

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL091721\
 Data File : VL037638.D
 Acq On : 17 Sep 2021 12:08
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Sep 18 06:17:17 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL091621AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Sep 16 13:42:46 2021
 QLast Update : Thu Sep 16 13:42:46 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	1444788	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.16	114	4320009	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.07	117	4074968	10.00	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.39	95	2905532	9.87	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.70%

Target Compounds					Ovalue
2) Dichlorodifluoromethane	3.03	85	1943049	7.432	ppbv 98
3) Chlorodifluoromethane	2.98	51	2737136	10.044	ppbv 100
4) Chloromethane	3.13	50	1025533	10.185	ppbv 96
5) Vinyl Chloride	3.24	62	1011860	10.699	ppbv 98
6) Bromomethane	3.46	94	572167	10.409	ppbv 100
7) Chloroethane	3.54	64	363355	10.281	ppbv 95
8) Dichlorotetrafluoroethane	3.18	85	2310376	10.244	ppbv 98
9) Propene	3.00	41	973199	10.124	ppbv 97
10) Heptane	8.10	43	2482058	11.065	ppbv 100
11) Trichlorofluoromethane	3.93	101	2064332	9.835	ppbv 99
12) 1,1,2-Trichlorotrifluoroet	4.47	101	1572121	10.147	ppbv 100
13) Ethanol	3.60	45	93334	9.926	ppbv 84
14) Bromoethene	3.73	108	713414	10.116	ppbv 100
15) Acetone	3.83	43	1205045	8.028	ppbv 97
16) 1,3-Butadiene	3.31	39	980795	10.456	ppbv 99
17) tert-Butyl alcohol	4.27	59	1495206	11.746	ppbv 99
18) 1,1-Dichloroethene	4.27	96	731342	10.133	ppbv 94
19) Isopropyl Alcohol	3.94	45	824435	10.094	ppbv 98
20) Methylene Chloride	4.33	84	632419	8.825	ppbv 97
21) Allyl Chloride	4.40	41	1152983	10.281	ppbv 99
22) trans-1,2-Dichloroethene	4.87	96	720418	9.921	ppbv 97
23) Vinyl Acetate	5.05	43	2062615	9.930	ppbv # 98
24) 1,1-Dichloroethane	4.99	63	1484700	9.977	ppbv 98
25) Ethyl Acetate	5.66	43	3849854	10.589	ppbv 99
26) Hexane	5.67	57	1818889	10.532	ppbv 99
27) Carbon Disulfide	4.53	76	1768173	11.192	ppbv 99
28) Methyl tert-Butyl Ether	5.01	73	1522567	10.009	ppbv 99
29) Chloroform	5.74	83	2600027	10.310	ppbv 98
30) Cyclohexane	7.11	84	1575070	10.664	ppbv 96
31) cis-1,2-Dichloroethene	5.53	61	1742915	11.117	ppbv 98
32) 1,1,1-Trichloroethane	6.49	97	2500380	10.650	ppbv 99
34) 2-Butanone	5.23	43	1655691	9.431	ppbv 99
35) Carbon Tetrachloride	7.00	117	2614637	10.700	ppbv 99
36) Benzene	6.87	78	3796502	10.539	ppbv 99
37) 1,2-Dichloroethane	6.29	62	1824882	10.300	ppbv 100
38) Trichloroethene	7.81	130	1500927	9.974	ppbv 98
39) 1,2-Dichloropropane	7.59	63	1462378	10.599	ppbv 98
40) 1,4-Dioxane	7.81	88	190108	5.664	ppbv # 1
41) Tetrahydrofuran	6.03	42	907796	11.000	ppbv 99
42) Bromodichloromethane	7.77	83	2755549	10.852	ppbv 99
43) Methyl Methacrylate	7.99	69	1359010	11.340	ppbv 98

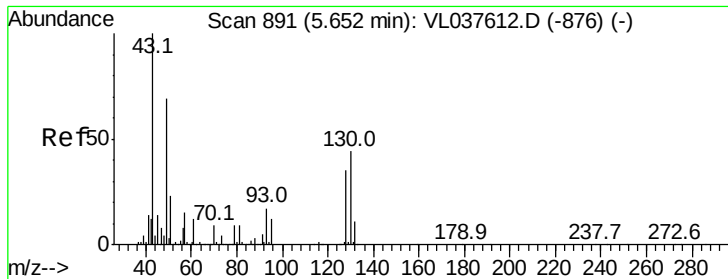
Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL091721\
 Data File : VL037638.D
 Acq On : 17 Sep 2021 12:08
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA L
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Instrument :
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Quant Time: Sep 18 06:17:17 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL091621AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Sep 16 13:42:46 2021
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,2,4-Trimethylpentane	7.85	57	6335524	10.462	ppbv	99
45) t-1,3-Dichloropropene	9.26	75	1183269	12.570	ppbv	98
46) cis-1,3-Dichloropropene	8.68	75	1551079	12.198	ppbv	99
47) 1,1,2-Trichloroethane	9.45	97	1562676	10.239	ppbv	97
48) Dibromochloromethane	10.28	129	2423720	11.383	ppbv	98
49) Bromoform	13.02	173	2005930	11.771	ppbv	97
50) 4-Methyl-2-Pentanone	8.72	43	2445183	10.973	ppbv	100
51) 2-Hexanone	10.11	43	1139153	11.587	ppbv #	100
52) Tetrachloroethene	11.20	164	1416929	10.246	ppbv	98
53) Toluene	9.79	91	4449907	11.113	ppbv	99
54) 1,2-Dibromoethane	10.59	107	2227941	10.661	ppbv	100
56) 1,1,1,2-Tetrachloroethane	12.10	131	1684966	9.969	ppbv	93
57) Chlorobenzene	12.13	112	3308316	9.765	ppbv	98
58) Ethyl Benzene	12.69	91	5697081	10.532	ppbv	99
59) m/p-Xylene	12.98	91	5707898	12.109	ppbv #	52
60) o-Xylene	13.67	91	4475310	9.975	ppbv	99
61) Styrene	13.50	104	2583929	11.679	ppbv	99
62) Isopropylbenzene	14.64	105	6149251	9.811	ppbv	98
63) 1,1,2,2-Tetrachloroethane	13.65	83	3226750	9.189	ppbv	100
64) n-propylbenzene	15.54	120	1682388	10.402	ppbv	90
65) tert-Butylbenzene	16.72	119	5484920	9.706	ppbv	100
66) Benzyl Chloride	16.97	91	363597	11.773	ppbv	98
67) sec-Butylbenzene	17.27	105	7609232	9.924	ppbv	99
69) p-Isopropyltoluene	17.63	119	6365341	10.162	ppbv	100
70) n-Butylbenzene	18.53	91	6227819	10.508	ppbv	100
71) 2-Chlorotoluene	15.43	91	4598245	10.237	ppbv	98
72) 4-Ethyltoluene	15.81	105	5258664	10.210	ppbv	99
73) 1,3,5-Trimethylbenzene	15.97	105	4817857	10.036	ppbv	98
74) 1,2,4-Trimethylbenzene	16.74	105	5050367	9.988	ppbv	99
75) 1,3-Dichlorobenzene	16.97	146	3128519	9.958	ppbv	100
76) 1,4-Dichlorobenzene	17.11	146	3024194	9.760	ppbv	100
77) 1,2-Dichlorobenzene	17.79	146	2966821	9.957	ppbv	99
78) Hexachloro-1,3-Butadiene	23.35	225	2164840	8.632	ppbv	99
79) Naphthalene	22.17	128	3648813	11.752	ppbv	99
80) Naphthalene, 2-methyl-	24.95	142	1138081	16.037	ppbv	95
81) 1,2,4-Trichlorobenzene	21.90	180	2163475	10.853	ppbv	100

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



#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.65 min Scan# 890

Delta R.T. -0.00 min

Lab File: VL037638.D

Acq: 17 Sep 2021 12:08

Instrument :
MSVOA_L
ClientSampleId :

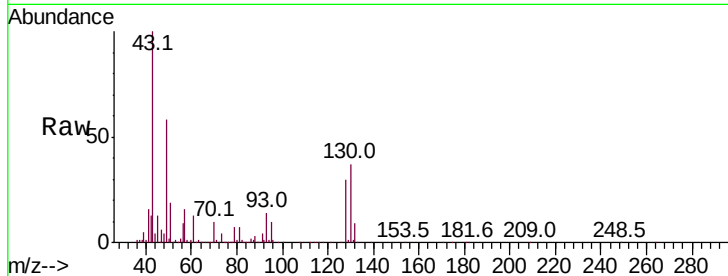
Tot Ion: 49 Resp: 1444788

Ion Ratio Lower Upper

49 100

128 55.9 27.9 83.6

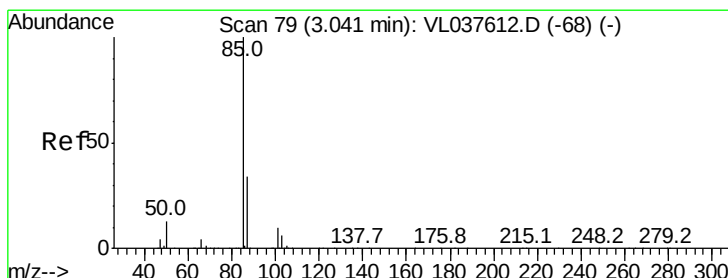
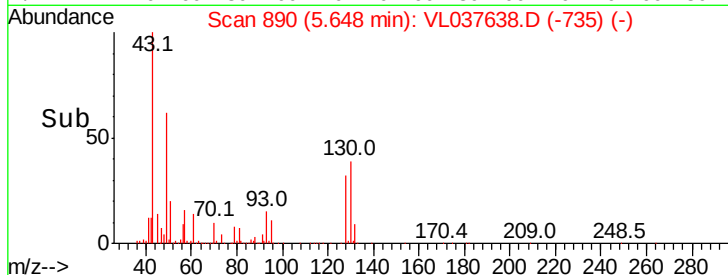
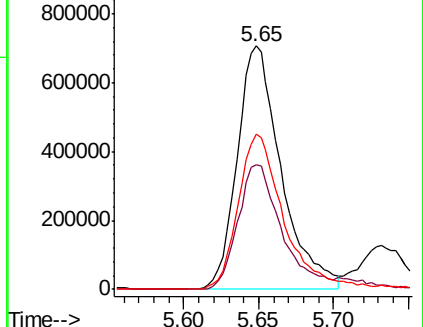
130 67.6 33.9 101.7



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: 7.432 ppbv

RT: 3.03 min Scan# 77

Delta R.T. -0.01 min

Lab File: VL037638.D

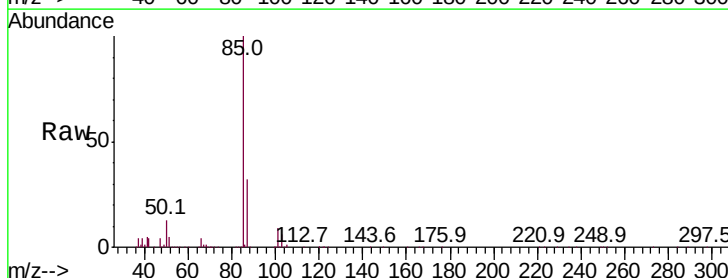
Acq: 17 Sep 2021 12:08

Tgt Ion: 85 Resp: 1943049

Ion Ratio Lower Upper

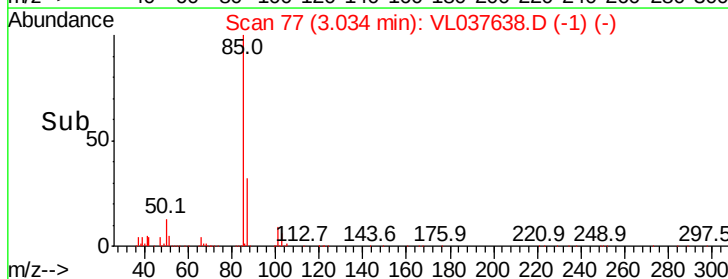
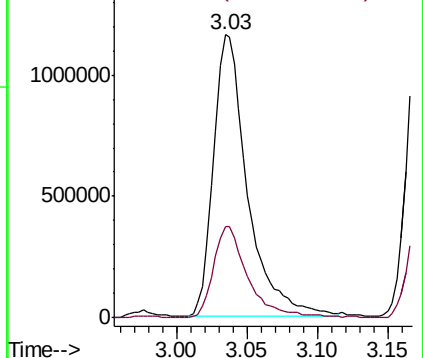
85 100

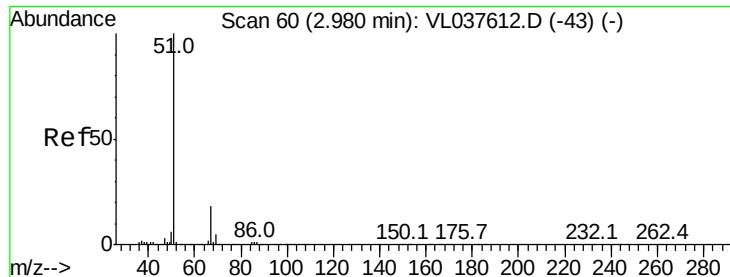
87 32.3 26.8 40.2



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0





#3

Chlorodifluoromethane

Concen: 10.044 ppbv

RT: 2.98 min Scan# 59

Delta R.T. -0.00 min

Lab File: VL037638.D

Acq: 17 Sep 2021 12:08

Instrument :

MSVOA_L

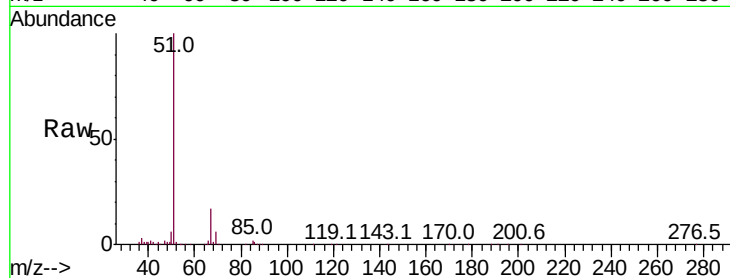
ClientSampleId :

