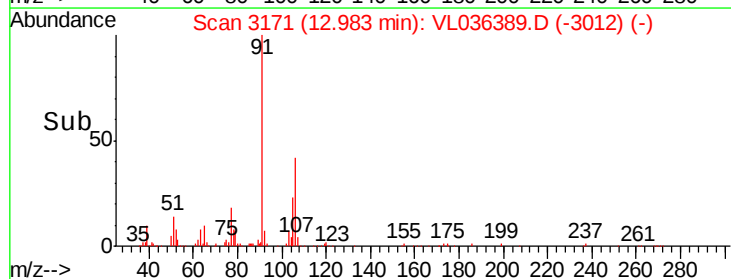
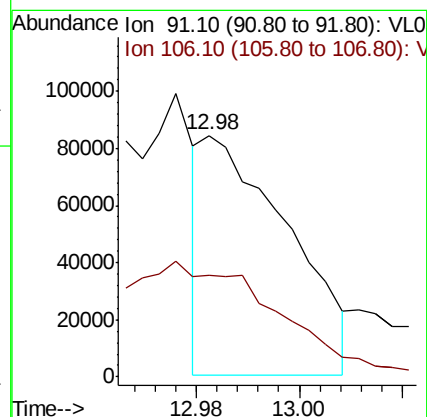
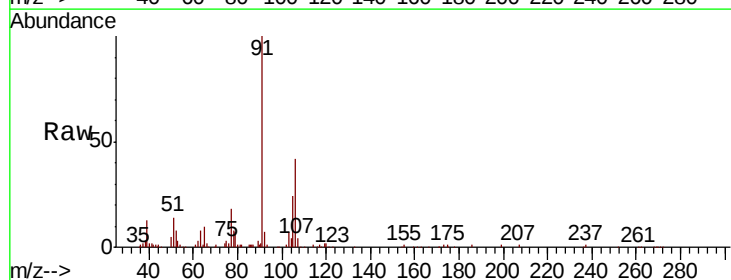
Acq: 25 Feb 2021 20:06

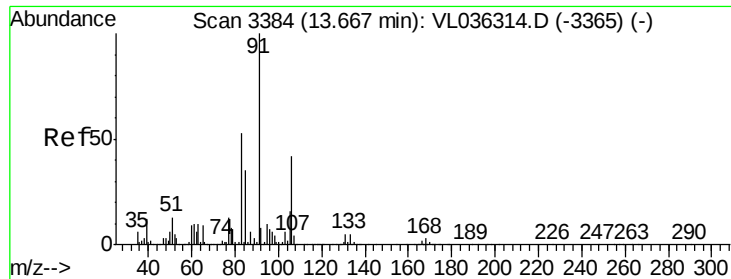
Tgt Ion: 91 Resp: 96311

Ion Ratio Lower Upper

91 100

106 0.0 34.2 51.2#

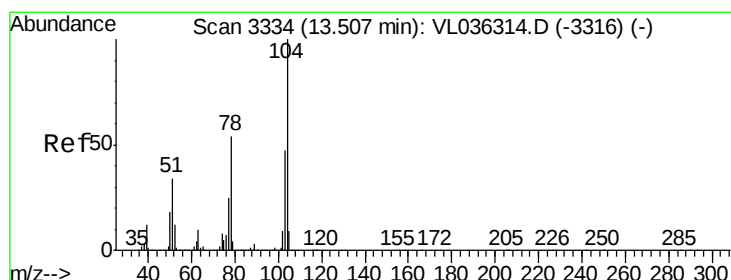
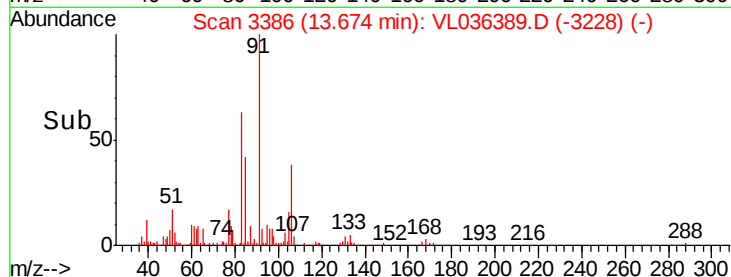
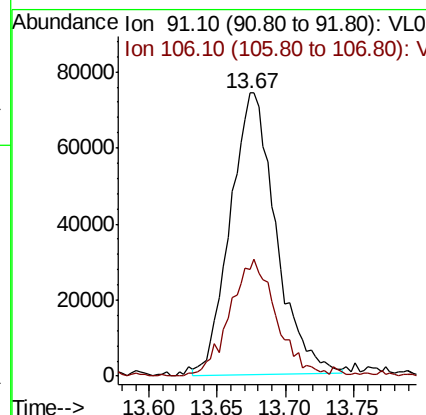
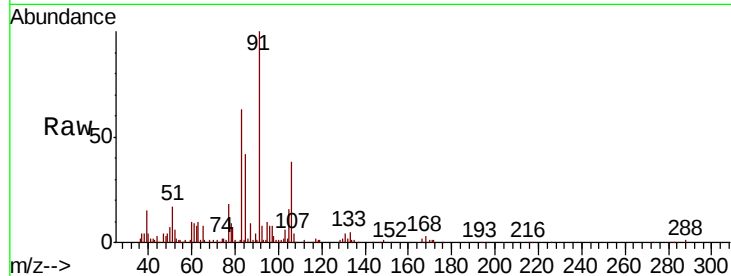




#60
o-Xylene
Concen: 0.490 ppbv
RT: 13.67 min Scan# 3386
Delta R.T. 0.01 min
Lab File: VL036389.D
Acq: 25 Feb 2021 20:06

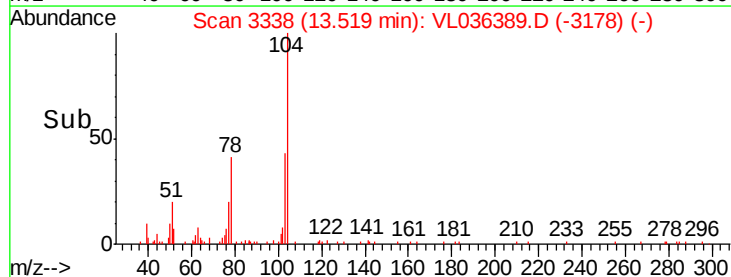
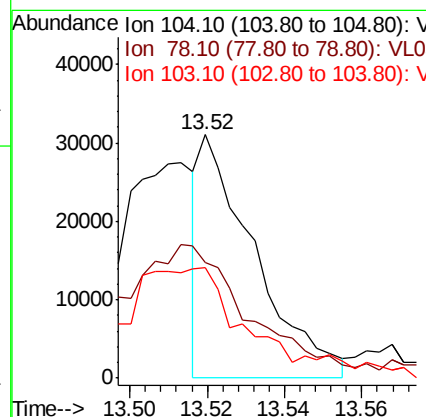
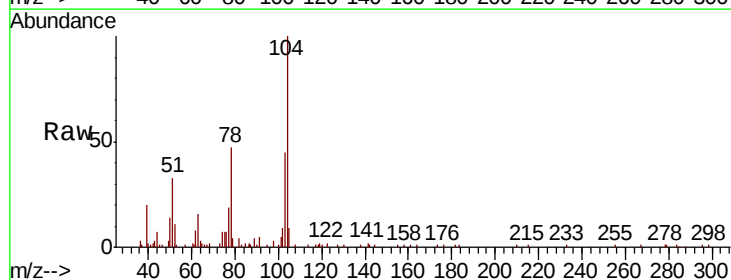
Instrument :
MSVOA_L
ClientSampleId :

