

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL012821\
 Data File : VL036290.D
 Acq On : 29 Jan 2021 11:12
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Jan 30 00:07:52 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL011321AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Jan 14 16:13:38 2021
 QLast Update : Thu Jan 14 16:13:38 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	1489505	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	3355743	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.08	117	3928190	10.00	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.41	95	2746103	8.45	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	84.50%

Target Compounds					Ovalue
2) Dichlorodifluoromethane	3.04	85	1950015	9.766	ppbv 99
3) Chlorodifluoromethane	2.98	51	1716818	9.385	ppbv 98
4) Chloromethane	3.13	50	825589	9.131	ppbv 100
5) Vinyl Chloride	3.25	62	830651	9.709	ppbv 100
6) Bromomethane	3.47	94	447667	9.359	ppbv 96
7) Chloroethane	3.55	64	290856	9.872	ppbv 98
8) Dichlorotetrafluoroethane	3.18	85	1930659	9.981	ppbv 97
9) Propene	3.00	41	747674	8.583	ppbv 98
10) Heptane	8.12	43	1964046	9.083	ppbv 98
11) Trichlorofluoromethane	3.94	101	2042236	10.061	ppbv 99
12) 1,1,2-Trichlorotrifluoroet	4.48	101	1259917	10.238	ppbv 96
13) Ethanol	3.60	45	108918	7.963	ppbv 94
14) Bromoethene	3.73	108	559830	9.990	ppbv 96
15) Acetone	3.84	43	1581858	8.671	ppbv 98
16) 1,3-Butadiene	3.32	39	811180	9.128	ppbv 99
17) tert-Butyl alcohol	4.29	59	1457357	9.681	ppbv 100
18) 1,1-Dichloroethene	4.28	96	551938	9.674	ppbv 93
19) Isopropyl Alcohol	3.96	45	985821	8.964	ppbv 100
20) Methylene Chloride	4.34	84	479820	8.241	ppbv 95
21) Allyl Chloride	4.40	41	956729	9.635	ppbv 95
22) trans-1,2-Dichloroethene	4.88	96	528979	10.035	ppbv 98
23) Vinyl Acetate	5.07	43	2178130	9.854	ppbv 98
24) 1,1-Dichloroethane	5.00	63	1540217	9.619	ppbv 99
25) Ethyl Acetate	5.67	43	3273168	8.937	ppbv 100
26) Hexane	5.68	57	1330251	8.724	ppbv 99
27) Carbon Disulfide	4.54	76	1397471	11.461	ppbv 98
28) Methyl tert-Butyl Ether	5.03	73	1929225	9.356	ppbv 96
29) Chloroform	5.75	83	2167920	9.930	ppbv 93
30) Cyclohexane	7.12	84	1130153	9.699	ppbv 99
31) cis-1,2-Dichloroethene	5.55	61	1367464	9.383	ppbv 97
32) 1,1,1-Trichloroethane	6.50	97	2140246	10.136	ppbv 99
34) 2-Butanone	5.24	43	2050820	8.299	ppbv 98
35) Carbon Tetrachloride	7.01	117	2182256	10.293	ppbv 99
36) Benzene	6.89	78	2805264	9.123	ppbv 97
37) 1,2-Dichloroethane	6.30	62	1741150	9.410	ppbv 99
38) Trichloroethene	7.83	130	949298	8.336	ppbv 96
39) 1,2-Dichloropropane	7.61	63	1146185	9.181	ppbv 99
40) 1,4-Dioxane	7.83	88	364070	8.062	ppbv # 1
41) Tetrahydrofuran	6.04	42	1210838	8.478	ppbv 99
42) Bromodichloromethane	7.79	83	2360062	10.149	ppbv 96
43) Methyl Methacrylate	8.01	69	1237860	9.473	ppbv 97

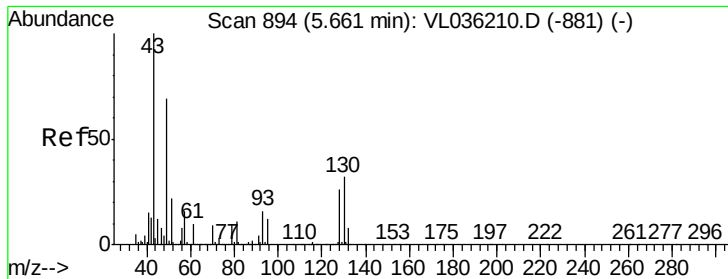
Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL012821\
 Data File : VL036290.D
 Acq On : 29 Jan 2021 11:12
 Operator : SY/AP
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Instrument :
 MSVOA_L
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Quant Time: Jan 30 00:07:52 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL011321AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Jan 14 16:13:38 2021
 QLast Update : Thu Jan 14 16:13:38 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,2,4-Trimethylpentane	7.86	57	4824759	8.543	ppbv	99
45) t-1,3-Dichloropropene	9.28	75	1350885	10.884	ppbv	97
46) cis-1,3-Dichloropropene	8.70	75	1636693	10.262	ppbv	98
47) 1,1,2-Trichloroethane	9.47	97	1094788	9.167	ppbv	94
48) Dibromochloromethane	10.30	129	1791219	10.251	ppbv	100
49) Bromoform	13.04	173	1429648	9.802	ppbv	99
50) 4-Methyl-2-Pentanone	8.74	43	3242113	8.799	ppbv	100
51) 2-Hexanone	10.13	43	2668139	9.179	ppbv #	100
52) Tetrachloroethene	11.22	164	876807	7.738	ppbv	96
53) Toluene	9.80	91	3109793	9.041	ppbv	100
54) 1,2-Dibromoethane	10.61	107	1622104	9.162	ppbv	99
56) 1,1,1,2-Tetrachloroethane	12.12	131	1340400	7.646	ppbv	94
57) Chlorobenzene	12.15	112	2145978	6.963	ppbv	98
58) Ethyl Benzene	12.71	91	4153449	7.125	ppbv	99
59) m/p-Xylene	12.99	91	904876	1.807	ppbv #	33
60) o-Xylene	13.69	91	3267767	6.768	ppbv	99
61) Styrene	13.53	104	2263817	7.425	ppbv	100
62) Isopropylbenzene	14.67	105	4817965	6.712	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.68	83	2270559	6.316	ppbv	99
64) n-propylbenzene	15.56	120	1230611	6.977	ppbv	100
65) tert-Butylbenzene	16.74	119	3955284	6.502	ppbv	100
66) Benzyl Chloride	16.99	91	1292941	8.320	ppbv	100
67) sec-Butylbenzene	17.29	105	5634994	6.241	ppbv	100
69) p-Isopropyltoluene	17.65	119	4499181	6.283	ppbv	100
70) n-Butylbenzene	18.55	91	4683284	6.138	ppbv	100
71) 2-Chlorotoluene	15.45	91	3717581	6.589	ppbv	99
72) 4-Ethyltoluene	15.84	105	3634621	6.671	ppbv	99
73) 1,3,5-Trimethylbenzene	16.00	105	3406035	6.558	ppbv	99
74) 1,2,4-Trimethylbenzene	16.76	105	3421764	6.423	ppbv	99
75) 1,3-Dichlorobenzene	17.00	146	1769535	6.193	ppbv	99
76) 1,4-Dichlorobenzene	17.14	146	1748114	6.193	ppbv	100
77) 1,2-Dichlorobenzene	17.82	146	1693267	6.067	ppbv	100
78) Hexachloro-1,3-Butadiene	23.38	225	1304765	5.845	ppbv	99
79) Naphthalene	22.20	128	2477847	7.957	ppbv	98
80) Naphthalene, 2-methyl-	24.98	142	794038	11.950	ppbv	100
81) 1,2,4-Trichlorobenzene	21.93	180	1329402	7.312	ppbv	99

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



#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.66 min Scan# 894

Delta R.T. -0.00 min

Lab File: VL036290.D

Acq: 29 Jan 2021 11:12

Instrument :
MSVOA_L
ClientSampleId :

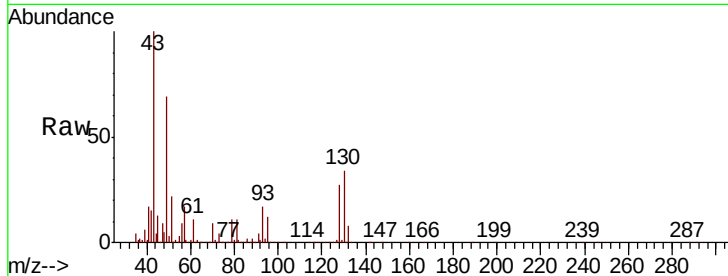
Tot Ion: 49 Resp: 1489505

Ion	Ratio	Lower	Upper
49	100		
128	41.6	20.1	60.2
130	52.5	25.3	75.9

49 100

128 41.6 20.1 60.2

130 52.5 25.3 75.9

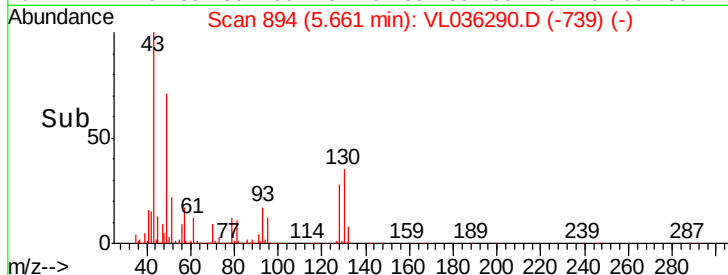


Abundance Ion 49.10 (48.80 to 49.80): VL0

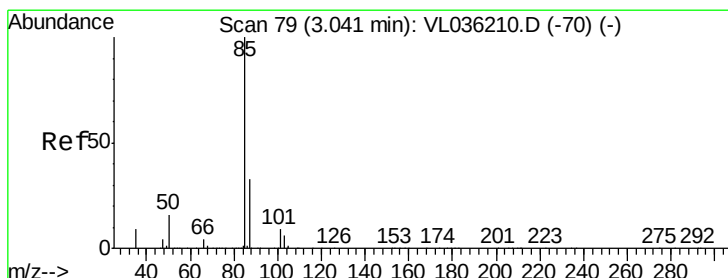
Ion 128.00 (127.70 to 128.70): V

Ion 130.00 (129.70 to 130.70): V

Time-->



Time-->



#2

Dichlorodifluoromethane

Concen: 9.766 ppbv

RT: 3.04 min Scan# 79

Delta R.T. -0.00 min

Lab File: VL036290.D

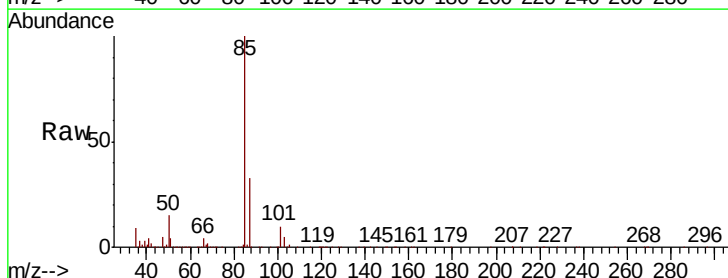
Acq: 29 Jan 2021 11:12

Tgt Ion: 85 Resp: 1950015

Ion	Ratio	Lower	Upper
85	100		
87	33.4	26.4	39.6

85 100

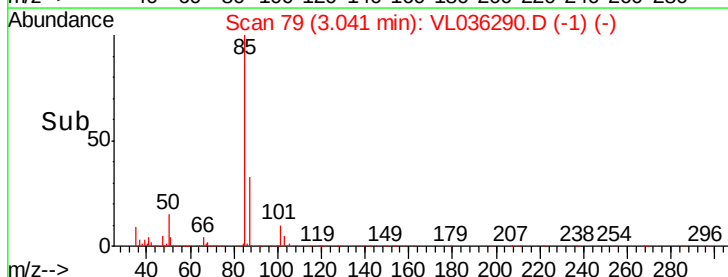
87 33.4 26.4 39.6



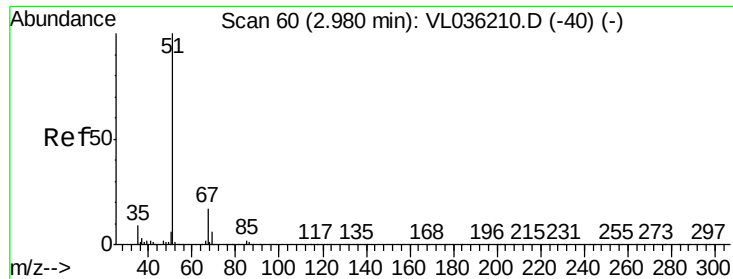
Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0

Time-->



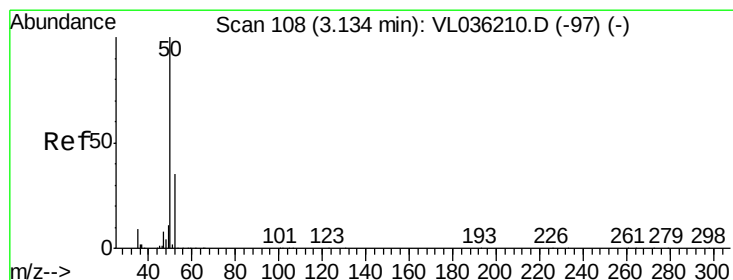
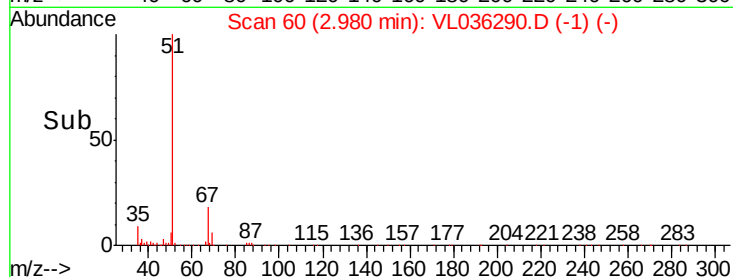
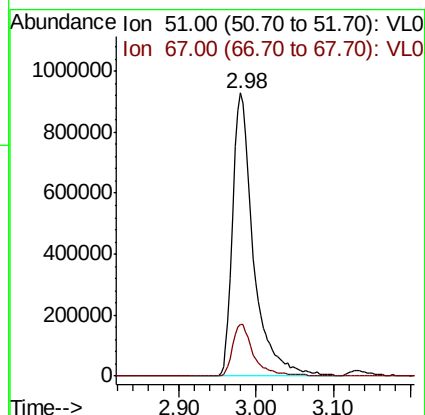
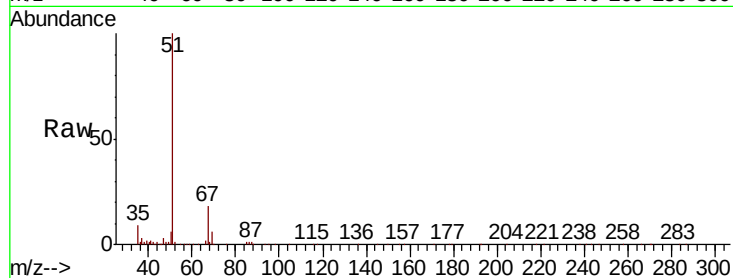
Time-->



#3
 Chlorodifluoromethane
 Concen: 9.385 ppbv
 RT: 2.98 min Scan# 60
 Delta R.T. -0.00 min
 Lab File: VL036290.D
 Acq: 29 Jan 2021 11:12

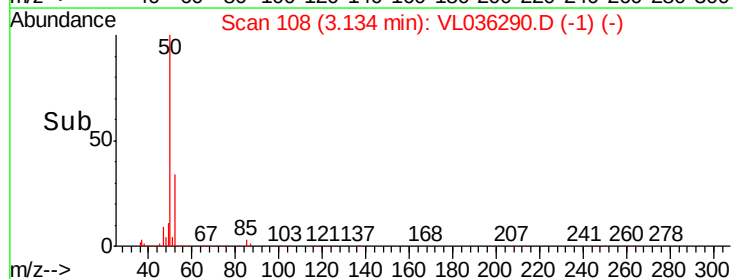
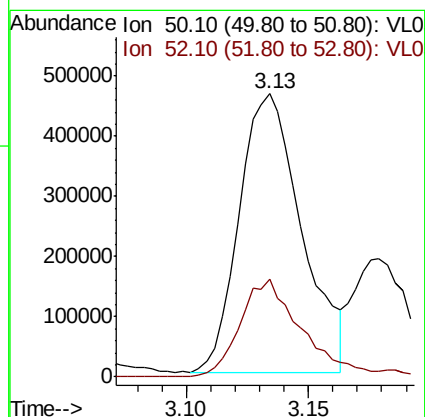
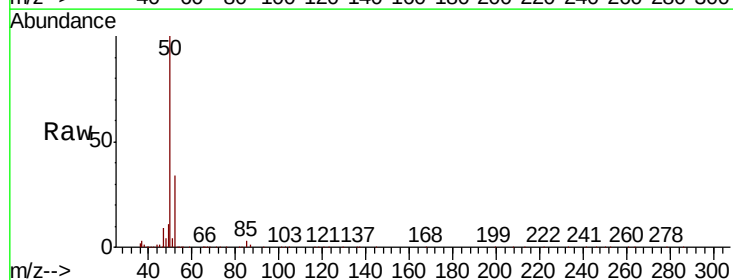
Instrument :
 MSVOA_L
 ClientSampleId :

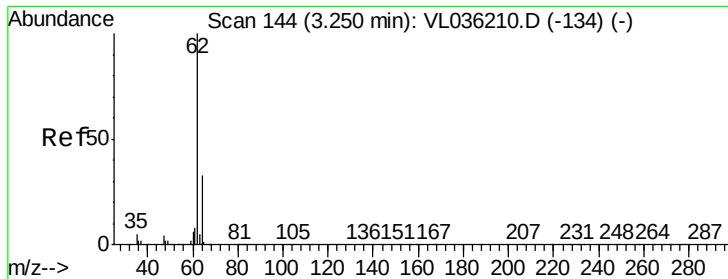
Tot Ion: 51 Resp: 1716818
 Ion Ratio Lower Upper
 51 100
 67 18.6 14.0 21.0



#4
 Chloromethane
 Concen: 9.131 ppbv
 RT: 3.13 min Scan# 108
 Delta R.T. -0.00 min
 Lab File: VL036290.D
 Acq: 29 Jan 2021 11:12

Tgt Ion: 50 Resp: 825589
 Ion Ratio Lower Upper
 50 100
 52 34.8 27.8 41.8





#5

Vinyl Chloride

Concen: 9.709 ppbv

RT: 3.25 min Scan# 144

Delta R.T. -0.00 min

Lab File: VL036290.D

Acq: 29 Jan 2021 11:12

Instrument :

MSVOA_L

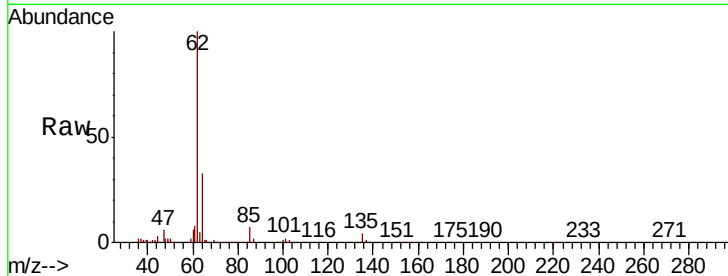
ClientSampleId :

Tot Ion: 62 Resp: 830651

Ion Ratio Lower Upper

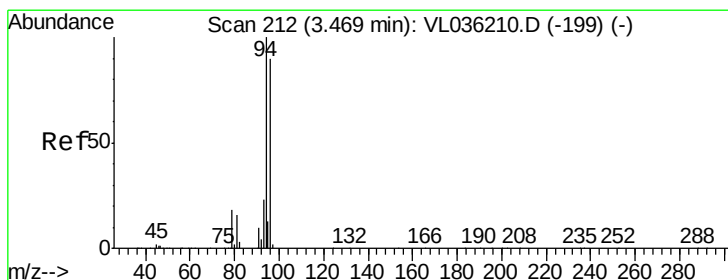
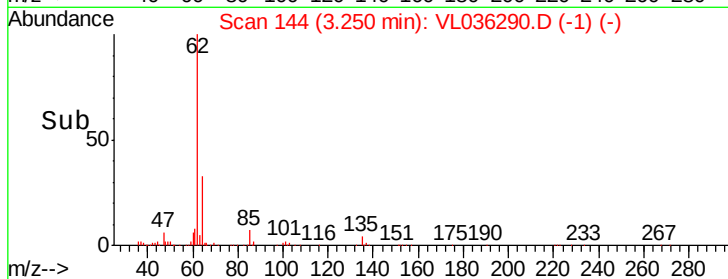
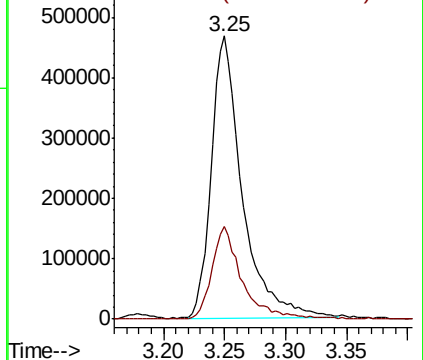
62 100

64 32.8 26.2 39.2



Abundance Ion 62.10 (61.80 to 62.80): VL0

Ion 64.10 (63.80 to 64.80): VL0



#6

Bromomethane

Concen: 9.359 ppbv

RT: 3.47 min Scan# 212

Delta R.T. -0.00 min

Lab File: VL036290.D

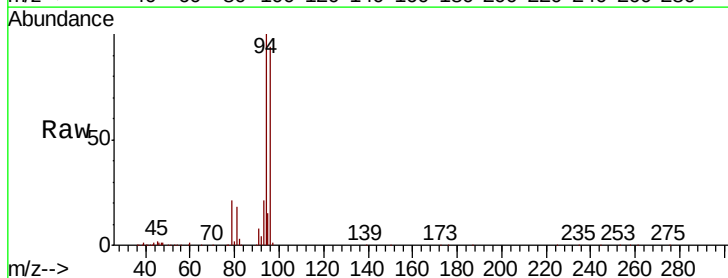
Acq: 29 Jan 2021 11:12

Tgt Ion: 94 Resp: 447667

Ion Ratio Lower Upper

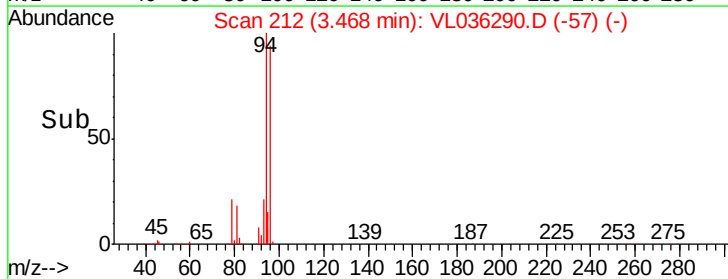
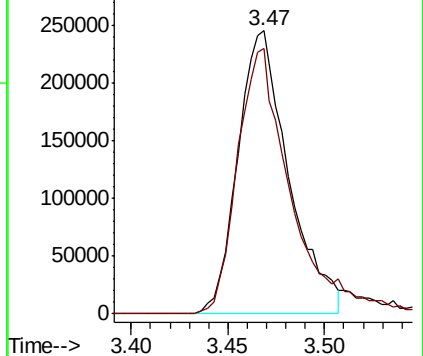
94 100

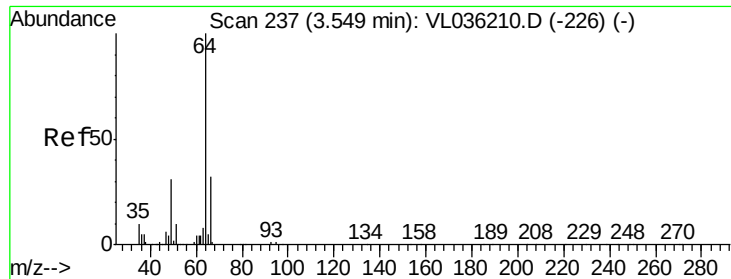
96 93.5 71.9 107.9



Abundance Ion 94.00 (93.70 to 94.70): VL0

Ion 96.00 (95.70 to 96.70): VL0





#7

Chloroethane

Concen: 9.872 ppbv

RT: 3.55 min Scan# 237

Delta R.T. -0.00 min

Lab File: VL036290.D

Acq: 29 Jan 2021 11:12

Instrument :

MSVOA_L

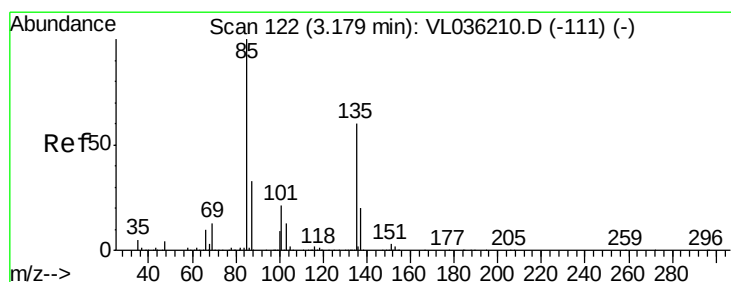
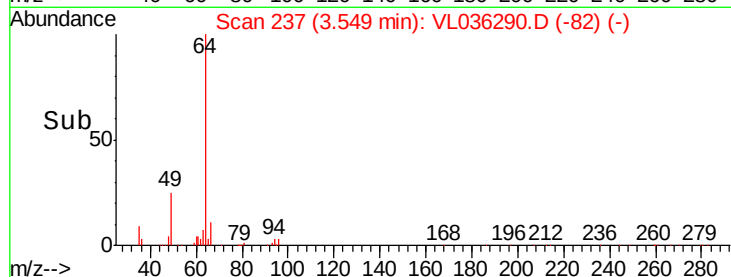
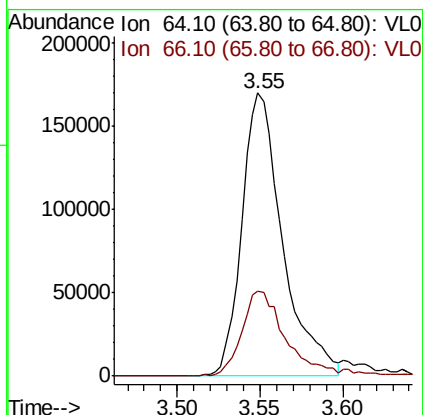
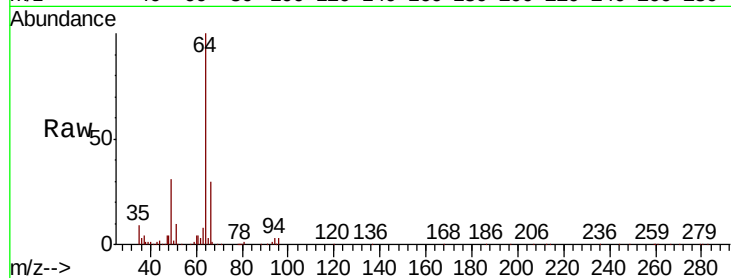
ClientSampleId :

Tot Ion: 64 Resp: 290856

Ion Ratio Lower Upper

64 100

66 30.2 25.2 37.8



#8

Dichlorotetrafluoroethane

Concen: 9.981 ppbv

RT: 3.18 min Scan# 122

Delta R.T. -0.00 min

Lab File: VL036290.D

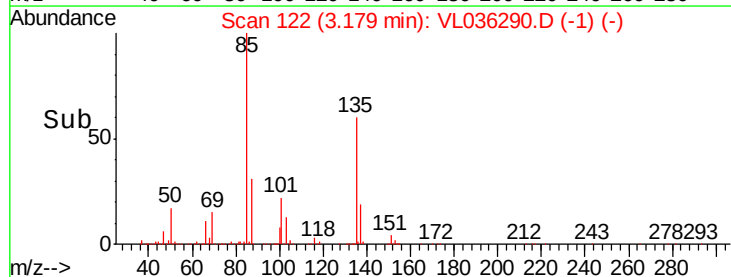
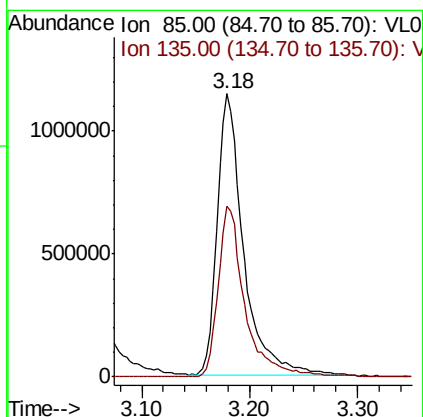
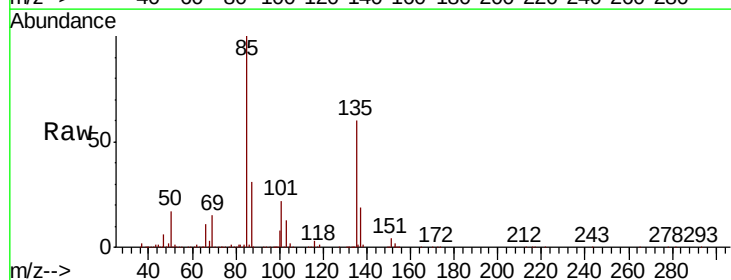
Acq: 29 Jan 2021 11:12

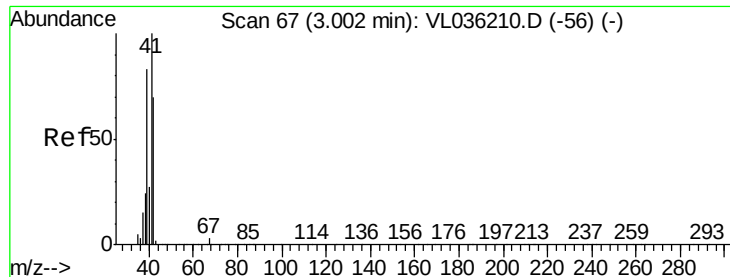
Tgt Ion: 85 Resp: 1930659

Ion Ratio Lower Upper

85 100

135 62.3 51.5 77.3





#9

Propene

Concen: 8.583 ppbv

RT: 3.00 min Scan# 67

Delta R.T. -0.00 min

Lab File: VL036290.D

Acq: 29 Jan 2021 11:12

Instrument :