Tot Ion: 51 Resp: 2737136

Ion Ratio Lower Upper

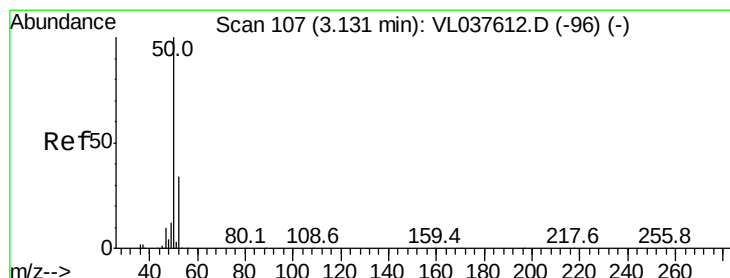
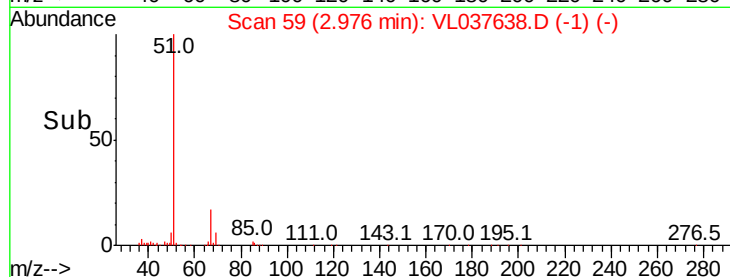
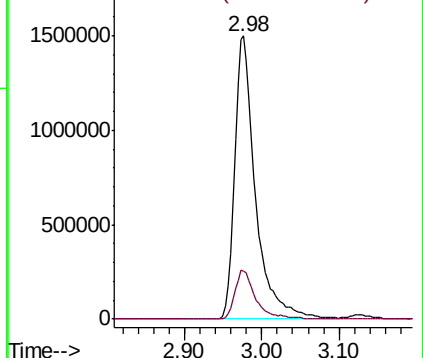
51 100

67 17.5 14.0 21.0



Abundance Ion 51.00 (50.70 to 51.70): VL0

Ion 67.00 (66.70 to 67.70): VL0



#4

Chloromethane

Concen: 10.185 ppbv

RT: 3.13 min Scan# 106

Delta R.T. -0.00 min

Lab File: VL037638.D

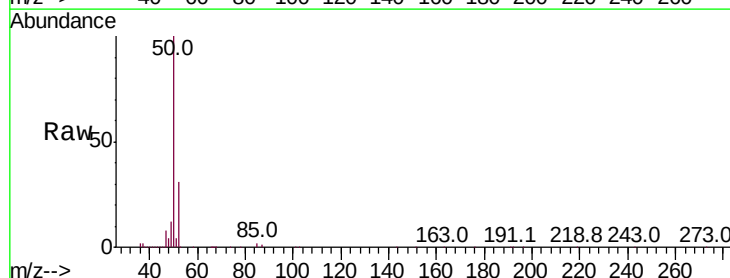
Acq: 17 Sep 2021 12:08

Tgt Ion: 50 Resp: 1025533

Ion Ratio Lower Upper

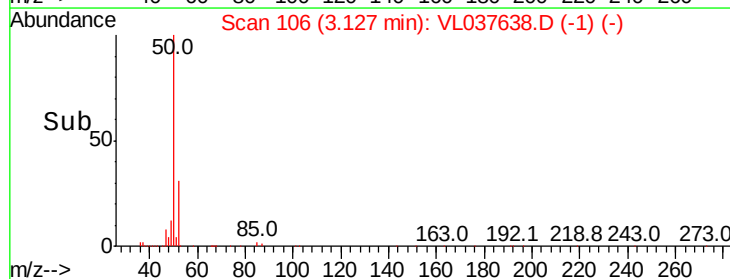
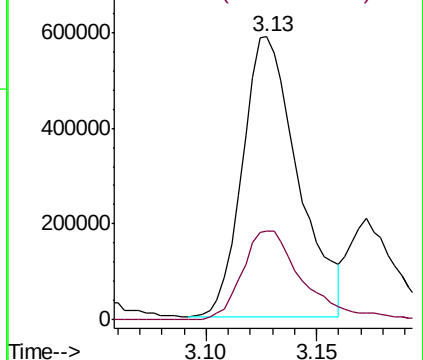
50 100

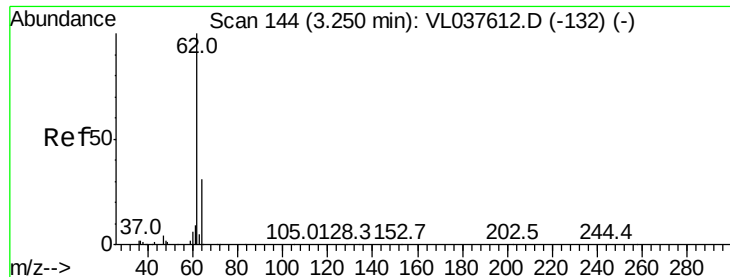
52 31.4 27.1 40.7



Abundance Ion 50.10 (49.80 to 50.80): VL0

Ion 52.10 (51.80 to 52.80): VL0





#5

Vinyl Chloride

Concen: 10.699 ppbv

RT: 3.24 min Scan# 142

Delta R.T. -0.01 min

Lab File: VL037638.D

Acq: 17 Sep 2021 12:08

Instrument :

MSVOA_L

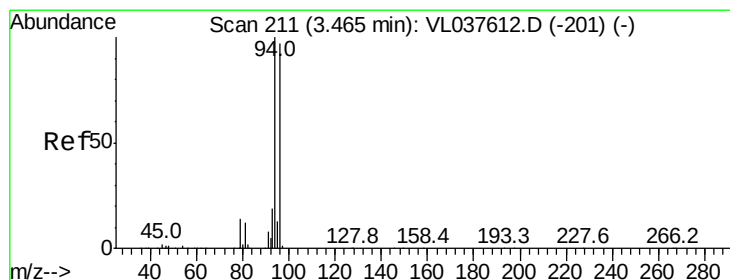
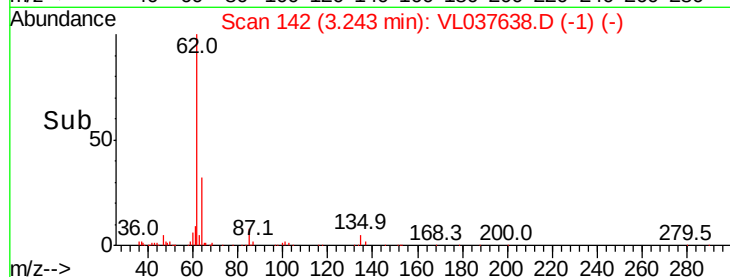
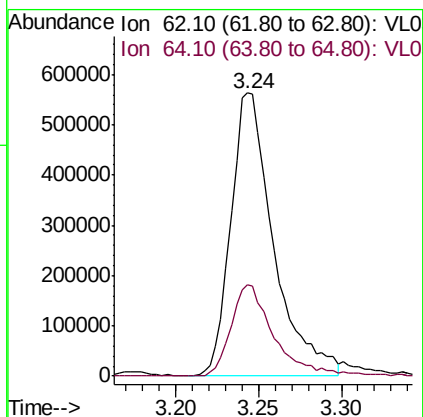
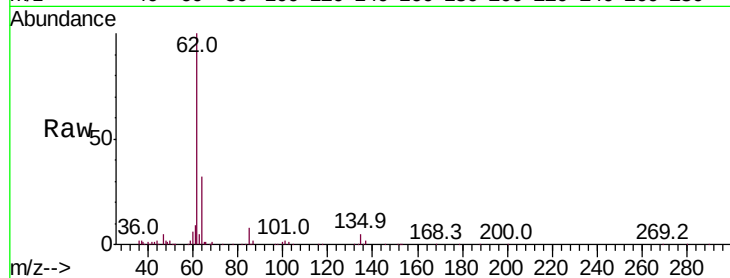
ClientSampleId :

Tot Ion: 62 Resp: 1011860

Ion Ratio Lower Upper

62 100

64 32.2 24.9 37.3



#6

Bromomethane

Concen: 10.409 ppbv

RT: 3.46 min Scan# 210

Delta R.T. -0.00 min

Lab File: VL037638.D

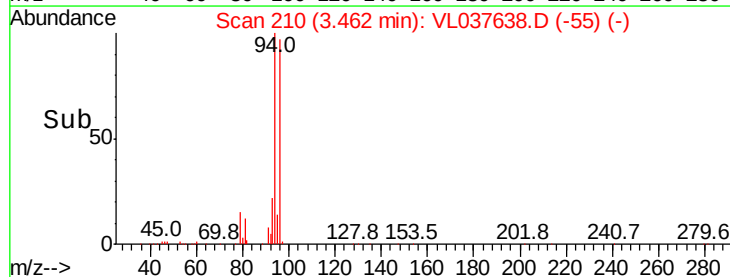
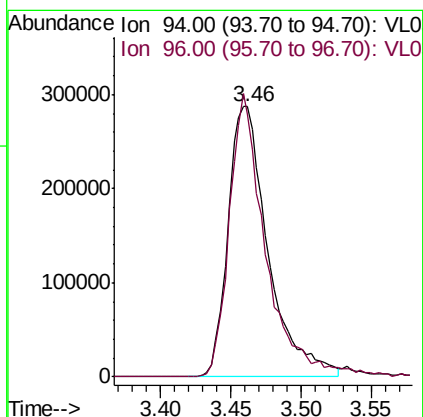
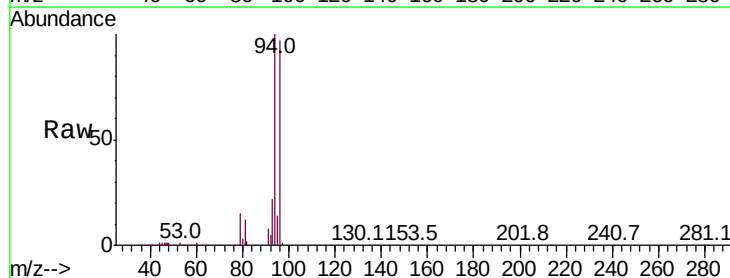
Acq: 17 Sep 2021 12:08

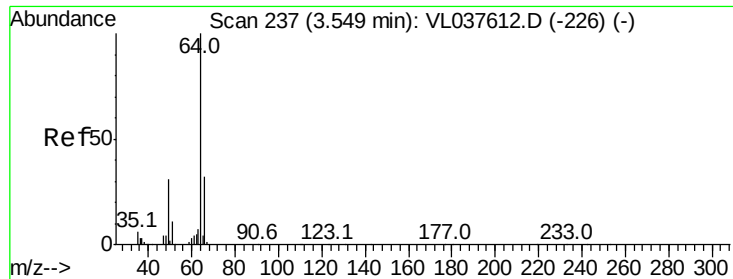
Tgt Ion: 94 Resp: 572167

Ion Ratio Lower Upper

94 100

96 97.1 77.3 115.9





#7

Chloroethane

Concen: 10.281 ppbv

RT: 3.54 min Scan# 235

Delta R.T. -0.01 min

Lab File: VL037638.D

Acq: 17 Sep 2021 12:08

Instrument :

MSVOA_L

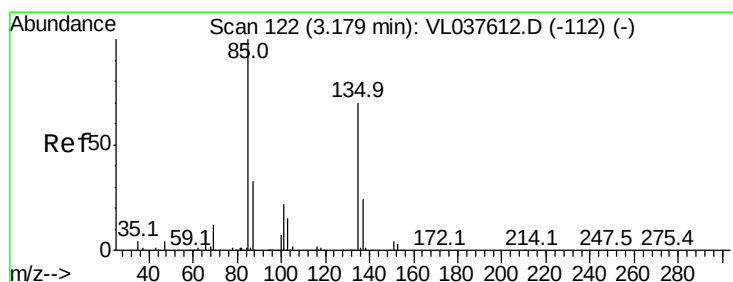
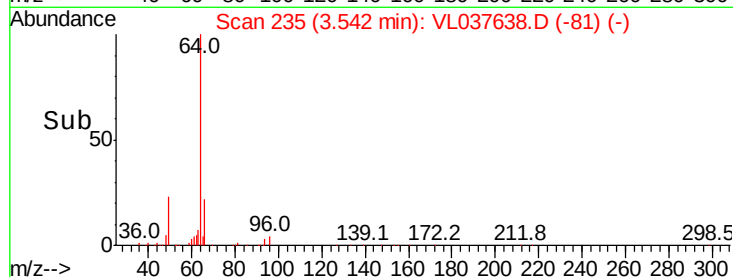
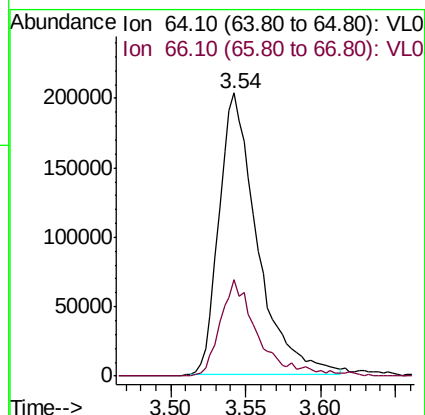
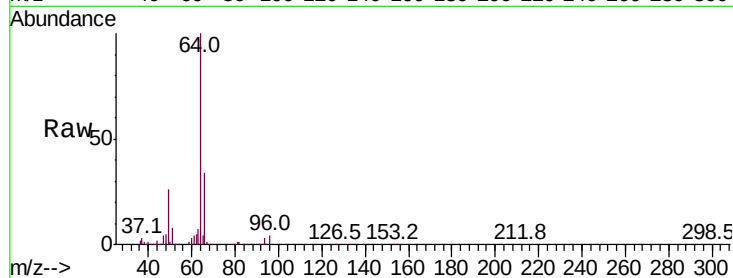
ClientSampleId :

Tot Ion: 64 Resp: 363355

Ion Ratio Lower Upper

64 100

66 34.1 25.3 37.9



#8

Dichlorotetrafluoroethane

Concen: 10.244 ppbv

RT: 3.18 min Scan# 121

Delta R.T. -0.00 min

Lab File: VL037638.D

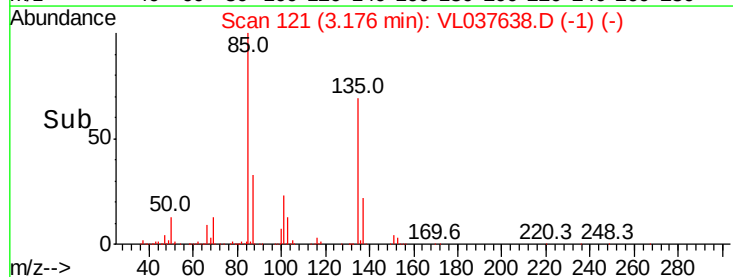
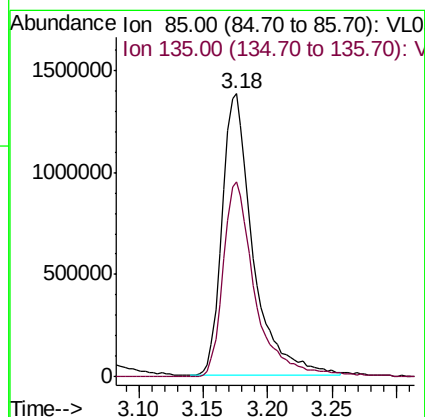
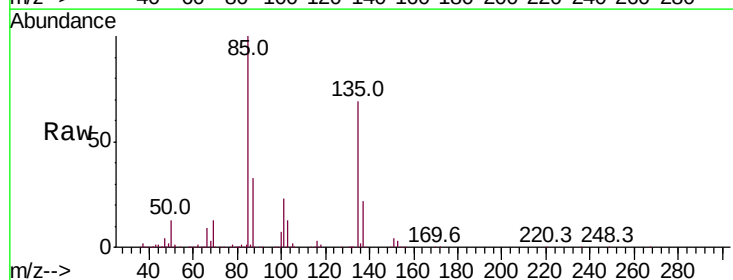
Acq: 17 Sep 2021 12:08