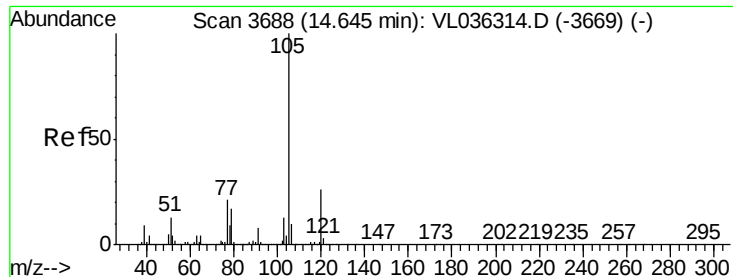
Tot Ion: 91 Resp: 171431
Ion Ratio Lower Upper
91 100
106 43.9 22.0 66.0



#61
Styrene
Concen: 0.140 ppbv
RT: 13.52 min Scan# 3338
Delta R.T. 0.01 min
Lab File: VL036389.D
Acq: 25 Feb 2021 20:06

Tgt Ion:104 Resp: 30334
Ion Ratio Lower Upper
104 100
78 0.0 46.2 69.2#
103 111.4 38.3 57.5#





#62

Isopropylbenzene

Concen: 0.479 ppbv

RT: 14.65 min Scan# 3690

Delta R.T. 0.01 min

Lab File: VL036389.D

Acq: 25 Feb 2021 20:06

Instrument :

MSVOA_L

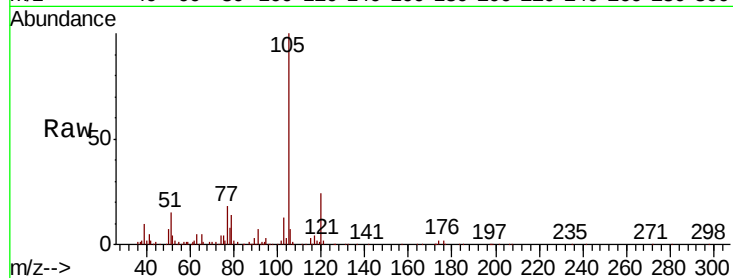
ClientSampleId :

Tot Ion:105 Resp: 250889

Ion Ratio Lower Upper

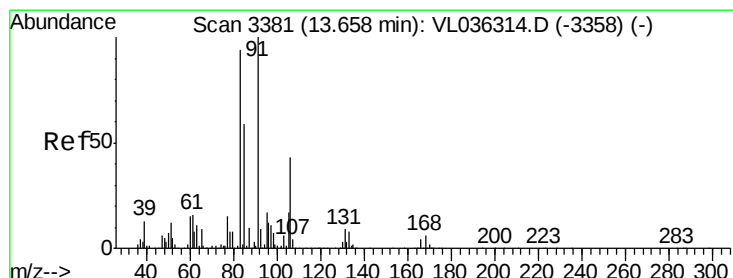
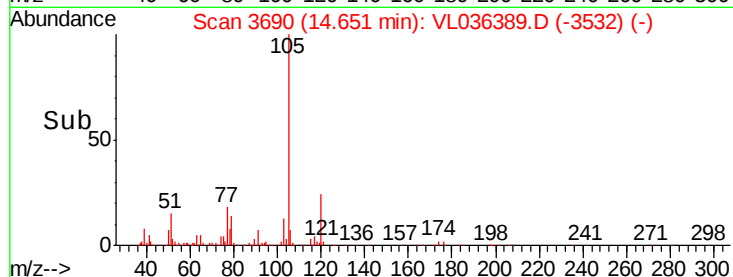
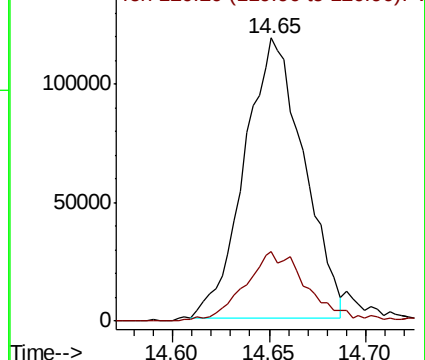
105 100

120 26.7 20.6 30.8



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V



#63

1,1,2,2-Tetrachloroethane

Concen: 0.069 ppbv

RT: 13.67 min Scan# 3384

Delta R.T. 0.01 min

Lab File: VL036389.D

Acq: 25 Feb 2021 20:06

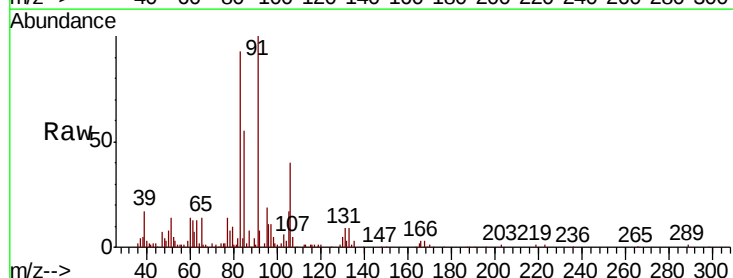
Tgt Ion: 83 Resp: 19028

Ion Ratio Lower Upper

83 100

131 0.0 4.7 14.0#

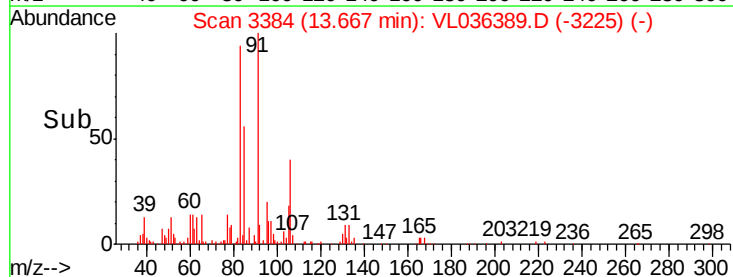
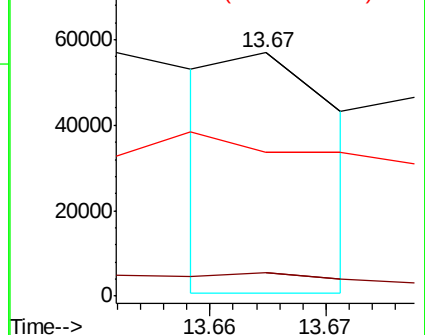
85 585.4 33.0 98.9#

