

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL022521\
 Data File : VL036390.D
 Acq On : 25 Feb 2021 20:43
 Operator : SY/AP
 Sample : M1458-13 0.4 LOD
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Feb 26 00:38:48 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	1513930	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.16	114	3270101	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.07	117	3045799	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.40	95	2523460	10.07	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.70%

Target Compounds

	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.04	85	130968	0.580	ppbv	96
3) Chlorodifluoromethane	2.97	51	96890	0.515	ppbv	99
4) Chloromethane	3.12	50	33916	0.373	ppbv #	82
5) Vinyl Chloride	3.24	62	38182	0.451	ppbv #	86
6) Bromomethane	3.46	94	21968	0.437	ppbv	94
7) Chloroethane	3.54	64	12632	0.420	ppbv	98
8) Dichlorotetrafluoroethane	3.17	85	102830	0.500	ppbv	93
9) Propene	3.00	41	17413	0.248	ppbv #	2
10) Heptane	8.10	43	46820	0.227	ppbv #	46
11) Trichlorofluoromethane	3.93	101	111455	0.504	ppbv	94
12) 1,1,2-Trichlorotrifluoroet	4.47	101	66614	0.486	ppbv	98
13) Ethanol	3.60	45	2521	0.191	ppbv #	1
14) Bromoethene	3.73	108	24209	0.422	ppbv #	93
15) Acetone	3.85	43	102288	0.553	ppbv #	88
16) 1,3-Butadiene	3.31	39	16859	0.191	ppbv #	9
17) tert-Butyl alcohol	4.29	59	32459	0.226	ppbv #	70
18) 1,1-Dichloroethene	4.27	96	13866	0.223	ppbv #	68
19) Isopropyl Alcohol	3.96	45	16300	0.159	ppbv #	93
20) Methylene Chloride	4.33	84	31901	0.534	ppbv #	85
21) Allyl Chloride	4.39	41	40393	0.392	ppbv	92
22) trans-1,2-Dichloroethene	4.87	96	23915	0.423	ppbv #	81
23) Vinyl Acetate	5.06	43	38081	0.175	ppbv #	88
24) 1,1-Dichloroethane	4.99	63	39376	0.245	ppbv	98
25) Ethyl Acetate	5.67	43	142881	0.400	ppbv #	93
26) Hexane	5.67	57	58684	0.400	ppbv #	79
27) Carbon Disulfide	4.53	76	16825	0.125	ppbv #	59
28) Methyl tert-Butyl Ether	5.03	73	40848	0.213	ppbv #	66
29) Chloroform	5.73	83	114434	0.484	ppbv	98
30) Cyclohexane	7.11	84	26300	0.215	ppbv #	64
31) cis-1,2-Dichloroethene	5.53	61	55904	0.385	ppbv #	90
32) 1,1,1-Trichloroethane	6.49	97	103732	0.469	ppbv	96
34) 2-Butanone	5.24	43	71426	0.329	ppbv #	83
35) Carbon Tetrachloride	7.00	117	99282	0.453	ppbv #	94
36) Benzene	6.87	78	48968	0.176	ppbv	93
37) 1,2-Dichloroethane	6.29	62	79253	0.461	ppbv #	94
38) Trichloroethene	7.81	130	16132	0.162	ppbv	92
39) 1,2-Dichloropropane	7.59	63	18680	0.166	ppbv	86
42) Bromodichloromethane	7.77	83	98204	0.427	ppbv #	94
43) Methyl Methacrylate	8.00	69	35617	0.304	ppbv #	75
44) 2,2,4-Trimethylpentane	7.85	57	219684	0.435	ppbv	90
45) t-1,3-Dichloropropene	9.26	75	6939	0.061	ppbv	92

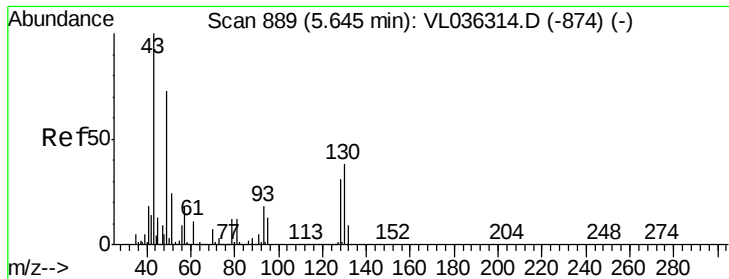
Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL022521\
 Data File : VL036390.D
 Acq On : 25 Feb 2021 20:43
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Quant Time: Feb 26 00:38:48 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL021021AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: 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)
46) cis-1,3-Dichloropropene	8.69	75	39157	0.273	ppbv	# 84
47) 1,1,2-Trichloroethane	9.46	97	29959	0.259	ppbv	89
48) Dibromochloromethane	10.29	129	66713	0.387	ppbv	95
49) Bromoform	13.02	173	36216	0.260	ppbv	# 68
50) 4-Methyl-2-Pentanone	8.74	43	110192	0.342	ppbv	97
51) 2-Hexanone	10.13	43	25581	0.104	ppbv	# 29
52) Tetrachloroethene	11.19	164	12216	0.120	ppbv	# 65
53) Toluene	9.79	91	103695	0.345	ppbv	95
54) 1,2-Dibromoethane	10.59	107	41311	0.248	ppbv	87
56) 1,1,1,2-Tetrachloroethane	12.11	131	65916	0.471	ppbv	# 1
57) Chlorobenzene	12.13	112	117180	0.498	ppbv	# 85
58) Ethyl Benzene	12.70	91	74326	0.178	ppbv	99
59) m/p-Xylene	12.98	91	68933	0.188	ppbv	# 1
60) o-Xylene	13.67	91	144135	0.412	ppbv	97
61) Styrene	13.52	104	27048	0.125	ppbv	# 1
62) Isopropylbenzene	14.65	105	162453	0.309	ppbv	# 84
63) 1,1,2,2-Tetrachloroethane	13.66	83	121948	0.441	ppbv	87
64) n-propylbenzene	15.55	120	24394	0.189	ppbv	# 1
65) tert-Butylbenzene	16.73	119	165316	0.368	ppbv	84
66) Benzyl Chloride	16.98	91	21544	0.176	ppbv	# 70
67) sec-Butylbenzene	17.28	105	238673	0.368	ppbv	95
69) p-Isopropyltoluene	17.64	119	125612	0.251	ppbv	# 66
70) n-Butylbenzene	18.54	91	164317	0.306	ppbv	95
71) 2-Chlorotoluene	15.44	91	154876	0.385	ppbv	95
72) 4-Ethyltoluene	15.83	105	141443	0.363	ppbv	96
73) 1,3,5-Trimethylbenzene	15.99	105	128195	0.339	ppbv	94
74) 1,2,4-Trimethylbenzene	16.74	105	146200	0.379	ppbv	# 83
75) 1,3-Dichlorobenzene	16.98	146	66269	0.316	ppbv	# 58
76) 1,4-Dichlorobenzene	17.13	146	42050	0.193	ppbv	# 10
77) 1,2-Dichlorobenzene	17.81	146	40886	0.197	ppbv	# 1
78) Hexachloro-1,3-Butadiene	23.37	225	15407	0.091	ppbv	# 1
79) Naphthalene	22.18	128	14827	0.065	ppbv	# 92
80) Naphthalene,2-methyl-	25.08	142	1808	0.043	ppbv	98
81) 1,2,4-Trichlorobenzene	21.91	180	13197	0.095	ppbv	# 10

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

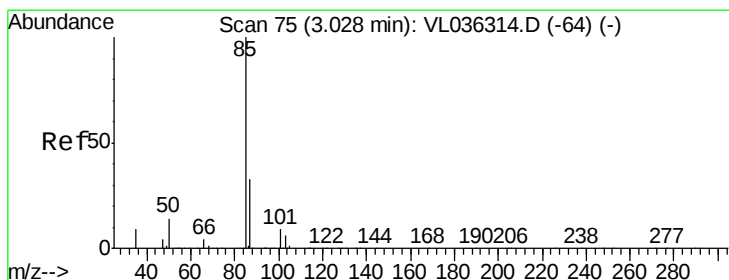
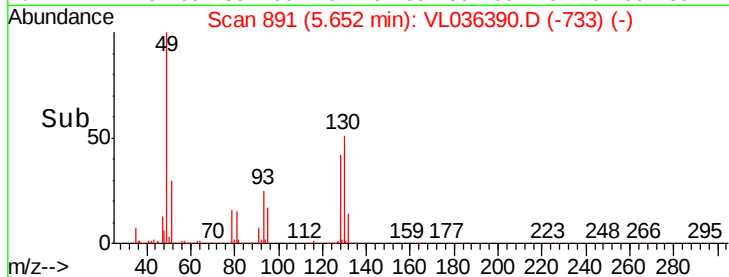
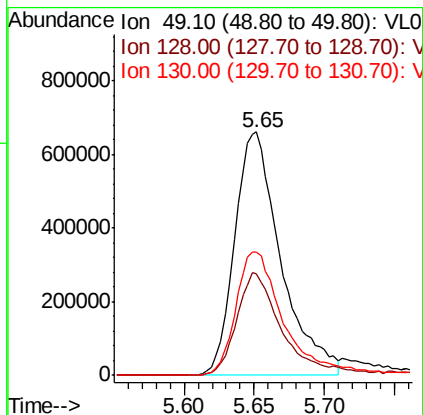
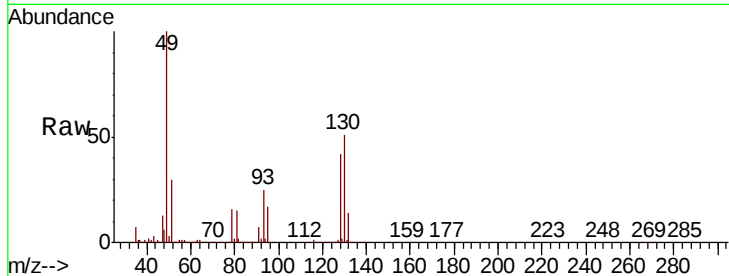


#1

Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.65 min Scan# 891
 Delta R.T. 0.01 min
 Lab File: VL036390.D
 Acq: 25 Feb 2021 20:43

Instrument :
 MSVOA_L
 ClientSampled :

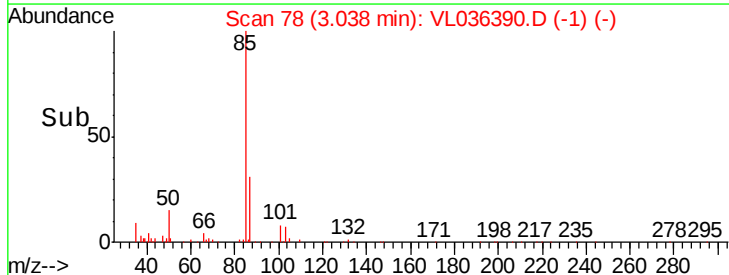
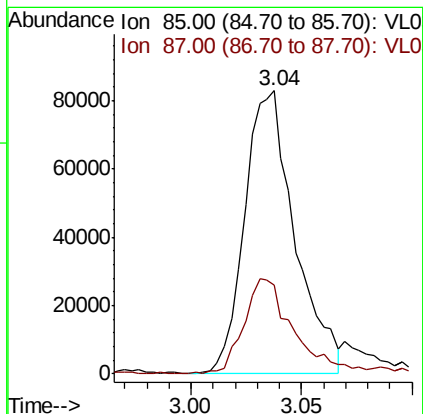
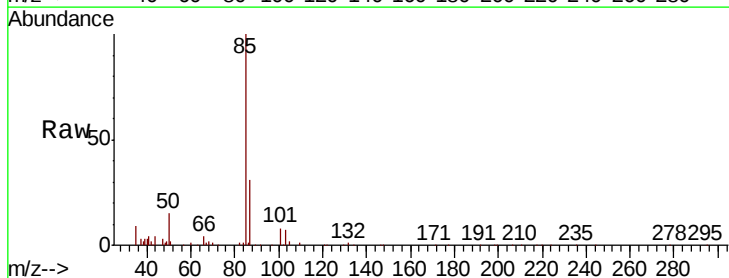
Tot Ion: 49 Resp: 1513930
 Ion Ratio Lower Upper
 49 100
 128 43.2 20.8 62.5
 130 54.2 26.7 80.1

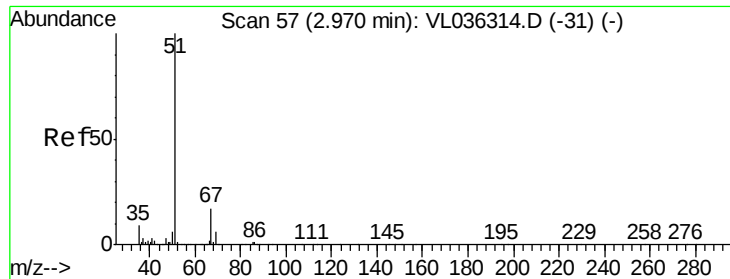


#2

Dichlorodifluoromethane
 Concen: 0.580 ppbv
 RT: 3.04 min Scan# 78
 Delta R.T. 0.01 min
 Lab File: VL036390.D
 Acq: 25 Feb 2021 20:43

Tgt Ion: 85 Resp: 130968
 Ion Ratio Lower Upper
 85 100
 87 31.1 26.5 39.7

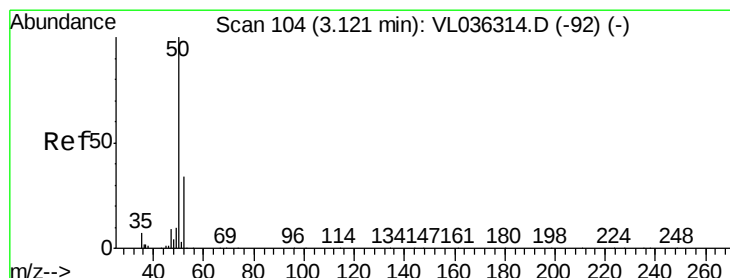
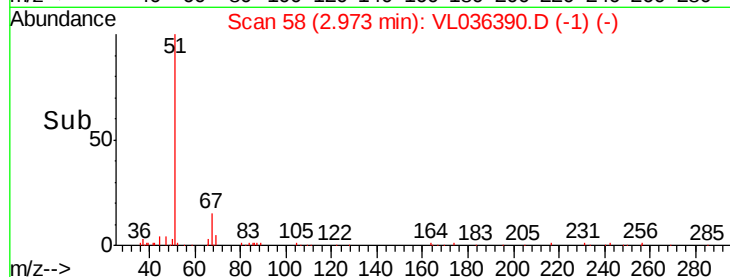
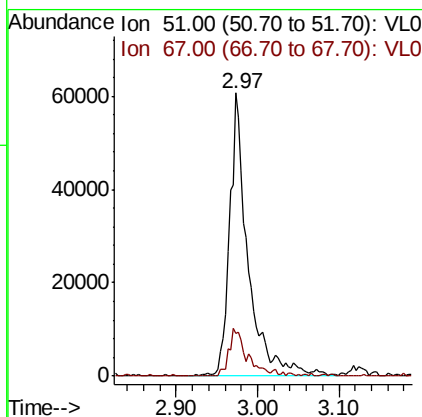
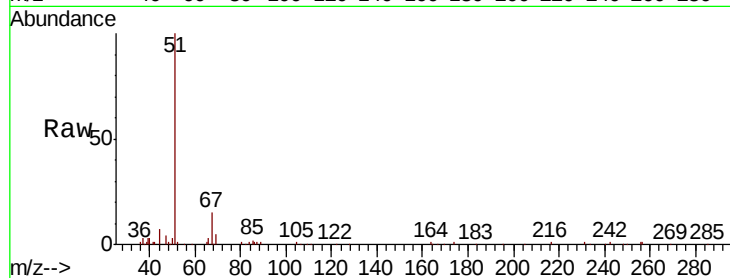




#3
Chlorodifluoromethane
Concen: 0.515 ppbv
RT: 2.97 min Scan# 58
Delta R.T. 0.00 min
Lab File: VL036390.D
Acq: 25 Feb 2021 20:43

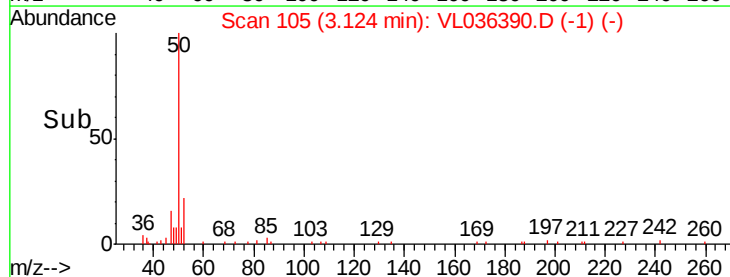
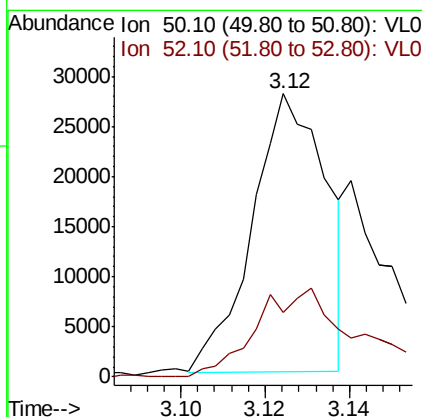
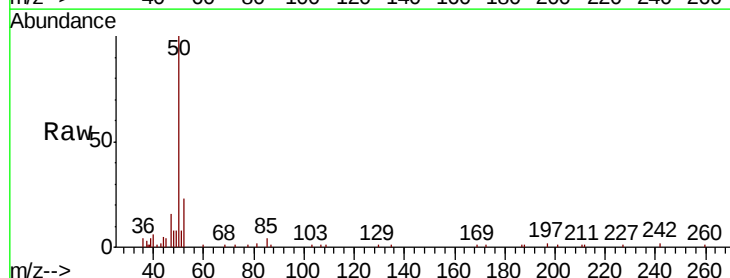
Instrument :
MSVOA_L
ClientSampleId :

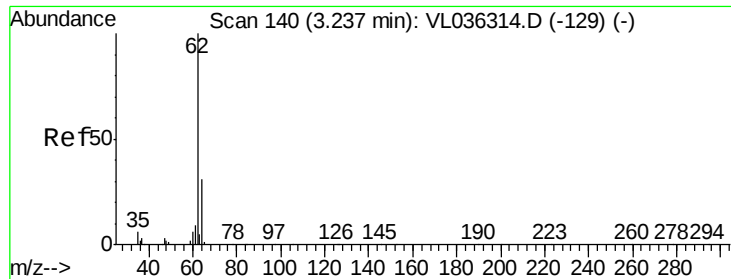
Tot Ion: 51 Resp: 96890
Ion Ratio Lower Upper
51 100
67 17.8 14.7 22.1



#4
Chloromethane
Concen: 0.373 ppbv
RT: 3.12 min Scan# 105
Delta R.T. 0.00 min
Lab File: VL036390.D
Acq: 25 Feb 2021 20:43

Tgt Ion: 50 Resp: 33916
Ion Ratio Lower Upper
50 100
52 23.2 27.0 40.4#





#5

Vinyl Chloride

Concen: 0.451 ppbv

RT: 3.24 min Scan# 141

Delta R.T. 0.00 min

Lab File: VL036390.D

Acq: 25 Feb 2021 20:43

Instrument :

MSVOA_L

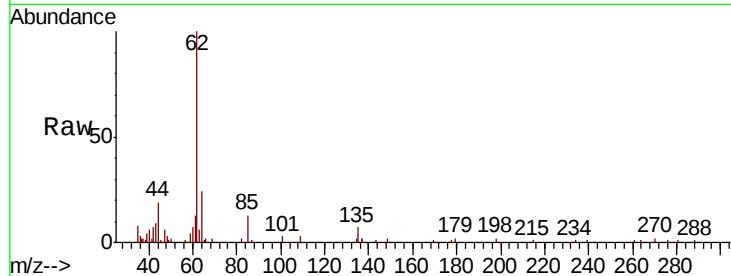
ClientSampleId :

Tot Ion: 62 Resp: 38182

Ion Ratio Lower Upper

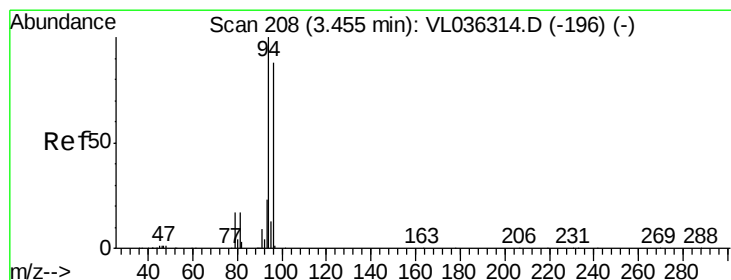
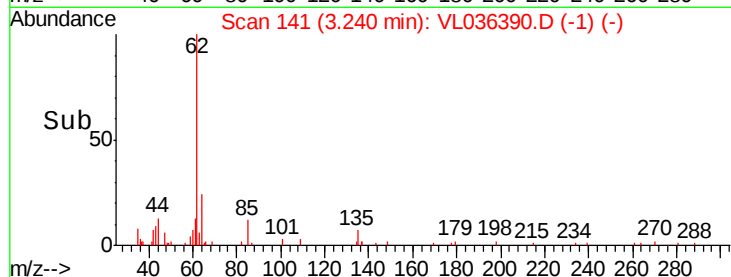
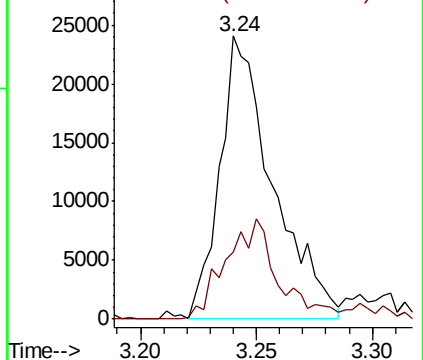
62 100

64 23.1 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: 0.437 ppbv

RT: 3.46 min Scan# 210

Delta R.T. 0.01 min

Lab File: VL036390.D

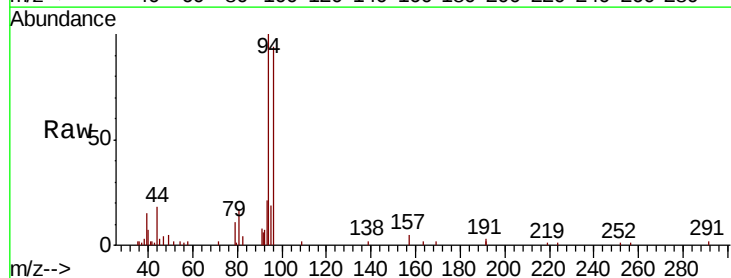
Acq: 25 Feb 2021 20:43

Tgt Ion: 94 Resp: 21968

Ion Ratio Lower Upper

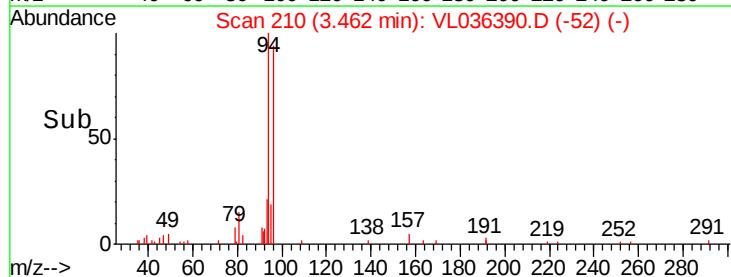
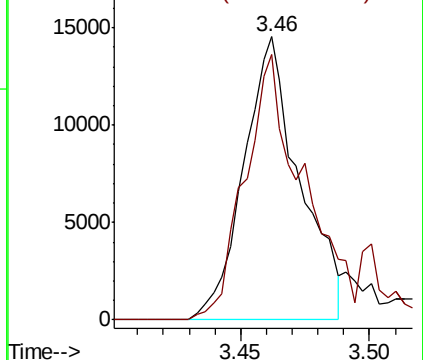
94 100

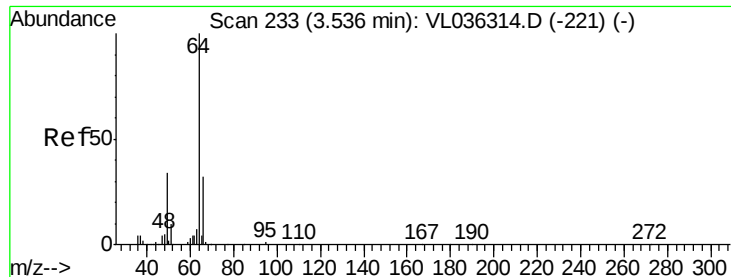
96 93.7 70.8 106.2



Abundance Ion 94.00 (93.70 to 94.70): VL0

Ion 96.00 (95.70 to 96.70): VL0





#7

Chloroethane

Concen: 0.420 ppbv

RT: 3.54 min Scan# 235

Delta R.T. 0.01 min

Lab File: VL036390.D

Acq: 25 Feb 2021 20:43

Instrument :

MSVOA_L

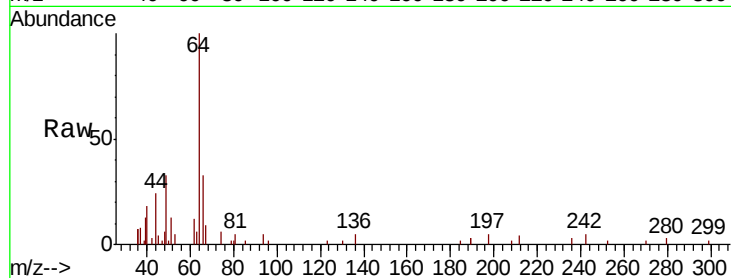
ClientSampleId :

Tot Ion: 64 Resp: 12632

Ion Ratio Lower Upper

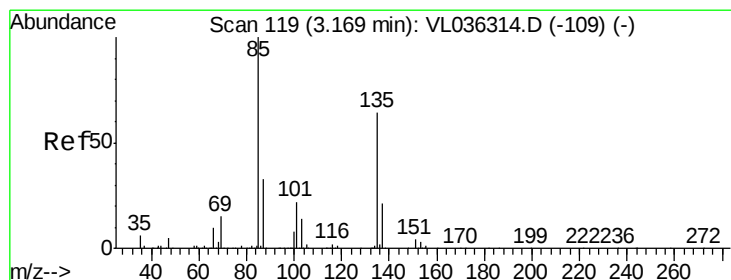
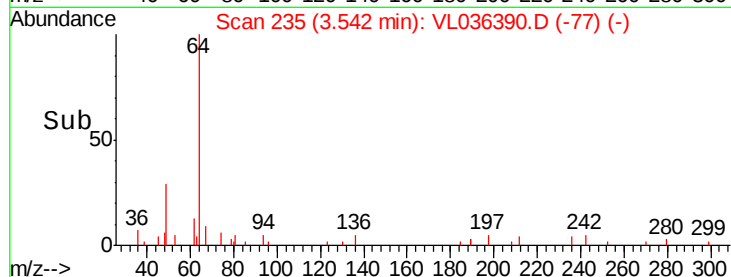
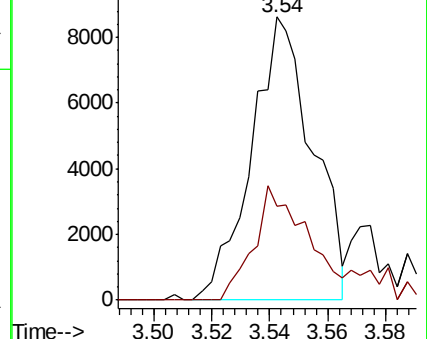
64 100

66 33.4 25.6 38.4



Abundance Ion 64.10 (63.80 to 64.80): VL0

Ion 66.10 (65.80 to 66.80): VL0



#8

Dichlorotetrafluoroethane

Concen: 0.500 ppbv

RT: 3.17 min Scan# 120

Delta R.T. 0.00 min

Lab File: VL036390.D

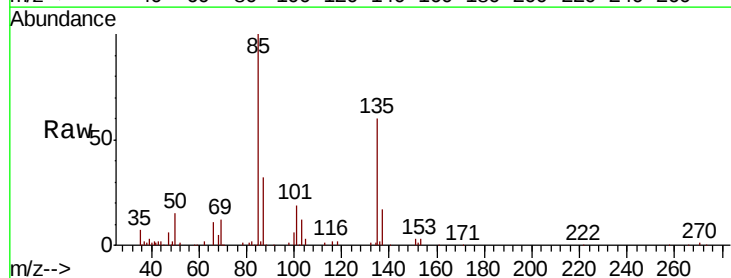
Acq: 25 Feb 2021 20:43

Tgt Ion: 85 Resp: 102830

Ion Ratio Lower Upper

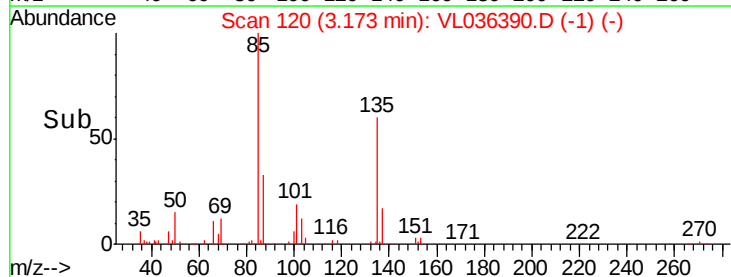
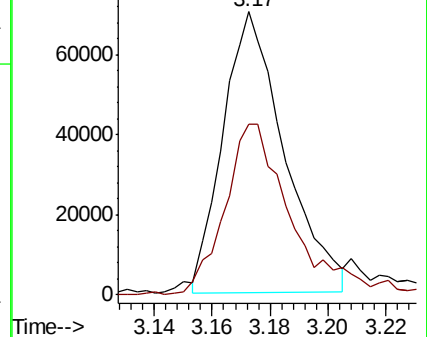
85 100

