

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL012821\
 Data File : VL036274.D
 Acq On : 28 Jan 2021 16:06
 Operator : SY/AP
 Sample : VL0128ABS01
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Jan 29 02:25:32 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	1579675	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	3562231	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.09	117	4148179	10.00	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.41	95	2909353	8.47	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	84.70%

Target Compounds					Ovalue
2) Dichlorodifluoromethane	3.04	85	2092229	9.881 ppbv	98
3) Chlorodifluoromethane	2.98	51	1758494	9.064 ppbv	98
4) Chloromethane	3.13	50	853754	8.904 ppbv	97
5) Vinyl Chloride	3.25	62	833961	9.191 ppbv	100
6) Bromomethane	3.47	94	461766	9.103 ppbv	93
7) Chloroethane	3.55	64	285831	9.148 ppbv	100
8) Dichlorotetrafluoroethane	3.18	85	1939343	9.453 ppbv	99
9) Propene	3.00	41	788392	8.534 ppbv	98
10) Heptane	8.12	43	2037273	8.884 ppbv	99
11) Trichlorofluoromethane	3.94	101	2027139	9.417 ppbv	100
12) 1,1,2-Trichlorotrifluoroet	4.48	101	1278603	9.797 ppbv	97
13) Ethanol	3.60	45	46683	3.218 ppbv #	15
14) Bromoethene	3.74	108	561675	9.451 ppbv	97
15) Acetone	3.84	43	1525652	7.886 ppbv	99
16) 1,3-Butadiene	3.32	39	828103	8.786 ppbv	98
17) tert-Butyl alcohol	4.29	59	1398153	8.758 ppbv	99
18) 1,1-Dichloroethene	4.28	96	546399	9.030 ppbv	94
19) Isopropyl Alcohol	3.96	45	938569	8.047 ppbv	99
20) Methylene Chloride	4.34	84	479287	7.762 ppbv	99
21) Allyl Chloride	4.40	41	1014197	9.631 ppbv	99
22) trans-1,2-Dichloroethene	4.88	96	523782	9.369 ppbv	98
23) Vinyl Acetate	5.07	43	2110011	9.001 ppbv #	99
24) 1,1-Dichloroethane	5.01	63	1548148	9.117 ppbv	98
25) Ethyl Acetate	5.67	43	3407479	8.773 ppbv	100
26) Hexane	5.68	57	1375219	8.504 ppbv	98
27) Carbon Disulfide	4.55	76	1407898	10.888 ppbv	99
28) Methyl tert-Butyl Ether	5.03	73	1900597	8.691 ppbv	97
29) Chloroform	5.75	83	2141638	9.249 ppbv	97
30) Cyclohexane	7.12	84	1157240	9.365 ppbv	99
31) cis-1,2-Dichloroethene	5.55	61	1420348	9.189 ppbv	94
32) 1,1,1-Trichloroethane	6.51	97	2155569	9.625 ppbv	100
34) 2-Butanone	5.24	43	2129259	8.117 ppbv	97
35) Carbon Tetrachloride	7.01	117	2198921	9.770 ppbv	99
36) Benzene	6.89	78	2880398	8.825 ppbv	98
37) 1,2-Dichloroethane	6.30	62	1780458	9.065 ppbv	99
38) Trichloroethene	7.83	130	945193	7.819 ppbv	92
39) 1,2-Dichloropropane	7.61	63	1158646	8.743 ppbv	96
40) 1,4-Dioxane	7.83	88	347432	7.247 ppbv #	1
41) Tetrahydrofuran	6.05	42	1302260	8.590 ppbv	97
42) Bromodichloromethane	7.79	83	2400567	9.724 ppbv	98
43) Methyl Methacrylate	8.01	69	1281370	9.238 ppbv	97

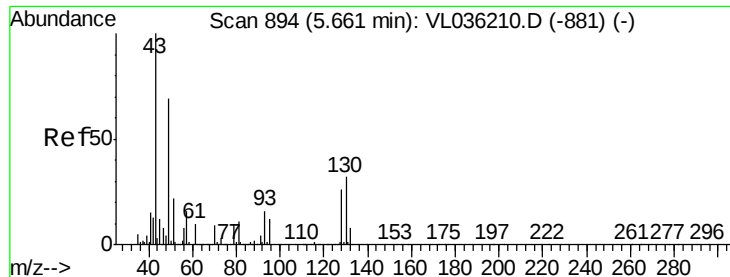
Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL012821\
 Data File : VL036274.D
 Acq On : 28 Jan 2021 16:06
 Operator : SY/AP
 Sample : VL0128ABS01
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Jan 29 02:25:32 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL011321AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu 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	7.87	57	4947510	8.253	ppbv	99
45) t-1,3-Dichloropropene	9.28	75	1370913	10.405	ppbv	99
46) cis-1,3-Dichloropropene	8.70	75	1690512	9.985	ppbv	99
47) 1,1,2-Trichloroethane	9.47	97	1141273	9.002	ppbv	96
48) Dibromochloromethane	10.30	129	1855220	10.002	ppbv	99
49) Bromoform	13.04	173	1466135	9.470	ppbv	100
50) 4-Methyl-2-Pentanone	8.73	43	3362957	8.598	ppbv	100
51) 2-Hexanone	10.13	43	2684571	8.700	ppbv	99
52) Tetrachloroethene	11.22	164	917258	7.626	ppbv	98
53) Toluene	9.80	91	3194422	8.749	ppbv	100
54) 1,2-Dibromoethane	10.61	107	1658459	8.825	ppbv	99
56) 1,1,1,2-Tetrachloroethane	12.12	131	1338381	7.230	ppbv #	55
57) Chlorobenzene	12.15	112	2236141	6.871	ppbv	98
58) Ethyl Benzene	12.71	91	4264708	6.928	ppbv	99
59) m/p-Xylene	13.00	91	3915220	7.402	ppbv #	46
60) o-Xylene	13.69	91	3338369	6.548	ppbv	99
61) Styrene	13.53	104	2323721	7.218	ppbv	99
62) Isopropylbenzene	14.67	105	4958708	6.542	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.68	83	2257692	5.947	ppbv	99
64) n-propylbenzene	15.56	120	1239723	6.656	ppbv	99
65) tert-Butylbenzene	16.75	119	4032447	6.278	ppbv	100
66) Benzyl Chloride	16.99	91	1285802	7.835	ppbv	99
67) sec-Butylbenzene	17.30	105	5742473	6.023	ppbv	100
69) p-Isopropyltoluene	17.65	119	4636938	6.132	ppbv	99
70) n-Butylbenzene	18.55	91	4814136	5.975	ppbv	99
71) 2-Chlorotoluene	15.45	91	3816076	6.405	ppbv	100
72) 4-Ethyltoluene	15.84	105	3777333	6.565	ppbv	98
73) 1,3,5-Trimethylbenzene	16.00	105	3487787	6.359	ppbv	100
74) 1,2,4-Trimethylbenzene	16.77	105	3455699	6.143	ppbv	96
75) 1,3-Dichlorobenzene	17.00	146	1798792	5.962	ppbv	99
76) 1,4-Dichlorobenzene	17.14	146	1761069	5.908	ppbv	100
77) 1,2-Dichlorobenzene	17.82	146	1698999	5.765	ppbv	100
78) Hexachloro-1,3-Butadiene	23.38	225	1346542	5.713	ppbv	98
79) Naphthalene	22.20	128	2585095	7.861	ppbv	99
80) Naphthalene, 2-methyl-	24.98	142	881427	12.561	ppbv	97
81) 1,2,4-Trichlorobenzene	21.93	180	1352570	7.045	ppbv	97

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



#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.66 min Scan# 895

Delta R.T. 0.00 min

Lab File: VL036274.D

Acq: 28 Jan 2021 16:06

Instrument :

MSVOA_L

ClientSampleId :

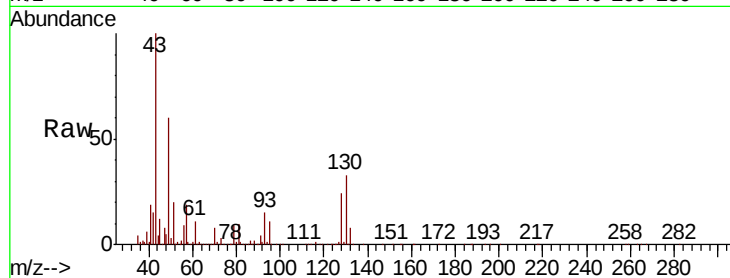
Tot Ion: 49 Resp: 1579675

Ion Ratio Lower Upper

49 100

128 41.4 20.1 60.2

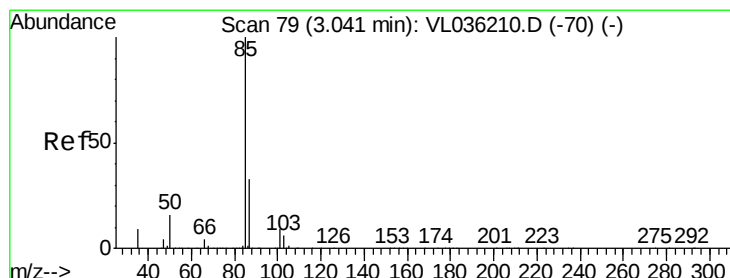
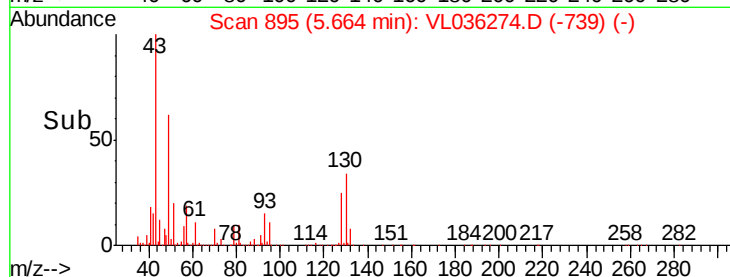
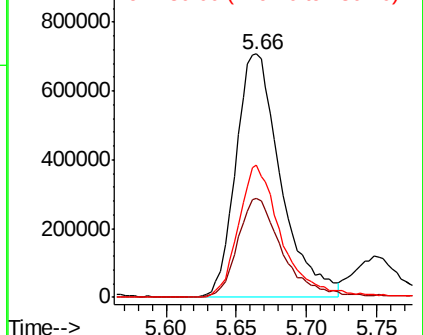
130 52.8 25.3 75.9



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



#2

Dichlorodifluoromethane

Concen: 9.881 ppbv

RT: 3.04 min Scan# 79

Delta R.T. -0.00 min

Lab File: VL036274.D

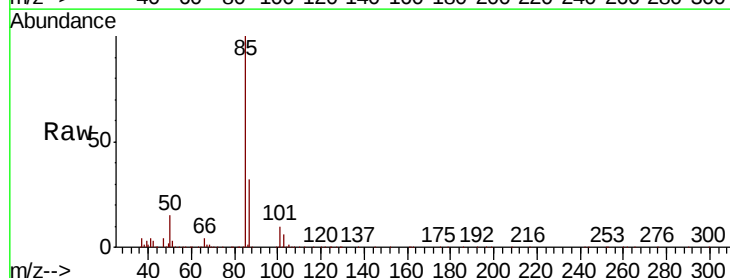
Acq: 28 Jan 2021 16:06

Tgt Ion: 85 Resp: 2092229

Ion Ratio Lower Upper

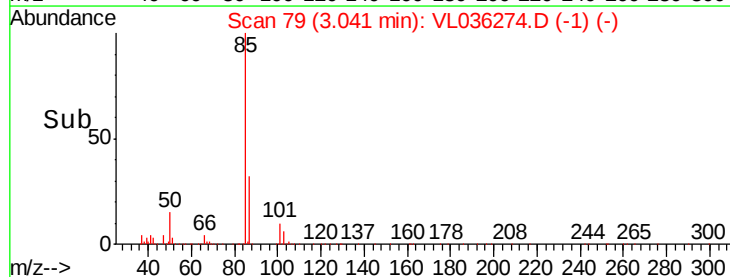
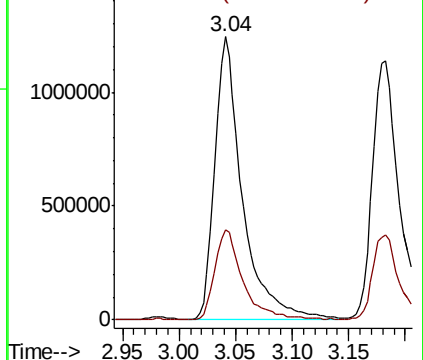
85 100

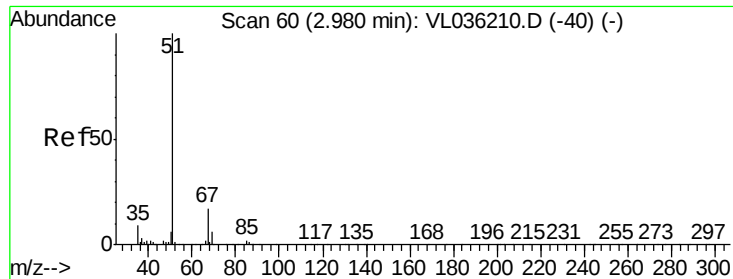
87 31.8 26.4 39.6



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0

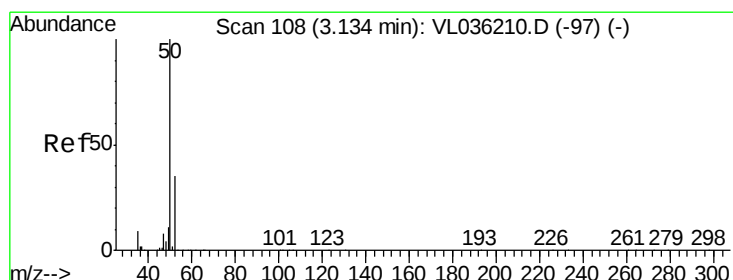
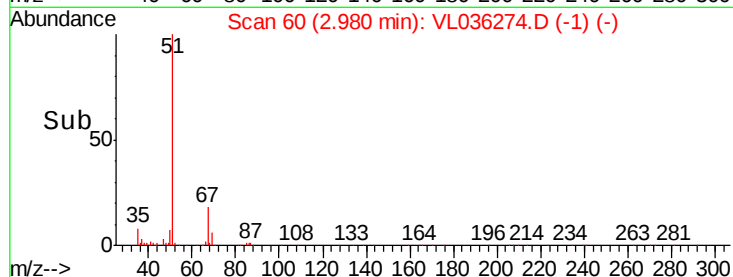
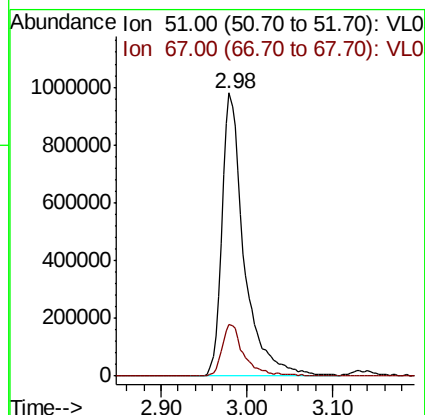
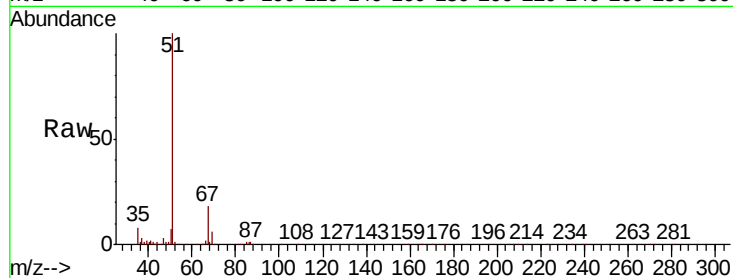




#3
Chlorodifluoromethane
Concen: 9.064 ppbv
RT: 2.98 min Scan# 60
Delta R.T. -0.00 min
Lab File: VL036274.D
Acq: 28 Jan 2021 16:06

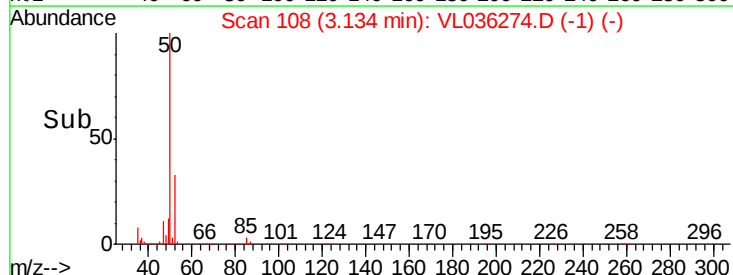
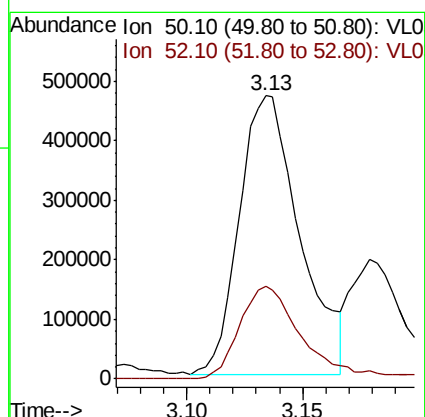
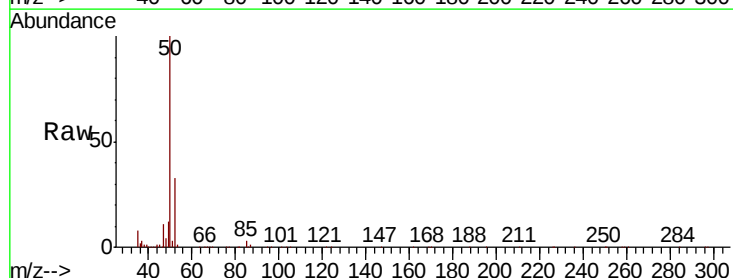
Instrument :
MSVOA_L
ClientSampleId :

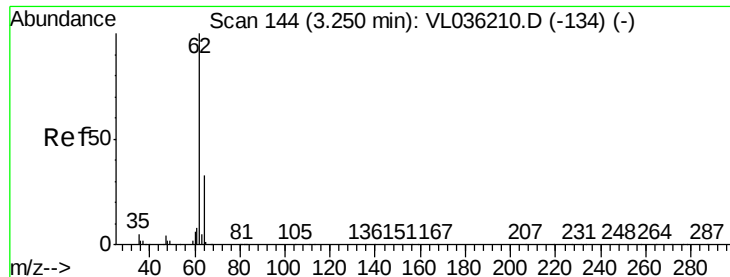
Tot Ion: 51 Resp: 1758494
Ion Ratio Lower Upper
51 100
67 18.3 14.0 21.0



#4
Chloromethane
Concen: 8.904 ppbv
RT: 3.13 min Scan# 108
Delta R.T. -0.00 min
Lab File: VL036274.D
Acq: 28 Jan 2021 16:06

Tgt Ion: 50 Resp: 853754
Ion Ratio Lower Upper
50 100
52 33.2 27.8 41.8





#5

Vinyl Chloride

Concen: 9.191 ppbv

RT: 3.25 min Scan# 145

Delta R.T. 0.00 min

Lab File: VL036274.D

Acq: 28 Jan 2021 16:06

Instrument :

MSVOA_L

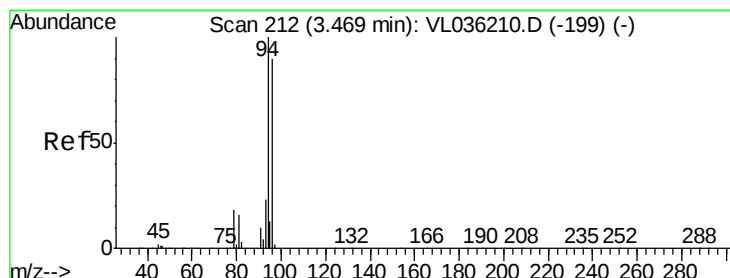
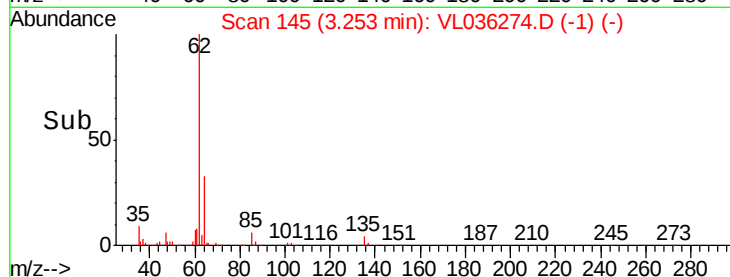
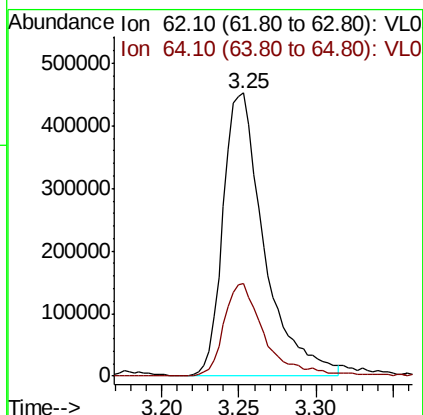
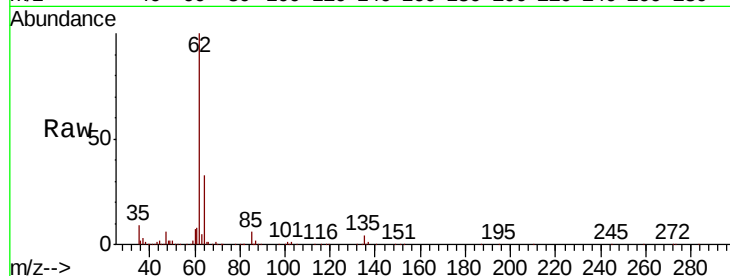
ClientSampleId :

Tot Ion: 62 Resp: 833961

Ion Ratio Lower Upper

62 100

64 32.6 26.2 39.2



#6

Bromomethane

Concen: 9.103 ppbv

RT: 3.47 min Scan# 211

Delta R.T. -0.00 min

Lab File: VL036274.D

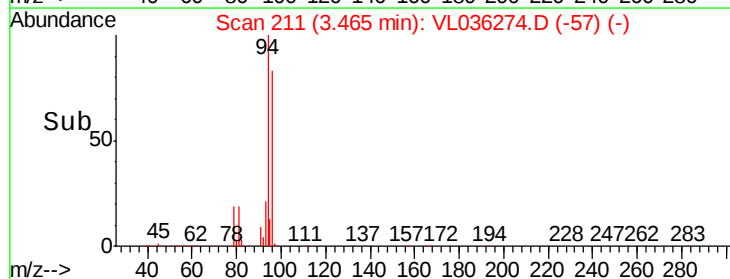
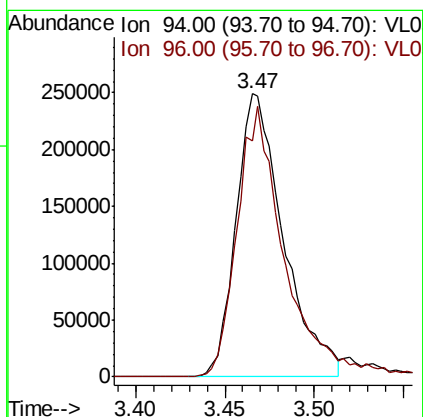
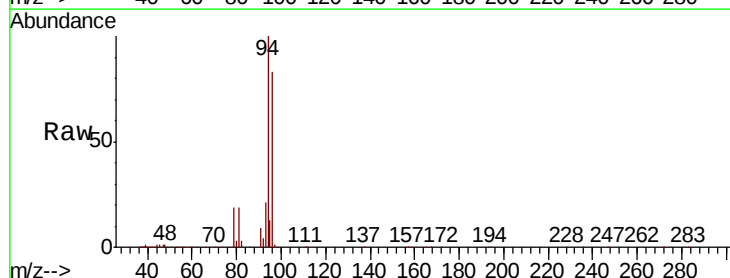
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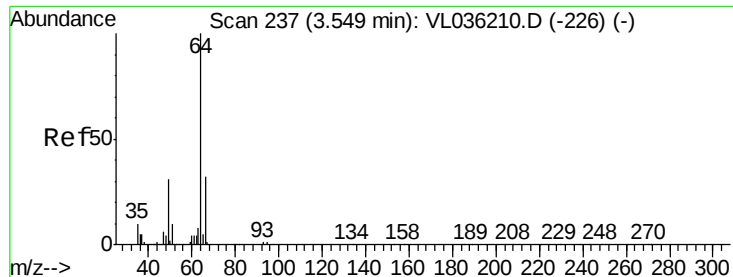
Tgt Ion: 94 Resp: 461766

Ion Ratio Lower Upper

94 100

96 83.2 71.9 107.9





#7

Chloroethane

Concen: 9.148 ppbv

RT: 3.55 min Scan# 237

Delta R.T. -0.00 min

Lab File: VL036274.D

Acq: 28 Jan 2021 16:06

Instrument :

MSVOA_L

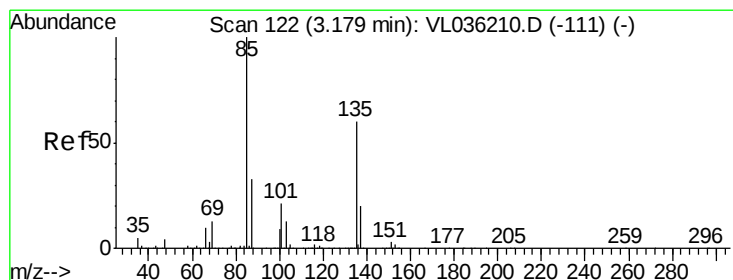
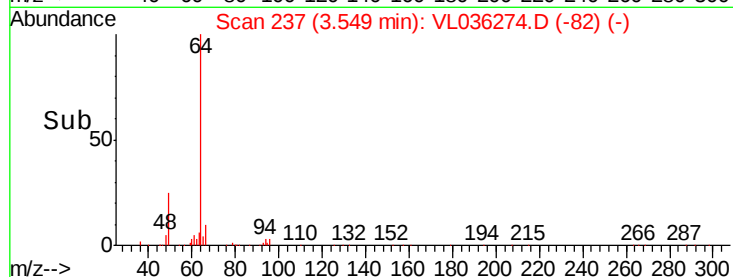
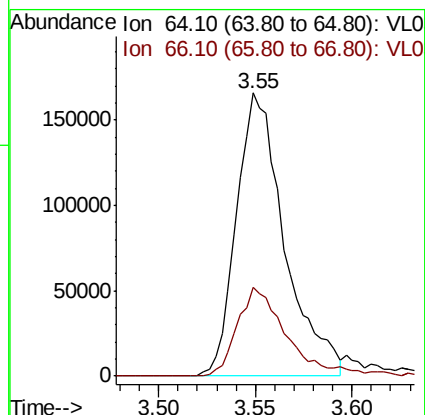
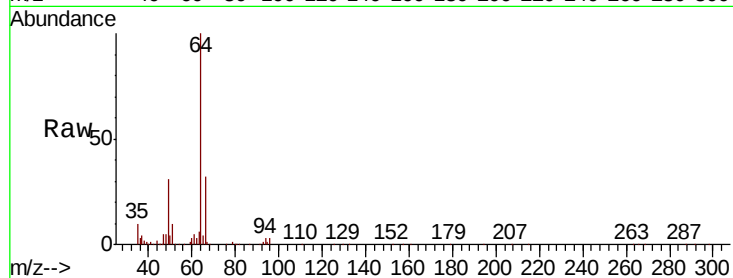
ClientSampleId :

Tot Ion: 64 Resp: 285831

Ion Ratio Lower Upper

64 100

66 31.5 25.2 37.8



#8

Dichlorotetrafluoroethane

Concen: 9.453 ppbv

RT: 3.18 min Scan# 123

Delta R.T. 0.00 min

Lab File: VL036274.D

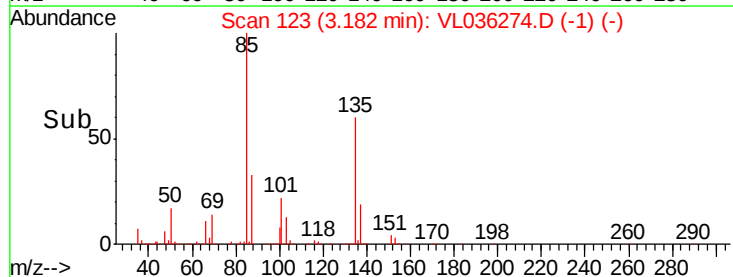
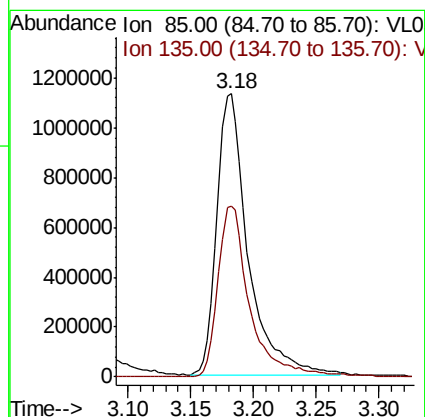
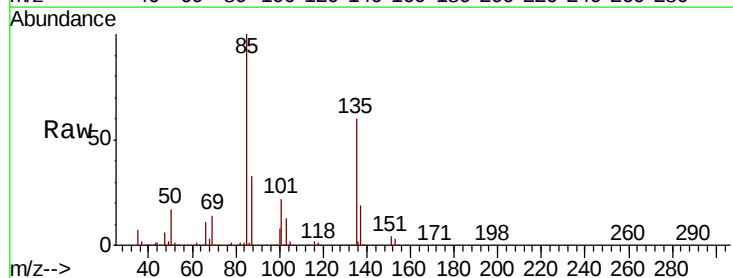
Acq: 28 Jan 2021 16:06

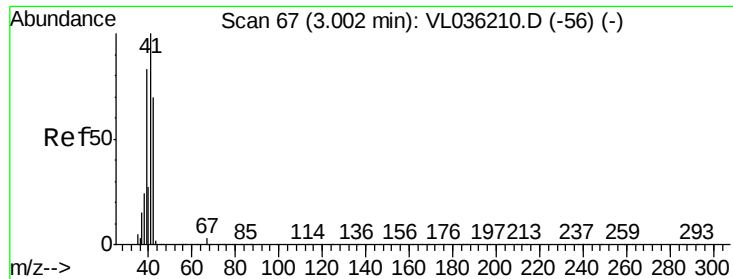
Tgt Ion: 85 Resp: 1939343

Ion Ratio Lower Upper

85 100

135 63.3 51.5 77.3





#9

Propene

Concen: 8.534 ppbv

RT: 3.00 min Scan# 67

Delta R.T. -0.00 min

Lab File: VL036274.D

Acq: 28 Jan 2021 16:06

Instrument :