MSVOA_L

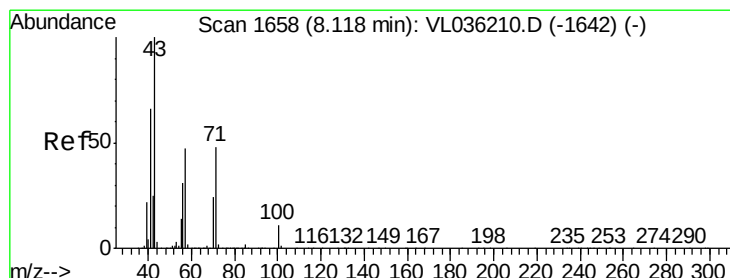
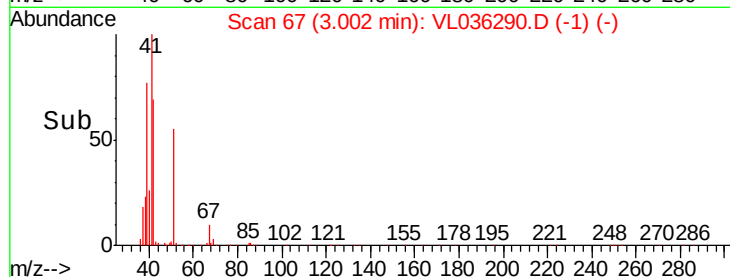
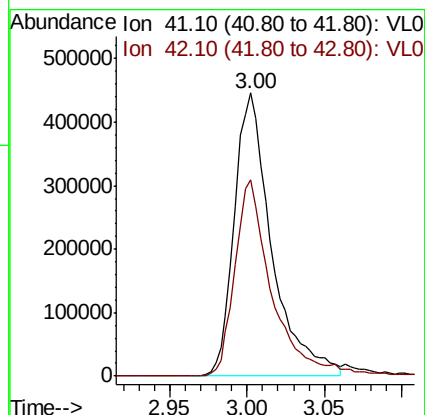
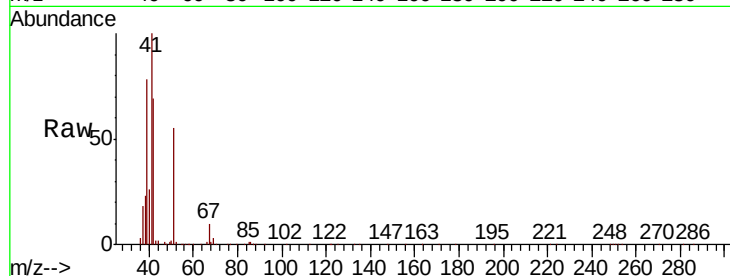
ClientSampleId :

Tot Ion: 41 Resp: 747674

Ion Ratio Lower Upper

41 100

42 69.8 57.1 85.7



#10

Heptane

Concen: 9.083 ppbv

RT: 8.12 min Scan# 1658

Delta R.T. -0.00 min

Lab File: VL036290.D

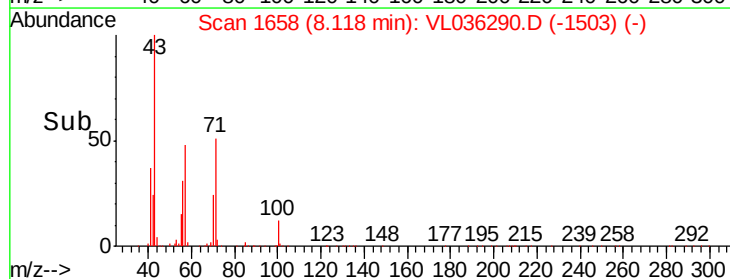
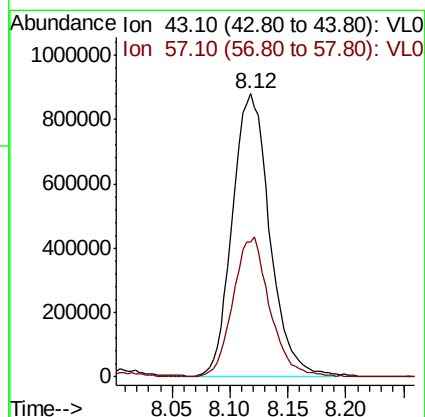
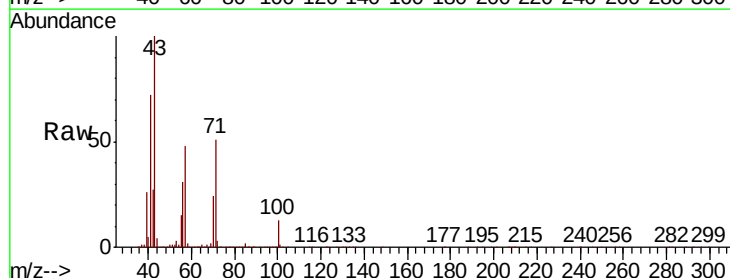
Acq: 29 Jan 2021 11:12

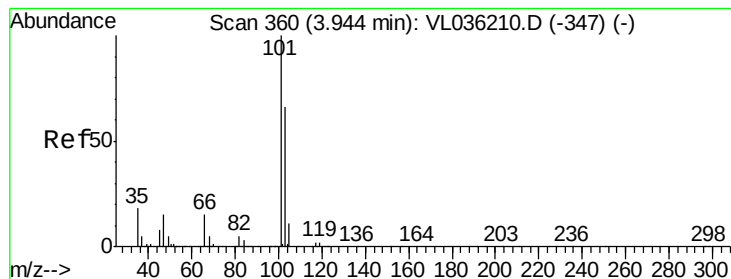
Tgt Ion: 43 Resp: 1964046

Ion Ratio Lower Upper

43 100

57 49.0 38.1 57.1





#11

Trichlorofluoromethane

Concen: 10.061 ppbv

RT: 3.94 min Scan# 359

Delta R.T. -0.00 min

Lab File: VL036290.D

Acq: 29 Jan 2021 11:12

Instrument :

MSVOA_L

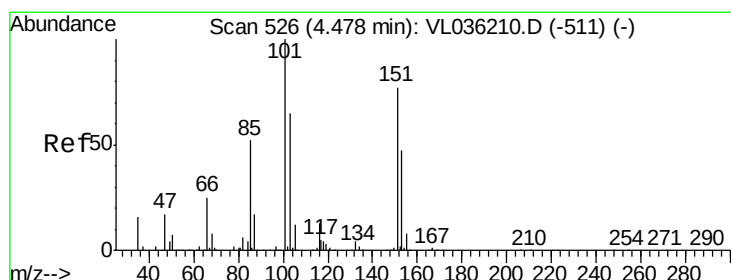
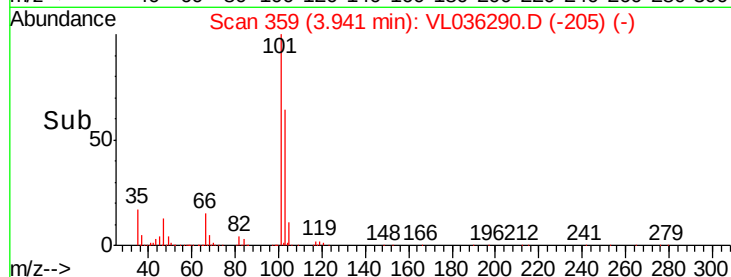
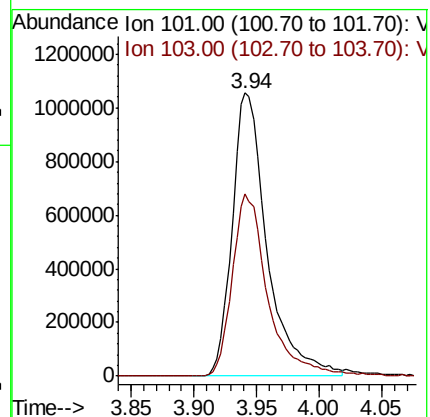
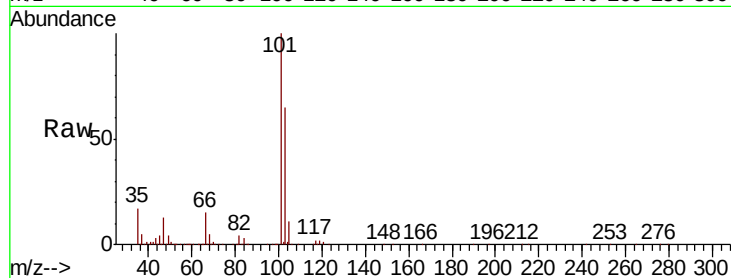
ClientSampled :

Tot Ion:101 Resp: 2042236

Ion Ratio Lower Upper

101 100

103 64.6 52.6 78.8



#12

1,1,2-Trichlorotrifluoroethane

Concen: 10.238 ppbv

RT: 4.48 min Scan# 526

Delta R.T. -0.00 min

Lab File: VL036290.D

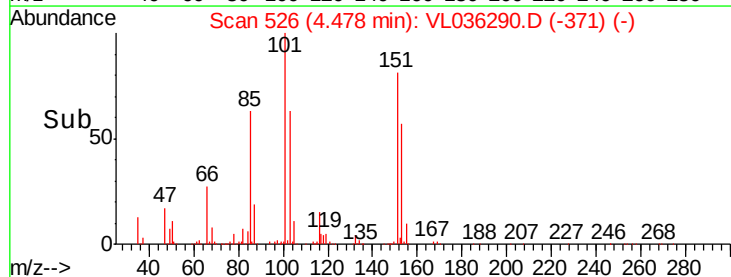
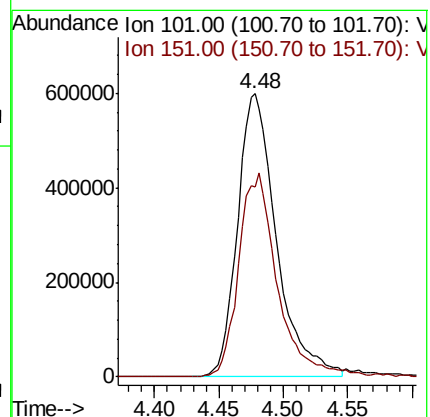
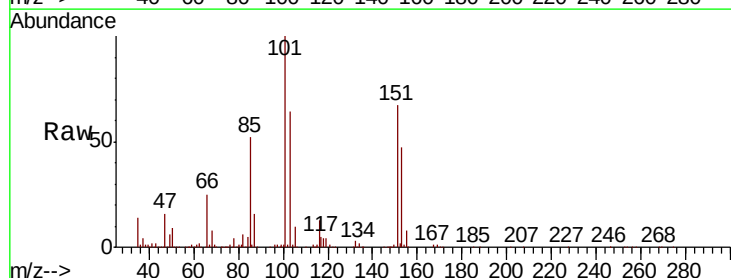
Acq: 29 Jan 2021 11:12

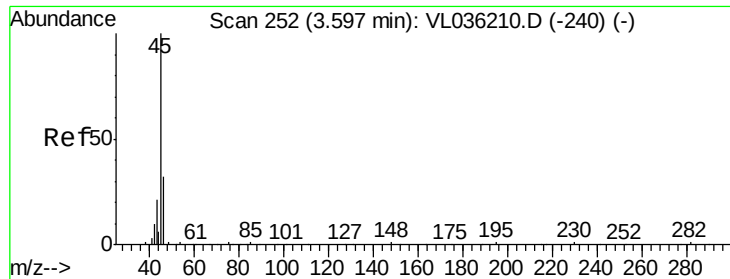
Tgt Ion:101 Resp: 1259917

Ion Ratio Lower Upper

101 100

151 71.5 59.8 89.6

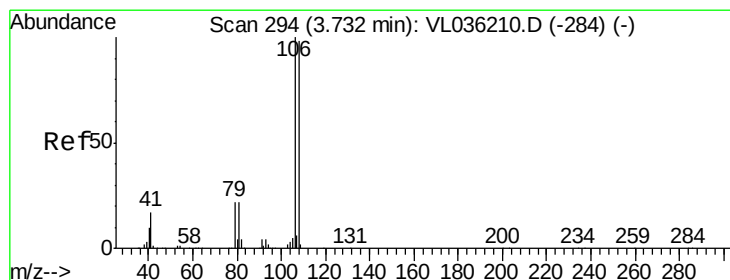
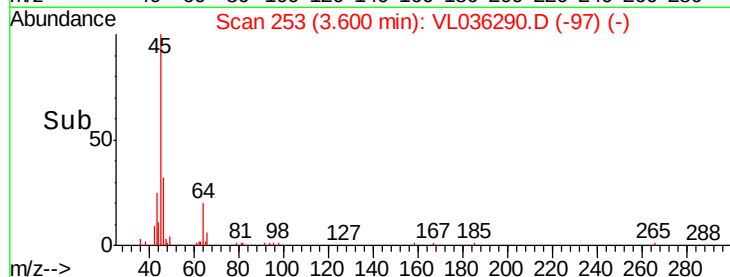
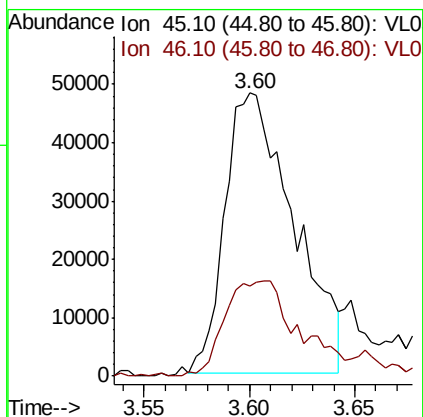
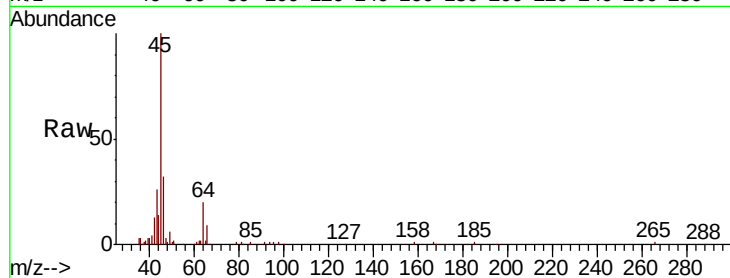




#13
Ethanol
Concen: 7.963 ppbv
RT: 3.60 min Scan# 253
Delta R.T. 0.00 min
Lab File: VL036290.D
Acq: 29 Jan 2021 11:12

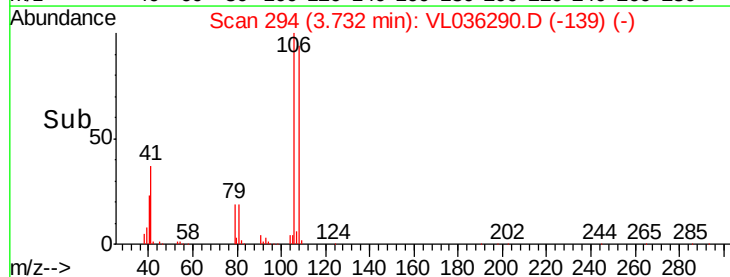
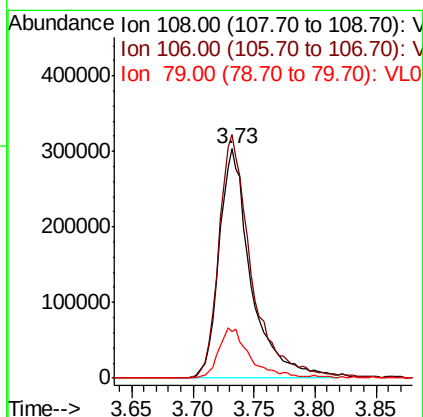
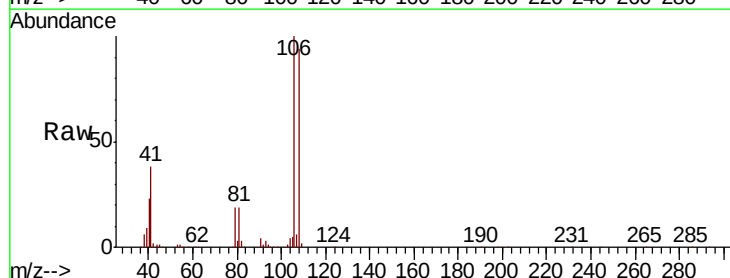
Instrument :
MSVOA_L
ClientSampled :

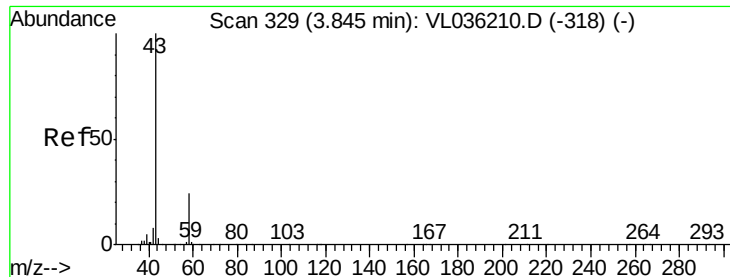
Tot Ion: 45 Resp: 108918
Ion Ratio Lower Upper
45 100
46 43.8 19.2 77.0



#14
Bromoethene
Concen: 9.990 ppbv
RT: 3.73 min Scan# 294
Delta R.T. -0.00 min
Lab File: VL036290.D
Acq: 29 Jan 2021 11:12

Tgt Ion: 108 Resp: 559830
Ion Ratio Lower Upper
108 100
106 109.3 91.4 137.2
79 22.4 18.3 27.5

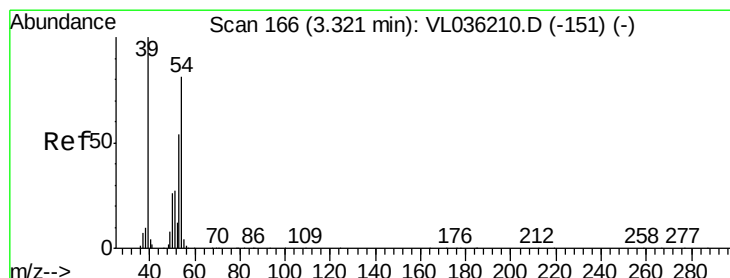
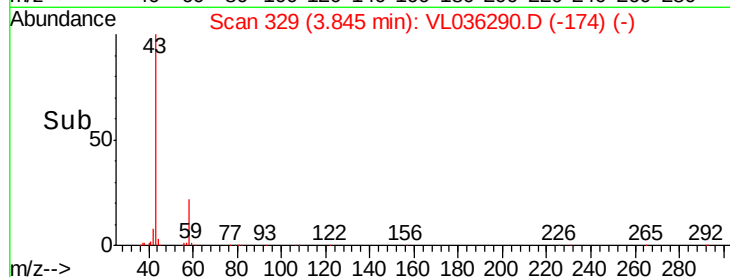
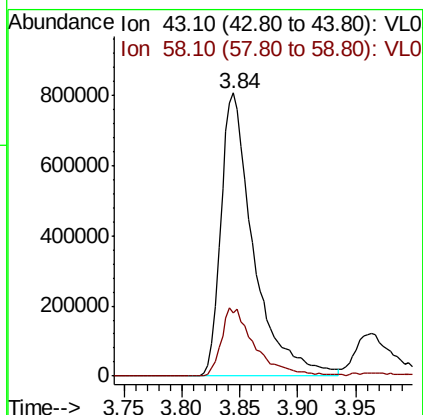
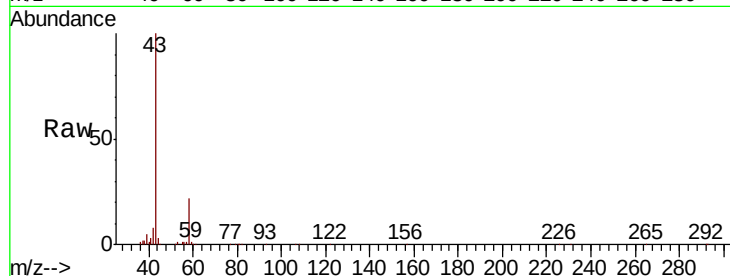




#15
Acetone
Concen: 8.671 ppbv
RT: 3.84 min Scan# 329
Delta R.T. -0.00 min
Lab File: VL036290.D
Acq: 29 Jan 2021 11:12

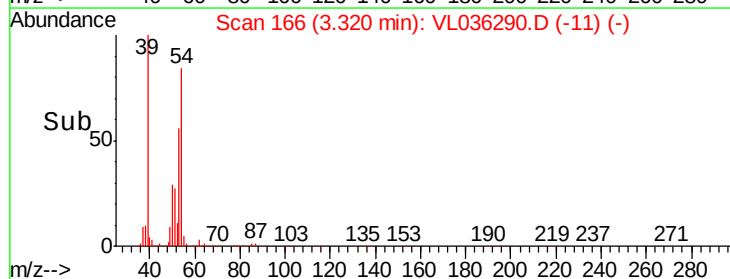
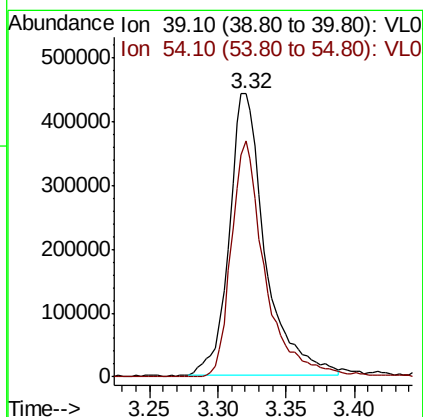
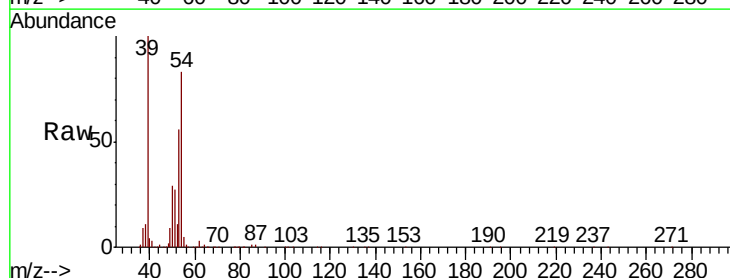
Instrument :
MSVOA_L
ClientSampleId :

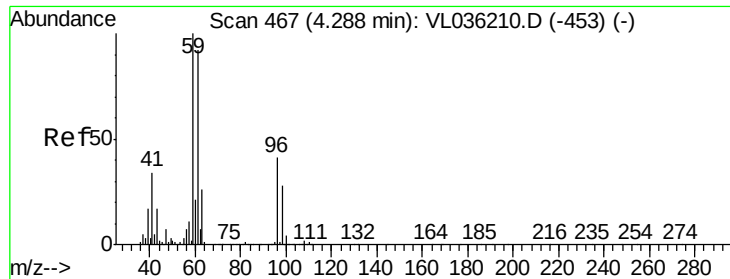
Tot Ion: 43 Resp: 1581858
Ion Ratio Lower Upper
43 100
58 25.1 20.9 31.3



#16
1,3-Butadiene
Concen: 9.128 ppbv
RT: 3.32 min Scan# 166
Delta R.T. -0.00 min
Lab File: VL036290.D
Acq: 29 Jan 2021 11:12

Tgt Ion: 39 Resp: 811180
Ion Ratio Lower Upper
39 100
54 79.4 62.5 93.7





#17

tert-Butyl alcohol

Concen: 9.681 ppbv

RT: 4.29 min Scan# 466

Delta R.T. -0.00 min

Lab File: VL036290.D

Acq: 29 Jan 2021 11:12

Instrument :

MSVOA_L

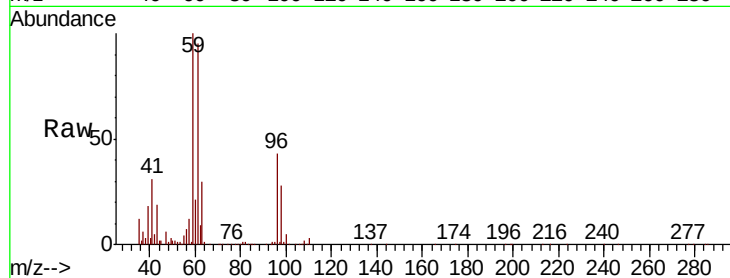
ClientSampleId :

Tot Ion: 59 Resp: 1457357

Ion Ratio Lower Upper

59 100

57 11.4 9.2 13.8



Abundance Ion 59.10 (58.80 to 59.80): VL0

Ion 57.10 (56.80 to 57.80): VL0

4.29

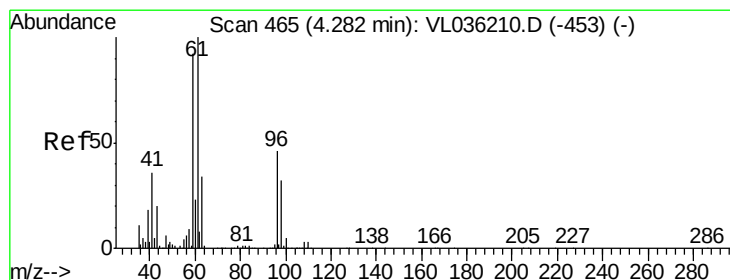
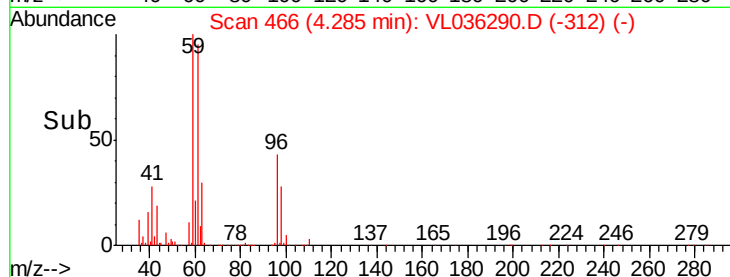
600000

400000

200000

0

Time-->



#18

1,1-Dichloroethene

Concen: 9.674 ppbv

RT: 4.28 min Scan# 464

Delta R.T. -0.00 min

Lab File: VL036290.D

Acq: 29 Jan 2021 11:12

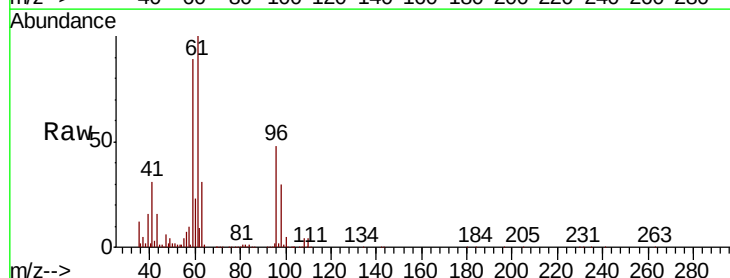
Tgt Ion: 96 Resp: 551938

Ion Ratio Lower Upper

96 100

61 206.5 173.4 260.0

98 61.0 54.9 82.3



Abundance Ion 96.00 (95.70 to 96.70): VL0

Ion 61.10 (60.80 to 61.80): VL0

Ion 98.00 (97.70 to 98.70): VL0

800000

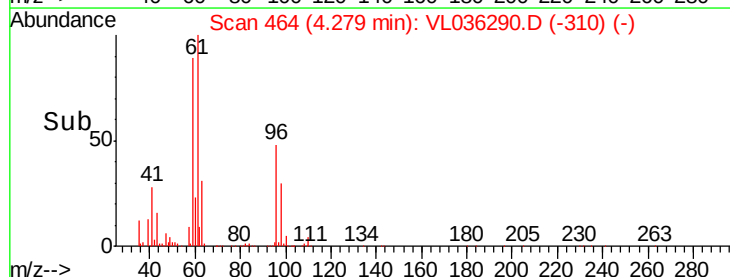
600000

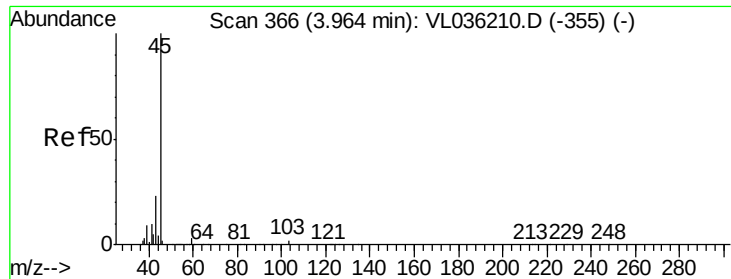
400000

200000

0

Time-->





#19

Isopropyl Alcohol

Concen: 8.964 ppbv

RT: 3.96 min Scan# 365

Delta R.T. -0.00 min

Lab File: VL036290.D

Acq: 29 Jan 2021 11:12

Instrument :