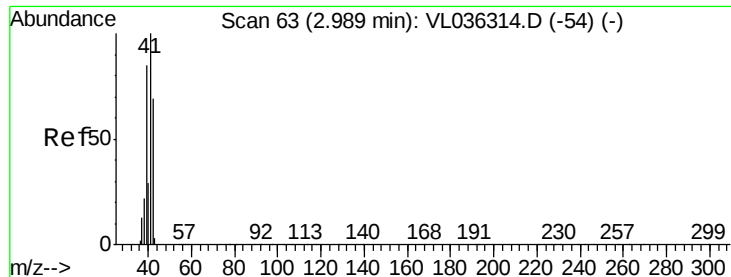
135 69.3 51.1 76.7



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 135.00 (134.70 to 135.70): V





#9

Propene

Concen: 0.248 ppbv

RT: 3.00 min Scan# 67

Delta R.T. 0.01 min

Lab File: VL036390.D

Acq: 25 Feb 2021 20:43

Instrument :

MSVOA_L

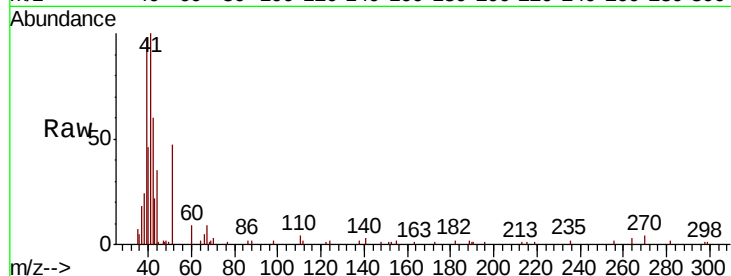
ClientSampleId :

Tot Ion: 41 Resp: 17413

Ion Ratio Lower Upper

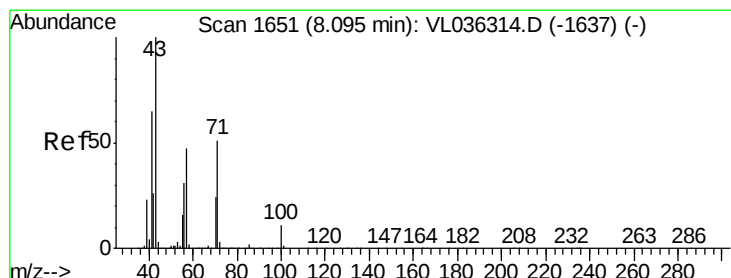
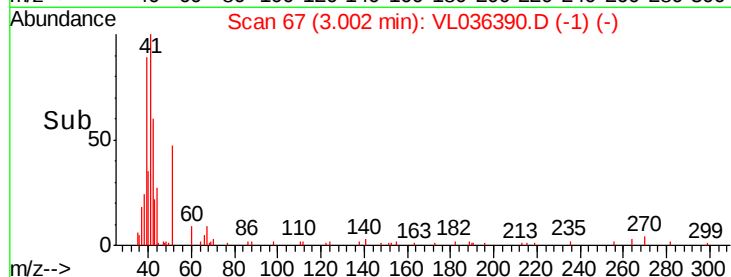
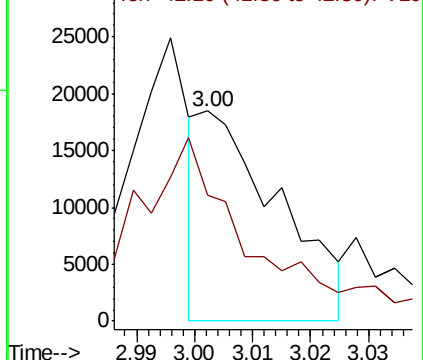
41 100

42 150.7 56.2 84.2#



Abundance Ion 41.10 (40.80 to 41.80): VL0

Ion 42.10 (41.80 to 42.80): VL0



#10

Heptane

Concen: 0.227 ppbv

RT: 8.10 min Scan# 1654

Delta R.T. 0.01 min

Lab File: VL036390.D

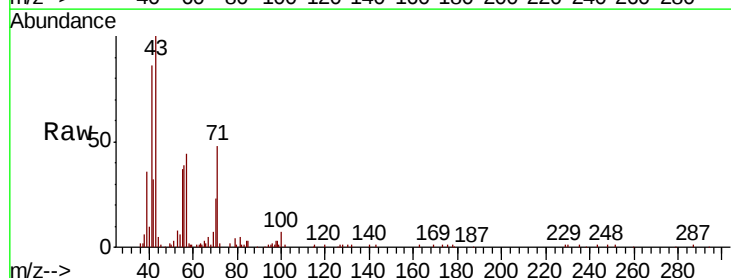
Acq: 25 Feb 2021 20:43

Tgt Ion: 43 Resp: 46820

Ion Ratio Lower Upper

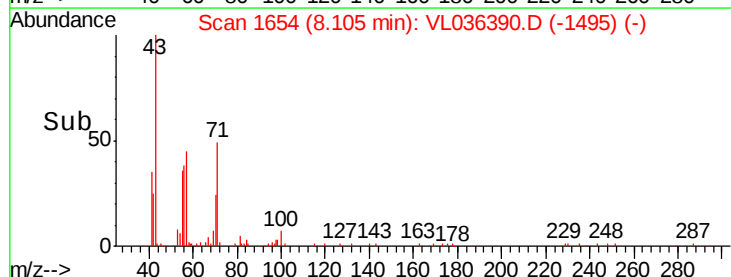
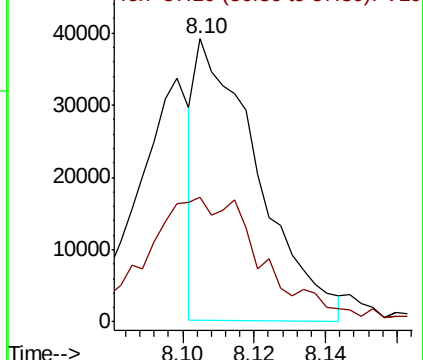
43 100

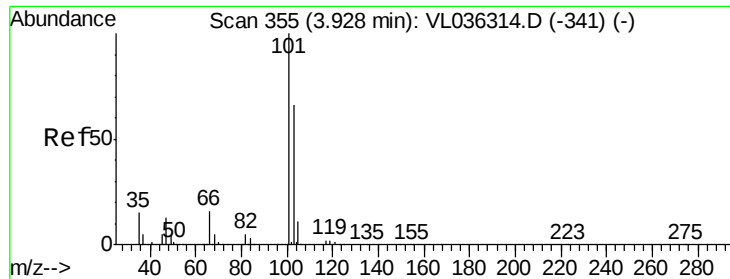
57 86.2 39.4 59.2#



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 57.10 (56.80 to 57.80): VL0

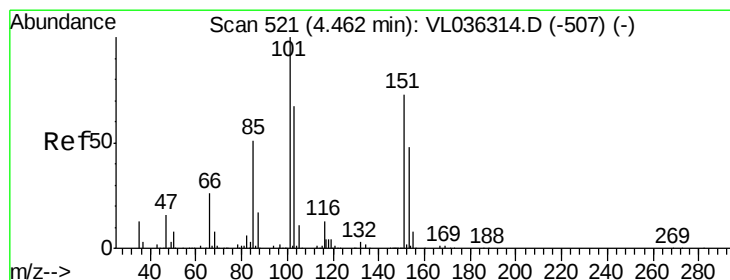
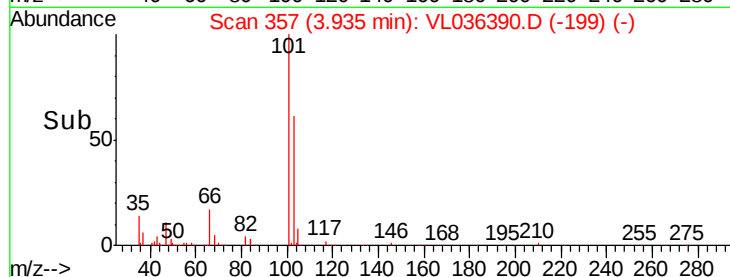
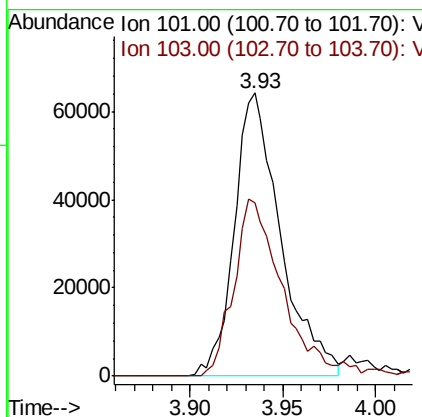
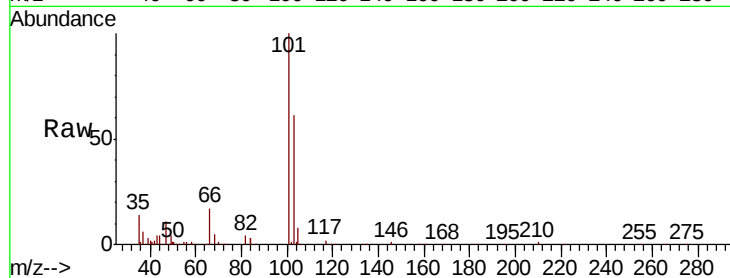




#11
 Trichlorofluoromethane
 Concen: 0.504 ppbv
 RT: 3.93 min Scan# 357
 Delta R.T. 0.01 min
 Lab File: VL036390.D
 Acq: 25 Feb 2021 20:43

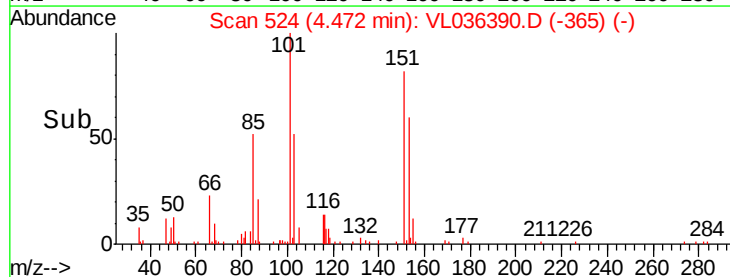
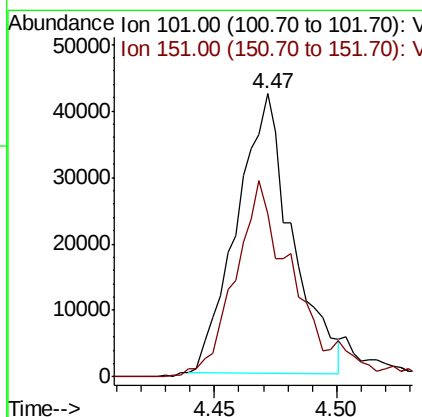
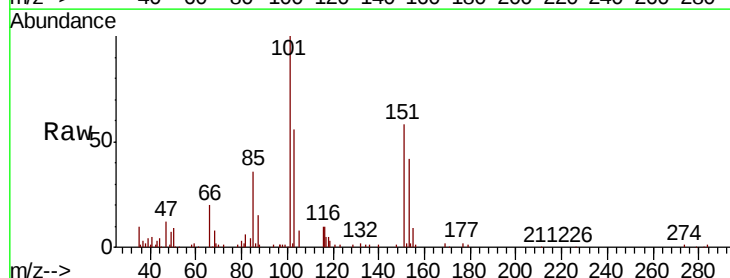
Instrument :
 MSVOA_L
 ClientSampleId :

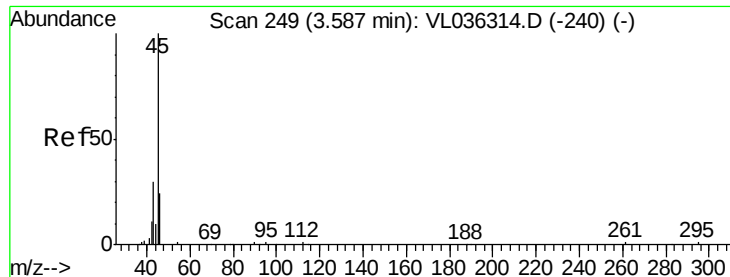
Tot Ion:101 Resp: 111455
 Ion Ratio Lower Upper
 101 100
 103 61.2 52.9 79.3



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.486 ppbv
 RT: 4.47 min Scan# 524
 Delta R.T. 0.01 min
 Lab File: VL036390.D
 Acq: 25 Feb 2021 20:43

Tgt Ion:101 Resp: 66614
 Ion Ratio Lower Upper
 101 100
 151 74.8 58.2 87.4





#13

Ethanol

Concen: 0.191 ppbv

RT: 3.60 min Scan# 252

Delta R.T. 0.01 min

Lab File: VL036390.D

Acq: 25 Feb 2021 20:43

Instrument :

MSVOA_L

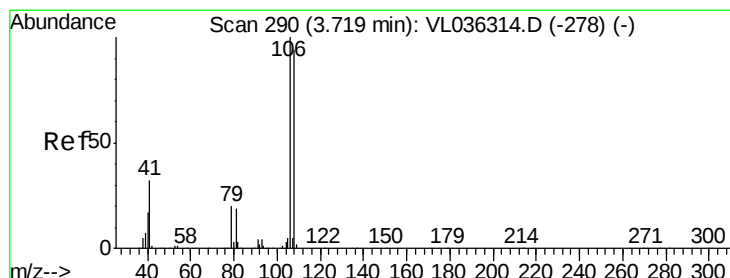
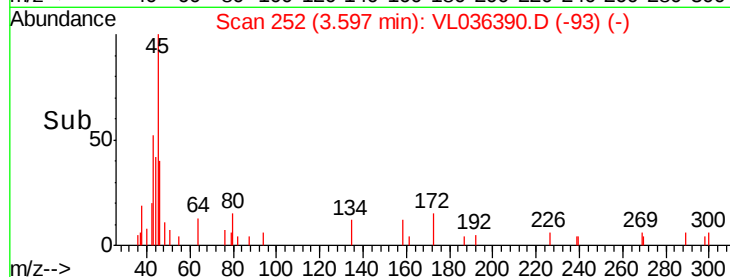
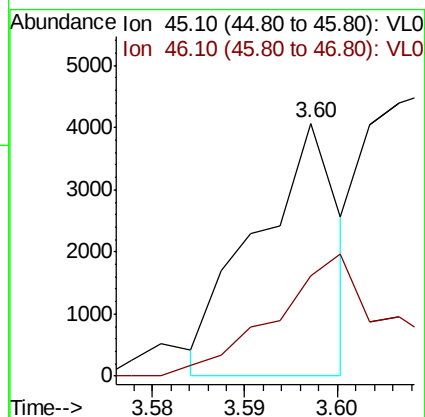
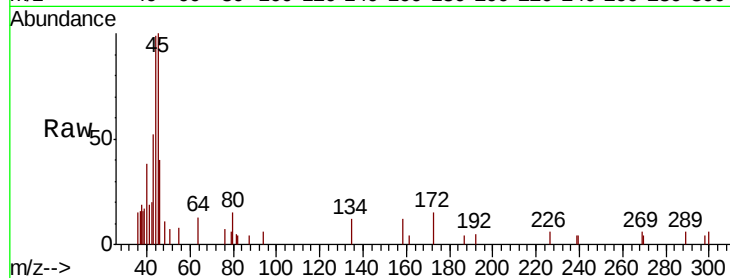
ClientSampleId :

Tot Ion: 45 Resp: 2521

Ion Ratio Lower Upper

45 100

46 202.0 17.7 70.7#



#14

Bromoethene

Concen: 0.422 ppbv

RT: 3.73 min Scan# 292

Delta R.T. 0.01 min

Lab File: VL036390.D

Acq: 25 Feb 2021 20:43

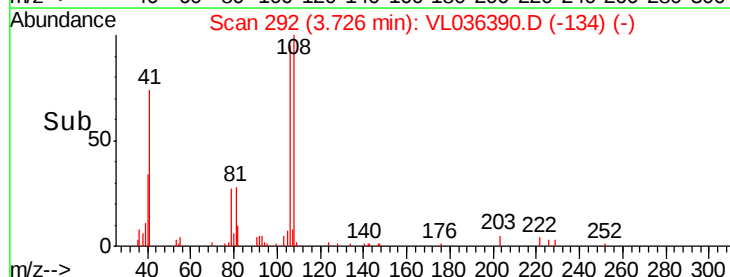
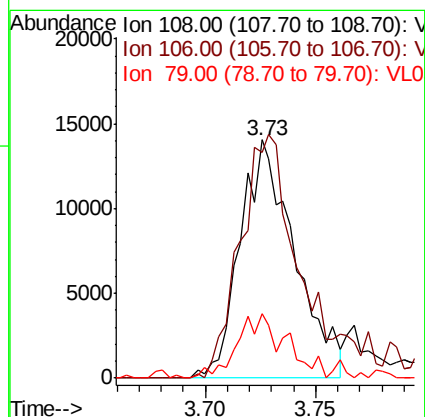
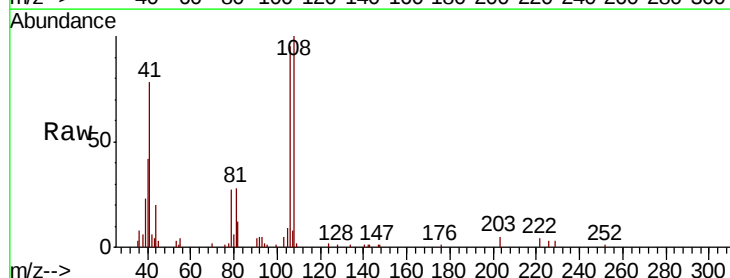
Tgt Ion: 108 Resp: 24209

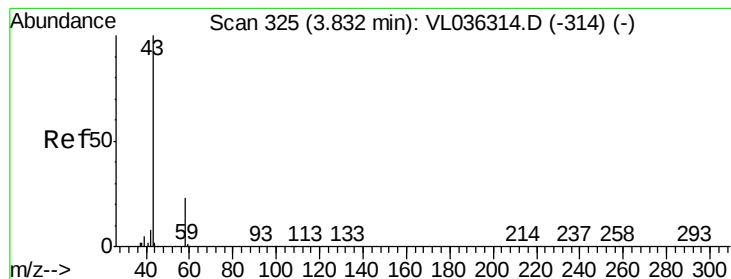
Ion Ratio Lower Upper

108 100

106 119.3 89.8 134.8

79 26.5 17.1 25.7#





#15

Acetone

Concen: 0.553 ppbv

RT: 3.85 min Scan# 331

Delta R.T. 0.02 min

Lab File: VL036390.D

Acq: 25 Feb 2021 20:43

Instrument :

MSVOA_L

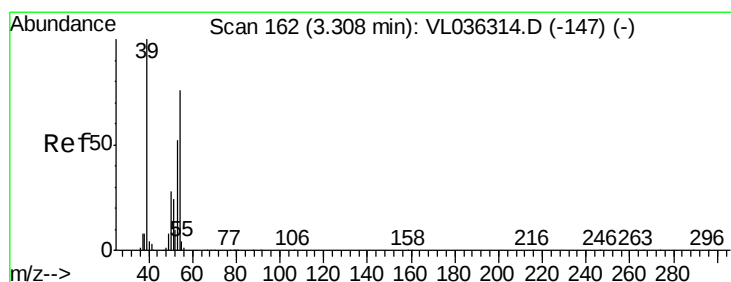
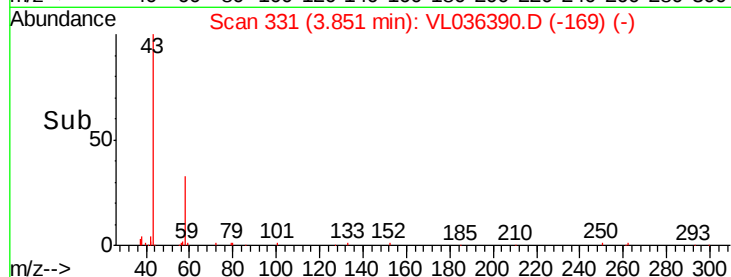
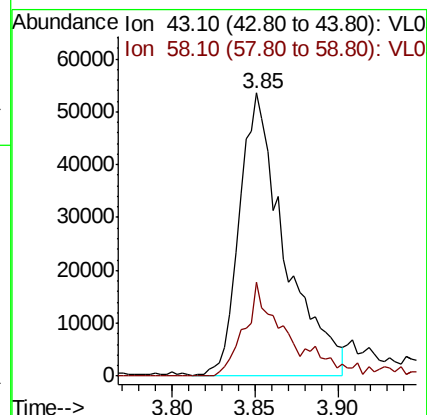
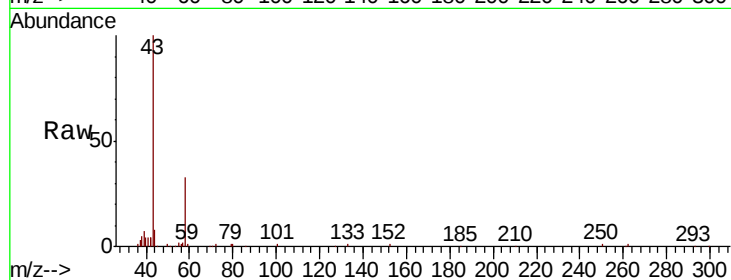
ClientSampleId :

Tot Ion: 43 Resp: 102288

Ion Ratio Lower Upper

43 100

58 31.3 20.3 30.5#



#16

1,3-Butadiene

Concen: 0.191 ppbv

RT: 3.31 min Scan# 163

Delta R.T. 0.00 min

Lab File: VL036390.D

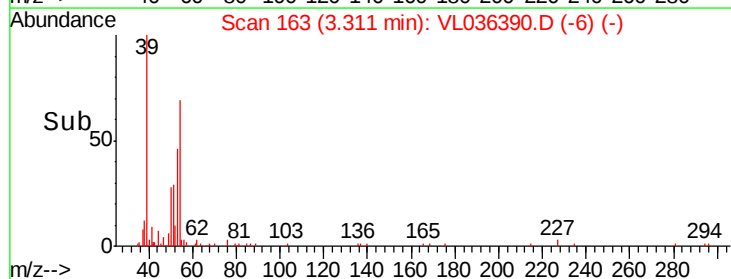
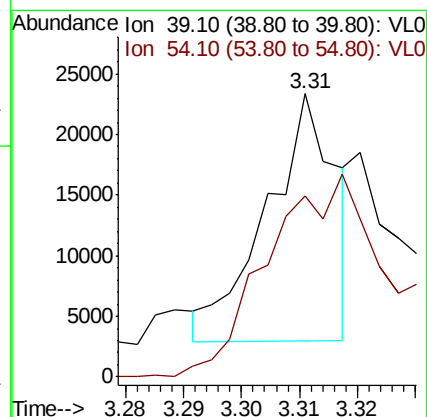
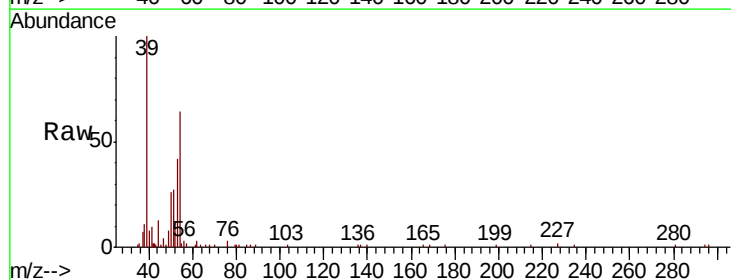
Acq: 25 Feb 2021 20:43

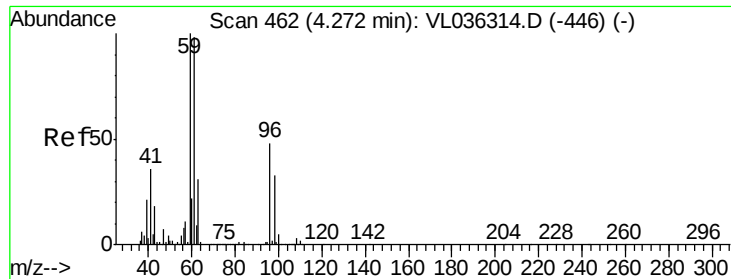
Tgt Ion: 39 Resp: 16859

Ion Ratio Lower Upper

39 100

54 0.0 64.4 96.6#



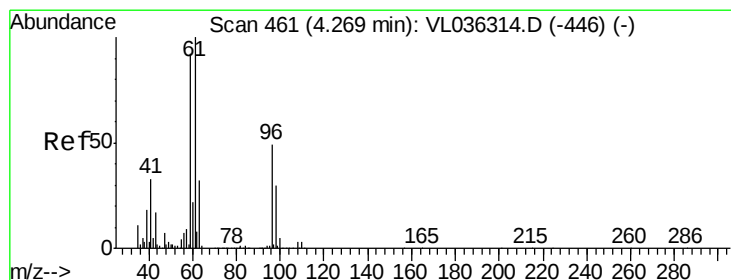
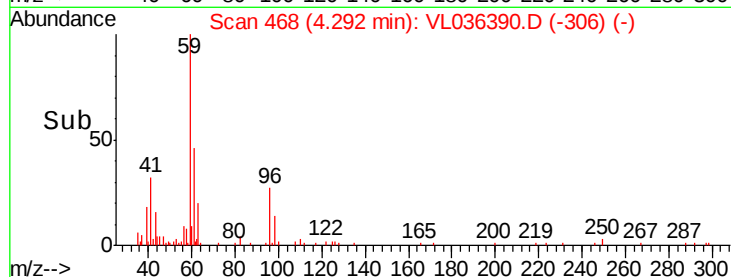
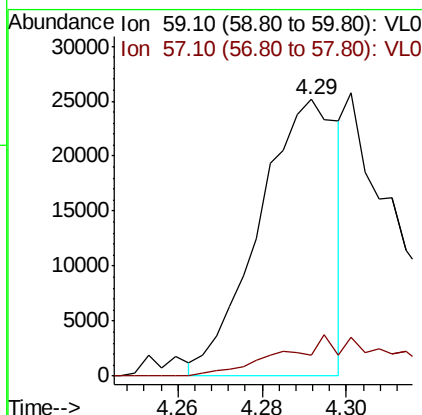
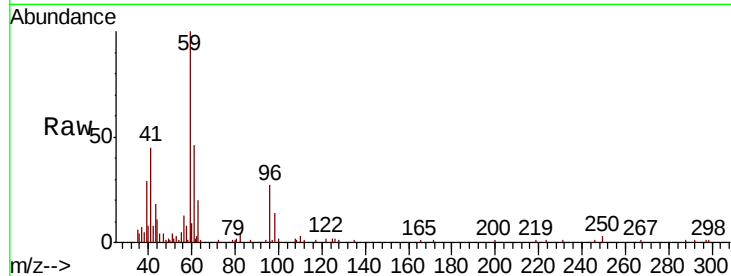


#17

tert-Butyl alcohol
 Concen: 0.226 ppbv
 RT: 4.29 min Scan# 468
 Delta R.T. 0.02 min
 Lab File: VL036390.D
 Acq: 25 Feb 2021 20:43

Instrument :
 MSVOA_L
 ClientSampled :

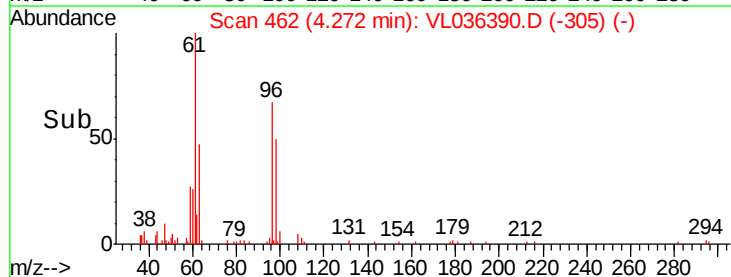
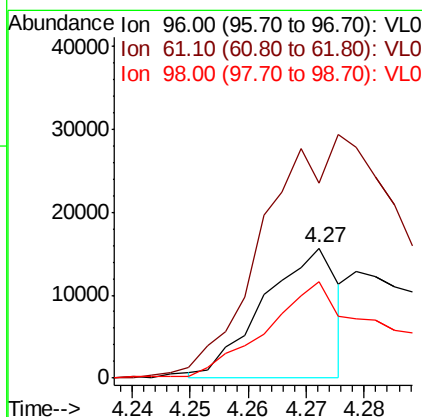
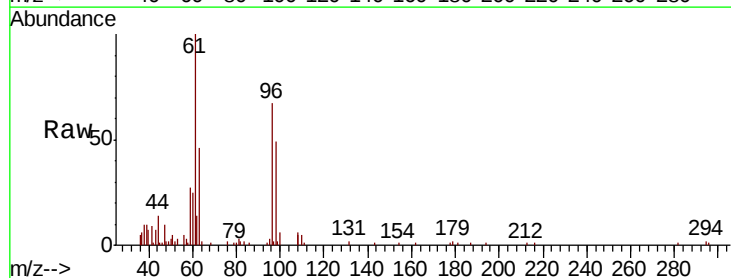
Tot Ion: 59 Resp: 32459
 Ion Ratio Lower Upper
 59 100
 57 22.7 9.0 13.4#