MSVOA_L

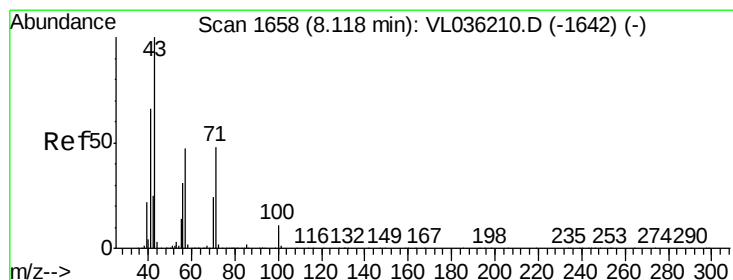
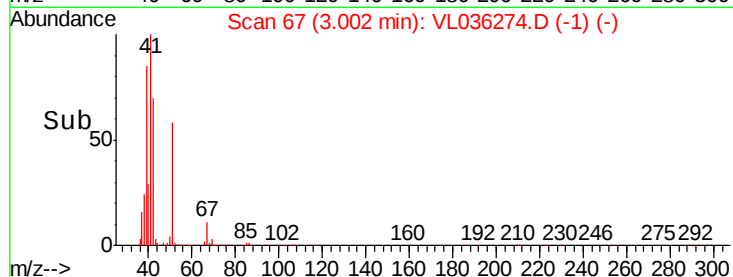
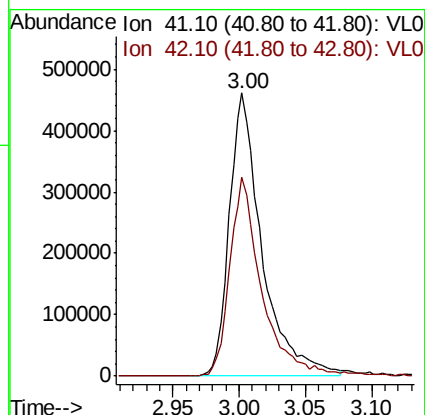
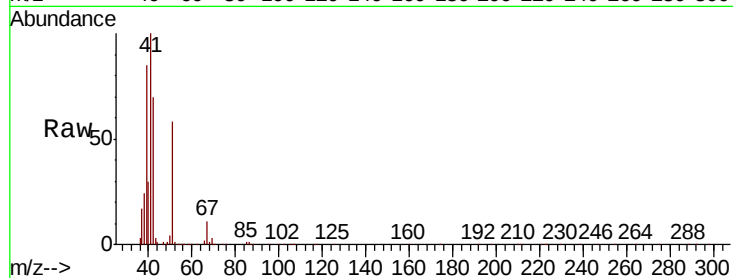
ClientSampleId :

Tot Ion: 41 Resp: 788392

Ion Ratio Lower Upper

41 100

42 69.8 57.1 85.7



#10

Heptane

Concen: 8.884 ppbv

RT: 8.12 min Scan# 1658

Delta R.T. -0.00 min

Lab File: VL036274.D

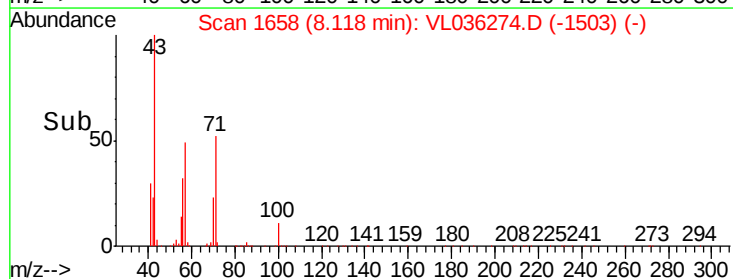
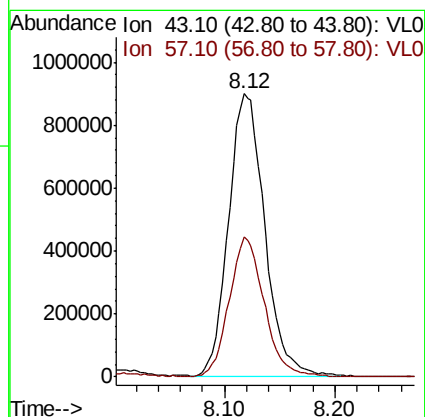
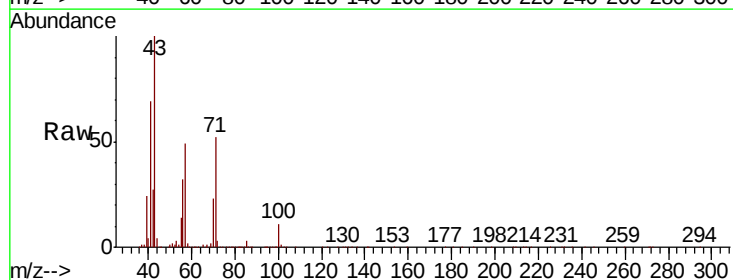
Acq: 28 Jan 2021 16:06

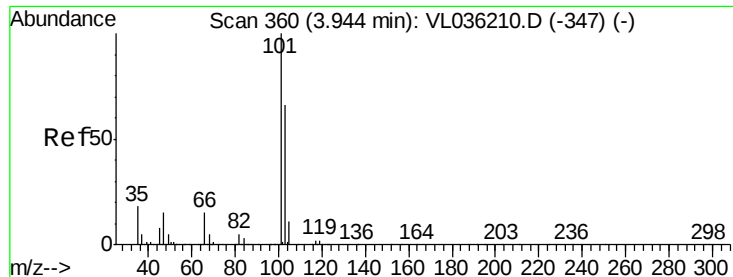
Tgt Ion: 43 Resp: 2037273

Ion Ratio Lower Upper

43 100

57 48.0 38.1 57.1

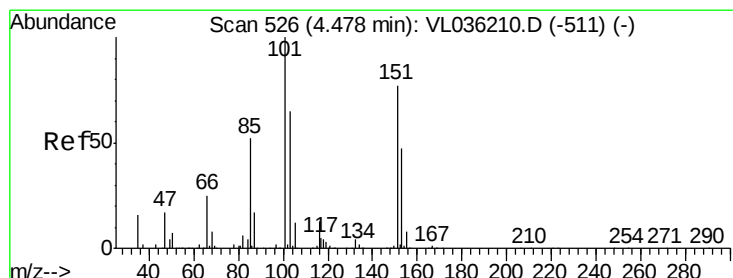
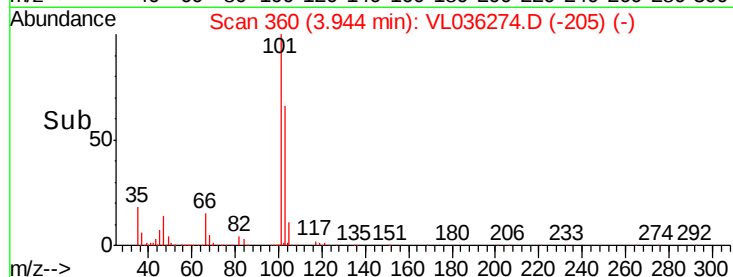
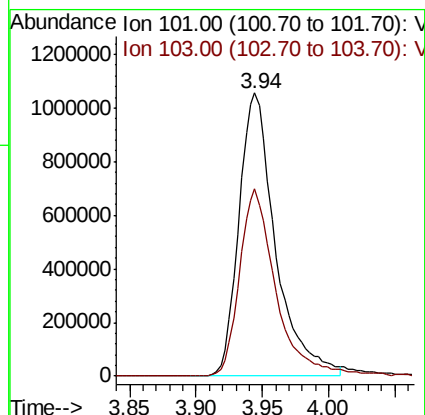
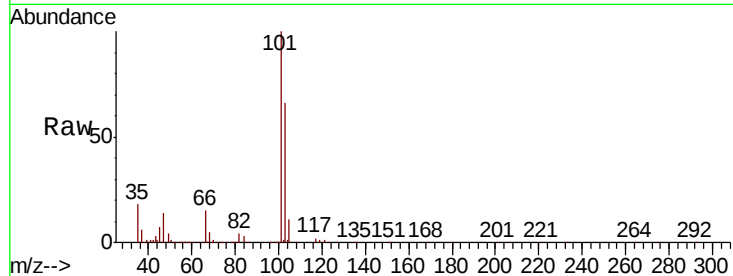




#11
 Trichlorofluoromethane
 Concen: 9.417 ppbv
 RT: 3.94 min Scan# 360
 Delta R.T. -0.00 min
 Lab File: VL036274.D
 Acq: 28 Jan 2021 16:06

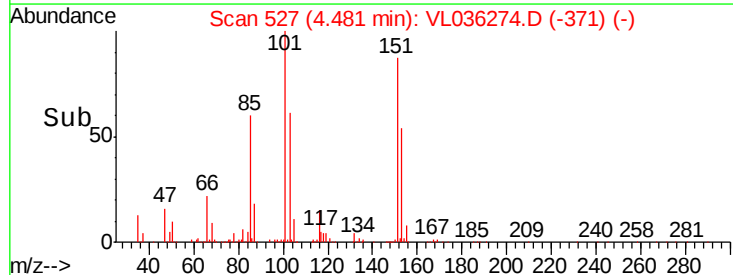
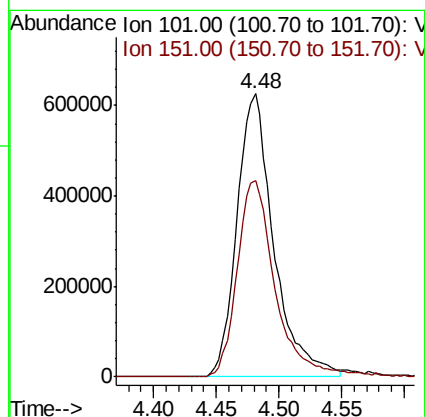
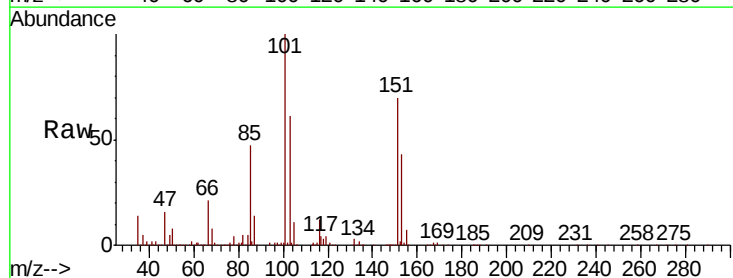
Instrument :
 MSVOA_L
 ClientSampleId :

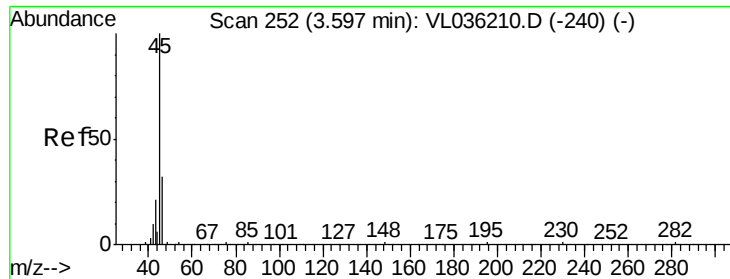
Tot Ion:101 Resp: 2027139
 Ion Ratio Lower Upper
 101 100
 103 66.1 52.6 78.8



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 9.797 ppbv
 RT: 4.48 min Scan# 527
 Delta R.T. 0.00 min
 Lab File: VL036274.D
 Acq: 28 Jan 2021 16:06

Tgt Ion:101 Resp: 1278603
 Ion Ratio Lower Upper
 101 100
 151 72.3 59.8 89.6





#13

Ethanol

Concen: 3.218 ppbv

RT: 3.60 min Scan# 253

Delta R.T. 0.00 min

Lab File: VL036274.D

Acq: 28 Jan 2021 16:06

Instrument :

MSVOA_L

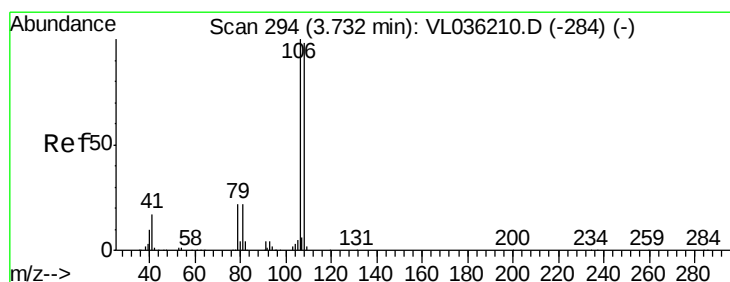
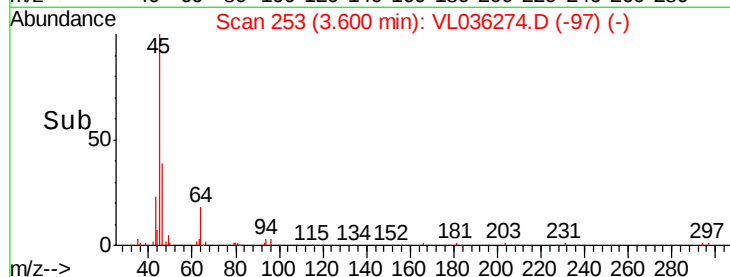
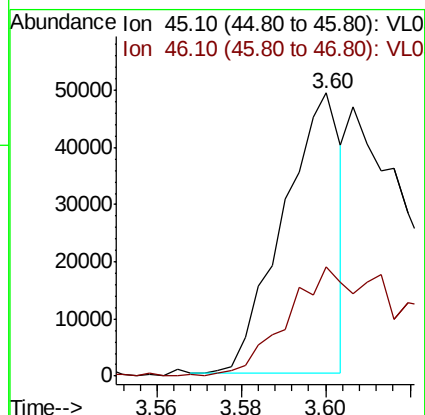
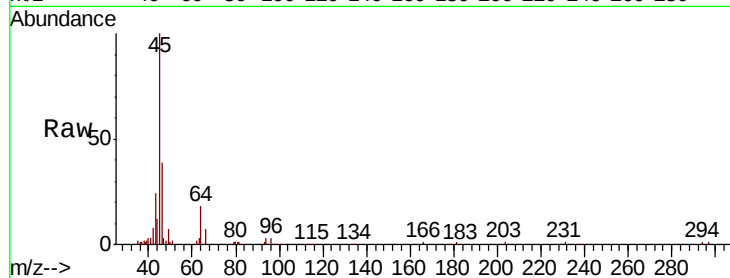
ClientSampled :

Tot Ion: 45 Resp: 46683

Ion Ratio Lower Upper

45 100

46 105.8 19.2 77.0#



#14

Bromoethene

Concen: 9.451 ppbv

RT: 3.74 min Scan# 295

Delta R.T. 0.00 min

Lab File: VL036274.D

Acq: 28 Jan 2021 16:06

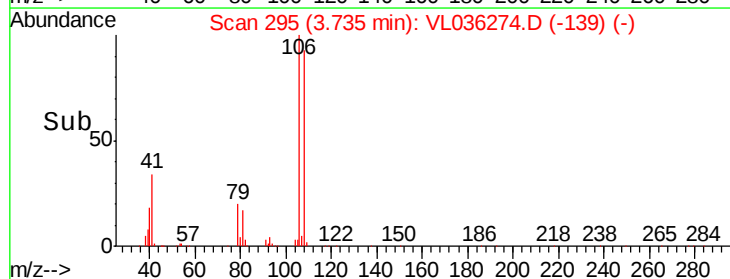
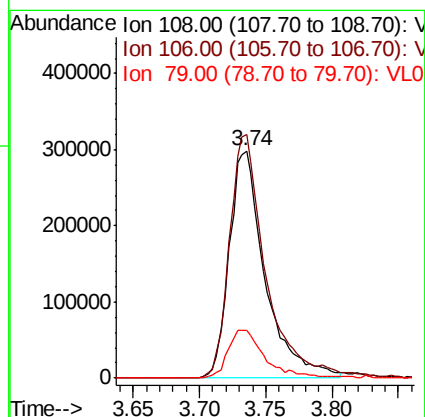
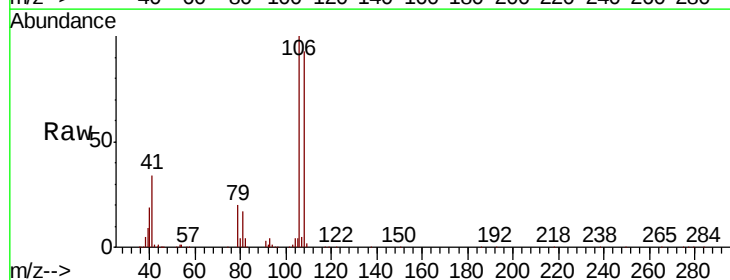
Tgt Ion: 108 Resp: 561675

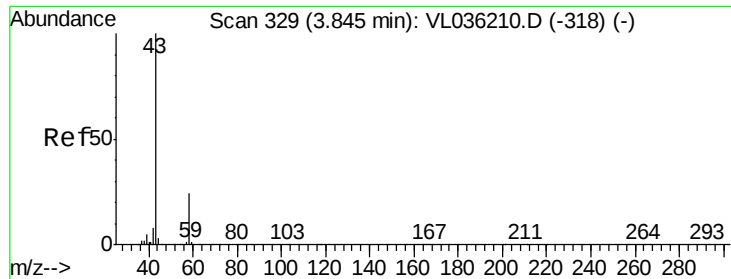
Ion Ratio Lower Upper

108 100

106 110.2 91.4 137.2

79 22.4 18.3 27.5

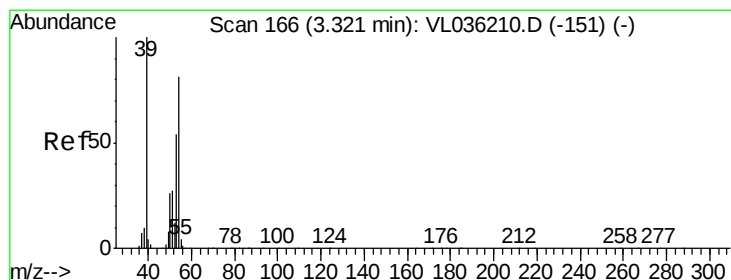
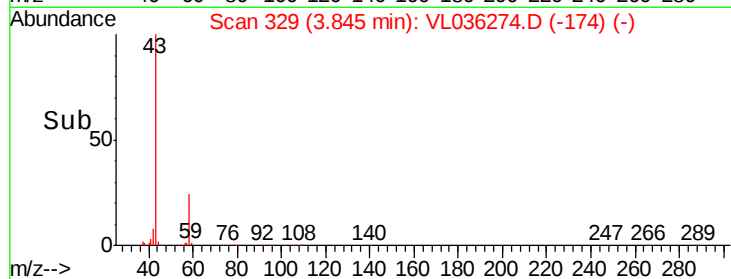
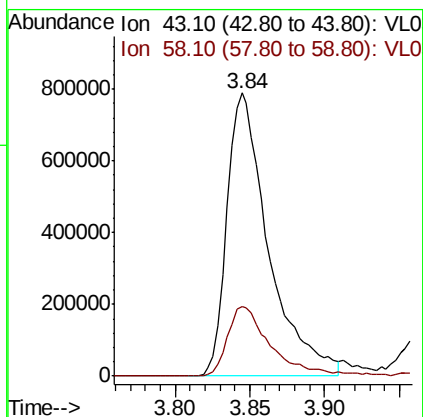
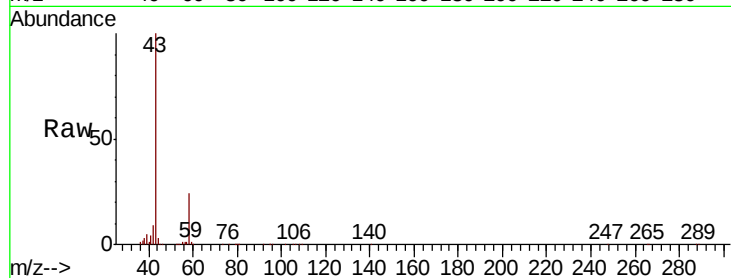




#15
Acetone
Concen: 7.886 ppbv
RT: 3.84 min Scan# 329
Delta R.T. -0.00 min
Lab File: VL036274.D
Acq: 28 Jan 2021 16:06

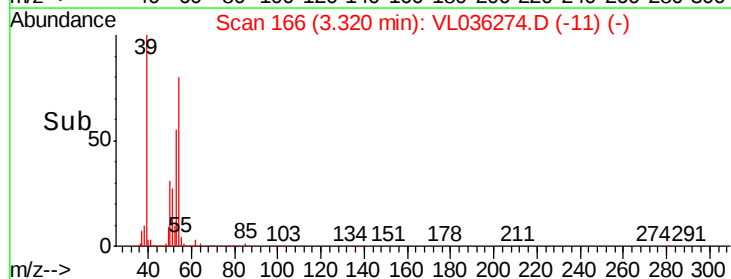
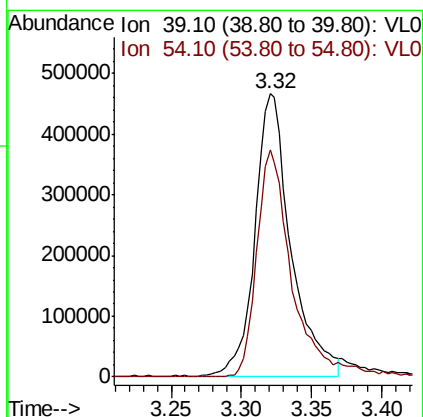
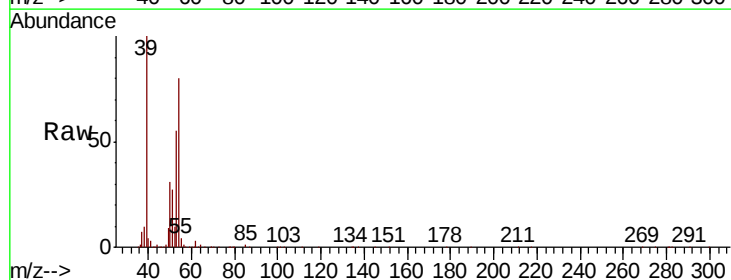
Instrument :
MSVOA_L
ClientSampleId :

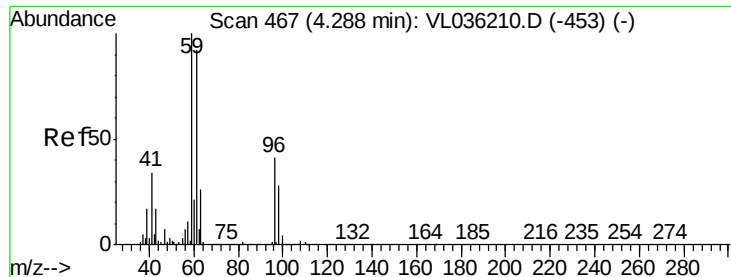
Tot Ion: 43 Resp: 1525652
Ion Ratio Lower Upper
43 100
58 25.8 20.9 31.3



#16
1,3-Butadiene
Concen: 8.786 ppbv
RT: 3.32 min Scan# 166
Delta R.T. -0.00 min
Lab File: VL036274.D
Acq: 28 Jan 2021 16:06

Tgt Ion: 39 Resp: 828103
Ion Ratio Lower Upper
39 100
54 80.2 62.5 93.7



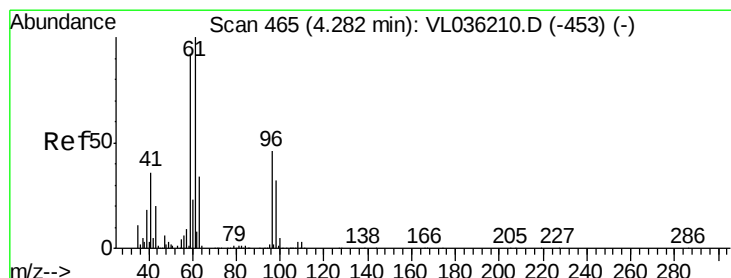
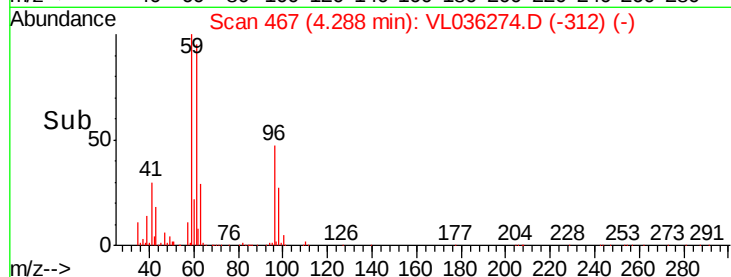
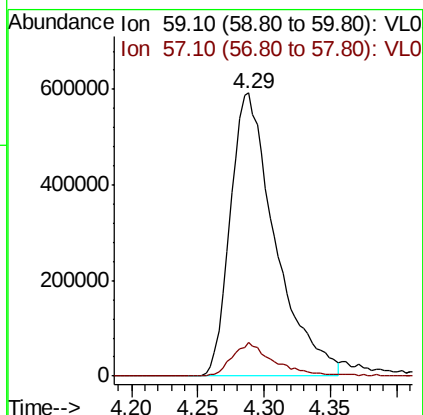
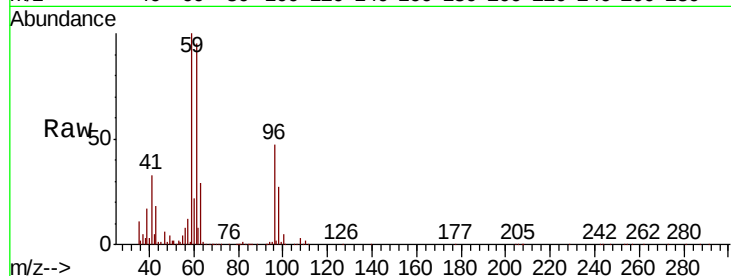


#17

tert-Butyl alcohol
Concen: 8.758 ppbv
RT: 4.29 min Scan# 467
Delta R.T. -0.00 min
Lab File: VL036274.D
Acq: 28 Jan 2021 16:06

Instrument :
MSVOA_L
ClientSampleId :

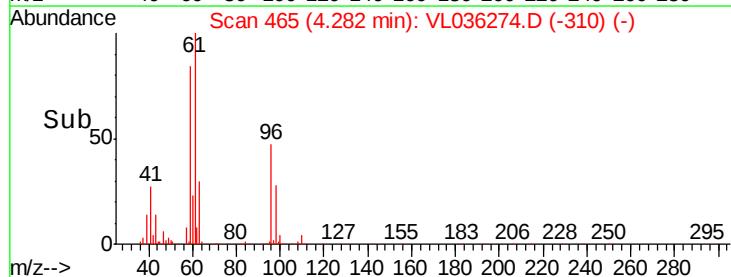
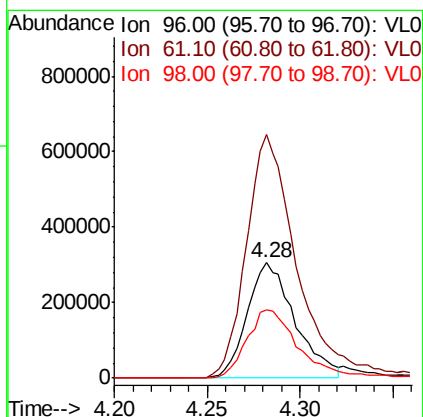
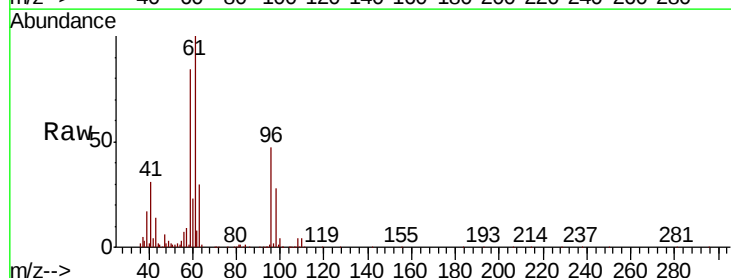
Tot Ion: 59 Resp: 1398153
Ion Ratio Lower Upper
59 100
57 11.2 9.2 13.8

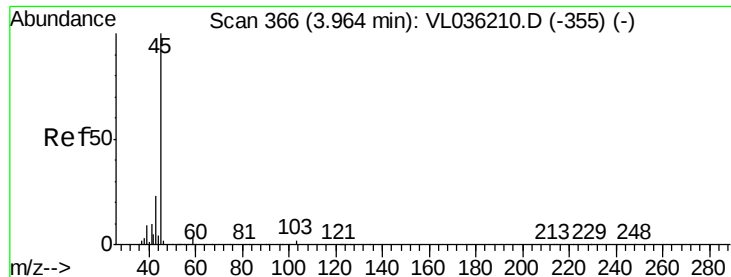


#18

1,1-Dichloroethene
Concen: 9.030 ppbv
RT: 4.28 min Scan# 465
Delta R.T. -0.00 min
Lab File: VL036274.D
Acq: 28 Jan 2021 16:06

Tgt Ion: 96 Resp: 546399
Ion Ratio Lower Upper
96 100
61 211.1 173.4 260.0
98 59.0 54.9 82.3





#19

Isopropyl Alcohol

Concen: 8.047 ppbv

RT: 3.96 min Scan# 366

Delta R.T. -0.00 min

Lab File: VL036274.D

Acq: 28 Jan 2021 16:06

Instrument :

MSVOA_L

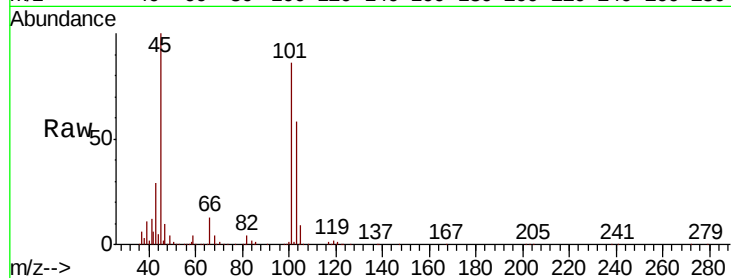
ClientSampleId :