MSVOA_L

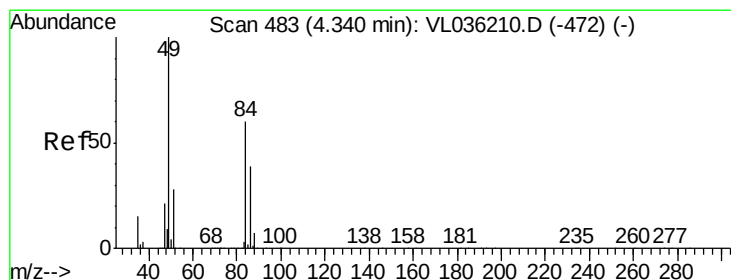
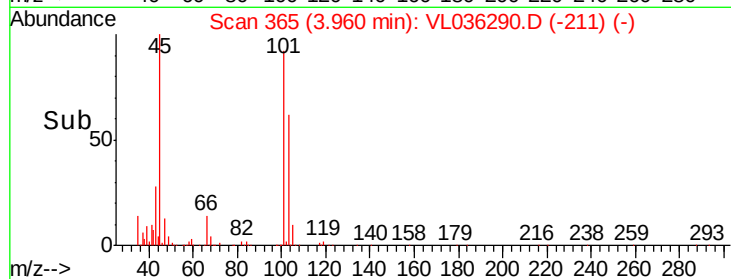
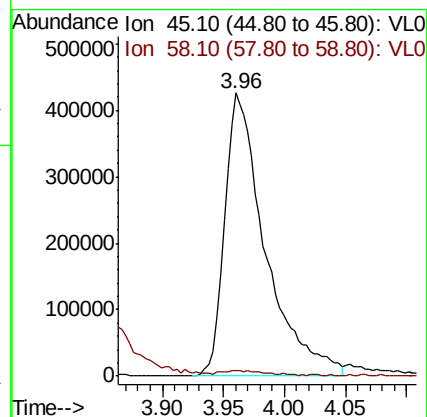
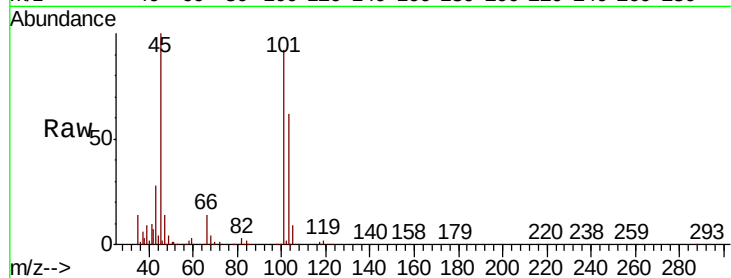
ClientSampled :

Tot Ion: 45 Resp: 985821

Ion Ratio Lower Upper

45 100

58 2.2 1.9 2.9



#20

Methylene Chloride

Concen: 8.241 ppbv

RT: 4.34 min Scan# 482

Delta R.T. -0.00 min

Lab File: VL036290.D

Acq: 29 Jan 2021 11:12

Tgt Ion: 84 Resp: 479820

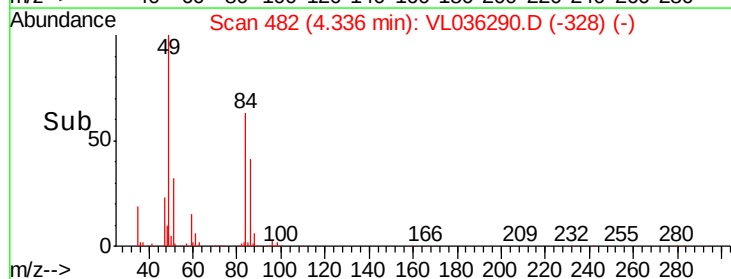
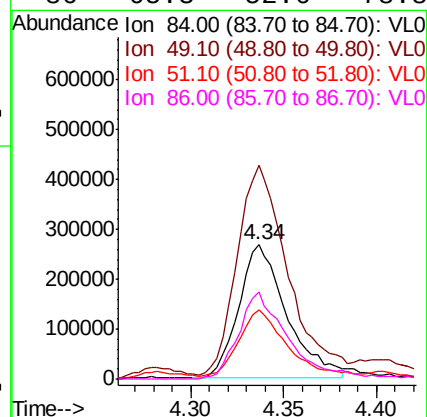
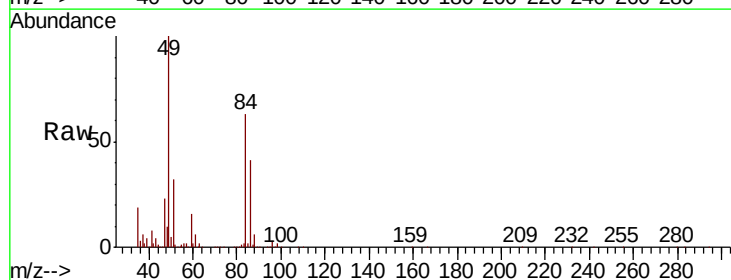
Ion Ratio Lower Upper

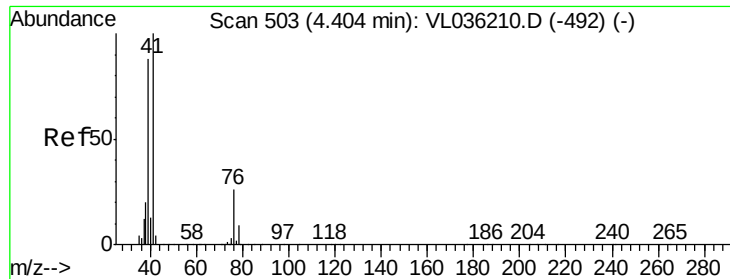
84 100

49 157.2 134.1 201.1

51 48.7 37.4 56.0

86 65.3 52.6 78.8

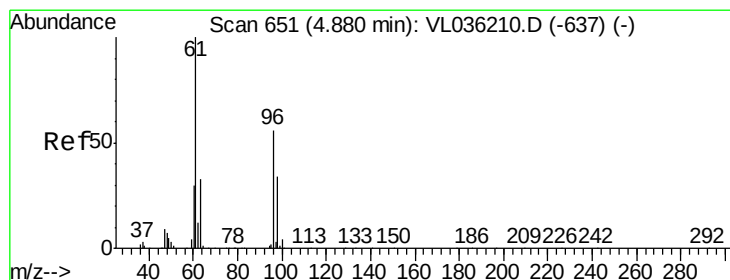
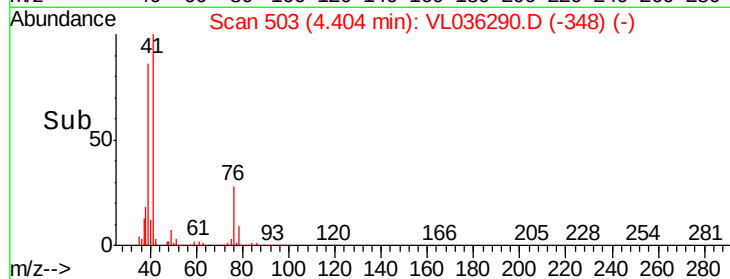
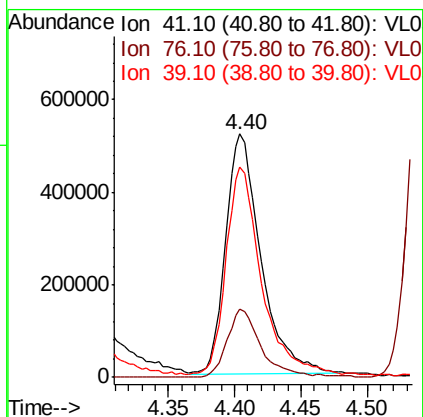
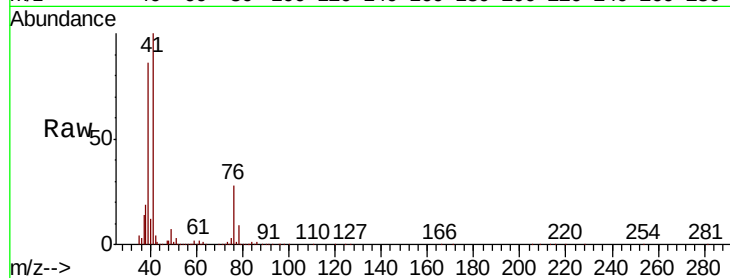




#21
Allvl Chloride
Concen: 9.635 ppbv
RT: 4.40 min Scan# 503
Delta R.T. -0.00 min
Lab File: VL036290.D
Acq: 29 Jan 2021 11:12

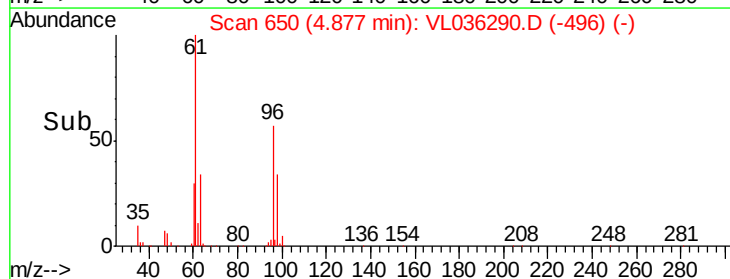
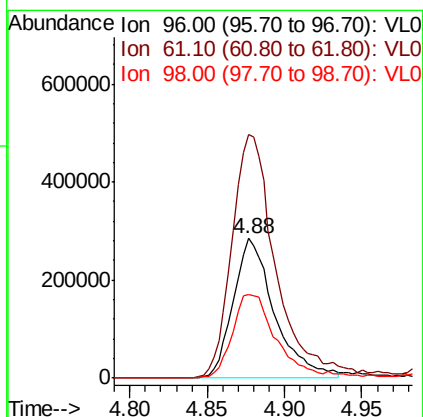
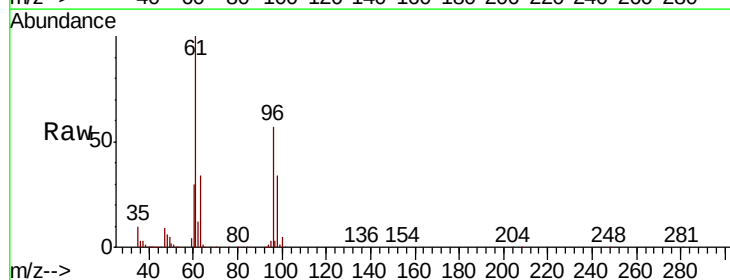
Instrument :
MSVOA_L
ClientSampleId :

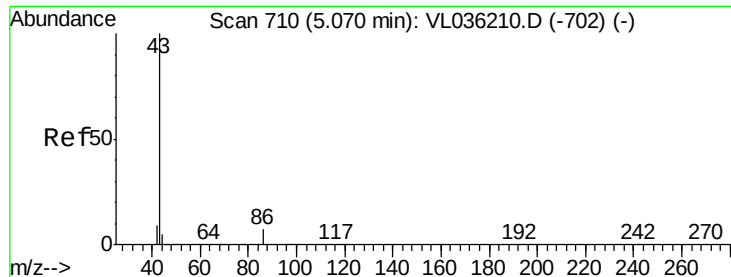
Tot Ion: 41 Resp: 956729
Ion Ratio Lower Upper
41 100
76 27.9 20.5 30.7
39 89.1 67.8 101.8



#22
trans-1,2-Dichloroethene
Concen: 10.035 ppbv
RT: 4.88 min Scan# 650
Delta R.T. -0.00 min
Lab File: VL036290.D
Acq: 29 Jan 2021 11:12

Tgt Ion: 96 Resp: 528979
Ion Ratio Lower Upper
96 100
61 174.7 142.7 214.1
98 59.6 48.7 73.1





#23

Vinyl Acetate

Concen: 9.854 ppbv

RT: 5.07 min Scan# 710

Delta R.T. -0.00 min

Lab File: VL036290.D

Acq: 29 Jan 2021 11:12

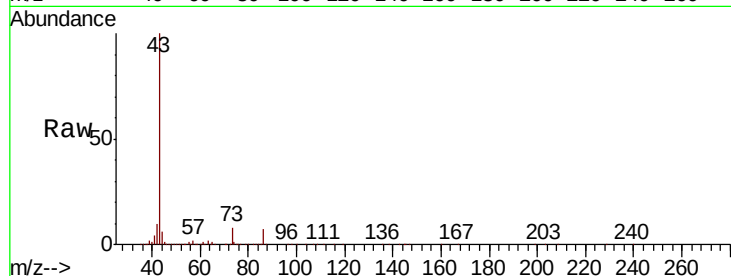
Instrument :

MSVOA_L

ClientSampleId :

Tot Ion: 43 Resp: 2178130

Ion	Ratio	Lower	Upper
43	100		
86	6.8	4.9	7.3
42	10.1	7.8	11.6
44	5.3	3.7	5.5

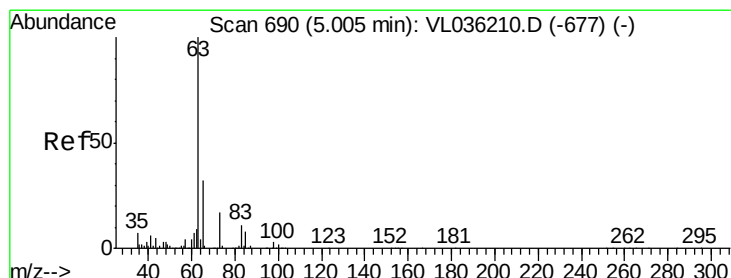
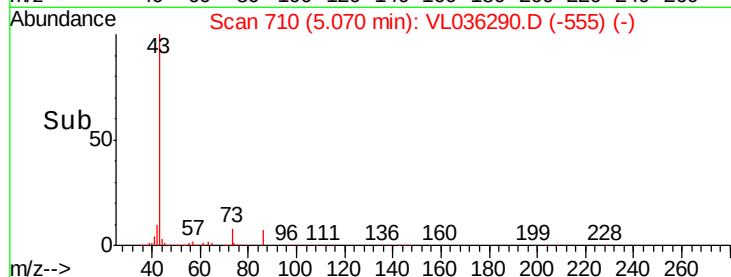
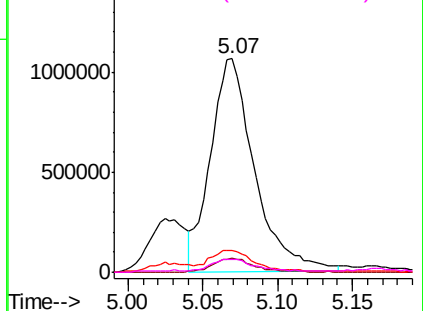


Abundance Ion 43.10 (42.80 to 43.80): VL0

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: 9.619 ppbv

RT: 5.00 min Scan# 689

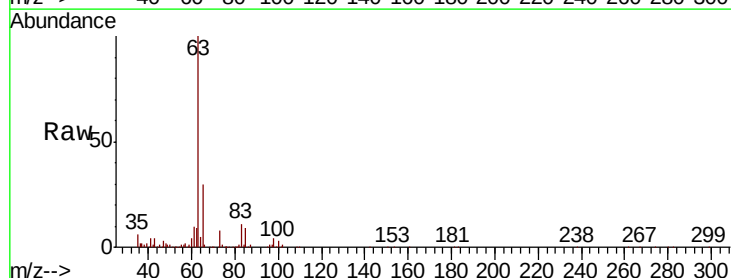
Delta R.T. -0.00 min

Lab File: VL036290.D

Acq: 29 Jan 2021 11:12

Tgt Ion: 63 Resp: 1540217

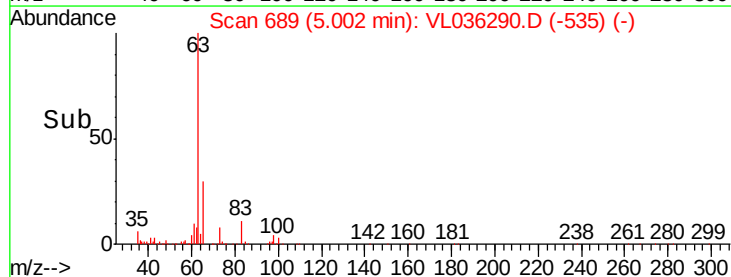
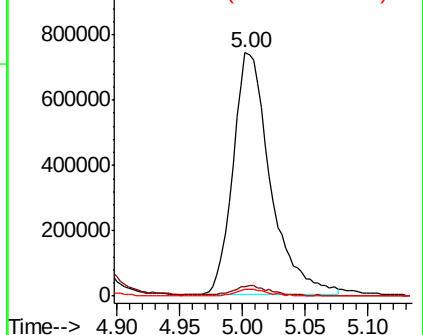
Ion	Ratio	Lower	Upper
63	100		
98	3.7	1.7	5.1
100	2.5	1.1	3.1

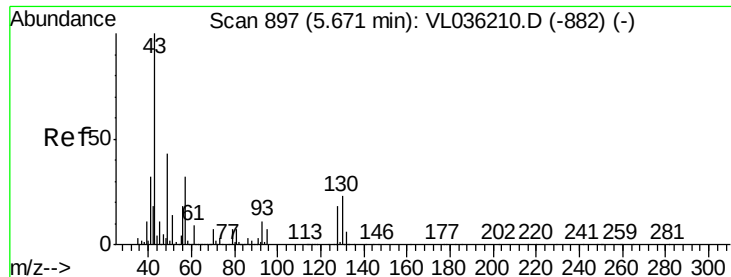


Abundance Ion 63.10 (62.80 to 63.80): VL0

Ion 98.00 (97.70 to 98.70): VL0

Ion 100.00 (99.70 to 100.70): VL0

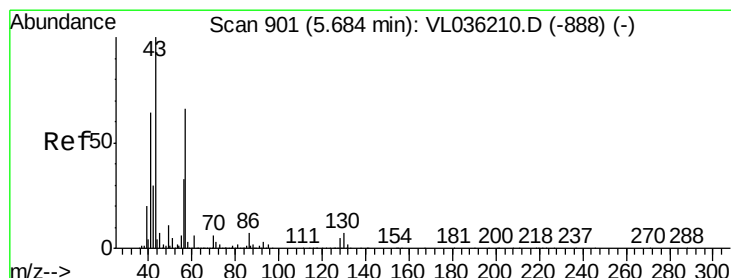
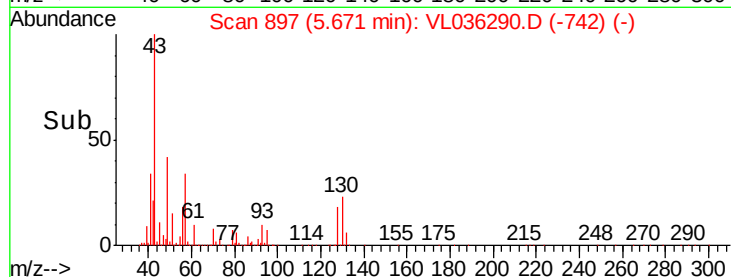
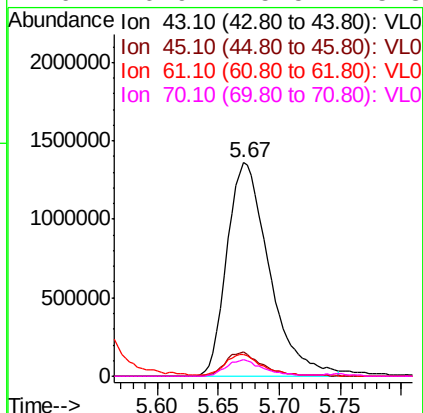
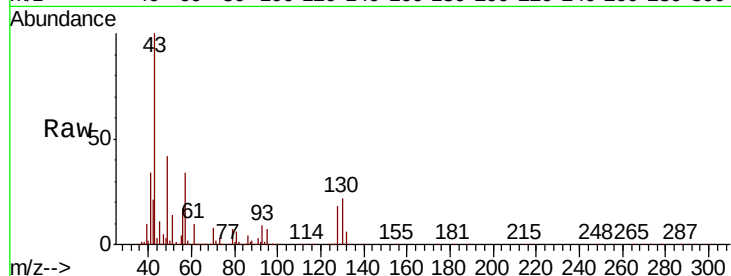




#25
Ethyl Acetate
Concen: 8.937 ppbv
RT: 5.67 min Scan# 897
Delta R.T. -0.00 min
Lab File: VL036290.D
Acq: 29 Jan 2021 11:12

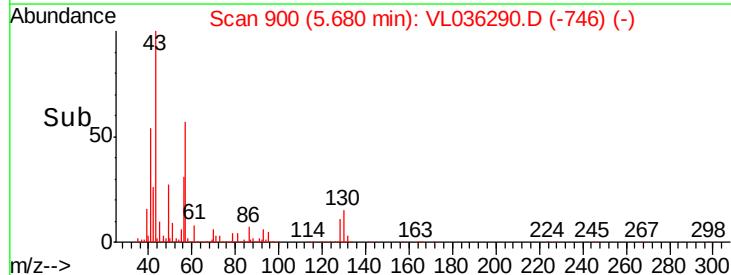
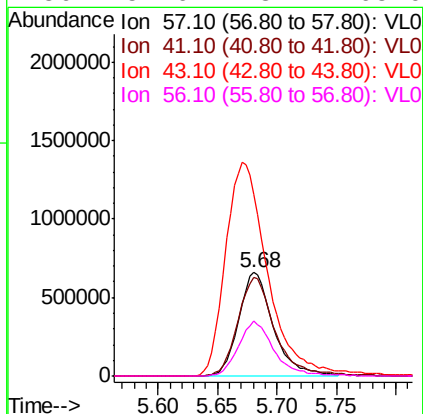
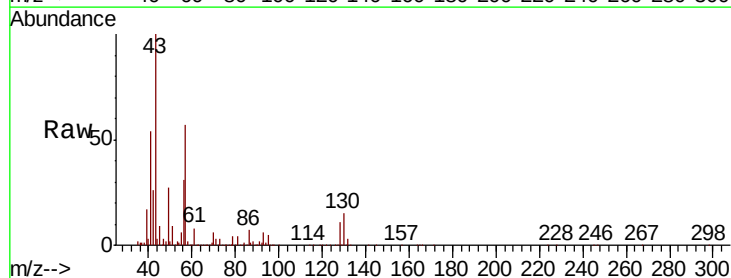
Instrument :
MSVOA_L
ClientSampleId :

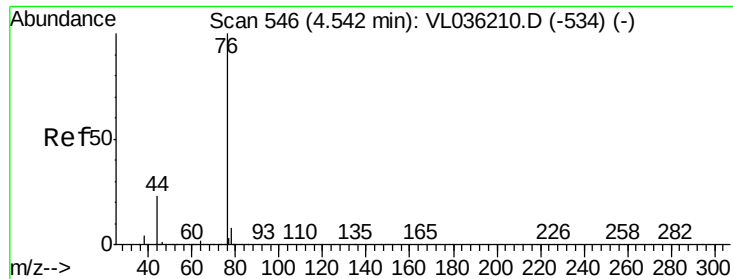
Tot Ion:	43	Resp:	3273168
Ion	Ratio	Lower	Upper
43	100		
45	10.5	8.3	12.5
61	9.6	7.4	11.2
70	6.9	5.5	8.3



#26
Hexane
Concen: 8.724 ppbv
RT: 5.68 min Scan# 900
Delta R.T. -0.00 min
Lab File: VL036290.D
Acq: 29 Jan 2021 11:12

Tgt Ion:	57	Resp:	1330251
Ion	Ratio	Lower	Upper
57	100		
41	102.4	83.0	124.6
43	251.2	202.4	303.6
56	54.6	43.4	65.0





#27

Carbon Disulfide

Concen: 11.461 ppbv

RT: 4.54 min Scan# 546

Delta R.T. -0.00 min

Lab File: VL036290.D

Acq: 29 Jan 2021 11:12

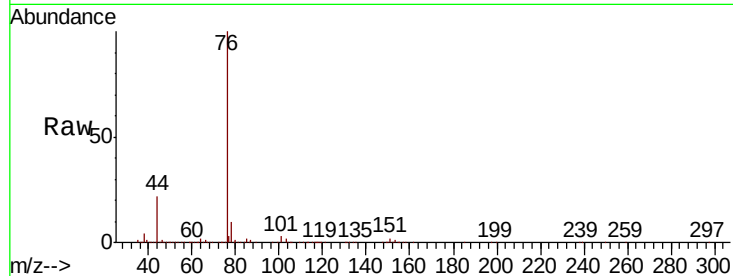
Instrument :

MSVOA_L

ClientSampleId :

Tot Ion: 76 Resp: 1397471

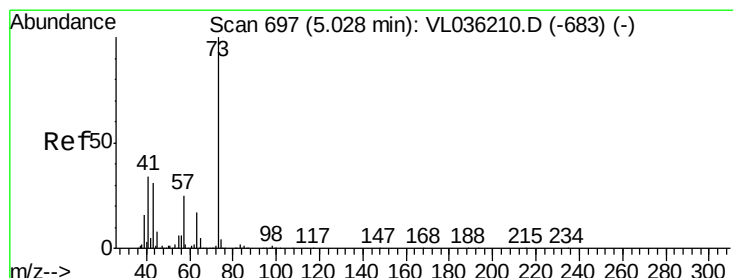
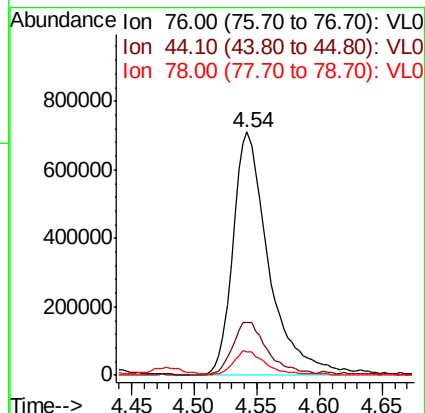
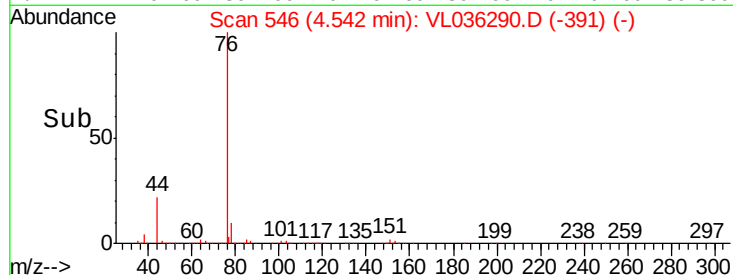
Ion	Ratio	Lower	Upper
76	100		
44	22.2	19.0	28.6
78	10.1	8.0	12.0



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: 9.356 ppbv

RT: 5.03 min Scan# 697

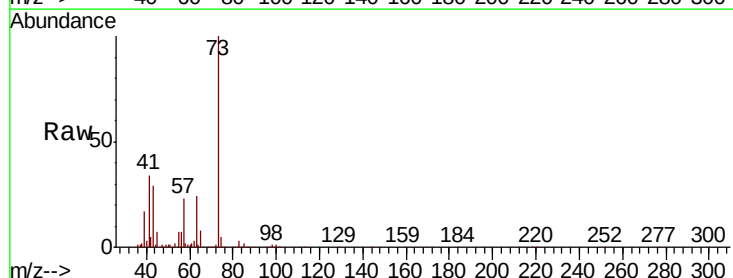
Delta R.T. -0.00 min

Lab File: VL036290.D

Acq: 29 Jan 2021 11:12

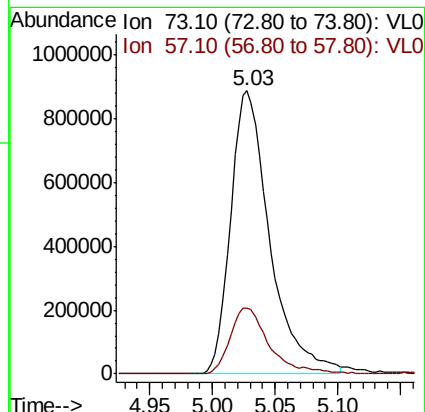
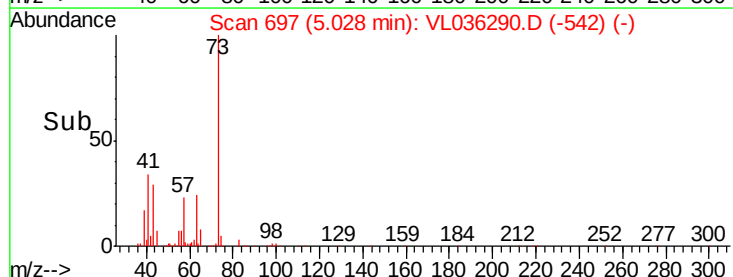
Tgt Ion: 73 Resp: 1929225

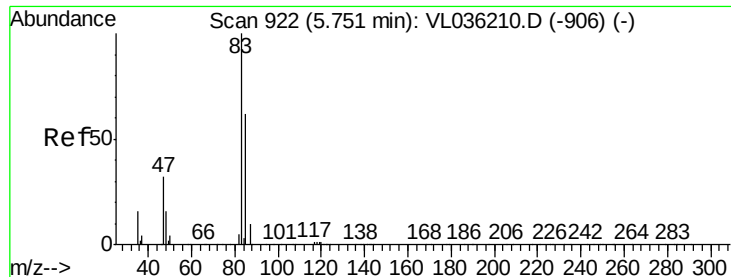
Ion	Ratio	Lower	Upper
73	100		
57	23.4	20.4	30.6



Abundance Ion 73.10 (72.80 to 73.80): VL0

Ion 57.10 (56.80 to 57.80): VL0

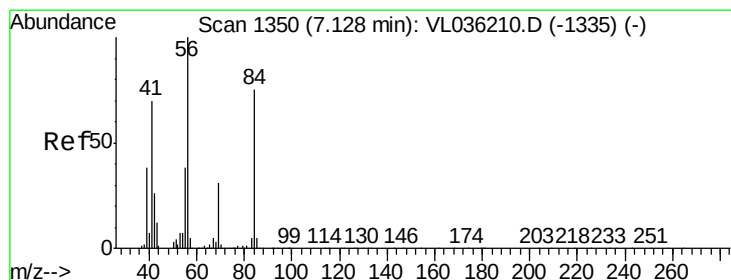
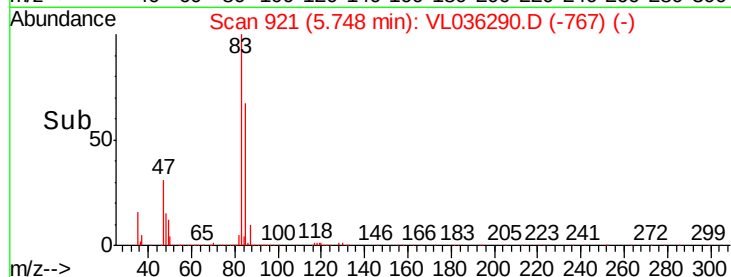
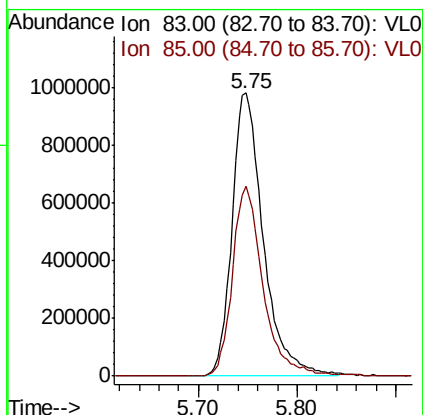
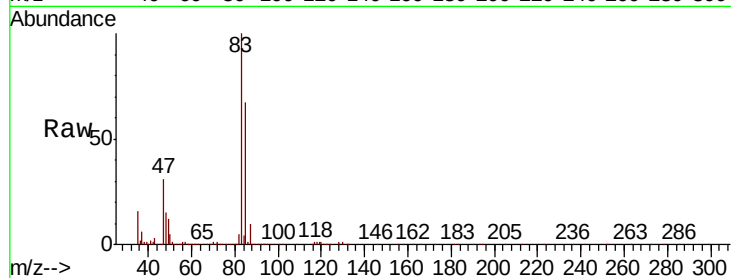