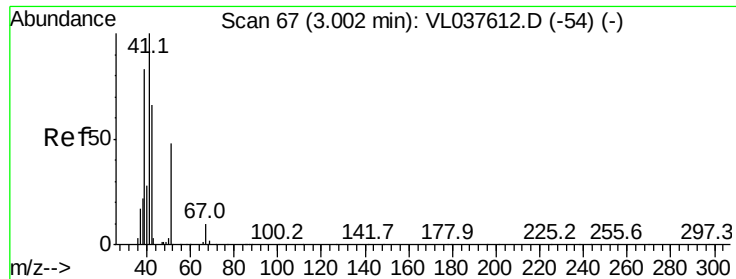
Tgt Ion: 85 Resp: 2310376

Ion Ratio Lower Upper

85 100

135 72.2 59.3 88.9





#9

Propene

Concen: 10.124 ppbv

RT: 3.00 min Scan# 65

Delta R.T. -0.01 min

Lab File: VL037638.D

Acq: 17 Sep 2021 12:08

Instrument :

MSVOA_L

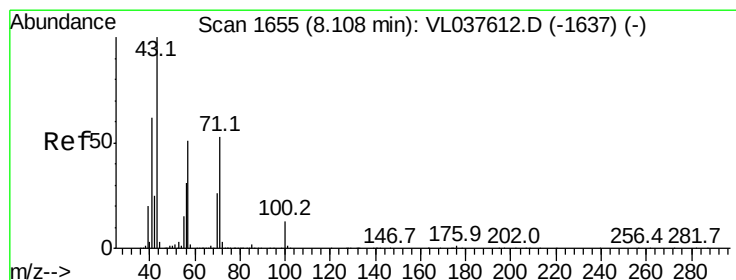
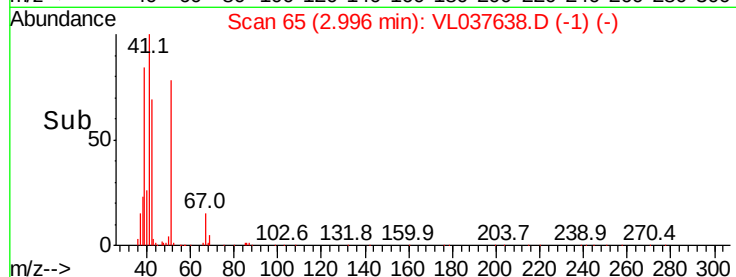
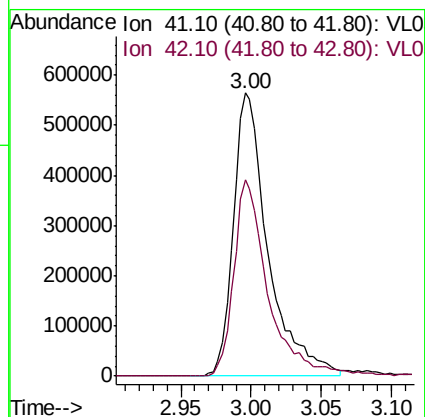
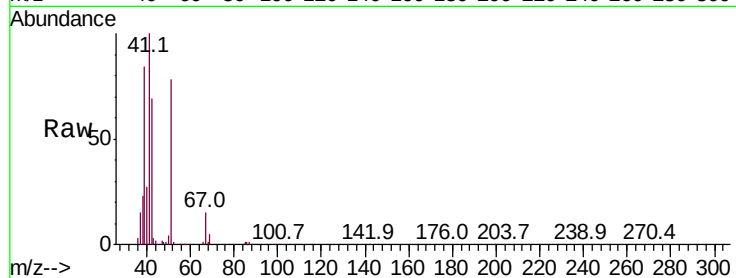
ClientSampleId :

Tot Ion: 41 Resp: 973199

Ion Ratio Lower Upper

41 100

42 69.1 57.2 85.8



#10

Heptane

Concen: 11.065 ppbv

RT: 8.10 min Scan# 1653

Delta R.T. -0.01 min

Lab File: VL037638.D

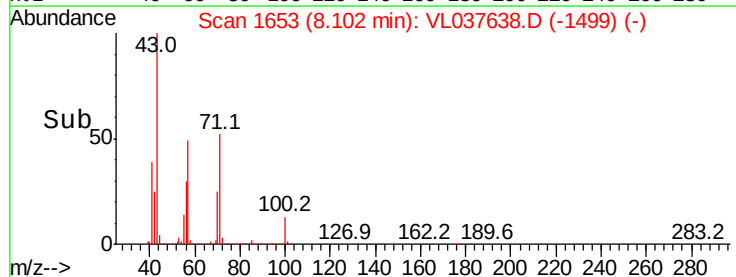
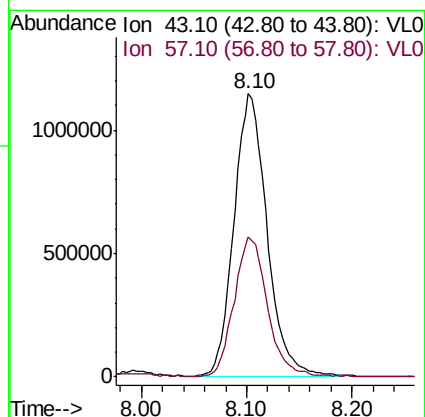
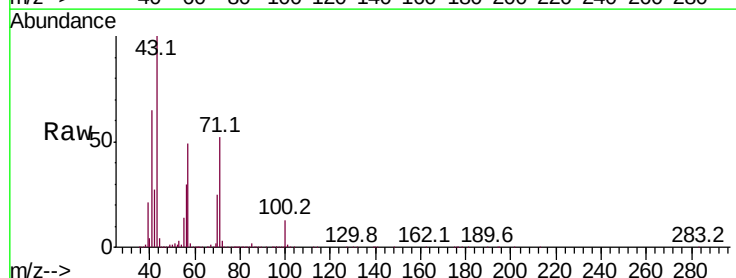
Acq: 17 Sep 2021 12:08

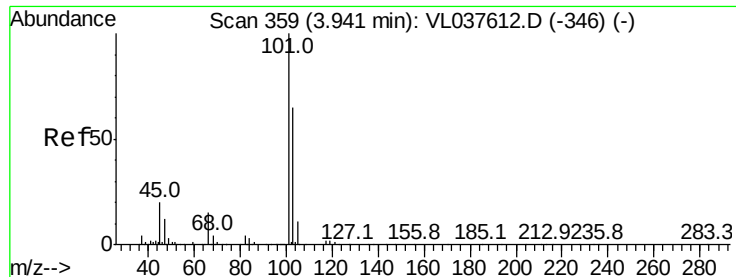
Tgt Ion: 43 Resp: 2482058

Ion Ratio Lower Upper

43 100

57 50.0 40.1 60.1

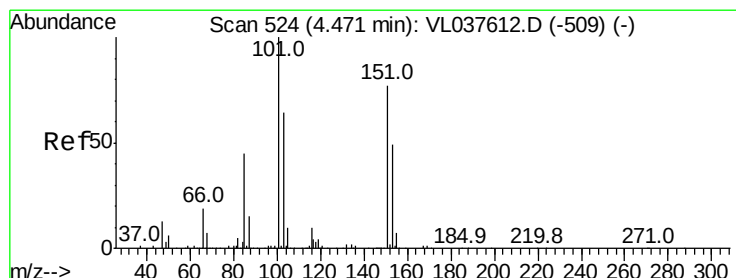
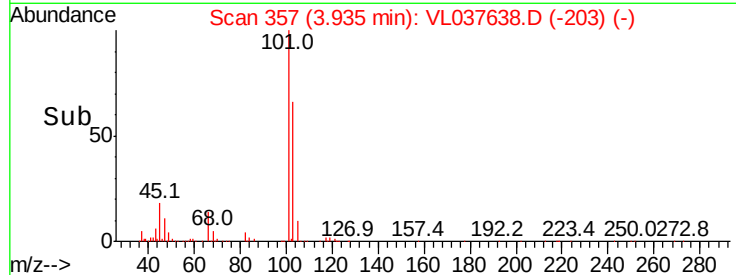
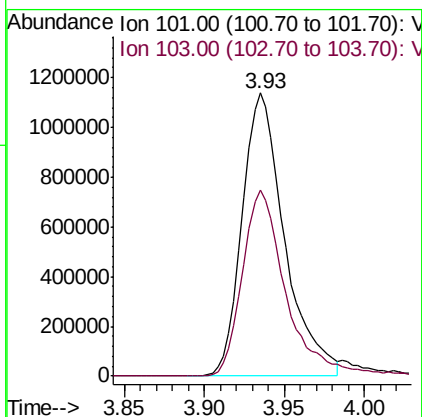
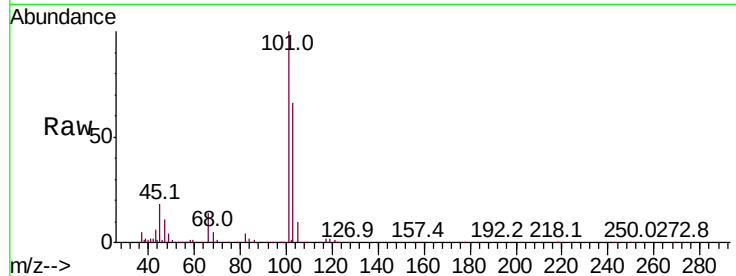




#11
 Trichlorofluoromethane
 Concen: 9.835 ppbv
 RT: 3.93 min Scan# 357
 Delta R.T. -0.01 min
 Lab File: VL037638.D
 Acq: 17 Sep 2021 12:08

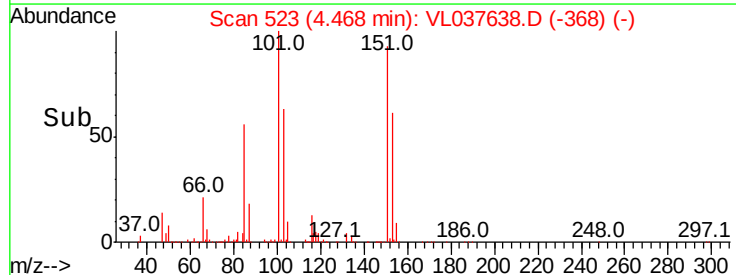
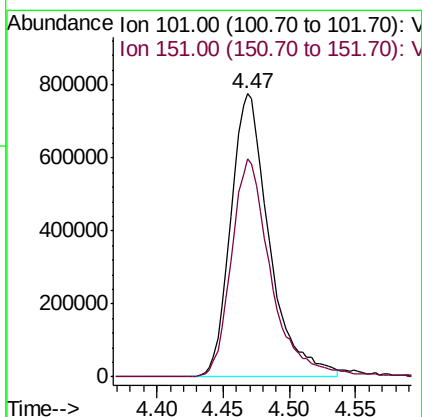
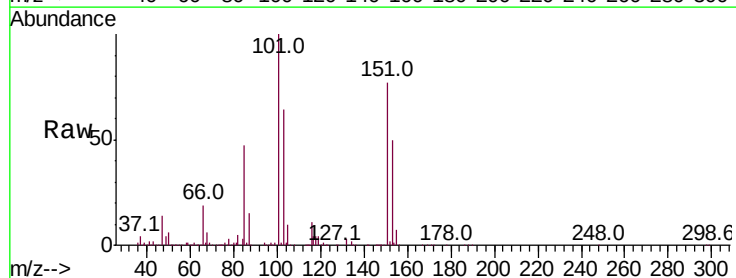
Instrument :
 MSVOA_L
 ClientSampleId :

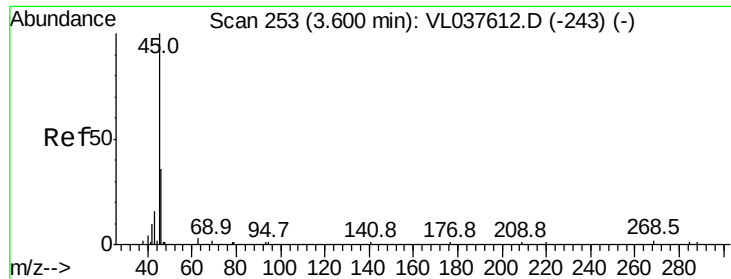
Tot Ion:101 Resp: 2064332
 Ion Ratio Lower Upper
 101 100
 103 65.8 51.9 77.9



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 10.147 ppbv
 RT: 4.47 min Scan# 523
 Delta R.T. -0.00 min
 Lab File: VL037638.D
 Acq: 17 Sep 2021 12:08

Tgt Ion:101 Resp: 1572121
 Ion Ratio Lower Upper
 101 100
 151 79.8 63.5 95.3

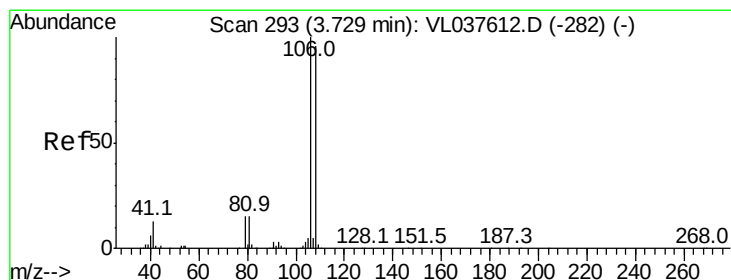
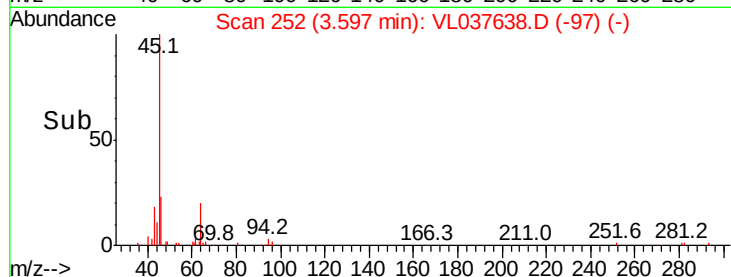
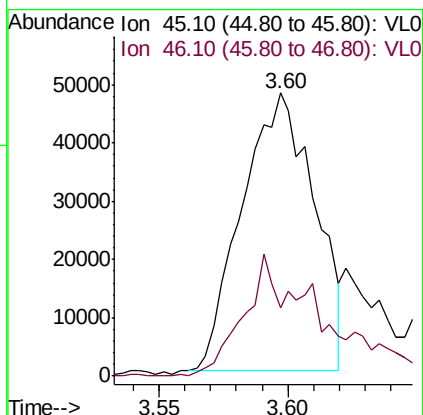
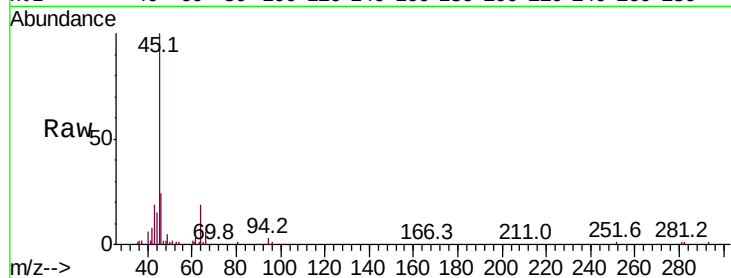