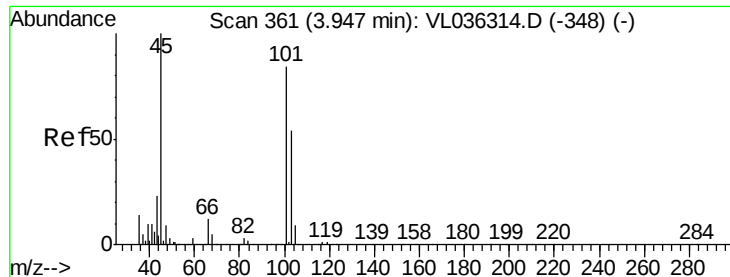


#18

1,1-Dichloroethene
 Concen: 0.223 ppbv
 RT: 4.27 min Scan# 462
 Delta R.T. 0.00 min
 Lab File: VL036390.D
 Acq: 25 Feb 2021 20:43

Tgt Ion: 96 Resp: 13866
 Ion Ratio Lower Upper
 96 100
 61 148.0 162.5 243.7#
 98 75.4 48.5 72.7#





#19

Isopropyl Alcohol

Concen: 0.159 ppbv

RT: 3.96 min Scan# 365

Delta R.T. 0.01 min

Lab File: VL036390.D

Acq: 25 Feb 2021 20:43

Instrument :

MSVOA_L

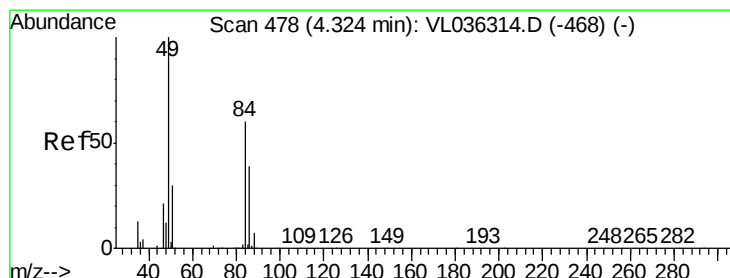
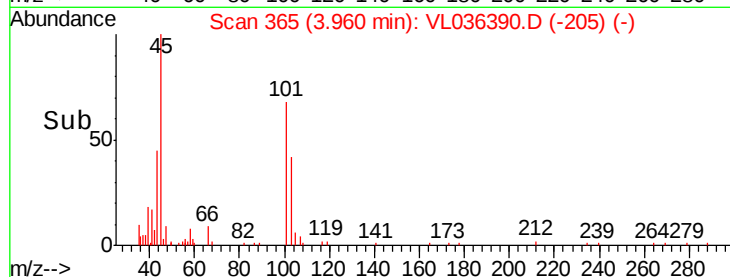
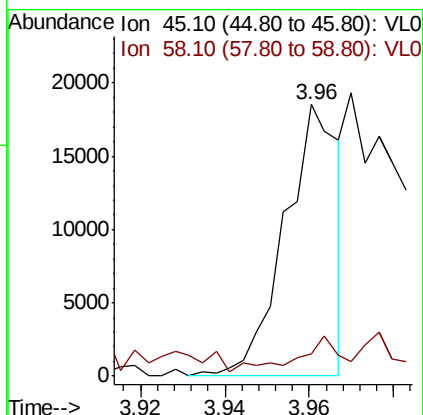
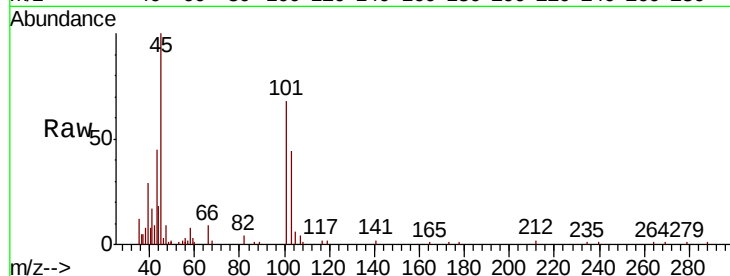
ClientSampleId :

Tot Ion: 45 Resp: 16300

Ion Ratio Lower Upper

45 100

58 0.0 1.9 2.9#



#20

Methylene Chloride

Concen: 0.534 ppbv

RT: 4.33 min Scan# 479

Delta R.T. 0.00 min

Lab File: VL036390.D

Acq: 25 Feb 2021 20:43

Tgt Ion: 84 Resp: 31901

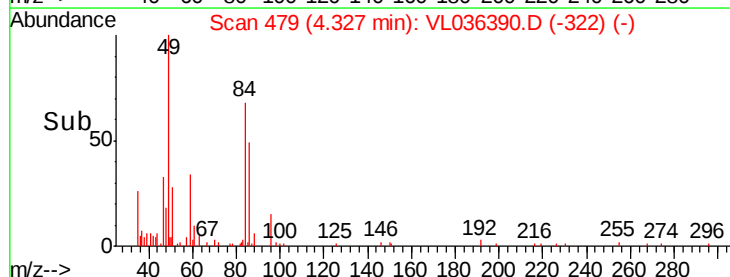
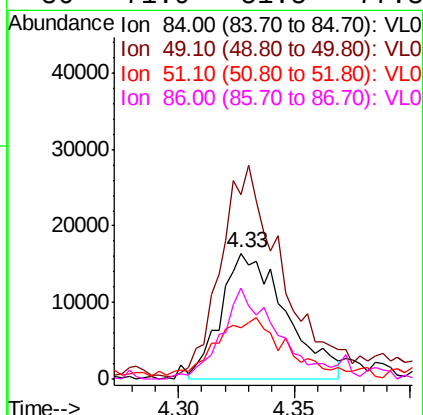
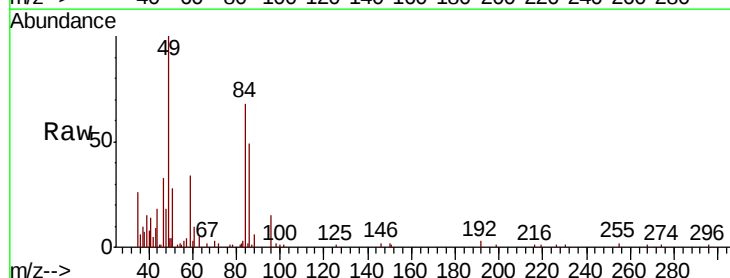
Ion Ratio Lower Upper

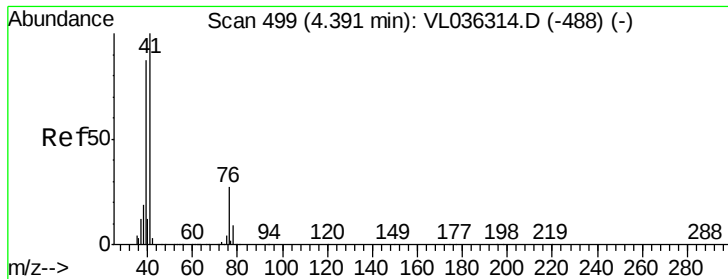
84 100

49 148.2 133.8 200.8

51 35.9 41.4 62.0#

86 71.9 51.5 77.3





#21

Allvl Chloride

Concen: 0.392 ppbv

RT: 4.39 min Scan# 500

Delta R.T. 0.00 min

Lab File: VL036390.D

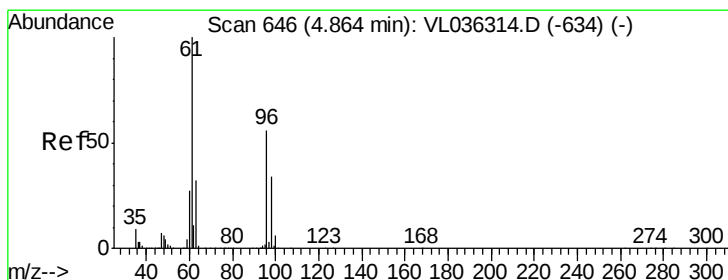
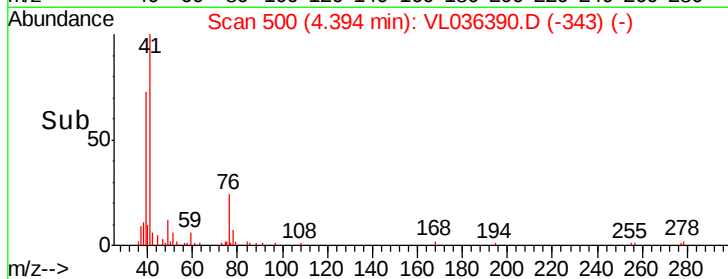
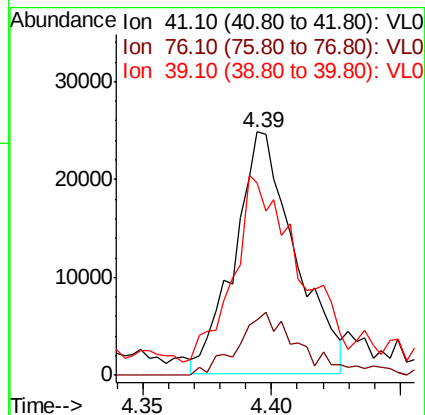
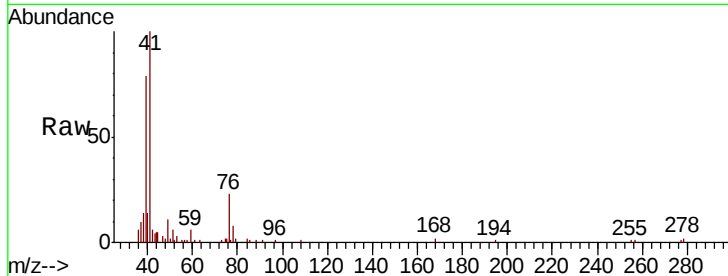
Acq: 25 Feb 2021 20:43

Instrument :

MSVOA_L

ClientSampleId :

Tot Ion:	41	Resp:	40393
Ion	Ratio	Lower	Upper
41	100		
76	28.5	22.0	33.0
39	97.4	70.2	105.2



#22

trans-1,2-Dichloroethene

Concen: 0.423 ppbv

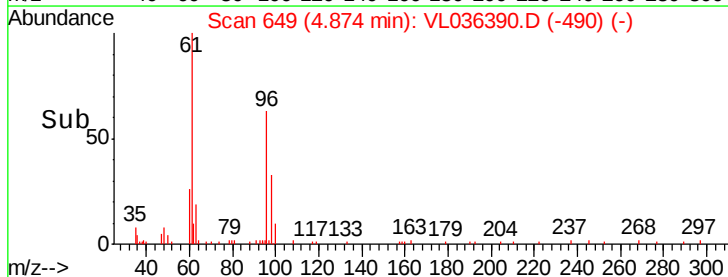
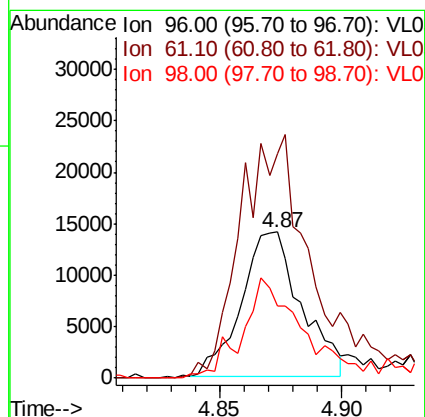
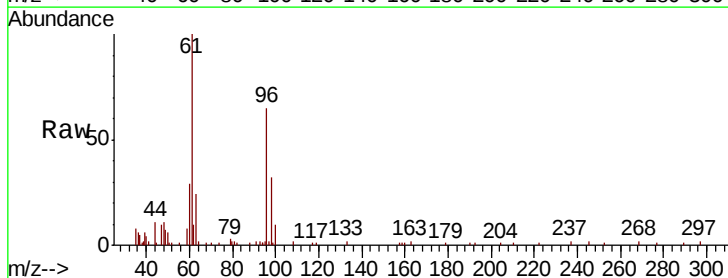
RT: 4.87 min Scan# 649

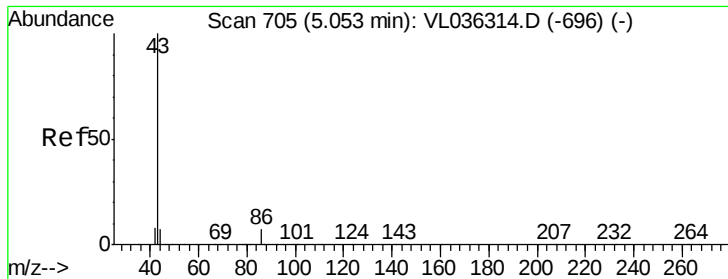
Delta R.T. 0.01 min

Lab File: VL036390.D

Acq: 25 Feb 2021 20:43

Tgt Ion:	96	Resp:	23915
Ion	Ratio	Lower	Upper
96	100		
61	153.2	143.7	215.5
98	46.4	48.5	72.7#





#23

Vinyl Acetate

Concen: 0.175 ppbv

RT: 5.06 min Scan# 708

Delta R.T. 0.01 min

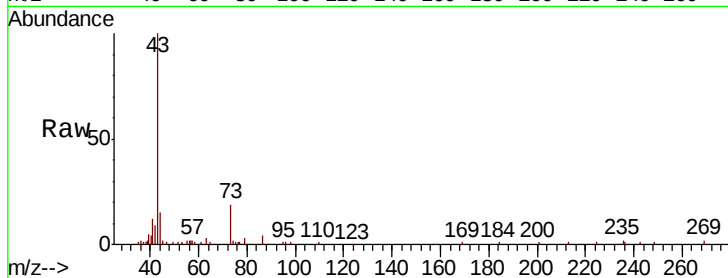
Lab File: VL036390.D

Acq: 25 Feb 2021 20:43

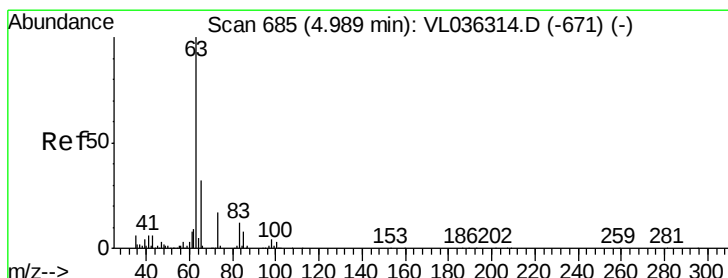
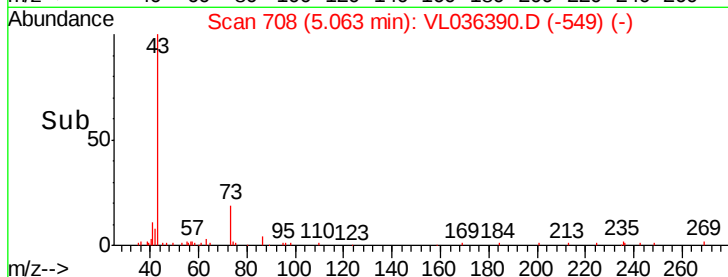
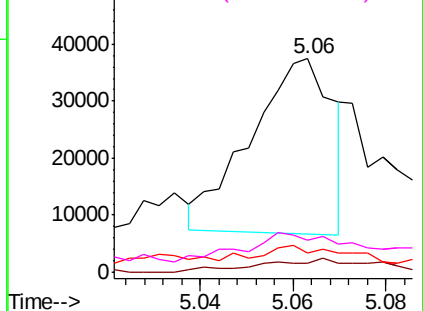
Instrument :
MSVOA_L
ClientSampleId :

Tot Ion: 43 Resp: 38081

Ion	Ratio	Lower	Upper
43	100		
86	3.8	4.8	7.2#
42	4.0	7.4	11.0#
44	10.2	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: 0.245 ppbv

RT: 4.99 min Scan# 685

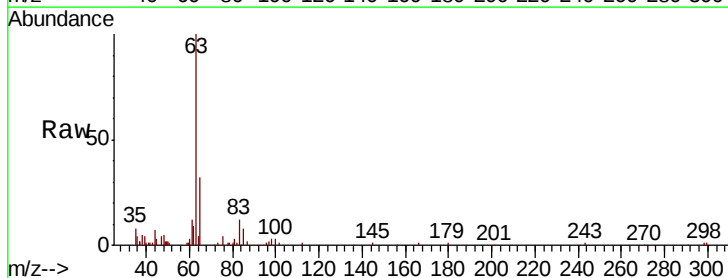
Delta R.T. 0.00 min

Lab File: VL036390.D

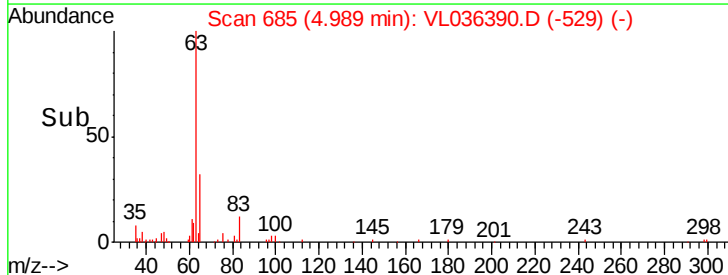
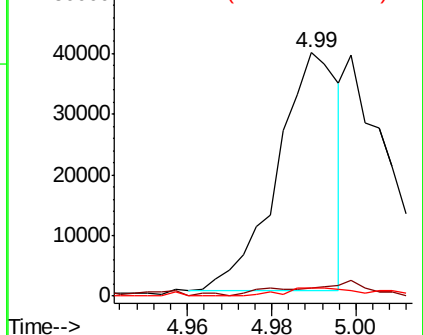
Acq: 25 Feb 2021 20:43

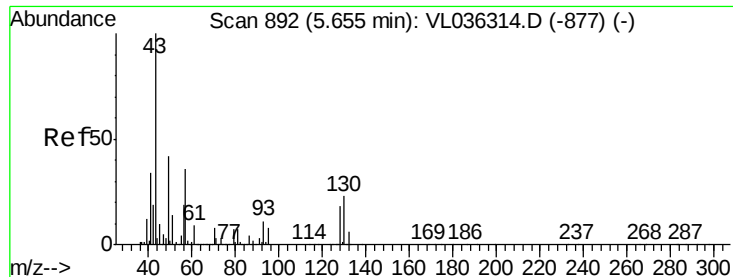
Tgt Ion: 63 Resp: 39376

Ion	Ratio	Lower	Upper
63	100		
98	3.4	2.0	6.0
100	3.5	1.5	4.4



Abundance Ion 63.10 (62.80 to 63.80): VL0
Ion 98.00 (97.70 to 98.70): VL0
Ion 100.00 (99.70 to 100.70): VL0

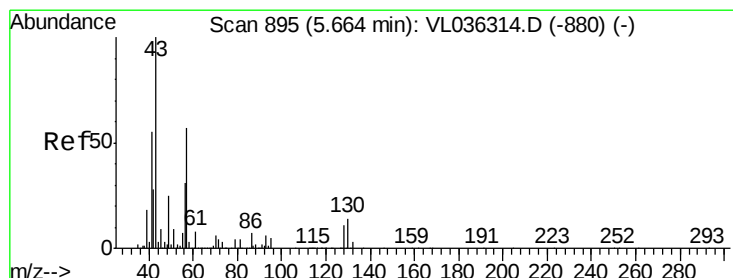
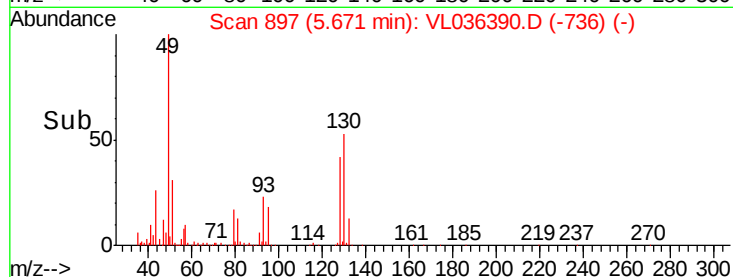
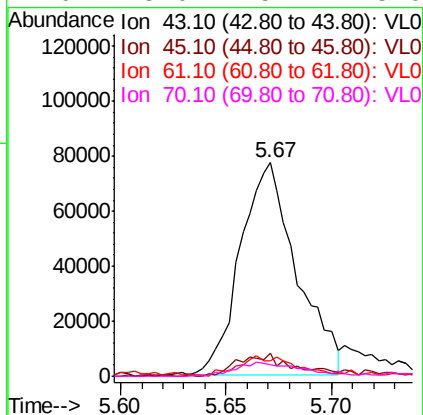
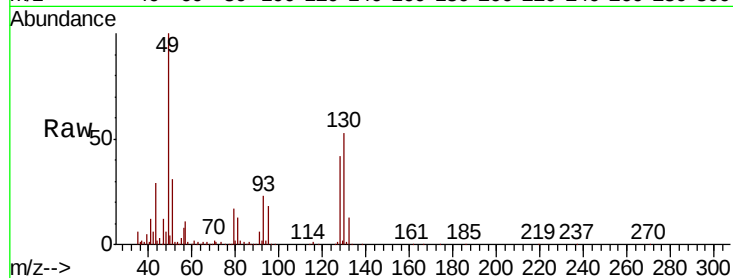




#25
Ethyl Acetate
Concen: 0.400 ppbv
RT: 5.67 min Scan# 897
Delta R.T. 0.02 min
Lab File: VL036390.D
Acq: 25 Feb 2021 20:43

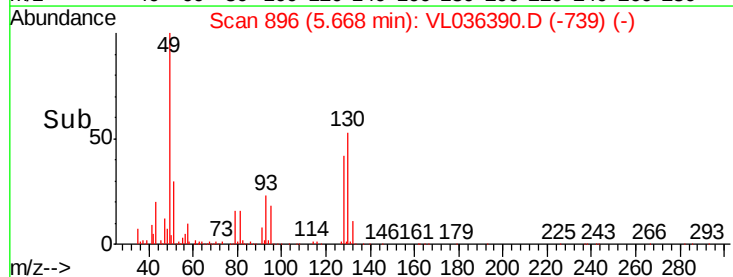
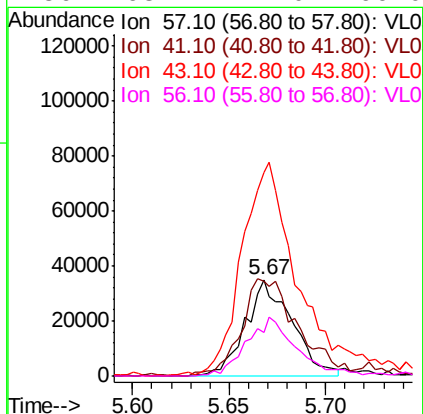
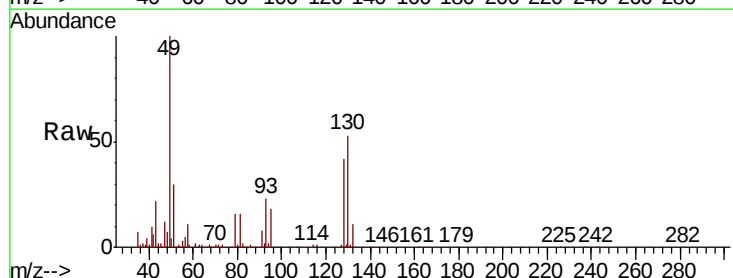
Instrument :
MSVOA_L
ClientSampleId :

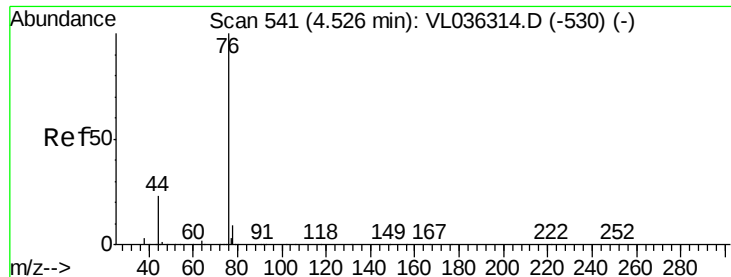
Tot Ion:	43	Resp:	142881
Ion	Ratio	Lower	Upper
43	100		
45	12.5	8.3	12.5#
61	13.0	7.3	10.9#
70	8.0	5.4	8.0



#26
Hexane
Concen: 0.400 ppbv
RT: 5.67 min Scan# 896
Delta R.T. 0.00 min
Lab File: VL036390.D
Acq: 25 Feb 2021 20:43

Tgt Ion:	57	Resp:	58684
Ion	Ratio	Lower	Upper
57	100		
41	131.8	81.7	122.5#
43	281.7	199.1	298.7
56	68.1	44.0	66.0#





#27

Carbon Disulfide

Concen: 0.125 ppbv

RT: 4.53 min Scan# 542

Delta R.T. 0.00 min

Lab File: VL036390.D

Acq: 25 Feb 2021 20:43

Instrument :

MSVOA_L

ClientSampleId :

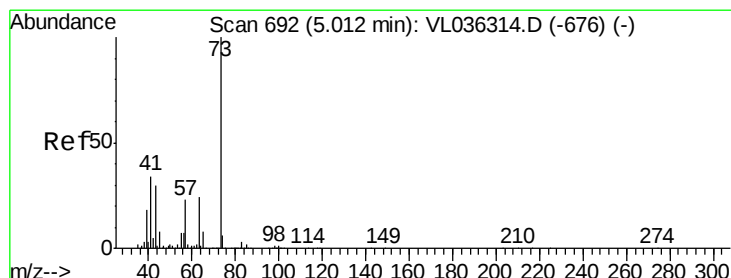
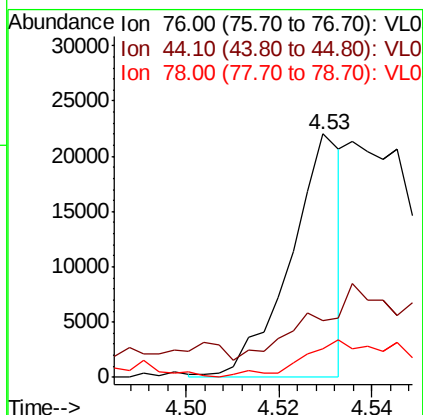
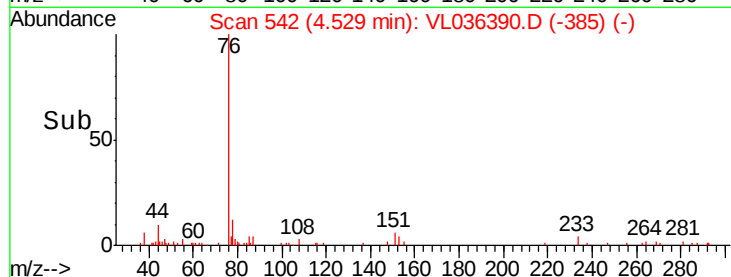
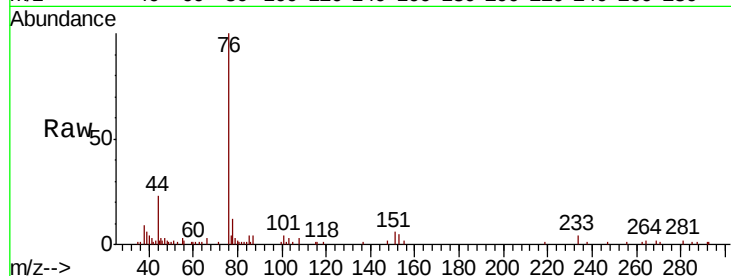
Tot Ion: 76 Resp: 16825

Ion Ratio Lower Upper

76 100

44 0.0 18.4 27.6#

78 0.0 8.0 12.0#



#28

Methyl tert-Butyl Ether

Concen: 0.213 ppbv

RT: 5.03 min Scan# 697

Delta R.T. 0.02 min

Lab File: VL036390.D

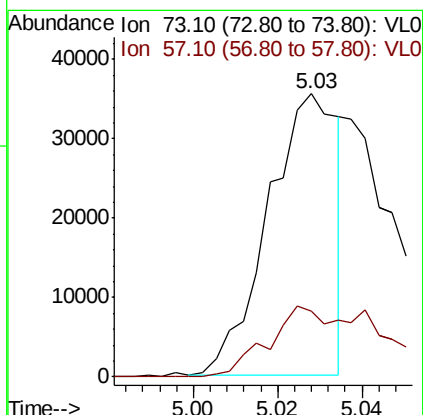
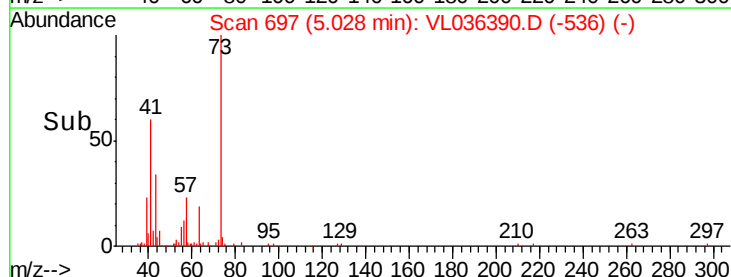
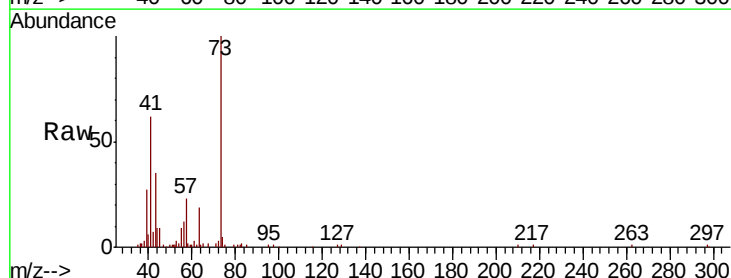
Acq: 25 Feb 2021 20:43