#29
Chloroform
Concen: 9.930 ppbv
RT: 5.75 min Scan# 921
Delta R.T. -0.00 min
Lab File: VL036290.D
Acq: 29 Jan 2021 11:12

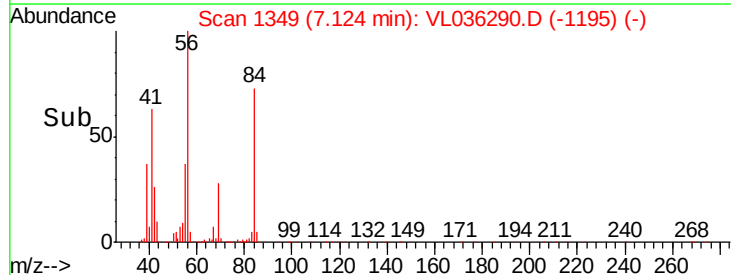
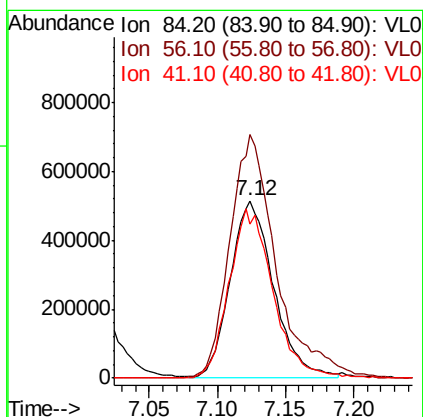
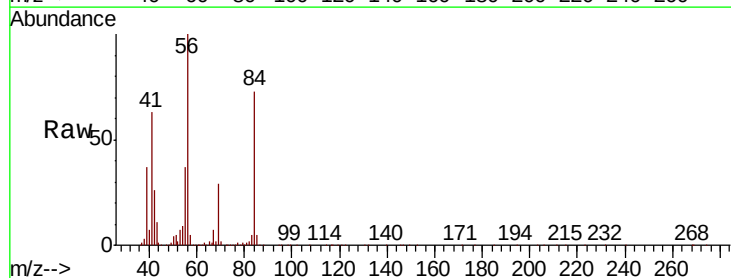
Instrument :
MSVOA_L
ClientSampled :

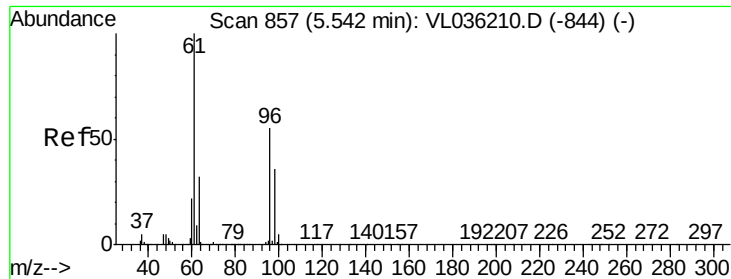
Tot Ion: 83 Resp: 2167920
Ion Ratio Lower Upper
83 100
85 66.6 49.3 73.9



#30
Cyclohexane
Concen: 9.699 ppbv
RT: 7.12 min Scan# 1349
Delta R.T. -0.00 min
Lab File: VL036290.D
Acq: 29 Jan 2021 11:12

Tgt Ion: 84 Resp: 1130153
Ion Ratio Lower Upper
84 100
56 149.0 119.4 179.0
41 97.2 79.4 119.0



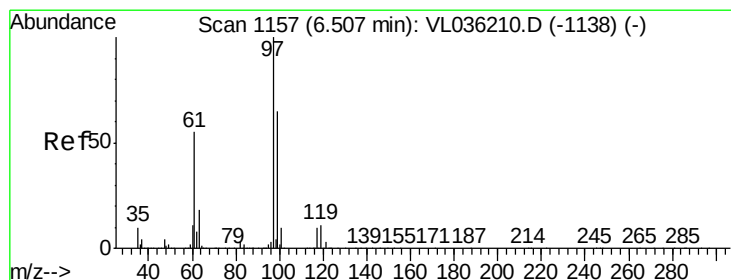
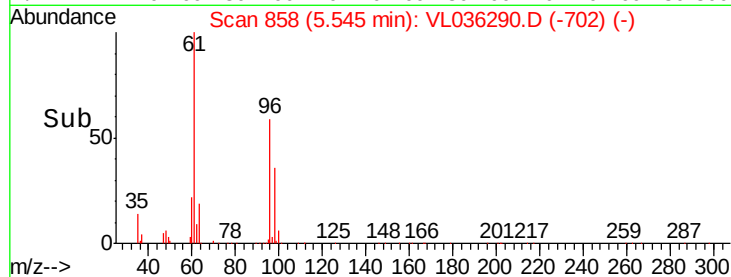
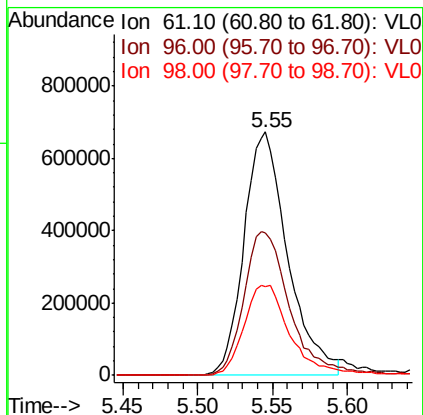
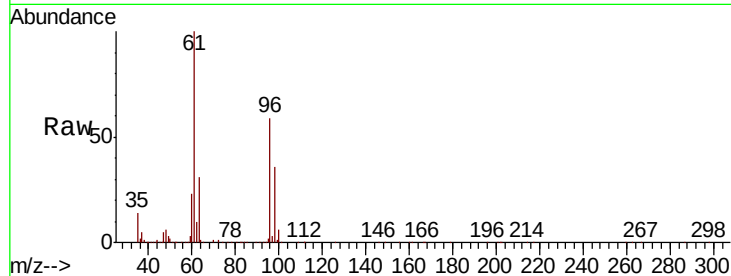


#31

cis-1,2-Dichloroethene
 Concen: 9.383 ppbv
 RT: 5.55 min Scan# 858
 Delta R.T. 0.00 min
 Lab File: VL036290.D
 Acq: 29 Jan 2021 11:12

Instrument :
 MSVOA_L
 ClientSampled :

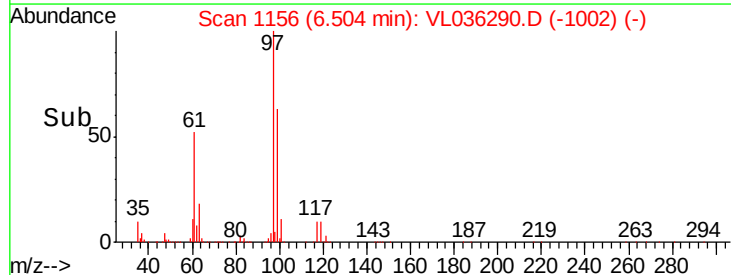
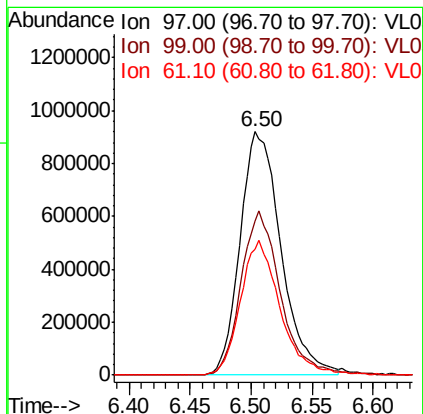
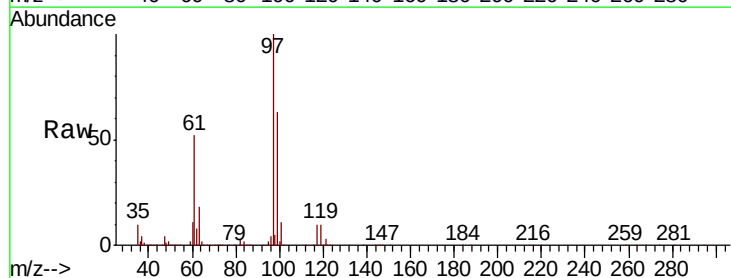
Tot Ion: 61 Resp: 1367464
 Ion Ratio Lower Upper
 61 100
 96 58.6 44.1 66.1
 98 36.3 28.6 42.8

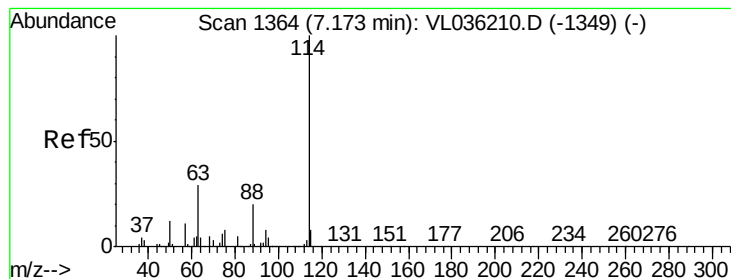


#32

1,1,1-Trichloroethane
 Concen: 10.136 ppbv
 RT: 6.50 min Scan# 1156
 Delta R.T. -0.00 min
 Lab File: VL036290.D
 Acq: 29 Jan 2021 11:12

Tgt Ion: 97 Resp: 2140246
 Ion Ratio Lower Upper
 97 100
 99 64.9 52.0 78.0
 61 53.6 43.6 65.4





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.17 min Scan# 1364

Delta R.T. -0.00 min

Lab File: VL036290.D

Acq: 29 Jan 2021 11:12

Instrument :

MSVOA_L

ClientSampleId :

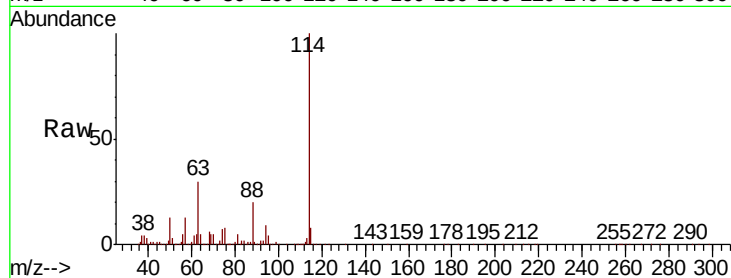
Tot Ion:114 Resp: 3355743

Ion Ratio Lower Upper

114 100

63 30.2 24.7 37.1

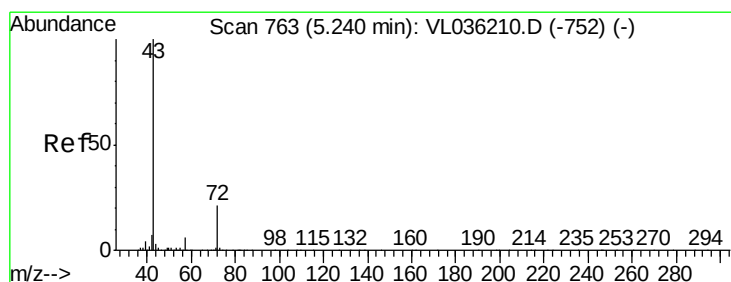
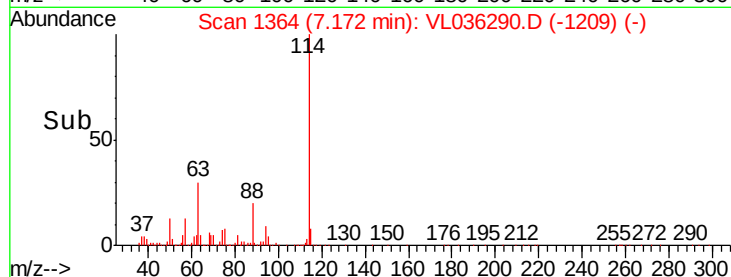
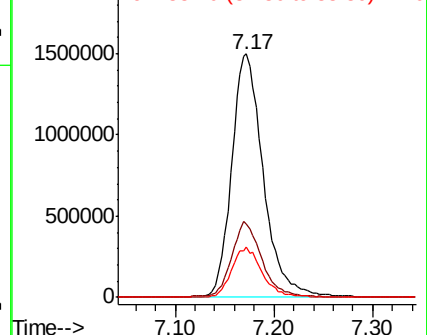
88 20.0 16.6 24.8



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: 8.299 ppbv

RT: 5.24 min Scan# 762

Delta R.T. -0.00 min

Lab File: VL036290.D

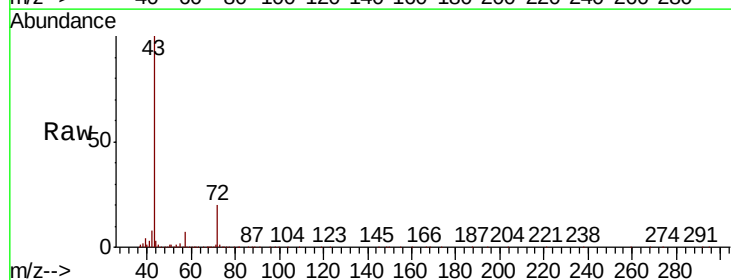
Acq: 29 Jan 2021 11:12

Tgt Ion: 43 Resp: 2050820

Ion Ratio Lower Upper

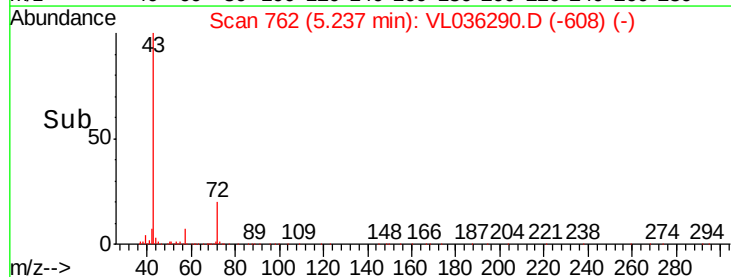
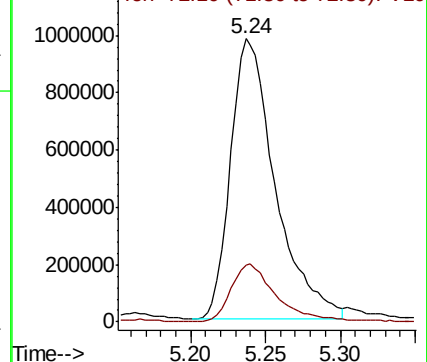
43 100

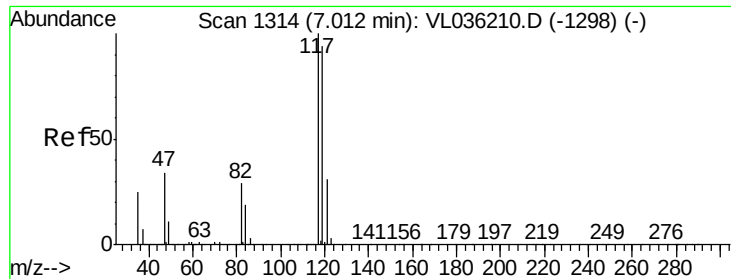
72 21.2 16.1 24.1



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 72.10 (71.80 to 72.80): VL0





#35

Carbon Tetrachloride

Concen: 10.293 ppbv

RT: 7.01 min Scan# 1314

Delta R.T. -0.00 min

Lab File: VL036290.D

Acq: 29 Jan 2021 11:12

Instrument :

MSVOA_L

ClientSampleId :

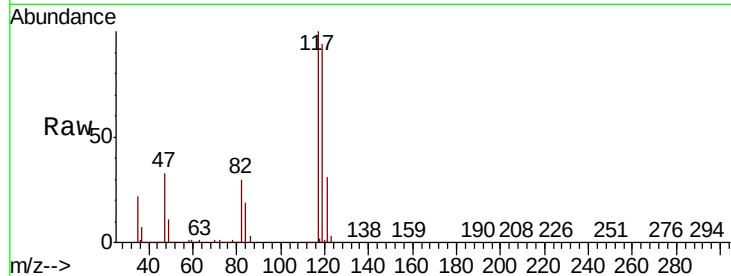
Tot Ion:117 Resp: 2182256

Ion Ratio Lower Upper

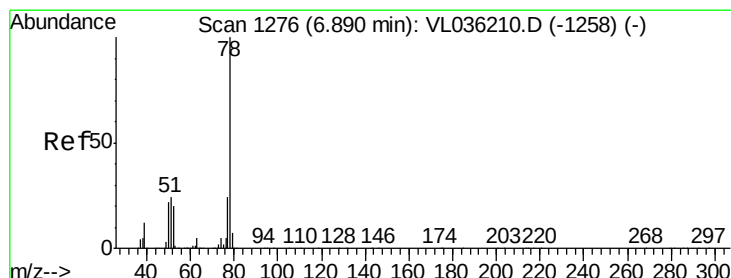
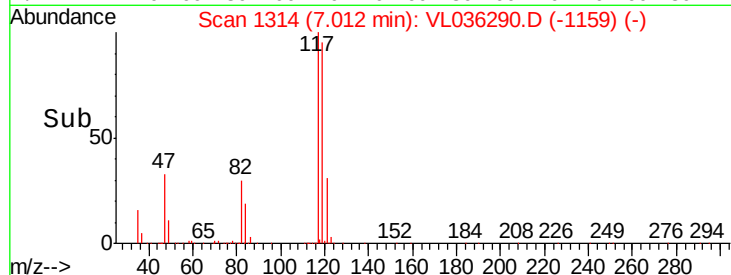
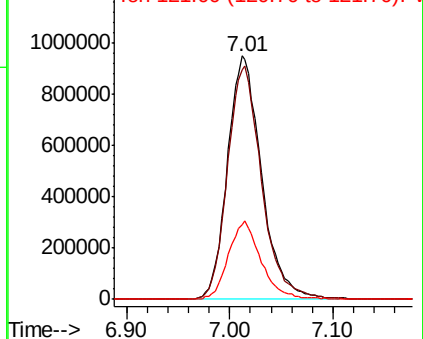
117 100

119 94.2 74.9 112.3

121 30.9 25.0 37.6



Abundance Ion 117.00 (116.70 to 117.70): V
Ion 119.00 (118.70 to 119.70): V
Ion 121.00 (120.70 to 121.70): V



#36

Benzene

Concen: 9.123 ppbv

RT: 6.89 min Scan# 1275

Delta R.T. -0.00 min

Lab File: VL036290.D

Acq: 29 Jan 2021 11:12

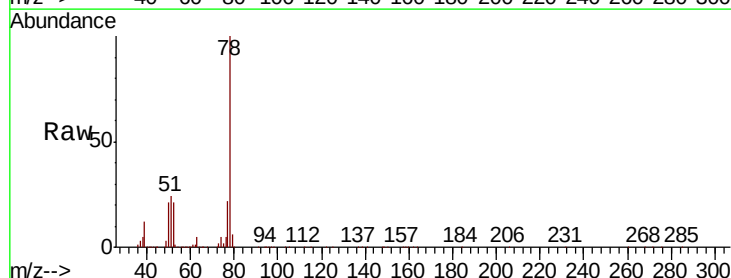
Tgt Ion: 78 Resp: 2805264

Ion Ratio Lower Upper

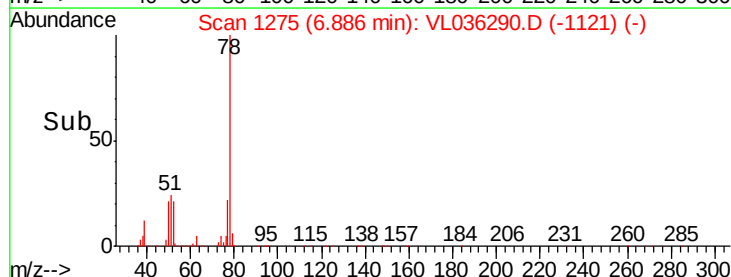
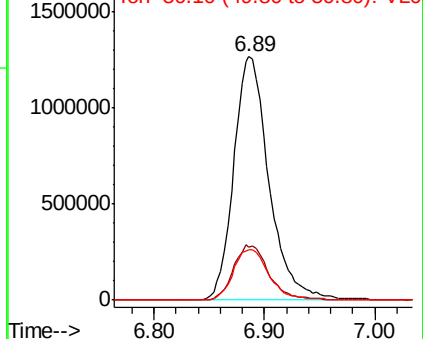
78 100

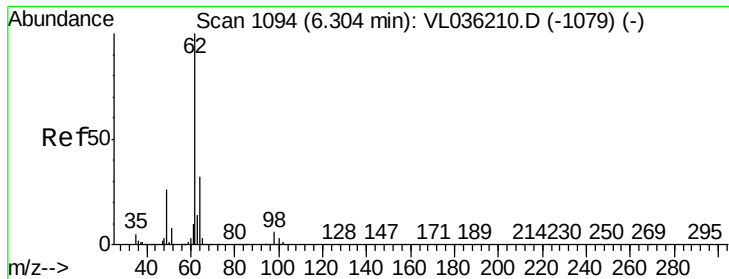
77 22.0 19.4 29.0

50 20.8 17.4 26.2



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

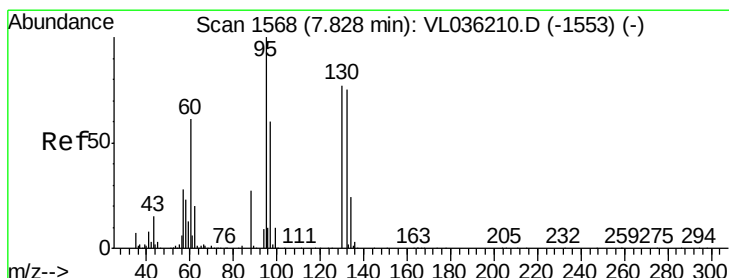
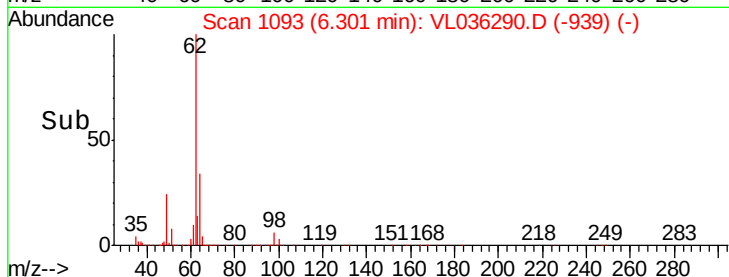
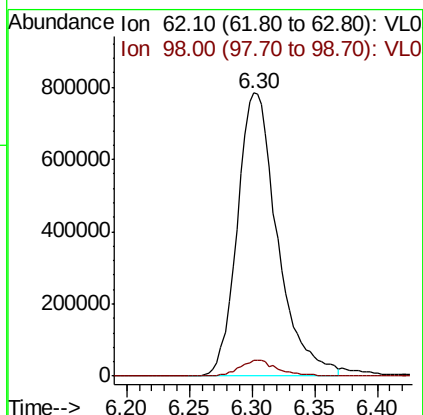
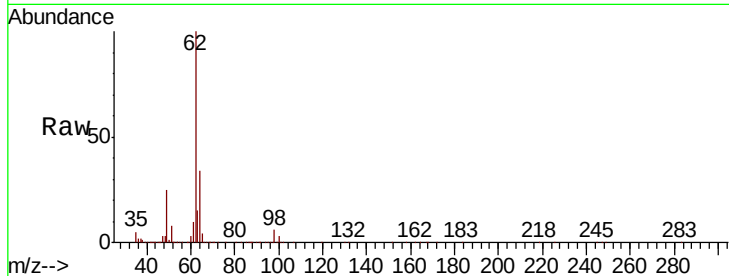




#37
 1,2-Dichloroethane
 Concen: 9.410 ppbv
 RT: 6.30 min Scan# 1093
 Delta R.T. -0.00 min
 Lab File: VL036290.D
 Acq: 29 Jan 2021 11:12

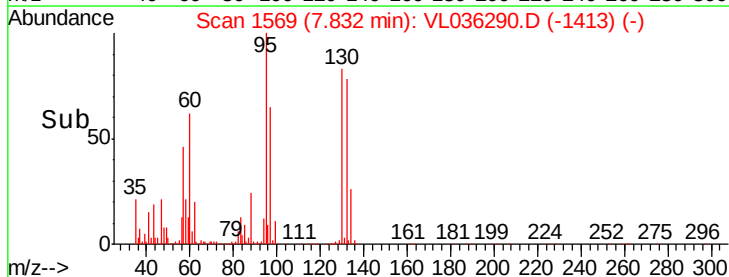
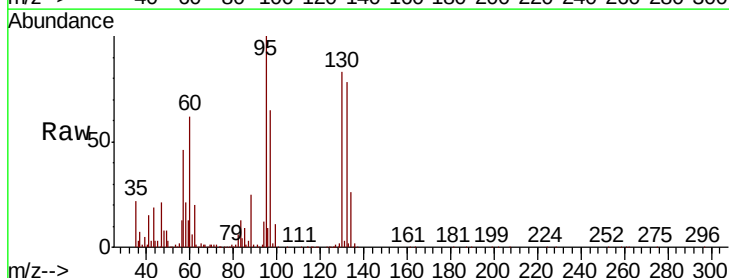
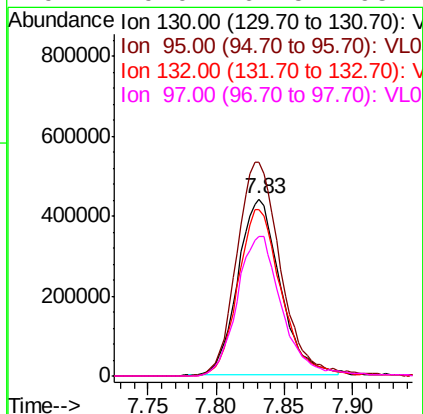
Instrument :
 MSVOA_L
 ClientSampleId :

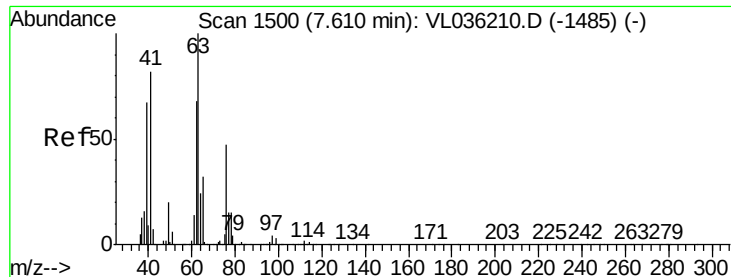
Tot Ion: 62 Resp: 1741150
 Ion Ratio Lower Upper
 62 100
 98 5.7 4.4 6.6



#38
 Trichloroethene
 Concen: 8.336 ppbv
 RT: 7.83 min Scan# 1569
 Delta R.T. 0.00 min
 Lab File: VL036290.D
 Acq: 29 Jan 2021 11:12

Tgt Ion: 130 Resp: 949298
 Ion Ratio Lower Upper
 130 100
 95 121.3 103.9 155.9
 132 94.1 77.4 116.2
 97 79.0 62.5 93.7



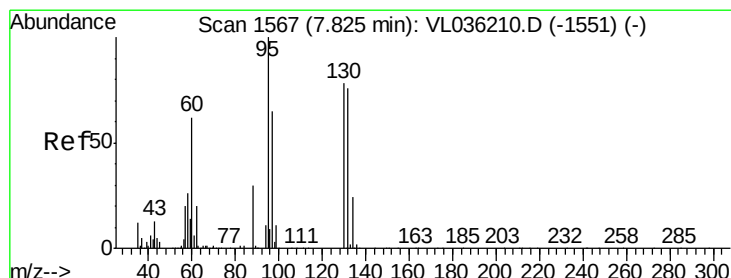
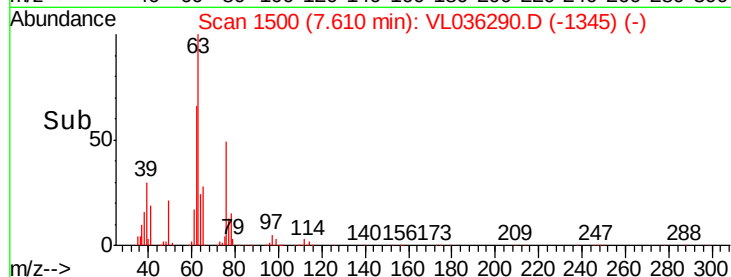
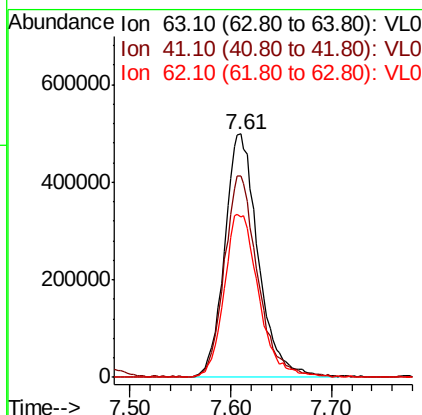
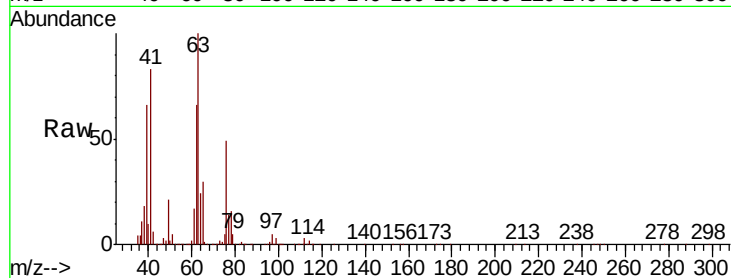