#13
Ethanol
Concen: 9.926 ppbv
RT: 3.60 min Scan# 252
Delta R.T. -0.00 min
Lab File: VL037638.D
Acq: 17 Sep 2021 12:08

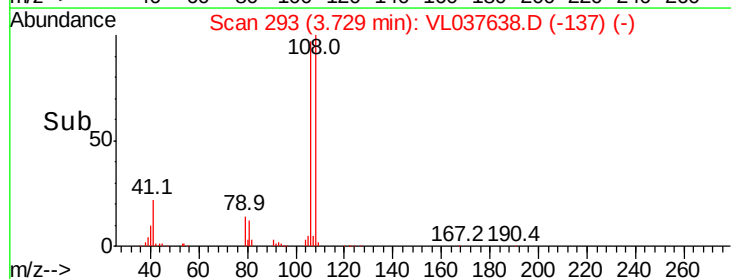
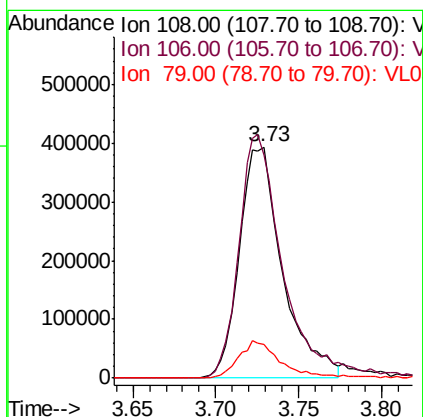
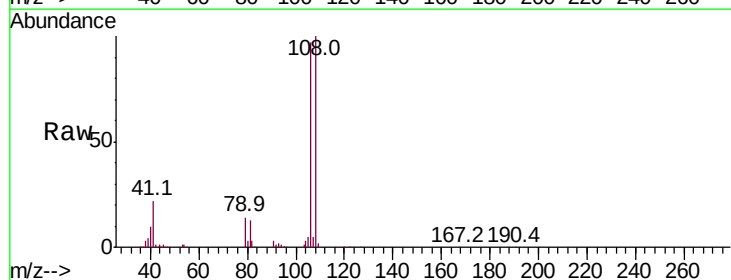
Instrument :
MSVOA_L
ClientSampleId :

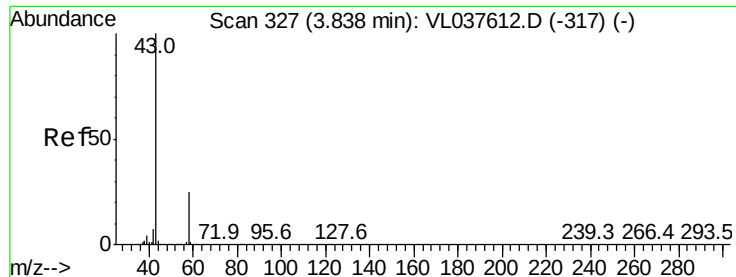
Tot Ion: 45 Resp: 93334
Ion Ratio Lower Upper
45 100
46 53.3 17.2 68.8



#14
Bromoethene
Concen: 10.116 ppbv
RT: 3.73 min Scan# 293
Delta R.T. 0.00 min
Lab File: VL037638.D
Acq: 17 Sep 2021 12:08

Tgt Ion: 108 Resp: 713414
Ion Ratio Lower Upper
108 100
106 110.3 88.2 132.4
79 16.1 12.8 19.2





#15

Acetone

Concen: 8.028 ppbv

RT: 3.83 min Scan# 325

Delta R.T. -0.01 min

Lab File: VL037638.D

Acq: 17 Sep 2021 12:08

Instrument :

MSVOA_L

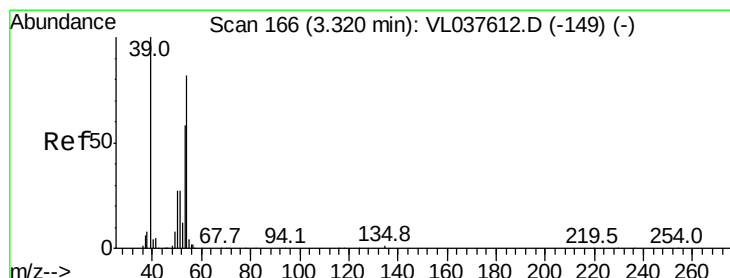
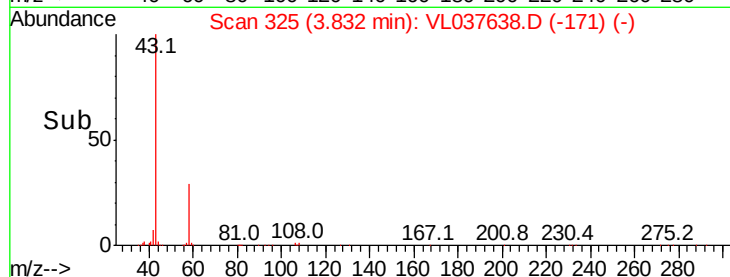
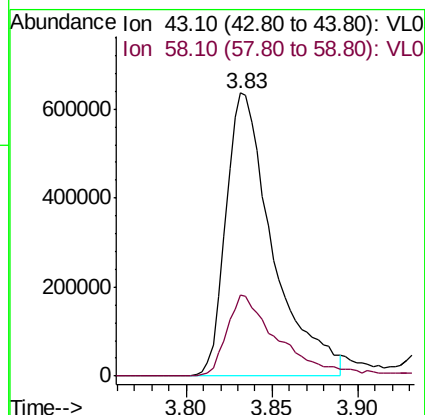
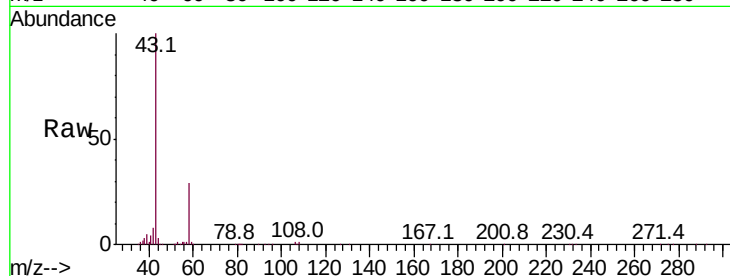
ClientSampleId :

Tot Ion: 43 Resp: 1205045

Ion Ratio Lower Upper

43 100

58 32.6 24.9 37.3



#16

1,3-Butadiene

Concen: 10.456 ppbv

RT: 3.31 min Scan# 164

Delta R.T. -0.01 min

Lab File: VL037638.D

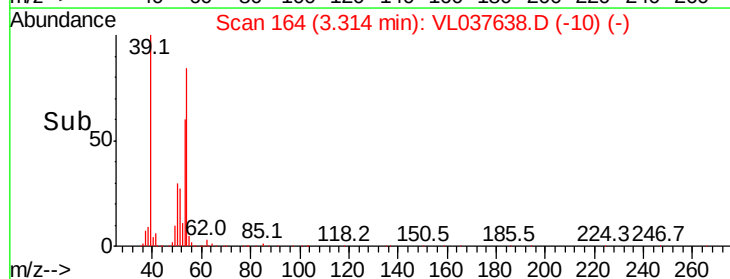
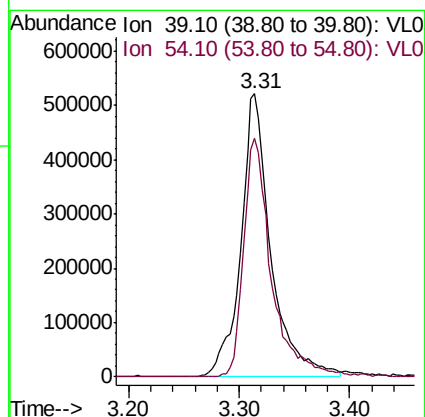
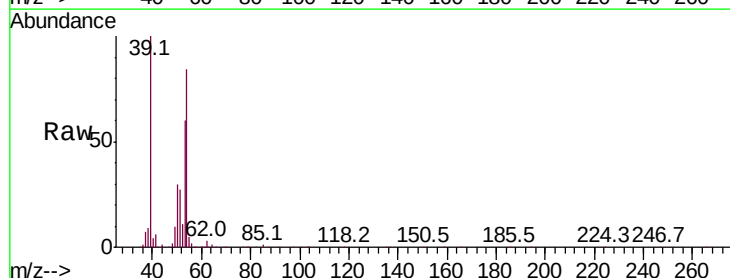
Acq: 17 Sep 2021 12:08

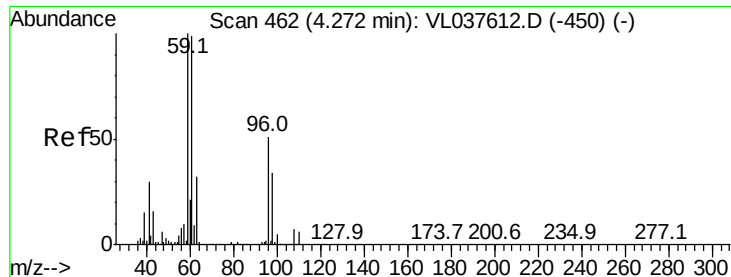
Tgt Ion: 39 Resp: 980795

Ion Ratio Lower Upper

39 100

54 78.8 62.6 93.8



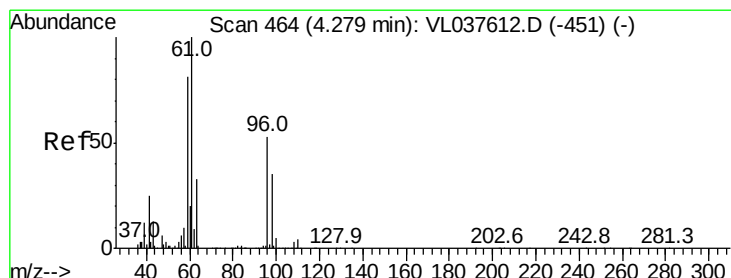
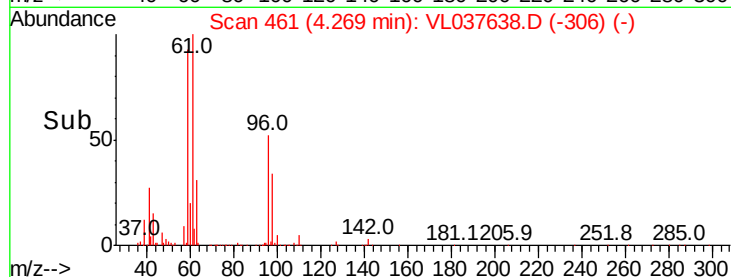
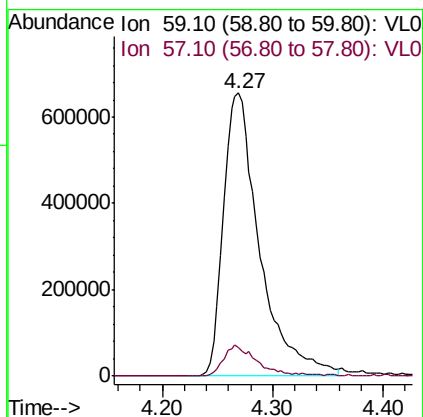
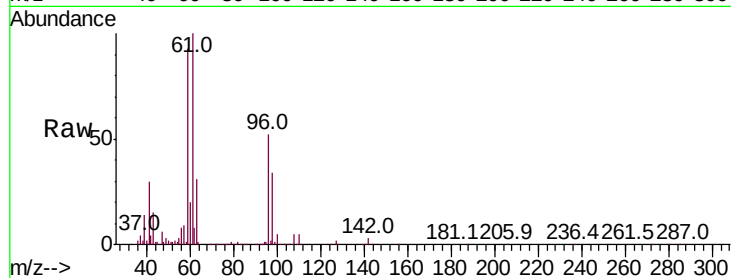


#17

tert-Butyl alcohol
 Concen: 11.746 ppbv
 RT: 4.27 min Scan# 461
 Delta R.T. -0.00 min
 Lab File: VL037638.D
 Acq: 17 Sep 2021 12:08

Instrument :
 MSVOA_L
 ClientSampleId :

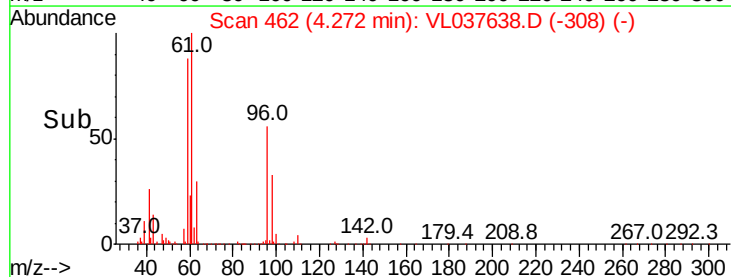
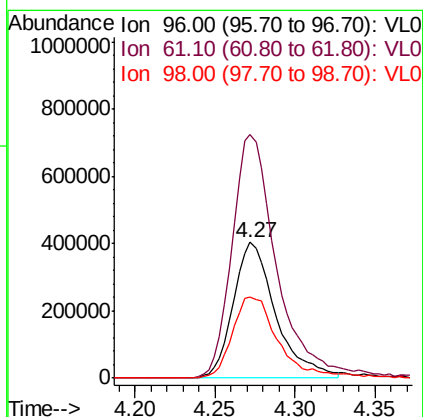
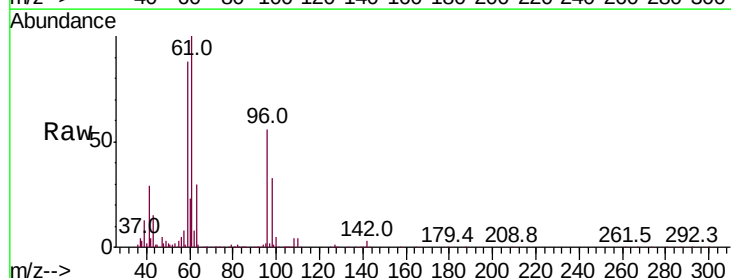
Tot Ion: 59 Resp: 1495206
 Ion Ratio Lower Upper
 59 100
 57 10.9 8.4 12.6