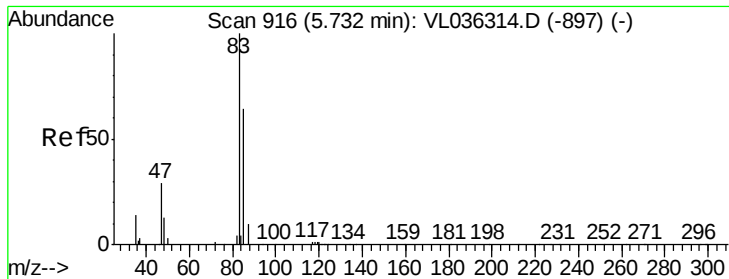
Tgt Ion: 73 Resp: 40848

Ion Ratio Lower Upper

73 100

57 40.7 19.2 28.8#





#29

Chloroform

Concen: 0.484 ppbv

RT: 5.73 min Scan# 915

Delta R.T. -0.00 min

Lab File: VL036390.D

Acq: 25 Feb 2021 20:43

Instrument :

MSVOA_L

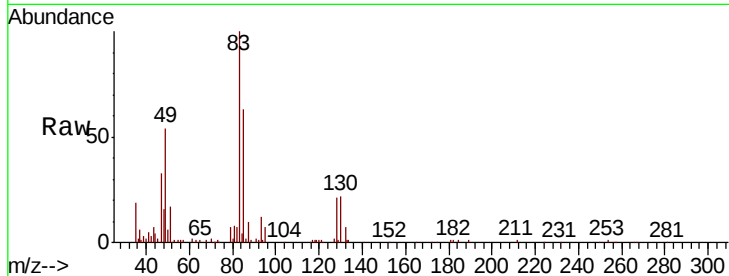
ClientSampleId :

Tot Ion: 83 Resp: 114434

Ion Ratio Lower Upper

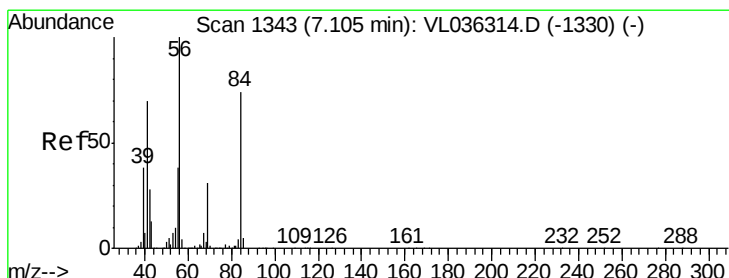
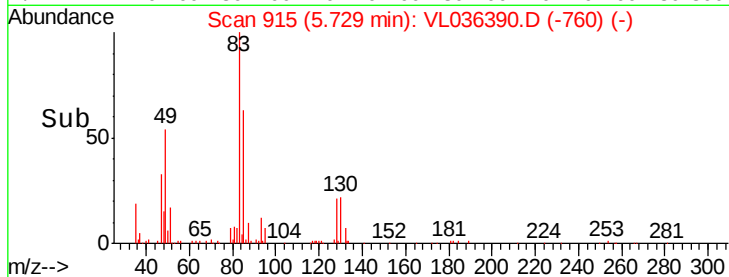
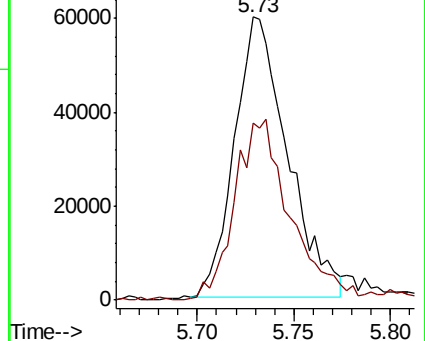
83 100

85 62.5 51.4 77.2



Abundance Ion 83.00 (82.70 to 83.70): VL0

Ion 85.00 (84.70 to 85.70): VL0



#30

Cyclohexane

Concen: 0.215 ppbv

RT: 7.11 min Scan# 1345

Delta R.T. 0.01 min

Lab File: VL036390.D

Acq: 25 Feb 2021 20:43

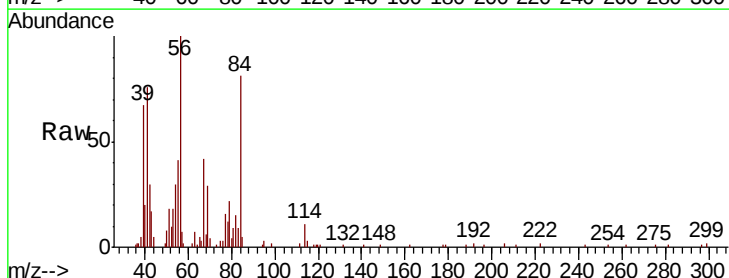
Tgt Ion: 84 Resp: 26300

Ion Ratio Lower Upper

84 100

56 158.6 120.2 180.4

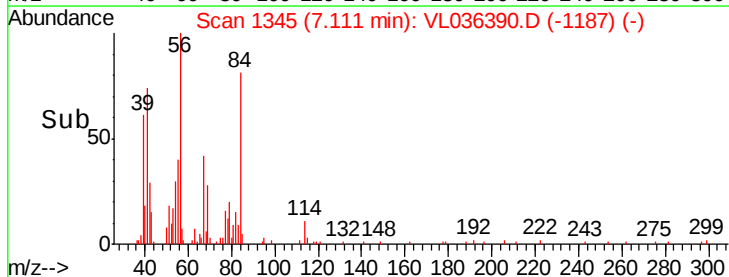
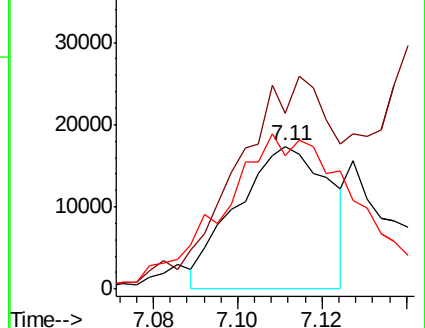
41 179.5 79.7 119.5#

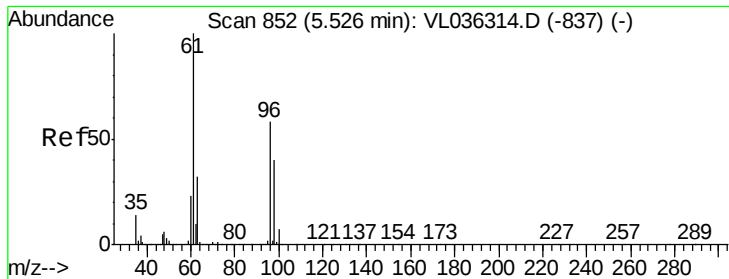


Abundance Ion 84.20 (83.90 to 84.90): VL0

Ion 56.10 (55.80 to 56.80): VL0

Ion 41.10 (40.80 to 41.80): VL0



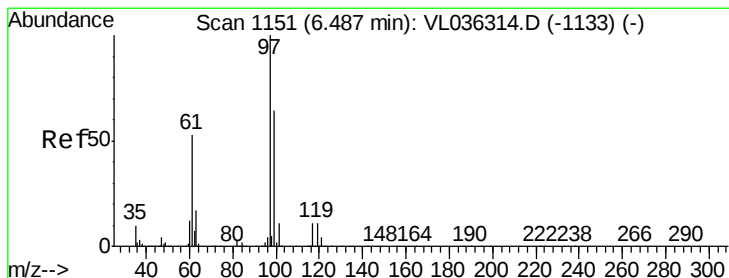
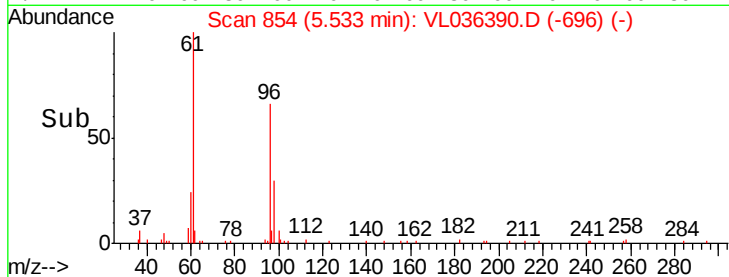
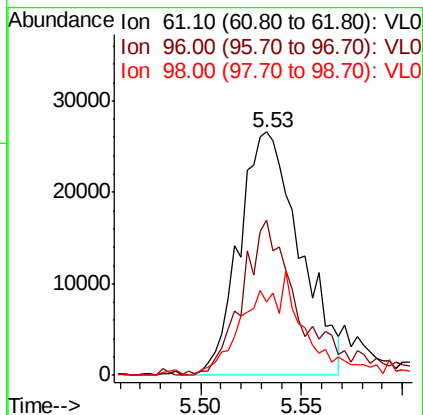
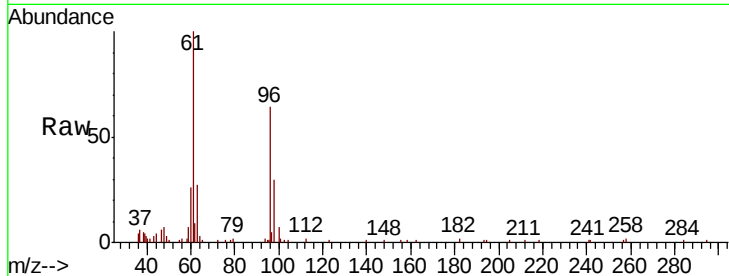


#31

cis-1,2-Dichloroethene
 Concen: 0.385 ppbv
 RT: 5.53 min Scan# 854
 Delta R.T. 0.01 min
 Lab File: VL036390.D
 Acq: 25 Feb 2021 20:43

Instrument :
 MSVOA_L
 ClientSampleId :

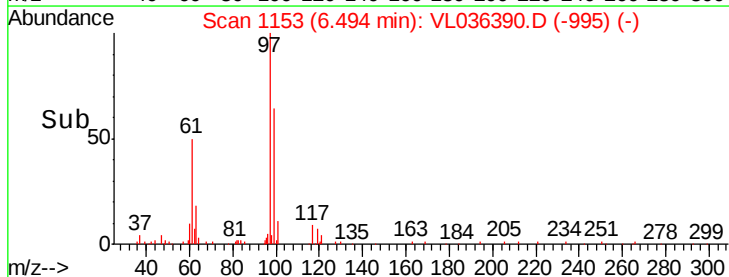
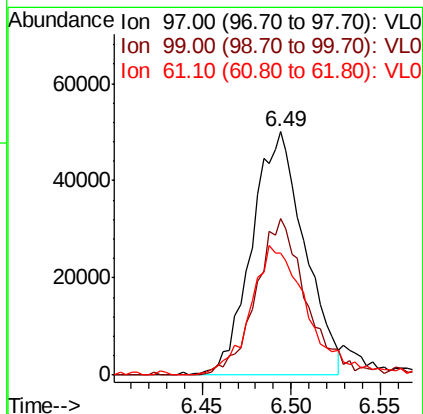
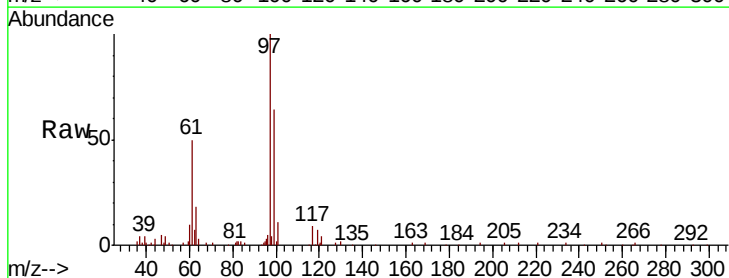
Tot Ion	Ratio	Lower	Upper
61	100		
96	62.3	46.0	69.0
98	30.2	31.9	47.9#

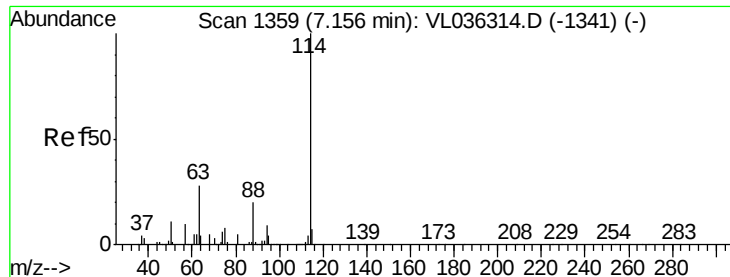


#32

1,1,1-Trichloroethane
 Concen: 0.469 ppbv
 RT: 6.49 min Scan# 1153
 Delta R.T. 0.01 min
 Lab File: VL036390.D
 Acq: 25 Feb 2021 20:43

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.3	52.2	78.4
61	57.9	43.3	64.9

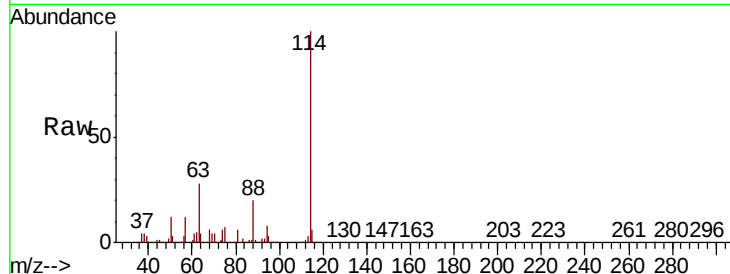




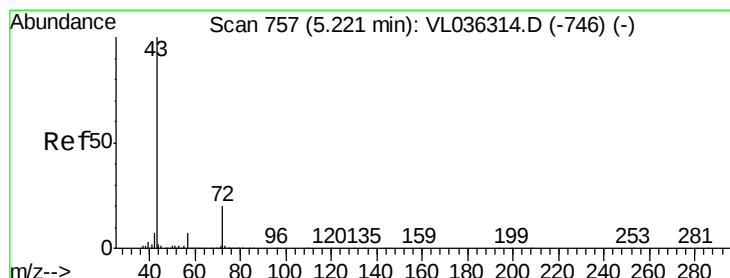
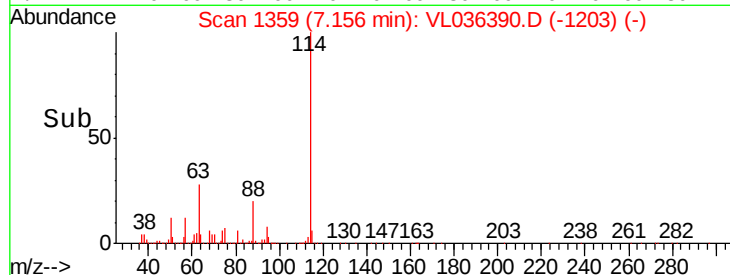
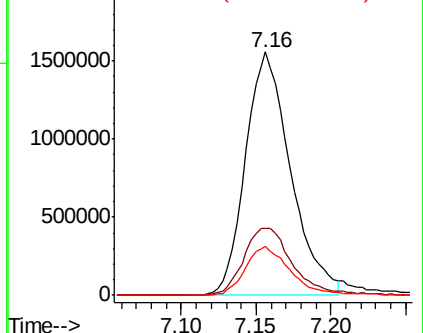
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.16 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VL036390.D
 Acq: 25 Feb 2021 20:43

Instrument :
 MSVOA_L
 ClientSampleId :

Tot Ion:114 Resp: 3270101
 Ion Ratio Lower Upper
 114 100
 63 30.4 24.1 36.1
 88 20.4 16.0 24.0

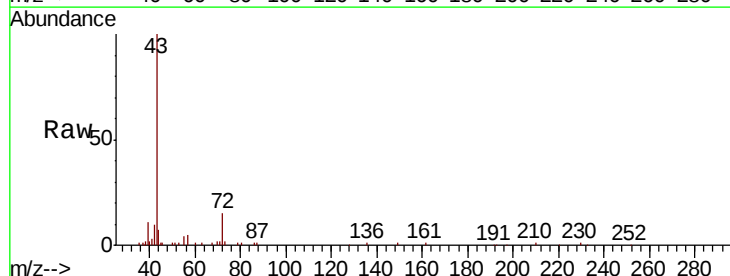


Abundance Ion 114.10 (113.80 to 114.80): VL0
 Ion 63.10 (62.80 to 63.80): VL0
 Ion 88.10 (87.80 to 88.80): VL0

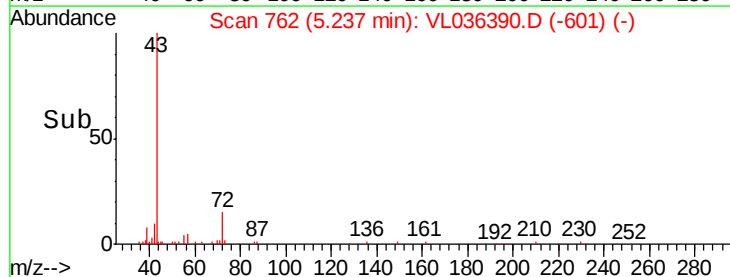
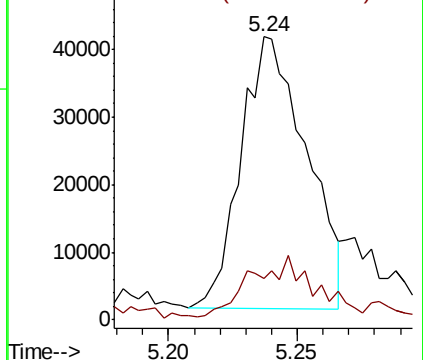


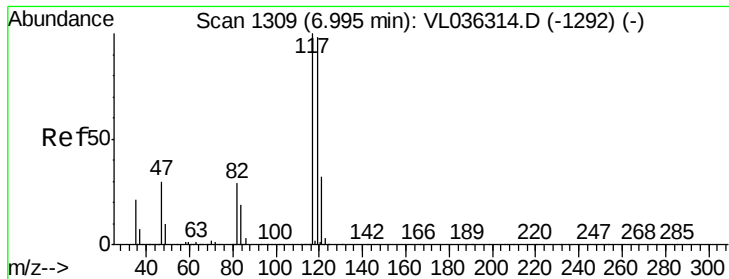
#34
 2-Butanone
 Concen: 0.329 ppbv
 RT: 5.24 min Scan# 762
 Delta R.T. 0.02 min
 Lab File: VL036390.D
 Acq: 25 Feb 2021 20:43

Tgt Ion: 43 Resp: 71426
 Ion Ratio Lower Upper
 43 100
 72 28.8 16.7 25.1#



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

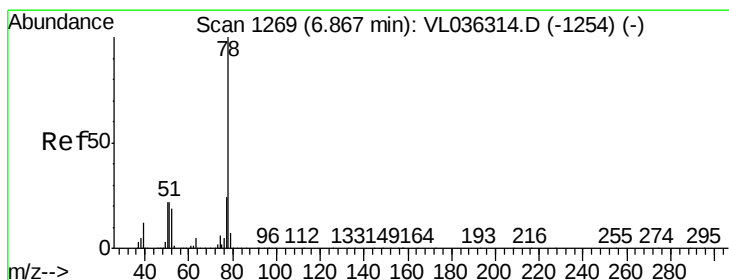
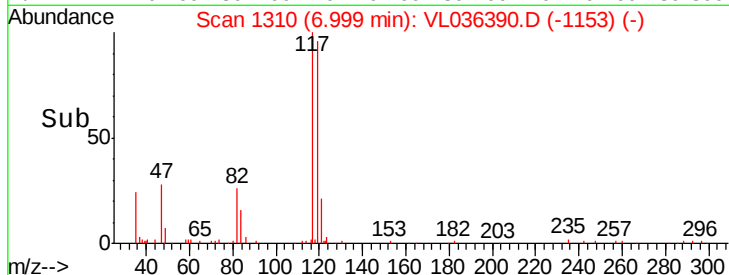
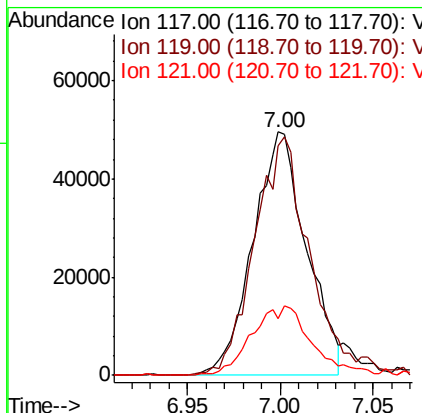
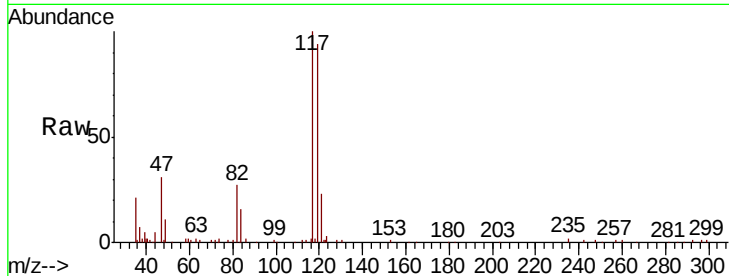




#35
Carbon Tetrachloride
Concen: 0.453 ppbv
RT: 7.00 min Scan# 1310
Delta R.T. 0.00 min
Lab File: VL036390.D
Acq: 25 Feb 2021 20:43

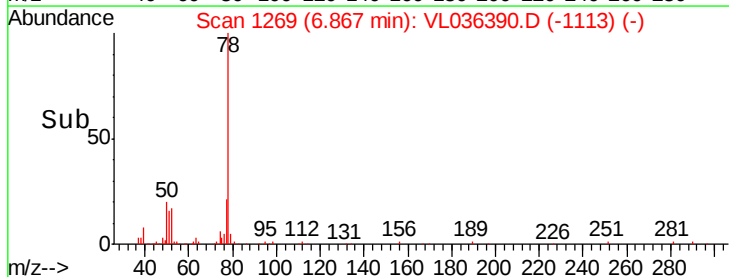
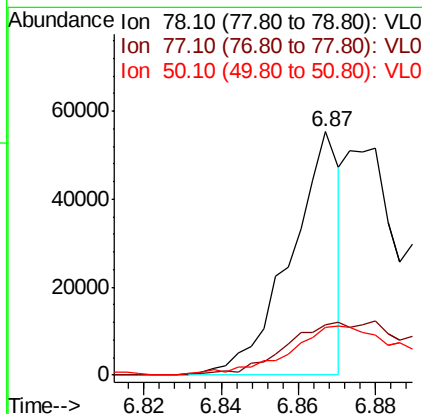
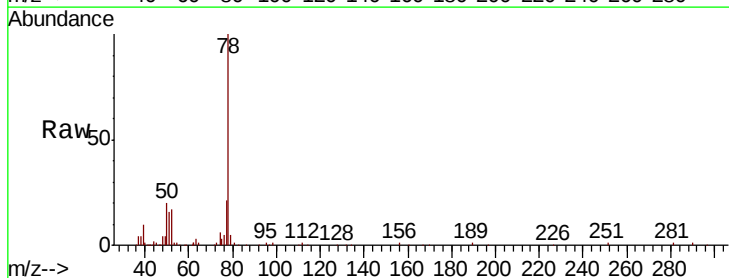
Instrument :
MSVOA_L
ClientSampleId :

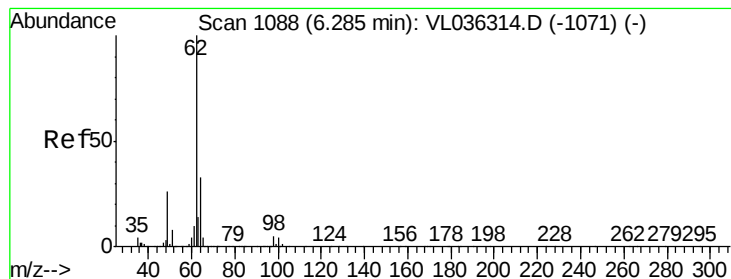
Tot Ion:117 Resp: 99282
Ion Ratio Lower Upper
117 100
119 94.9 78.1 117.1
121 23.3 25.8 38.8#



#36
Benzene
Concen: 0.176 ppbv
RT: 6.87 min Scan# 1269
Delta R.T. 0.00 min
Lab File: VL036390.D
Acq: 25 Feb 2021 20:43

Tgt Ion: 78 Resp: 48968
Ion Ratio Lower Upper
78 100
77 20.0 18.9 28.3
50 19.0 17.3 25.9





#37

1,2-Dichloroethane

Concen: 0.461 ppbv

RT: 6.29 min Scan# 1089

Delta R.T. 0.00 min

Lab File: VL036390.D

Acq: 25 Feb 2021 20:43

Instrument :

MSVOA_L

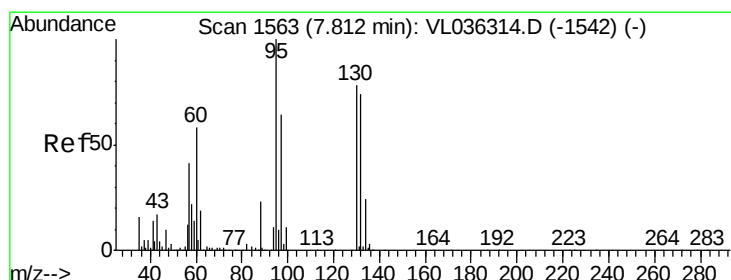
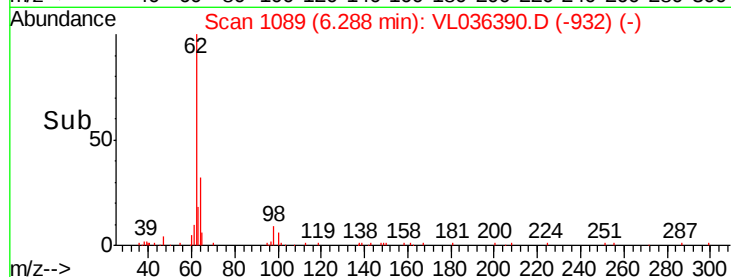
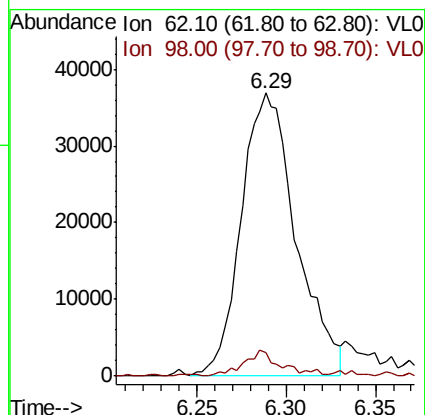
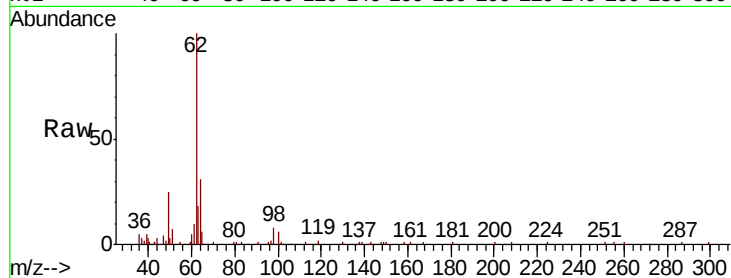
ClientSampleId :

Tot Ion: 62 Resp: 79253

Ion Ratio Lower Upper

62 100

98 7.6 4.5 6.7#



#38

Trichloroethene

Concen: 0.162 ppbv

RT: 7.81 min Scan# 1562

Delta R.T. -0.00 min

Lab File: VL036390.D

Acq: 25 Feb 2021 20:43

Tgt Ion: 130 Resp: 16132

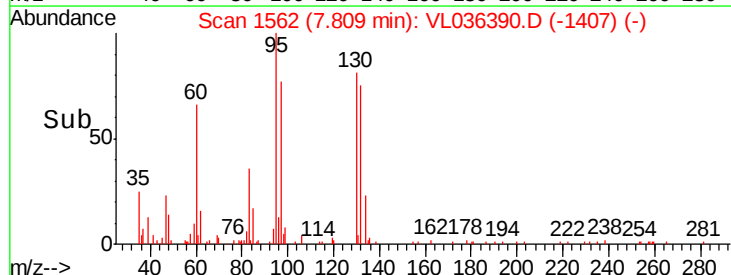
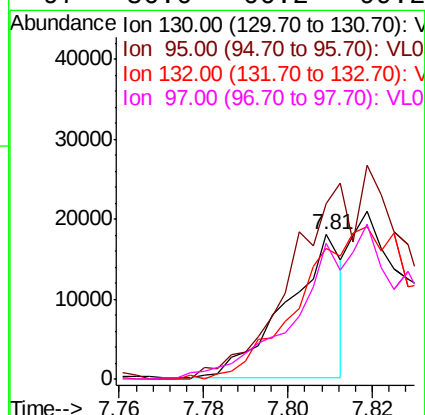
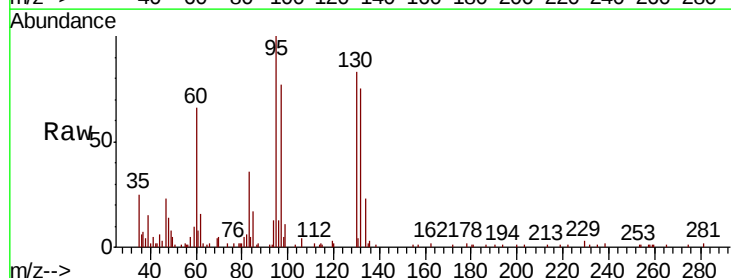
Ion Ratio Lower Upper