#39
 1,2-Dichloropropane
 Concen: 9.181 ppbv
 RT: 7.61 min Scan# 1500
 Delta R.T. -0.00 min
 Lab File: VL036290.D
 Acq: 29 Jan 2021 11:12

Instrument :
 MSVOA_L
 ClientSampleId :

Tot Ion: 63 Resp: 1146185

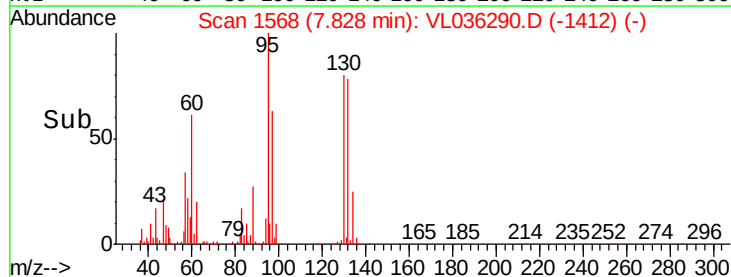
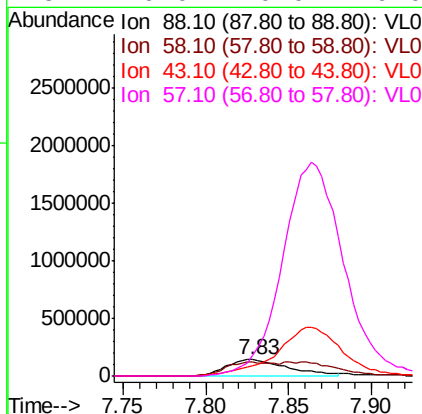
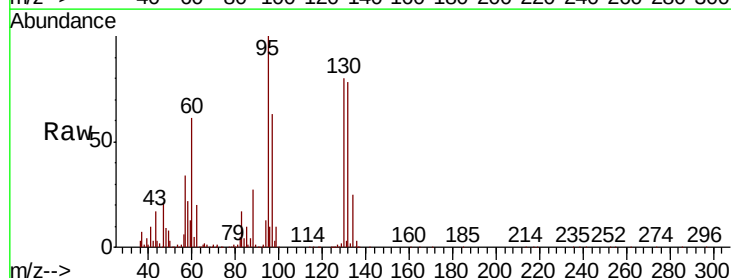
Ion	Ratio	Lower	Upper
63	100		
41	82.7	66.1	99.1
62	66.2	54.8	82.2

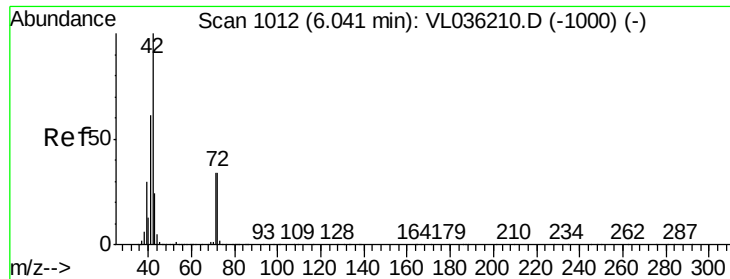


#40
 1,4-Dioxane
 Concen: 8.062 ppbv
 RT: 7.83 min Scan# 1568
 Delta R.T. 0.00 min
 Lab File: VL036290.D
 Acq: 29 Jan 2021 11:12

Tgt Ion: 88 Resp: 364070

Ion	Ratio	Lower	Upper
88	100		
58	0.0	123.0	184.6#
43	0.0	0.0	0.0
57	0.0	0.0	0.0

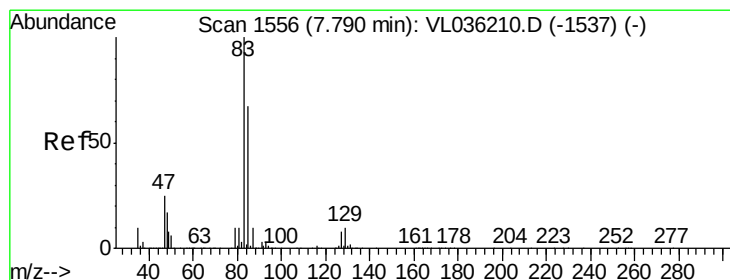
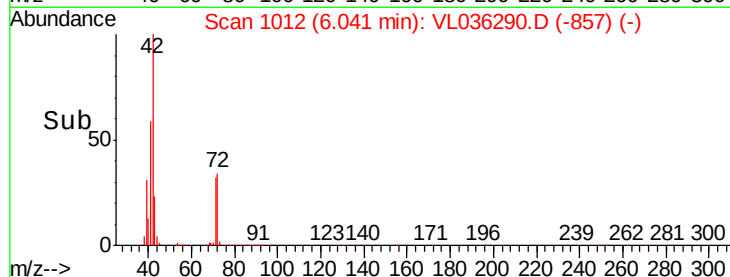
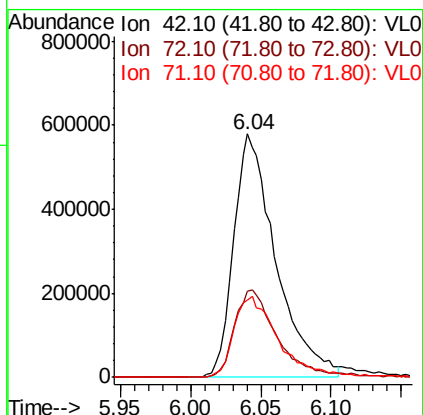
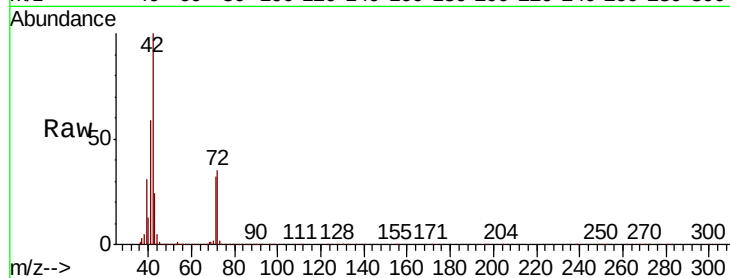




#41
Tetrahydrofuran
Concen: 8.478 ppbv
RT: 6.04 min Scan# 1012
Delta R.T. -0.00 min
Lab File: VL036290.D
Acq: 29 Jan 2021 11:12

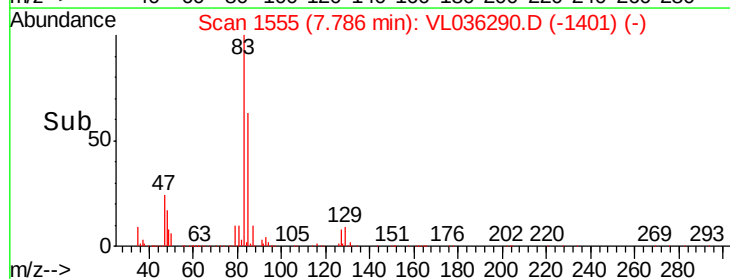
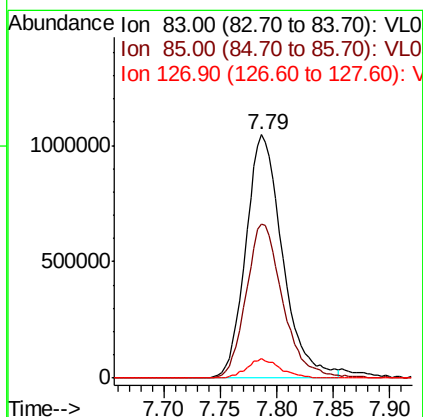
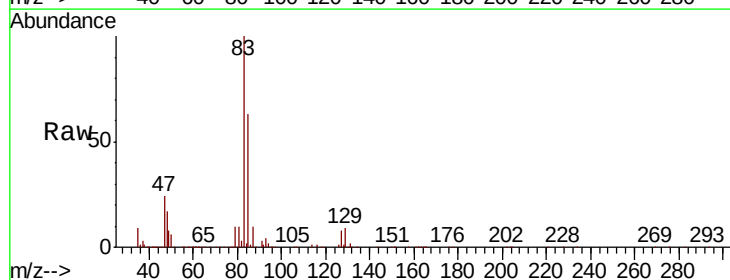
Instrument :
MSVOA_L
ClientSampleId :

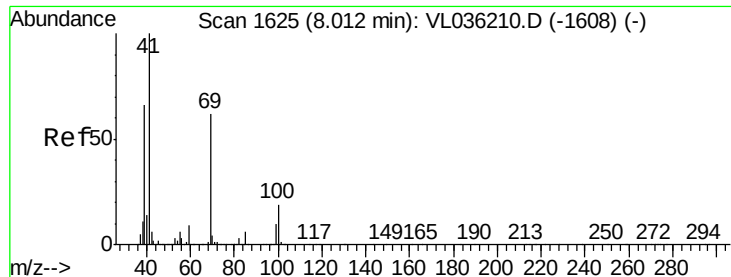
Tot Ion: 42 Resp: 1210838
Ion Ratio Lower Upper
42 100
72 37.3 29.5 44.3
71 35.8 29.1 43.7



#42
Bromodichloromethane
Concen: 10.149 ppbv
RT: 7.79 min Scan# 1555
Delta R.T. -0.00 min
Lab File: VL036290.D
Acq: 29 Jan 2021 11:12

Tgt Ion: 83 Resp: 2360062
Ion Ratio Lower Upper
83 100
85 63.4 53.4 80.2
127 7.9 6.2 9.2





#43

Methyl Methacrylate

Concen: 9.473 ppbv

RT: 8.01 min Scan# 1624

Delta R.T. -0.00 min

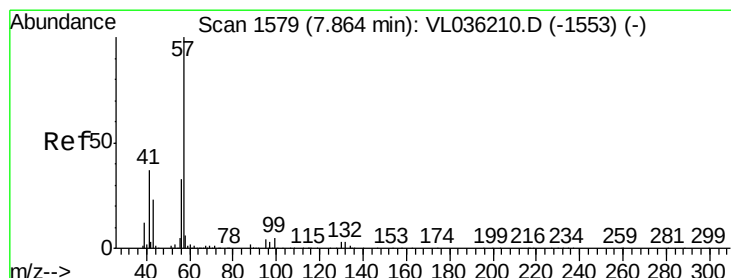
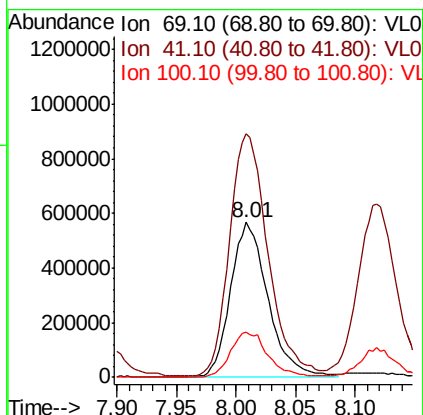
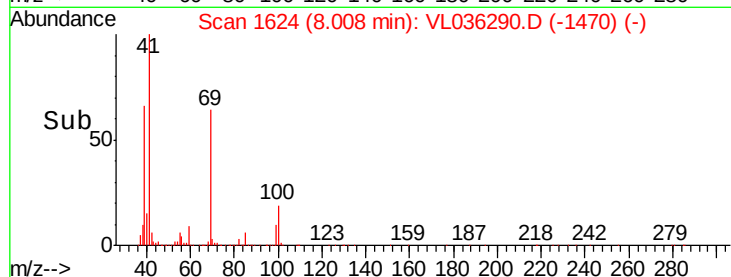
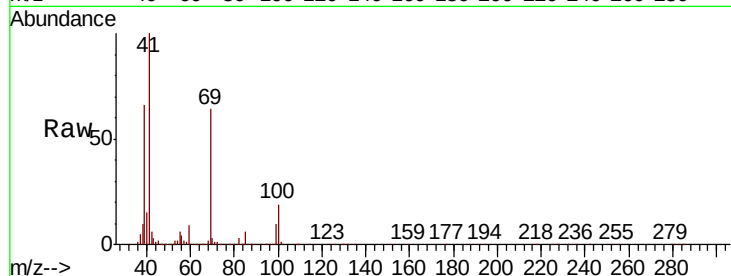
Lab File: VL036290.D

Acq: 29 Jan 2021 11:12

Instrument :
MSVOA_L
ClientSampleId :

Tot Ion: 69 Resp: 1237860

Ion	Ratio	Lower	Upper
69	100		
41	161.7	133.4	200.2
100	29.7	24.3	36.5



#44

2,2,4-Trimethylpentane

Concen: 8.543 ppbv

RT: 7.86 min Scan# 1579

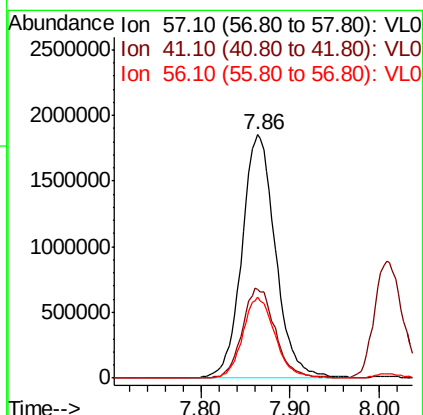
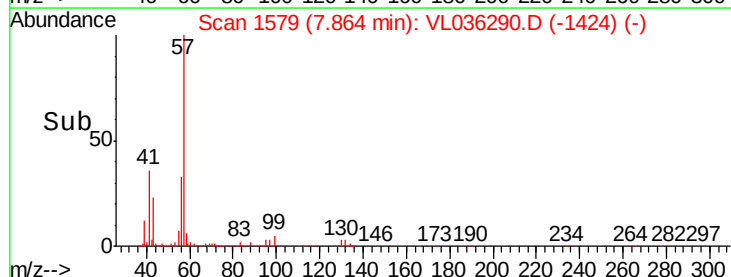
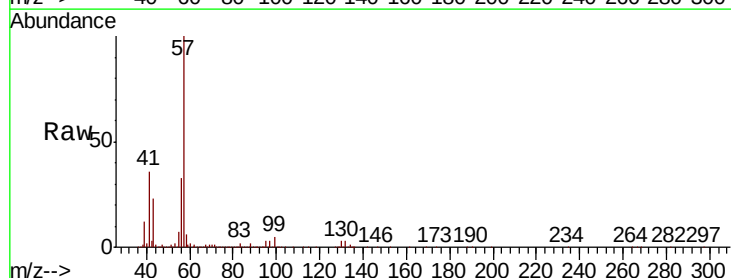
Delta R.T. -0.00 min

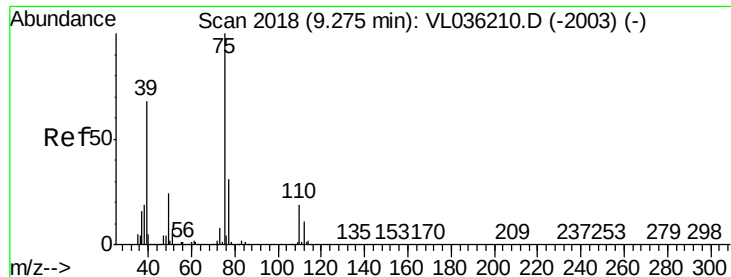
Lab File: VL036290.D

Acq: 29 Jan 2021 11:12

Tgt Ion: 57 Resp: 4824759

Ion	Ratio	Lower	Upper
57	100		
41	36.2	28.5	42.7
56	32.0	25.5	38.3





#45

t-1,3-Dichloropropene

Concen: 10.884 ppbv

RT: 9.28 min Scan# 2018

Delta R.T. -0.00 min

Lab File: VL036290.D

Acq: 29 Jan 2021 11:12

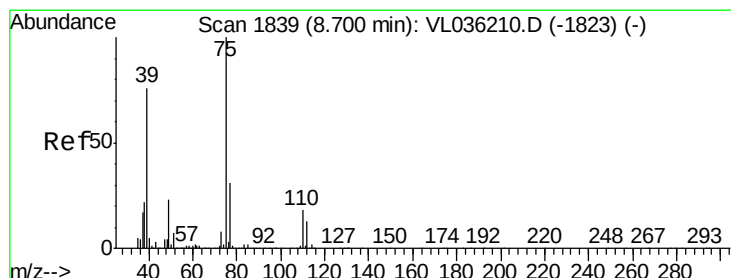
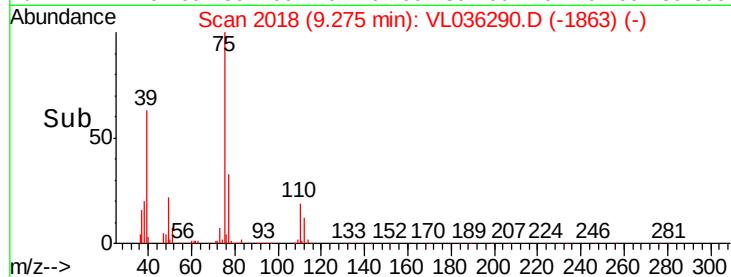
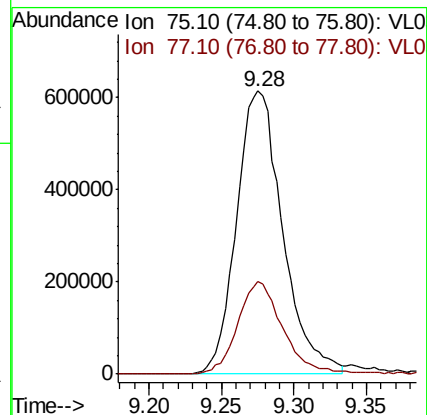
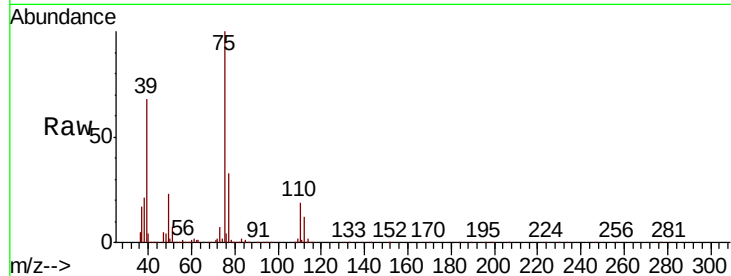
Instrument :
MSVOA_L
ClientSampleId :

Tot Ion: 75 Resp: 1350885

Ion Ratio Lower Upper

75 100

77 32.6 24.7 37.1



#46

cis-1,3-Dichloropropene

Concen: 10.262 ppbv

RT: 8.70 min Scan# 1839

Delta R.T. -0.00 min

Lab File: VL036290.D

Acq: 29 Jan 2021 11:12

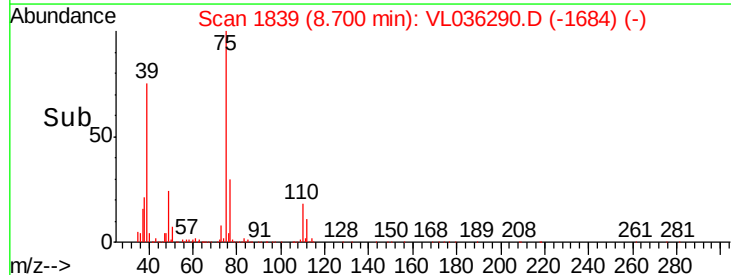
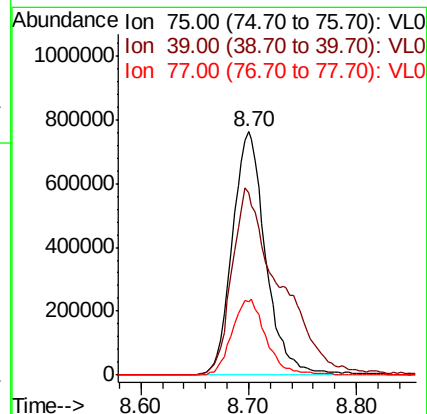
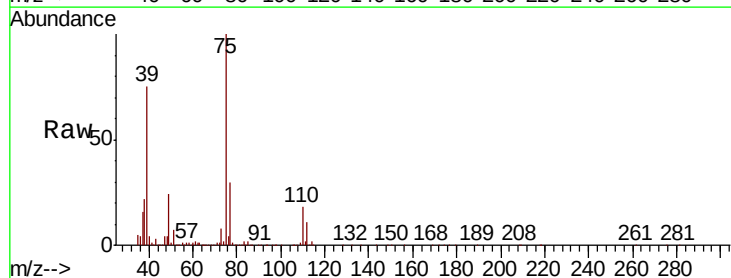
Tgt Ion: 75 Resp: 1636693

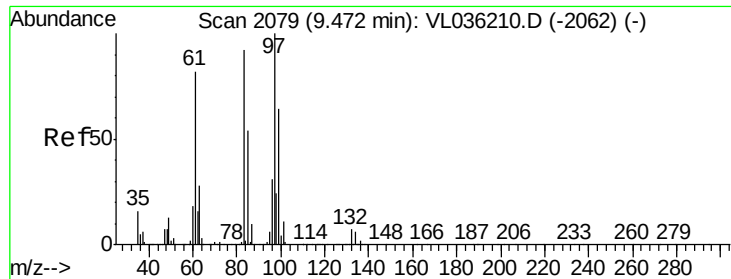
Ion Ratio Lower Upper

75 100

39 74.8 61.2 91.8

77 30.1 24.6 37.0





#47

1,1,2-Trichloroethane

Concen: 9.167 ppbv

RT: 9.47 min Scan# 2079

Delta R.T. -0.00 min

Lab File: VL036290.D

Acq: 29 Jan 2021 11:12

Instrument :

MSVOA_L

ClientSampleId :

Tot Ion: 97 Resp: 1094788

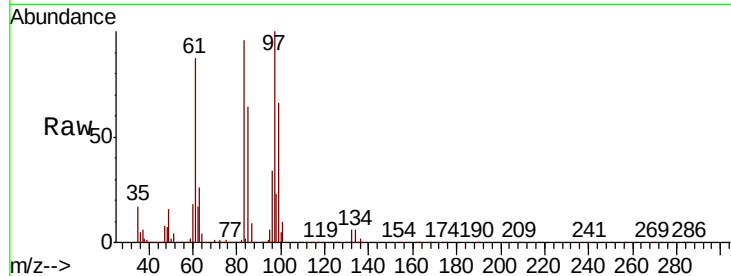
Ion	Ratio	Lower	Upper
97	100		
83	95.7	73.3	109.9
85	63.7	43.2	64.8
99	65.5	51.5	77.3

97 100

83 95.7 73.3 109.9

85 63.7 43.2 64.8

99 65.5 51.5 77.3



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

600000

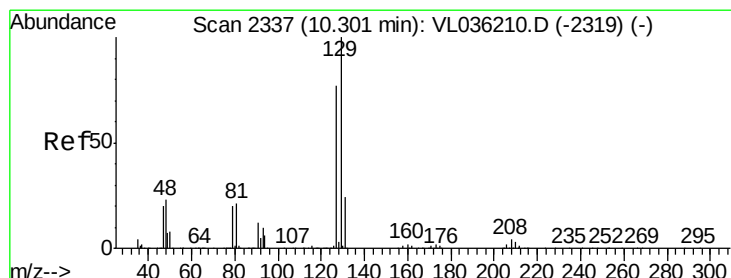
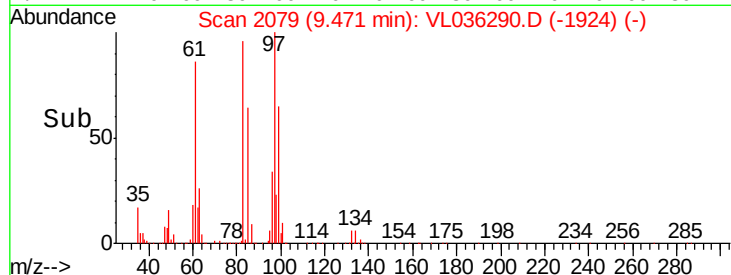
400000

200000

0

9.40 9.45 9.50 9.55

Time-->



#48

Dibromochloromethane

Concen: 10.251 ppbv

RT: 10.30 min Scan# 2337

Delta R.T. -0.00 min

Lab File: VL036290.D

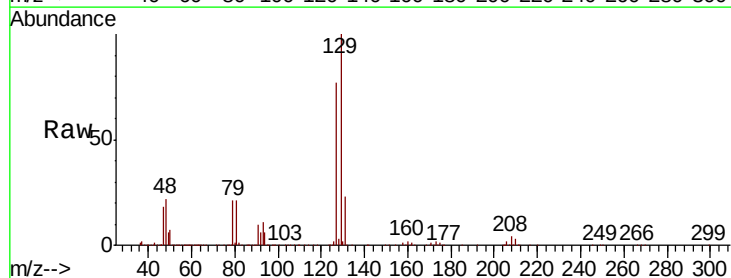
Acq: 29 Jan 2021 11:12

Tgt Ion: 129 Resp: 1791219

Ion	Ratio	Lower	Upper
129	100		
127	79.1	39.6	118.8

129 100

127 79.1 39.6 118.8



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

800000

600000

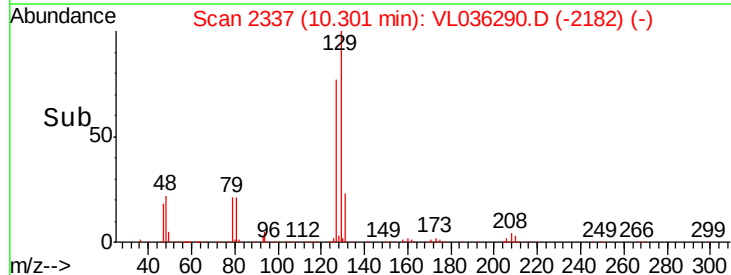
400000

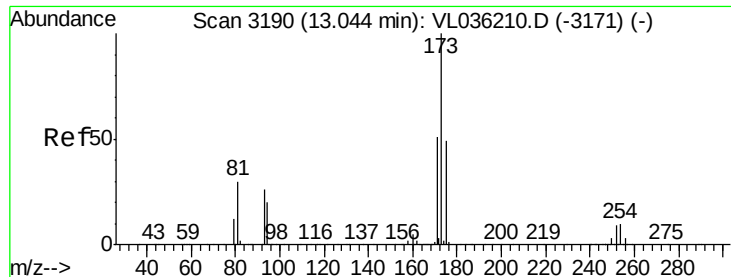
200000

0

10.20 10.30 10.40

Time-->





#49

Bromoform

Concen: 9.802 ppbv

RT: 13.04 min Scan# 3189

Delta R.T. -0.00 min

Lab File: VL036290.D

Acq: 29 Jan 2021 11:12

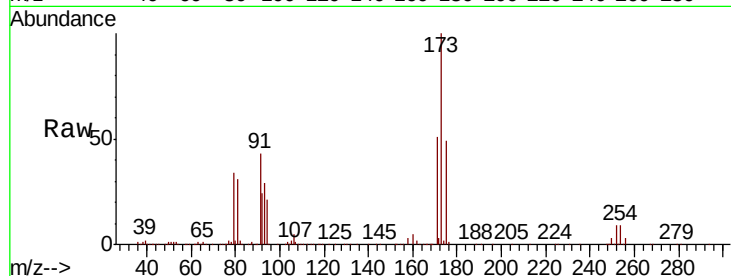
Instrument :

MSVOA_L

ClientSampleId :

Tot Ion:173 Resp: 1429648

Ion	Ratio	Lower	Upper
173	100		
175	50.5	40.7	61.1
171	53.2	43.0	64.6

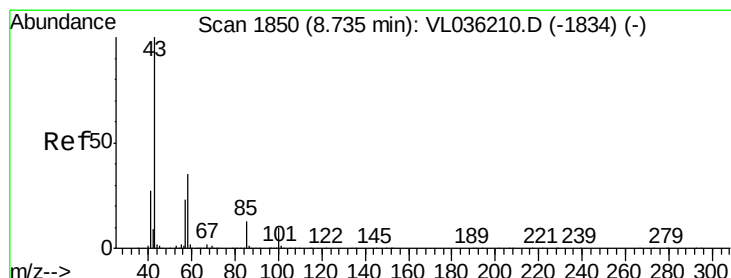
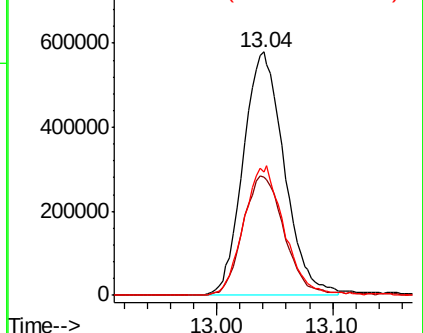
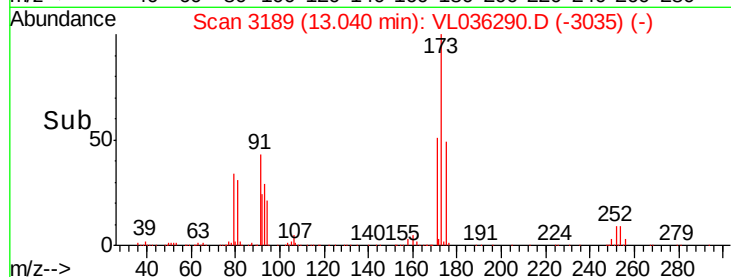