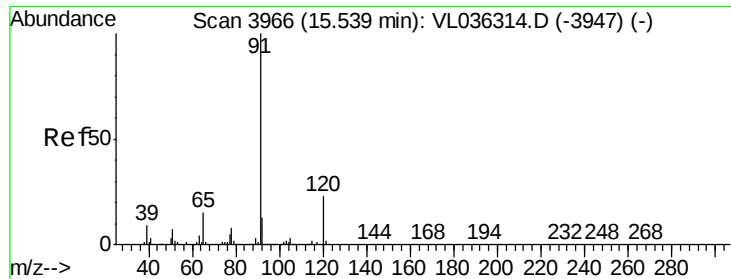


Abundance Ion 83.00 (82.70 to 83.70): VL0

Ion 131.00 (130.70 to 131.70): V

Ion 85.00 (84.70 to 85.70): VL0

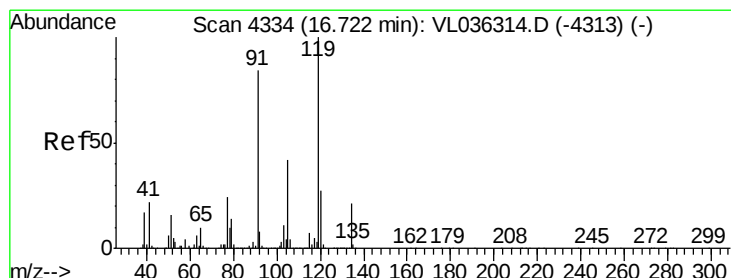
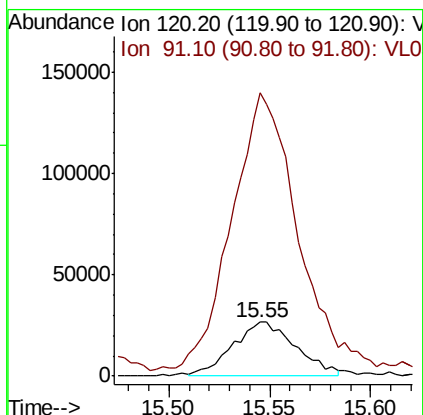
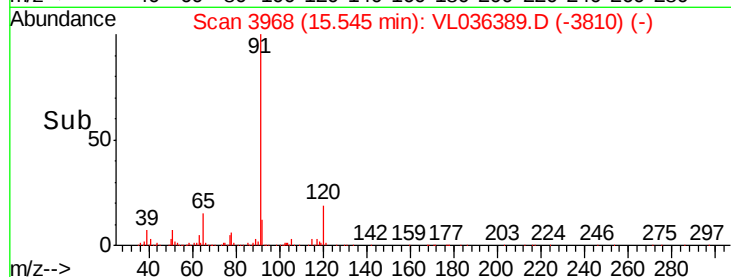
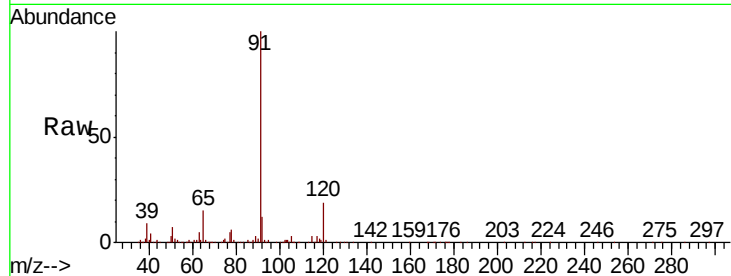




#64
n-propylbenzene
Concen: 0.447 ppbv
RT: 15.55 min Scan# 3968
Delta R.T. 0.01 min
Lab File: VL036389.D
Acq: 25 Feb 2021 20:06

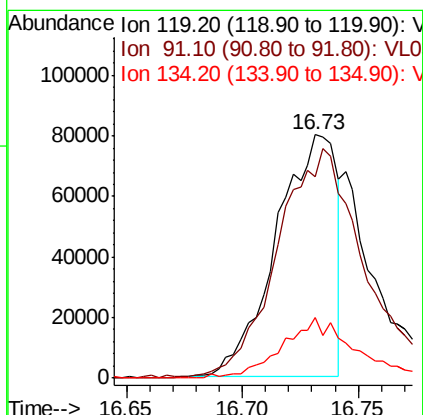
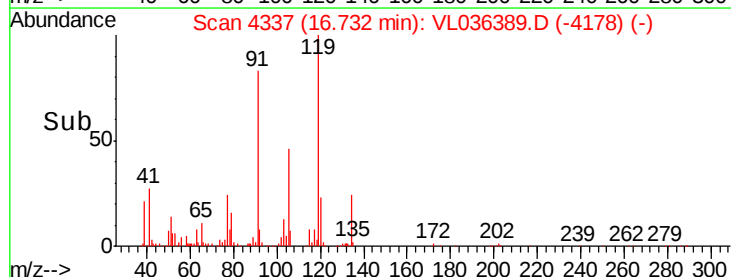
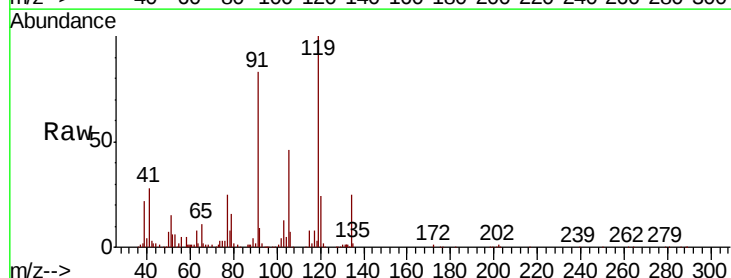
Instrument :
MSVOA_L
ClientSampleId :

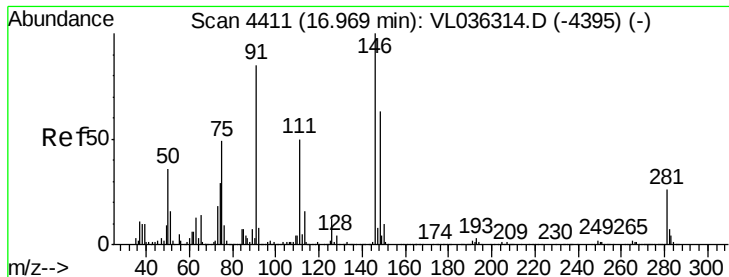
Tot Ion:120 Resp: 57662
Ion Ratio Lower Upper
120 100
91 599.9 387.2 580.8#



#65
tert-Butylbenzene
Concen: 0.322 ppbv
RT: 16.73 min Scan# 4337
Delta R.T. 0.01 min
Lab File: VL036389.D
Acq: 25 Feb 2021 20:06

Tgt Ion:119 Resp: 144363
Ion Ratio Lower Upper
119 100
91 144.8 70.5 105.7#
134 32.5 15.8 23.8#

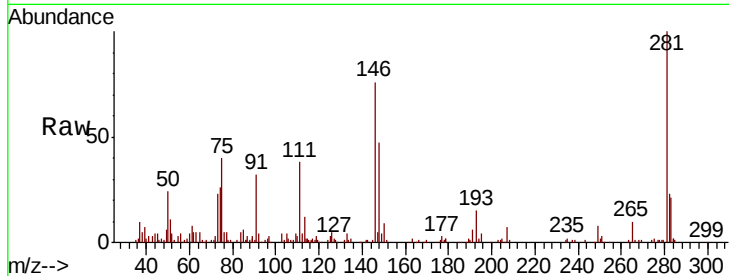




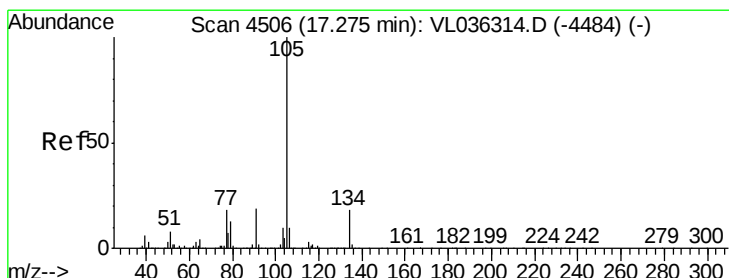
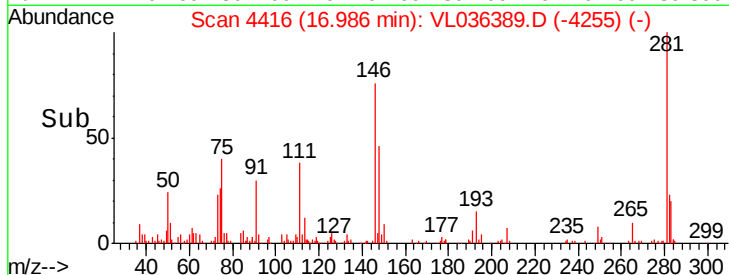
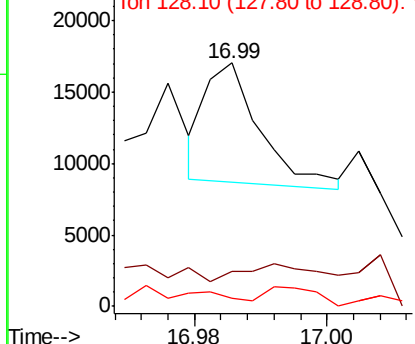
#66
Benzyl Chloride
Concen: 0.039 ppbv
RT: 16.99 min Scan# 4416
Delta R.T. 0.02 min
Lab File: VL036389.D
Acq: 25 Feb 2021 20:06