Tot Ion: 45 Resp: 938569

Ion Ratio Lower Upper

45 100

58 2.0 1.9 2.9



Abundance Ion 45.10 (44.80 to 45.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

3.96

400000

300000

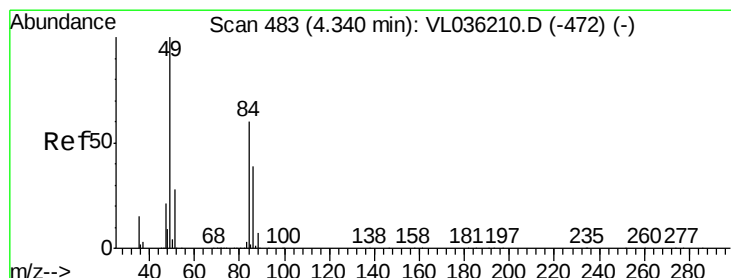
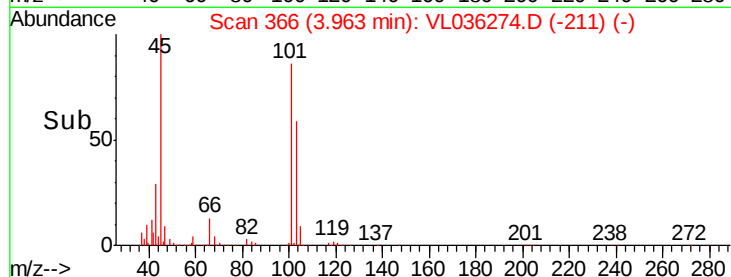
200000

100000

0

3.90 3.95 4.00 4.05

Time-->



#20

Methylene Chloride

Concen: 7.762 ppbv

RT: 4.34 min Scan# 482

Delta R.T. -0.00 min

Lab File: VL036274.D

Acq: 28 Jan 2021 16:06

Tgt Ion: 84 Resp: 479287

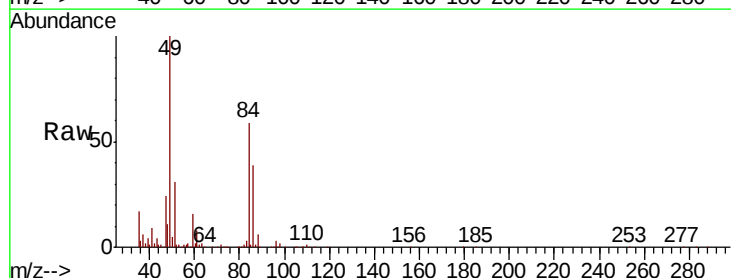
Ion Ratio Lower Upper

84 100

49 167.4 134.1 201.1

51 50.1 37.4 56.0

86 65.8 52.6 78.8



Abundance Ion 84.00 (83.70 to 84.70): VL0

Ion 49.10 (48.80 to 49.80): VL0

Ion 51.10 (50.80 to 51.80): VL0

Ion 86.00 (85.70 to 86.70): VL0

600000

500000

400000

300000

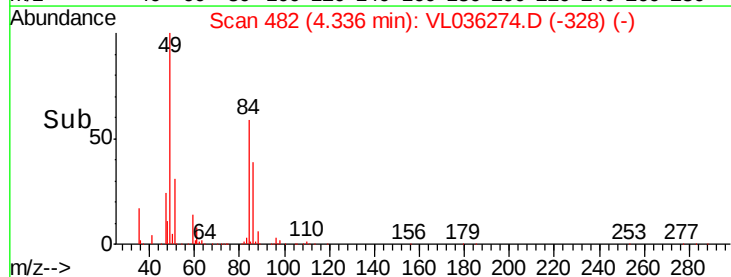
200000

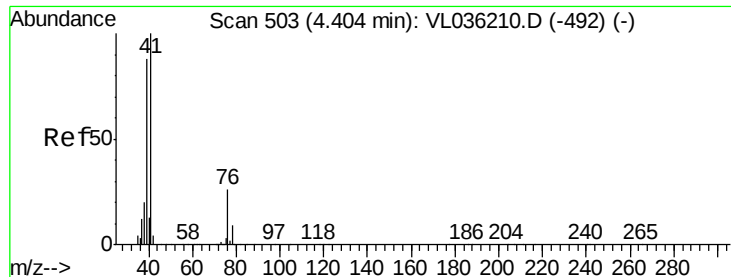
100000

0

4.30 4.35 4.40

Time-->





#21

Allvl Chloride

Concen: 9.631 ppbv

RT: 4.40 min Scan# 503

Delta R.T. -0.00 min

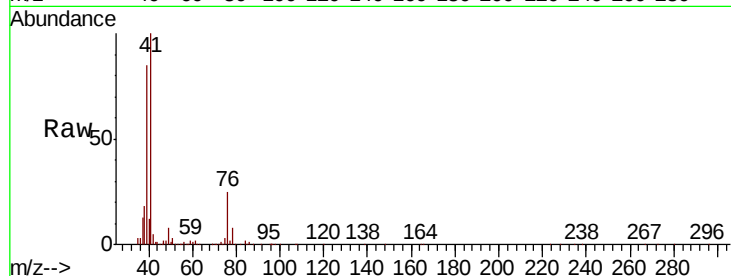
Lab File: VL036274.D

Acq: 28 Jan 2021 16:06

Instrument :
MSVOA_L
ClientSampleId :

Tot Ion: 41 Resp: 1014197

Ion	Ratio	Lower	Upper
41	100		
76	26.2	20.5	30.7
39	85.2	67.8	101.8

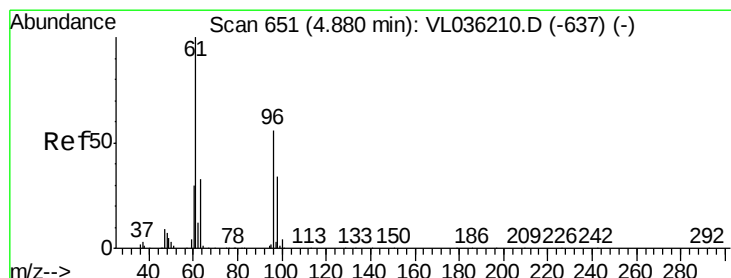
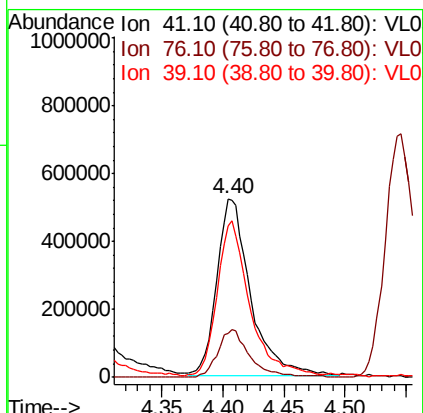
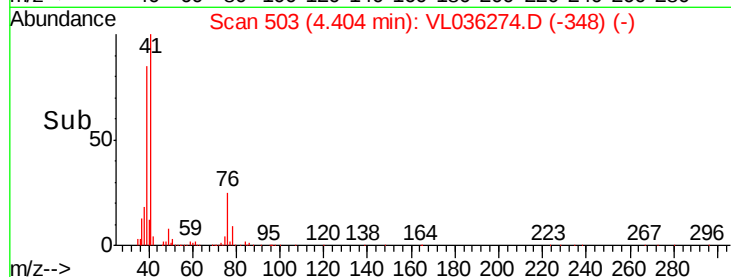


Abundance

Ion 41.10 (40.80 to 41.80): VL0

Ion 76.10 (75.80 to 76.80): VL0

Ion 39.10 (38.80 to 39.80): VL0



#22

trans-1,2-Dichloroethene

Concen: 9.369 ppbv

RT: 4.88 min Scan# 651

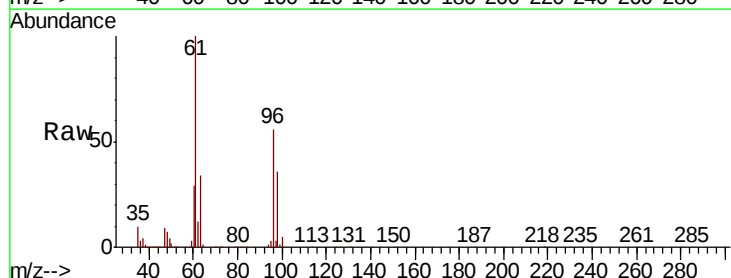
Delta R.T. -0.00 min

Lab File: VL036274.D

Acq: 28 Jan 2021 16:06

Tgt Ion: 96 Resp: 523782

Ion	Ratio	Lower	Upper
96	100		
61	179.1	142.7	214.1
98	64.4	48.7	73.1

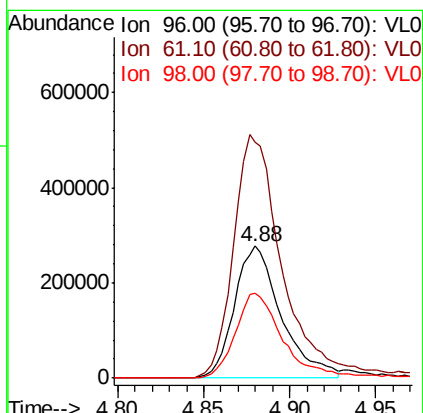
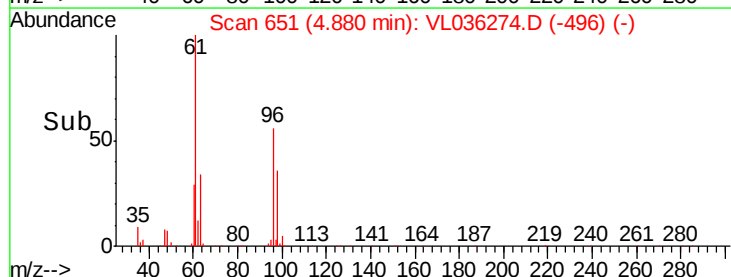


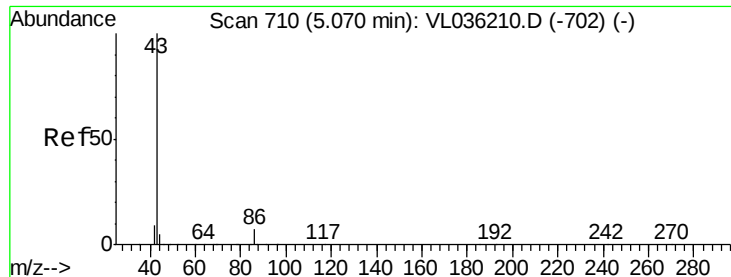
Abundance

Ion 96.00 (95.70 to 96.70): VL0

Ion 61.10 (60.80 to 61.80): VL0

Ion 98.00 (97.70 to 98.70): VL0





#23

Vinyl Acetate

Concen: 9.001 ppbv

RT: 5.07 min Scan# 710

Delta R.T. -0.00 min

Lab File: VL036274.D

Acq: 28 Jan 2021 16:06

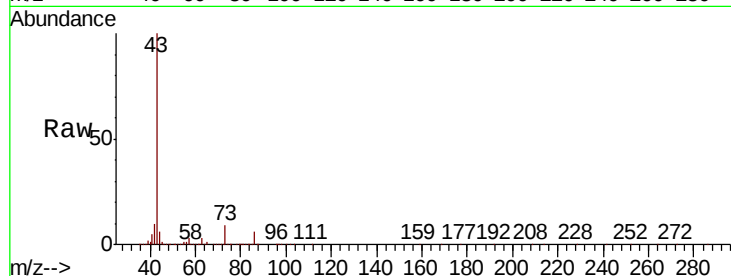
Instrument :

MSVOA_L

ClientSampleId :

Tot Ion: 43 Resp: 2110011

Ion	Ratio	Lower	Upper
43	100		
86	6.0	4.9	7.3
42	10.1	7.8	11.6
44	5.8	3.7	5.5#

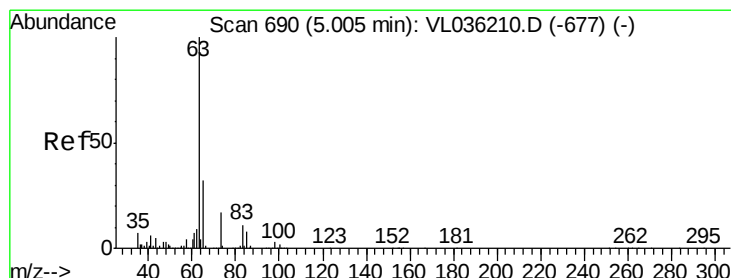
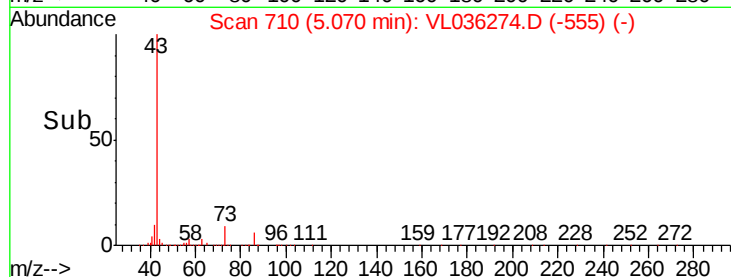
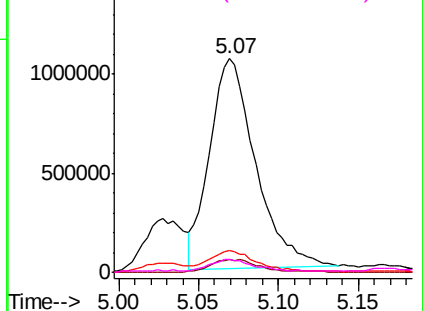


Abundance Ion 43.10 (42.80 to 43.80): VL0

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: 9.117 ppbv

RT: 5.01 min Scan# 691

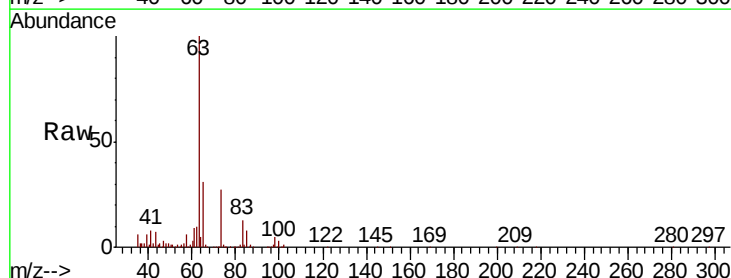
Delta R.T. 0.00 min

Lab File: VL036274.D

Acq: 28 Jan 2021 16:06

Tgt Ion: 63 Resp: 1548148

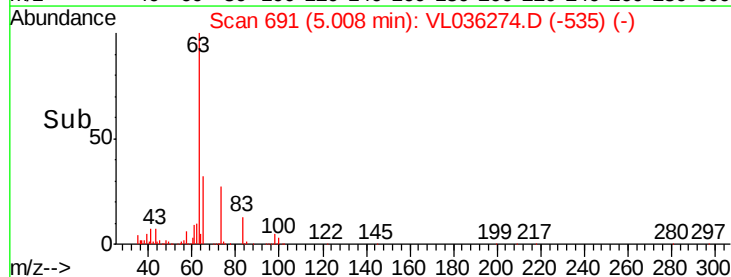
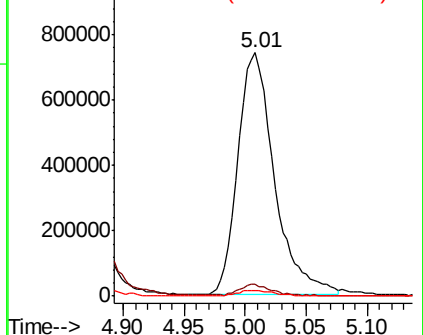
Ion	Ratio	Lower	Upper
63	100		
98	4.4	1.7	5.1
100	2.4	1.1	3.1

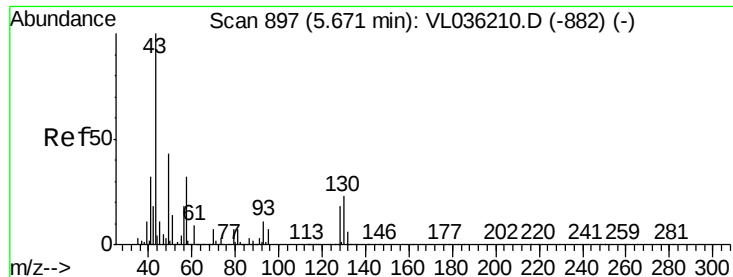


Abundance Ion 63.10 (62.80 to 63.80): VL0

Ion 98.00 (97.70 to 98.70): VL0

Ion 100.00 (99.70 to 100.70): VL0



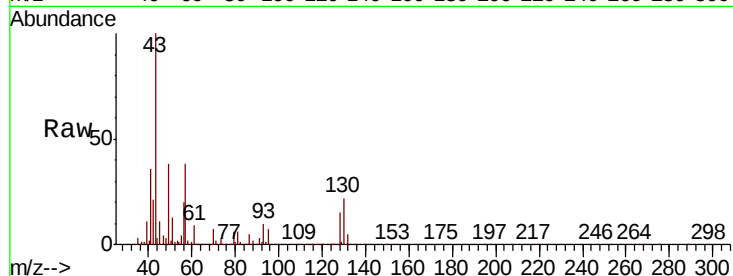


#25
Ethyl Acetate
Concen: 8.773 ppbv
RT: 5.67 min Scan# 898
Delta R.T. 0.00 min
Lab File: VL036274.D
Acq: 28 Jan 2021 16:06

Instrument :
MSVOA_L
ClientSampleId :

Tot Ion: 43 Resp: 3407479

Ion	Ratio	Lower	Upper
43	100		
45	10.2	8.3	12.5
61	9.4	7.4	11.2
70	6.8	5.5	8.3



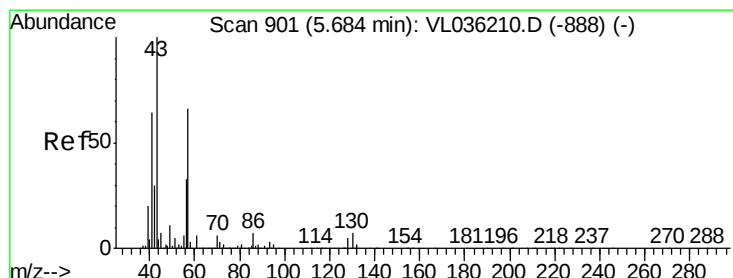
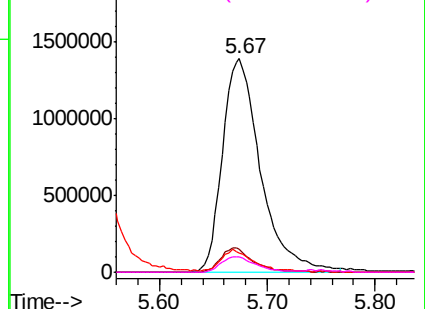
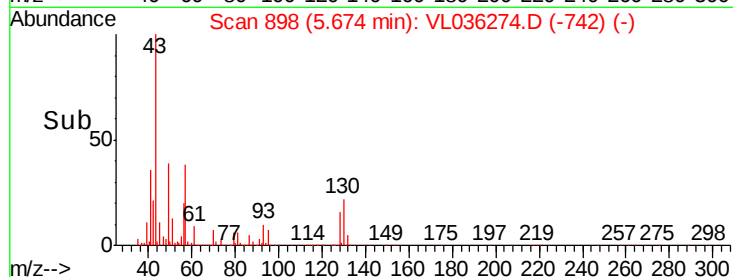
Abundance

Ion 43.10 (42.80 to 43.80): VL0

Ion 45.10 (44.80 to 45.80): VL0

Ion 61.10 (60.80 to 61.80): VL0

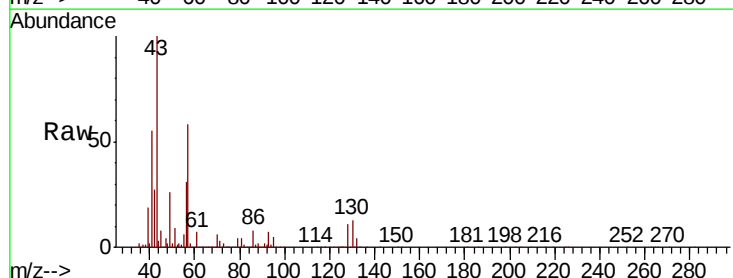
Ion 70.10 (69.80 to 70.80): VL0



#26
Hexane
Concen: 8.504 ppbv
RT: 5.68 min Scan# 901
Delta R.T. -0.00 min
Lab File: VL036274.D
Acq: 28 Jan 2021 16:06

Tgt Ion: 57 Resp: 1375219

Ion	Ratio	Lower	Upper
57	100		
41	101.6	83.0	124.6
43	250.4	202.4	303.6
56	53.9	43.4	65.0



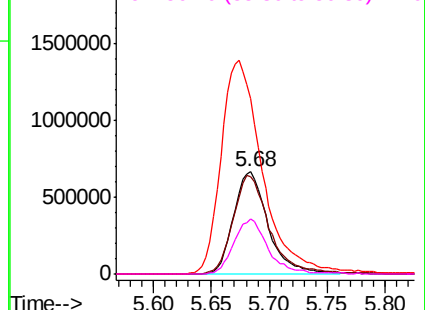
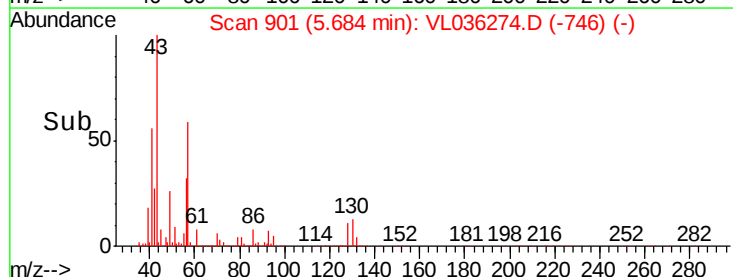
Abundance

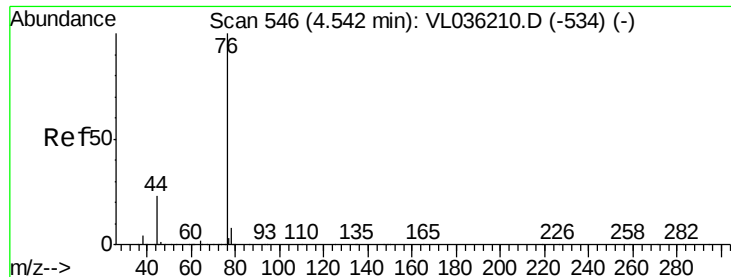
Ion 57.10 (56.80 to 57.80): VL0

Ion 41.10 (40.80 to 41.80): VL0

Ion 43.10 (42.80 to 43.80): VL0

Ion 56.10 (55.80 to 56.80): VL0





#27

Carbon Disulfide

Concen: 10.888 ppbv

RT: 4.55 min Scan# 547

Delta R.T. 0.00 min

Lab File: VL036274.D

Acq: 28 Jan 2021 16:06

Instrument :

MSVOA_L

ClientSampleId :

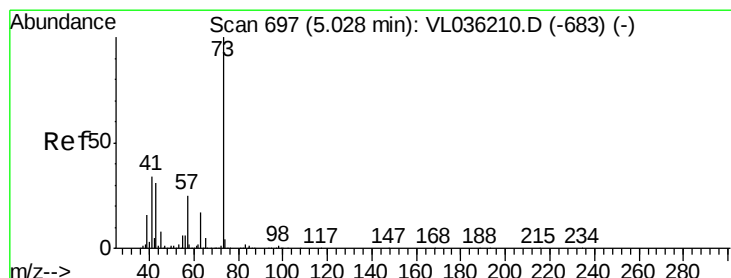
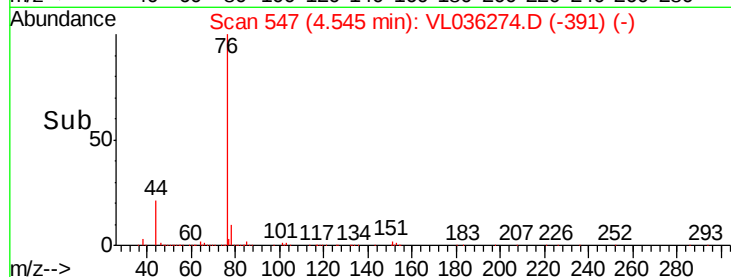
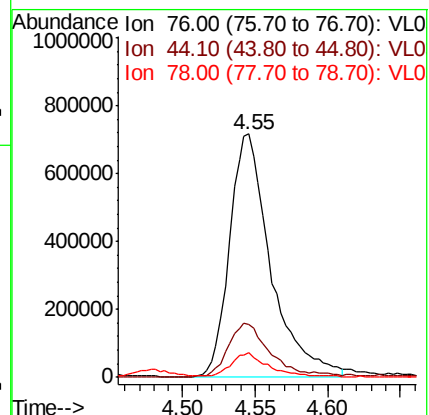
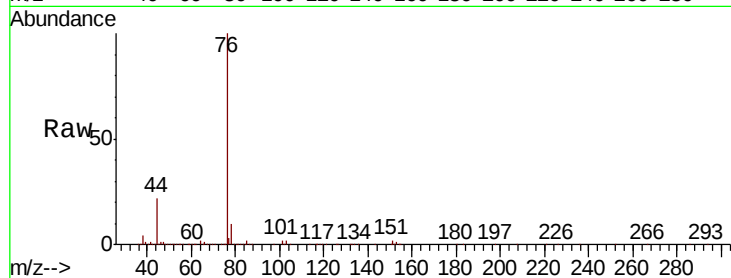
Tot Ion: 76 Resp: 1407898

Ion Ratio Lower Upper

76 100

44 23.0 19.0 28.6

78 10.0 8.0 12.0



#28

Methyl tert-Butyl Ether

Concen: 8.691 ppbv

RT: 5.03 min Scan# 697

Delta R.T. -0.00 min

Lab File: VL036274.D

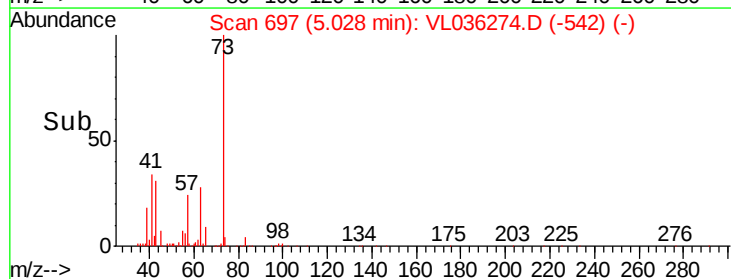
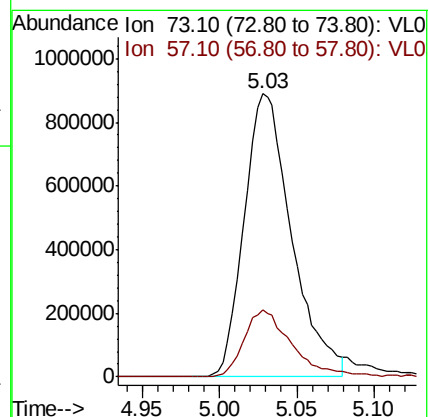
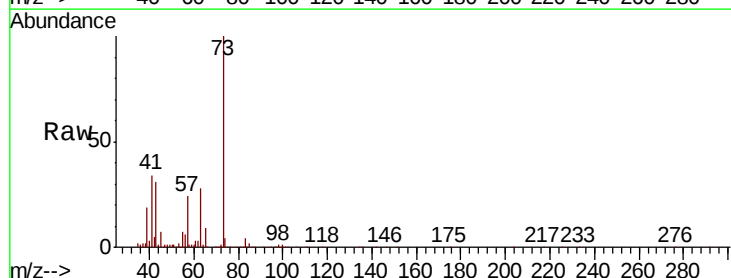
Acq: 28 Jan 2021 16:06

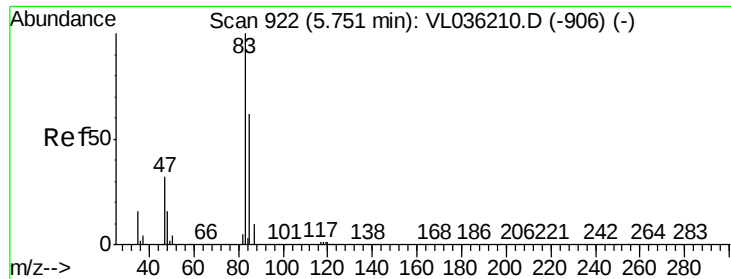
Tgt Ion: 73 Resp: 1900597

Ion Ratio Lower Upper

73 100

57 24.2 20.4 30.6





#29

Chloroform

Concen: 9.249 ppbv

RT: 5.75 min Scan# 921

Delta R.T. -0.00 min

Lab File: VL036274.D

Acq: 28 Jan 2021 16:06

Instrument :