Abundance

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: 8.799 ppbv

RT: 8.74 min Scan# 1851

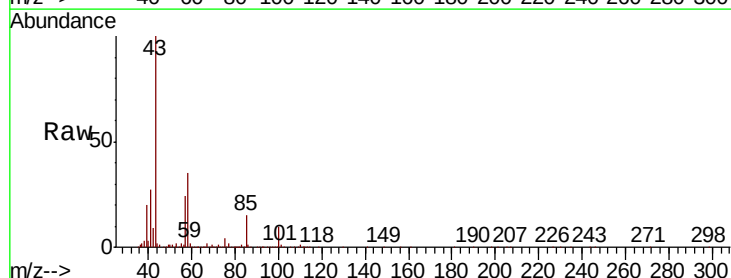
Delta R.T. 0.00 min

Lab File: VL036290.D

Acq: 29 Jan 2021 11:12

Tgt Ion: 43 Resp: 3242113

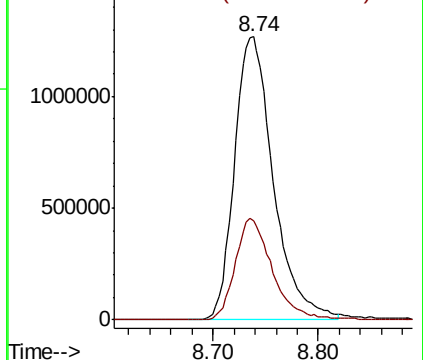
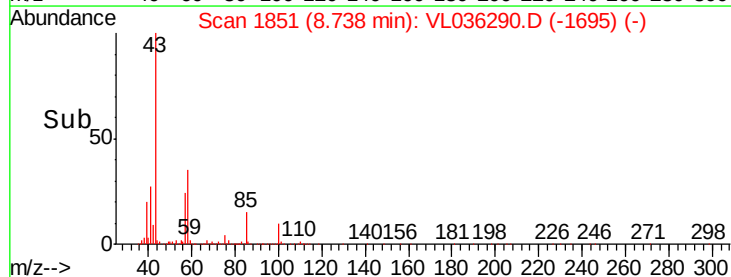
Ion	Ratio	Lower	Upper
43	100		
58	34.5	27.6	41.4

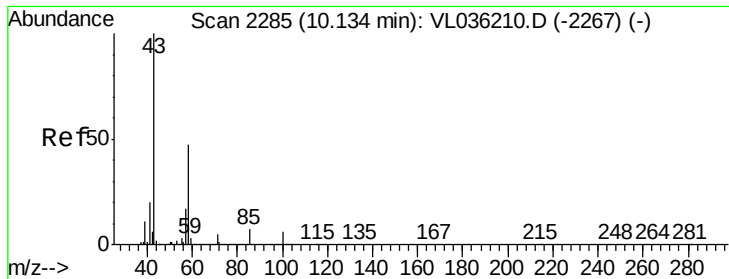


Abundance

Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

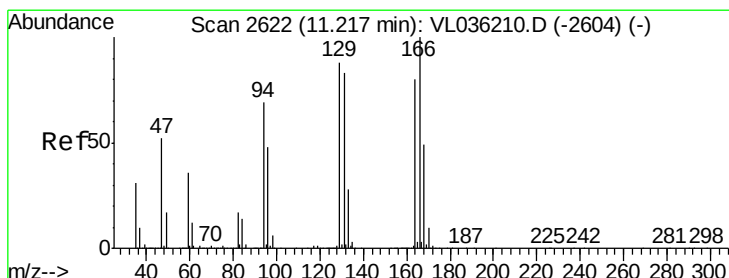
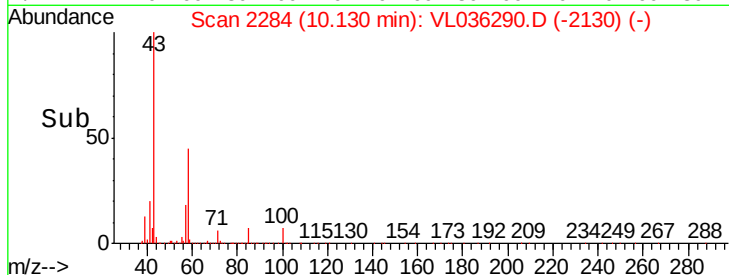
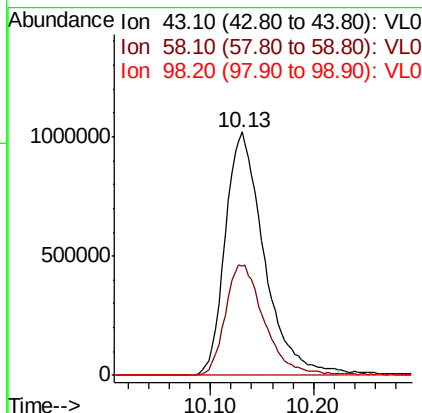
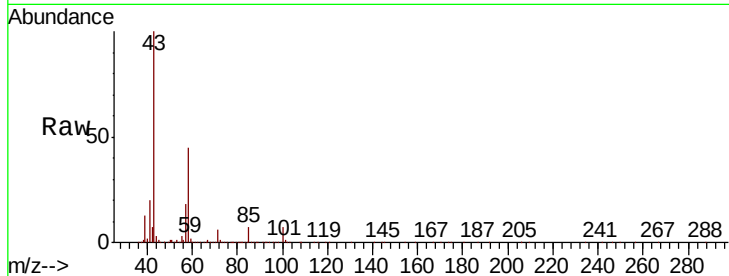




#51
2-Hexanone
Concen: 9.179 ppbv
RT: 10.13 min Scan# 2284
Delta R.T. -0.00 min
Lab File: VL036290.D
Acq: 29 Jan 2021 11:12

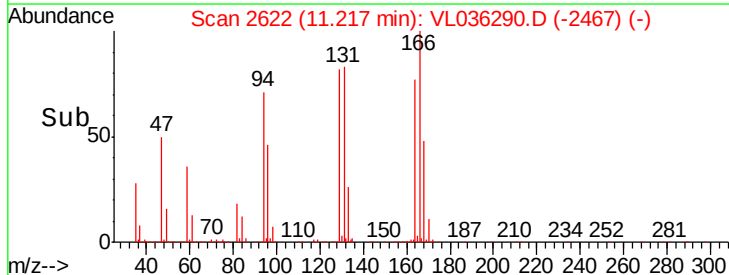
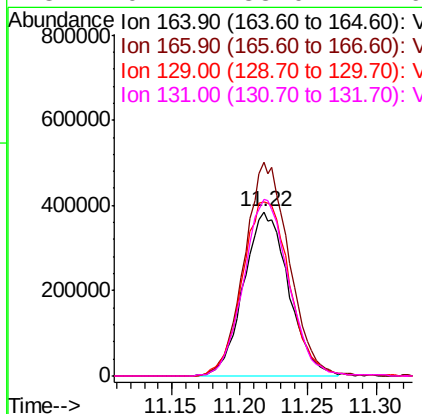
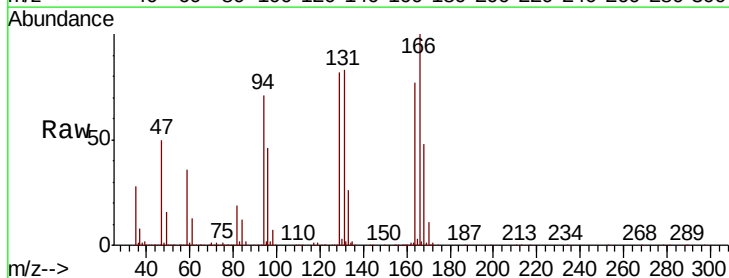
Instrument :
MSVOA_L
ClientSampleId :

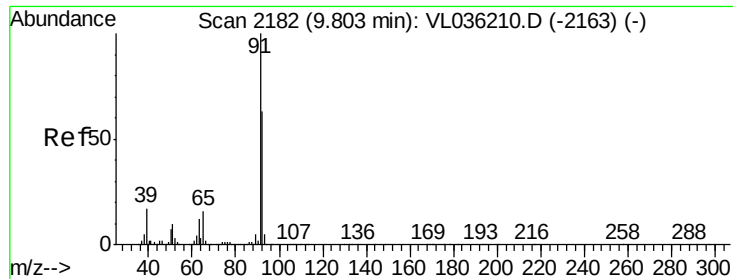
Tot Ion: 43 Resp: 2668139
Ion Ratio Lower Upper
43 100
58 46.4 37.4 56.0
98 0.4 0.2 0.2#



#52
Tetrachloroethene
Concen: 7.738 ppbv
RT: 11.22 min Scan# 2622
Delta R.T. -0.00 min
Lab File: VL036290.D
Acq: 29 Jan 2021 11:12

Tgt Ion: 164 Resp: 876807
Ion Ratio Lower Upper
164 100
166 129.9 99.9 149.9
129 106.3 88.2 132.4
131 107.2 83.0 124.6





#53

Toluene

Concen: 9.041 ppbv

RT: 9.80 min Scan# 2182

Delta R.T. -0.00 min

Lab File: VL036290.D

Acq: 29 Jan 2021 11:12

Instrument :

MSVOA_L

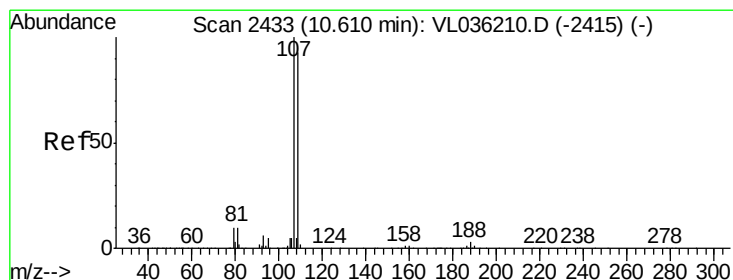
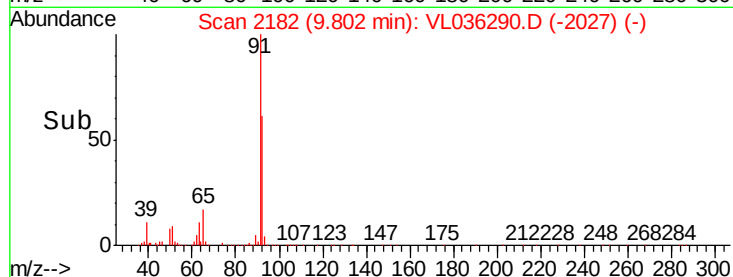
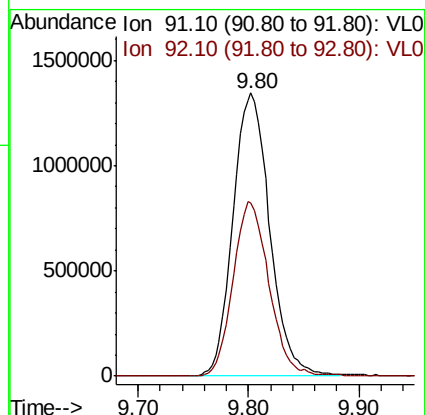
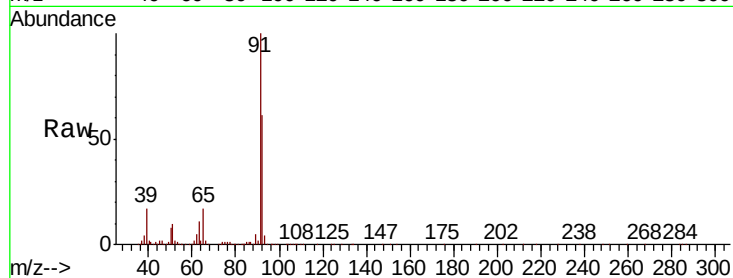
ClientSampleId :

Tot Ion: 91 Resp: 3109793

Ion Ratio Lower Upper

91 100

92 60.5 48.5 72.7



#54

1,2-Dibromoethane

Concen: 9.162 ppbv

RT: 10.61 min Scan# 2432

Delta R.T. -0.00 min

Lab File: VL036290.D

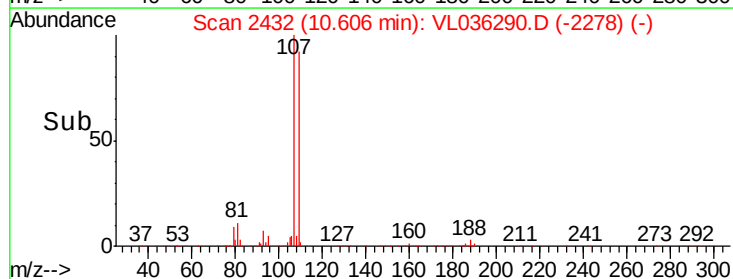
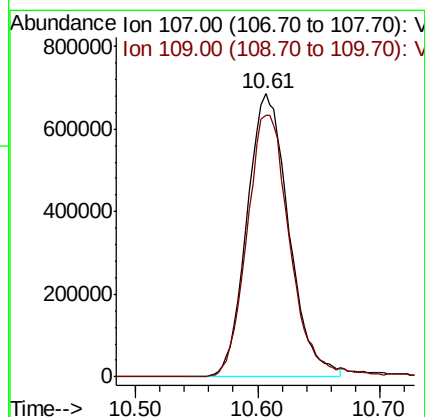
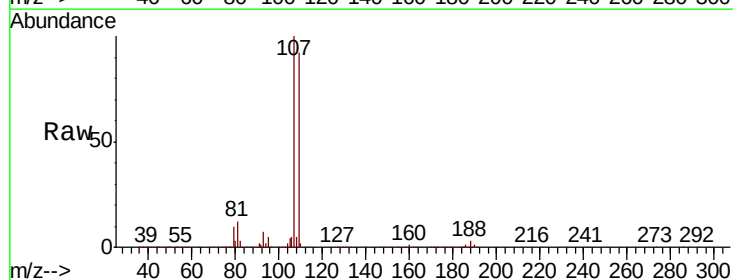
Acq: 29 Jan 2021 11:12

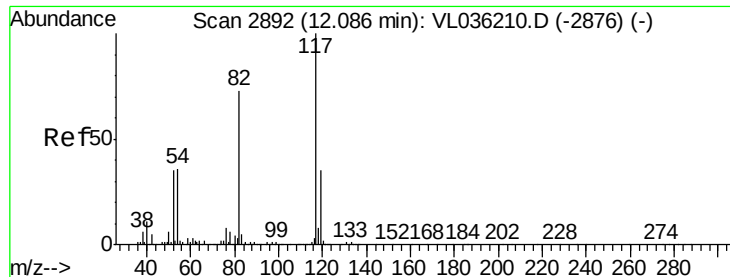
Tgt Ion: 107 Resp: 1622104

Ion Ratio Lower Upper

107 100

109 92.3 74.5 111.7





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.08 min Scan# 2891

Delta R.T. -0.00 min

Lab File: VL036290.D

Acq: 29 Jan 2021 11:12

Instrument :

MSVOA_L

ClientSampleId :

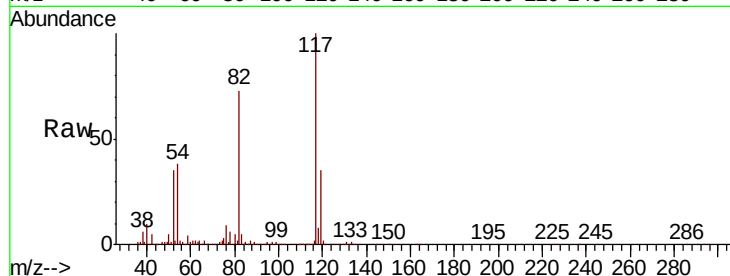
Tot Ion:117 Resp: 3928190

Ion Ratio Lower Upper

117 100

82 59.2 59.7 89.5#

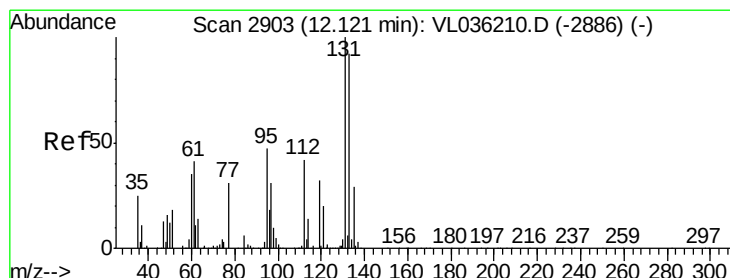
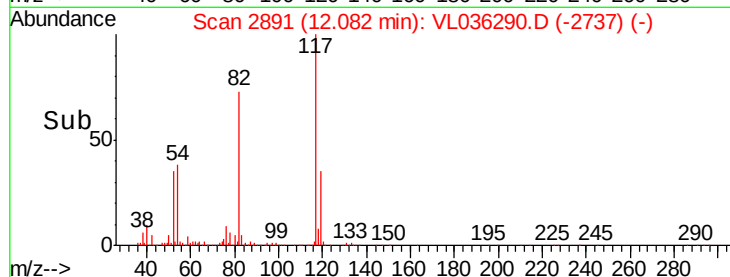
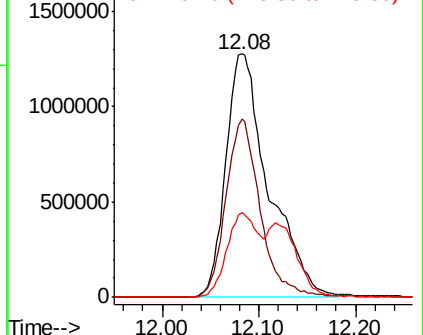
119 25.8 28.6 43.0#



Abundance Ion 117.10 (116.80 to 117.80): V

Ion 82.10 (81.80 to 82.80): VL0

Ion 119.10 (118.80 to 119.80): V



#56

1,1,1,2-Tetrachloroethane

Concen: 7.646 ppbv

RT: 12.12 min Scan# 2904

Delta R.T. 0.00 min

Lab File: VL036290.D

Acq: 29 Jan 2021 11:12

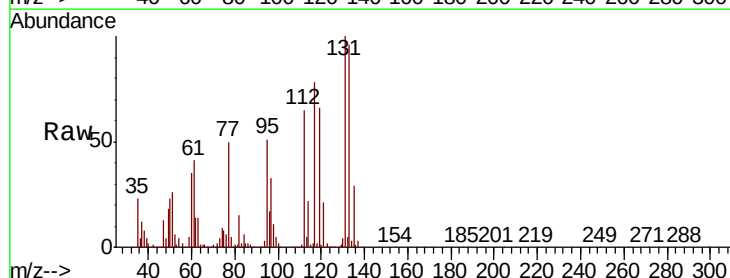
Tgt Ion:131 Resp: 1340400

Ion Ratio Lower Upper

131 100

133 94.1 76.5 114.7

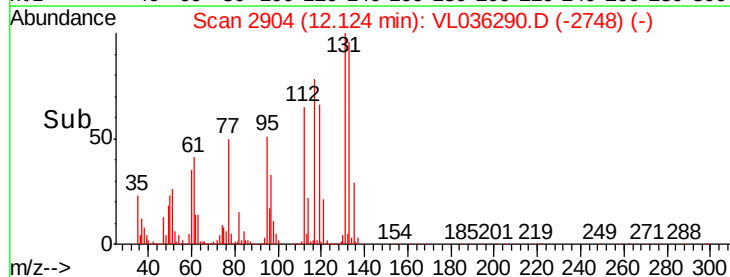
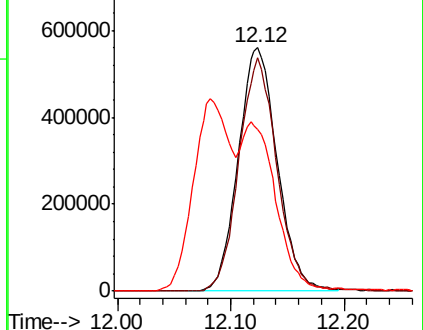
119 67.4 45.4 68.0

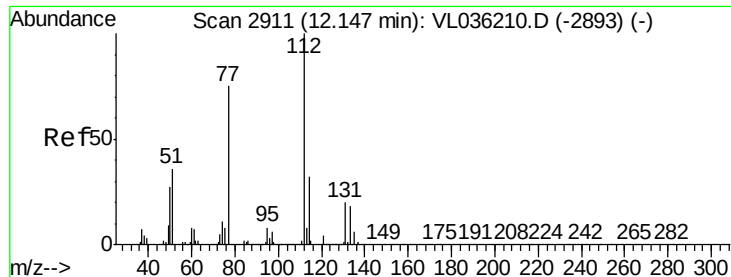


Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V





#57

Chlorobenzene

Concen: 6.963 ppbv

RT: 12.15 min Scan# 2911

Delta R.T. -0.00 min

Lab File: VL036290.D

Acq: 29 Jan 2021 11:12

Instrument :

MSVOA_L

ClientSampled :

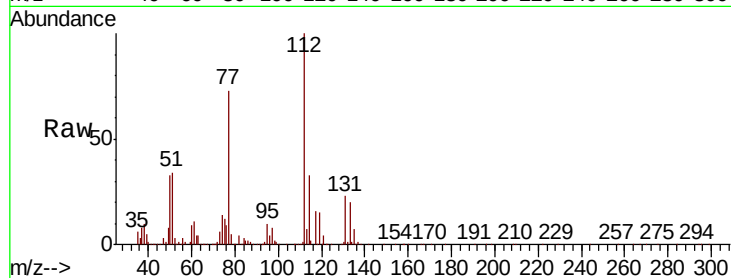
Tot Ion: 112 Resp: 2145978

Ion Ratio Lower Upper

112 100

77 71.9 59.6 89.4

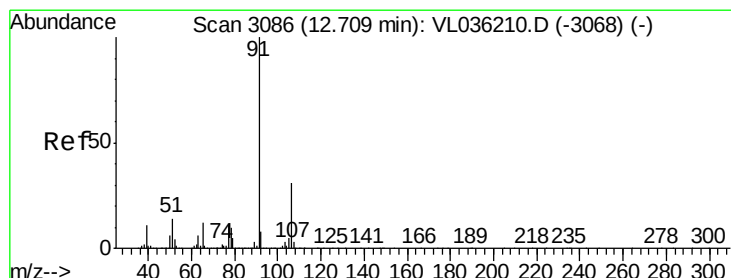
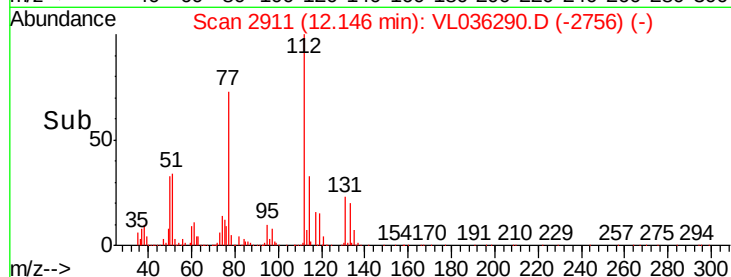
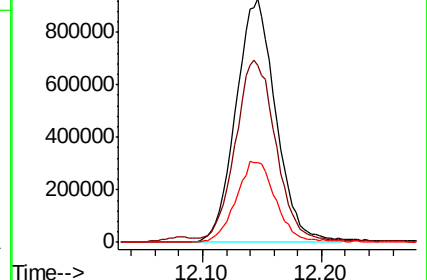
114 32.6 28.7 35.1



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: 7.125 ppbv

RT: 12.71 min Scan# 3086

Delta R.T. -0.00 min

Lab File: VL036290.D

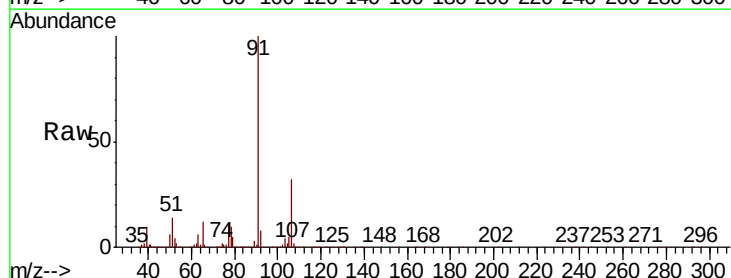
Acq: 29 Jan 2021 11:12

Tgt Ion: 91 Resp: 4153449

Ion Ratio Lower Upper

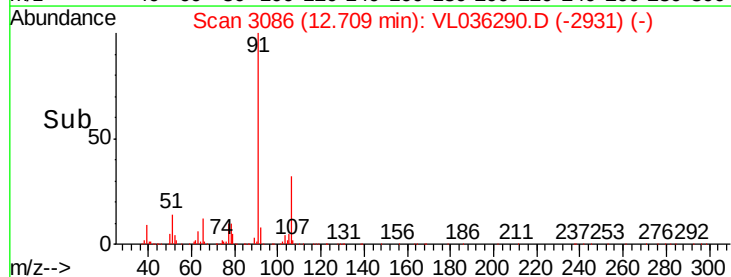
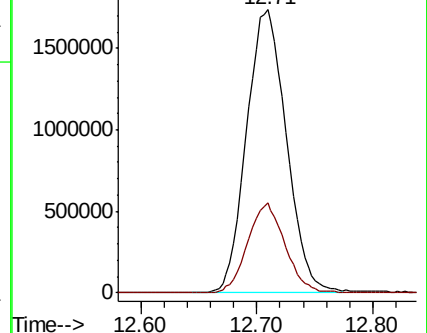
91 100

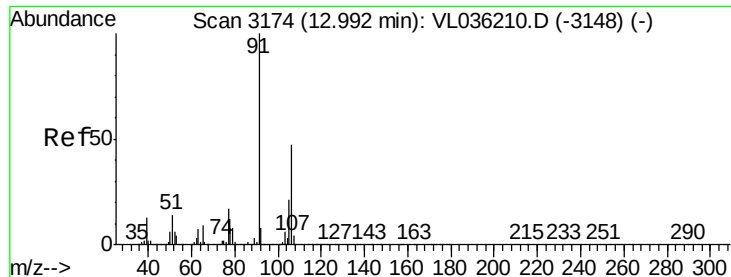
106 31.7 24.8 37.2



Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 106.10 (105.80 to 106.80): V

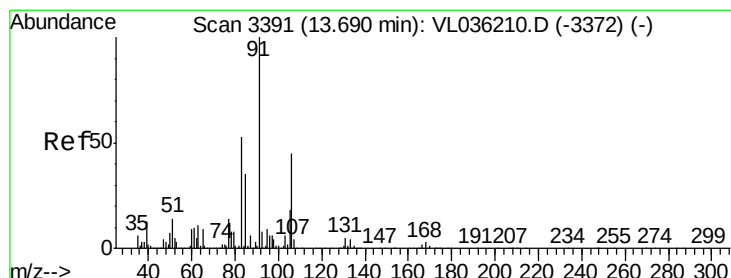
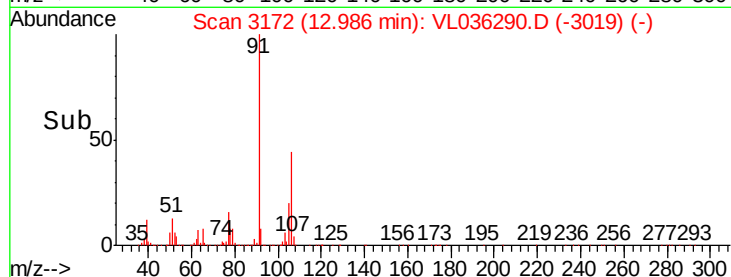
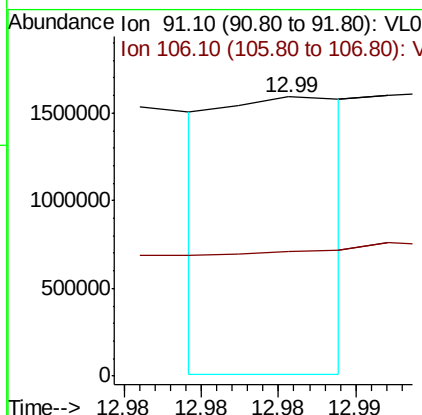
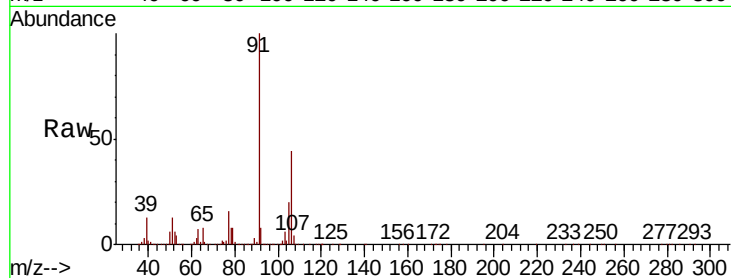




#59
m/p-Xylene
Concen: 1.807 ppbv
RT: 12.99 min Scan# 3172
Delta R.T. -0.01 min
Lab File: VL036290.D
Acq: 29 Jan 2021 11:12

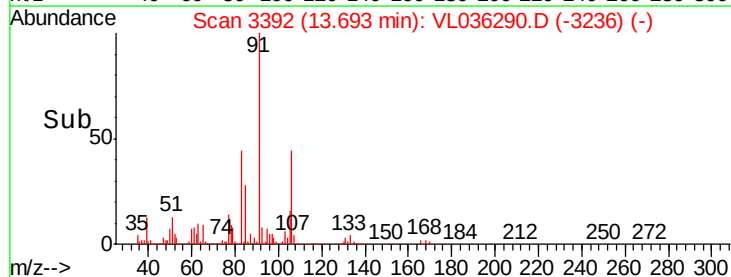
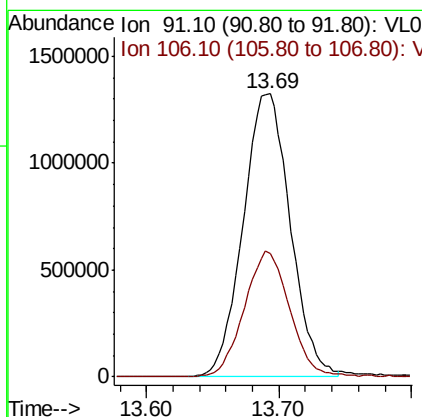
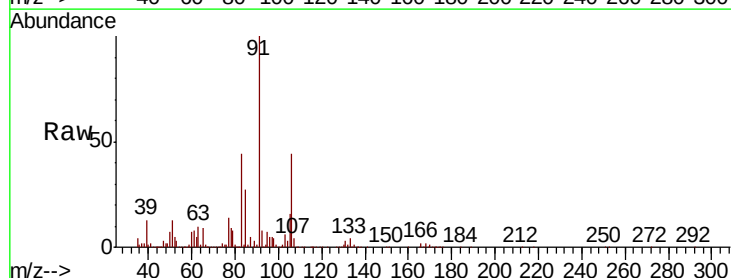
Instrument :
MSVOA_L
ClientSampleId :