Instrument :
MSVOA_L
ClientSampled :

Tot Ion: 91 Resp: 4734
Ion Ratio Lower Upper
91 100
126 195.4 12.9 19.3#
128 54.3 4.2 6.2#

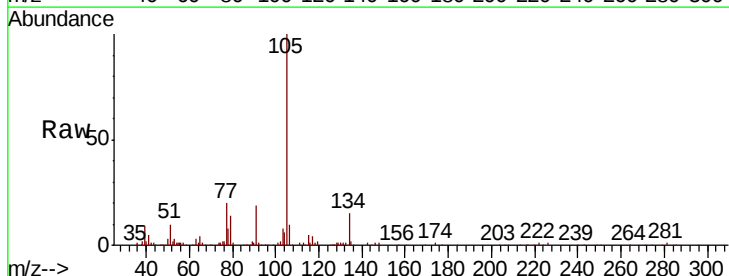


Abundance Ion 91.10 (90.80 to 91.80): VL0
Ion 126.10 (125.80 to 126.80): V
Ion 128.10 (127.80 to 128.80): V

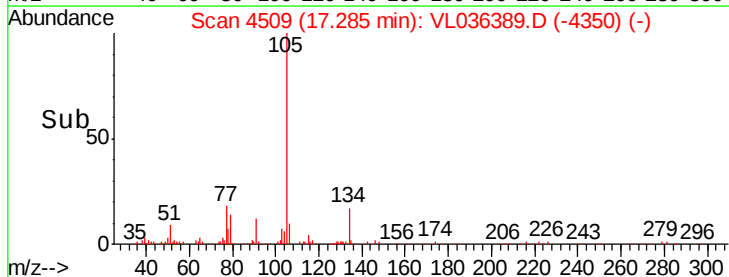
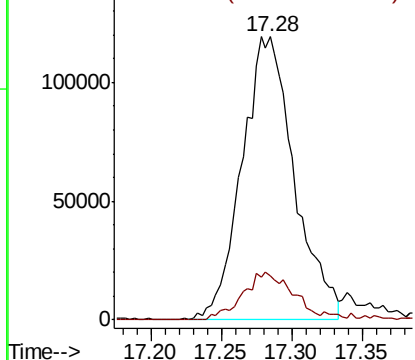


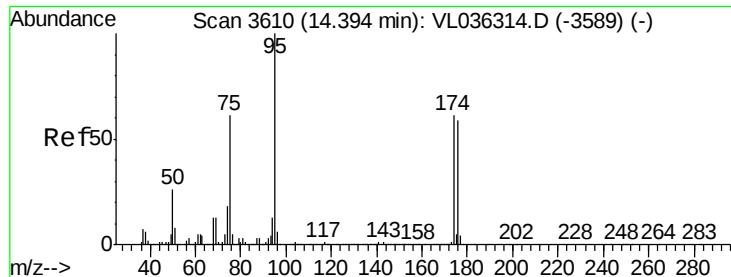
#67
sec-Butylbenzene
Concen: 0.476 ppbv
RT: 17.28 min Scan# 4509
Delta R.T. 0.01 min
Lab File: VL036389.D
Acq: 25 Feb 2021 20:06

Tgt Ion: 105 Resp: 307948
Ion Ratio Lower Upper
105 100
134 17.1 14.2 21.4



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

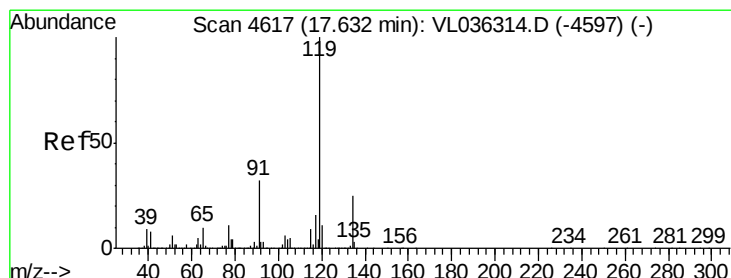
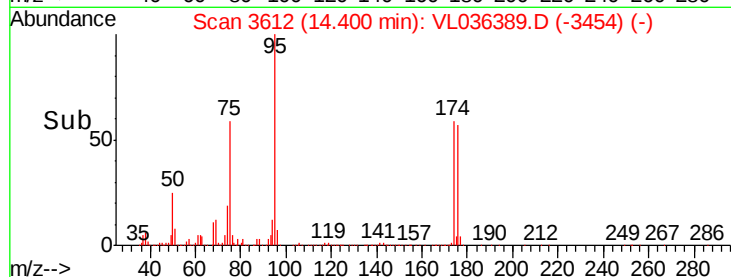
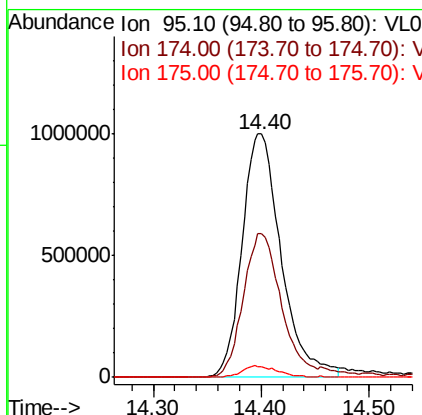
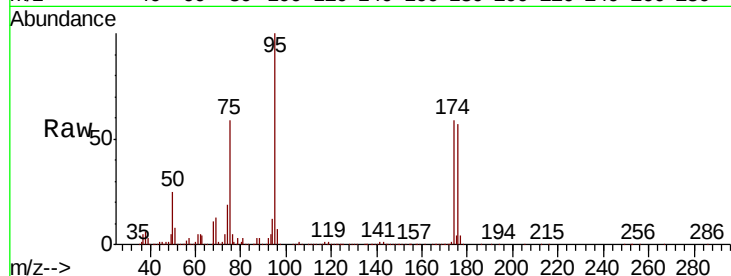




#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.083 ppbv
 RT: 14.40 min Scan# 3612
 Delta R.T. 0.01 min
 Lab File: VL036389.D
 Acq: 25 Feb 2021 20:06