MSVOA_L

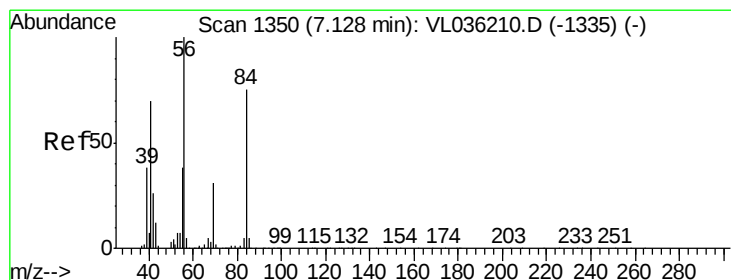
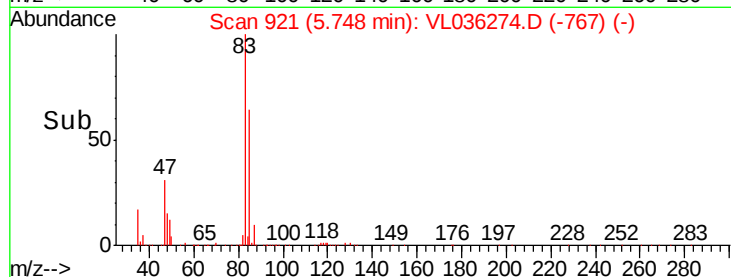
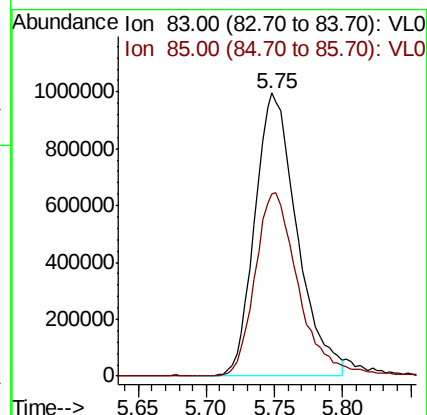
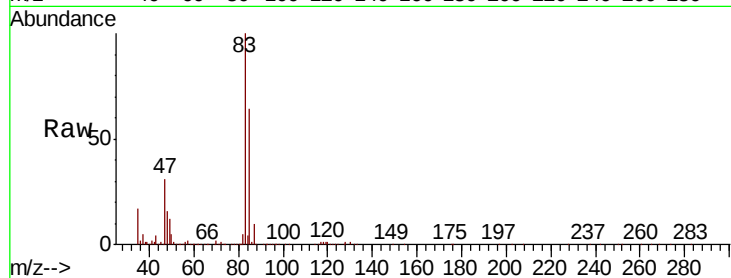
ClientSampleId :

Tot Ion: 83 Resp: 2141638

Ion Ratio Lower Upper

83 100

85 64.0 49.3 73.9



#30

Cyclohexane

Concen: 9.365 ppbv

RT: 7.12 min Scan# 1349

Delta R.T. -0.00 min

Lab File: VL036274.D

Acq: 28 Jan 2021 16:06

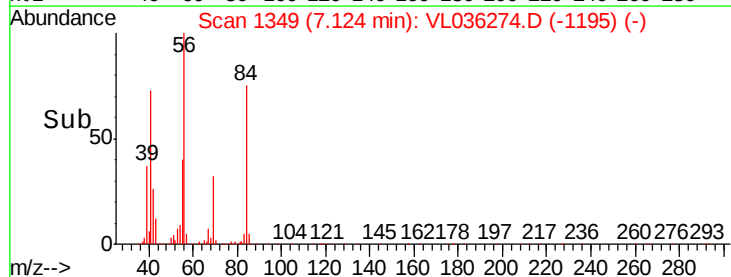
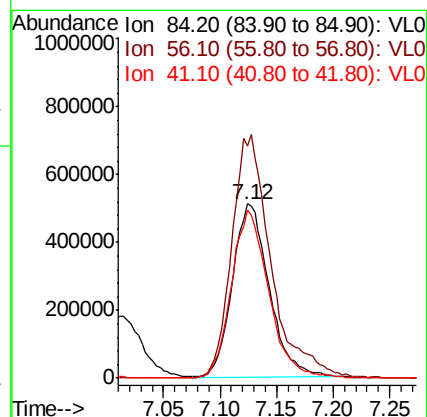
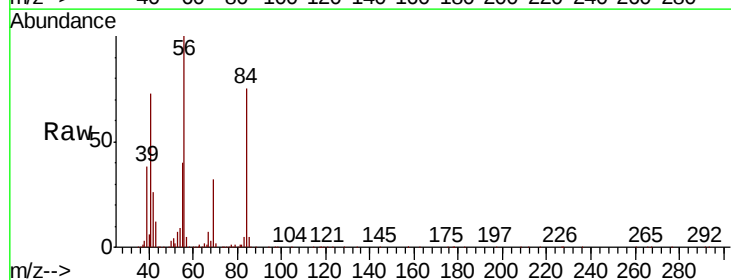
Tgt Ion: 84 Resp: 1157240

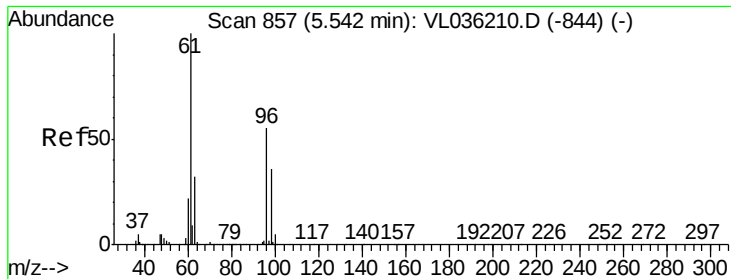
Ion Ratio Lower Upper

84 100

56 150.5 119.4 179.0

41 98.2 79.4 119.0



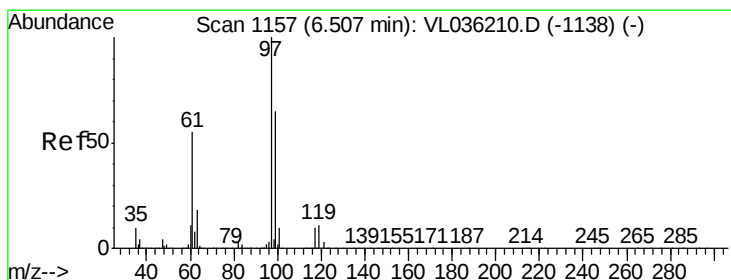
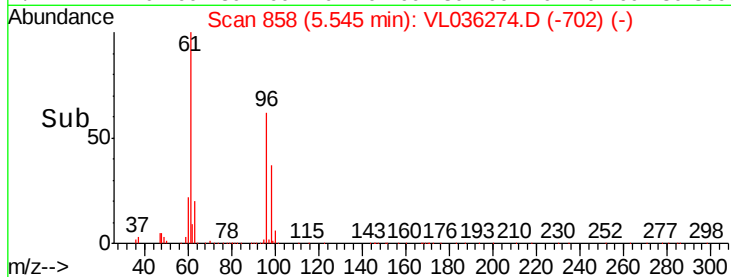
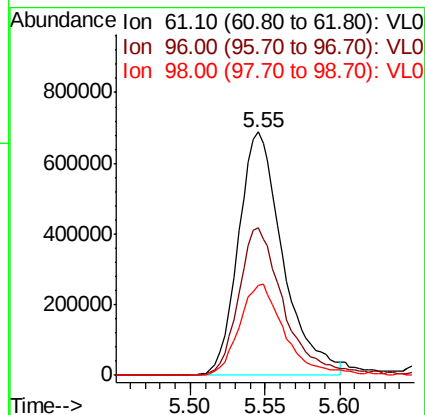
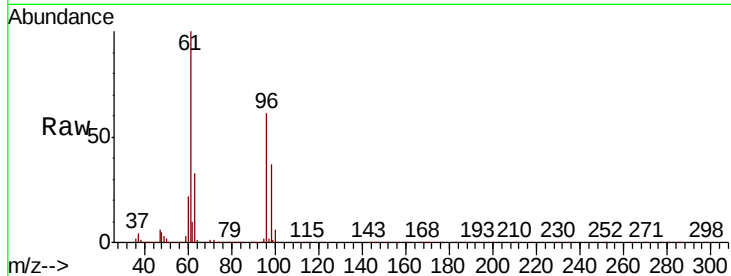


#31

cis-1,2-Dichloroethene
Concen: 9.189 ppbv
RT: 5.55 min Scan# 858
Delta R.T. 0.00 min
Lab File: VL036274.D
Acq: 28 Jan 2021 16:06

Instrument :
MSVOA_L
ClientSampled :

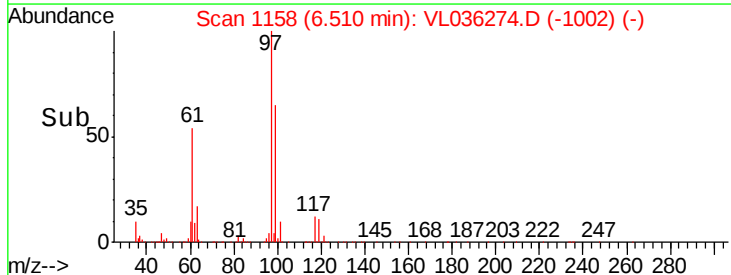
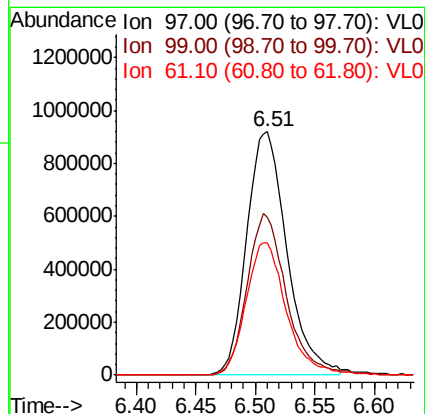
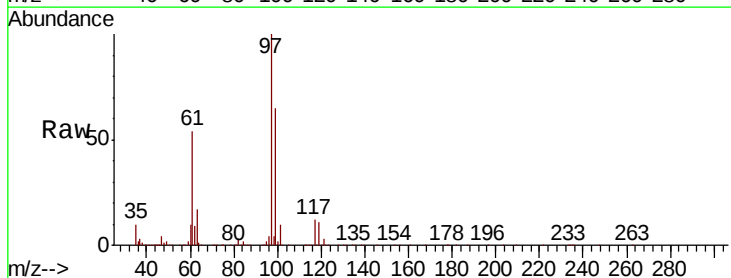
Tot Ion: 61 Resp: 1420348
Ion Ratio Lower Upper
61 100
96 60.8 44.1 66.1
98 36.8 28.6 42.8

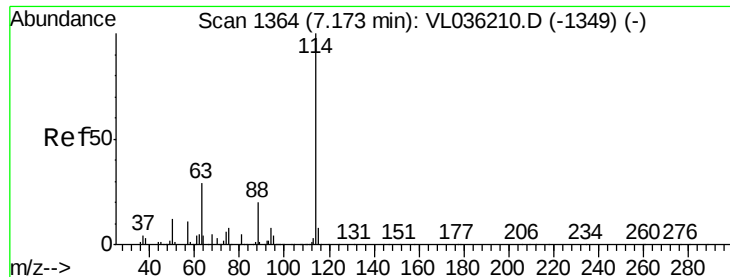


#32

1,1,1-Trichloroethane
Concen: 9.625 ppbv
RT: 6.51 min Scan# 1158
Delta R.T. 0.00 min
Lab File: VL036274.D
Acq: 28 Jan 2021 16:06

Tgt Ion: 97 Resp: 2155569
Ion Ratio Lower Upper
97 100
99 65.0 52.0 78.0
61 54.9 43.6 65.4



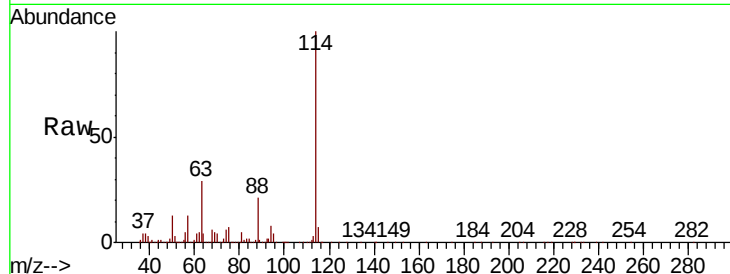


#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.18 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VL036274.D
 Acq: 28 Jan 2021 16:06

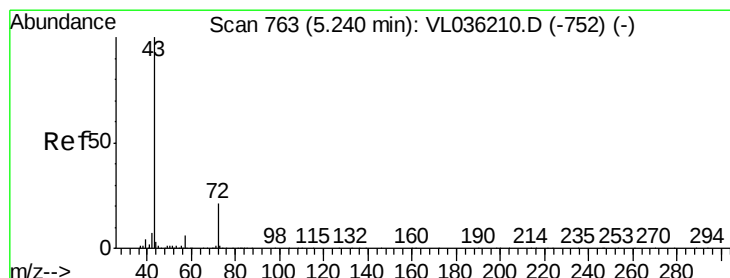
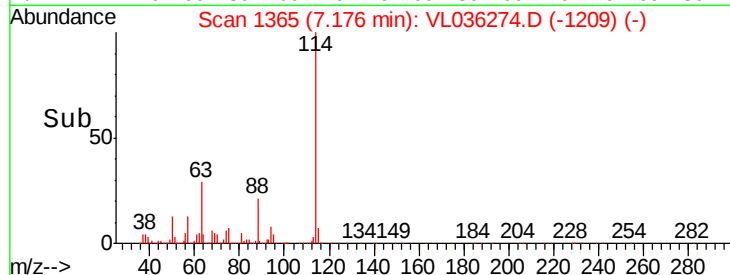
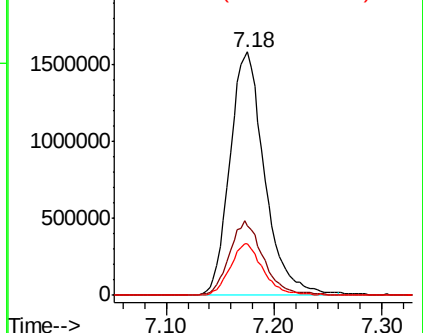
Instrument :
 MSVOA_L
 ClientSampleId :

Tot Ion:114 Resp: 3562231

Ion	Ratio	Lower	Upper
114	100		
63	30.1	24.7	37.1
88	20.3	16.6	24.8



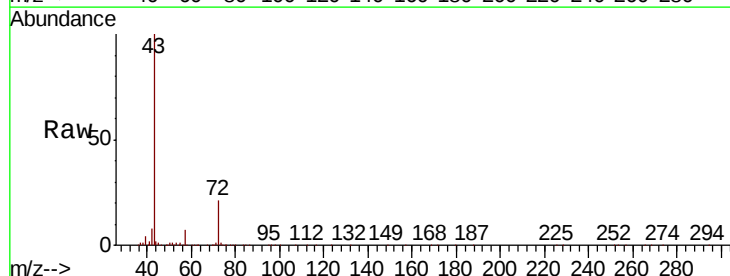
Abundance Ion 114.10 (113.80 to 114.80): VL0
 Ion 63.10 (62.80 to 63.80): VL0
 Ion 88.10 (87.80 to 88.80): VL0



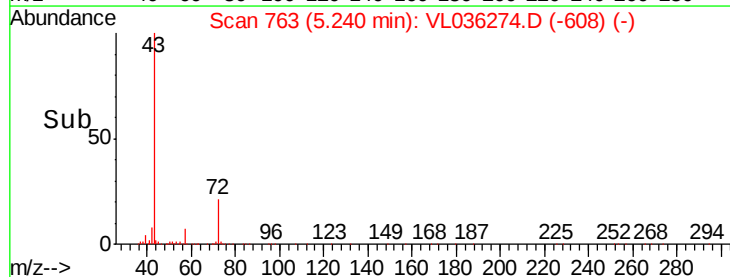
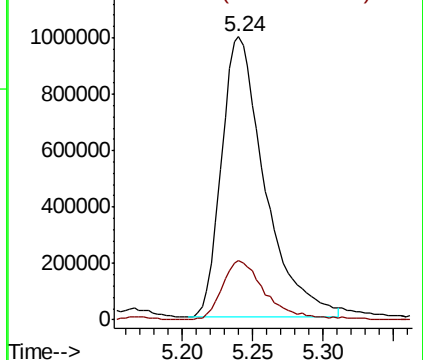
#34
 2-Butanone
 Concen: 8.117 ppbv
 RT: 5.24 min Scan# 763
 Delta R.T. -0.00 min
 Lab File: VL036274.D
 Acq: 28 Jan 2021 16:06

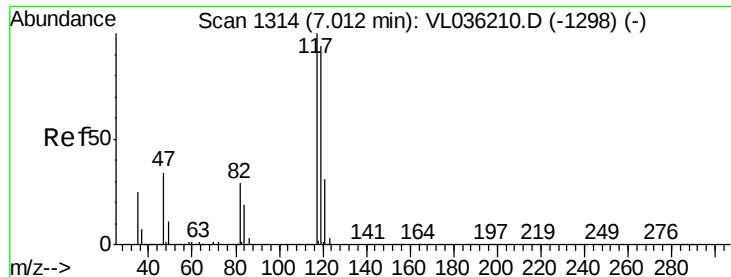
Tgt Ion: 43 Resp: 2129259

Ion	Ratio	Lower	Upper
43	100		
72	21.7	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: 9.770 ppbv

RT: 7.01 min Scan# 1315

Delta R.T. 0.00 min

Lab File: VL036274.D

Acq: 28 Jan 2021 16:06

Instrument :

MSVOA_L

ClientSampleId :

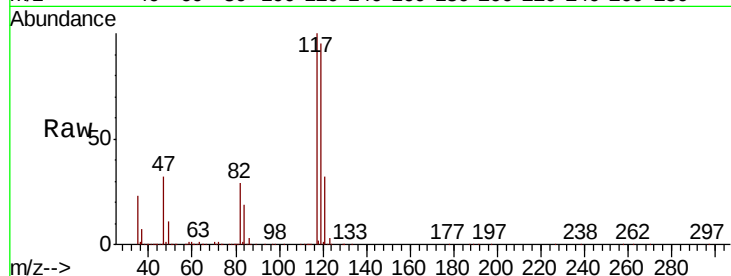
Tot Ion:117 Resp: 2198921

Ion Ratio Lower Upper

117 100

119 94.7 74.9 112.3

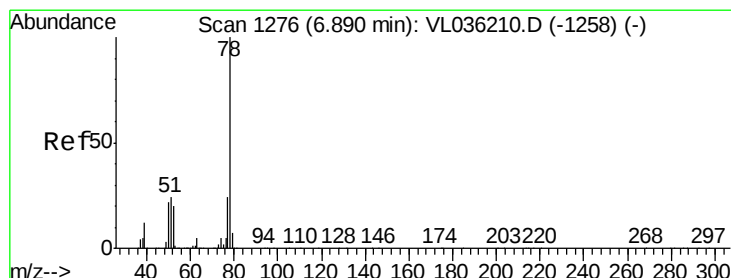
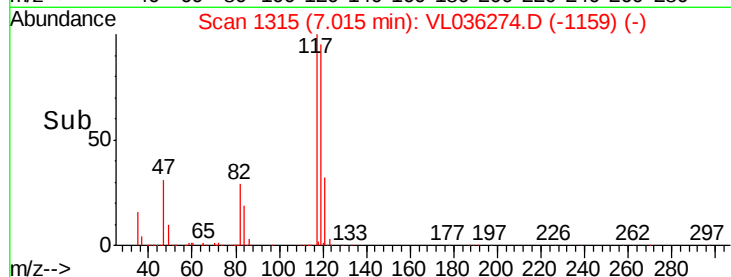
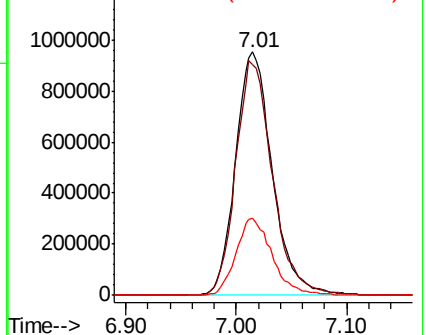
121 31.9 25.0 37.6



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: 8.825 ppbv

RT: 6.89 min Scan# 1276

Delta R.T. -0.00 min

Lab File: VL036274.D

Acq: 28 Jan 2021 16:06

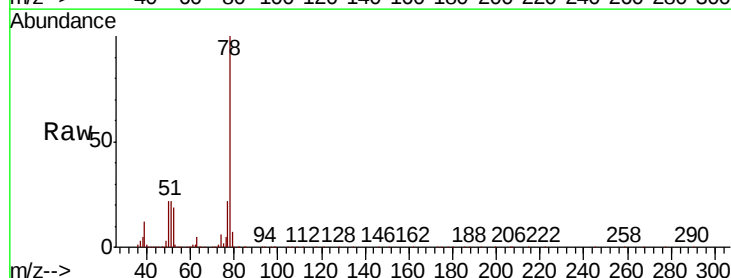
Tgt Ion: 78 Resp: 2880398

Ion Ratio Lower Upper

78 100

77 22.4 19.4 29.0

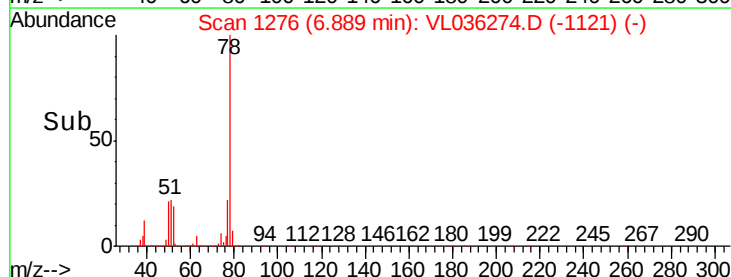
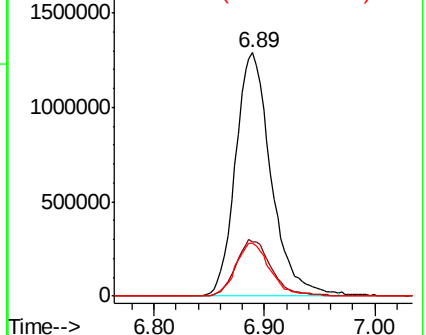
50 21.5 17.4 26.2

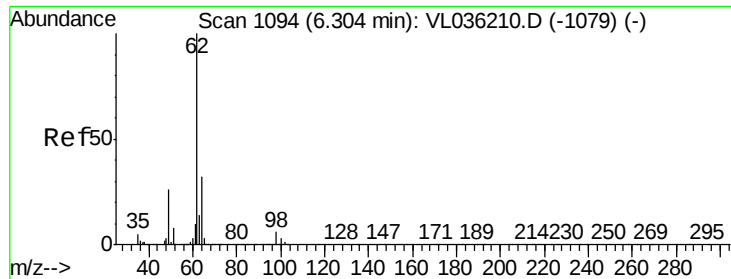


Abundance Ion 78.10 (77.80 to 78.80): VL0

Ion 77.10 (76.80 to 77.80): VL0

Ion 50.10 (49.80 to 50.80): VL0

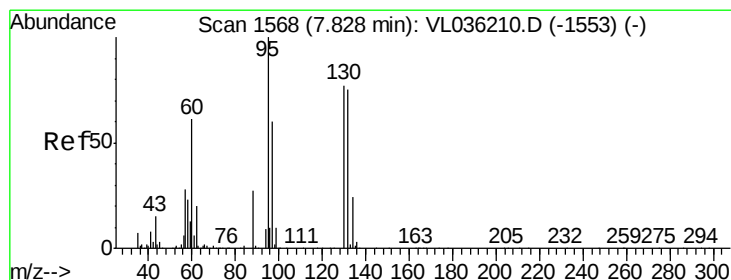
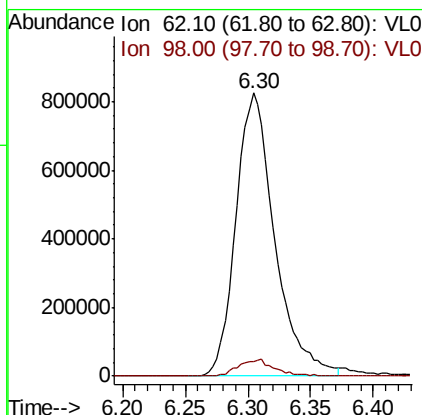
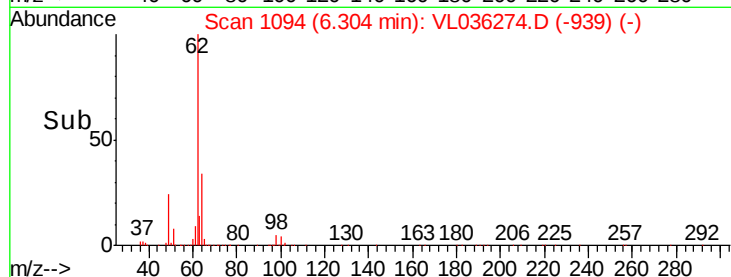
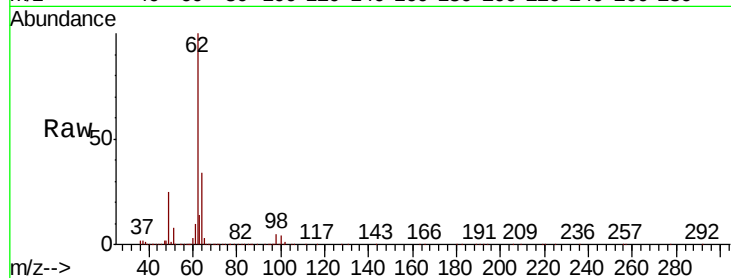




#37
 1,2-Dichloroethane
 Concen: 9.065 ppbv
 RT: 6.30 min Scan# 1094
 Delta R.T. -0.00 min
 Lab File: VL036274.D
 Acq: 28 Jan 2021 16:06

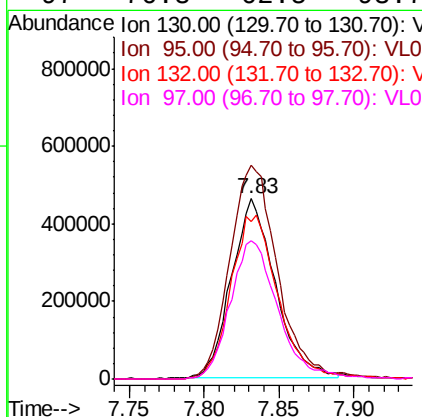
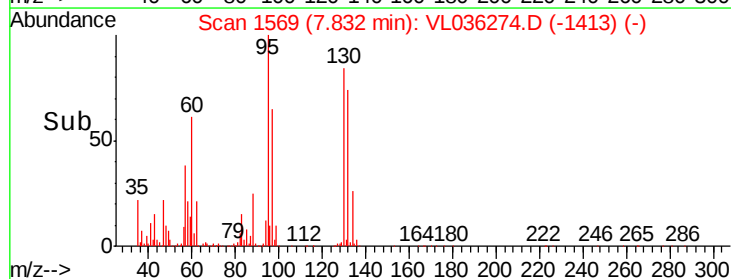
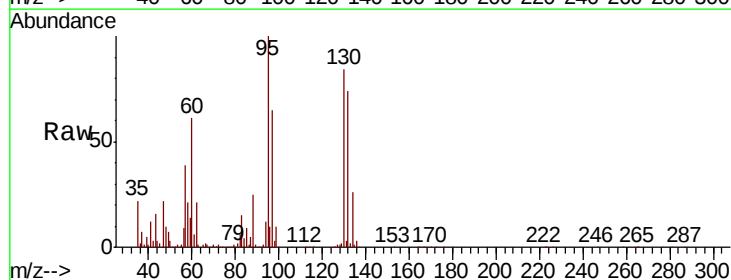
Instrument :
 MSVOA_L
 ClientSampleId :

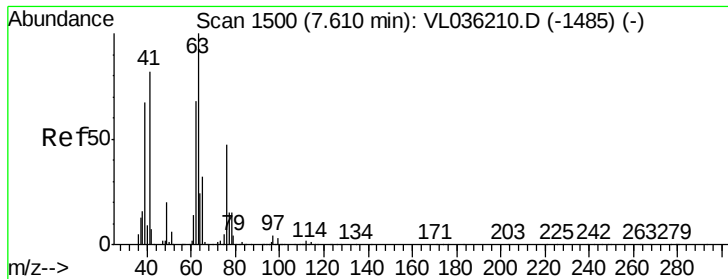
Tot Ion: 62 Resp: 1780458
 Ion Ratio Lower Upper
 62 100
 98 5.7 4.4 6.6



#38
 Trichloroethene
 Concen: 7.819 ppbv
 RT: 7.83 min Scan# 1569
 Delta R.T. 0.00 min
 Lab File: VL036274.D
 Acq: 28 Jan 2021 16:06

Tgt Ion: 130 Resp: 945193
 Ion Ratio Lower Upper
 130 100
 95 118.6 103.9 155.9
 132 87.5 77.4 116.2
 97 76.8 62.5 93.7

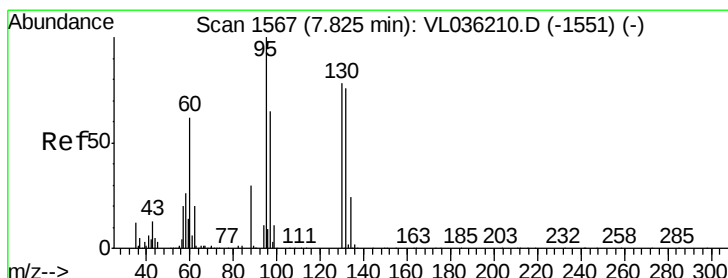
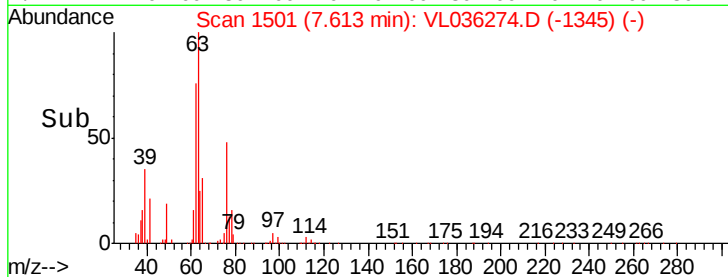
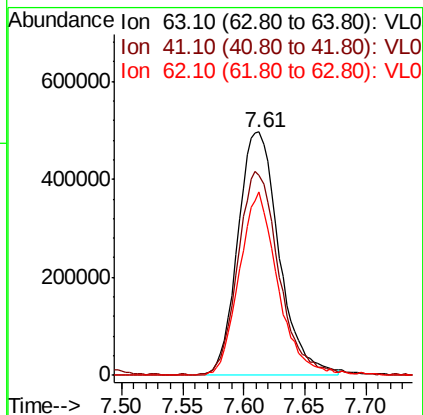
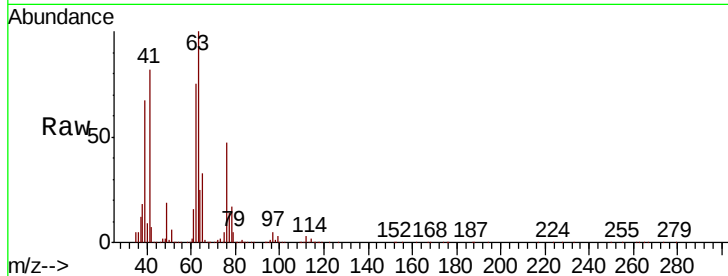