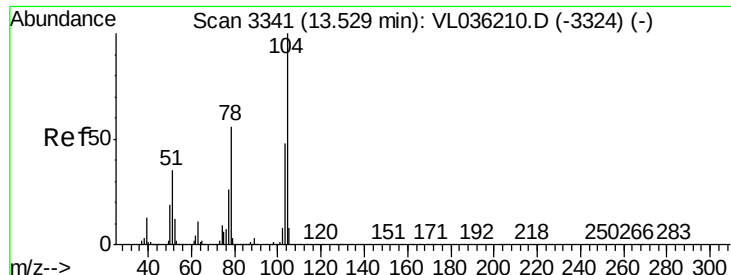
Tot Ion: 91 Resp: 904876
Ion Ratio Lower Upper
91 100
106 0.0 34.6 51.8#



#60
o-Xylene
Concen: 6.768 ppbv
RT: 13.69 min Scan# 3392
Delta R.T. 0.00 min
Lab File: VL036290.D
Acq: 29 Jan 2021 11:12

Tgt Ion: 91 Resp: 3267767
Ion Ratio Lower Upper
91 100
106 43.1 21.9 65.8

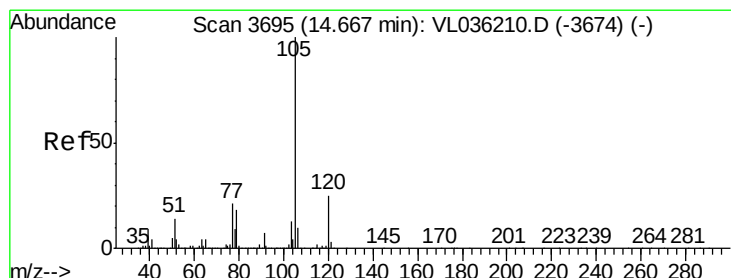
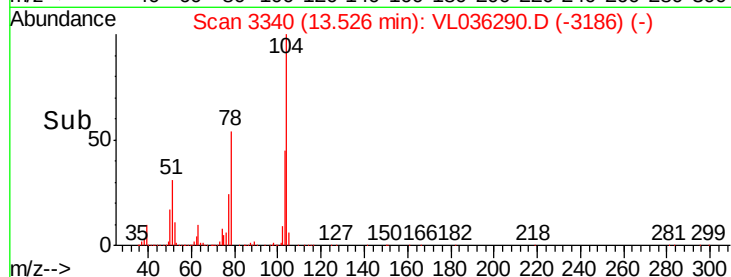
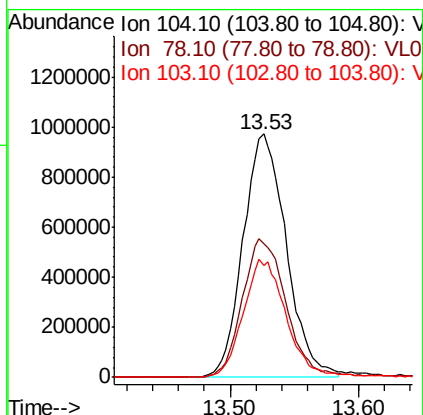
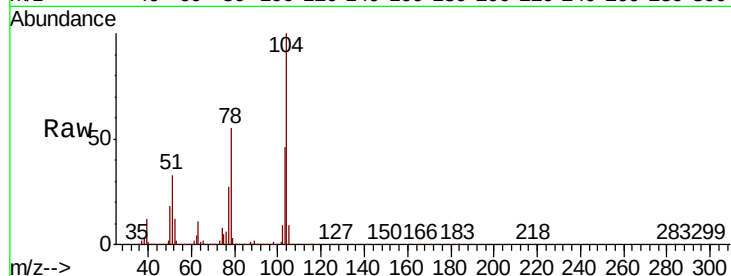




#61
Stvrene
Concen: 7.425 ppbv
RT: 13.53 min Scan# 3340
Delta R.T. -0.00 min
Lab File: VL036290.D
Acq: 29 Jan 2021 11:12

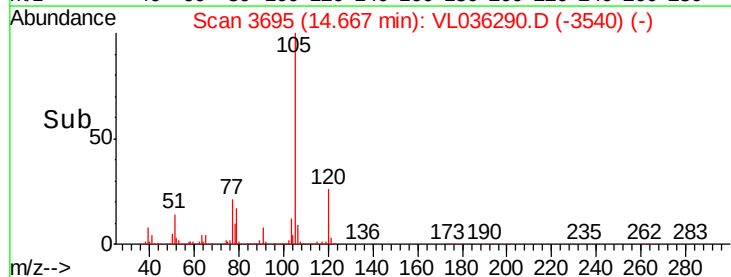
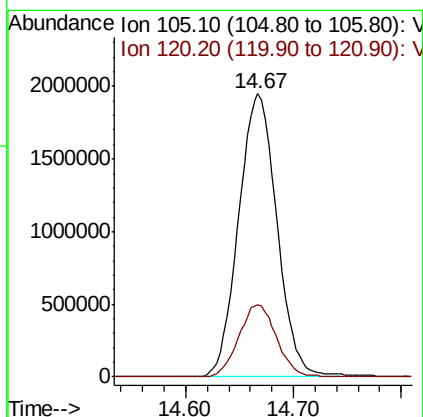
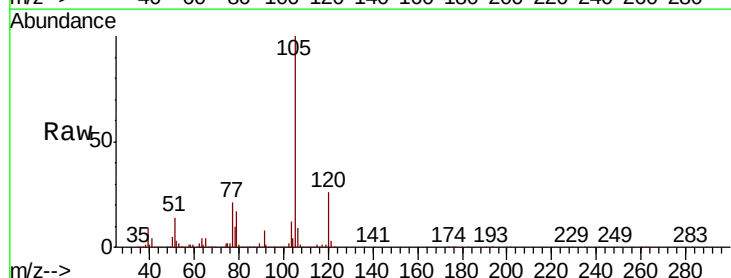
Instrument :
MSVOA_L
ClientSampleId :

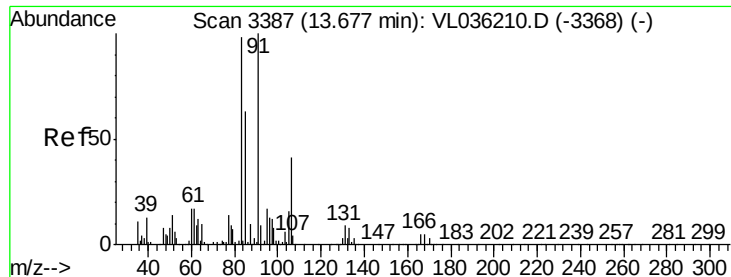
Tot Ion:104 Resp: 2263817
Ion Ratio Lower Upper
104 100
78 58.5 46.8 70.2
103 48.7 38.4 57.6



#62
Isopropylbenzene
Concen: 6.712 ppbv
RT: 14.67 min Scan# 3695
Delta R.T. -0.00 min
Lab File: VL036290.D
Acq: 29 Jan 2021 11:12

Tgt Ion:105 Resp: 4817965
Ion Ratio Lower Upper
105 100
120 25.3 20.3 30.5





#63

1,1,2,2-Tetrachloroethane

Concen: 6.316 ppbv

RT: 13.68 min Scan# 3387

Delta R.T. -0.00 min

Lab File: VL036290.D

Acq: 29 Jan 2021 11:12

Instrument :

MSVOA_L

ClientSampled :

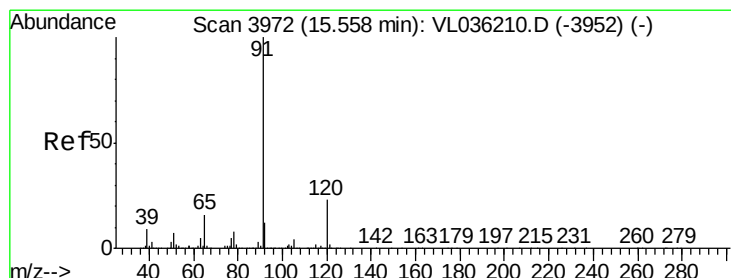
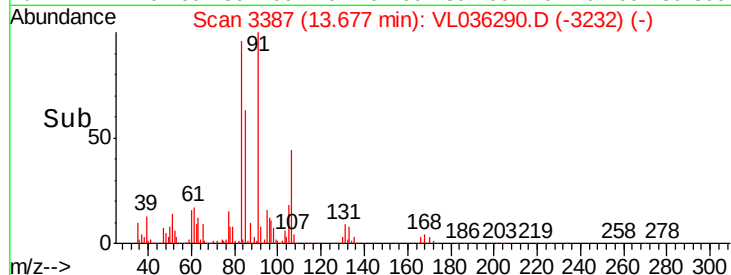
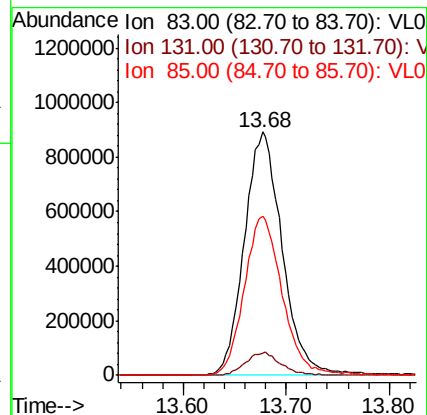
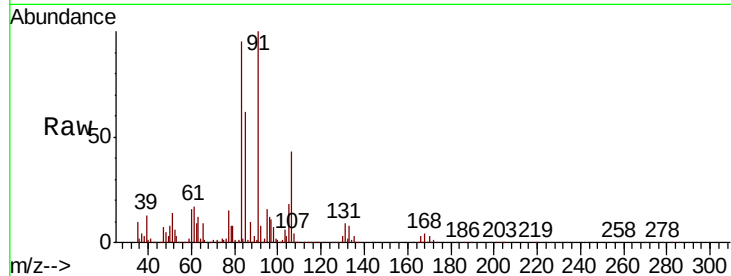
Tot Ion: 83 Resp: 2270559

Ion Ratio Lower Upper

83 100

131 9.0 4.5 13.5

85 65.7 33.1 99.3



#64

n-propylbenzene

Concen: 6.977 ppbv

RT: 15.56 min Scan# 3972

Delta R.T. -0.00 min

Lab File: VL036290.D

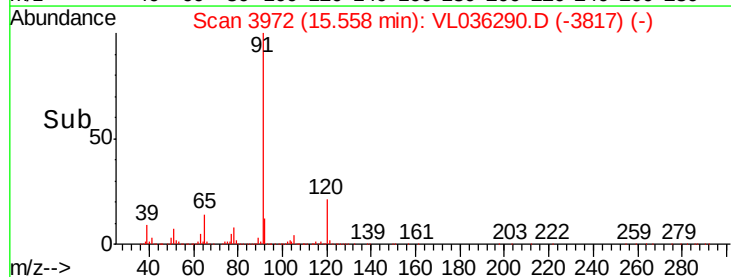
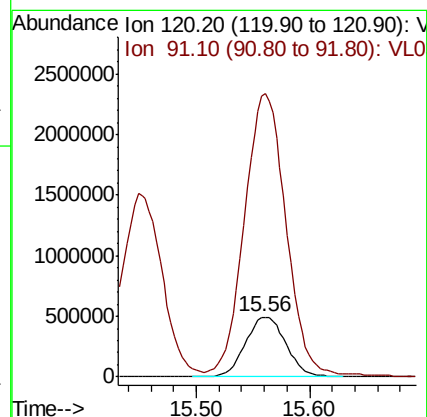
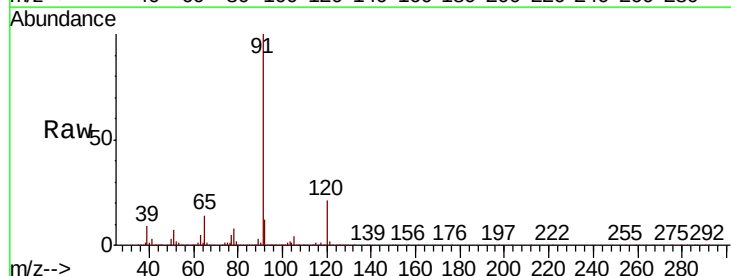
Acq: 29 Jan 2021 11:12

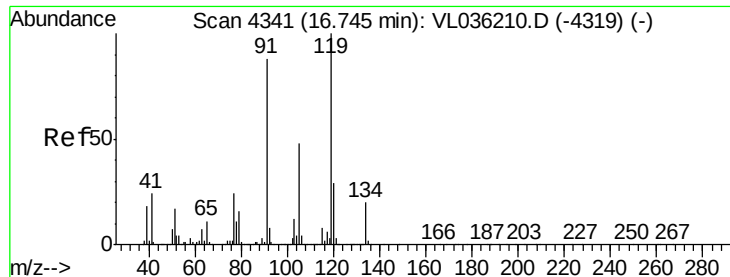
Tgt Ion: 120 Resp: 1230611

Ion Ratio Lower Upper

120 100

91 489.0 391.8 587.6





#65

tert-Butylbenzene

Concen: 6.502 ppbv

RT: 16.74 min Scan# 4341

Delta R.T. -0.00 min

Lab File: VL036290.D

Acq: 29 Jan 2021 11:12

Instrument :

MSVOA_L

ClientSampleId :

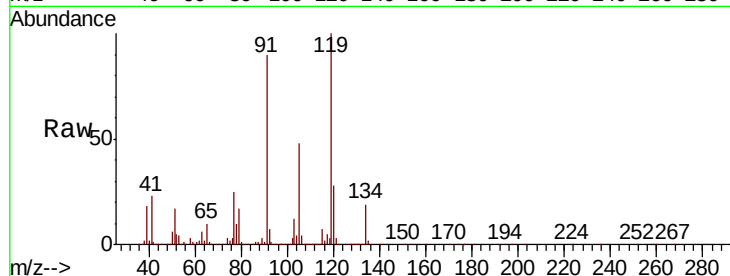
Tot Ion:119 Resp: 3955284

Ion Ratio Lower Upper

119 100

91 89.1 71.0 106.6

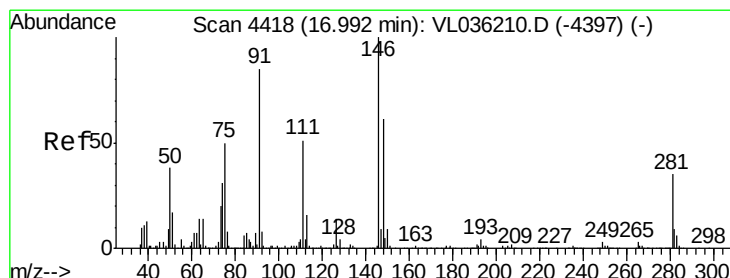
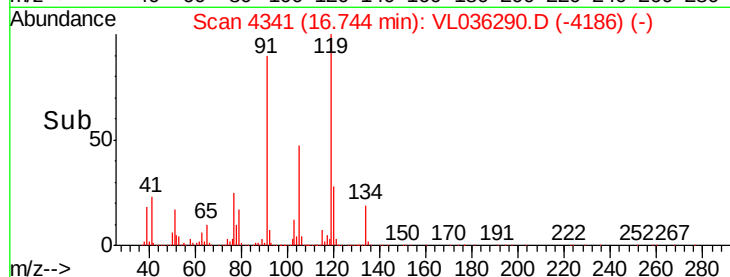
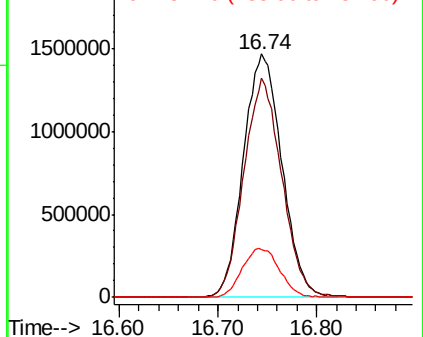
134 19.7 15.8 23.6



Abundance Ion 119.20 (118.90 to 119.90): V

Ion 91.10 (90.80 to 91.80): VL0

Ion 134.20 (133.90 to 134.90): V



#66

Benzyl Chloride

Concen: 8.320 ppbv

RT: 16.99 min Scan# 4418

Delta R.T. -0.00 min

Lab File: VL036290.D

Acq: 29 Jan 2021 11:12

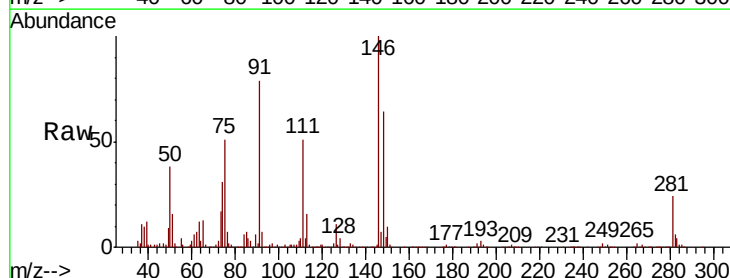
Tgt Ion: 91 Resp: 1292941

Ion Ratio Lower Upper

91 100

126 15.8 12.6 19.0

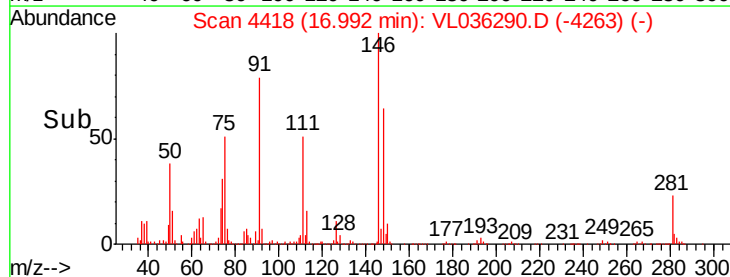
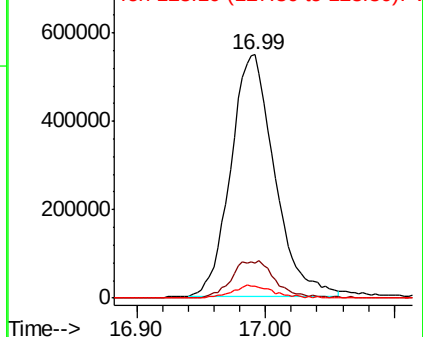
128 5.1 3.8 5.6

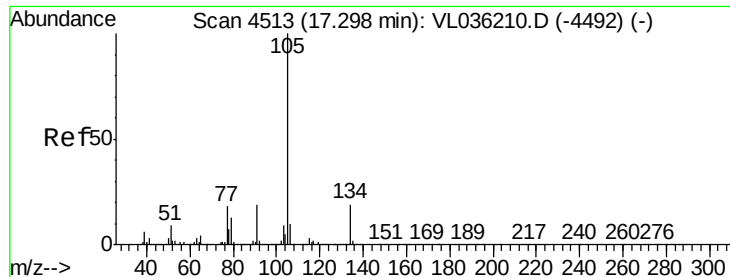


Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 126.10 (125.80 to 126.80): V

Ion 128.10 (127.80 to 128.80): V





#67

sec-Butylbenzene

Concen: 6.241 ppbv

RT: 17.29 min Scan# 4512

Delta R.T. -0.00 min

Lab File: VL036290.D

Acq: 29 Jan 2021 11:12

Instrument :

MSVOA_L

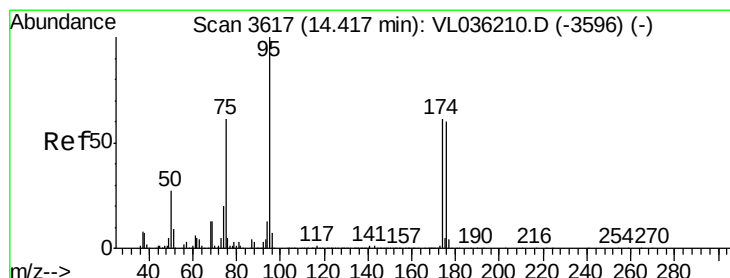
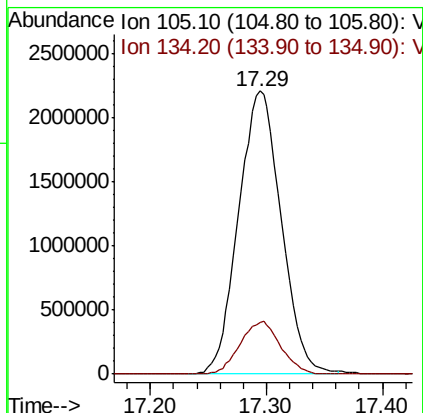
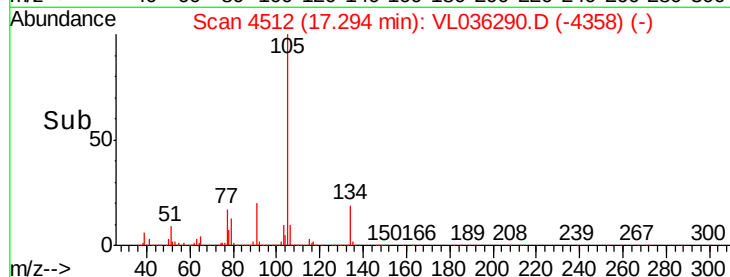
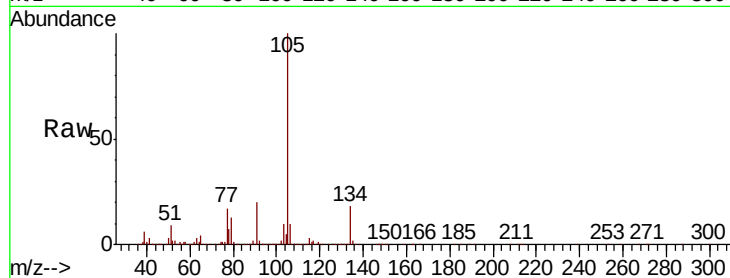
ClientSampleId :

Tot Ion:105 Resp: 5634994

Ion Ratio Lower Upper

105 100

134 17.9 14.2 21.4



#68

1-Bromo-4-Fluorobenzene

Concen: 8.446 ppbv

RT: 14.41 min Scan# 3616

Delta R.T. -0.00 min

Lab File: VL036290.D

Acq: 29 Jan 2021 11:12

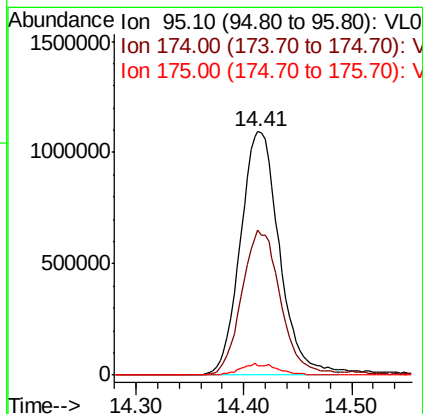
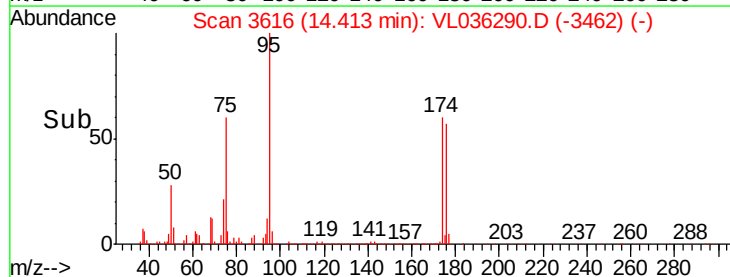
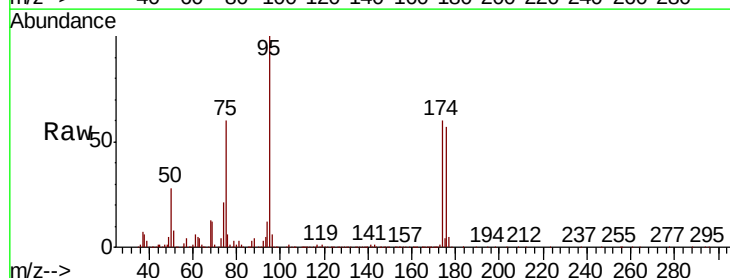
Tgt Ion: 95 Resp: 2746103

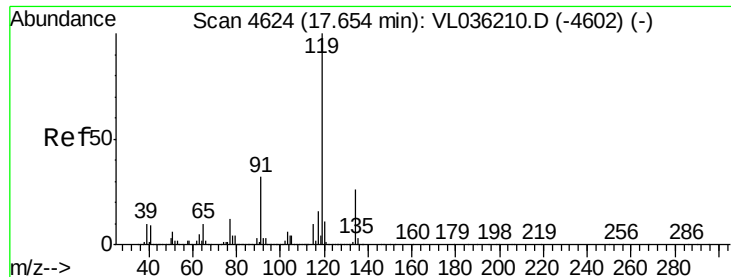
Ion Ratio Lower Upper

95 100

174 61.1 49.4 74.0

175 4.5 3.8 5.8

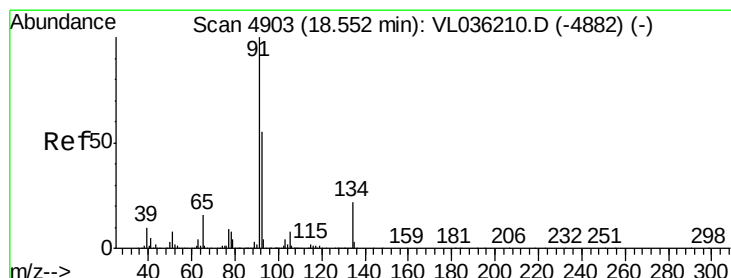
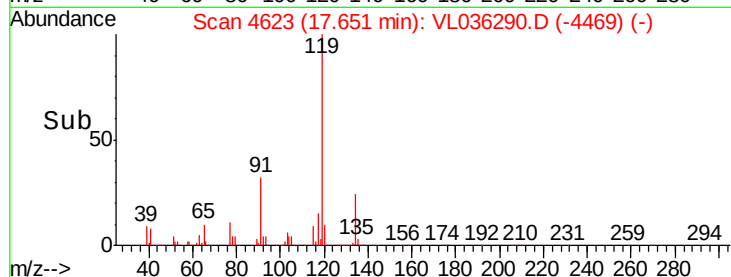
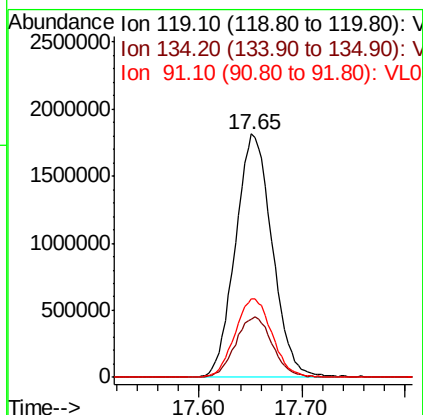
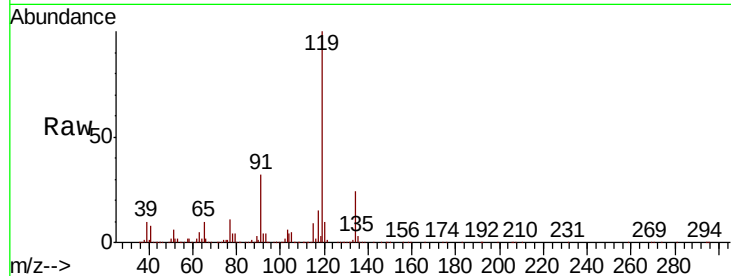




#69
 p-Isopropyltoluene
 Concen: 6.283 ppbv
 RT: 17.65 min Scan# 4623
 Delta R.T. -0.00 min
 Lab File: VL036290.D
 Acq: 29 Jan 2021 11:12

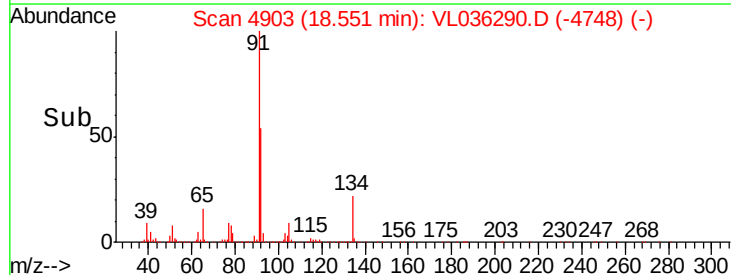
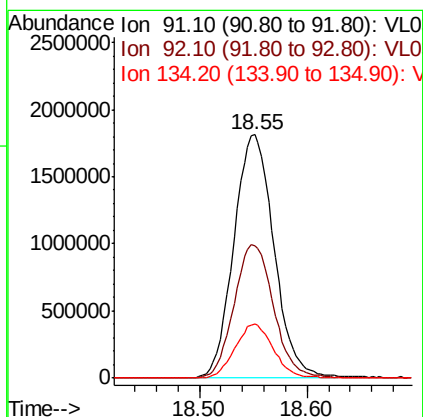
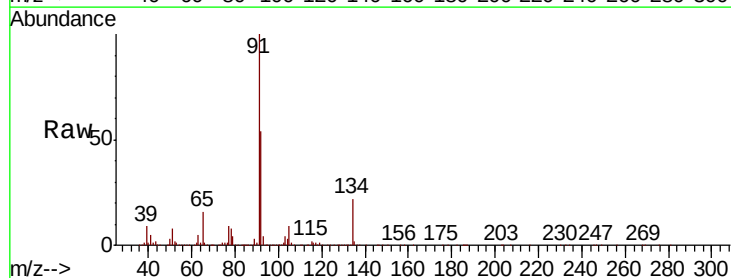
Instrument :
 MSVOA_L
 ClientSampleId :