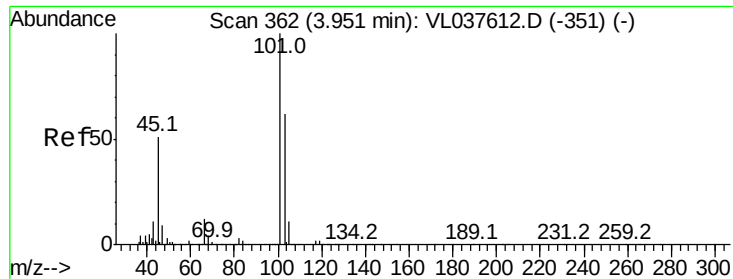


#18

1,1-Dichloroethene
 Concen: 10.133 ppbv
 RT: 4.27 min Scan# 462
 Delta R.T. -0.01 min
 Lab File: VL037638.D
 Acq: 17 Sep 2021 12:08

Tgt Ion: 96 Resp: 731342
 Ion Ratio Lower Upper
 96 100
 61 179.6 150.4 225.6
 98 60.0 52.1 78.1





#19

Isopropyl Alcohol

Concen: 10.094 ppbv

RT: 3.94 min Scan# 360

Delta R.T. -0.01 min

Lab File: VL037638.D

Acq: 17 Sep 2021 12:08

Instrument :

MSVOA_L

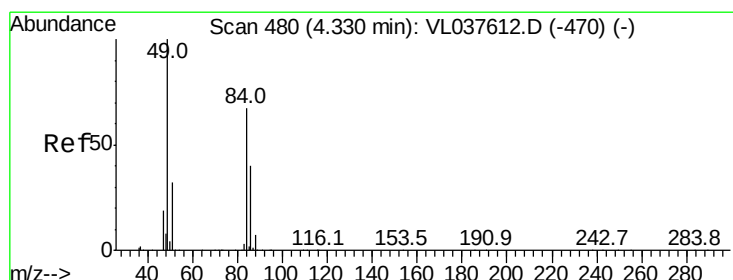
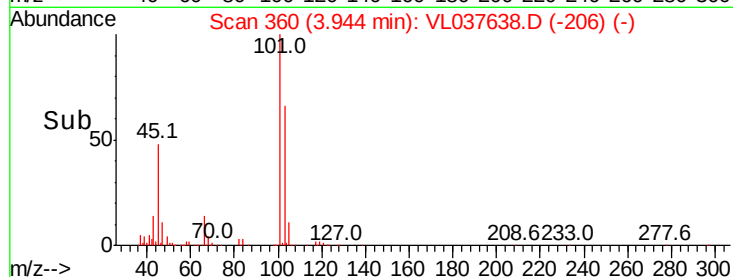
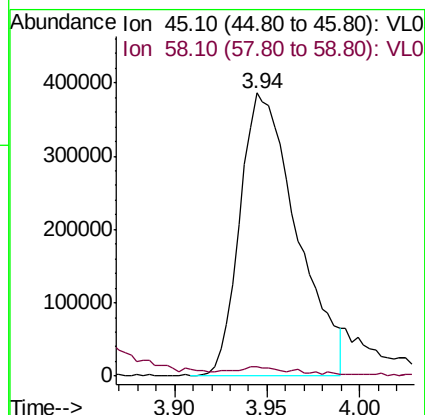
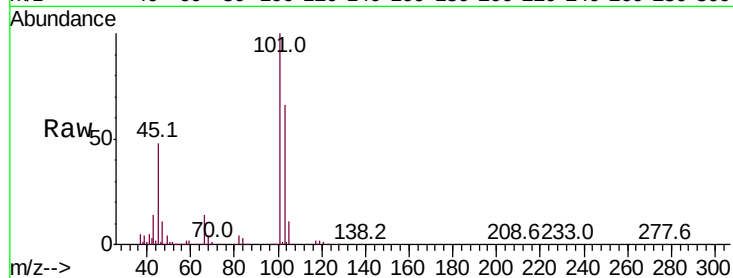
ClientSampled :

Tot Ion: 45 Resp: 824435

Ion Ratio Lower Upper

45 100

58 2.9 2.9 4.3



#20

Methylene Chloride

Concen: 8.825 ppbv

RT: 4.33 min Scan# 480

Delta R.T. 0.00 min

Lab File: VL037638.D

Acq: 17 Sep 2021 12:08

Tgt Ion: 84 Resp: 632419

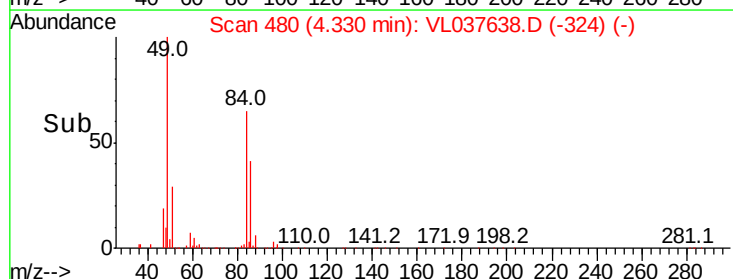
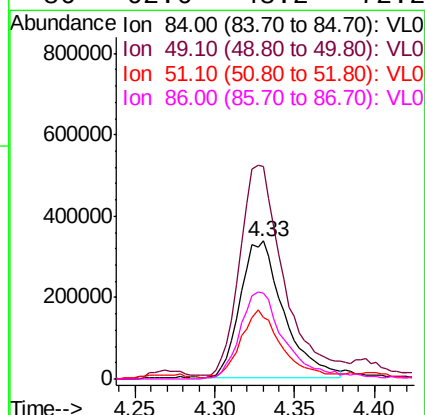
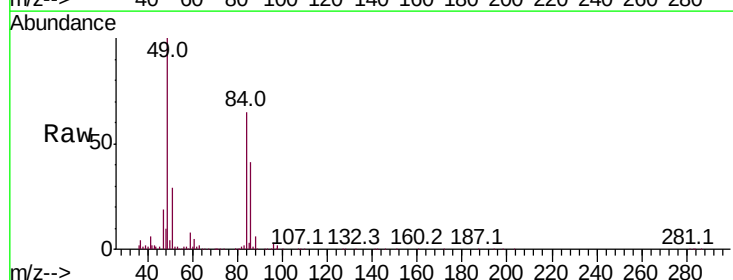
Ion Ratio Lower Upper

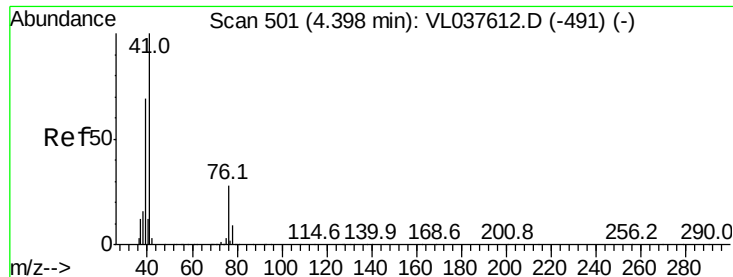
84 100

49 152.1 120.0 180.0

51 43.5 38.0 57.0

86 62.6 48.2 72.2

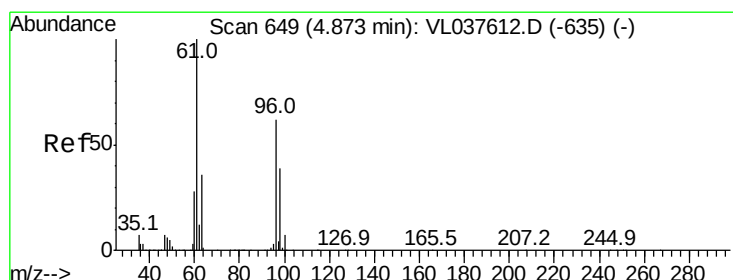
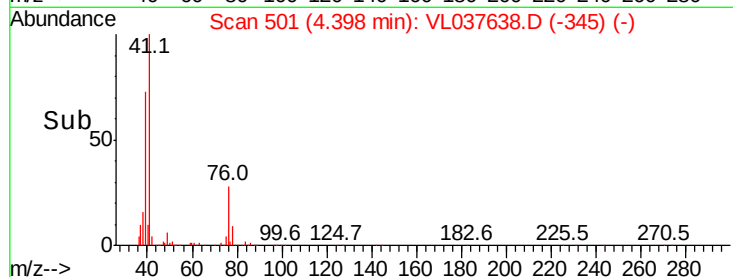
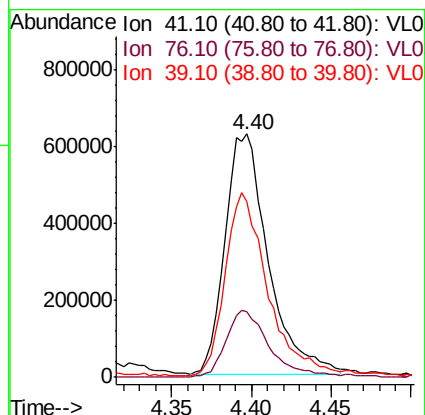
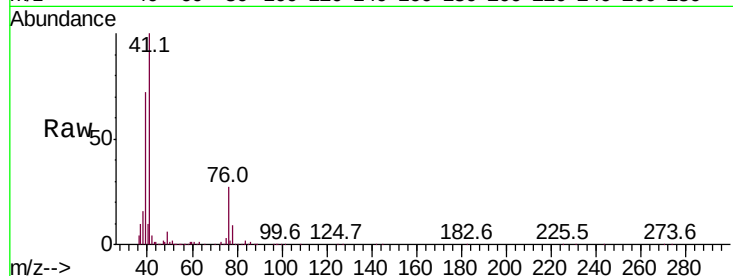




#21
Allvl Chloride
Concen: 10.281 ppbv
RT: 4.40 min Scan# 501
Delta R.T. 0.00 min
Lab File: VL037638.D
Acq: 17 Sep 2021 12:08

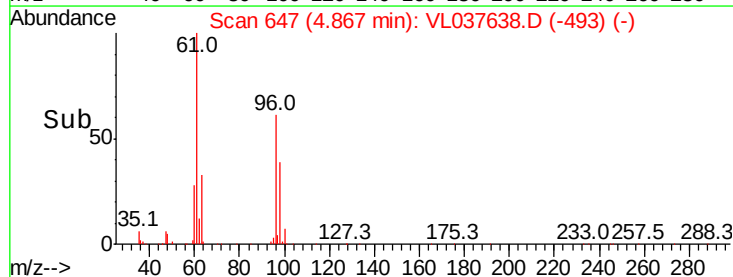
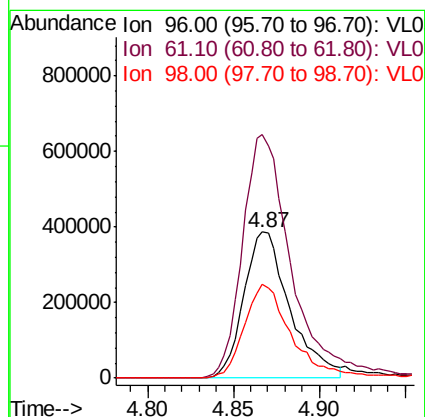
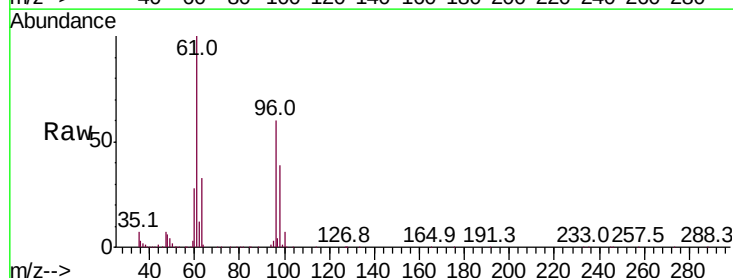
Instrument :
MSVOA_L
ClientSampleId :

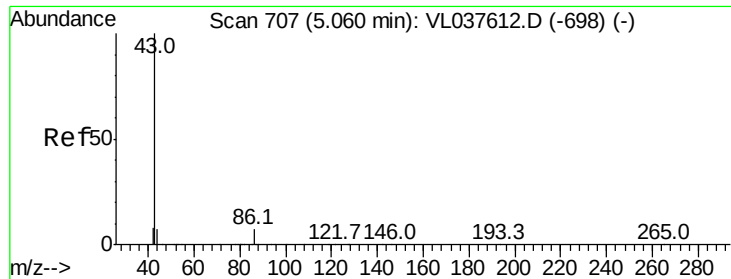
Tot Ion: 41 Resp: 1152983
Ion Ratio Lower Upper
41 100
76 28.7 23.1 34.7
39 77.3 61.0 91.6



#22
trans-1,2-Dichloroethene
Concen: 9.921 ppbv
RT: 4.87 min Scan# 647
Delta R.T. -0.01 min
Lab File: VL037638.D
Acq: 17 Sep 2021 12:08

Tgt Ion: 96 Resp: 720418
Ion Ratio Lower Upper
96 100
61 166.5 129.2 193.8
98 64.3 50.4 75.6

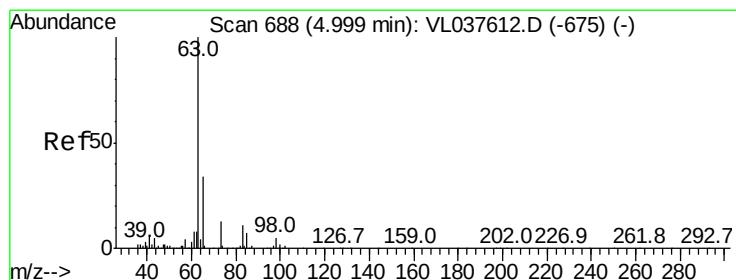
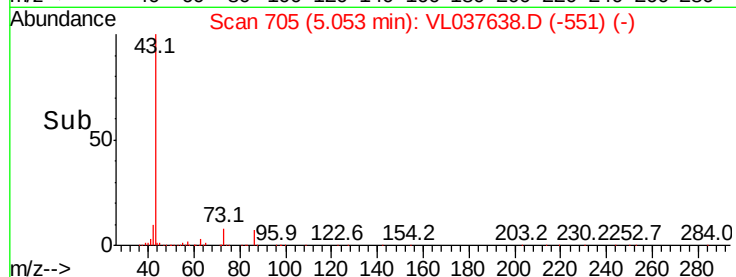
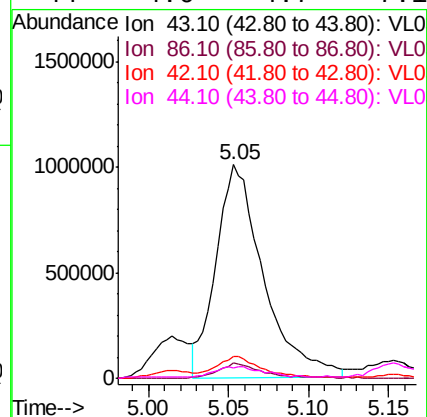
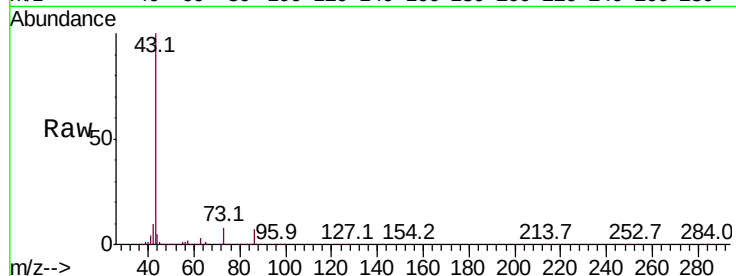