#39
 1,2-Dichloropropane
 Concen: 8.743 ppbv
 RT: 7.61 min Scan# 1501
 Delta R.T. 0.00 min
 Lab File: VL036274.D
 Acq: 28 Jan 2021 16:06

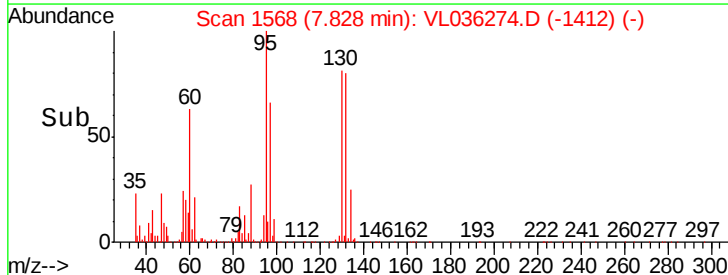
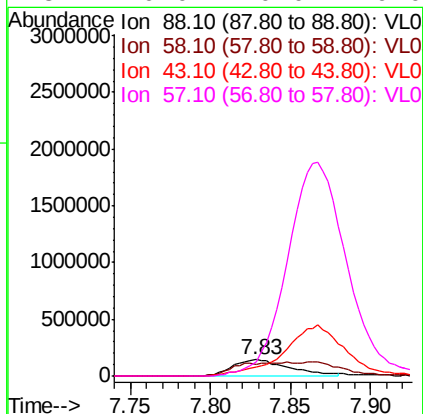
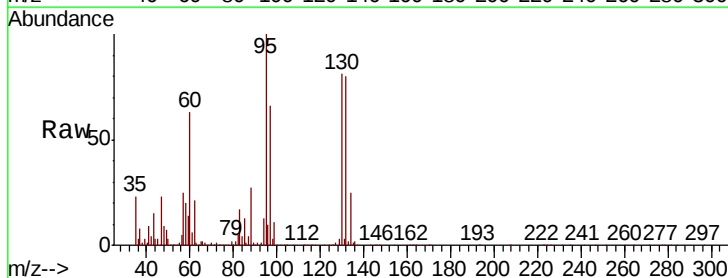
Instrument :
 MSVOA_L
 ClientSampleId :

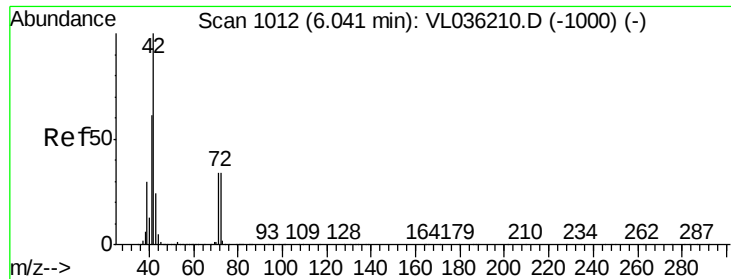
Tot Ion: 63 Resp: 1158646
 Ion Ratio Lower Upper
 63 100
 41 82.0 66.1 99.1
 62 75.5 54.8 82.2



#40
 1,4-Dioxane
 Concen: 7.247 ppbv
 RT: 7.83 min Scan# 1568
 Delta R.T. 0.00 min
 Lab File: VL036274.D
 Acq: 28 Jan 2021 16:06

Tgt Ion: 88 Resp: 347432
 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: 8.590 ppbv

RT: 6.05 min Scan# 1014

Delta R.T. 0.01 min

Lab File: VL036274.D

Acq: 28 Jan 2021 16:06

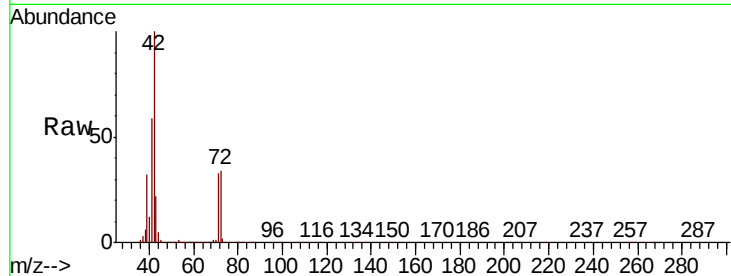
Instrument :

MSVOA_L

ClientSampleId :

Tot Ion: 42 Resp: 1302260

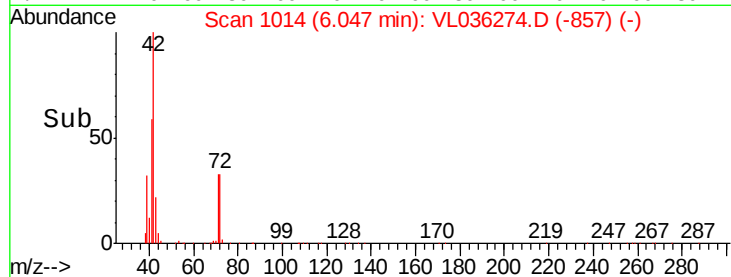
Ion	Ratio	Lower	Upper
42	100		
72	35.4	29.5	44.3
71	34.6	29.1	43.7



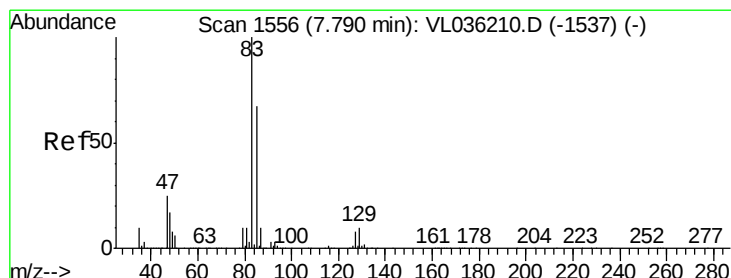
Abundance Ion 42.10 (41.80 to 42.80): VL0

Ion 72.10 (71.80 to 72.80): VL0

Ion 71.10 (70.80 to 71.80): VL0



Time--> 5.95 6.00 6.05 6.10 6.15



#42

Bromodichloromethane

Concen: 9.724 ppbv

RT: 7.79 min Scan# 1556

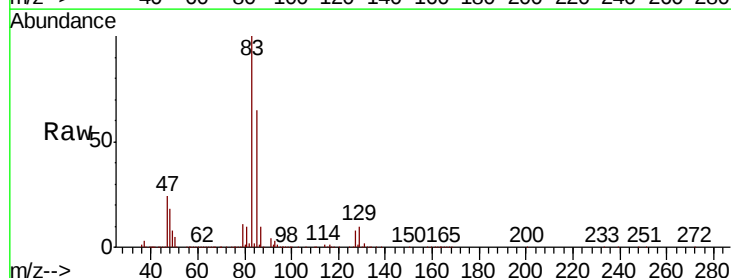
Delta R.T. -0.00 min

Lab File: VL036274.D

Acq: 28 Jan 2021 16:06

Tgt Ion: 83 Resp: 2400567

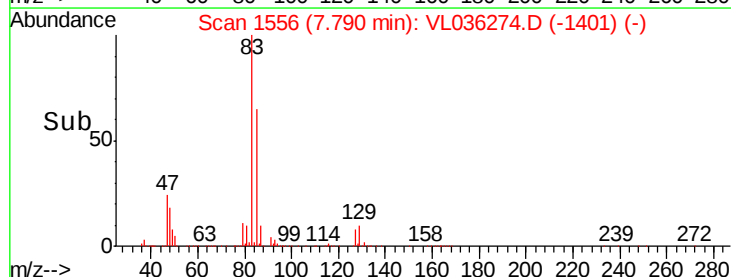
Ion	Ratio	Lower	Upper
83	100		
85	65.2	53.4	80.2
127	7.5	6.2	9.2



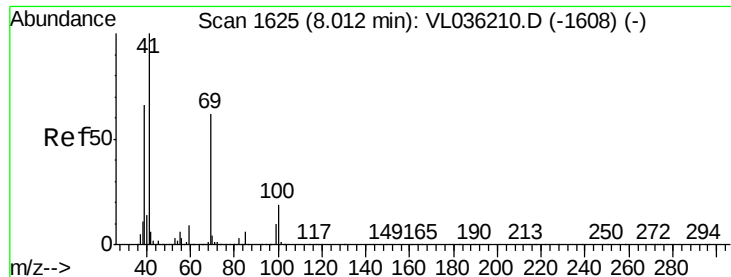
Abundance Ion 83.00 (82.70 to 83.70): VL0

Ion 85.00 (84.70 to 85.70): VL0

Ion 126.90 (126.60 to 127.60): V



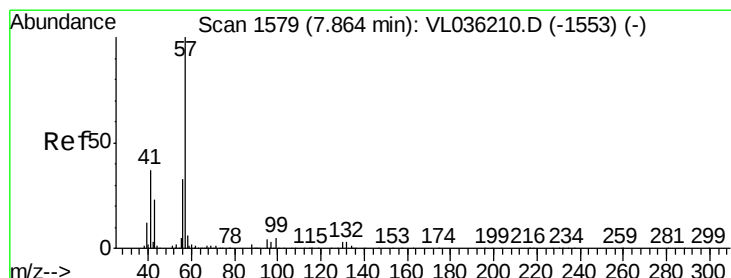
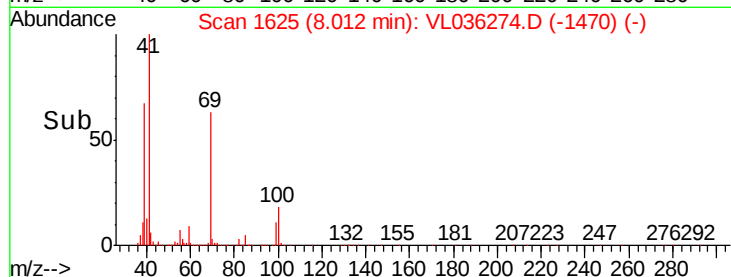
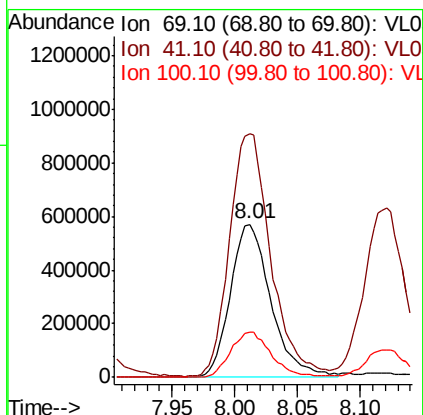
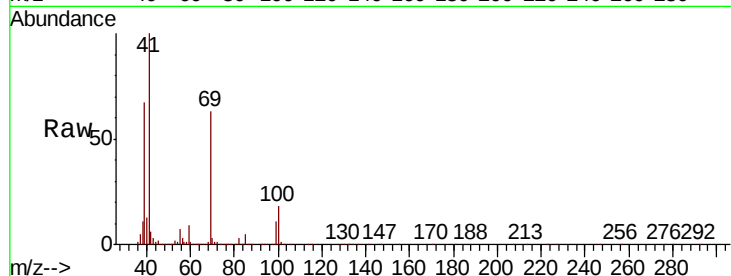
Time--> 7.70 7.75 7.80 7.85 7.90



#43
Methvl Methacrilate
Concen: 9.238 ppbv
RT: 8.01 min Scan# 1625
Delta R.T. -0.00 min
Lab File: VL036274.D
Acq: 28 Jan 2021 16:06

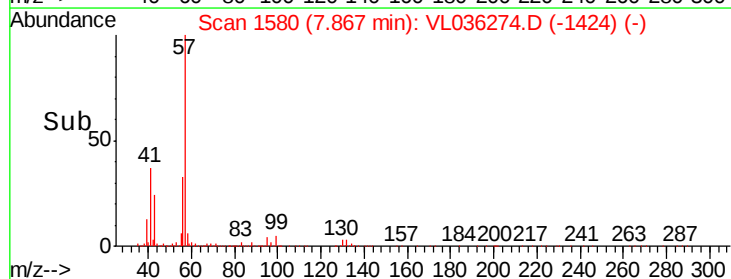
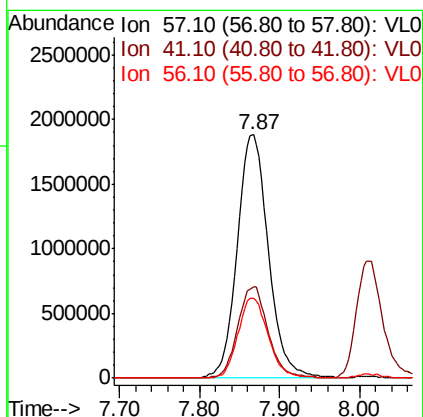
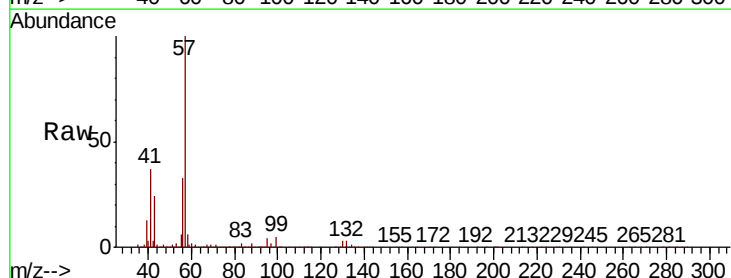
Instrument :
MSVOA_L
ClientSampleId :

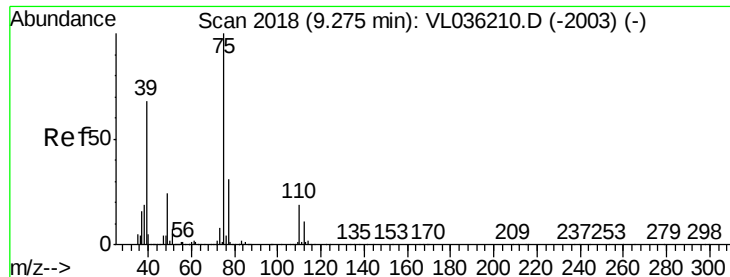
Tot Ion: 69 Resp: 1281370
Ion Ratio Lower Upper
69 100
41 161.7 133.4 200.2
100 29.5 24.3 36.5



#44
2,2,4-Trimethylpentane
Concen: 8.253 ppbv
RT: 7.87 min Scan# 1580
Delta R.T. 0.00 min
Lab File: VL036274.D
Acq: 28 Jan 2021 16:06

Tgt Ion: 57 Resp: 4947510
Ion Ratio Lower Upper
57 100
41 36.3 28.5 42.7
56 32.0 25.5 38.3





#45

t-1,3-Dichloropropene

Concen: 10.405 ppbv

RT: 9.28 min Scan# 2018

Delta R.T. -0.00 min

Lab File: VL036274.D

Acq: 28 Jan 2021 16:06

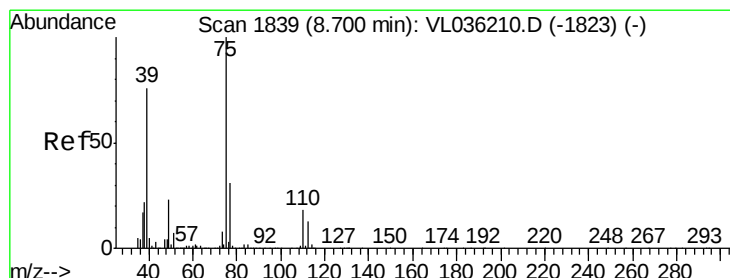
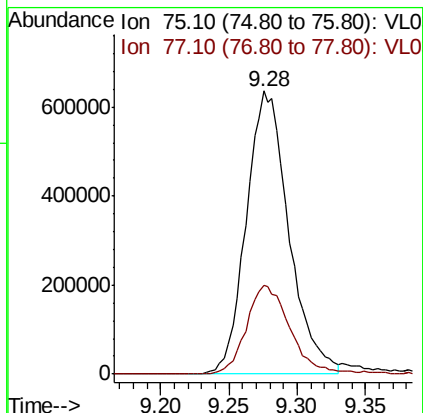
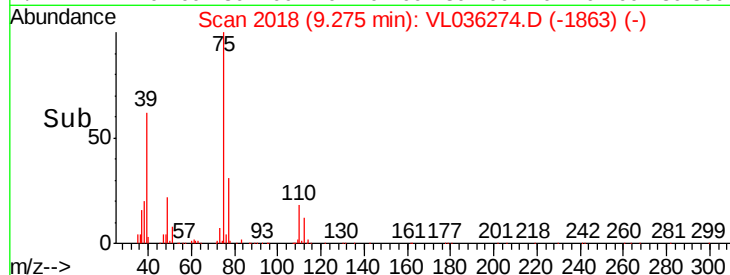
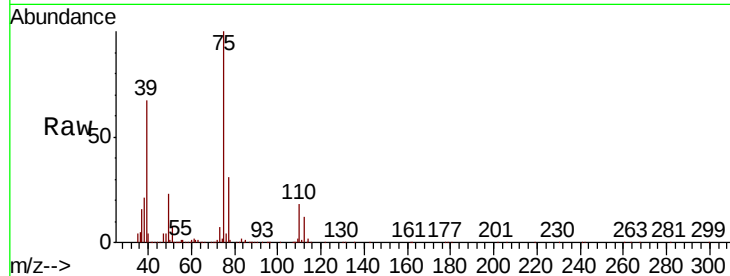
Instrument :
MSVOA_L
ClientSampleId :

Tot Ion: 75 Resp: 1370913

Ion Ratio Lower Upper

75 100

77 31.4 24.7 37.1



#46

cis-1,3-Dichloropropene

Concen: 9.985 ppbv

RT: 8.70 min Scan# 1839

Delta R.T. -0.00 min

Lab File: VL036274.D

Acq: 28 Jan 2021 16:06

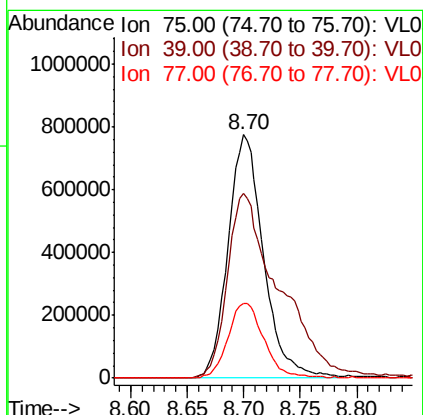
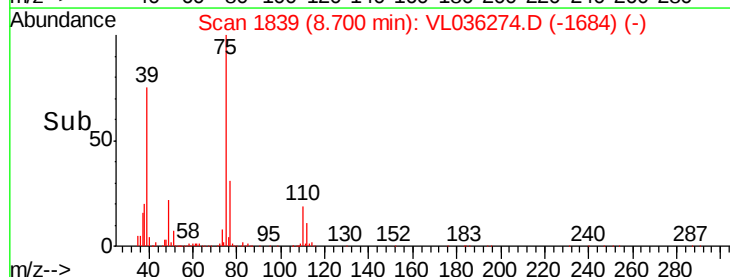
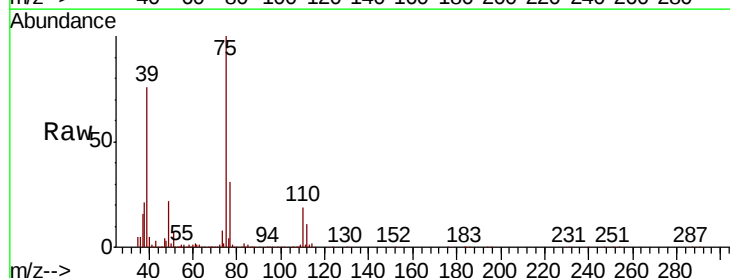
Tgt Ion: 75 Resp: 1690512

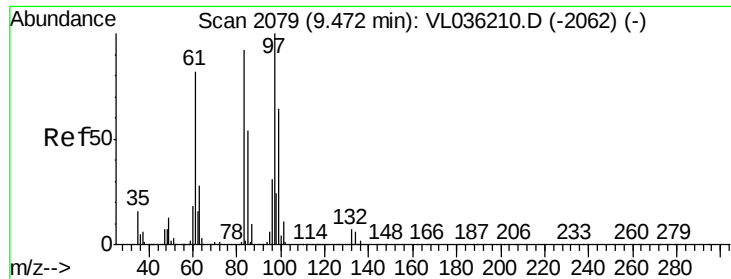
Ion Ratio Lower Upper

75 100

39 75.4 61.2 91.8

77 30.8 24.6 37.0



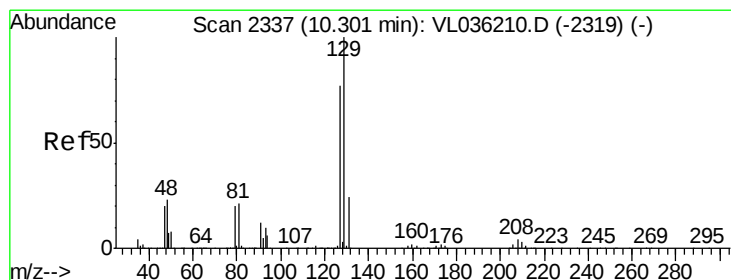
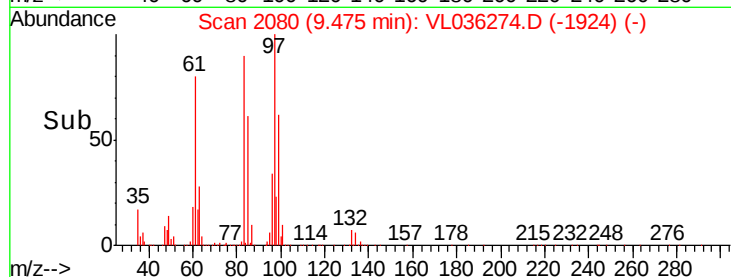
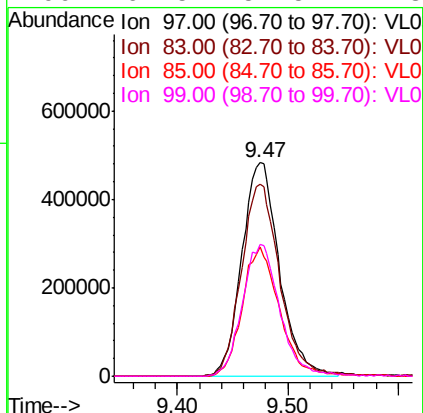
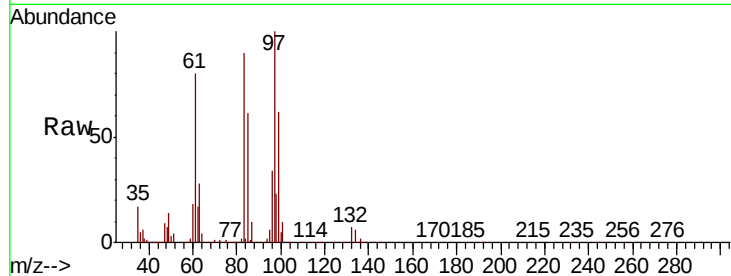


#47
 1,1,2-Trichloroethane
 Concen: 9.002 ppbv
 RT: 9.47 min Scan# 2080
 Delta R.T. 0.00 min
 Lab File: VL036274.D
 Acq: 28 Jan 2021 16:06

Instrument :
 MSVOA_L
 ClientSampleId :

Tot Ion: 97 Resp: 1141273

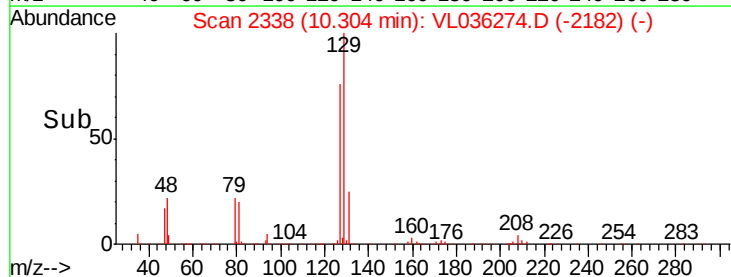
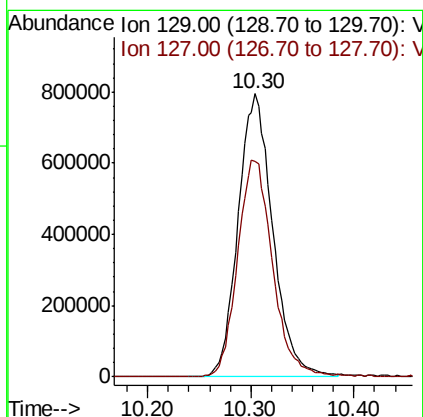
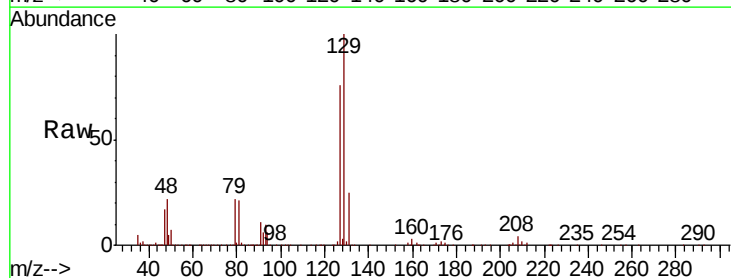
Ion	Ratio	Lower	Upper
97	100		
83	89.7	73.3	109.9
85	60.7	43.2	64.8
99	61.5	51.5	77.3

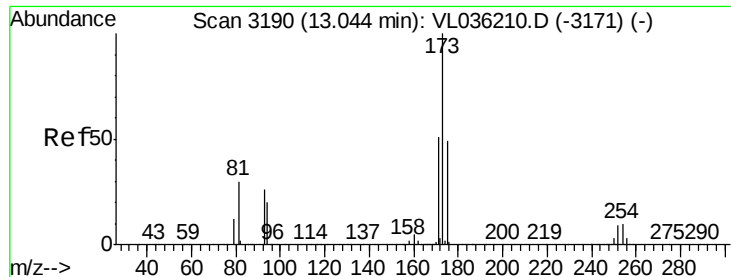


#48
 Dibromochloromethane
 Concen: 10.002 ppbv
 RT: 10.30 min Scan# 2338
 Delta R.T. 0.00 min
 Lab File: VL036274.D
 Acq: 28 Jan 2021 16:06

Tgt Ion: 129 Resp: 1855220

Ion	Ratio	Lower	Upper
129	100		
127	78.1	39.6	118.8





#49

Bromoform

Concen: 9.470 ppbv

RT: 13.04 min Scan# 3190

Delta R.T. -0.00 min

Lab File: VL036274.D

Acq: 28 Jan 2021 16:06

Instrument :

MSVOA_L

ClientSampleId :

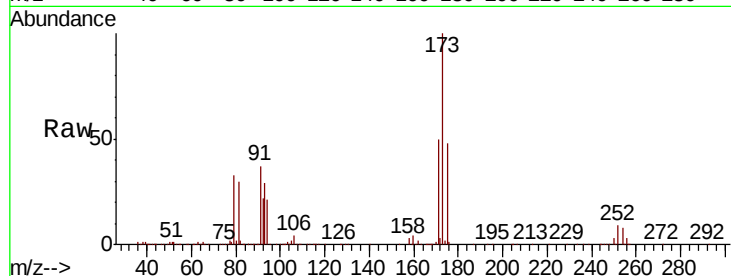
Tot Ion:173 Resp: 1466135

Ion Ratio Lower Upper

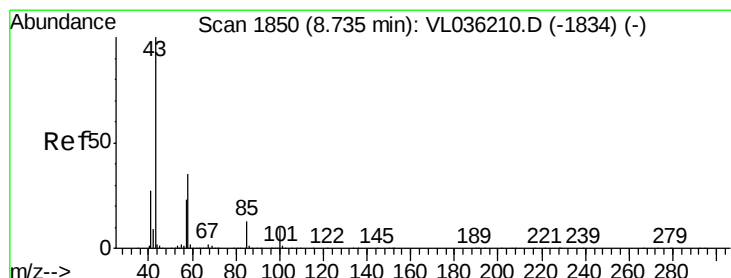
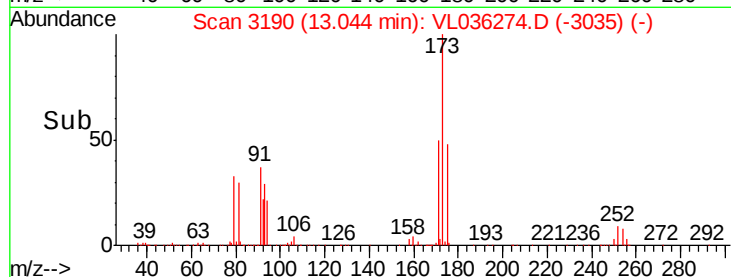
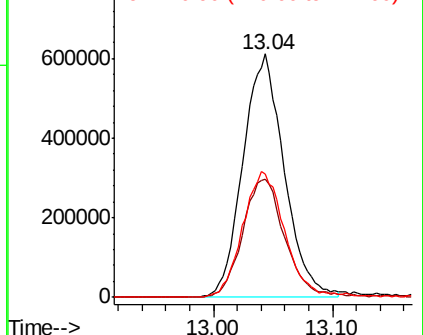
173 100

175 50.9 40.7 61.1

171 53.3 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: 8.598 ppbv

RT: 8.73 min Scan# 1850

Delta R.T. -0.00 min

Lab File: VL036274.D

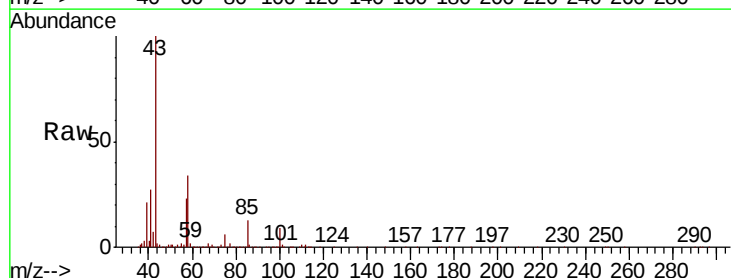
Acq: 28 Jan 2021 16:06

Tgt Ion: 43 Resp: 3362957

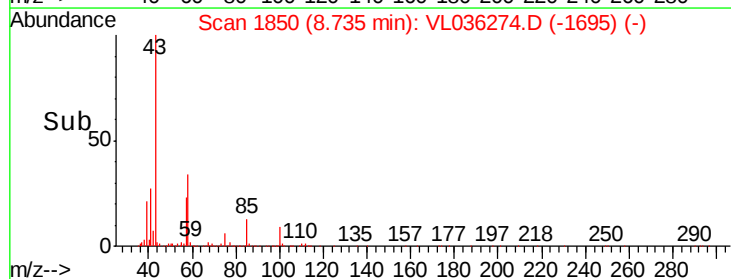
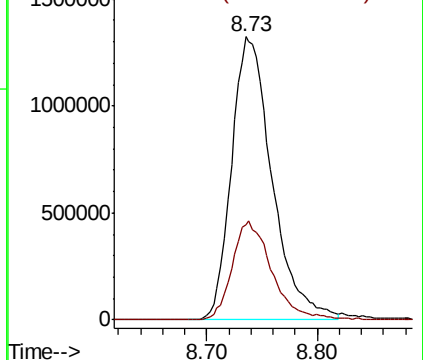
Ion Ratio Lower Upper