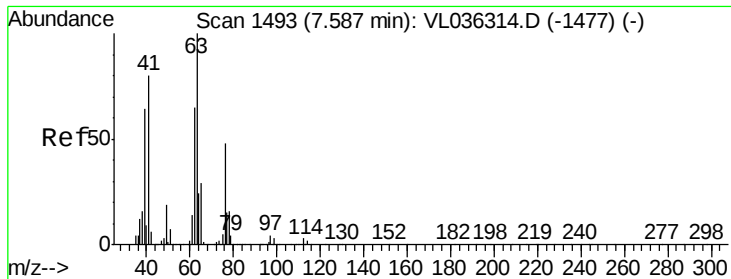
130 100

95 116.8 102.8 154.2

132 85.0 75.7 113.5

97 86.0 66.2 99.2

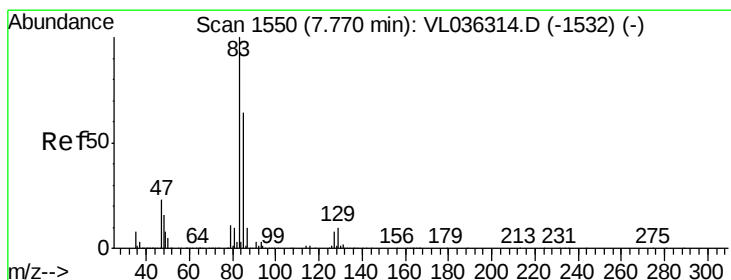
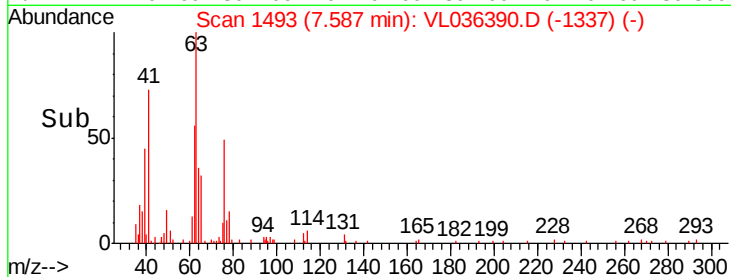
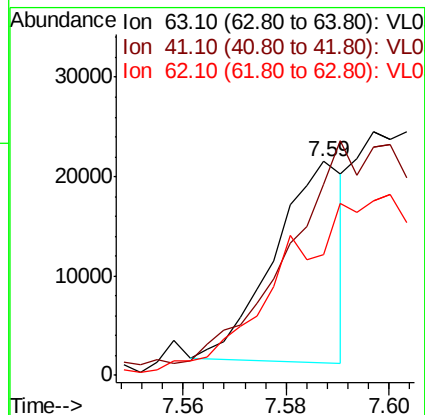
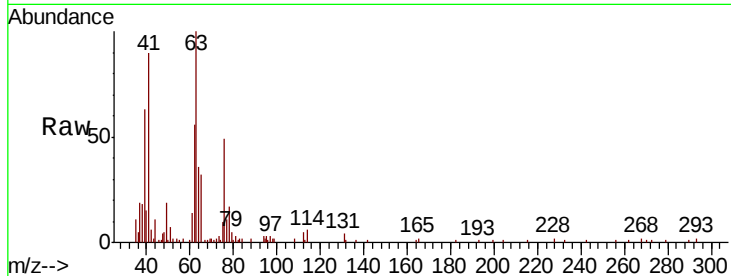




#39
 1,2-Dichloropropane
 Concen: 0.166 ppbv
 RT: 7.59 min Scan# 1493
 Delta R.T. 0.00 min
 Lab File: VL036390.D
 Acq: 25 Feb 2021 20:43

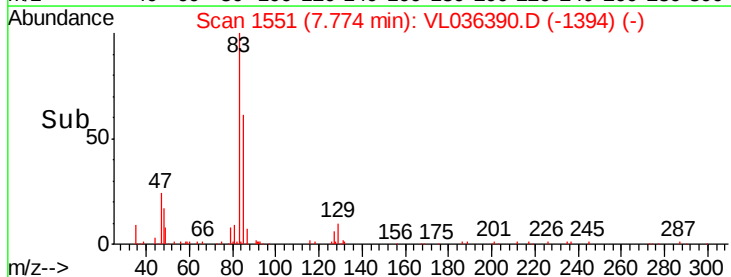
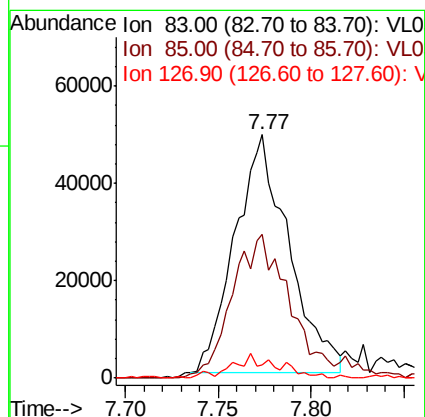
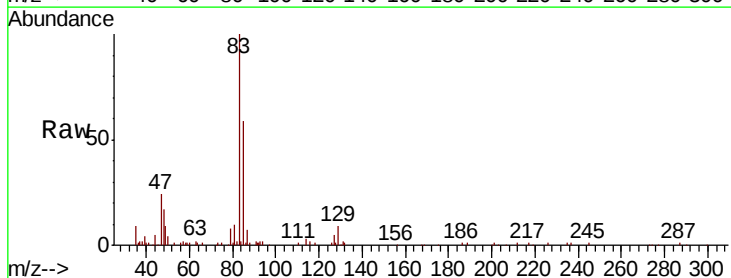
Instrument :
 MSVOA_L
 ClientSampled :

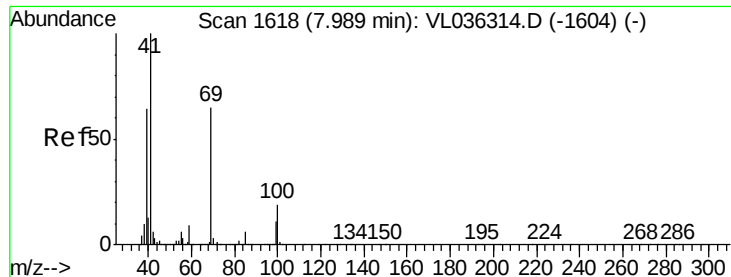
Tot Ion: 63 Resp: 18680
 Ion Ratio Lower Upper
 63 100
 41 94.4 63.8 95.6
 62 56.7 52.3 78.5



#42
 Bromodichloromethane
 Concen: 0.427 ppbv
 RT: 7.77 min Scan# 1551
 Delta R.T. 0.00 min
 Lab File: VL036390.D
 Acq: 25 Feb 2021 20:43

Tgt Ion: 83 Resp: 98204
 Ion Ratio Lower Upper
 83 100
 85 58.9 51.1 76.7
 127 5.5 6.3 9.5#

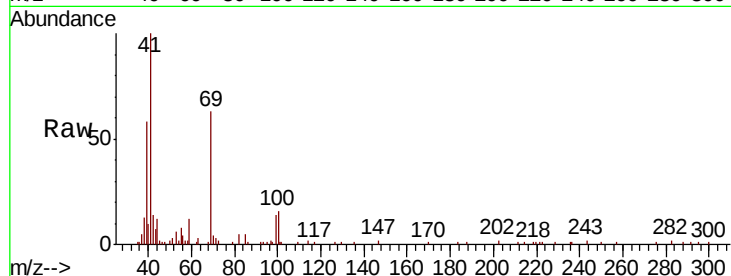




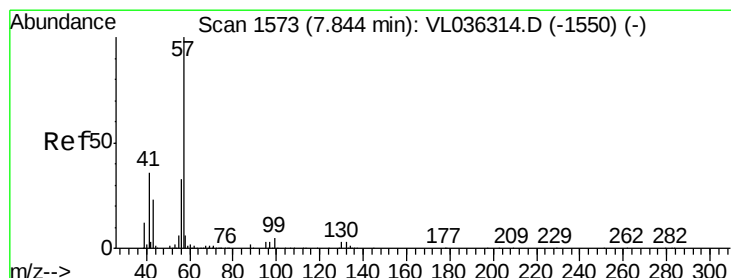
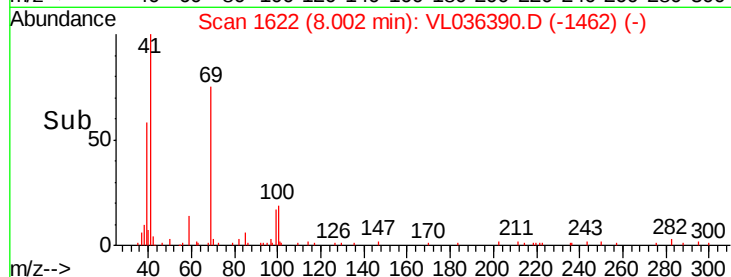
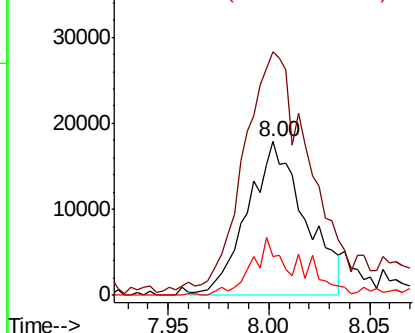
#43
Methvl Methacrilate
Concen: 0.304 ppbv
RT: 8.00 min Scan# 1622
Delta R.T. 0.01 min
Lab File: VL036390.D
Acq: 25 Feb 2021 20:43

Instrument :
MSVOA_L
ClientSampleId :

Tot Ion: 69 Resp: 35617
Ion Ratio Lower Upper
69 100
41 196.3 126.5 189.7#
100 31.3 23.1 34.7

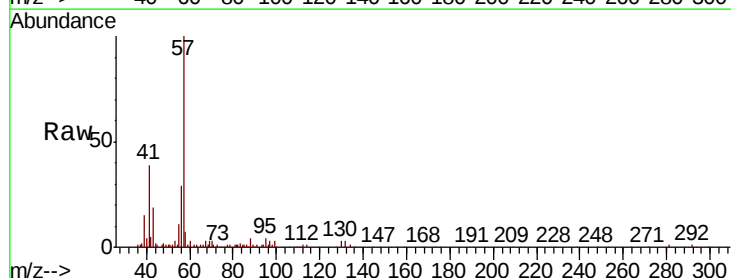


Abundance Ion 69.10 (68.80 to 69.80): VL0
Ion 41.10 (40.80 to 41.80): VL0
Ion 100.10 (99.80 to 100.80): VL0

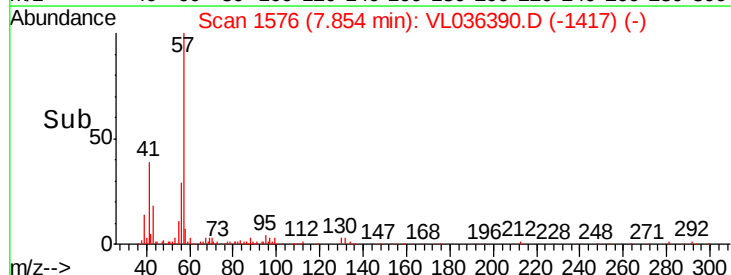
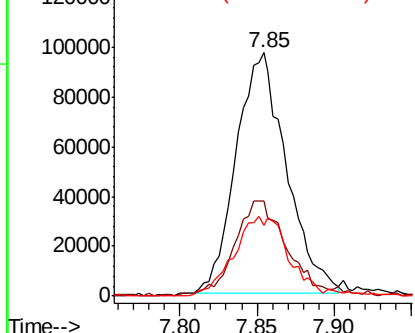


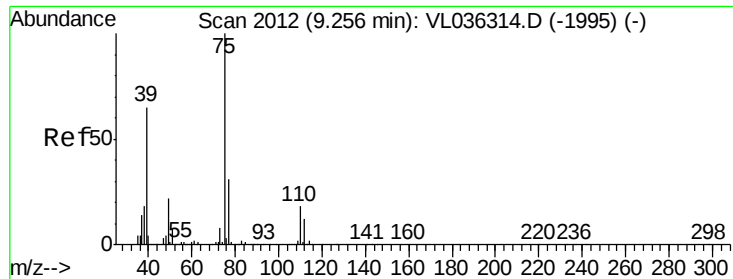
#44
2,2,4-Trimethylpentane
Concen: 0.435 ppbv
RT: 7.85 min Scan# 1576
Delta R.T. 0.01 min
Lab File: VL036390.D
Acq: 25 Feb 2021 20:43

Tgt Ion: 57 Resp: 219684
Ion Ratio Lower Upper
57 100
41 42.8 28.8 43.2
56 36.9 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

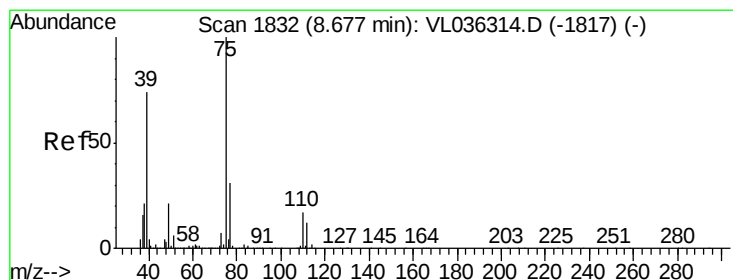
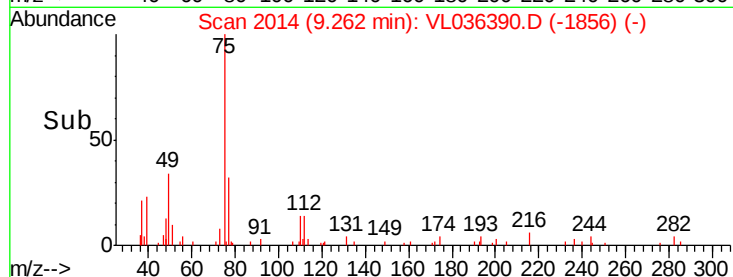
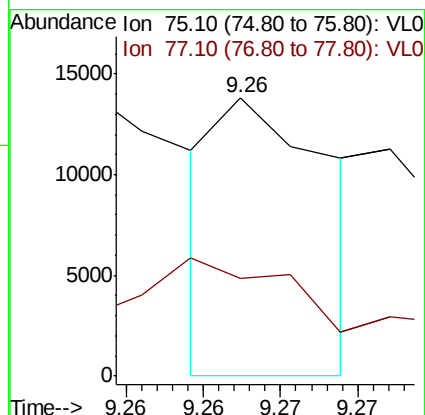
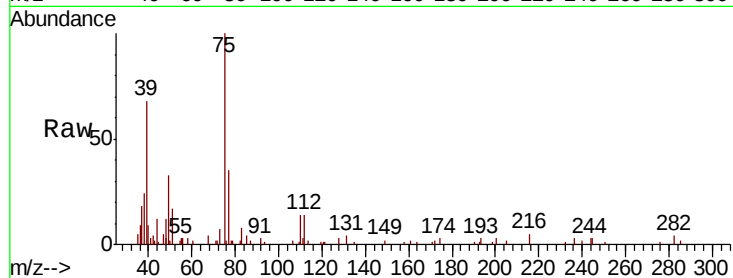




#45
t-1,3-Dichloropropene
Concen: 0.061 ppbv
RT: 9.26 min Scan# 2014
Delta R.T. 0.01 min
Lab File: VL036390.D
Acq: 25 Feb 2021 20:43

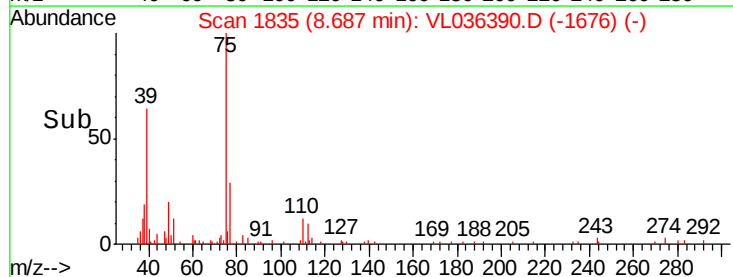
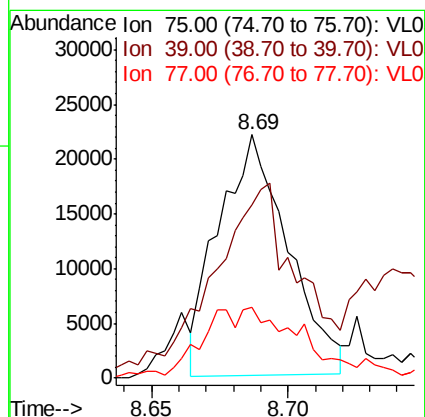
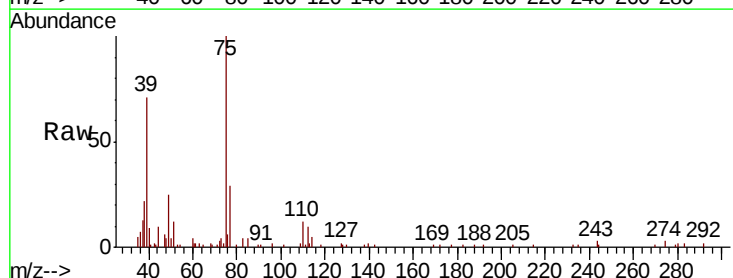
Instrument :
MSVOA_L
ClientSampleId :

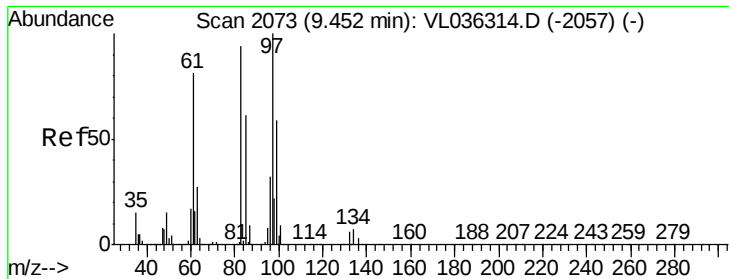
Tot Ion: 75 Resp: 6939
Ion Ratio Lower Upper
75 100
77 35.2 24.6 37.0



#46
cis-1,3-Dichloropropene
Concen: 0.273 ppbv
RT: 8.69 min Scan# 1835
Delta R.T. 0.01 min
Lab File: VL036390.D
Acq: 25 Feb 2021 20:43

Tgt Ion: 75 Resp: 39157
Ion Ratio Lower Upper
75 100
39 59.4 59.2 88.8
77 24.4 25.0 37.6#





#47

1,1,2-Trichloroethane

Concen: 0.259 ppbv

RT: 9.46 min Scan# 2075

Delta R.T. 0.01 min

Lab File: VL036390.D

Acq: 25 Feb 2021 20:43

Instrument :

MSVOA_L

ClientSampleId :

Tot Ion: 97 Resp: 29959

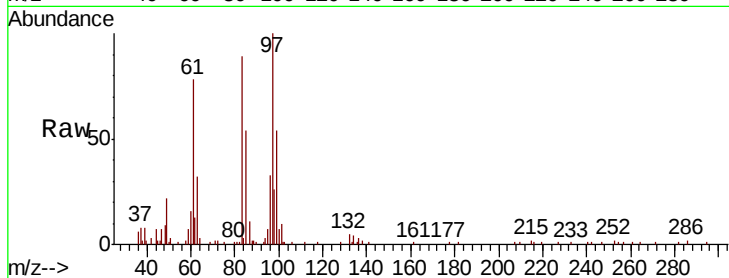
Ion Ratio Lower Upper

97 100

83 83.5 75.4 113.0

85 49.2 48.9 73.3

99 53.1 46.9 70.3

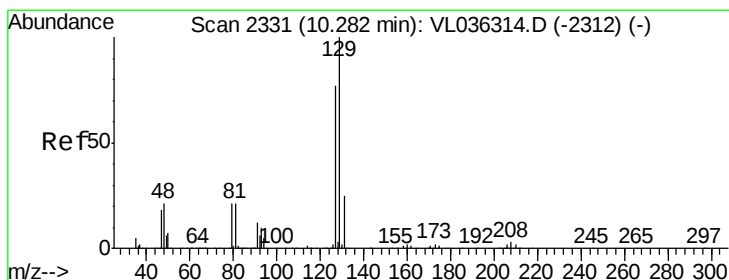
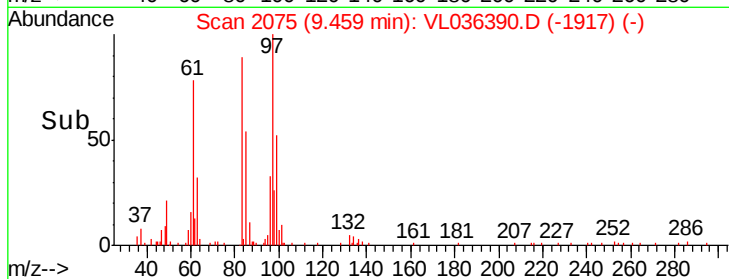
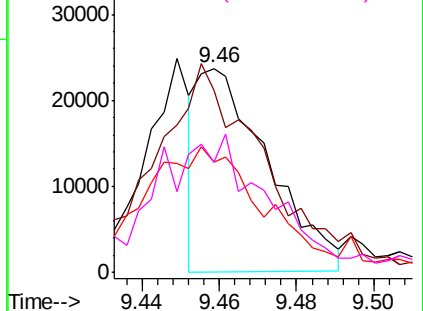


Abundance Ion 97.00 (96.70 to 97.70): VL0

Ion 83.00 (82.70 to 83.70): VL0

Ion 85.00 (84.70 to 85.70): VL0

Ion 99.00 (98.70 to 99.70): VL0



#48

Dibromochloromethane

Concen: 0.387 ppbv

RT: 10.29 min Scan# 2333

Delta R.T. 0.01 min

Lab File: VL036390.D

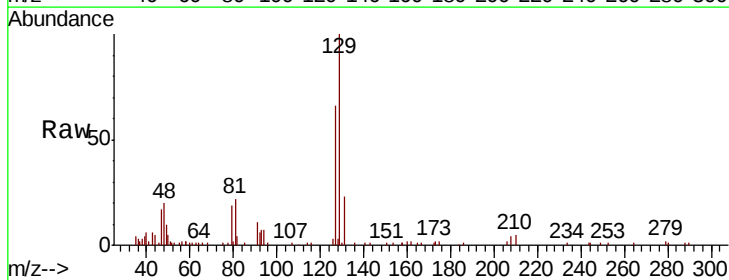
Acq: 25 Feb 2021 20:43

Tgt Ion: 129 Resp: 66713

Ion Ratio Lower Upper

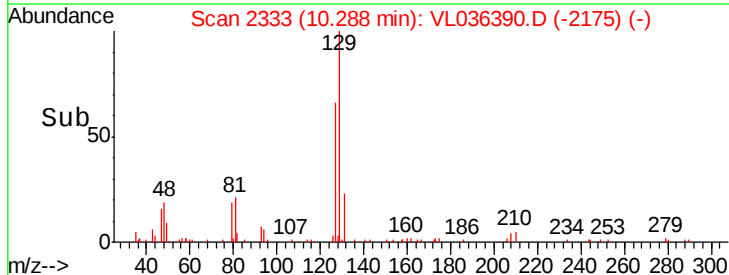
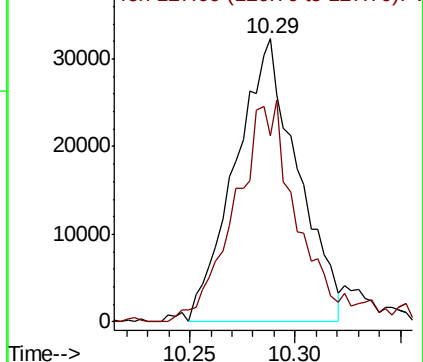
129 100

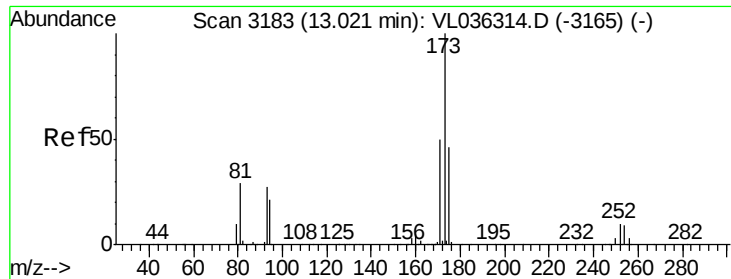
127 82.1 39.1 117.2



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V





#49

Bromoform

Concen: 0.260 ppbv

RT: 13.02 min Scan# 3184

Delta R.T. 0.00 min

Lab File: VL036390.D

Acq: 25 Feb 2021 20:43

Instrument :

MSVOA_L

ClientSampleId :

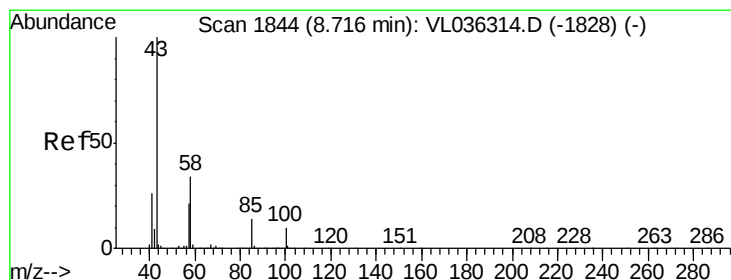
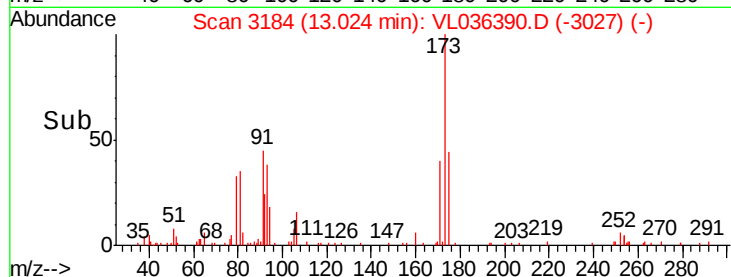
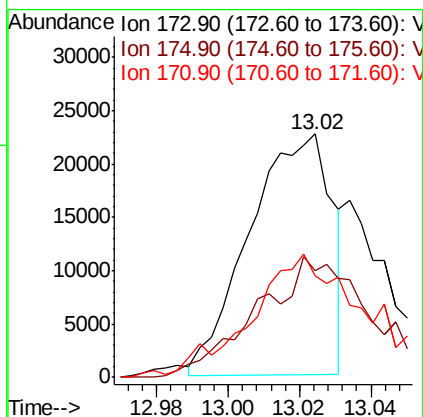
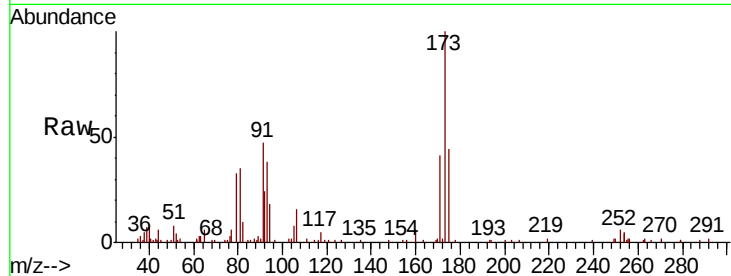
Tot Ion:173 Resp: 36216

Ion Ratio Lower Upper

173 100

175 75.1 40.2 60.2#

171 74.6 43.4 65.2#



#50

4-Methyl-2-Pentanone

Concen: 0.342 ppbv

RT: 8.74 min Scan# 1853

Delta R.T. 0.03 min

Lab File: VL036390.D

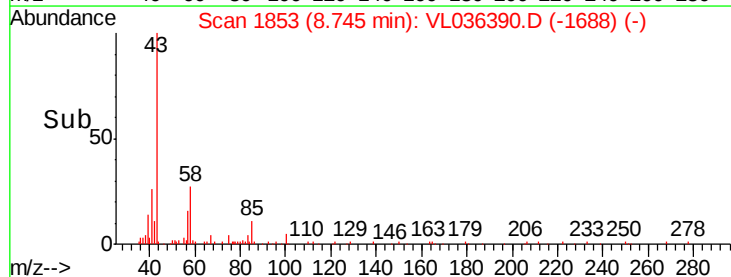
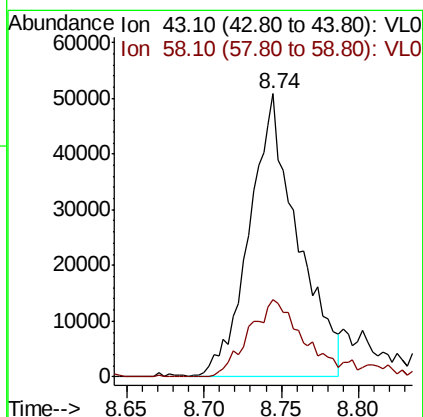
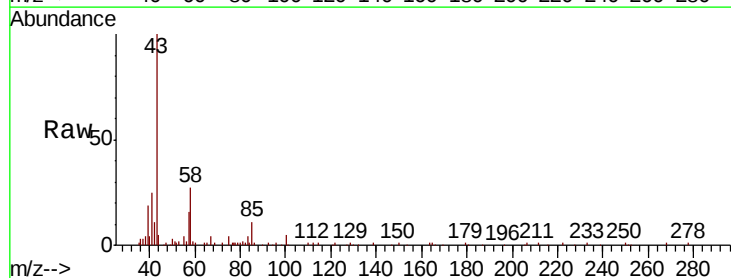
Acq: 25 Feb 2021 20:43