#23
 Vinyl Acetate
 Concen: 9.930 ppbv
 RT: 5.05 min Scan# 705
 Delta R.T. -0.01 min
 Lab File: VL037638.D
 Acq: 17 Sep 2021 12:08

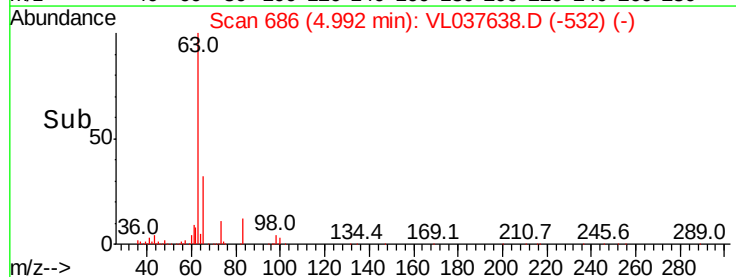
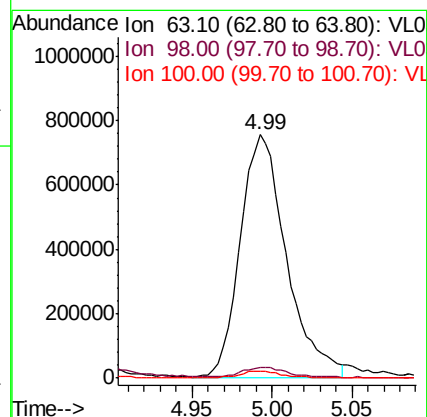
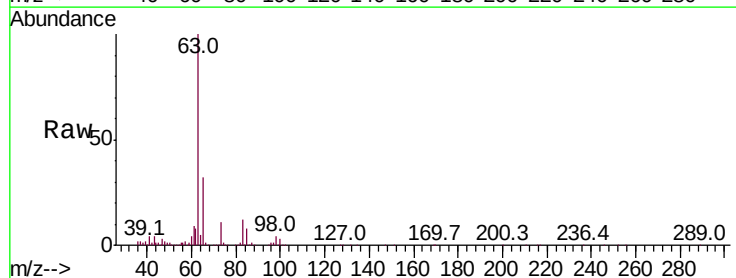
Instrument :
 MSVOA_L
 ClientSampleId :

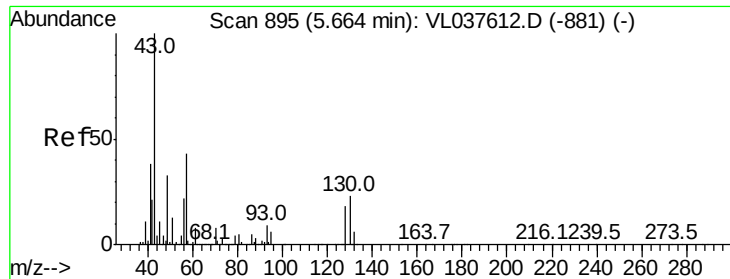
Tot Ion:	43	Resp:	2062615
Ion	Ratio	Lower	Upper
43	100		
86	7.0	5.0	7.6
42	10.0	7.5	11.3
44	4.6	4.7	7.1#



#24
 1,1-Dichloroethane
 Concen: 9.977 ppbv
 RT: 4.99 min Scan# 686
 Delta R.T. -0.01 min
 Lab File: VL037638.D
 Acq: 17 Sep 2021 12:08

Tgt Ion:	63	Resp:	1484700
Ion	Ratio	Lower	Upper
63	100		
98	3.9	2.4	7.2
100	2.4	1.1	3.5

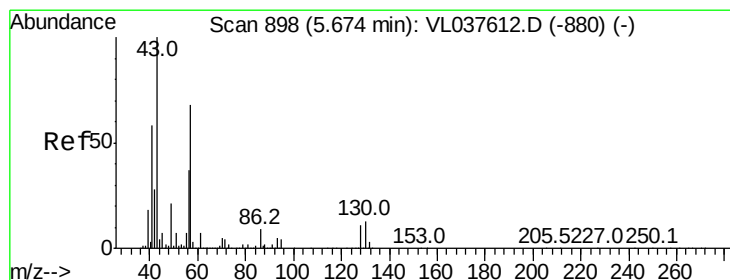
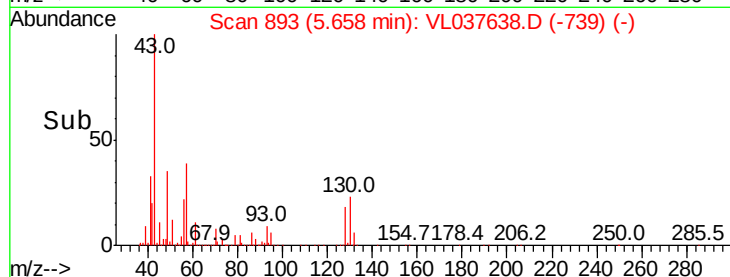
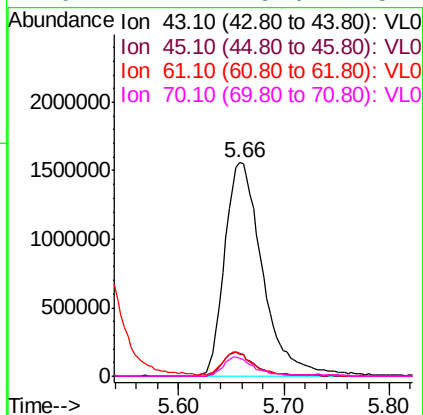
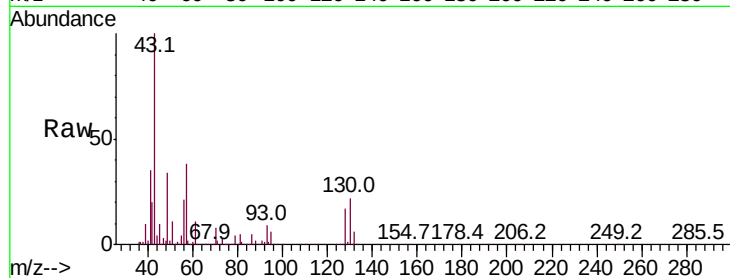




#25
Ethyl Acetate
Concen: 10.589 ppbv
RT: 5.66 min Scan# 893
Delta R.T. -0.01 min
Lab File: VL037638.D
Acq: 17 Sep 2021 12:08

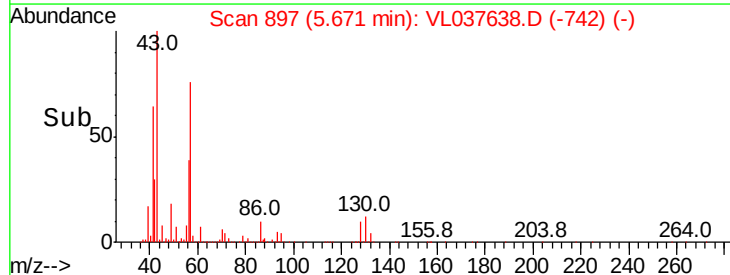
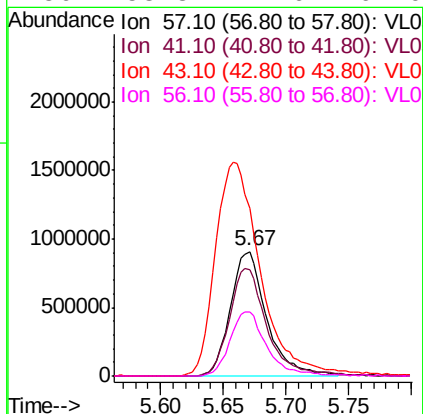
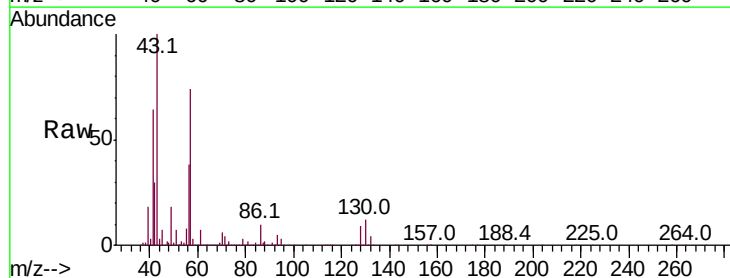
Instrument :
MSVOA_L
ClientSampled :

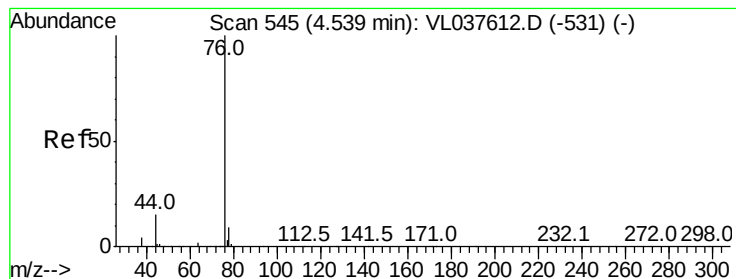
Tot Ion: 43 Resp: 3849854
Ion Ratio Lower Upper
43 100
45 10.1 8.0 12.0
61 10.1 7.5 11.3
70 7.4 5.6 8.4



#26
Hexane
Concen: 10.532 ppbv
RT: 5.67 min Scan# 897
Delta R.T. -0.00 min
Lab File: VL037638.D
Acq: 17 Sep 2021 12:08

Tgt Ion: 57 Resp: 1818889
Ion Ratio Lower Upper
57 100
41 90.0 70.9 106.3
43 214.5 170.4 255.6
56 53.3 42.6 64.0





#27

Carbon Disulfide

Concen: 11.192 ppbv

RT: 4.53 min Scan# 543

Delta R.T. -0.01 min

Lab File: VL037638.D

Acq: 17 Sep 2021 12:08

Instrument :

MSVOA_L

ClientSampleId :

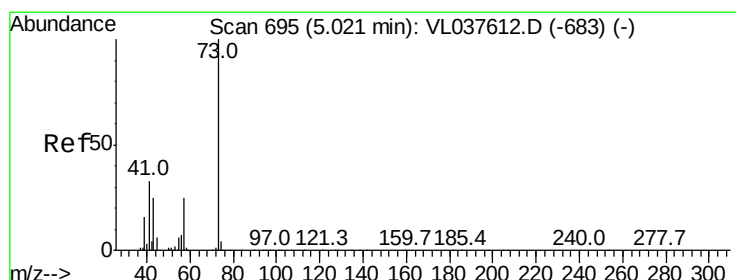
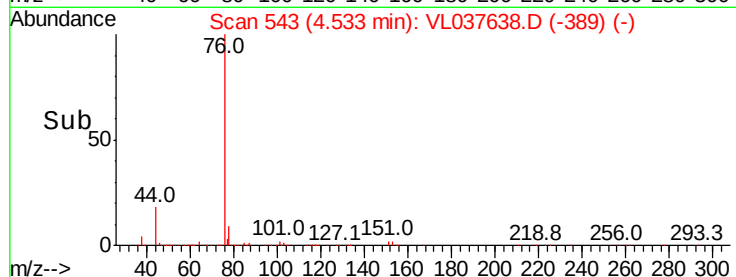
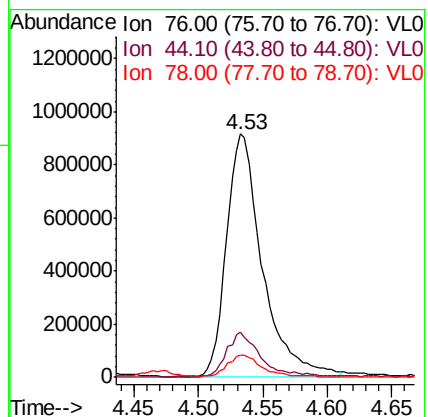
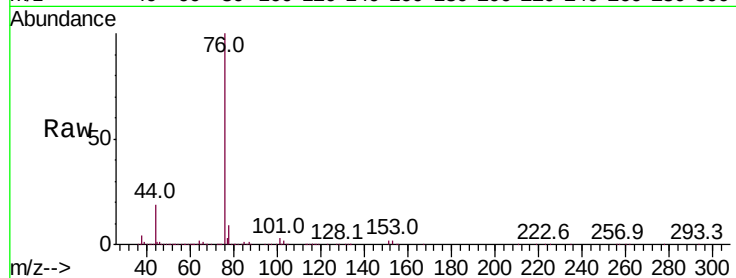
Tot Ion: 76 Resp: 1768173

Ion Ratio Lower Upper

76 100

44 17.5 14.2 21.2

78 9.4 7.4 11.0



#28

Methyl tert-Butyl Ether

Concen: 10.009 ppbv

RT: 5.01 min Scan# 693

Delta R.T. -0.01 min

Lab File: VL037638.D

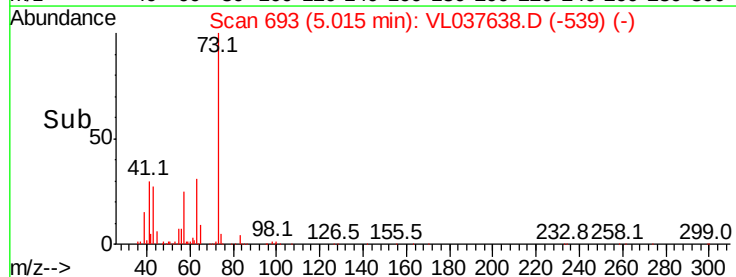
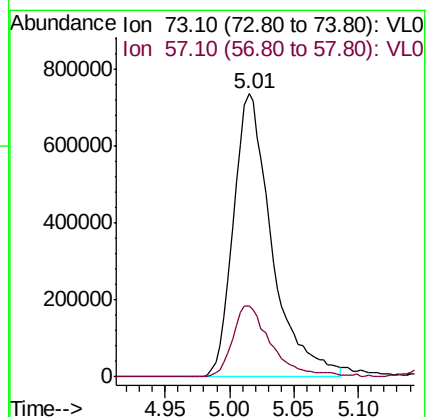
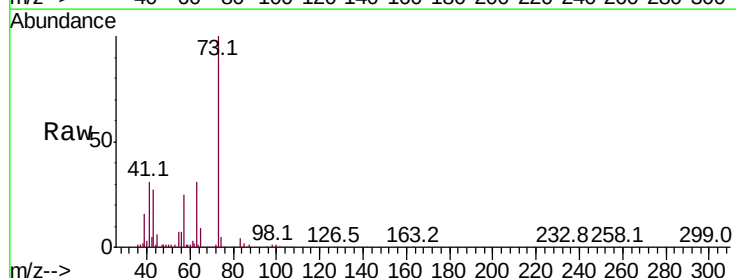
Acq: 17 Sep 2021 12:08