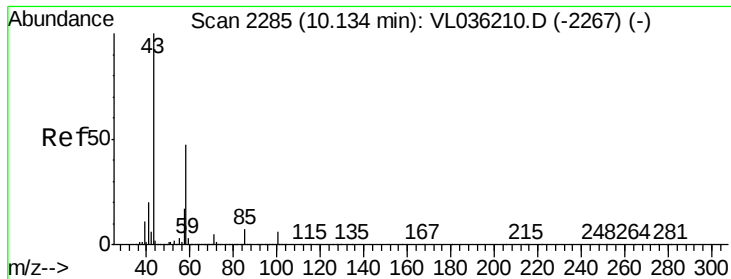
43 100

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

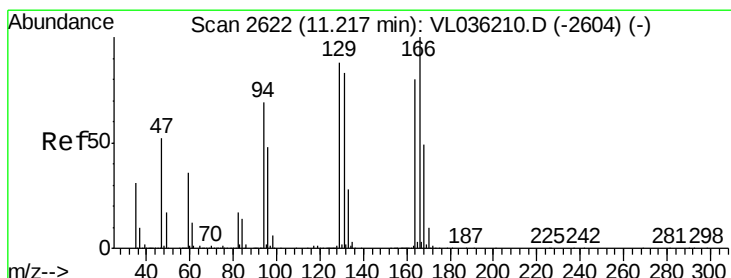
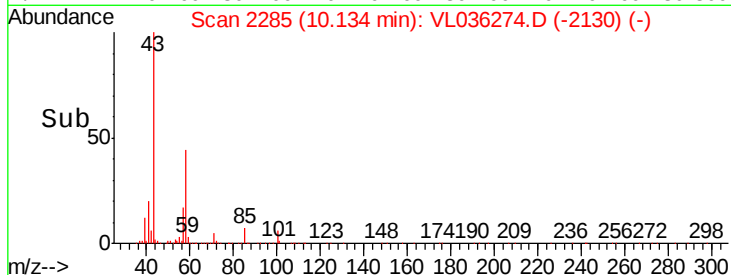
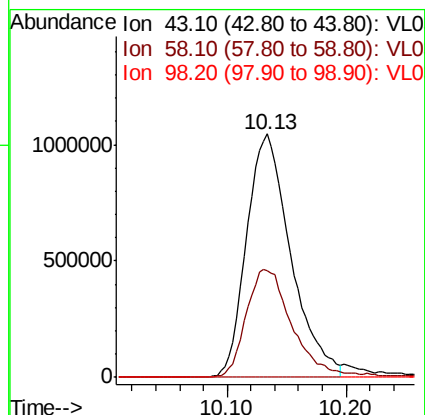
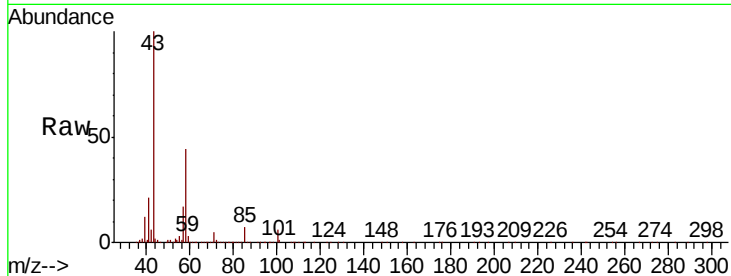




#51
2-Hexanone
Concen: 8.700 ppbv
RT: 10.13 min Scan# 2285
Delta R.T. -0.00 min
Lab File: VL036274.D
Acq: 28 Jan 2021 16:06

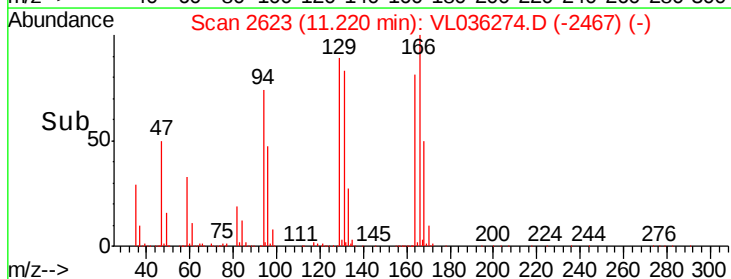
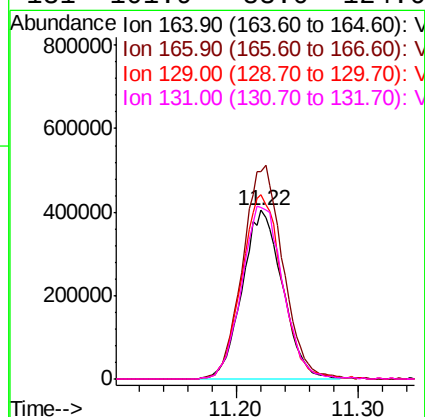
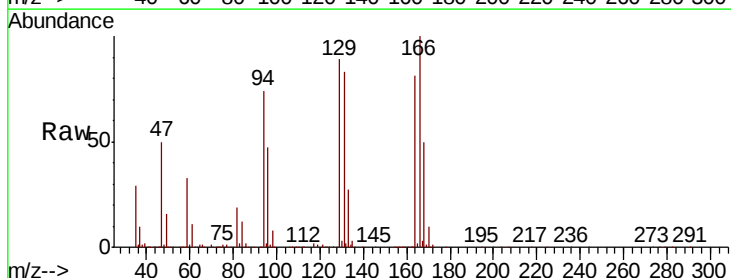
Instrument :
MSVOA_L
ClientSampled :

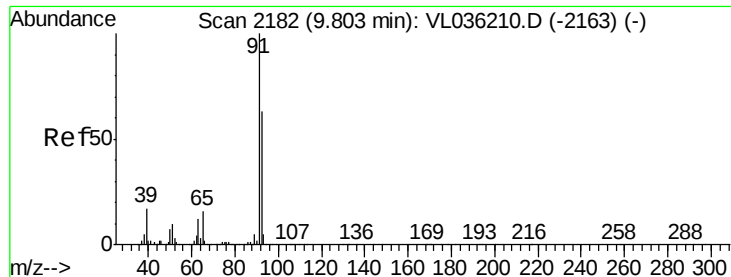
Tot Ion: 43 Resp: 2684571
Ion Ratio Lower Upper
43 100
58 47.1 37.4 56.0
98 0.2 0.2 0.2



#52
Tetrachloroethene
Concen: 7.626 ppbv
RT: 11.22 min Scan# 2623
Delta R.T. 0.00 min
Lab File: VL036274.D
Acq: 28 Jan 2021 16:06

Tgt Ion: 164 Resp: 917258
Ion Ratio Lower Upper
164 100
166 122.9 99.9 149.9
129 109.2 88.2 132.4
131 101.9 83.0 124.6





#53

Toluene

Concen: 8.749 ppbv

RT: 9.80 min Scan# 2182

Delta R.T. -0.00 min

Lab File: VL036274.D

Acq: 28 Jan 2021 16:06

Instrument :

MSVOA_L

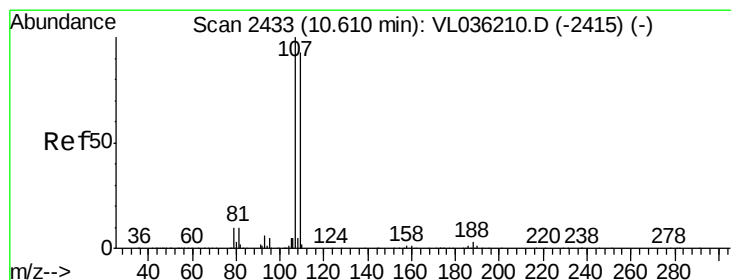
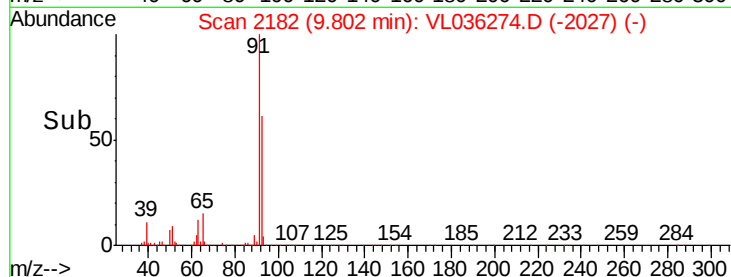
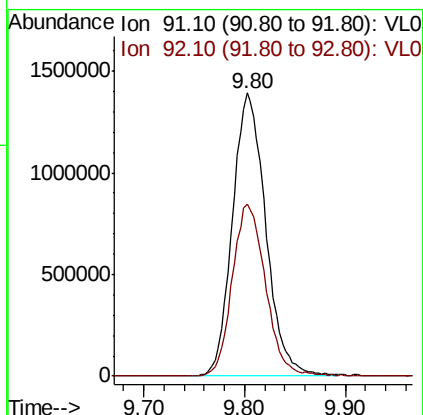
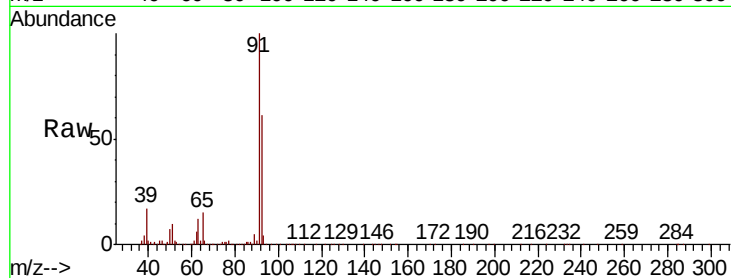
ClientSampleId :

Tot Ion: 91 Resp: 3194422

Ion Ratio Lower Upper

91 100

92 60.9 48.5 72.7



#54

1,2-Dibromoethane

Concen: 8.825 ppbv

RT: 10.61 min Scan# 2433

Delta R.T. -0.00 min

Lab File: VL036274.D

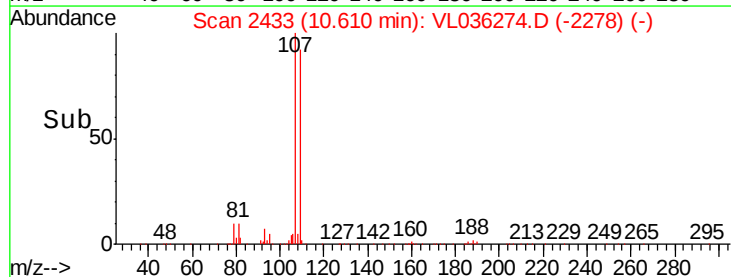
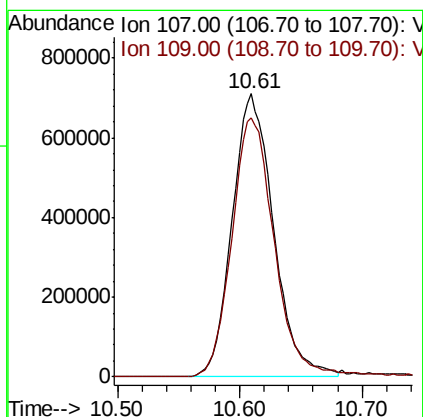
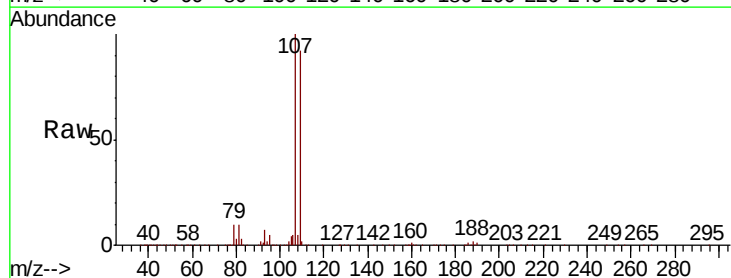
Acq: 28 Jan 2021 16:06

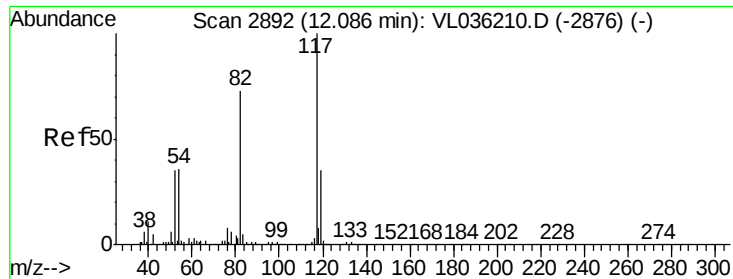
Tgt Ion: 107 Resp: 1658459

Ion Ratio Lower Upper

107 100

109 91.7 74.5 111.7

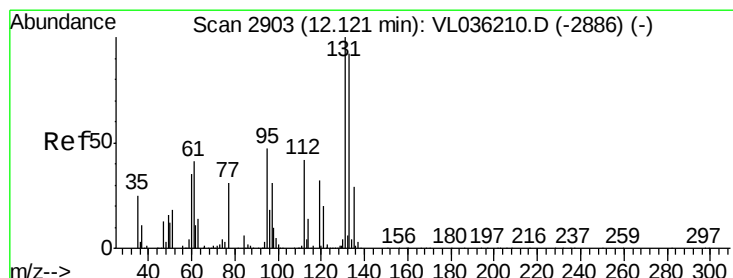
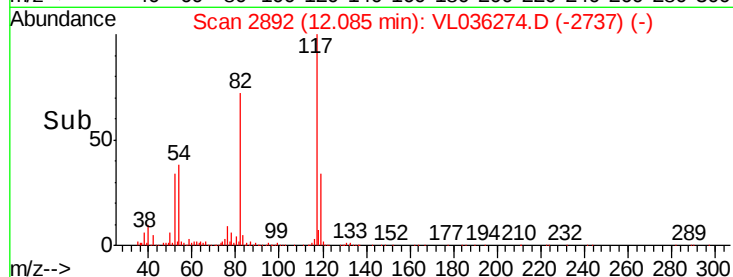
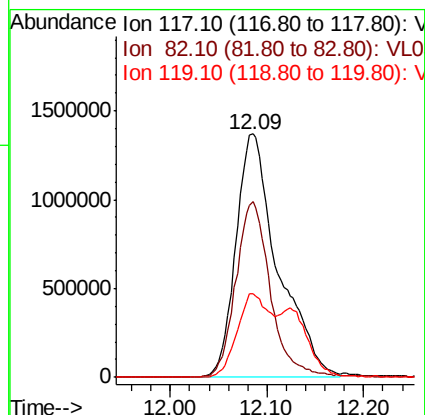
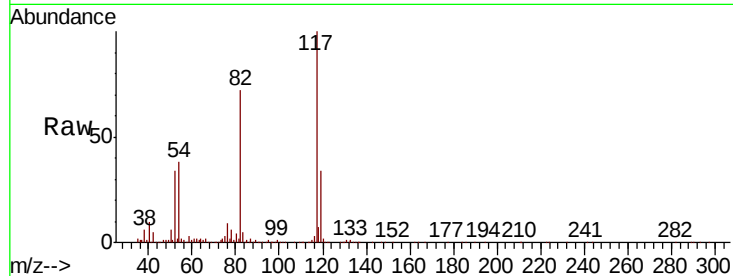




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.09 min Scan# 2892
Delta R.T. -0.00 min
Lab File: VL036274.D
Acq: 28 Jan 2021 16:06

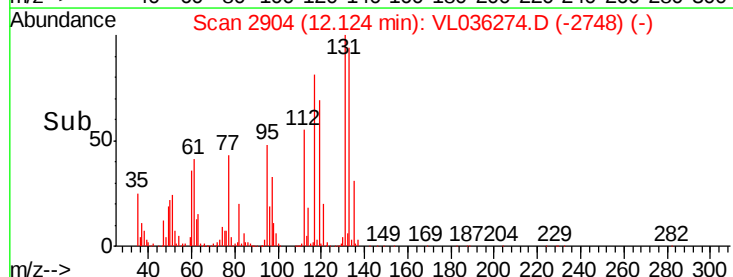
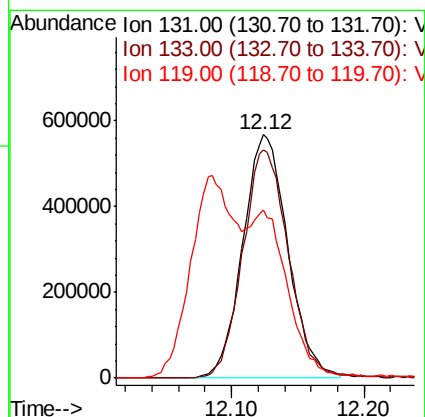
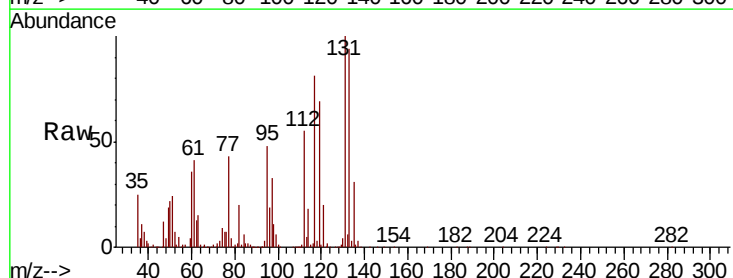
Instrument :
MSVOA_L
ClientSampleId :

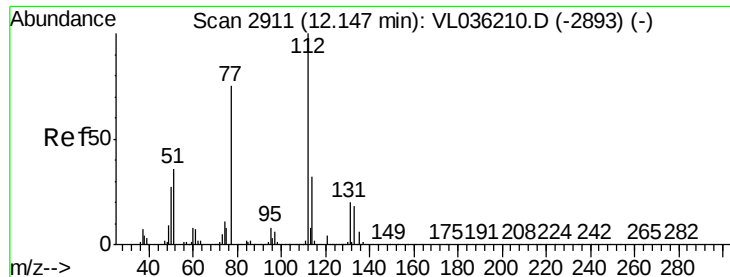
Tot Ion:117 Resp: 4148179
Ion Ratio Lower Upper
117 100
82 60.0 59.7 89.5
119 47.1 28.6 43.0#



#56
1,1,1,2-Tetrachloroethane
Concen: 7.230 ppbv
RT: 12.12 min Scan# 2904
Delta R.T. 0.00 min
Lab File: VL036274.D
Acq: 28 Jan 2021 16:06

Tgt Ion:131 Resp: 1338381
Ion Ratio Lower Upper
131 100
133 95.9 76.5 114.7
119 146.0 45.4 68.0#





#57

Chlorobenzene

Concen: 6.871 ppbv

RT: 12.15 min Scan# 2911

Delta R.T. -0.00 min

Lab File: VL036274.D

Acq: 28 Jan 2021 16:06

Instrument :

MSVOA_L

ClientSampleId :

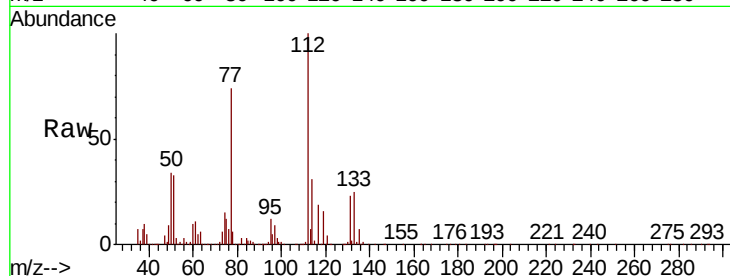
Tot Ion:112 Resp: 2236141

Ion Ratio Lower Upper

112 100

77 72.7 59.6 89.4

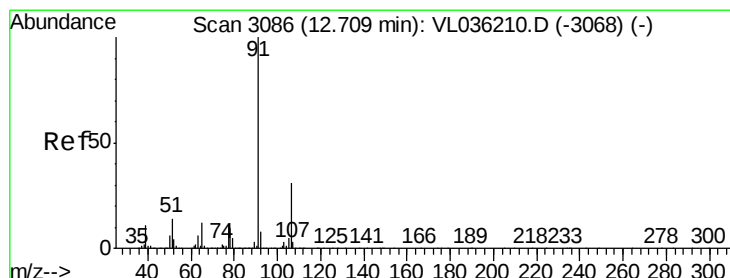
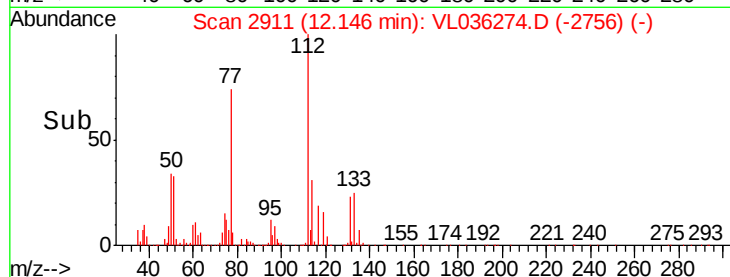
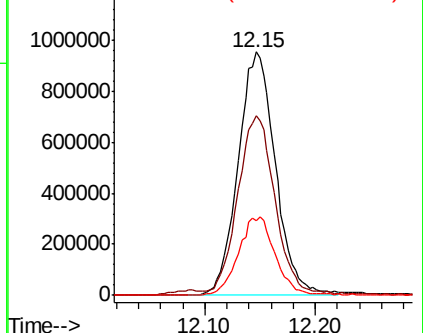
114 30.6 28.7 35.1



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: 6.928 ppbv

RT: 12.71 min Scan# 3086

Delta R.T. -0.00 min

Lab File: VL036274.D

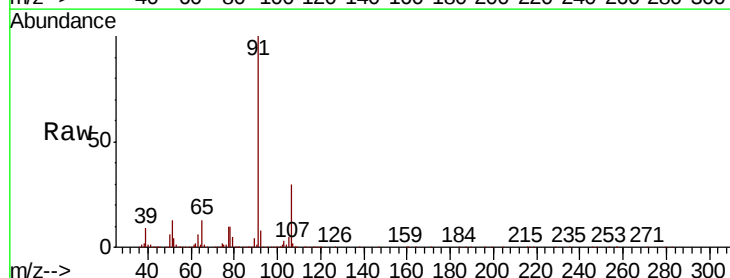
Acq: 28 Jan 2021 16:06

Tgt Ion: 91 Resp: 4264708

Ion Ratio Lower Upper

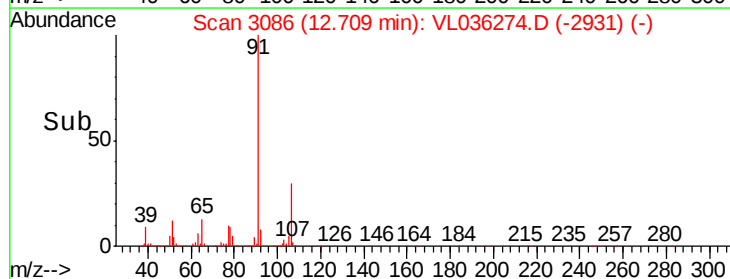
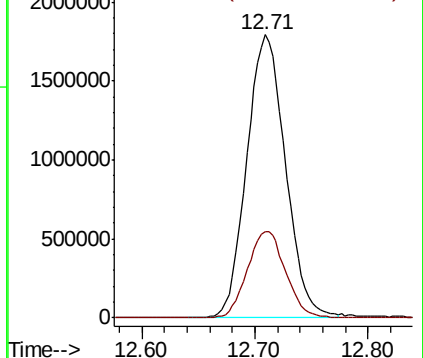
91 100

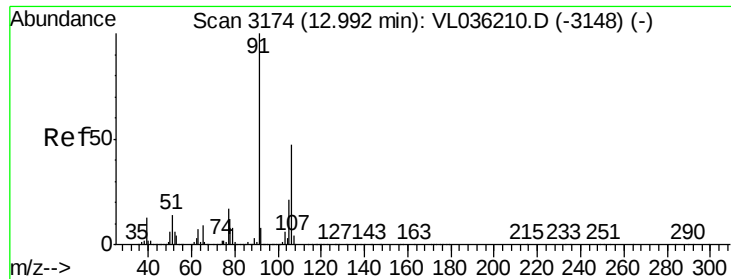
106 30.4 24.8 37.2



Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 106.10 (105.80 to 106.80): V

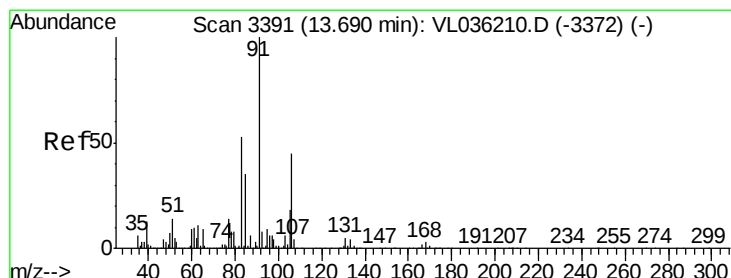
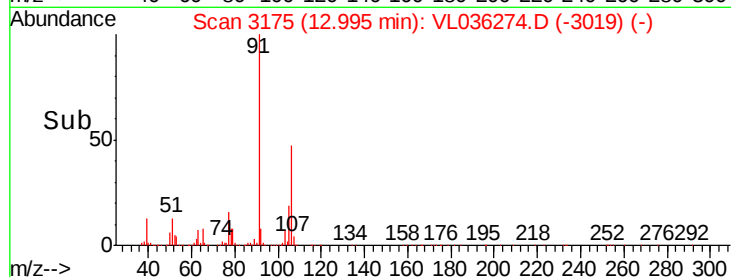
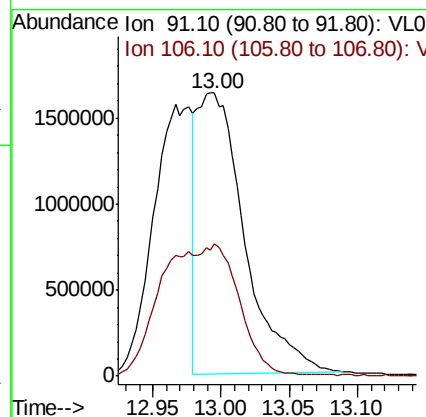
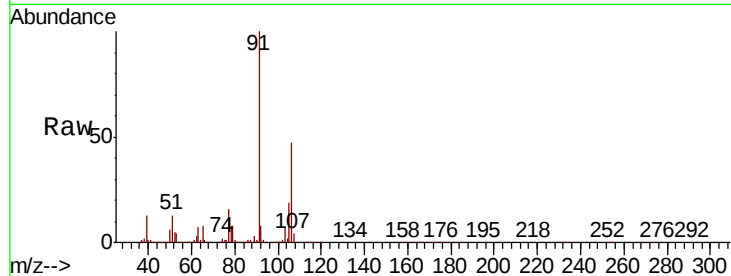




#59
m/p-Xylene
Concen: 7.402 ppbv
RT: 13.00 min Scan# 3175
Delta R.T. 0.00 min
Lab File: VL036274.D
Acq: 28 Jan 2021 16:06

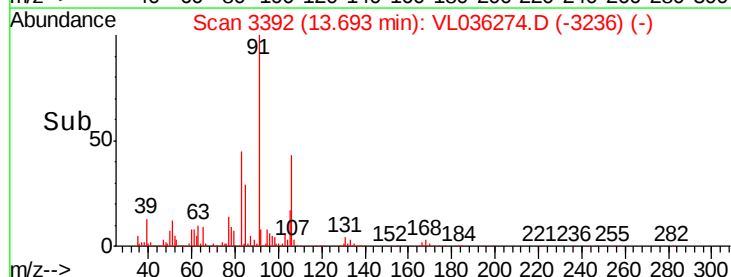
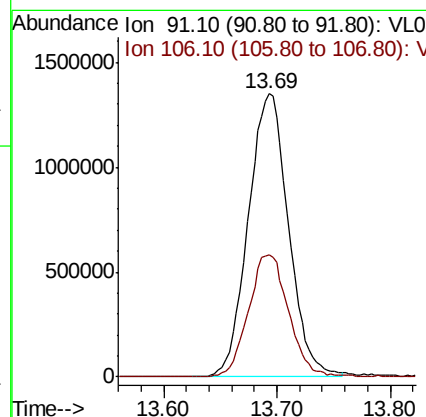
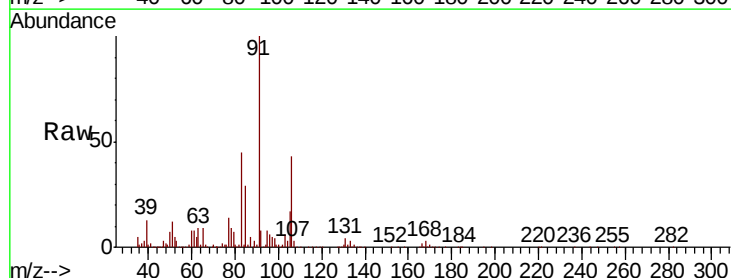
Instrument :
MSVOA_L
ClientSampleId :

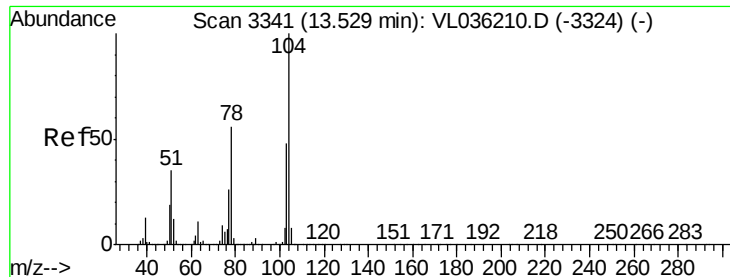
Tot Ion: 91 Resp: 3915220
Ion Ratio Lower Upper
91 100
106 78.1 34.6 51.8#