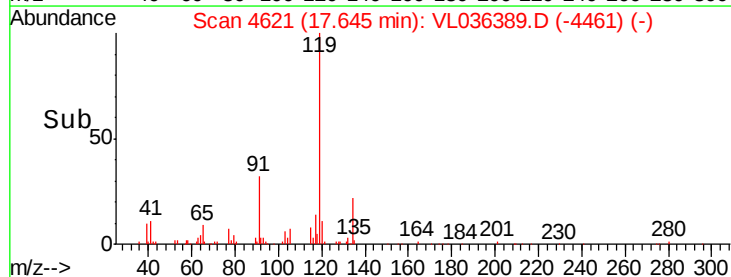
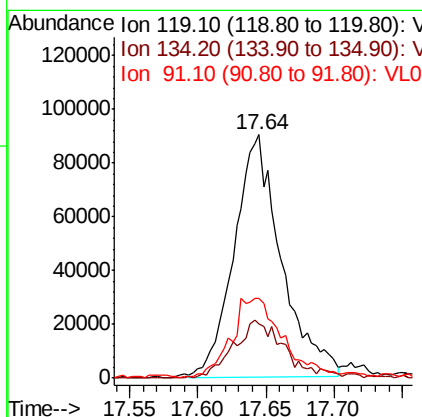
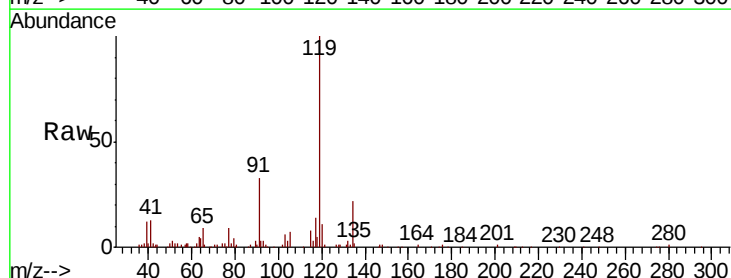
Instrument :
 MSVOA_L
 ClientSampleId :

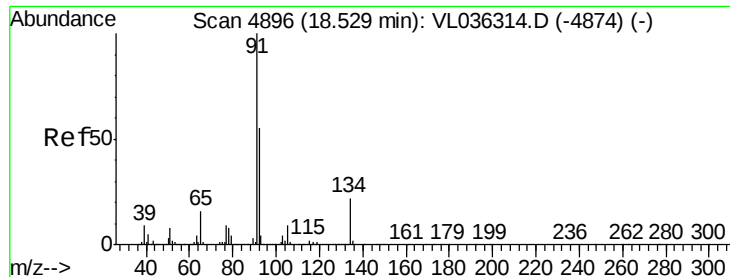
Tot Ion: 95 Resp: 2522803
 Ion Ratio Lower Upper
 95 100
 174 62.3 49.8 74.6
 175 4.7 3.7 5.5



#69
 p-Isopropyltoluene
 Concen: 0.437 ppbv
 RT: 17.64 min Scan# 4621
 Delta R.T. 0.01 min
 Lab File: VL036389.D
 Acq: 25 Feb 2021 20:06

Tgt Ion: 119 Resp: 218592
 Ion Ratio Lower Upper
 119 100
 134 25.6 20.1 30.1
 91 36.7 25.8 38.6

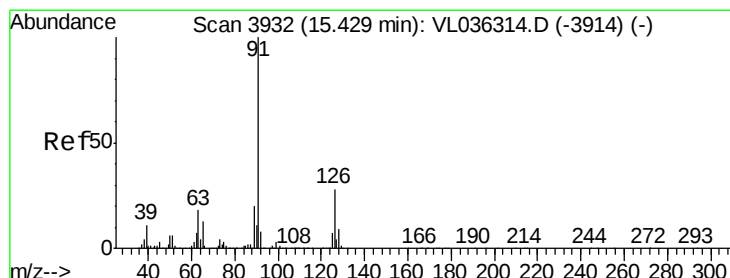
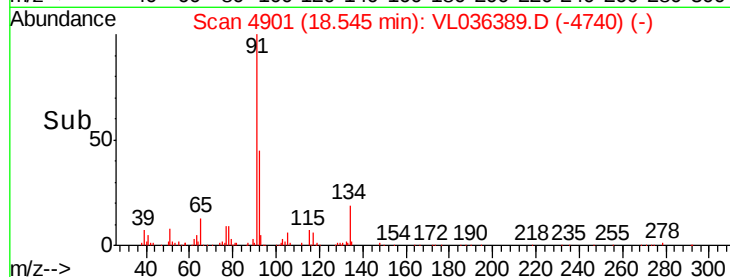
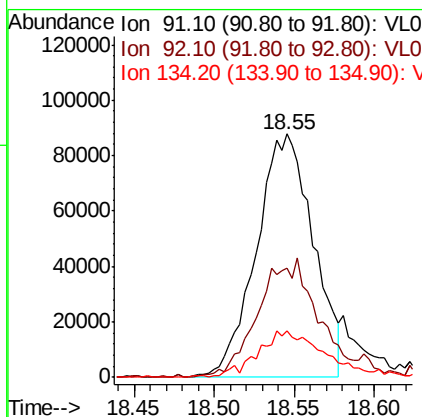
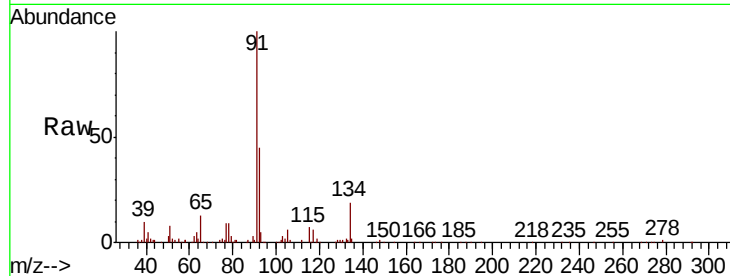




#70
n-Butylbenzene
Concen: 0.403 ppbv
RT: 18.55 min Scan# 4901
Delta R.T. 0.02 min
Lab File: VL036389.D
Acq: 25 Feb 2021 20:06

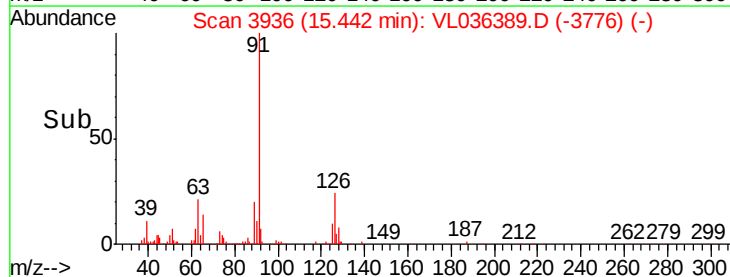
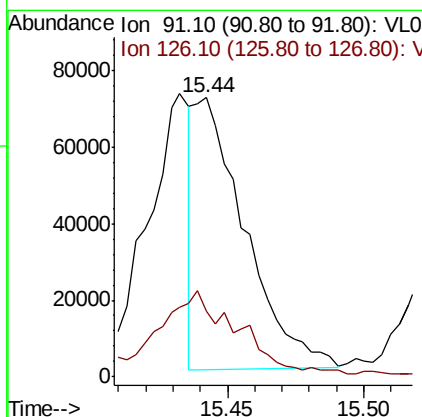
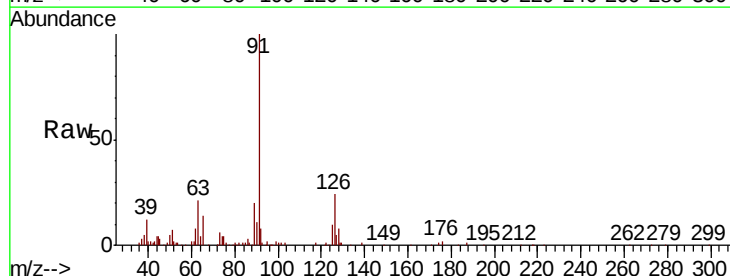
Instrument :
MSVOA_L
ClientSampled :