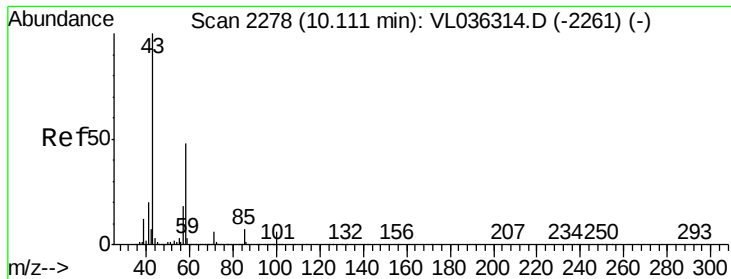
Tgt Ion: 43 Resp: 110192

Ion Ratio Lower Upper

43 100

58 36.5 27.8 41.6

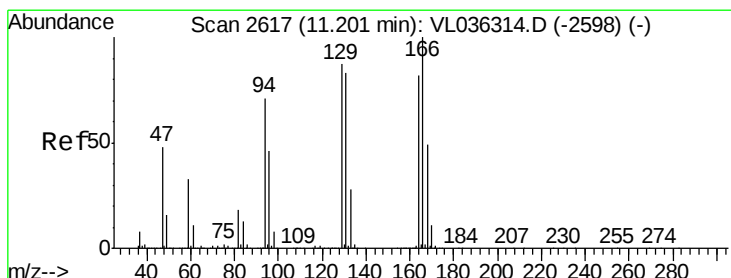
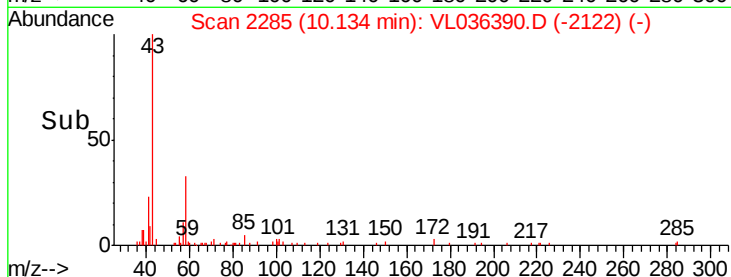
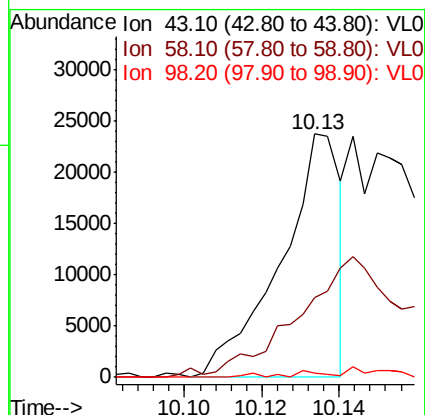
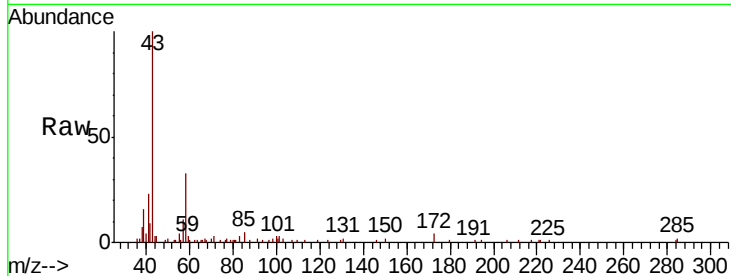




#51
2-Hexanone
Concen: 0.104 ppbv
RT: 10.13 min Scan# 2285
Delta R.T. 0.02 min
Lab File: VL036390.D
Acq: 25 Feb 2021 20:43

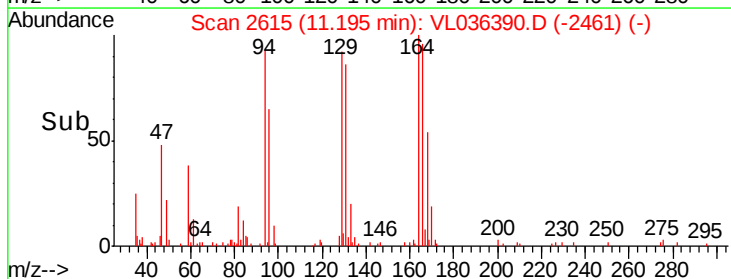
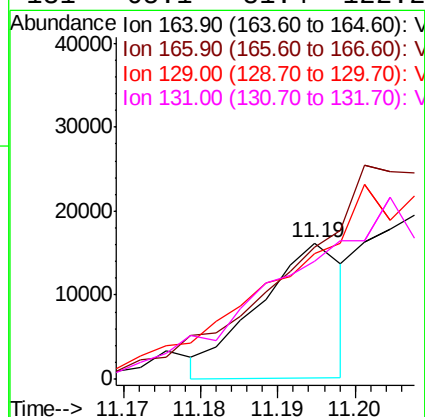
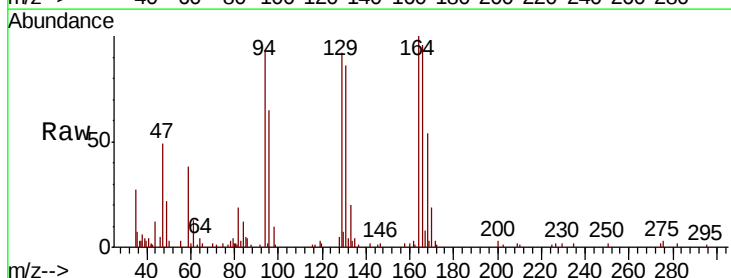
Instrument :
MSVOA_L
ClientSampleId :

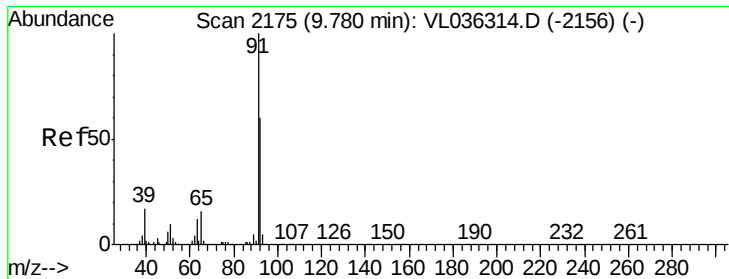
Tot Ion: 43 Resp: 25581
Ion Ratio Lower Upper
43 100
58 0.0 38.7 58.1#
98 0.0 0.4 0.6#



#52
Tetrachloroethene
Concen: 0.120 ppbv
RT: 11.19 min Scan# 2615
Delta R.T. -0.01 min
Lab File: VL036390.D
Acq: 25 Feb 2021 20:43

Tgt Ion: 164 Resp: 12216
Ion Ratio Lower Upper
164 100
166 76.3 97.8 146.8#
129 78.7 84.9 127.3#
131 65.1 81.4 122.2#





#53

Toluene

Concen: 0.345 ppbv

RT: 9.79 min Scan# 2178

Delta R.T. 0.01 min

Lab File: VL036390.D

Acq: 25 Feb 2021 20:43

Instrument :

MSVOA_L

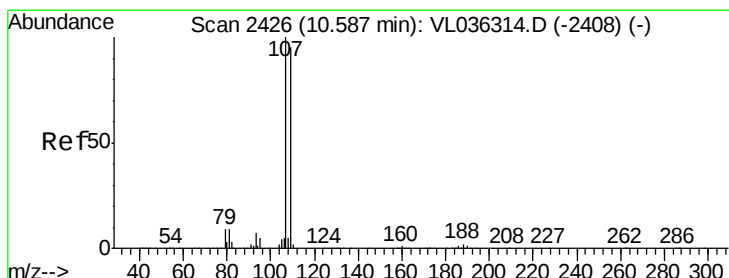
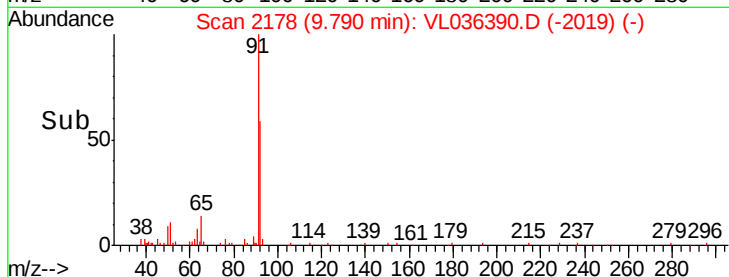
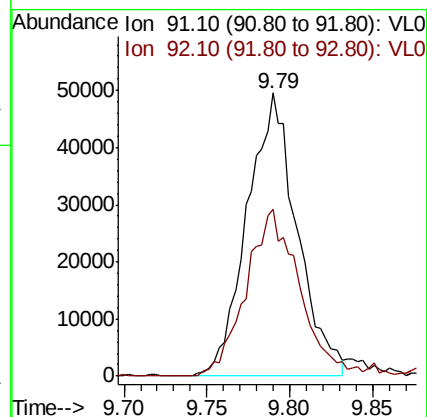
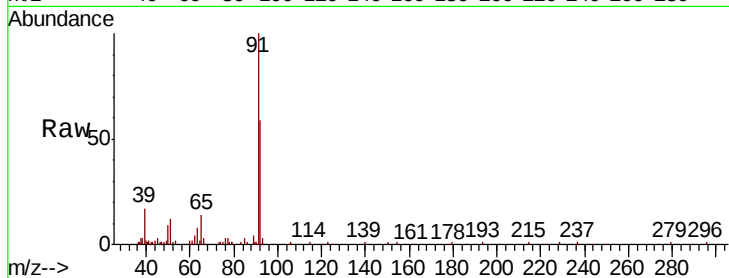
ClientSampleId :

Tot Ion: 91 Resp: 103695

Ion Ratio Lower Upper

91 100

92 64.5 48.6 72.8



#54

1,2-Dibromoethane

Concen: 0.248 ppbv

RT: 10.59 min Scan# 2427

Delta R.T. 0.00 min

Lab File: VL036390.D

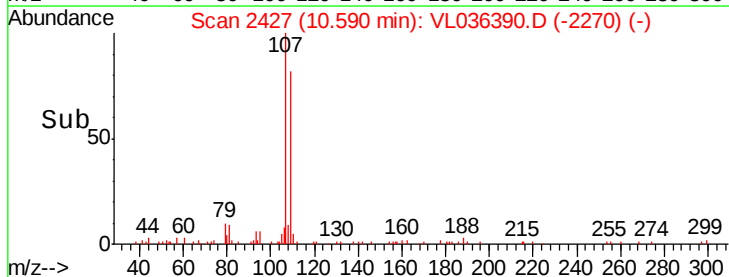
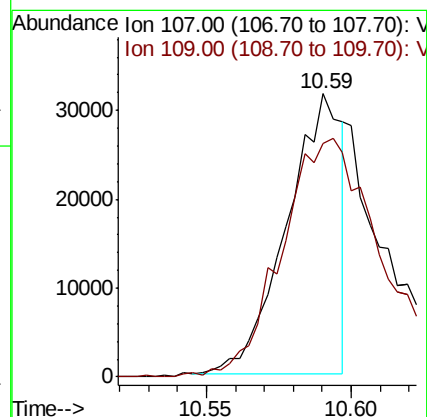
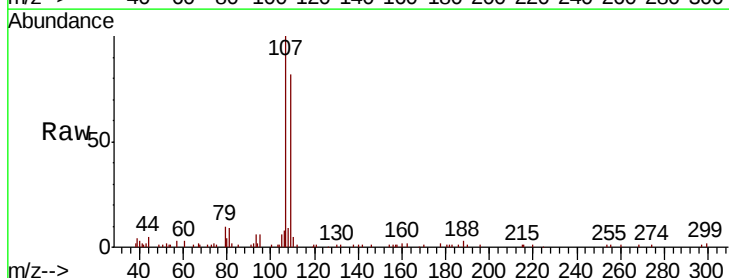
Acq: 25 Feb 2021 20:43

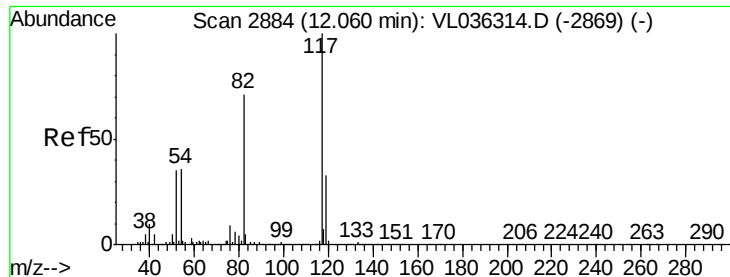
Tgt Ion: 107 Resp: 41311

Ion Ratio Lower Upper

107 100

109 81.9 76.0 114.0

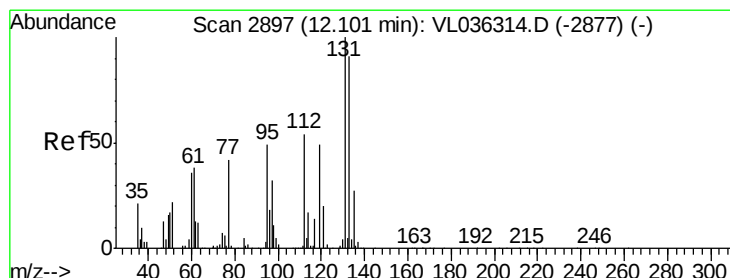
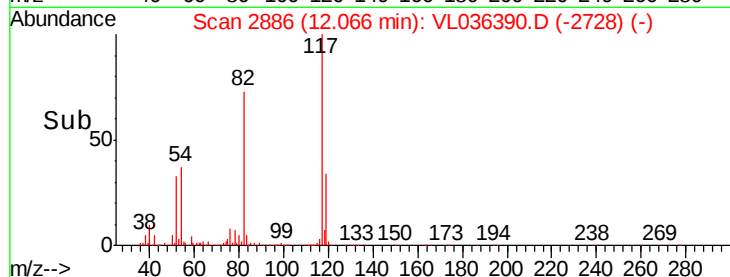
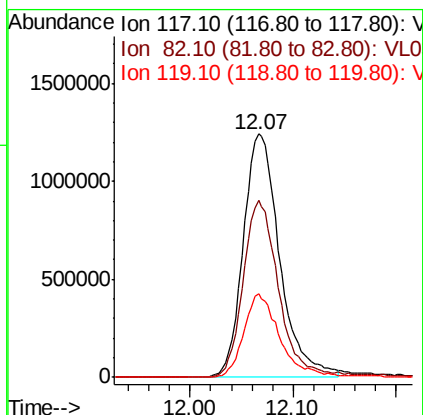
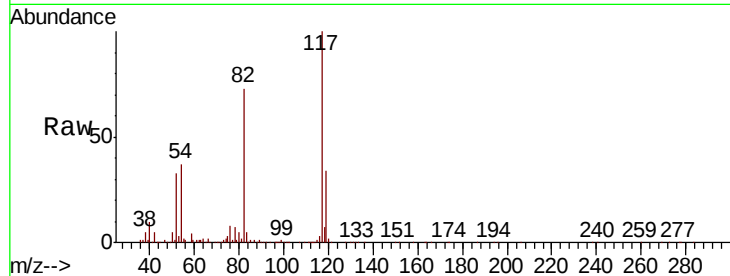




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.07 min Scan# 2886
Delta R.T. 0.01 min
Lab File: VL036390.D
Acq: 25 Feb 2021 20:43

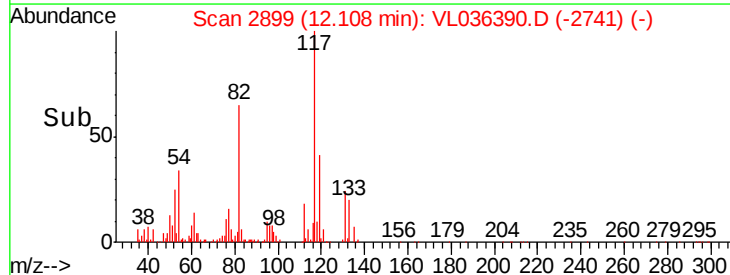
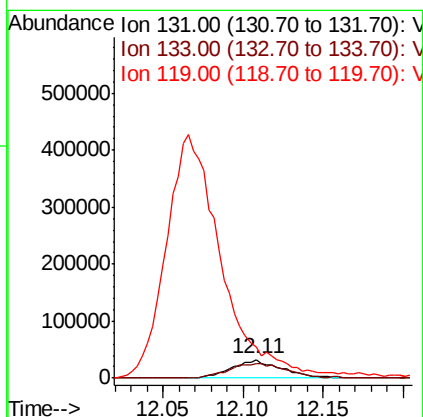
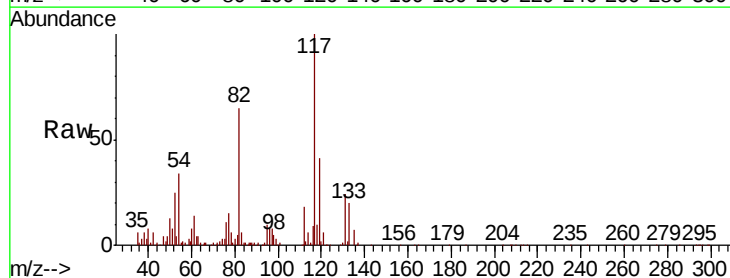
Instrument :
MSVOA_L
ClientSampleId :

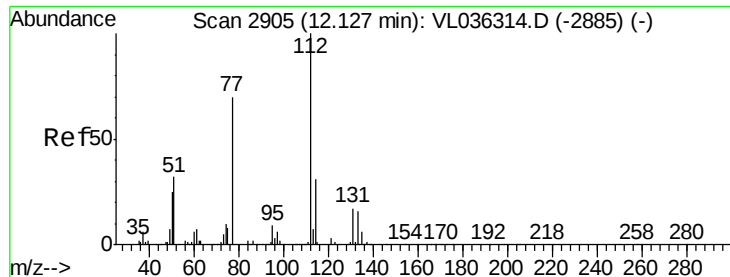
Tot Ion:117 Resp: 3045799
Ion Ratio Lower Upper
117 100
82 72.4 59.1 88.7
119 34.3 46.3 69.5#



#56
1,1,1,2-Tetrachloroethane
Concen: 0.471 ppbv
RT: 12.11 min Scan# 2899
Delta R.T. 0.01 min
Lab File: VL036390.D
Acq: 25 Feb 2021 20:43

Tgt Ion:131 Resp: 65916
Ion Ratio Lower Upper
131 100
133 99.0 76.0 114.0
119 1593.2 115.1 172.7#





#57

Chlorobenzene

Concen: 0.498 ppbv

RT: 12.13 min Scan# 2905

Delta R.T. 0.00 min

Lab File: VL036390.D

Acq: 25 Feb 2021 20:43

Instrument :

MSVOA_L

ClientSampleId :

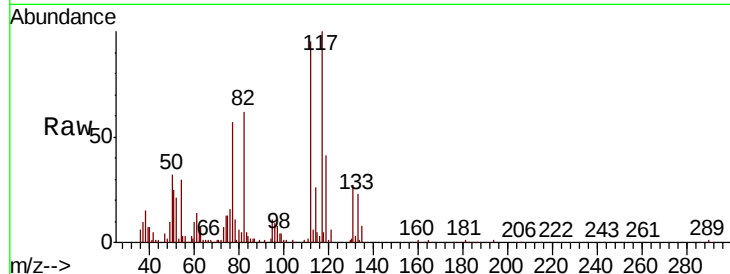
Tot Ion: 112 Resp: 117180

Ion Ratio Lower Upper

112 100

77 56.3 56.1 84.1

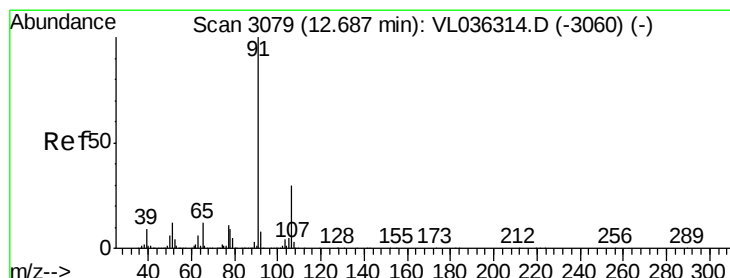
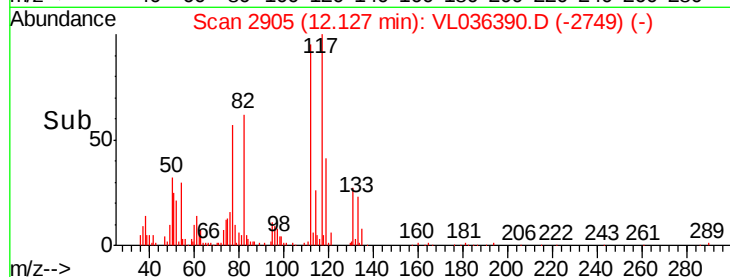
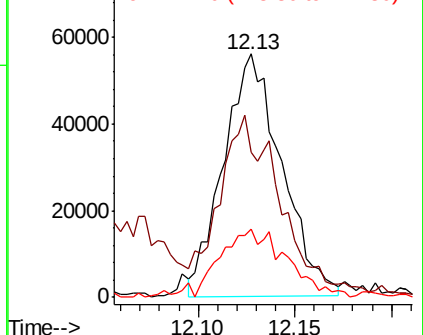
114 26.1 28.3 34.5#



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: 0.178 ppbv

RT: 12.70 min Scan# 3082

Delta R.T. 0.01 min

Lab File: VL036390.D

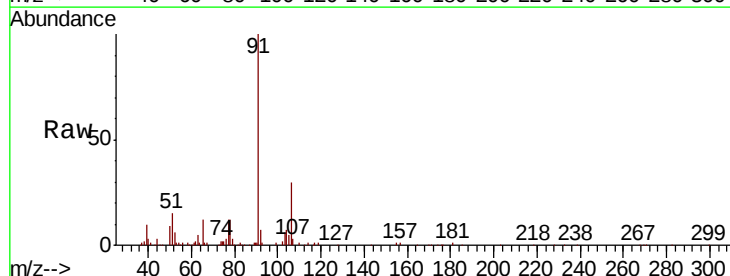
Acq: 25 Feb 2021 20:43

Tgt Ion: 91 Resp: 74326

Ion Ratio Lower Upper

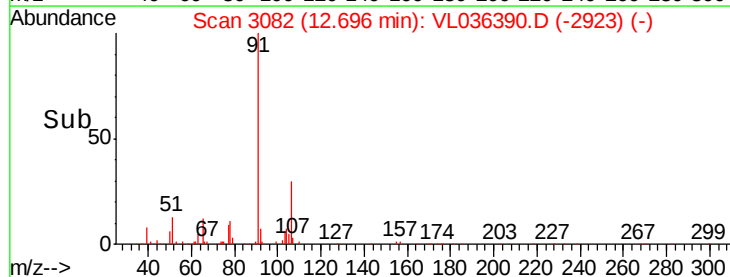
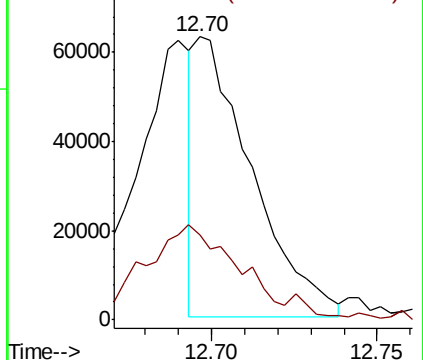
91 100

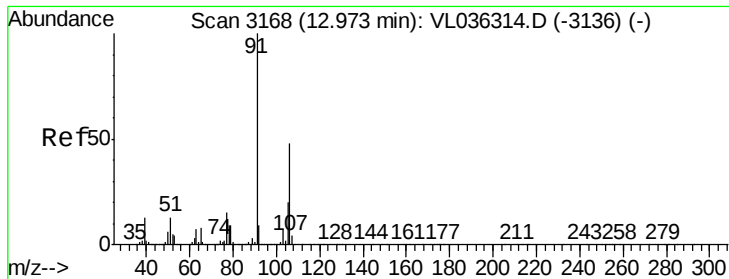
106 30.1 23.8 35.6



Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 106.10 (105.80 to 106.80): V

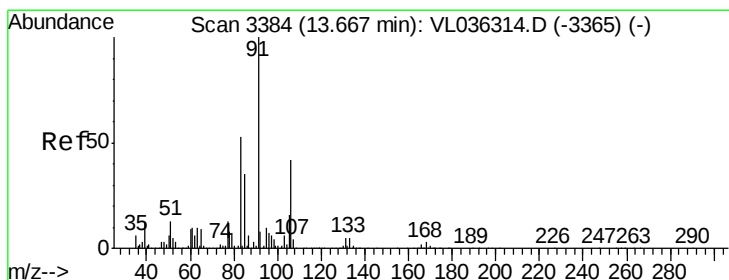
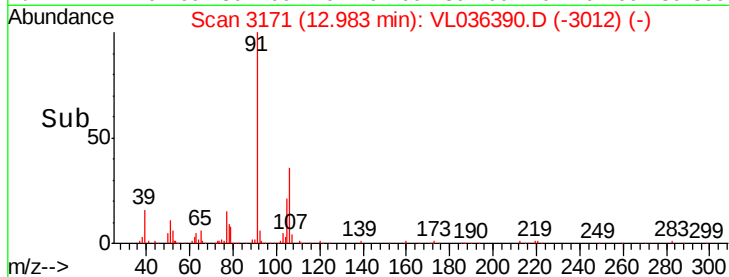
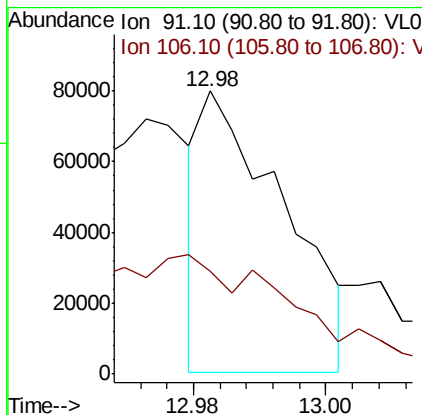
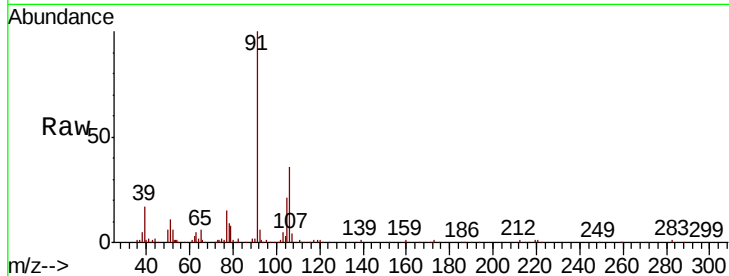




#59
m/p-Xylene
Concen: 0.188 ppbv
RT: 12.98 min Scan# 3171
Delta R.T. 0.01 min
Lab File: VL036390.D
Acq: 25 Feb 2021 20:43

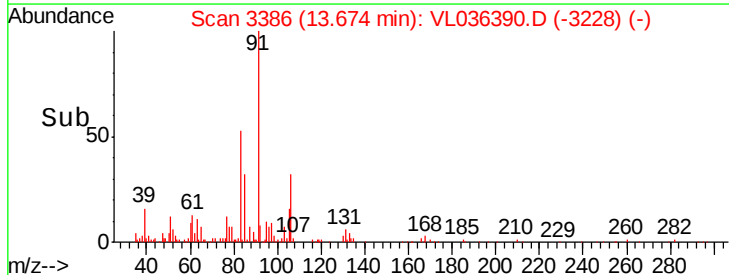
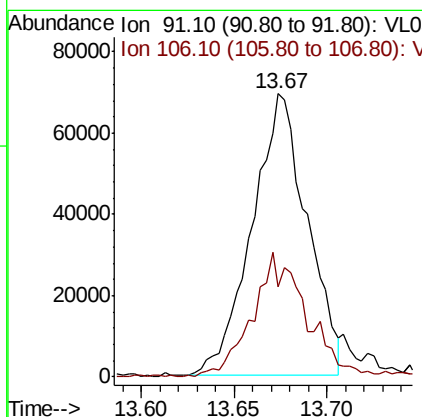
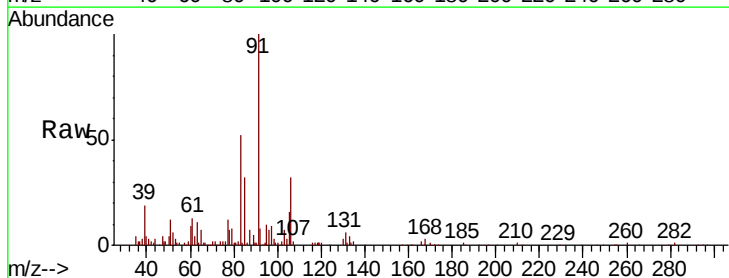
Instrument :
MSVOA_L
ClientSampled :

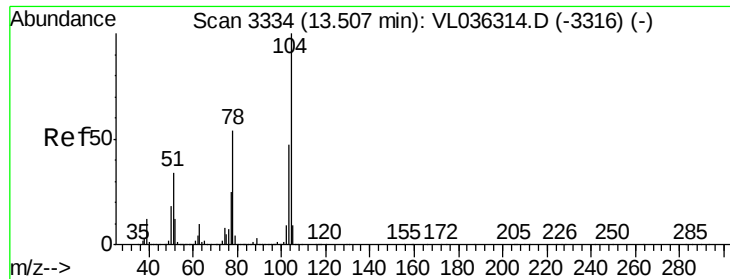
Tot Ion: 91 Resp: 68933
Ion Ratio Lower Upper
91 100
106 173.8 34.2 51.2#



#60
o-Xylene
Concen: 0.412 ppbv
RT: 13.67 min Scan# 3386
Delta R.T. 0.01 min
Lab File: VL036390.D
Acq: 25 Feb 2021 20:43