#60
o-Xylene
Concen: 6.548 ppbv
RT: 13.69 min Scan# 3392
Delta R.T. 0.00 min
Lab File: VL036274.D
Acq: 28 Jan 2021 16:06

Tgt Ion: 91 Resp: 3338369
Ion Ratio Lower Upper
91 100
106 43.5 21.9 65.8

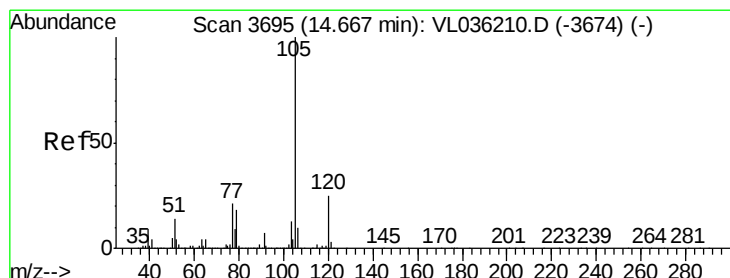
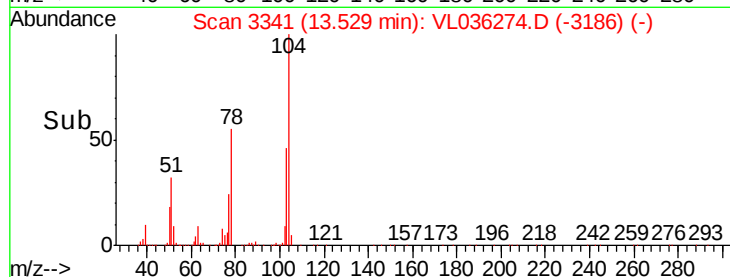
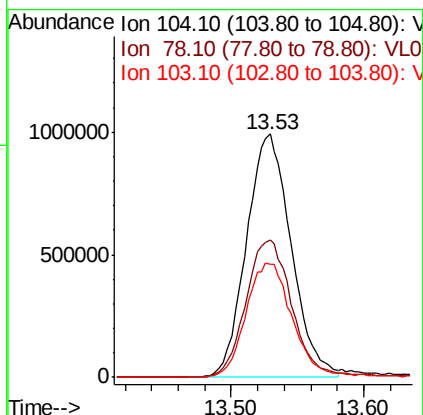
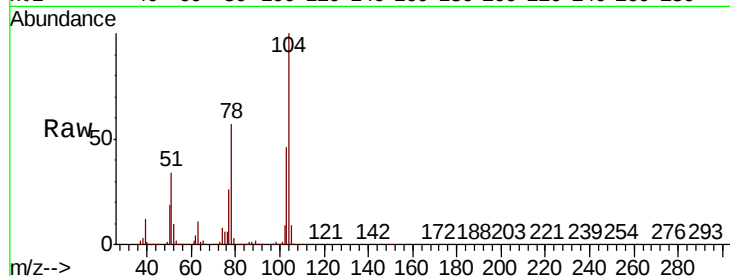




#61
Stvrene
Concen: 7.218 ppbv
RT: 13.53 min Scan# 3341
Delta R.T. -0.00 min
Lab File: VL036274.D
Acq: 28 Jan 2021 16:06

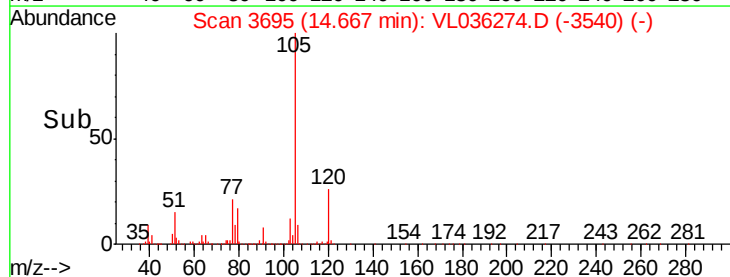
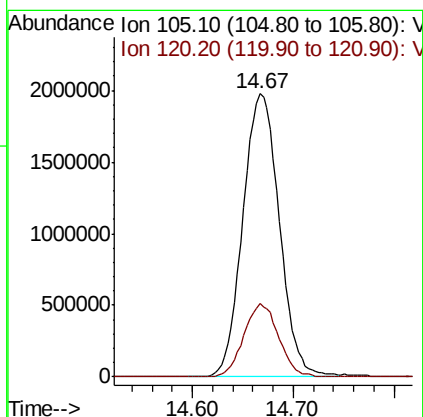
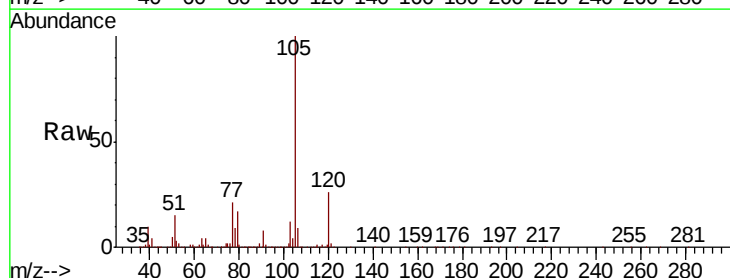
Instrument :
MSVOA_L
ClientSampleId :

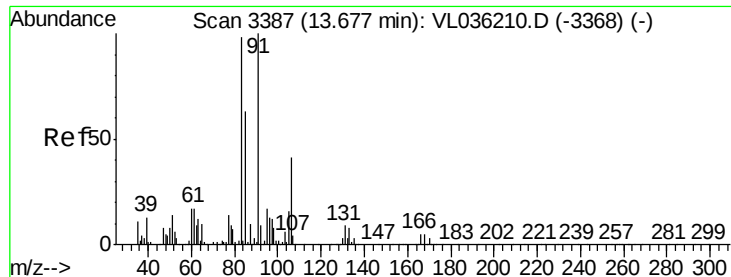
Tot Ion:104 Resp: 2323721
Ion Ratio Lower Upper
104 100
78 58.4 46.8 70.2
103 49.0 38.4 57.6



#62
Isopropylbenzene
Concen: 6.542 ppbv
RT: 14.67 min Scan# 3695
Delta R.T. -0.00 min
Lab File: VL036274.D
Acq: 28 Jan 2021 16:06

Tgt Ion:105 Resp: 4958708
Ion Ratio Lower Upper
105 100
120 25.0 20.3 30.5

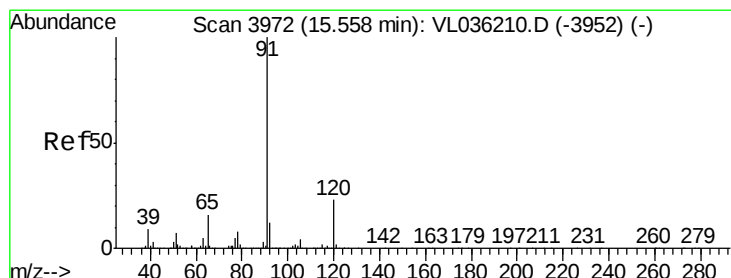
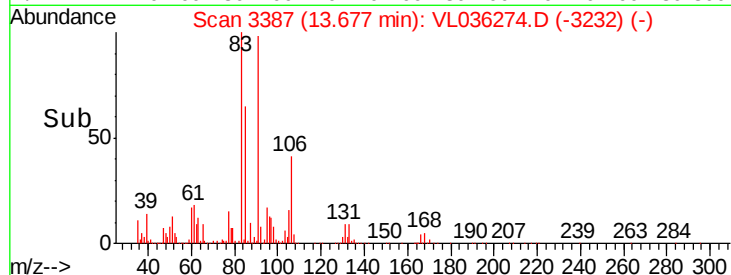
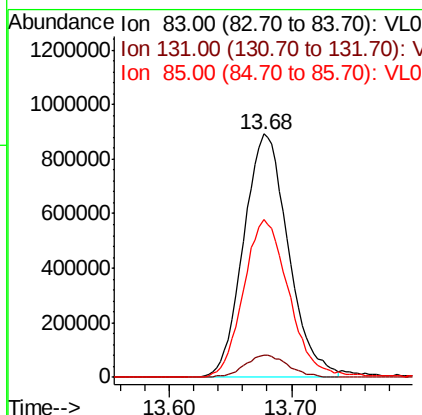
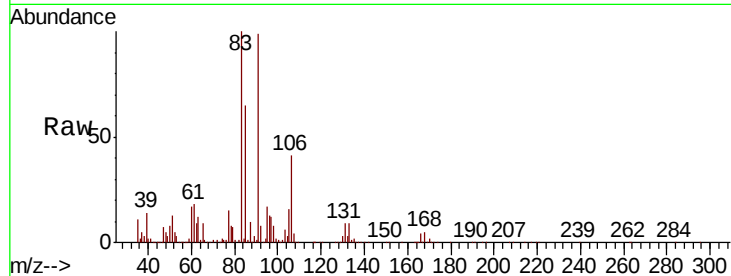




#63
 1,1,2,2-Tetrachloroethane
 Concen: 5.947 ppbv
 RT: 13.68 min Scan# 3387
 Delta R.T. -0.00 min
 Lab File: VL036274.D
 Acq: 28 Jan 2021 16:06

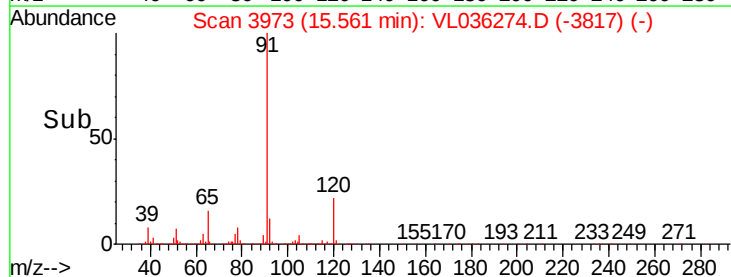
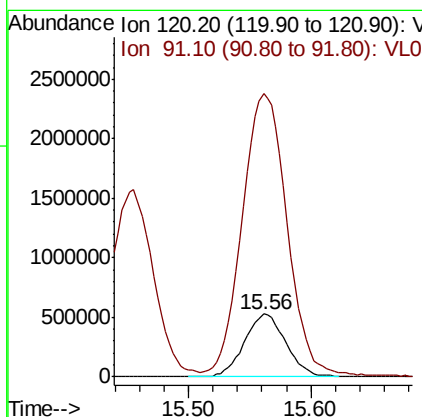
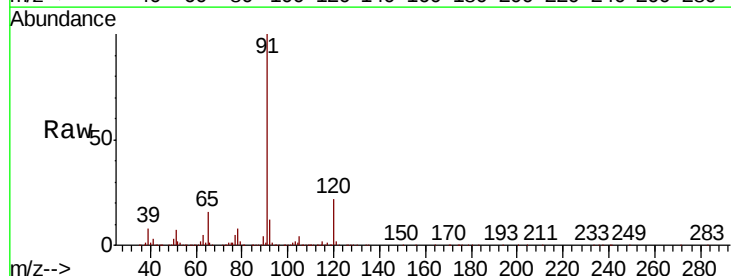
Instrument :
 MSVOA_L
 ClientSampled :

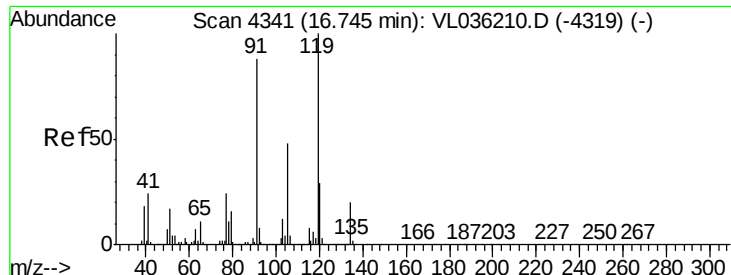
Tot Ion: 83 Resp: 2257692
 Ion Ratio Lower Upper
 83 100
 131 9.0 4.5 13.5
 85 66.7 33.1 99.3



#64
 n-propylbenzene
 Concen: 6.656 ppbv
 RT: 15.56 min Scan# 3973
 Delta R.T. 0.00 min
 Lab File: VL036274.D
 Acq: 28 Jan 2021 16:06

Tgt Ion: 120 Resp: 1239723
 Ion Ratio Lower Upper
 120 100
 91 491.7 391.8 587.6

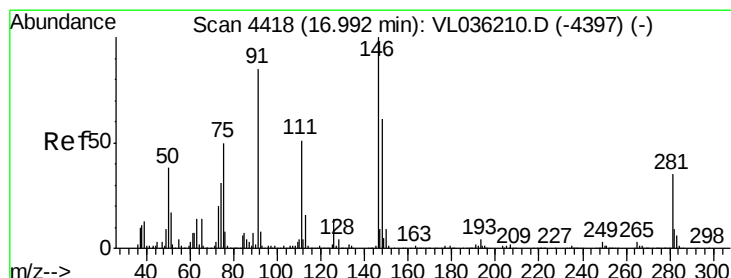
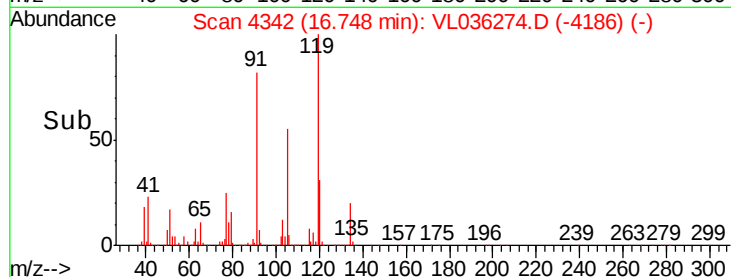
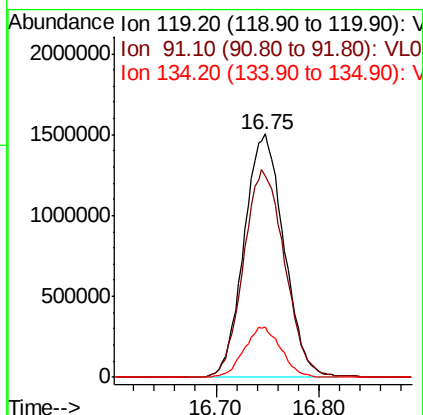
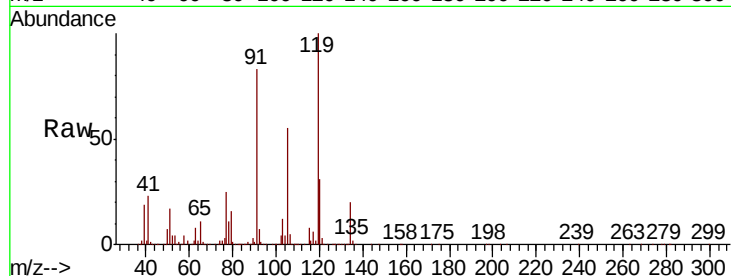




#65
tert-Butylbenzene
Concen: 6.278 ppbv
RT: 16.75 min Scan# 4342
Delta R.T. 0.00 min
Lab File: VL036274.D
Acq: 28 Jan 2021 16:06

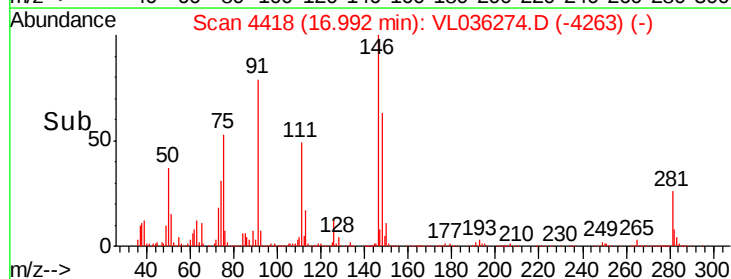
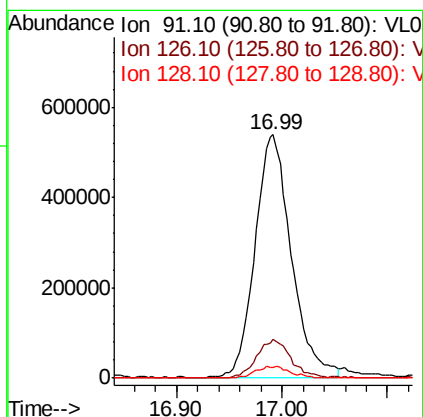
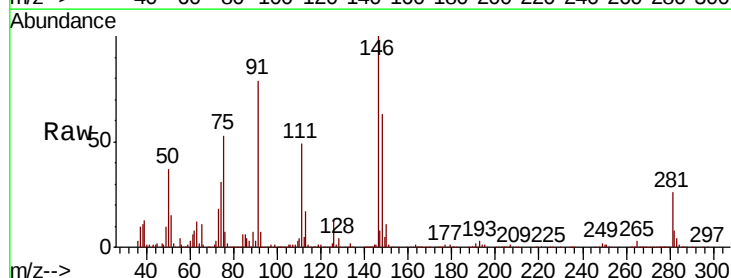
Instrument :
MSVOA_L
ClientSampleId :

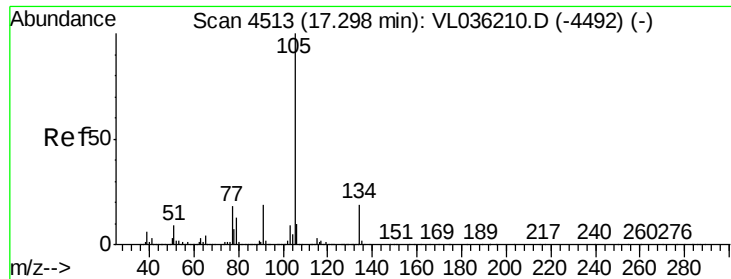
Tot Ion:119 Resp: 4032447
Ion Ratio Lower Upper
119 100
91 88.4 71.0 106.6
134 19.4 15.8 23.6



#66
Benzyl Chloride
Concen: 7.835 ppbv
RT: 16.99 min Scan# 4418
Delta R.T. -0.00 min
Lab File: VL036274.D
Acq: 28 Jan 2021 16:06

Tgt Ion: 91 Resp: 1285802
Ion Ratio Lower Upper
91 100
126 15.5 12.6 19.0
128 4.9 3.8 5.6

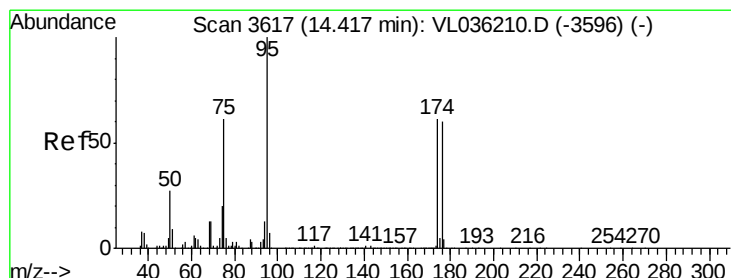
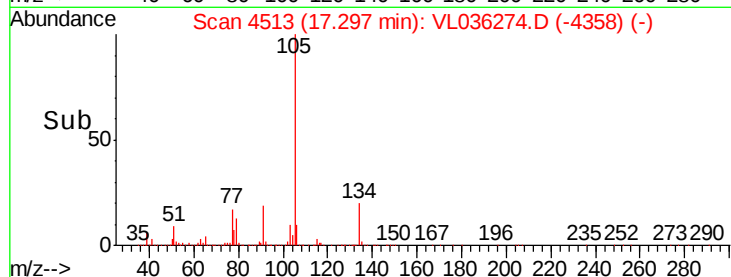
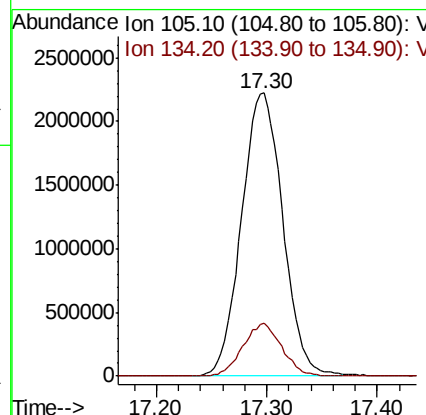
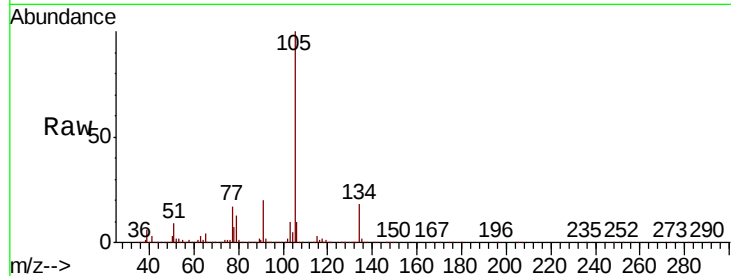




#67
 sec-Butylbenzene
 Concen: 6.023 ppbv
 RT: 17.30 min Scan# 4513
 Delta R.T. -0.00 min
 Lab File: VL036274.D
 Acq: 28 Jan 2021 16:06

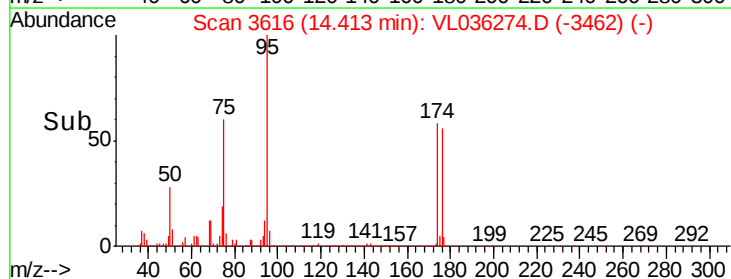
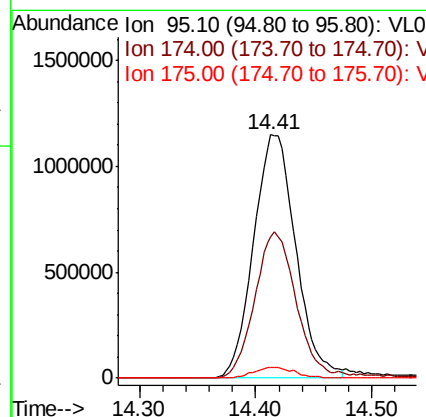
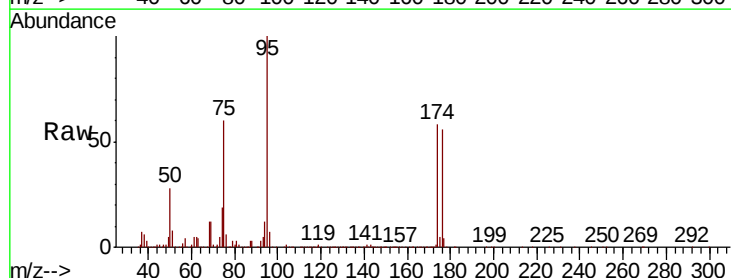
Instrument :
 MSVOA_L
 ClientSampleId :

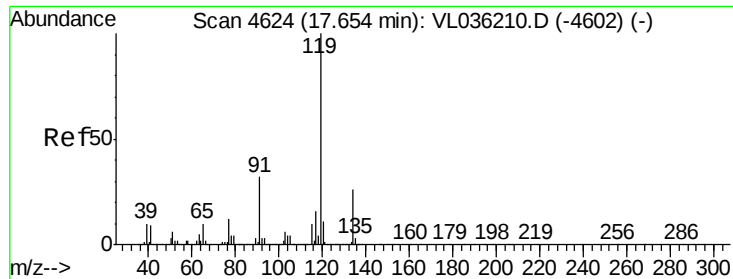
Tot Ion:105 Resp: 5742473
 Ion Ratio Lower Upper
 105 100
 134 17.6 14.2 21.4



#68
 1-Bromo-4-Fluorobenzene
 Concen: 8.473 ppbv
 RT: 14.41 min Scan# 3616
 Delta R.T. -0.00 min
 Lab File: VL036274.D
 Acq: 28 Jan 2021 16:06

Tgt Ion: 95 Resp: 2909353
 Ion Ratio Lower Upper
 95 100
 174 60.8 49.4 74.0
 175 4.5 3.8 5.8

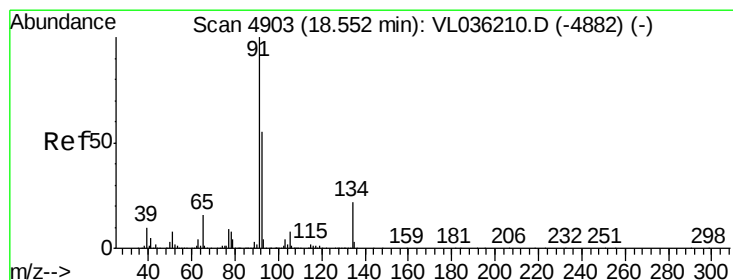
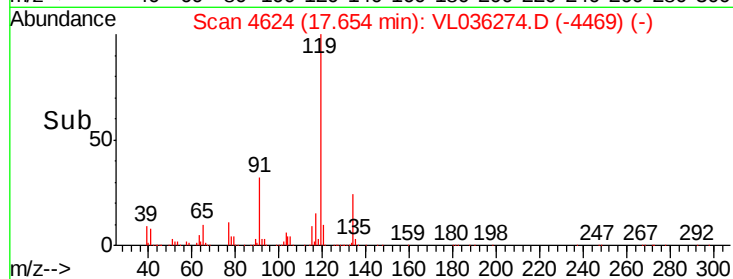
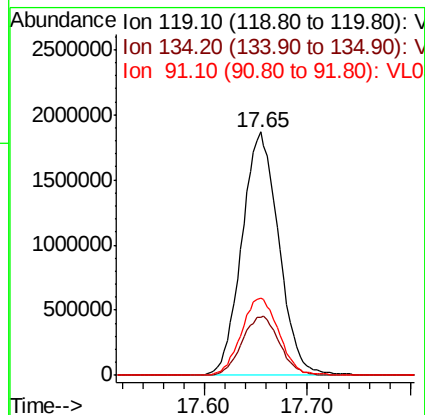
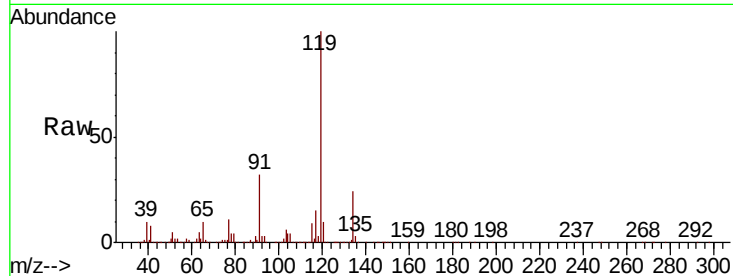




#69
p-Isopropyltoluene
Concen: 6.132 ppbv
RT: 17.65 min Scan# 4624
Delta R.T. -0.00 min
Lab File: VL036274.D
Acq: 28 Jan 2021 16:06

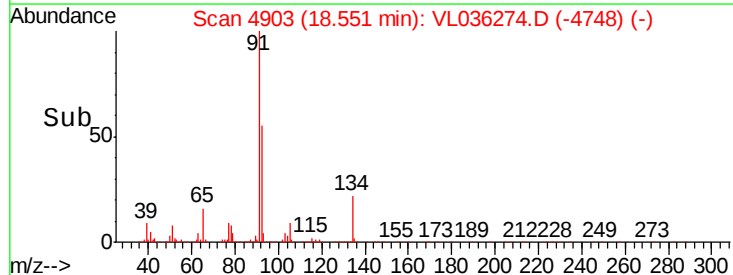
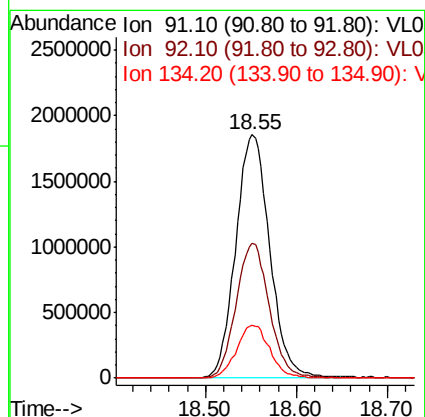
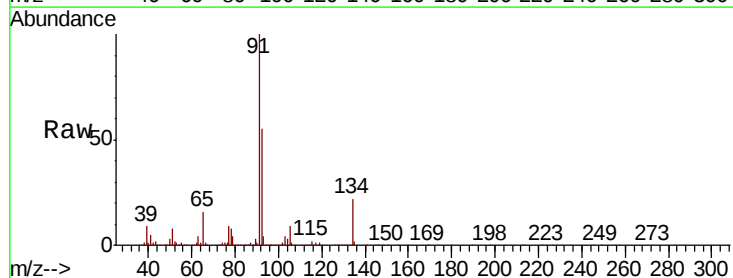
Instrument :
MSVOA_L
ClientSampled :

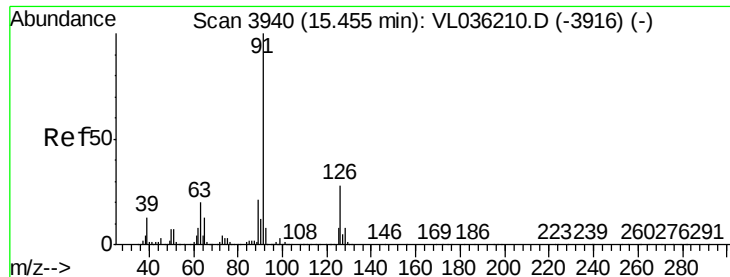
Tot Ion:119 Resp: 4636938
Ion Ratio Lower Upper
119 100
134 24.8 20.2 30.4
91 32.4 26.0 39.0



#70
n-Butylbenzene
Concen: 5.975 ppbv
RT: 18.55 min Scan# 4903
Delta R.T. -0.00 min
Lab File: VL036274.D
Acq: 28 Jan 2021 16:06

Tgt Ion: 91 Resp: 4814136
Ion Ratio Lower Upper
91 100
92 54.5 44.0 66.0
134 21.4 17.0 25.4





#71

2-Chlorotoluene

Concen: 6.405 ppbv

RT: 15.45 min Scan# 3940

Delta R.T. -0.00 min

Lab File: VL036274.D

Acq: 28 Jan 2021 16:06

Instrument :