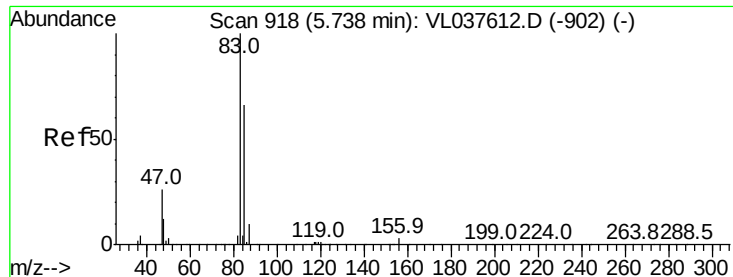
Tgt Ion: 73 Resp: 1522567

Ion Ratio Lower Upper

73 100

57 25.6 20.1 30.1

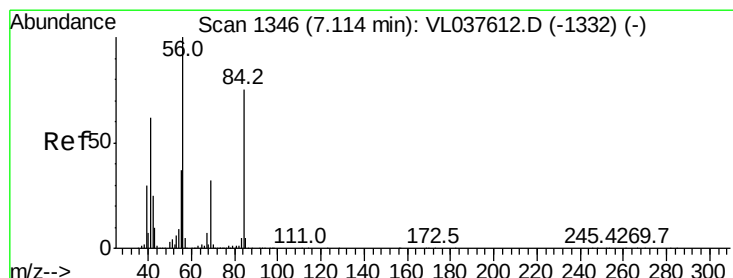
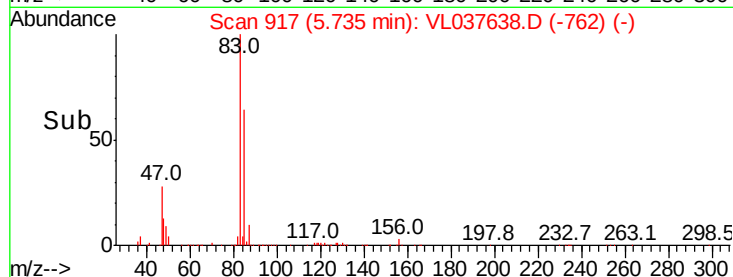
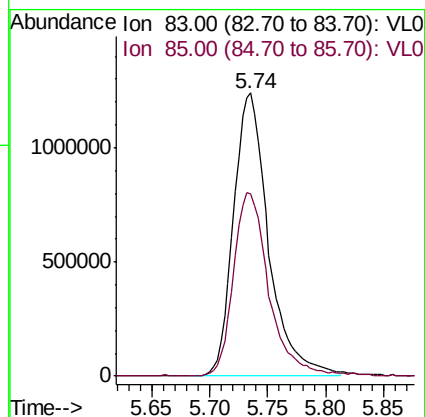
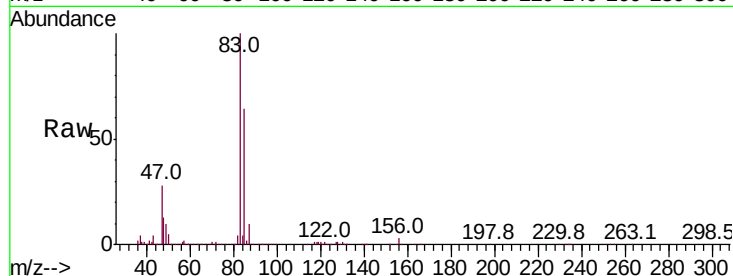




#29
Chloroform
Concen: 10.310 ppbv
RT: 5.74 min Scan# 917
Delta R.T. -0.00 min
Lab File: VL037638.D
Acq: 17 Sep 2021 12:08

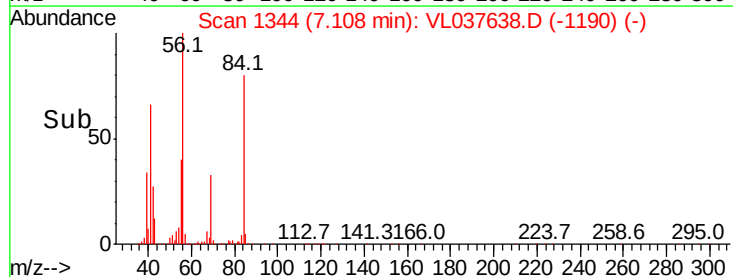
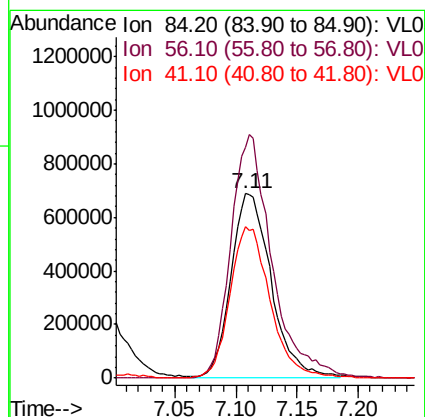
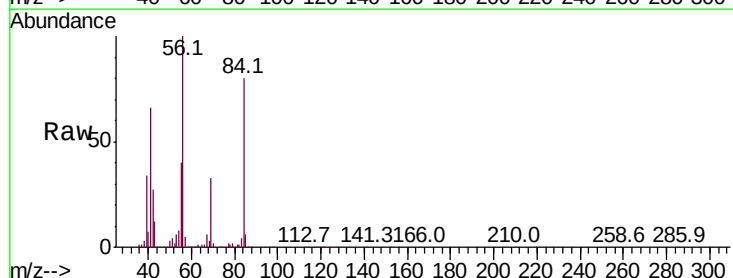
Instrument :
MSVOA_L
ClientSampled :

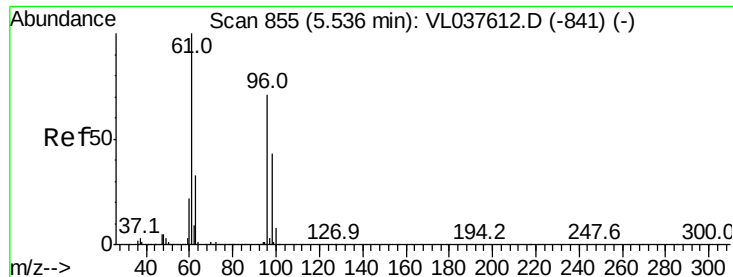
Tot Ion: 83 Resp: 2600027
Ion Ratio Lower Upper
83 100
85 64.1 52.6 79.0



#30
Cyclohexane
Concen: 10.664 ppbv
RT: 7.11 min Scan# 1344
Delta R.T. -0.01 min
Lab File: VL037638.D
Acq: 17 Sep 2021 12:08

Tgt Ion: 84 Resp: 1575070
Ion Ratio Lower Upper
84 100
56 135.6 113.6 170.4
41 82.0 67.9 101.9





#31

cis-1,2-Dichloroethene

Concen: 11.117 ppbv

RT: 5.53 min Scan# 853

Delta R.T. -0.01 min

Lab File: VL037638.D

Acq: 17 Sep 2021 12:08

Instrument :

MSVOA_L

ClientSampled :

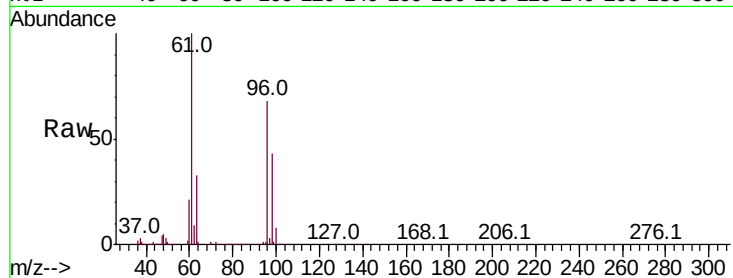
Tot Ion: 61 Resp: 1742915

Ion Ratio Lower Upper

61 100

96 68.3 56.7 85.1

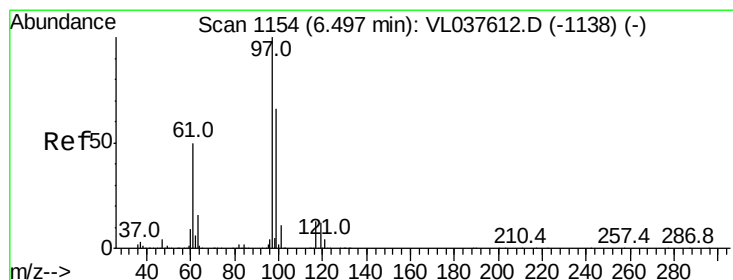
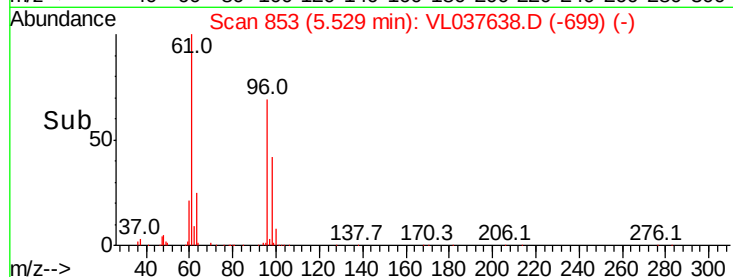
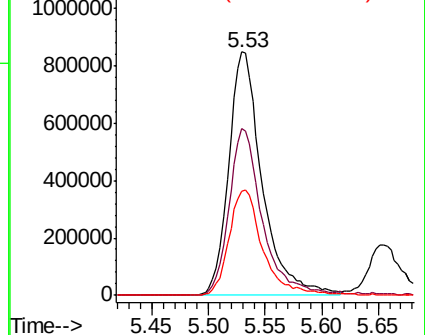
98 42.5 34.6 52.0



Abundance Ion 61.10 (60.80 to 61.80): VL0

Ion 96.00 (95.70 to 96.70): VL0

Ion 98.00 (97.70 to 98.70): VL0



#32

1,1,1-Trichloroethane

Concen: 10.650 ppbv

RT: 6.49 min Scan# 1152

Delta R.T. -0.01 min

Lab File: VL037638.D

Acq: 17 Sep 2021 12:08

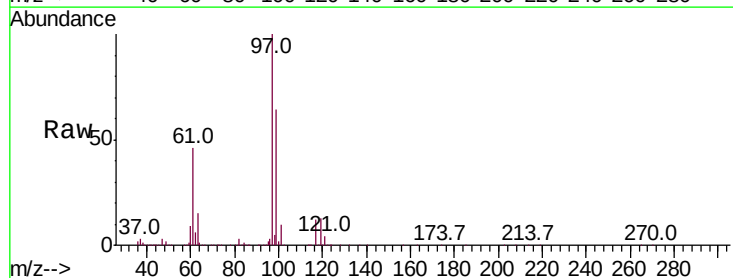
Tgt Ion: 97 Resp: 2500380

Ion Ratio Lower Upper

97 100

99 65.4 52.3 78.5

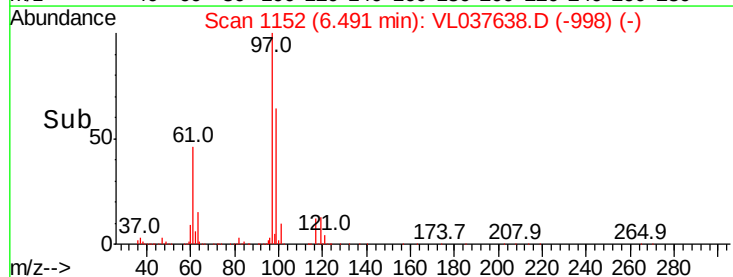
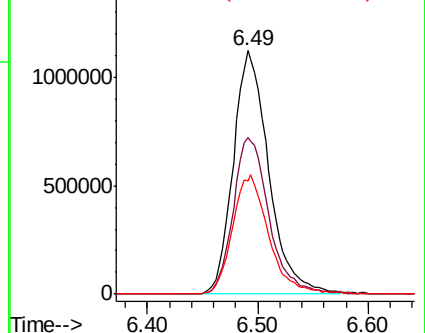
61 50.3 39.5 59.3

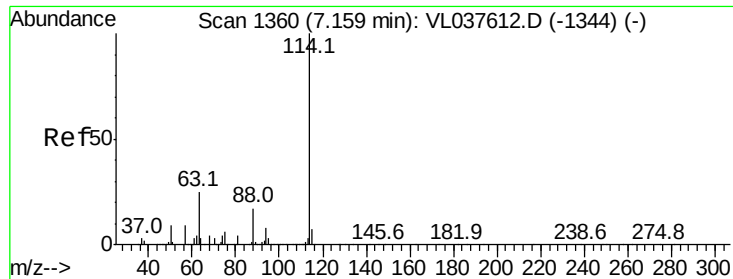


Abundance Ion 97.00 (96.70 to 97.70): VL0

Ion 99.00 (98.70 to 99.70): VL0

Ion 61.10 (60.80 to 61.80): VL0





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.16 min Scan# 1359

Delta R.T. -0.00 min

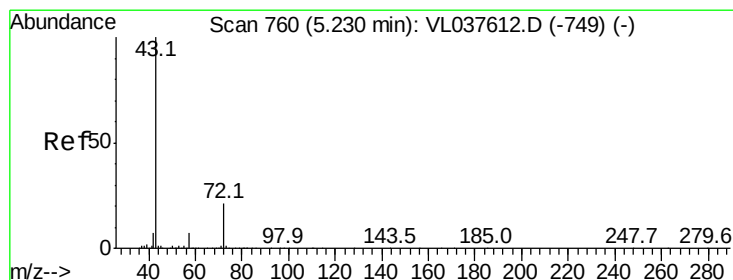
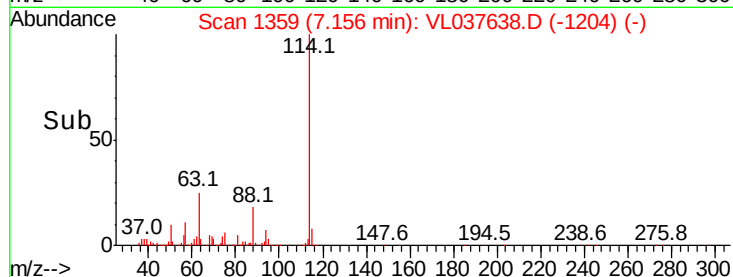
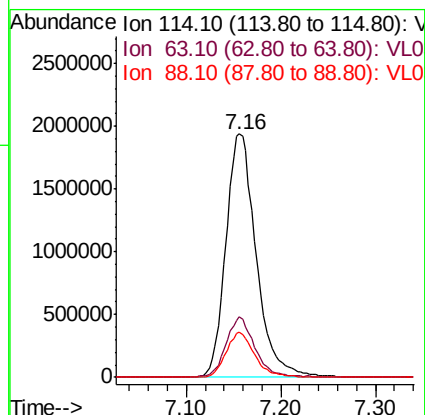
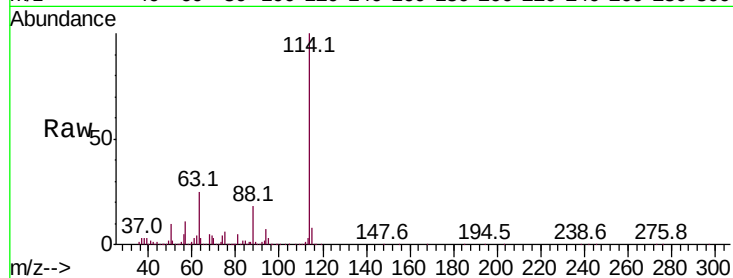
Lab File: VL037638.D