Tgt Ion: 91 Resp: 144135
Ion Ratio Lower Upper
91 100
106 42.2 22.0 66.0

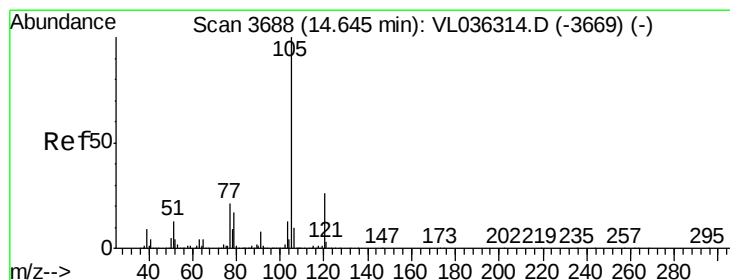
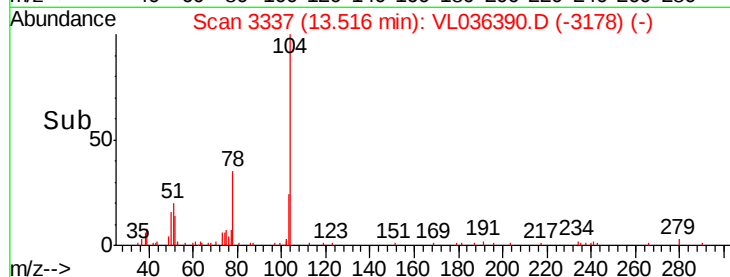
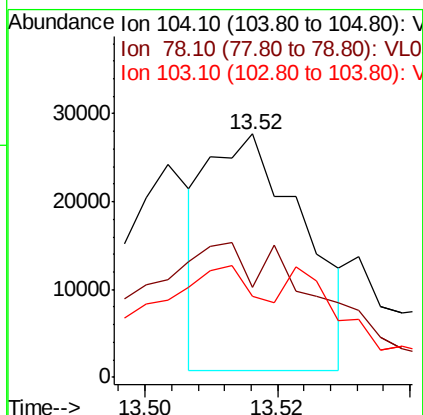
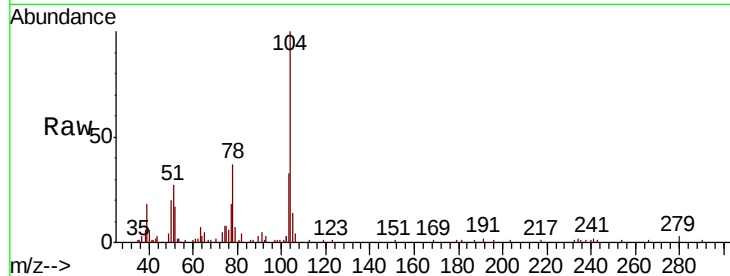




#61
Stvrene
Concen: 0.125 ppbv
RT: 13.52 min Scan# 3337
Delta R.T. 0.01 min
Lab File: VL036390.D
Acq: 25 Feb 2021 20:43

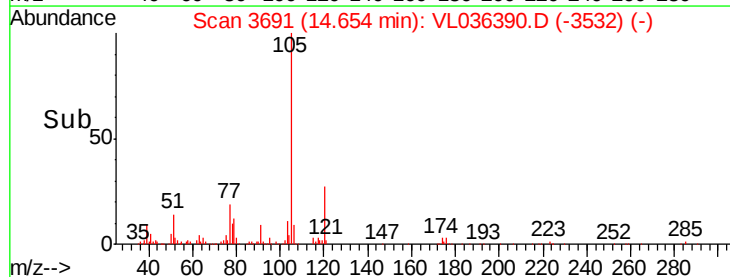
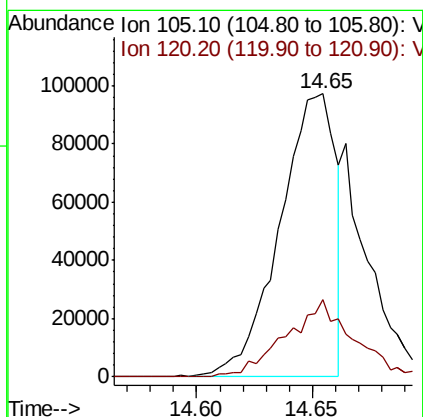
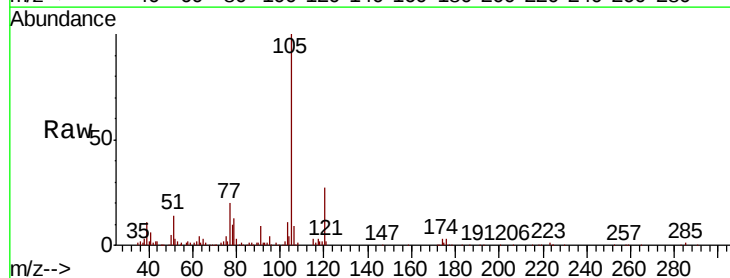
Instrument :
MSVOA_L
ClientSampled :

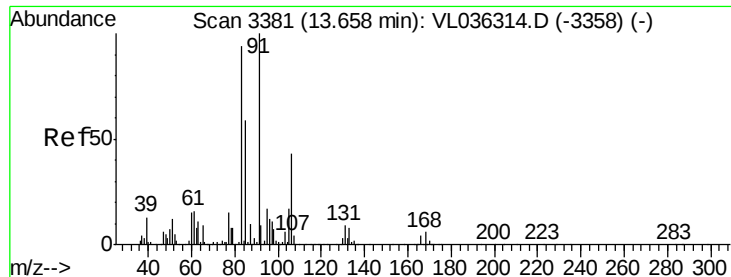
Tot Ion:104 Resp: 27048
Ion Ratio Lower Upper
104 100
78 140.1 46.2 69.2#
103 122.5 38.3 57.5#



#62
Isopropylbenzene
Concen: 0.309 ppbv
RT: 14.65 min Scan# 3691
Delta R.T. 0.01 min
Lab File: VL036390.D
Acq: 25 Feb 2021 20:43

Tgt Ion:105 Resp: 162453
Ion Ratio Lower Upper
105 100
120 34.0 20.6 30.8#





#63

1,1,2,2-Tetrachloroethane

Concen: 0.441 ppbv

RT: 13.66 min Scan# 3381

Delta R.T. 0.00 min

Lab File: VL036390.D

Acq: 25 Feb 2021 20:43

Instrument :

MSVOA_L

ClientSampleId :

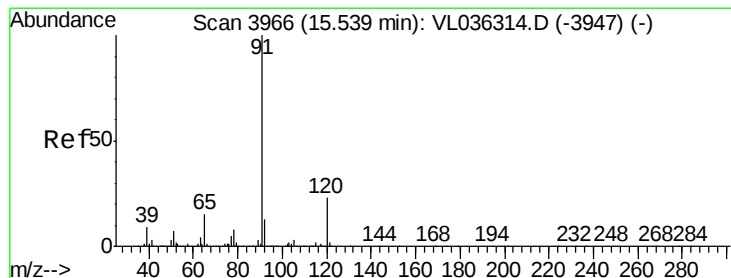
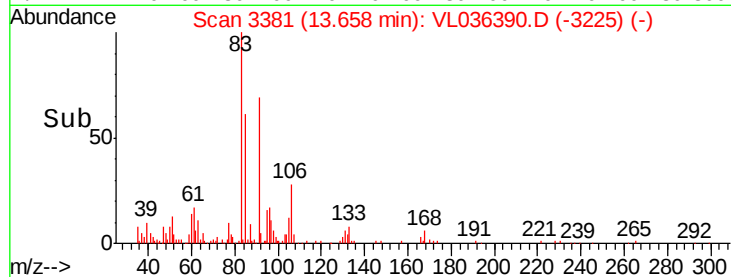
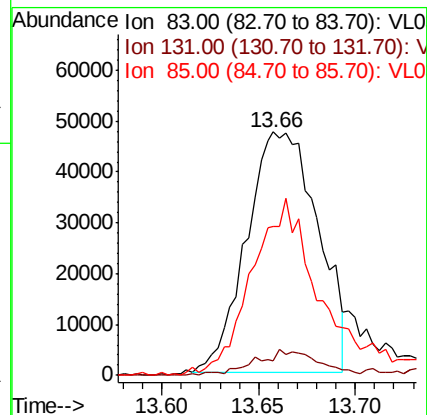
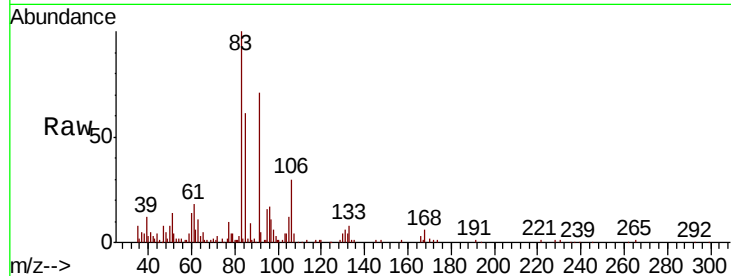
Tot Ion: 83 Resp: 121948

Ion Ratio Lower Upper

83 100

131 10.8 4.7 14.0

85 77.1 33.0 98.9



#64

n-propylbenzene

Concen: 0.189 ppbv

RT: 15.55 min Scan# 3969

Delta R.T. 0.01 min

Lab File: VL036390.D

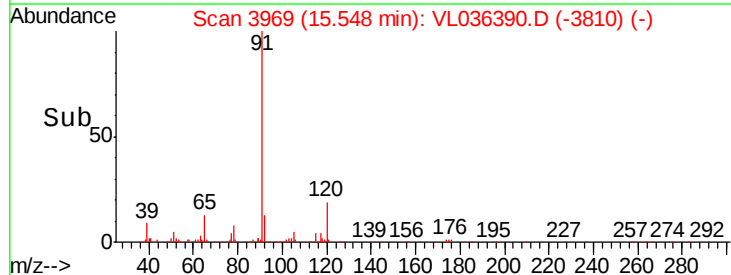
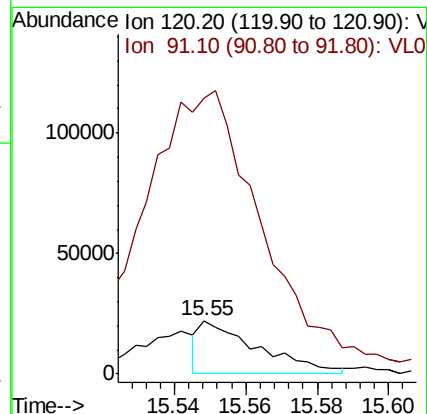
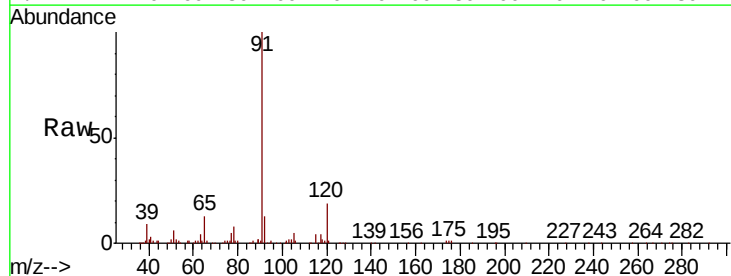
Acq: 25 Feb 2021 20:43

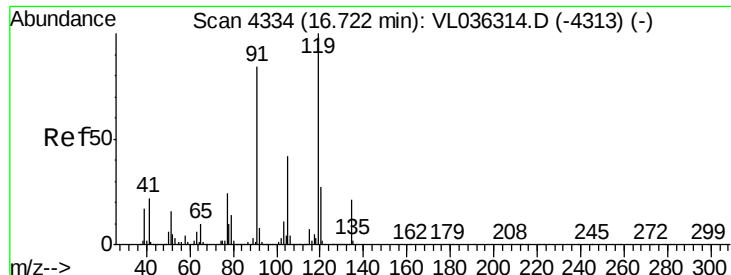
Tgt Ion: 120 Resp: 24394

Ion Ratio Lower Upper

120 100

91 1229.4 387.2 580.8#





#65

tert-Butylbenzene

Concen: 0.368 ppbv

RT: 16.73 min Scan# 4337

Delta R.T. 0.01 min

Lab File: VL036390.D

Acq: 25 Feb 2021 20:43

Instrument :

MSVOA_L

ClientSampleId :

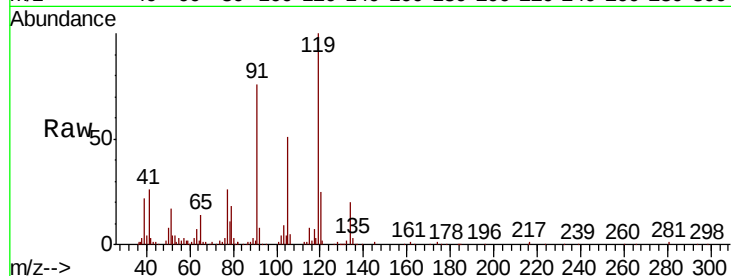
Tot Ion:119 Resp: 165316

Ion Ratio Lower Upper

119 100

91 105.6 70.5 105.7

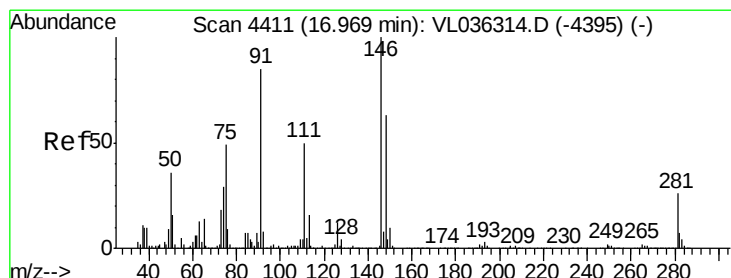
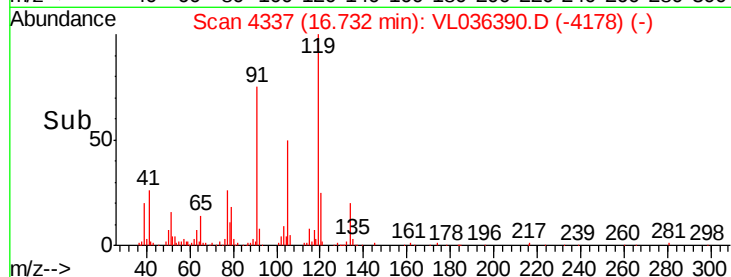
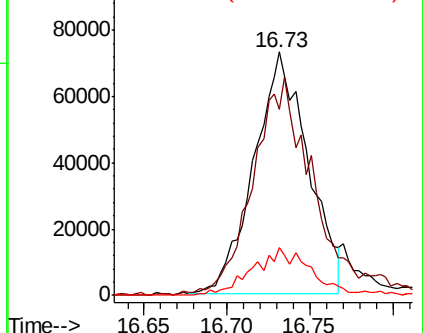
134 21.8 15.8 23.8



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: 0.176 ppbv

RT: 16.98 min Scan# 4413

Delta R.T. 0.01 min

Lab File: VL036390.D

Acq: 25 Feb 2021 20:43

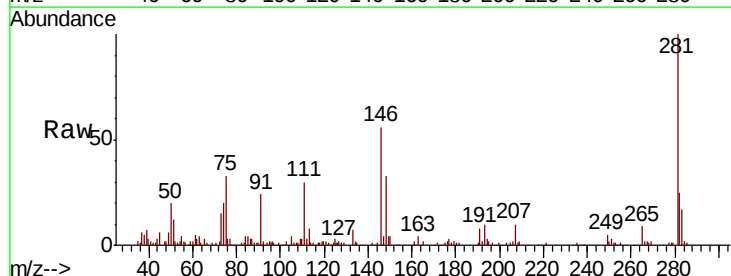
Tgt Ion: 91 Resp: 21544

Ion Ratio Lower Upper

91 100

126 0.0 12.9 19.3#

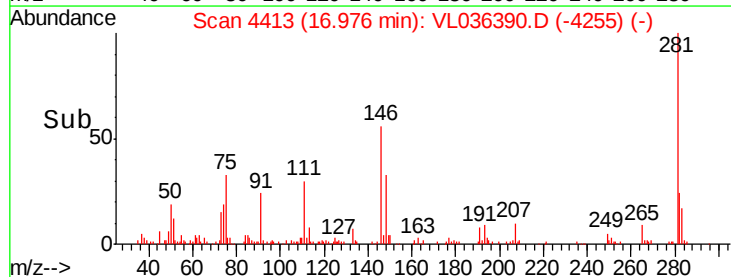
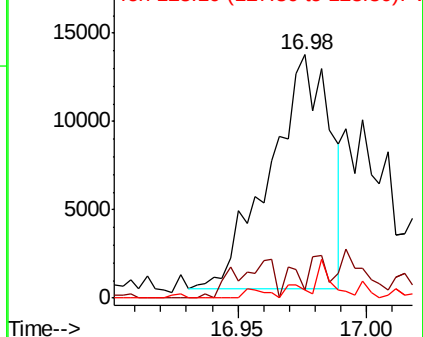
128 3.4 4.2 6.2#

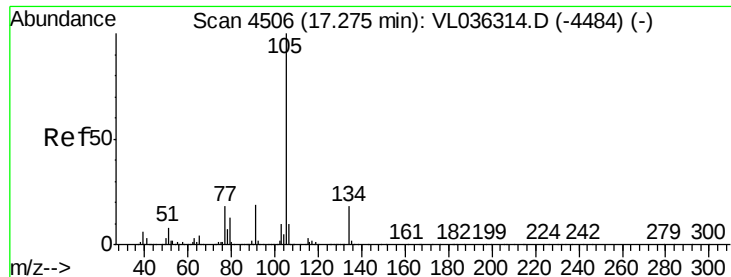


Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 126.10 (125.80 to 126.80): V

Ion 128.10 (127.80 to 128.80): V

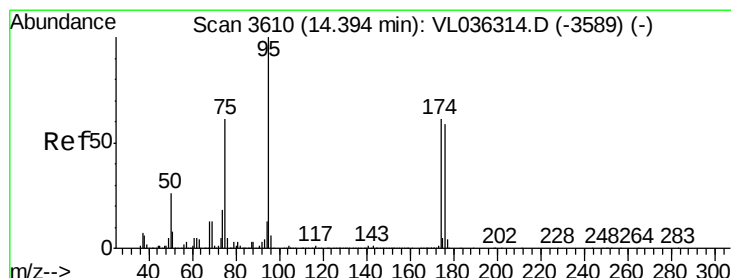
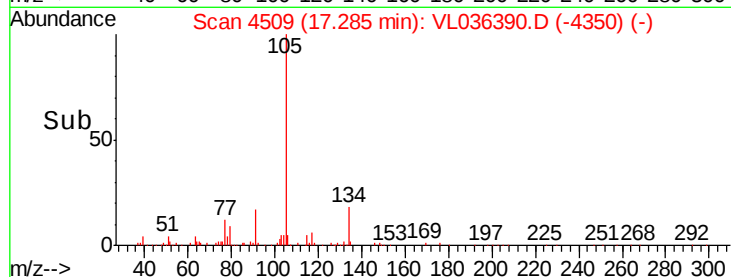
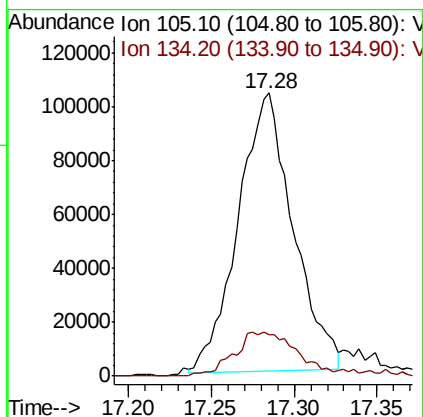
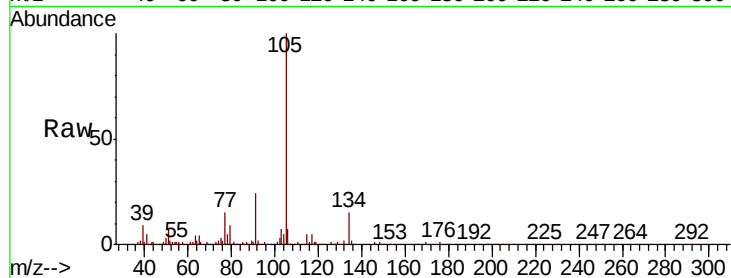




#67
 sec-Butylbenzene
 Concen: 0.368 ppbv
 RT: 17.28 min Scan# 4509
 Delta R.T. 0.01 min
 Lab File: VL036390.D
 Acq: 25 Feb 2021 20:43

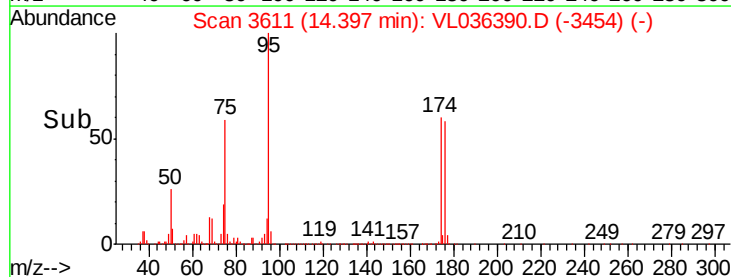
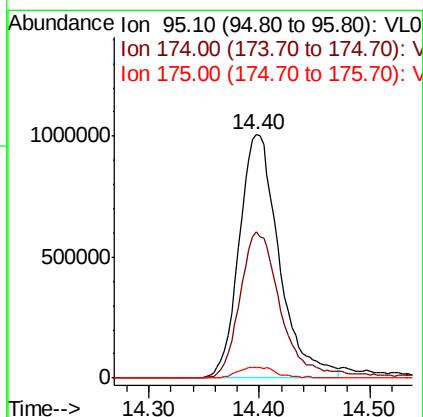
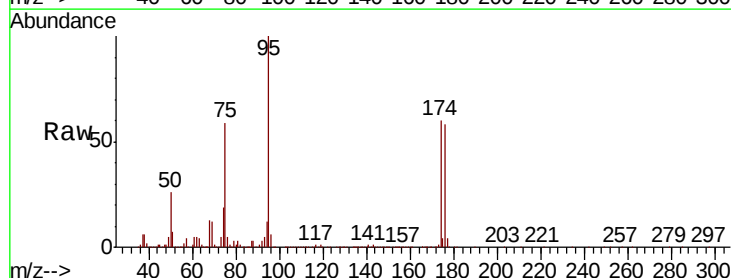
Instrument :
 MSVOA_L
 ClientSampled :

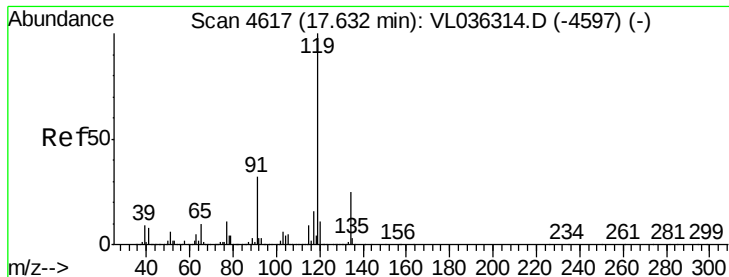
Tot Ion: 105 Resp: 238673
 Ion Ratio Lower Upper
 105 100
 134 19.9 14.2 21.4



#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.070 ppbv
 RT: 14.40 min Scan# 3611
 Delta R.T. 0.00 min
 Lab File: VL036390.D
 Acq: 25 Feb 2021 20:43

Tgt Ion: 95 Resp: 2523460
 Ion Ratio Lower Upper
 95 100
 174 63.9 49.8 74.6
 175 4.7 3.7 5.5

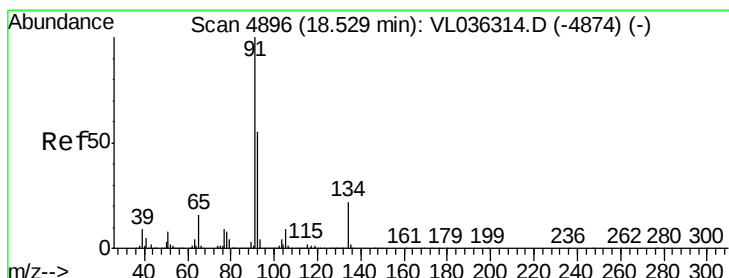
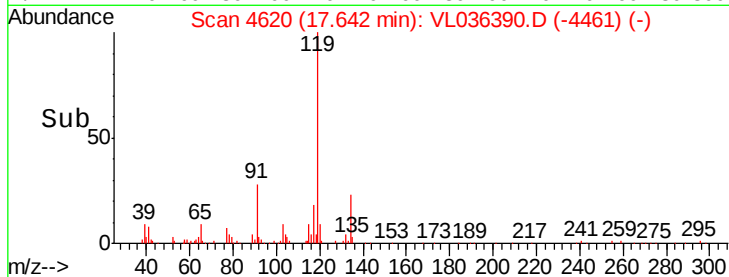
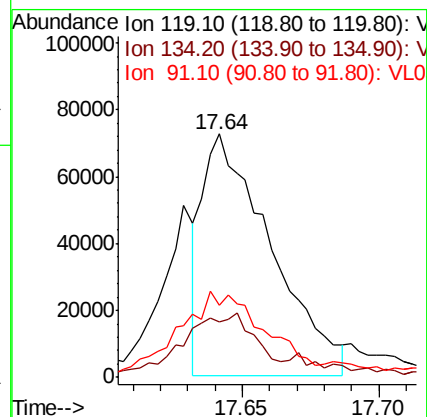
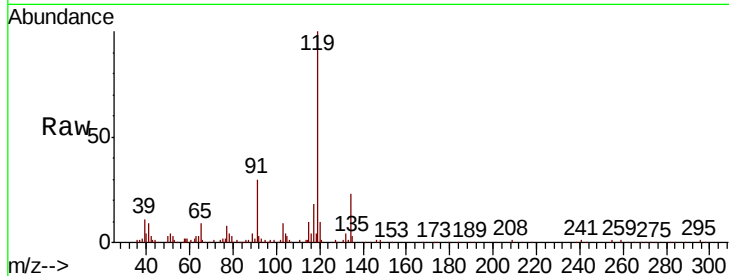




#69
 p-Isopropyltoluene
 Concen: 0.251 ppbv
 RT: 17.64 min Scan# 4620
 Delta R.T. 0.01 min
 Lab File: VL036390.D
 Acq: 25 Feb 2021 20:43

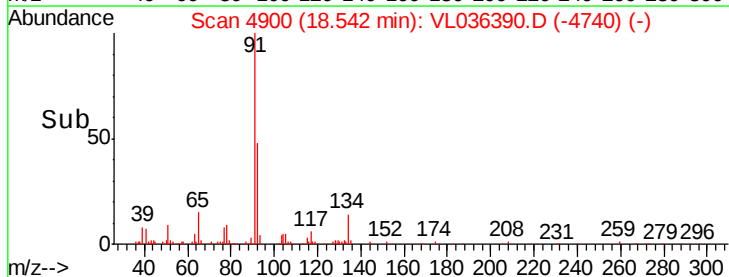
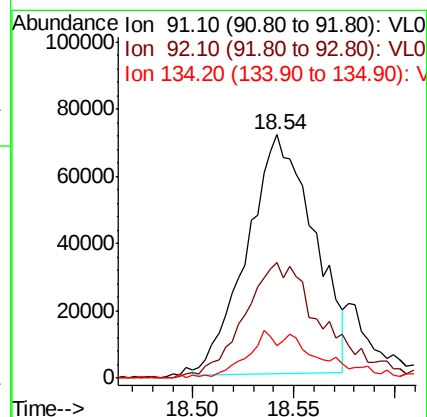
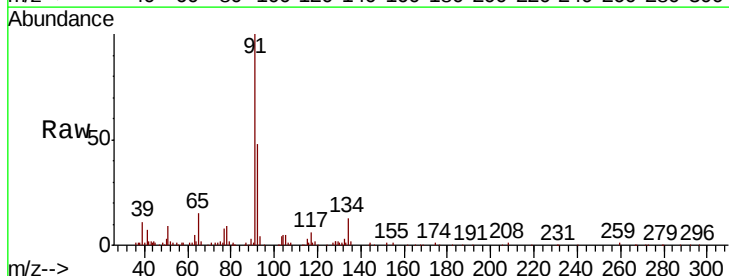
Instrument :
 MSVOA_L
 ClientSampleId :

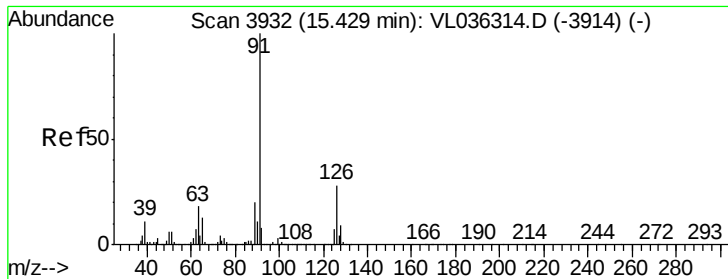
Tot Ion	Ratio	Lower	Upper
119	100		
134	36.9	20.1	30.1#
91	55.5	25.8	38.6#



#70
 n-Butylbenzene
 Concen: 0.306 ppbv
 RT: 18.54 min Scan# 4900
 Delta R.T. 0.01 min
 Lab File: VL036390.D
 Acq: 25 Feb 2021 20:43

Tgt Ion	Ratio	Lower	Upper
91	100		
92	59.6	43.7	65.5
134	21.5	17.4	26.0





#71

2-Chlorotoluene

Concen: 0.385 ppbv

RT: 15.44 min Scan# 3935

Delta R.T. 0.01 min

Lab File: VL036390.D

Acq: 25 Feb 2021 20:43

Instrument :