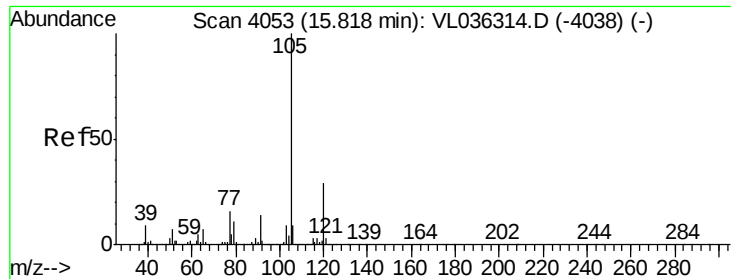
Tot Ion: 91 Resp: 215849
Ion Ratio Lower Upper
91 100
92 55.6 43.7 65.5
134 23.4 17.4 26.0



#71
2-Chlorotoluene
Concen: 0.225 ppbv
RT: 15.44 min Scan# 3936
Delta R.T. 0.01 min
Lab File: VL036389.D
Acq: 25 Feb 2021 20:06

Tgt Ion: 91 Resp: 90615
Ion Ratio Lower Upper
91 100
126 55.0 11.5 46.1#





#72

4-Ethyltoluene

Concen: 0.172 ppbv

RT: 15.83 min Scan# 4057

Delta R.T. 0.01 min

Lab File: VL036389.D

Acq: 25 Feb 2021 20:06

Instrument :

MSVOA_L

ClientSampleId :

Tot Ion:105 Resp: 66983

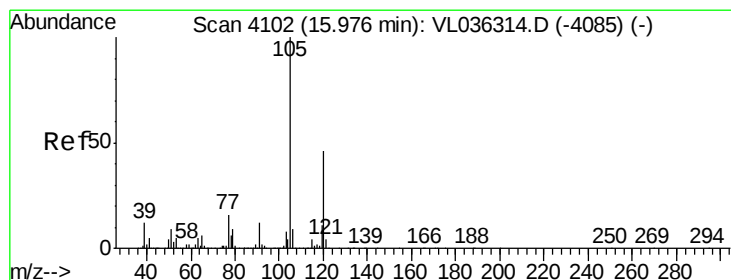
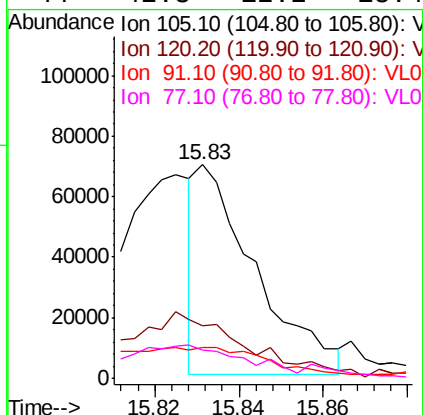
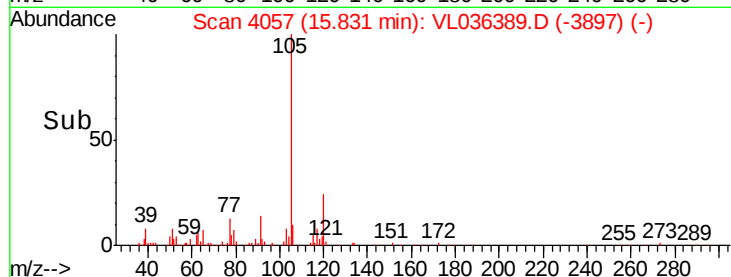
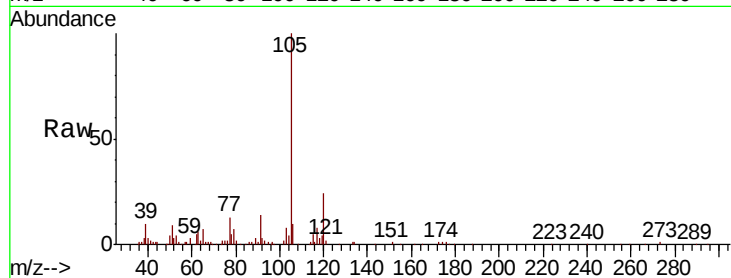
Ion Ratio Lower Upper

105 100

120 0.0 23.2 34.8#

91 44.1 11.0 16.4#

77 42.3 12.2 18.4#



#73

1,3,5-Trimethylbenzene

Concen: 0.409 ppbv

RT: 15.98 min Scan# 4104

Delta R.T. 0.01 min

Lab File: VL036389.D

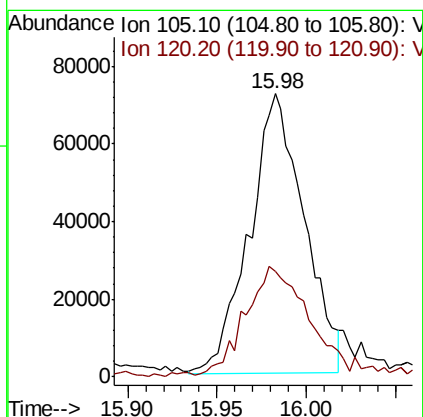
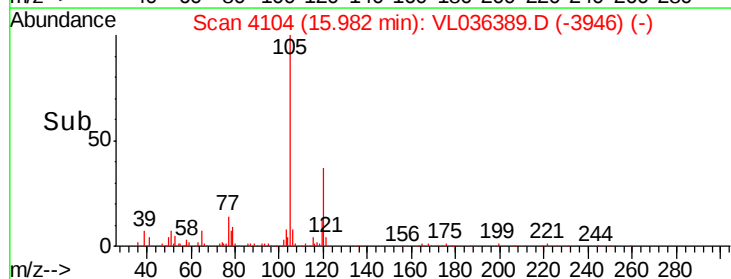
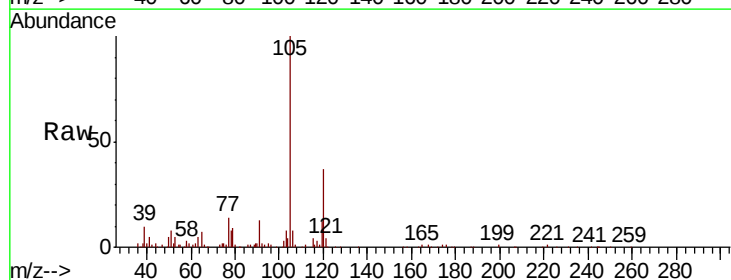
Acq: 25 Feb 2021 20:06