MSVOA_L

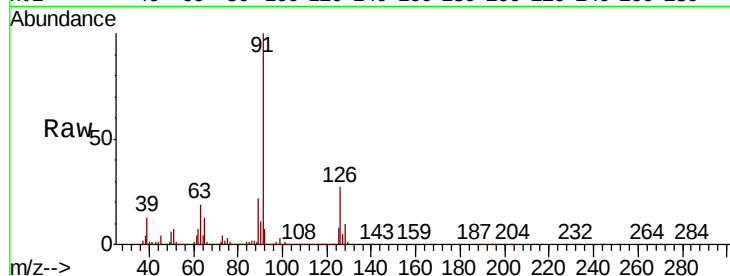
ClientSampleId :

Tot Ion: 91 Resp: 3816076

Ion Ratio Lower Upper

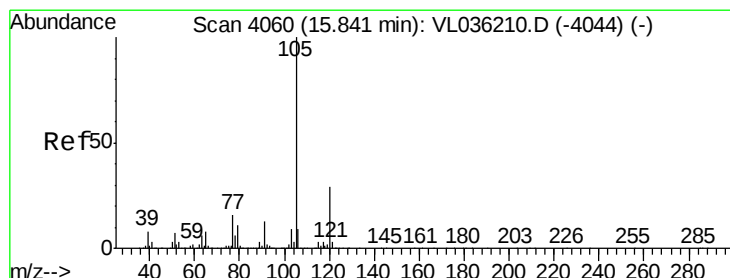
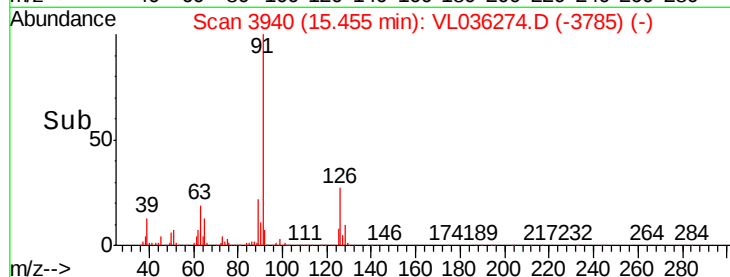
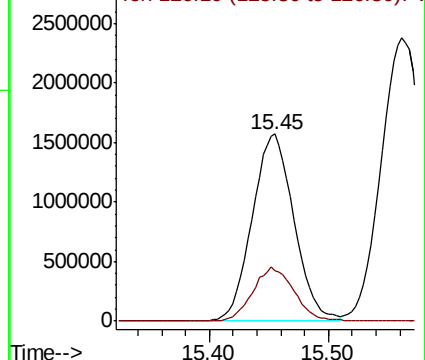
91 100

126 28.7 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: 6.565 ppbv

RT: 15.84 min Scan# 4060

Delta R.T. -0.00 min

Lab File: VL036274.D

Acq: 28 Jan 2021 16:06

Tgt Ion:105 Resp: 3777333

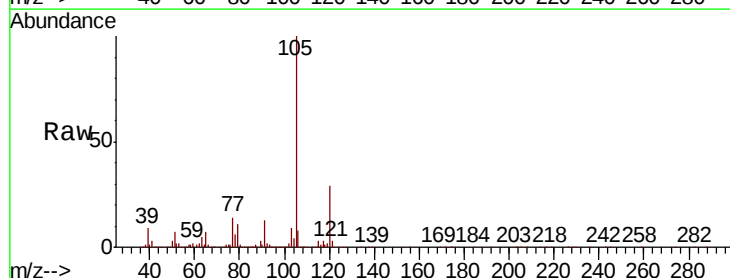
Ion Ratio Lower Upper

105 100

120 28.9 23.7 35.5

91 13.7 11.9 17.9

77 15.2 12.6 18.8

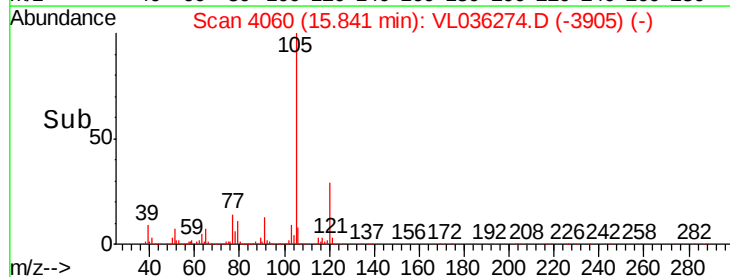
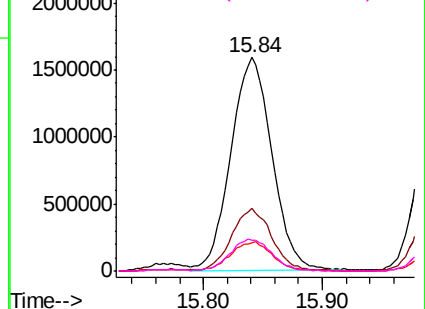


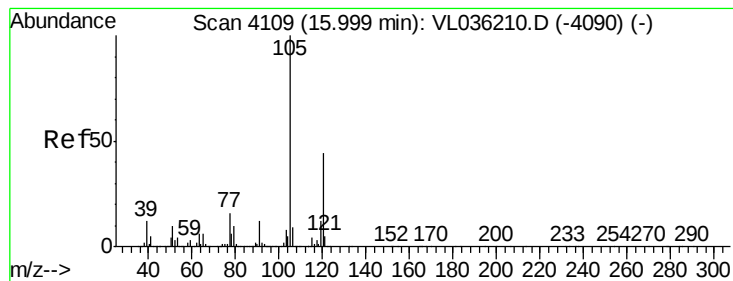
Abundance Ion 105.10 (104.80 to 105.80): V

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: 6.359 ppbv

RT: 16.00 min Scan# 4109

Delta R.T. -0.00 min

Lab File: VL036274.D

Acq: 28 Jan 2021 16:06

Instrument :

MSVOA_L

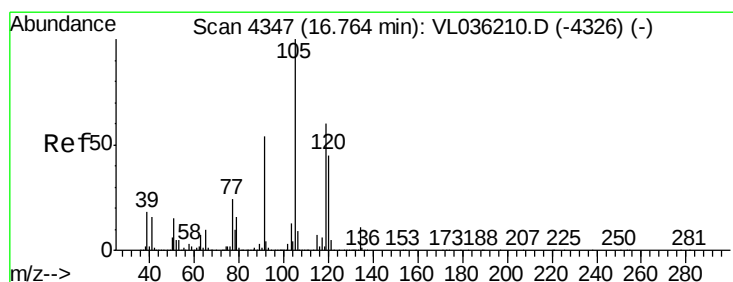
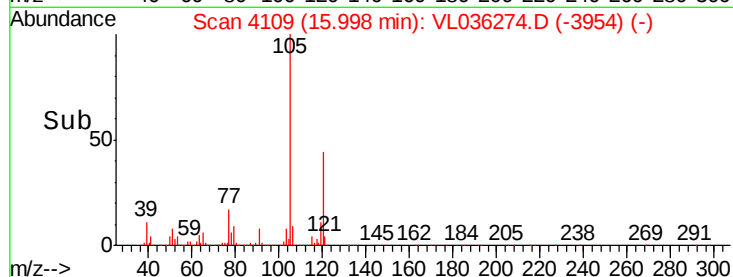
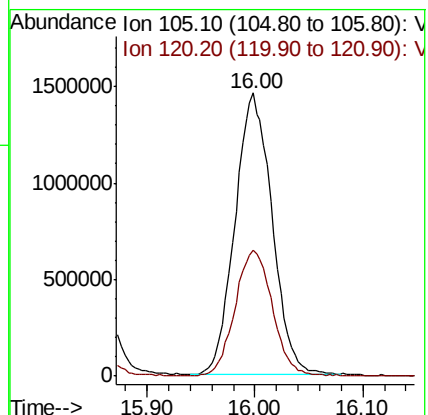
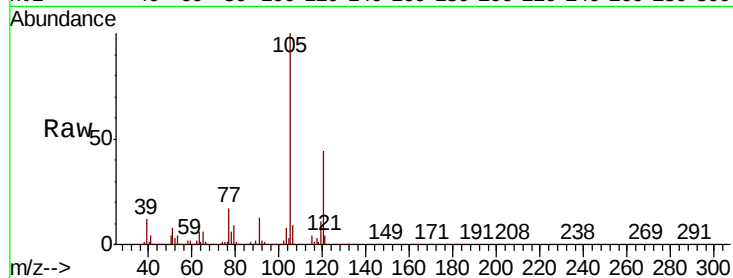
ClientSampleId :

Tot Ion:105 Resp: 3487787

Ion Ratio Lower Upper

105 100

120 44.4 35.5 53.3



#74

1,2,4-Trimethylbenzene

Concen: 6.143 ppbv

RT: 16.77 min Scan# 4348

Delta R.T. 0.00 min

Lab File: VL036274.D

Acq: 28 Jan 2021 16:06

Tgt Ion:105 Resp: 3455699

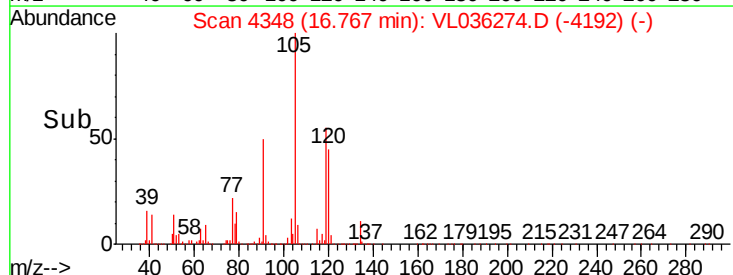
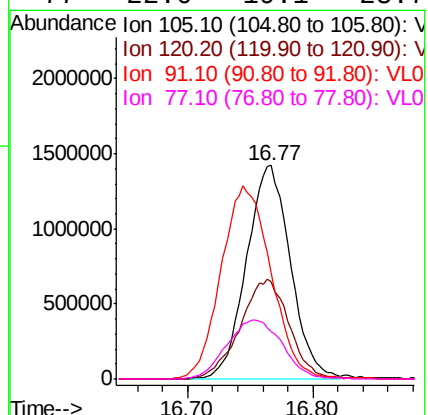
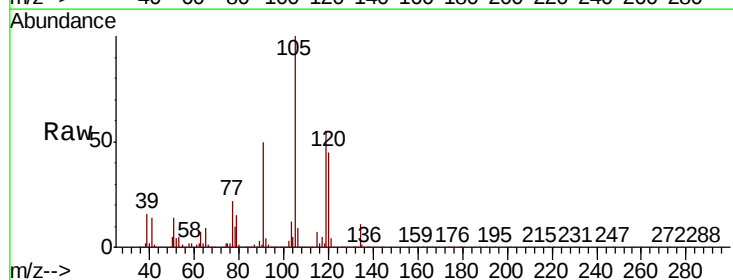
Ion Ratio Lower Upper

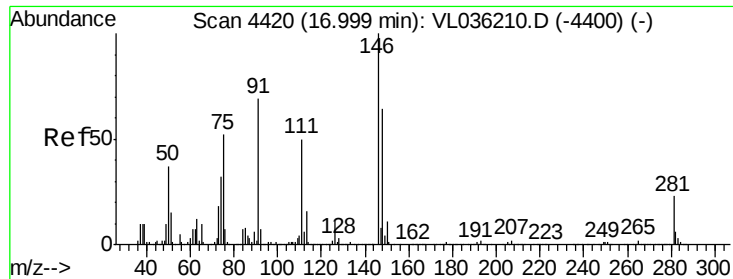
105 100

120 45.0 36.2 54.2

91 48.8 43.3 64.9

77 22.0 19.1 28.7

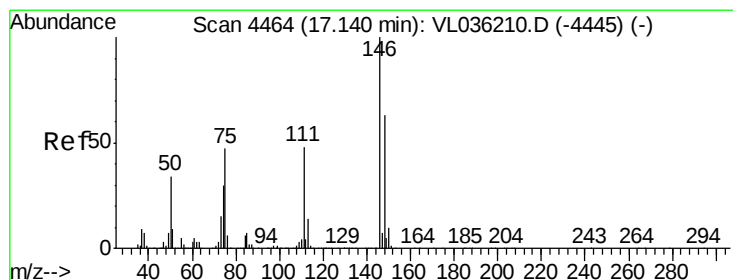
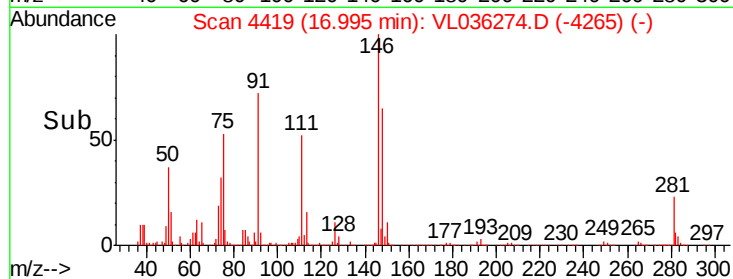
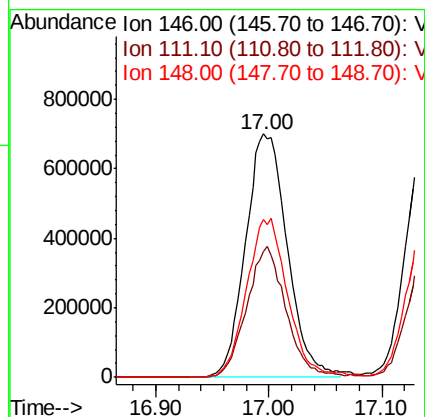
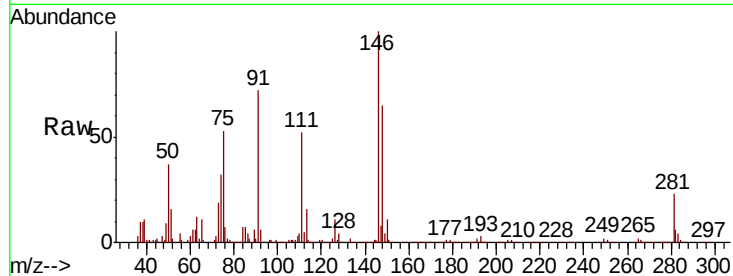




#75
 1,3-Dichlorobenzene
 Concen: 5.962 ppbv
 RT: 17.00 min Scan# 4419
 Delta R.T. -0.00 min
 Lab File: VL036274.D
 Acq: 28 Jan 2021 16:06

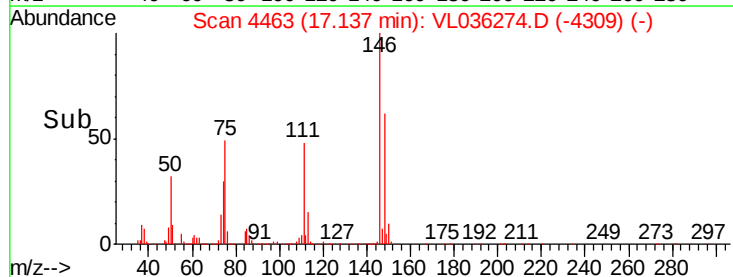
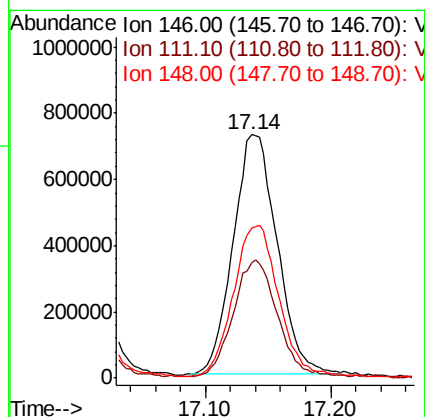
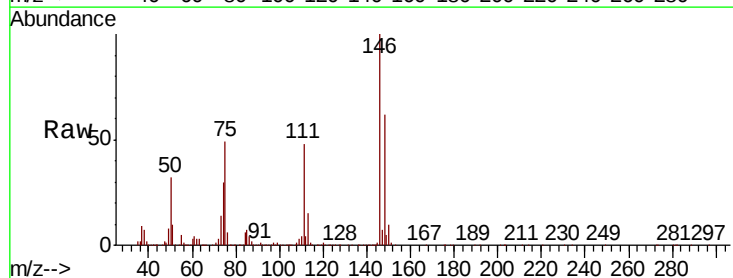
Instrument :
 MSVOA_L
 ClientSampleId :

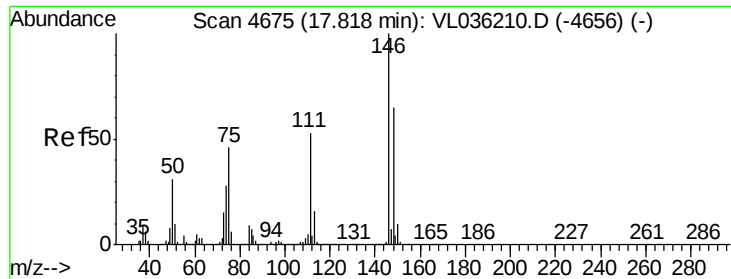
Tot Ion:146 Resp: 1798792
 Ion Ratio Lower Upper
 146 100
 111 50.6 25.5 76.5
 148 64.4 32.4 97.2



#76
 1,4-Dichlorobenzene
 Concen: 5.908 ppbv
 RT: 17.14 min Scan# 4463
 Delta R.T. -0.00 min
 Lab File: VL036274.D
 Acq: 28 Jan 2021 16:06

Tgt Ion:146 Resp: 1761069
 Ion Ratio Lower Upper
 146 100
 111 50.8 25.4 76.0
 148 67.0 33.3 99.9

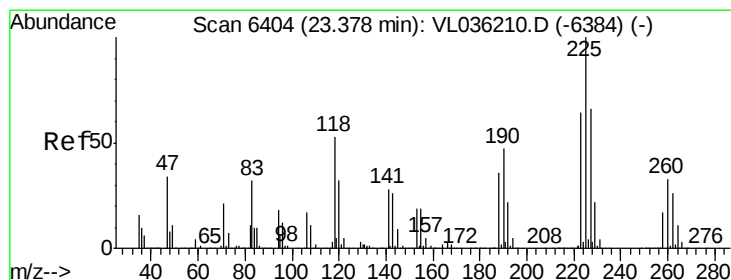
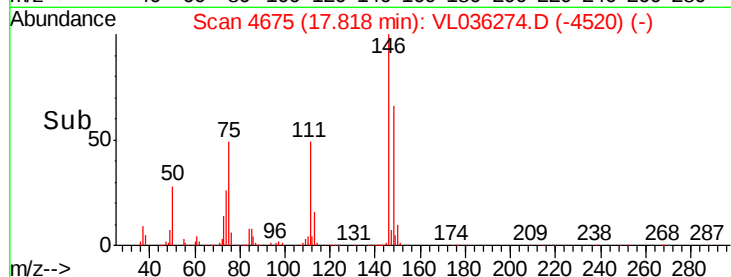
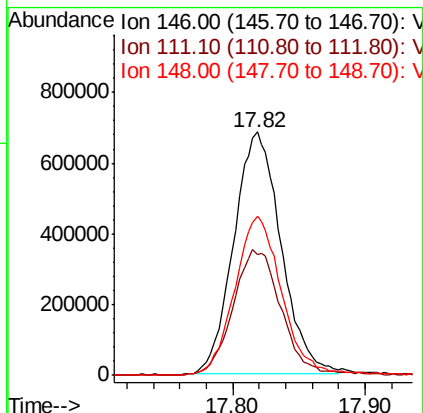
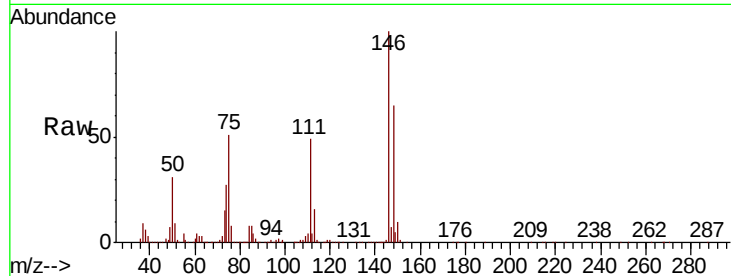




#77
 1,2-Dichlorobenzene
 Concen: 5.765 ppbv
 RT: 17.82 min Scan# 4675
 Delta R.T. -0.00 min
 Lab File: VL036274.D
 Acq: 28 Jan 2021 16:06

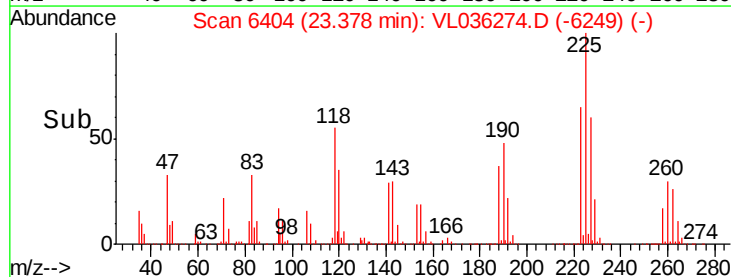
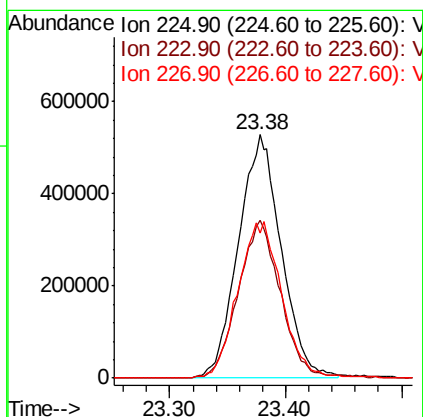
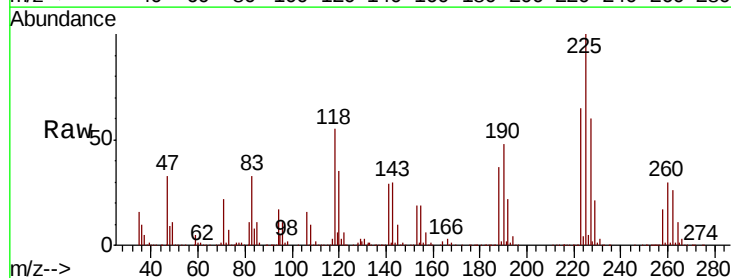
Instrument :
 MSVOA_L
 ClientSampled :

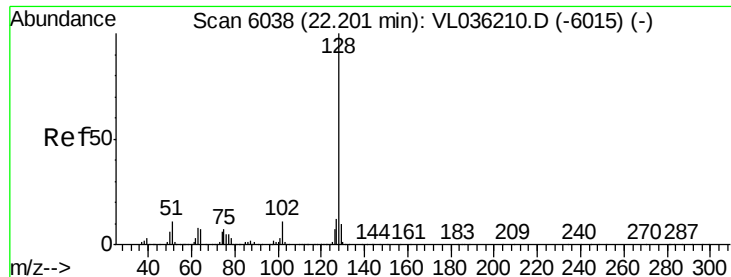
Tot Ion:146 Resp: 1698999
 Ion Ratio Lower Upper
 146 100
 111 53.4 26.5 79.4
 148 65.8 32.8 98.4



#78
 Hexachloro-1,3-Butadiene
 Concen: 5.713 ppbv
 RT: 23.38 min Scan# 6404
 Delta R.T. -0.00 min
 Lab File: VL036274.D
 Acq: 28 Jan 2021 16:06

Tgt Ion:225 Resp: 1346542
 Ion Ratio Lower Upper
 225 100
 223 64.8 50.5 75.7
 227 66.7 51.7 77.5





#79

Naphthalene

Concen: 7.861 ppbv

RT: 22.20 min Scan# 6037

Delta R.T. -0.00 min

Lab File: VL036274.D

Acq: 28 Jan 2021 16:06

Instrument :

MSVOA_L

ClientSampleId :

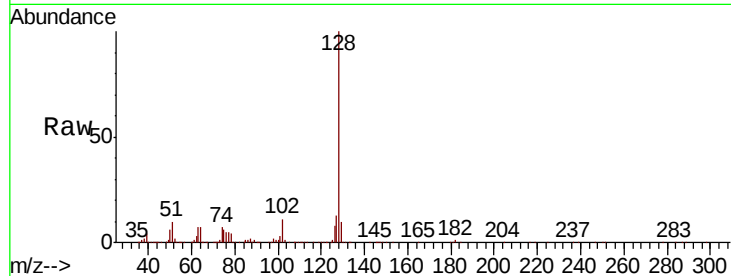
Tot Ion:128 Resp: 2585095

Ion Ratio Lower Upper

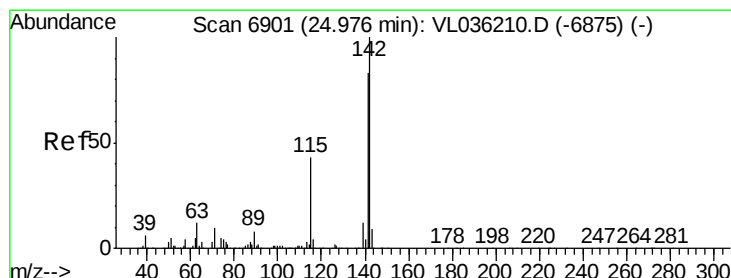
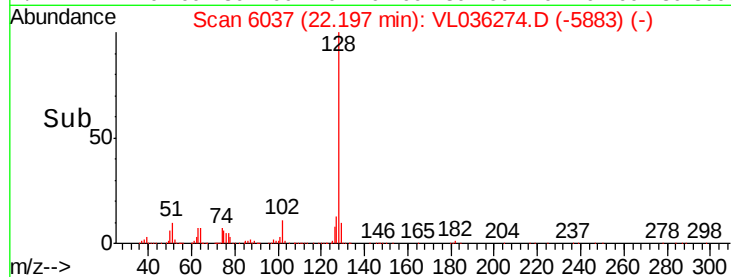
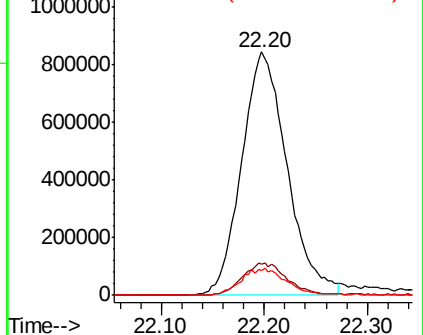
128 100

127 13.0 9.9 14.9

129 10.1 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



#80

Naphthalene, 2-methyl-

Concen: 12.561 ppbv

RT: 24.98 min Scan# 6902

Delta R.T. 0.00 min

Lab File: VL036274.D

Acq: 28 Jan 2021 16:06

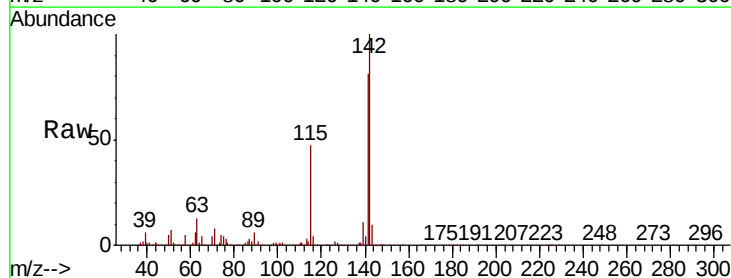
Tgt Ion:142 Resp: 881427

Ion Ratio Lower Upper

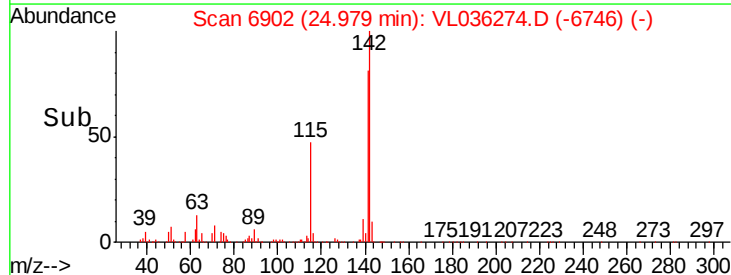
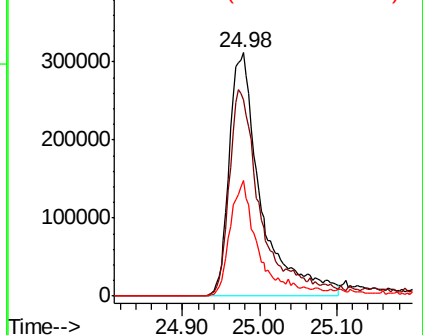
142 100

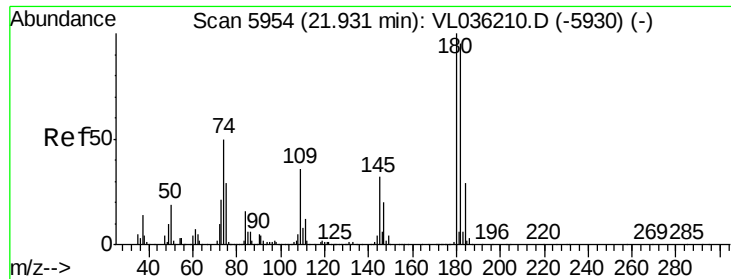
141 85.1 68.6 102.8

115 45.7 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





#81

1,2,4-Trichlorobenzene

Concen: 7.045 ppbv

RT: 21.93 min Scan# 5953

Delta R.T. -0.00 min

Lab File: VL036274.D

Acq: 28 Jan 2021 16:06

Instrument :

MSVOA_L

ClientSampleId :

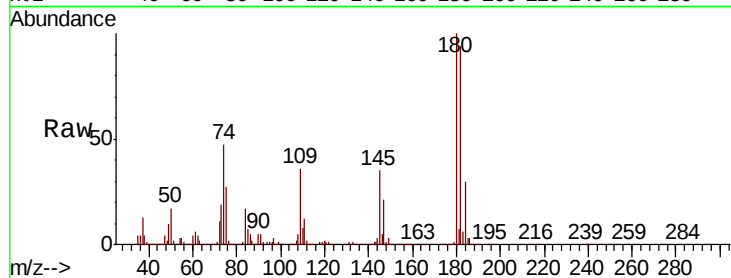
Tot Ion:180 Resp: 1352570

Ion Ratio Lower Upper

180 100

182 103.9 79.9 119.9

184 32.2 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