MSVOA_L

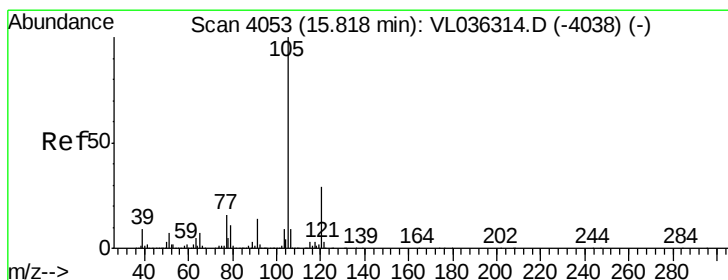
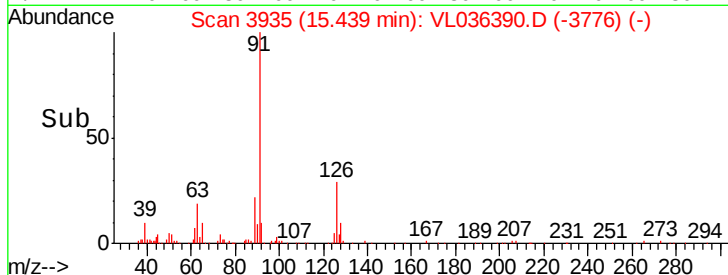
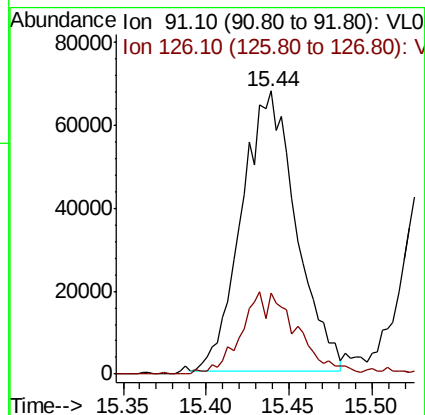
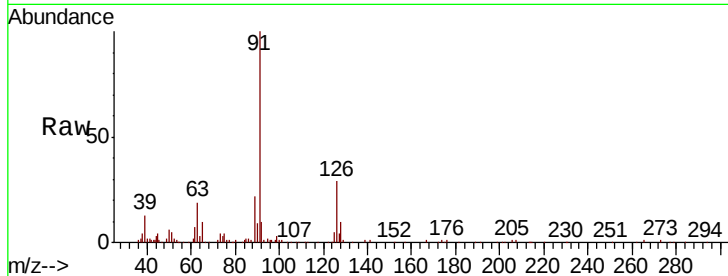
ClientSampleId :

Tot Ion: 91 Resp: 154876

Ion Ratio Lower Upper

91 100

126 31.3 11.5 46.1



#72

4-Ethyltoluene

Concen: 0.363 ppbv

RT: 15.83 min Scan# 4056

Delta R.T. 0.01 min

Lab File: VL036390.D

Acq: 25 Feb 2021 20:43

Tgt Ion: 105 Resp: 141443

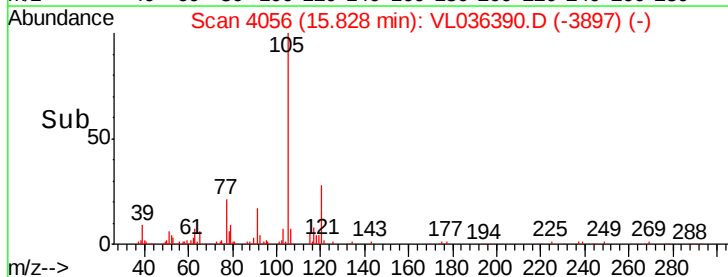
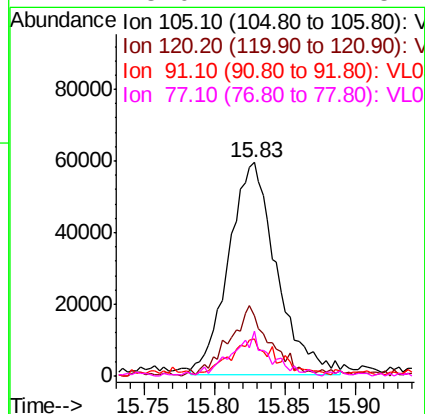
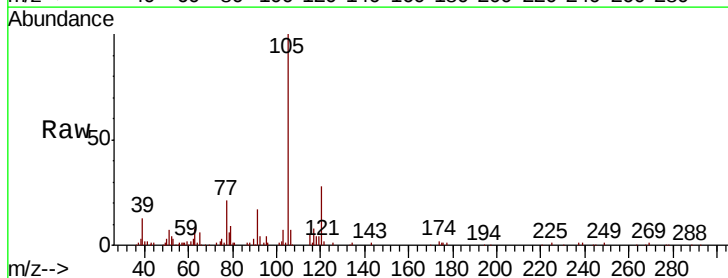
Ion Ratio Lower Upper

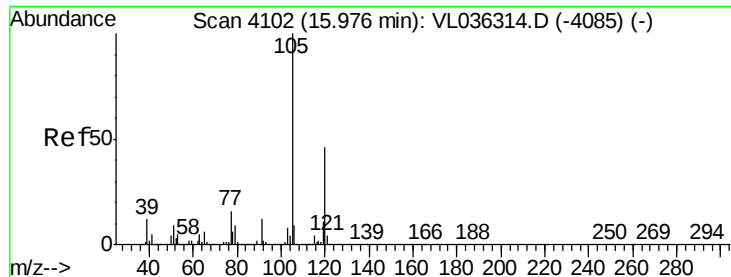
105 100

120 30.3 23.2 34.8

91 15.7 11.0 16.4

77 18.0 12.2 18.4





#73

1,3,5-Trimethylbenzene

Concen: 0.339 ppbv

RT: 15.99 min Scan# 4105

Delta R.T. 0.01 min

Lab File: VL036390.D

Acq: 25 Feb 2021 20:43

Instrument :

MSVOA_L

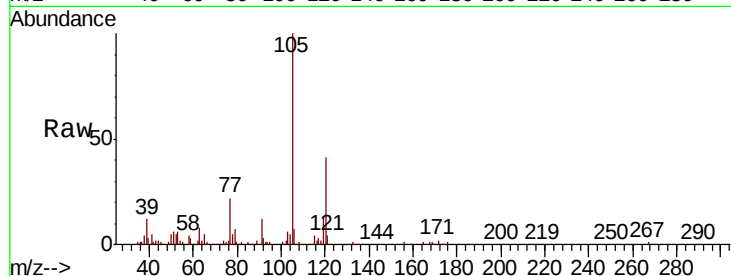
ClientSampleId :

Tot Ion:105 Resp: 128195

Ion Ratio Lower Upper

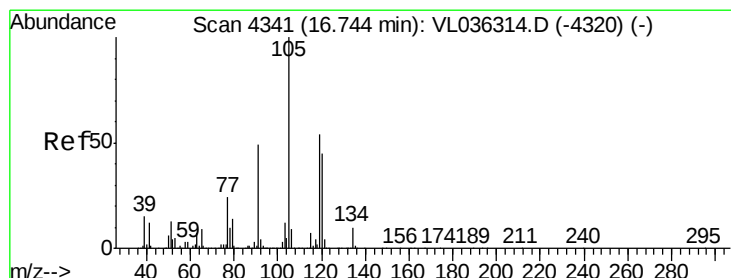
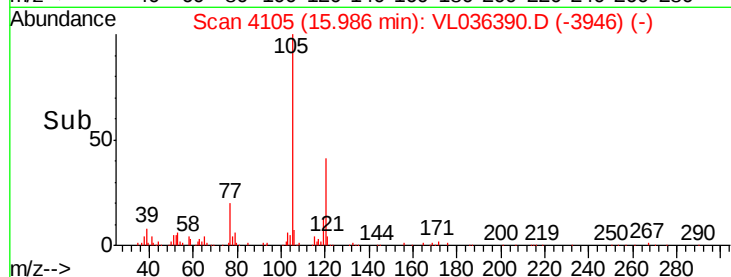
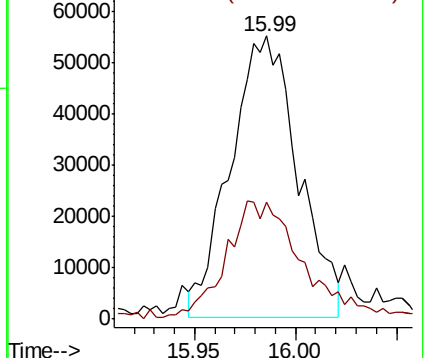
105 100

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: 0.379 ppbv

RT: 16.74 min Scan# 4341

Delta R.T. 0.00 min

Lab File: VL036390.D

Acq: 25 Feb 2021 20:43

Tgt Ion:105 Resp: 146200

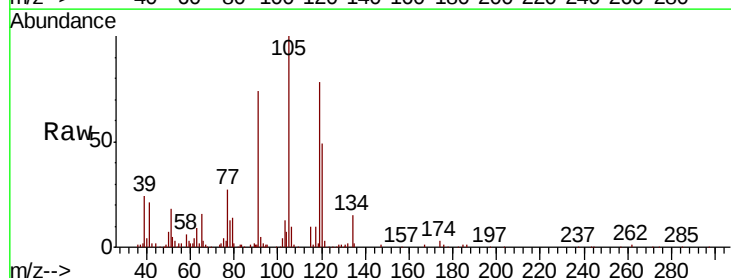
Ion Ratio Lower Upper

105 100

120 49.3 35.8 53.6

91 71.2 39.8 59.6#

77 26.7 19.1 28.7

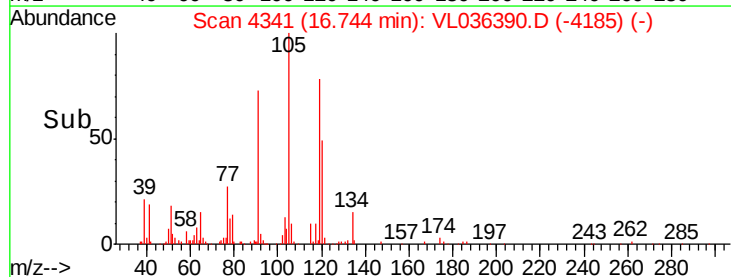
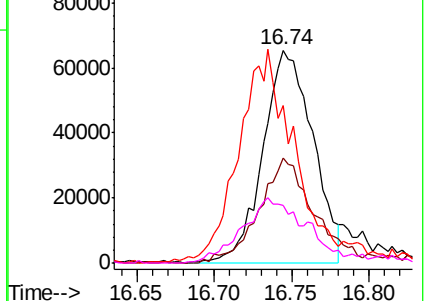


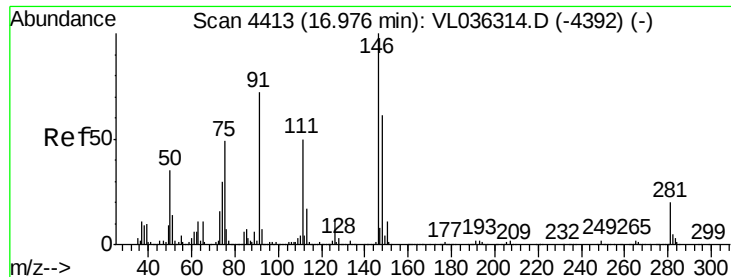
Abundance Ion 105.10 (104.80 to 105.80): V

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

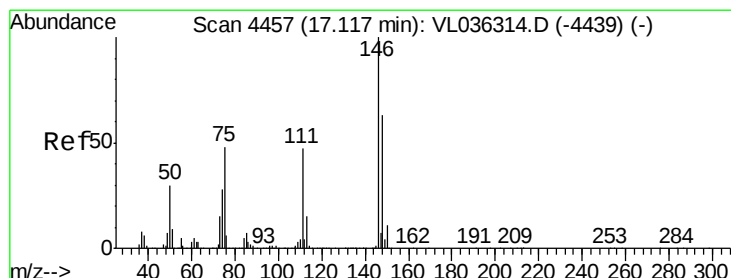
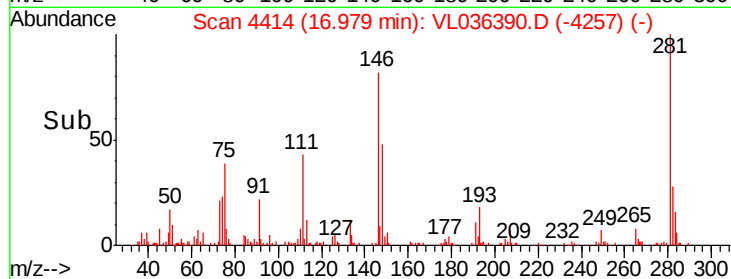
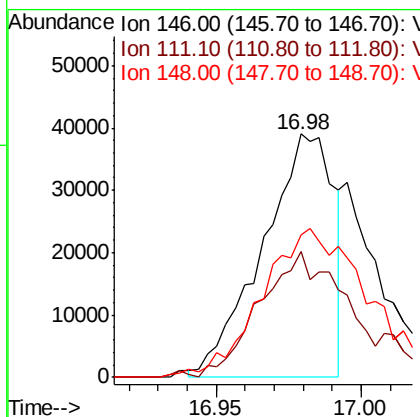
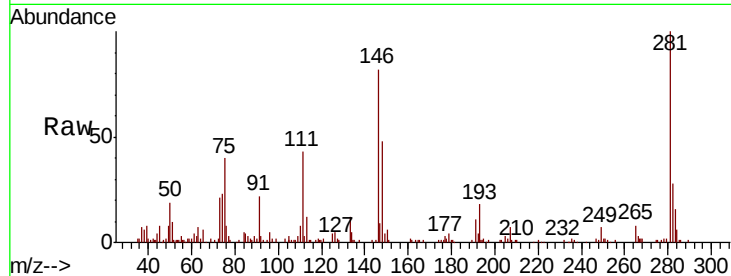




#75
 1,3-Dichlorobenzene
 Concen: 0.316 ppbv
 RT: 16.98 min Scan# 4414
 Delta R.T. 0.00 min
 Lab File: VL036390.D
 Acq: 25 Feb 2021 20:43

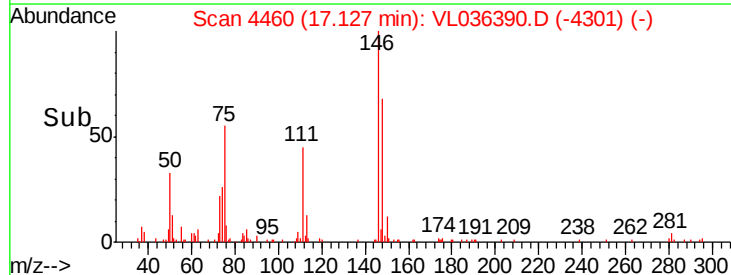
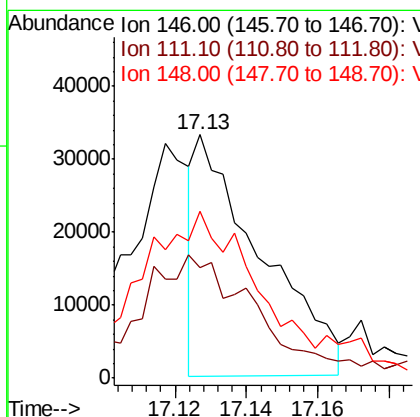
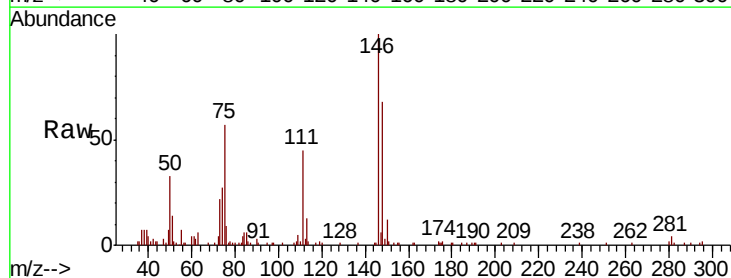
Instrument :
 MSVOA_L
 ClientSampled :

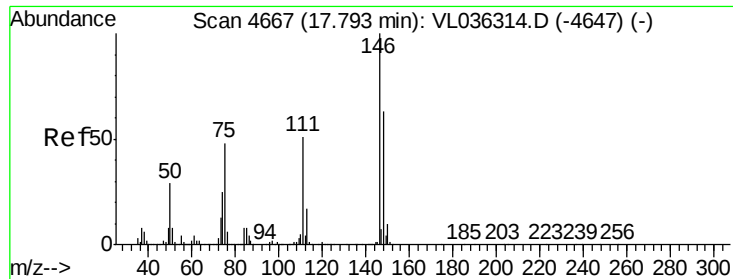
Tot Ion:146 Resp: 66269
 Ion Ratio Lower Upper
 146 100
 111 76.9 24.9 74.6#
 148 98.3 31.9 95.9#



#76
 1,4-Dichlorobenzene
 Concen: 0.193 ppbv
 RT: 17.13 min Scan# 4460
 Delta R.T. 0.01 min
 Lab File: VL036390.D
 Acq: 25 Feb 2021 20:43

Tgt Ion:146 Resp: 42050
 Ion Ratio Lower Upper
 146 100
 111 101.6 23.6 71.0#
 148 138.7 31.6 95.0#

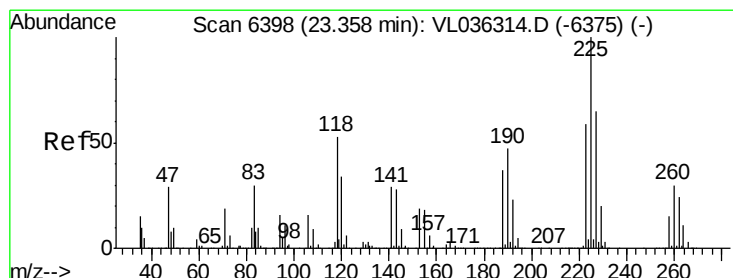
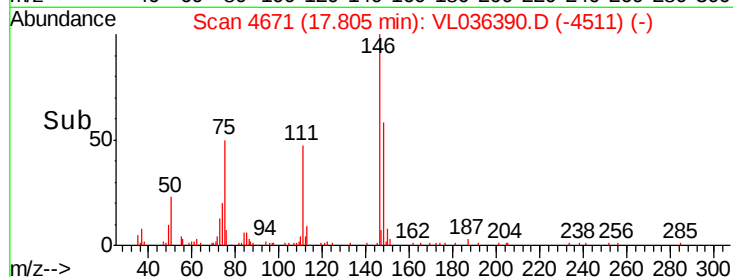
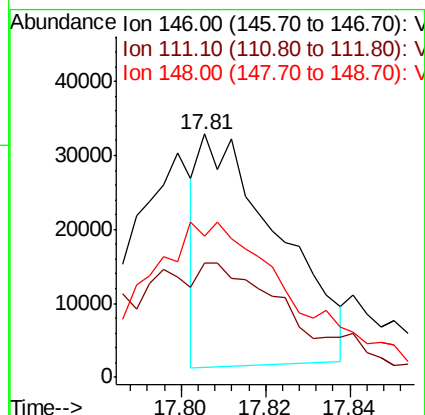
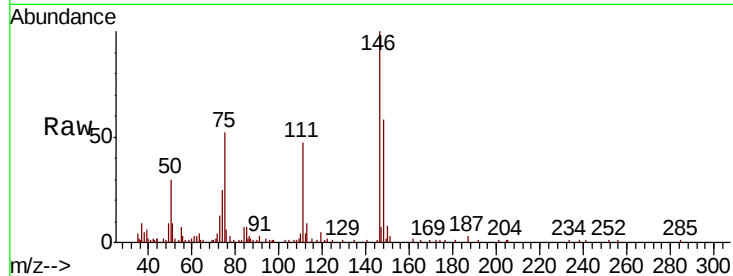




#77
 1,2-Dichlorobenzene
 Concen: 0.197 ppbv
 RT: 17.81 min Scan# 4671
 Delta R.T. 0.01 min
 Lab File: VL036390.D
 Acq: 25 Feb 2021 20:43

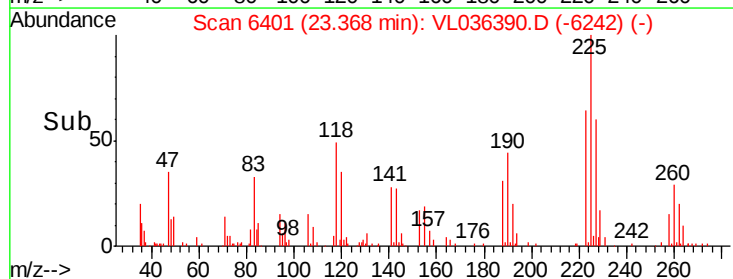
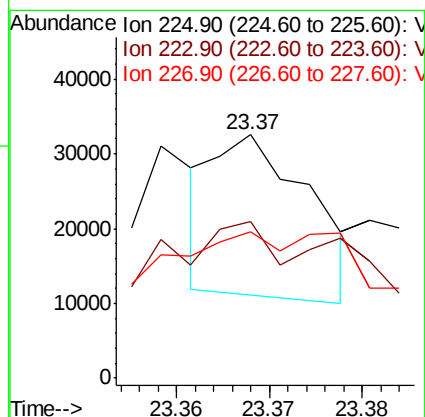
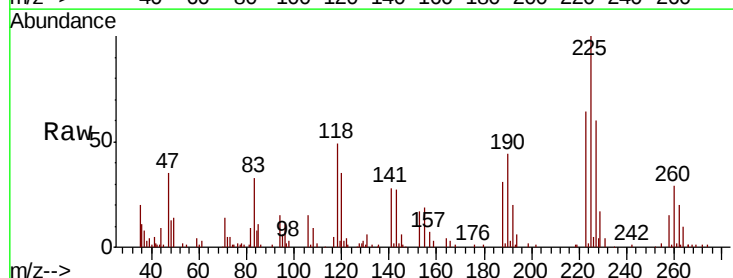
Instrument :
 MSVOA_L
 ClientSampleId :

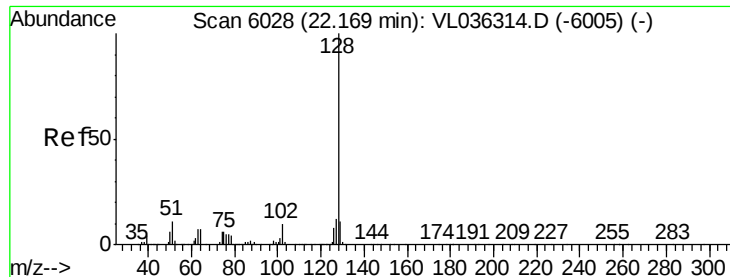
Tot Ion:146 Resp: 40886
 Ion Ratio Lower Upper
 146 100
 111 113.2 25.9 77.8#
 148 153.7 32.5 97.4#



#78
 Hexachloro-1,3-Butadiene
 Concen: 0.091 ppbv
 RT: 23.37 min Scan# 6401
 Delta R.T. 0.01 min
 Lab File: VL036390.D
 Acq: 25 Feb 2021 20:43

Tgt Ion:225 Resp: 15407
 Ion Ratio Lower Upper
 225 100
 223 356.6 50.8 76.2#
 227 370.2 52.2 78.2#





#79

Naphthalene

Concen: 0.065 ppbv

RT: 22.18 min Scan# 6033

Delta R.T. 0.02 min

Lab File: VL036390.D

Acq: 25 Feb 2021 20:43

Instrument :

MSVOA_L

ClientSampleId :

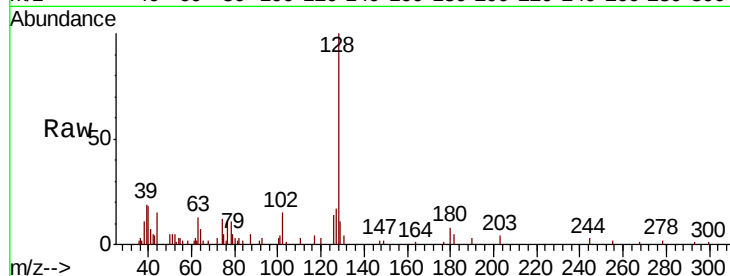
Tot Ion:128 Resp: 14827

Ion Ratio Lower Upper

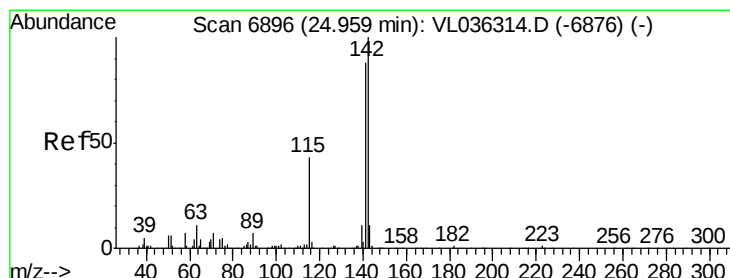
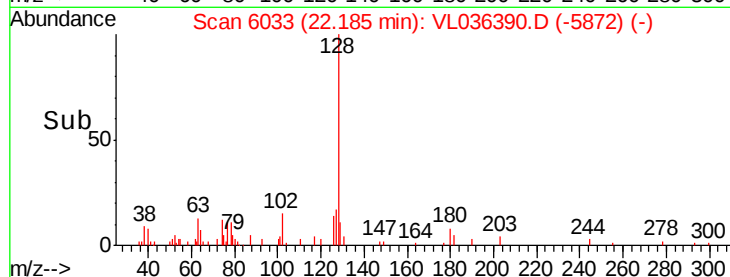
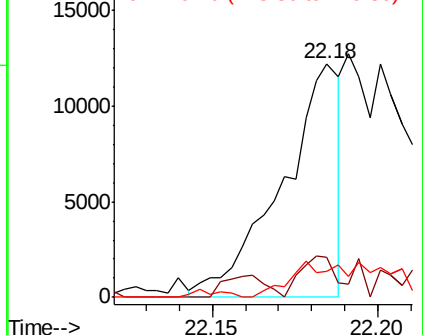
128 100

127 17.5 9.6 14.4#

129 10.0 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



#80

Naphthalene, 2-methyl-

Concen: 0.043 ppbv

RT: 25.08 min Scan# 6935

Delta R.T. 0.13 min

Lab File: VL036390.D

Acq: 25 Feb 2021 20:43

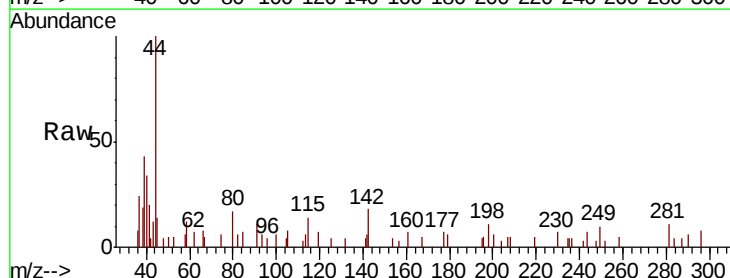
Tgt Ion:142 Resp: 1808

Ion Ratio Lower Upper

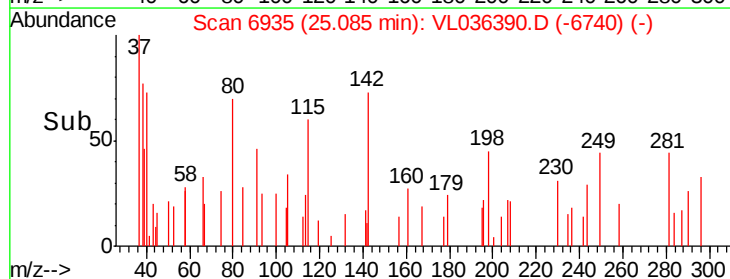
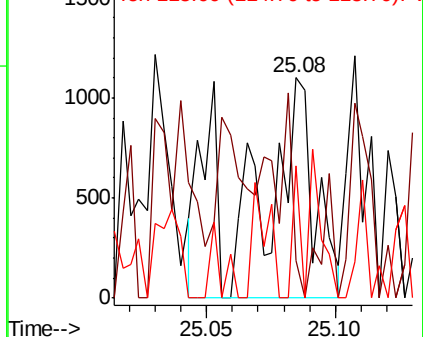
142 100

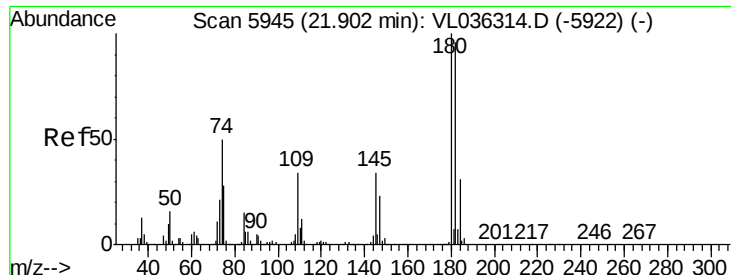
141 79.0 64.4 96.6

115 44.3 34.6 51.8



Abundance Ion 142.00 (141.70 to 142.70): V
Ion 141.00 (140.70 to 141.70): V
Ion 115.00 (114.70 to 115.70): V





#81
 1,2,4-Trichlorobenzene
 Concen: 0.095 ppbv
 RT: 21.91 min Scan# 5949
 Delta R.T. 0.01 min
 Lab File: VL036390.D
 Acq: 25 Feb 2021 20:43

Instrument :
 MSVOA_L
 ClientSampleId :

Tot Ion:180 Resp: 13197
 Ion Ratio Lower Upper
 180 100
 182 0.0 80.2 120.4#
 184 0.0 25.0 37.6#