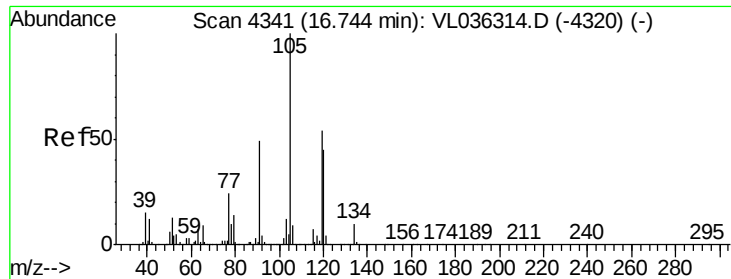
Tgt Ion:105 Resp: 154197

Ion Ratio Lower Upper

105 100

120 36.1 36.9 55.3#

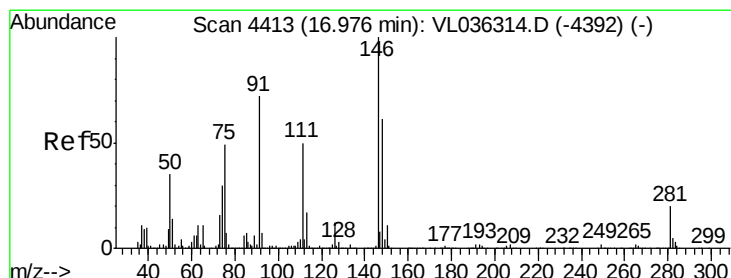
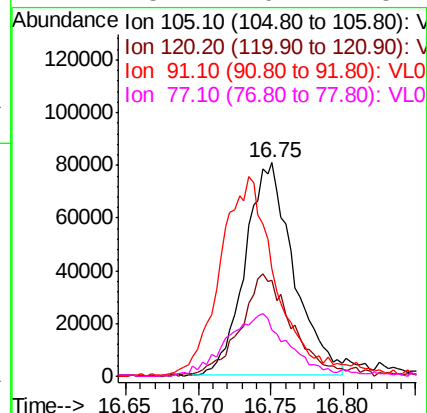
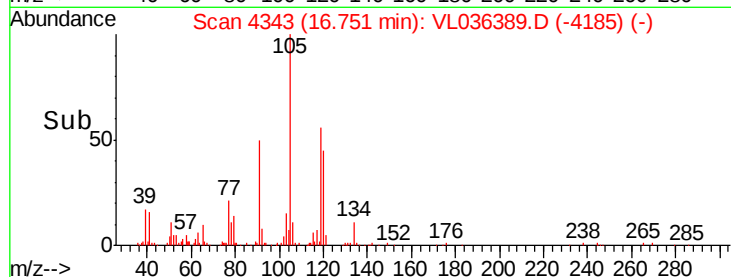
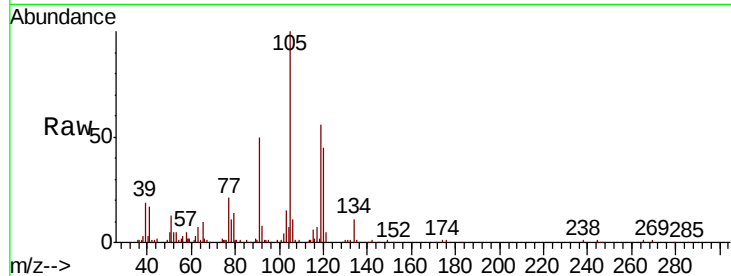




#74
 1,2,4-Trimethylbenzene
 Concen: 0.487 ppbv
 RT: 16.75 min Scan# 4343
 Delta R.T. 0.01 min
 Lab File: VL036389.D
 Acq: 25 Feb 2021 20:06

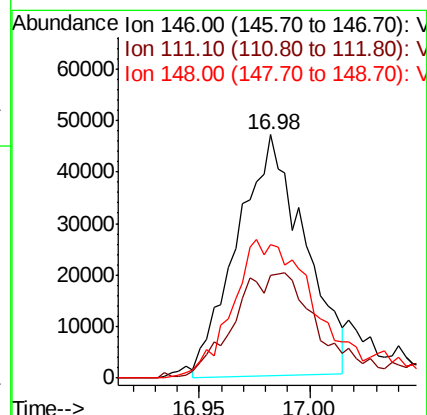
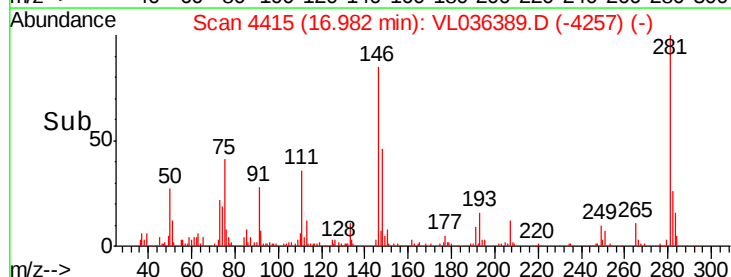
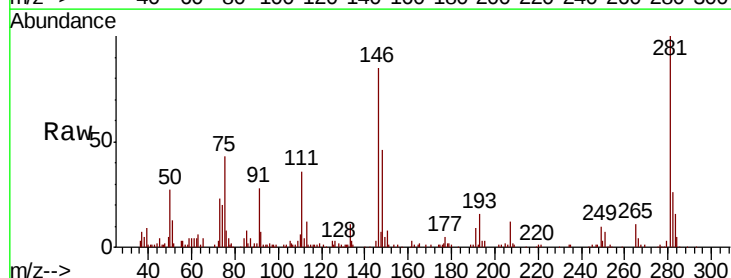
Instrument :
 MSVOA_L
 ClientSampleId :

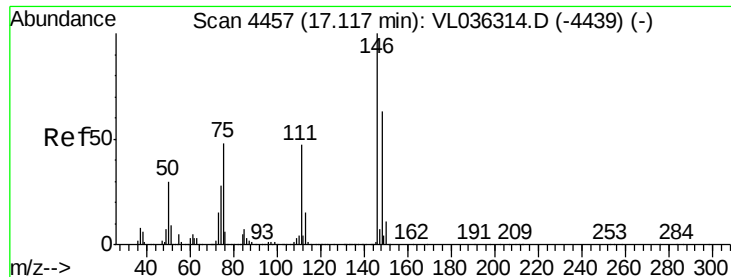
Tot Ion:	105	Resp:	187455
Ion	Ratio	Lower	Upper
105	100		
120	44.0	35.8	53.6
91	45.2	39.8	59.6
77	18.4	19.1	28.7#



#75
 1,3-Dichlorobenzene
 Concen: 0.473 ppbv
 RT: 16.98 min Scan# 4415
 Delta R.T. 0.01 min
 Lab File: VL036389.D
 Acq: 25 Feb 2021 20:06

Tgt Ion:	146	Resp:	98857
Ion	Ratio	Lower	Upper
146	100		
111	58.9	24.9	74.6
148	76.1	31.9	95.9

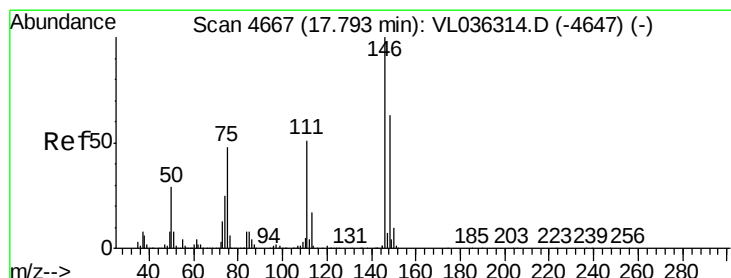
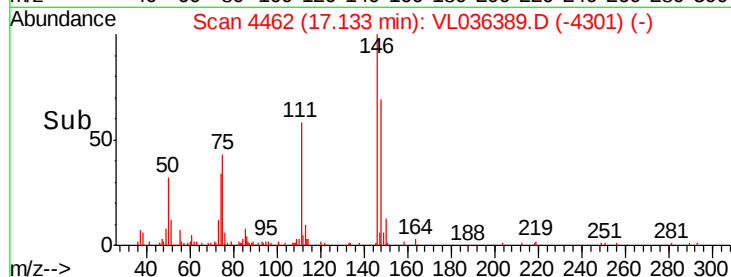
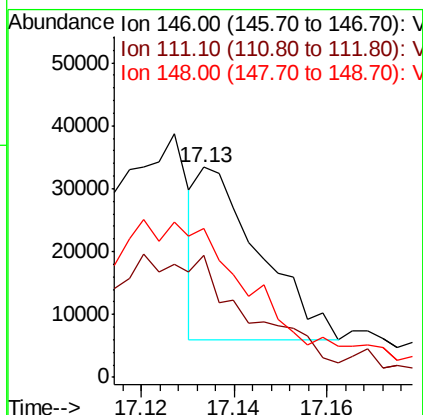
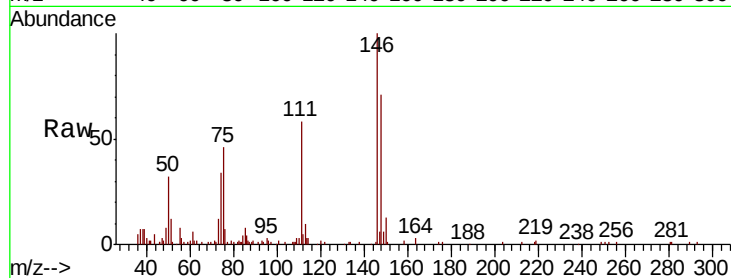