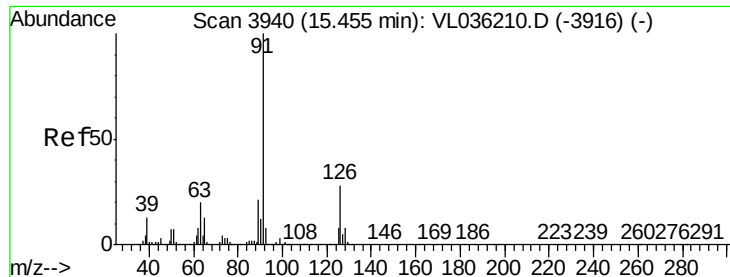
Tot Ion:119 Resp: 4499181
 Ion Ratio Lower Upper
 119 100
 134 25.0 20.2 30.4
 91 32.4 26.0 39.0



#70
 n-Butylbenzene
 Concen: 6.138 ppbv
 RT: 18.55 min Scan# 4903
 Delta R.T. -0.00 min
 Lab File: VL036290.D
 Acq: 29 Jan 2021 11:12

Tgt Ion: 91 Resp: 4683284
 Ion Ratio Lower Upper
 91 100
 92 54.6 44.0 66.0
 134 21.3 17.0 25.4





#71

2-Chlorotoluene

Concen: 6.589 ppbv

RT: 15.45 min Scan# 3938

Delta R.T. -0.01 min

Lab File: VL036290.D

Acq: 29 Jan 2021 11:12

Instrument :

MSVOA_L

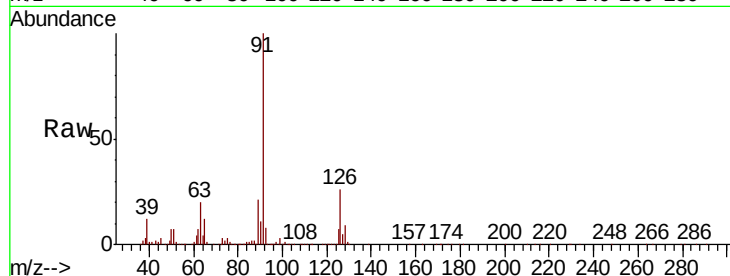
ClientSampled :

Tot Ion: 91 Resp: 3717581

Ion Ratio Lower Upper

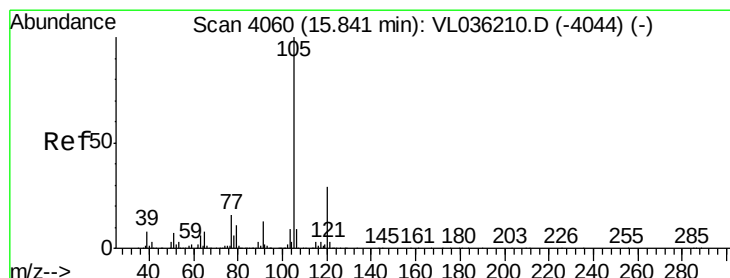
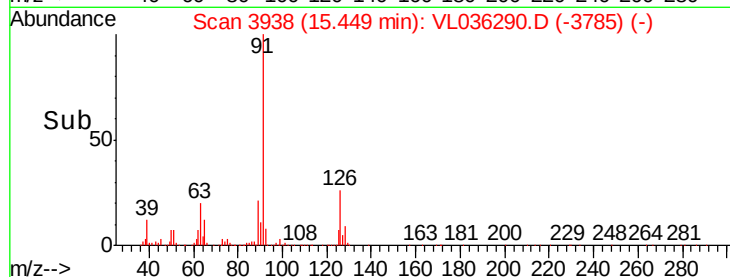
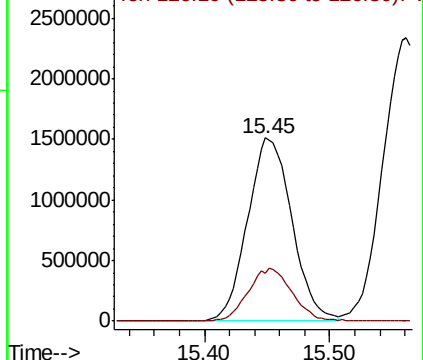
91 100

126 29.2 11.5 45.9



Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 126.10 (125.80 to 126.80): V



#72

4-Ethyltoluene

Concen: 6.671 ppbv

RT: 15.84 min Scan# 4059

Delta R.T. -0.00 min

Lab File: VL036290.D

Acq: 29 Jan 2021 11:12

Tgt Ion:105 Resp: 3634621

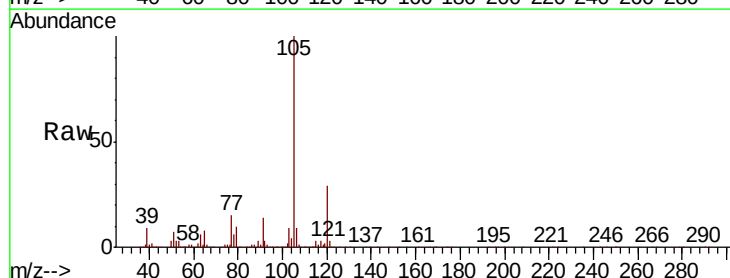
Ion Ratio Lower Upper

105 100

120 29.1 23.7 35.5

91 15.1 11.9 17.9

77 15.3 12.6 18.8

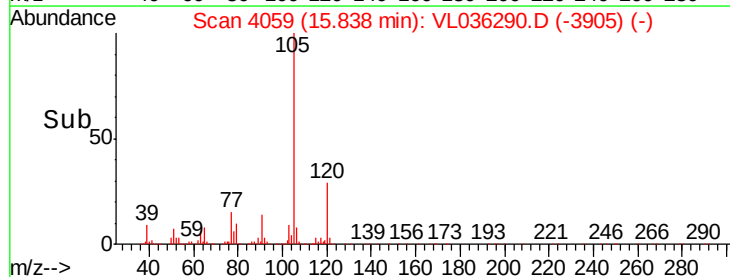
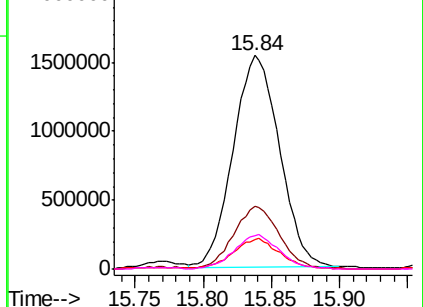


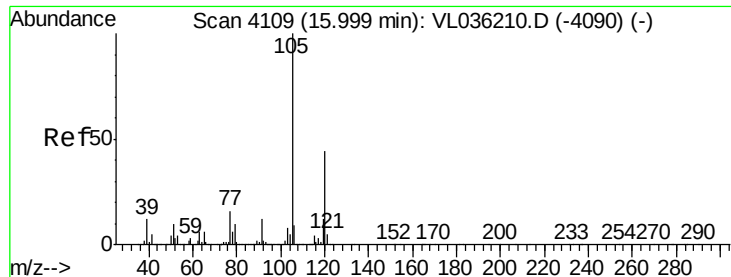
Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V

Ion 91.10 (90.80 to 91.80): VL0

Ion 77.10 (76.80 to 77.80): VL0





#73

1,3,5-Trimethylbenzene

Concen: 6.558 ppbv

RT: 16.00 min Scan# 4108

Delta R.T. -0.00 min

Lab File: VL036290.D

Acq: 29 Jan 2021 11:12

Instrument :

MSVOA_L

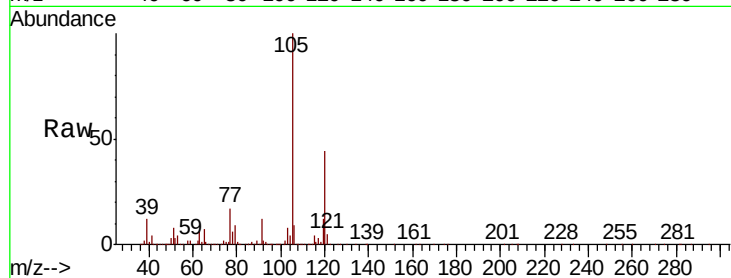
ClientSampleId :

Tot Ion:105 Resp: 3406035

Ion Ratio Lower Upper

105 100

120 44.0 35.5 53.3



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V

1500000

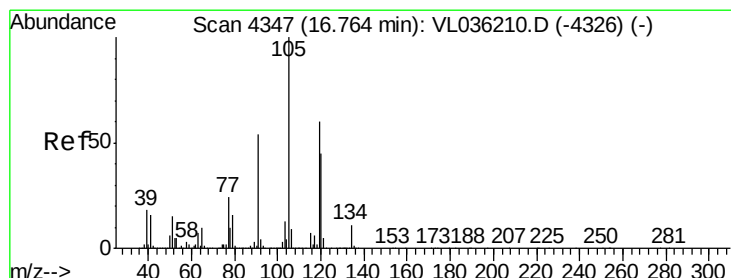
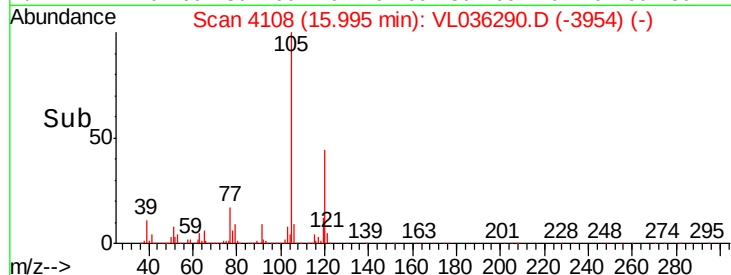
1000000

500000

0

15.90 16.00 16.10

Time-->



#74

1,2,4-Trimethylbenzene

Concen: 6.423 ppbv

RT: 16.76 min Scan# 4347

Delta R.T. -0.00 min

Lab File: VL036290.D

Acq: 29 Jan 2021 11:12

Tgt Ion:105 Resp: 3421764

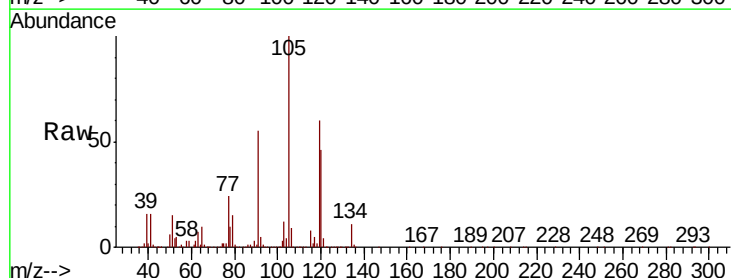
Ion Ratio Lower Upper

105 100

120 45.5 36.2 54.2

91 54.7 43.3 64.9

77 24.3 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

2000000

1500000

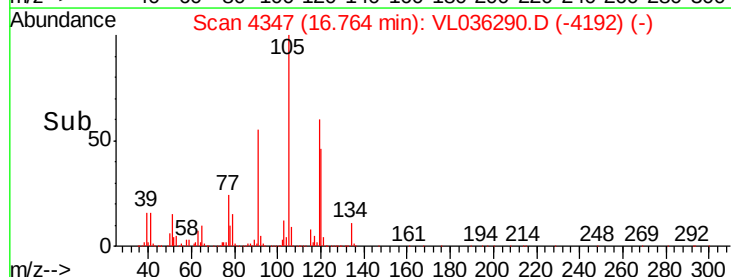
1000000

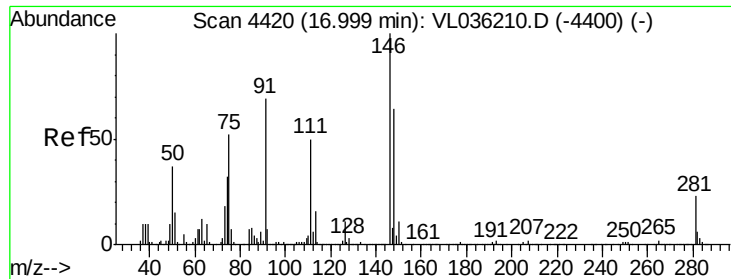
500000

0

16.70 16.80 16.90

Time-->

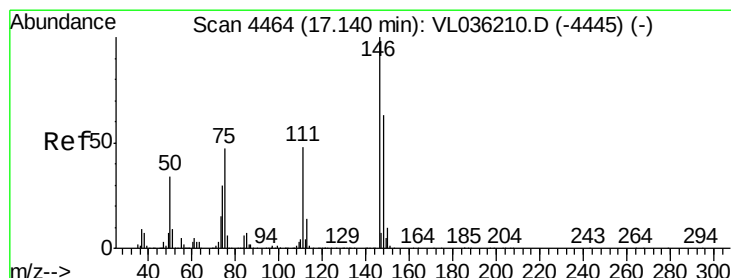
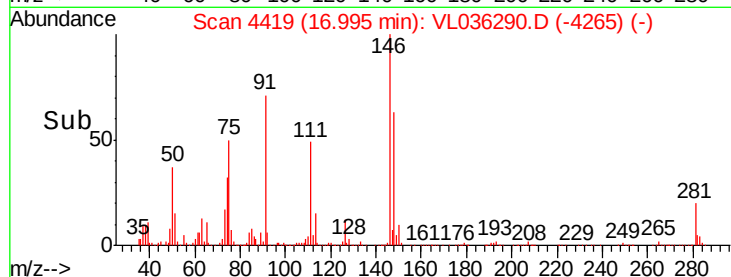
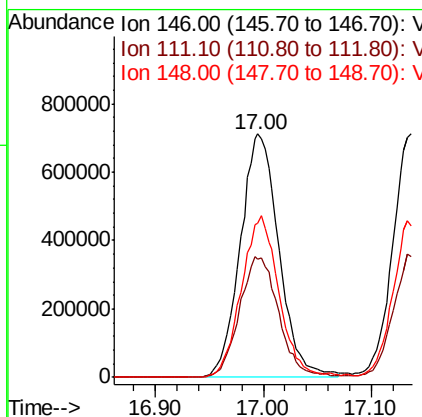
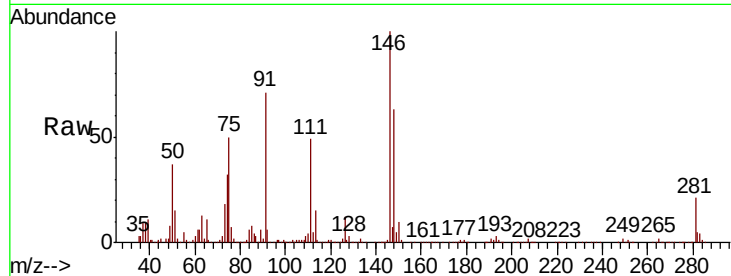




#75
 1,3-Dichlorobenzene
 Concen: 6.193 ppbv
 RT: 17.00 min Scan# 4419
 Delta R.T. -0.00 min
 Lab File: VL036290.D
 Acq: 29 Jan 2021 11:12

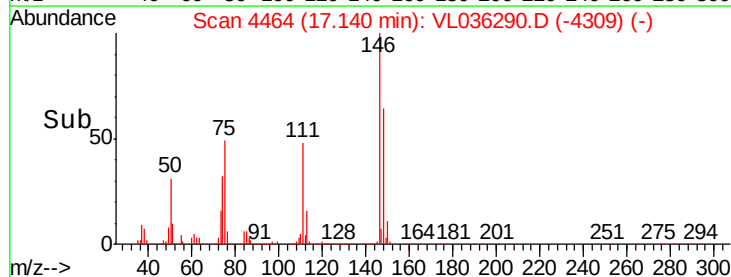
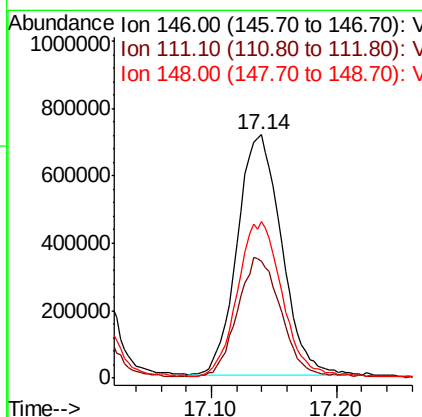
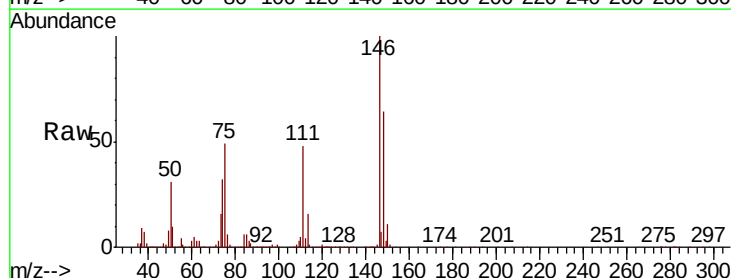
Instrument :
 MSVOA_L
 ClientSampled :

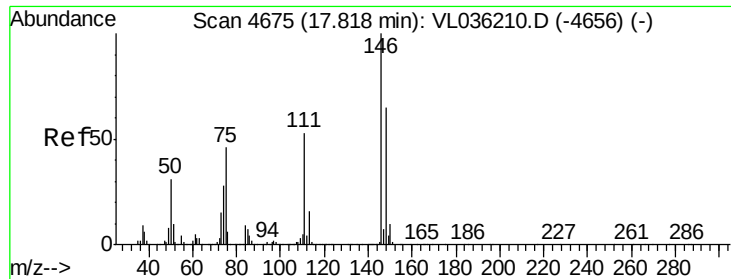
Tot Ion:146 Resp: 1769535
 Ion Ratio Lower Upper
 146 100
 111 50.2 25.5 76.5
 148 64.9 32.4 97.2



#76
 1,4-Dichlorobenzene
 Concen: 6.193 ppbv
 RT: 17.14 min Scan# 4464
 Delta R.T. -0.00 min
 Lab File: VL036290.D
 Acq: 29 Jan 2021 11:12

Tgt Ion:146 Resp: 1748114
 Ion Ratio Lower Upper
 146 100
 111 50.7 25.4 76.0
 148 66.2 33.3 99.9

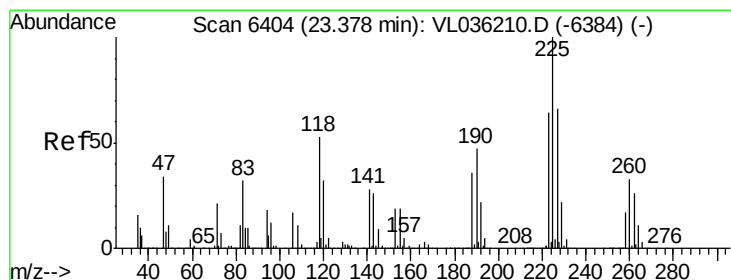
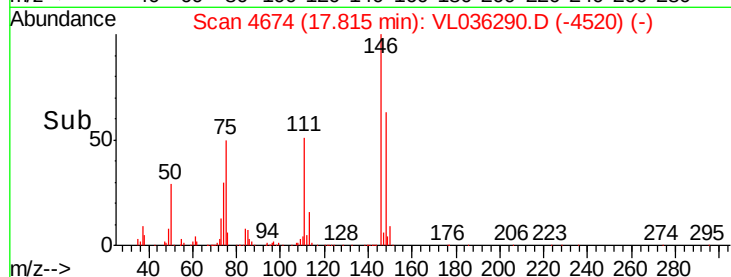
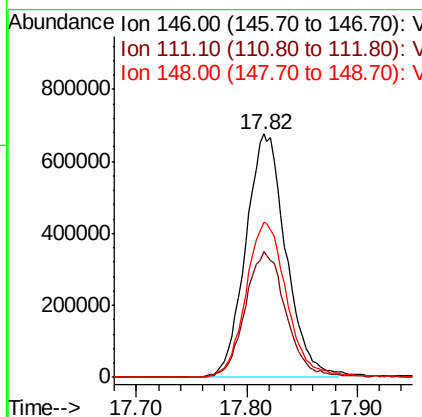
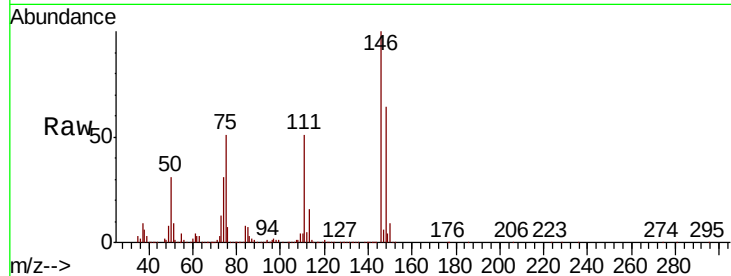




#77
 1,2-Dichlorobenzene
 Concen: 6.067 ppbv
 RT: 17.82 min Scan# 4674
 Delta R.T. -0.00 min
 Lab File: VL036290.D
 Acq: 29 Jan 2021 11:12

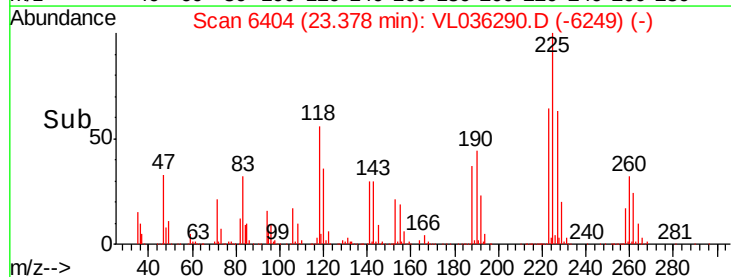
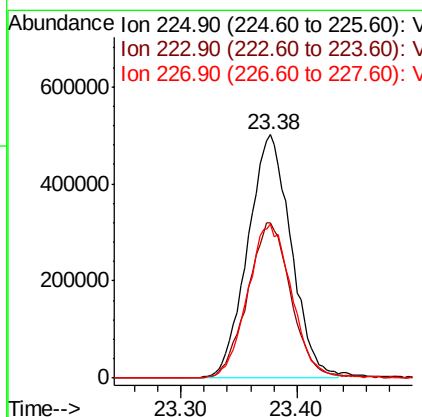
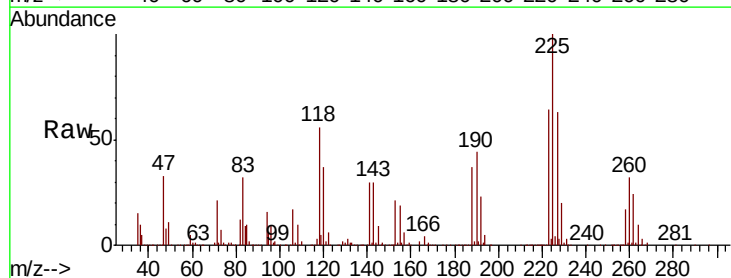
Instrument :
 MSVOA_L
 ClientSampleId :

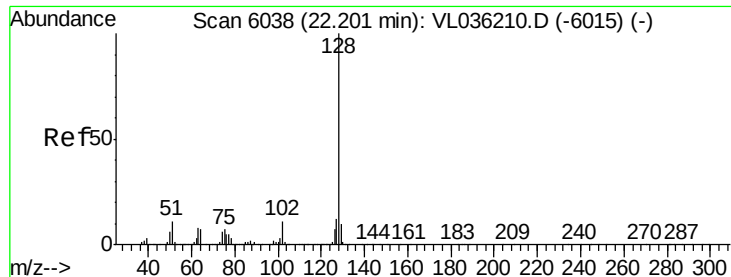
Tot Ion:146 Resp: 1693267
 Ion Ratio Lower Upper
 146 100
 111 53.4 26.5 79.4
 148 65.8 32.8 98.4



#78
 Hexachloro-1,3-Butadiene
 Concen: 5.845 ppbv
 RT: 23.38 min Scan# 6404
 Delta R.T. -0.00 min
 Lab File: VL036290.D
 Acq: 29 Jan 2021 11:12

Tgt Ion:225 Resp: 1304765
 Ion Ratio Lower Upper
 225 100
 223 64.2 50.5 75.7
 227 64.9 51.7 77.5





#79

Naphthalene

Concen: 7.957 ppbv

RT: 22.20 min Scan# 6037

Delta R.T. -0.00 min

Lab File: VL036290.D

Acq: 29 Jan 2021 11:12

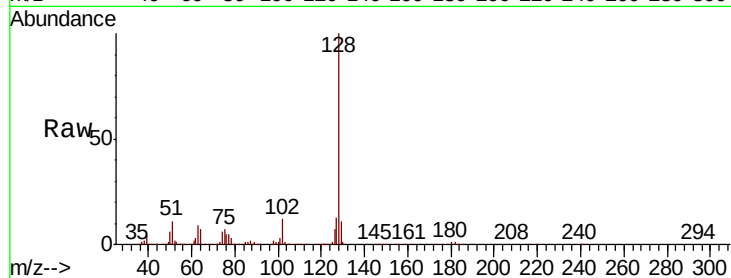
Instrument :

MSVOA_L

ClientSampleId :

Tot Ion:128 Resp: 2477847

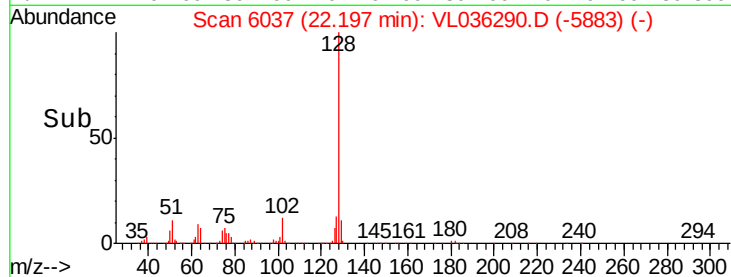
Ion	Ratio	Lower	Upper
128	100		
127	13.5	9.9	14.9
129	10.8	8.4	12.6



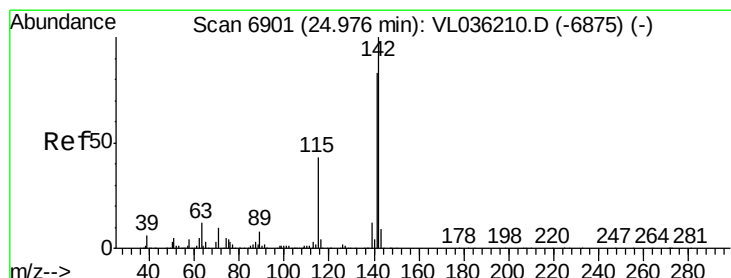
Abundance Ion 128.10 (127.80 to 128.80): V

Ion 127.10 (126.80 to 127.80): V

Ion 129.10 (128.80 to 129.80): V



Time-->



#80

Naphthalene, 2-methyl-

Concen: 11.950 ppbv

RT: 24.98 min Scan# 6901

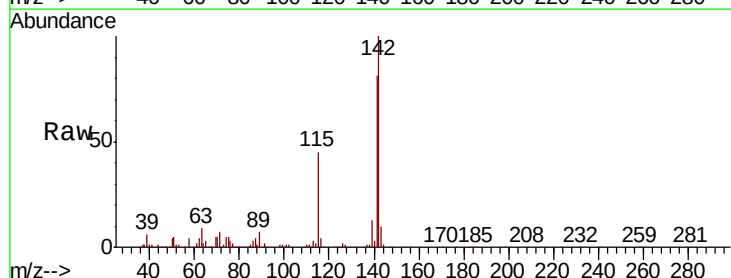
Delta R.T. -0.00 min

Lab File: VL036290.D

Acq: 29 Jan 2021 11:12

Tgt Ion:142 Resp: 794038

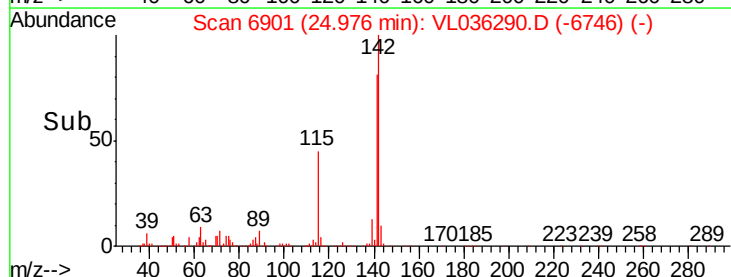
Ion	Ratio	Lower	Upper
142	100		
141	85.8	68.6	102.8
115	40.5	32.9	49.3



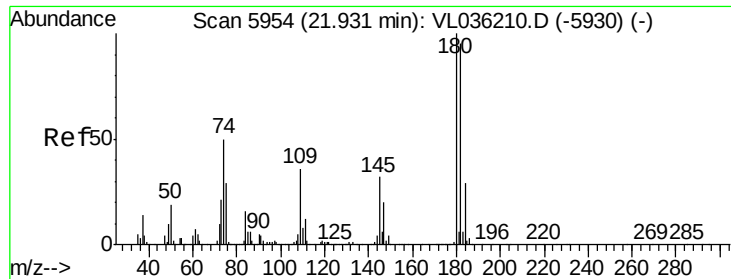
Abundance Ion 142.00 (141.70 to 142.70): V

Ion 141.00 (140.70 to 141.70): V

Ion 115.00 (114.70 to 115.70): V



Time-->



#81

1,2,4-Trichlorobenzene

Concen: 7.312 ppbv

RT: 21.93 min Scan# 5953

Delta R.T. -0.00 min

Lab File: VL036290.D

Acq: 29 Jan 2021 11:12

Instrument :

MSVOA_L

ClientSampleId :

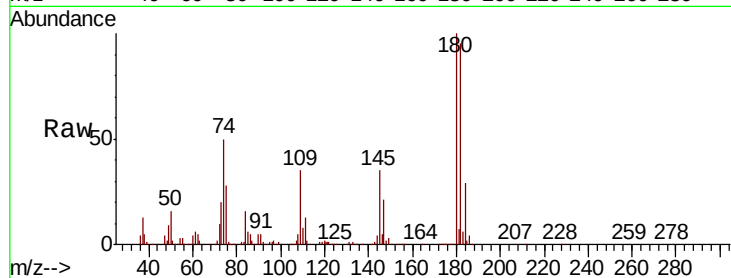
Tot Ion:180 Resp: 1329402

Ion Ratio Lower Upper

180 100

182 100.6 79.9 119.9

184 31.4 25.6 38.4



Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 184.00 (183.70 to 184.70): V