#76
 1,4-Dichlorobenzene
 Concen: 0.117 ppbv
 RT: 17.13 min Scan# 4462
 Delta R.T. 0.02 min
 Lab File: VL036389.D
 Acq: 25 Feb 2021 20:06

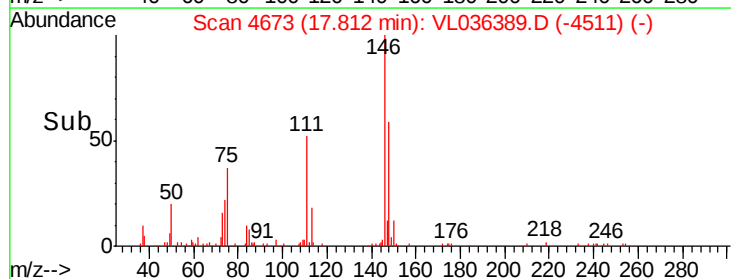
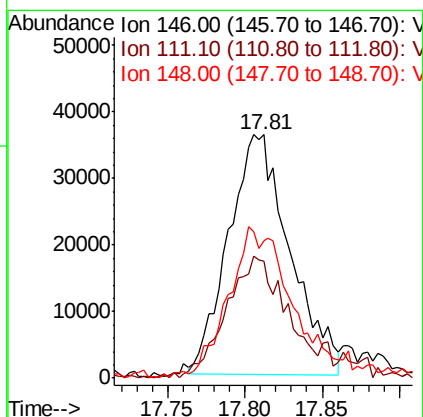
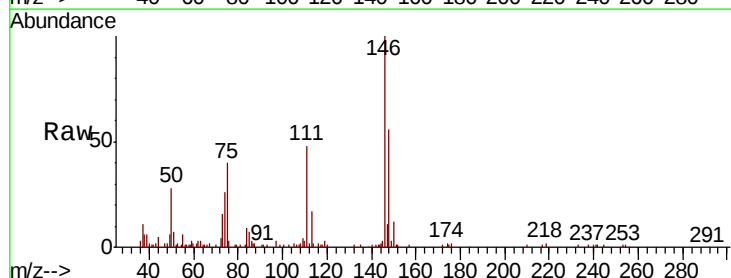
Instrument :
 MSVOA_L
 ClientSampleId :

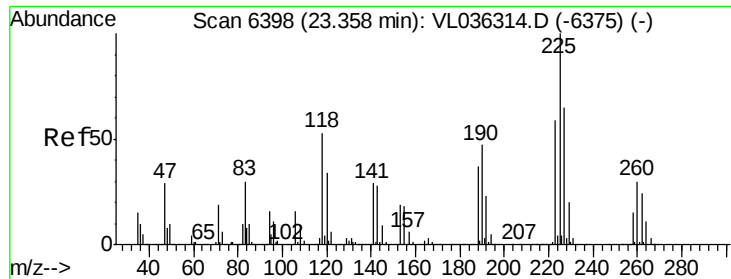
Tot Ion:146 Resp: 25295
 Ion Ratio Lower Upper
 146 100
 111 0.0 23.6 71.0#
 148 0.0 31.6 95.0#



#77
 1,2-Dichlorobenzene
 Concen: 0.481 ppbv
 RT: 17.81 min Scan# 4673
 Delta R.T. 0.02 min
 Lab File: VL036389.D
 Acq: 25 Feb 2021 20:06

Tgt Ion:146 Resp: 99684
 Ion Ratio Lower Upper
 146 100
 111 52.1 25.9 77.8
 148 69.2 32.5 97.4

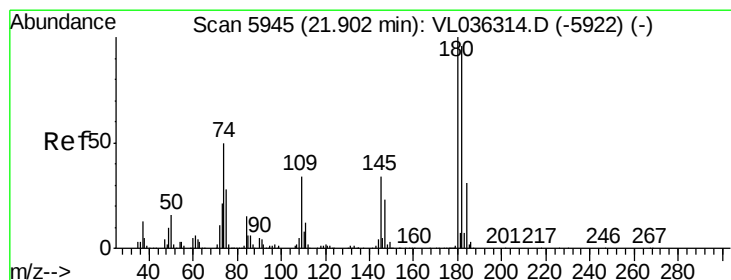
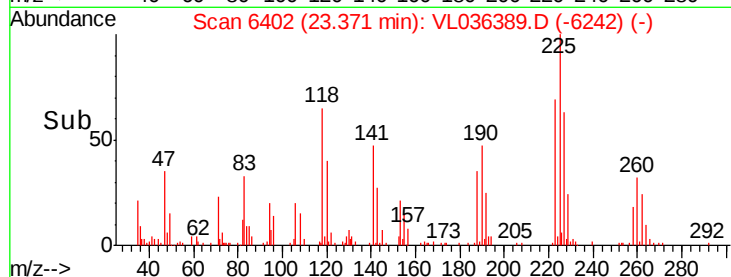
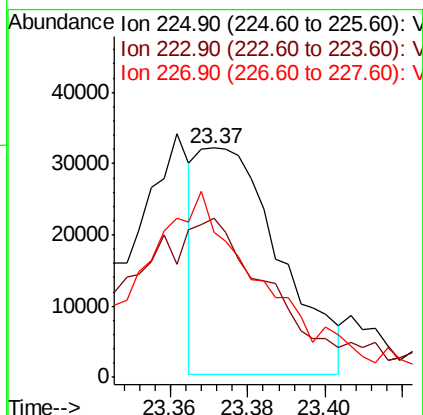
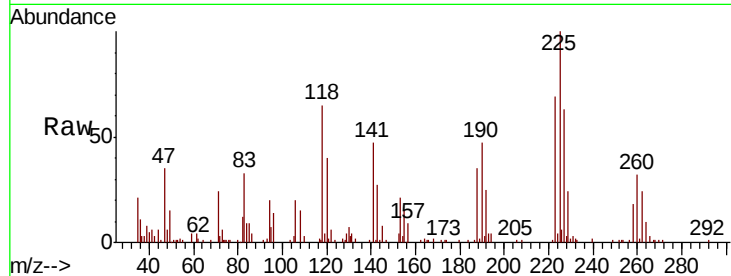




#78
Hexachloro-1,3-Butadiene
Concen: 0.276 ppbv
RT: 23.37 min Scan# 6402
Delta R.T. 0.01 min
Lab File: VL036389.D
Acq: 25 Feb 2021 20:06

Instrument :
MSVOA_L
ClientSampled :

Tot Ion:225 Resp: 46779
Ion Ratio Lower Upper
225 100
223 138.2 50.8 76.2#
227 139.1 52.2 78.2#



#81
1,2,4-Trichlorobenzene
Concen: 0.048 ppbv
RT: 21.92 min Scan# 5952
Delta R.T. 0.02 min
Lab File: VL036389.D
Acq: 25 Feb 2021 20:06

Tgt Ion:180 Resp: 6730
Ion Ratio Lower Upper
180 100
182 643.9 80.2 120.4#
184 209.6 25.0 37.6#