Acq: 17 Sep 2021 12:08

Instrument :
MSVOA_L
ClientSampleId :

Tot Ion:114 Resp: 4320009

Ion	Ratio	Lower	Upper
114	100		
63	24.0	19.6	29.4
88	17.6	14.2	21.4



#34

2-Butanone

Concen: 9.431 ppbv

RT: 5.23 min Scan# 759

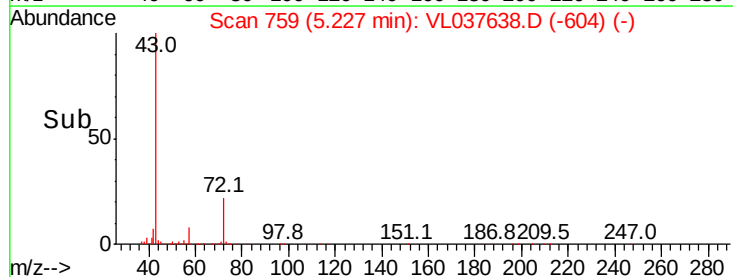
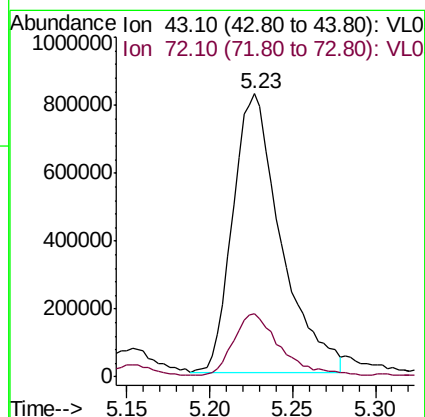
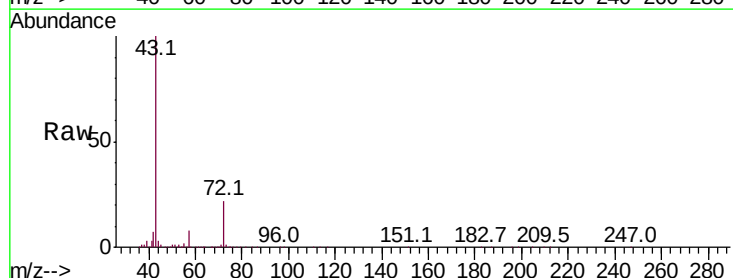
Delta R.T. -0.00 min

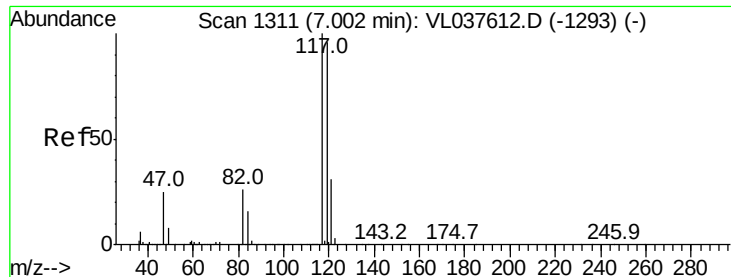
Lab File: VL037638.D

Acq: 17 Sep 2021 12:08

Tgt Ion: 43 Resp: 1655691

Ion	Ratio	Lower	Upper
43	100		
72	23.5	18.4	27.6





#35

Carbon Tetrachloride

Concen: 10.700 ppbv

RT: 7.00 min Scan# 1310

Delta R.T. -0.00 min

Lab File: VL037638.D

Acq: 17 Sep 2021 12:08

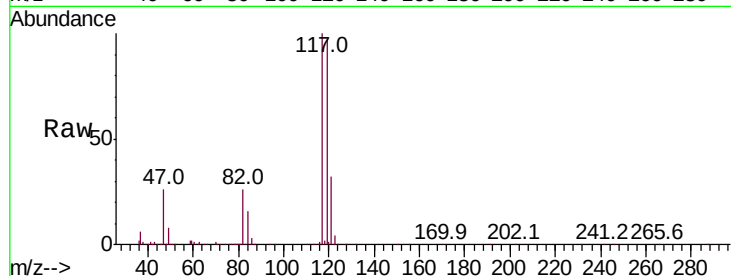
Instrument :

MSVOA_L

ClientSampleId :

Tot Ion:117 Resp: 2614637

Ion	Ratio	Lower	Upper
117	100		
119	96.6	77.0	115.6
121	31.7	24.5	36.7

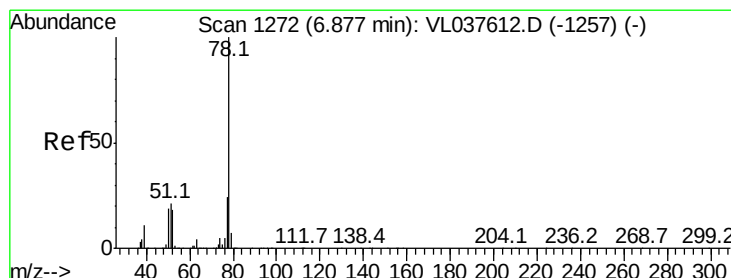
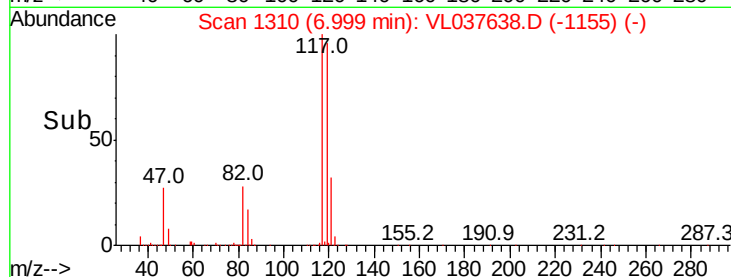
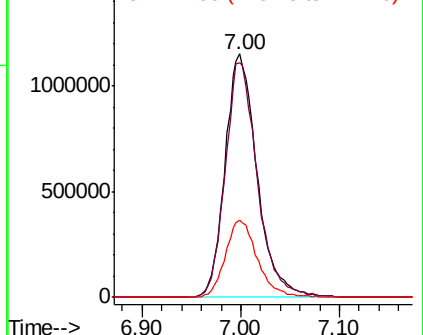


Abundance

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: 10.539 ppbv

RT: 6.87 min Scan# 1270

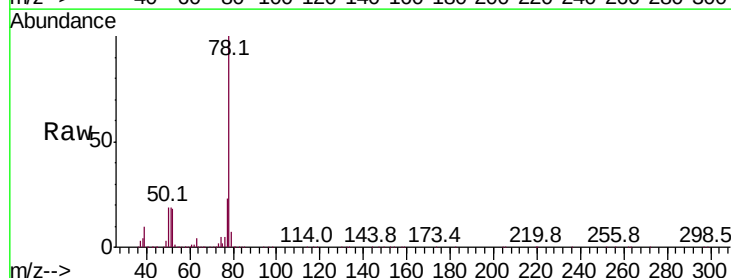
Delta R.T. -0.01 min

Lab File: VL037638.D

Acq: 17 Sep 2021 12:08

Tgt Ion: 78 Resp: 3796502

Ion	Ratio	Lower	Upper
78	100		
77	23.1	19.0	28.4
50	18.5	14.8	22.2

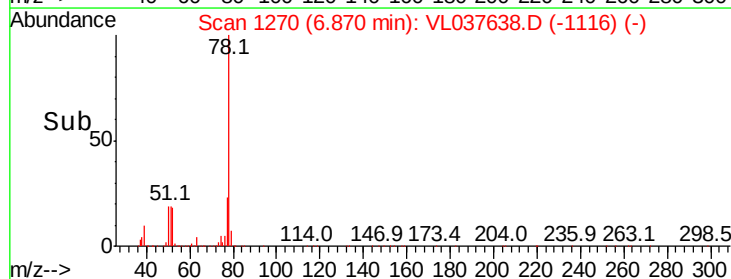
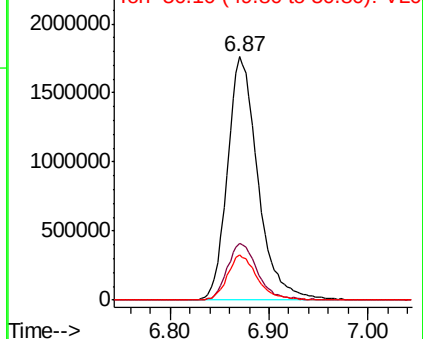


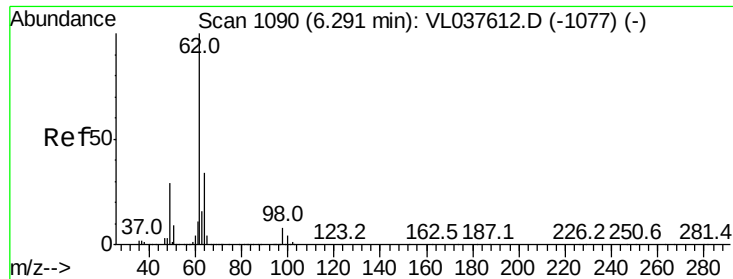
Abundance

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

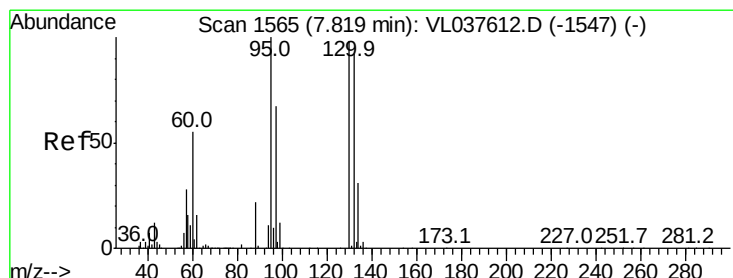
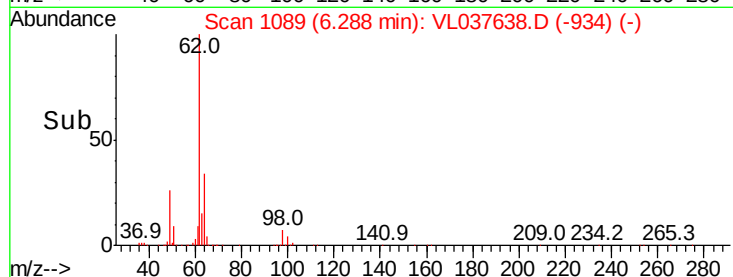
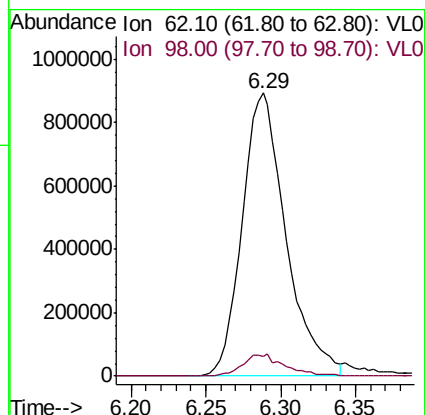
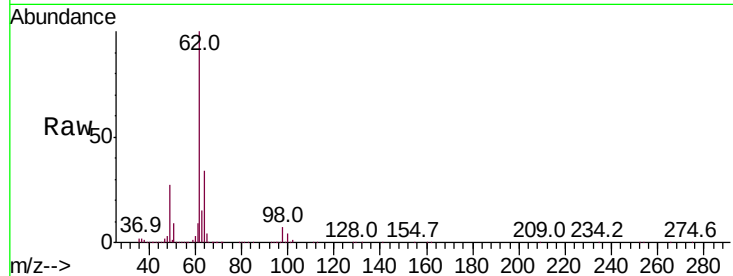




#37
1,2-Dichloroethane
Concen: 10.300 ppbv
RT: 6.29 min Scan# 1089
Delta R.T. -0.00 min
Lab File: VL037638.D
Acq: 17 Sep 2021 12:08

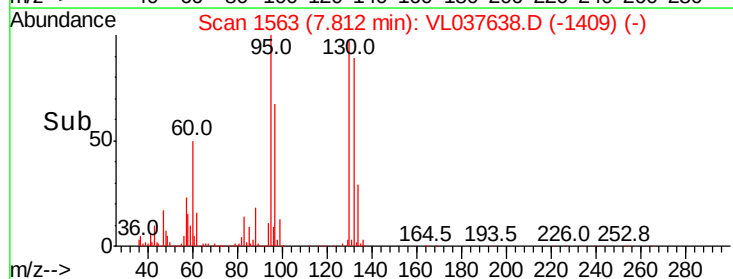
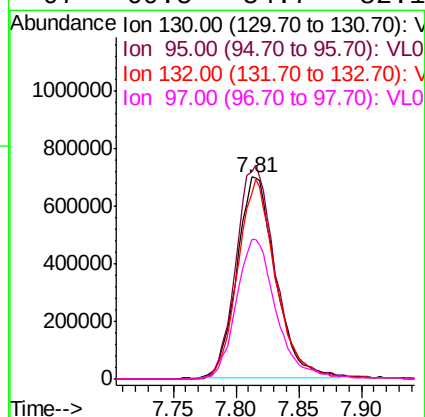
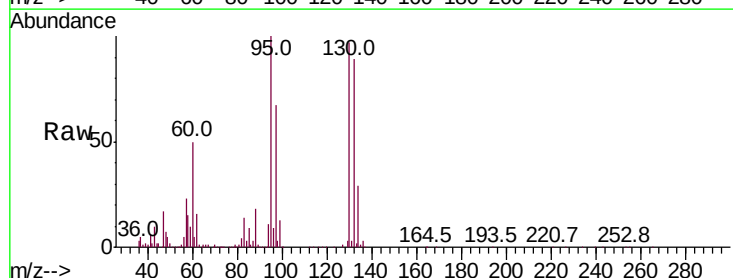
Instrument :
MSVOA_L
ClientSampleId :

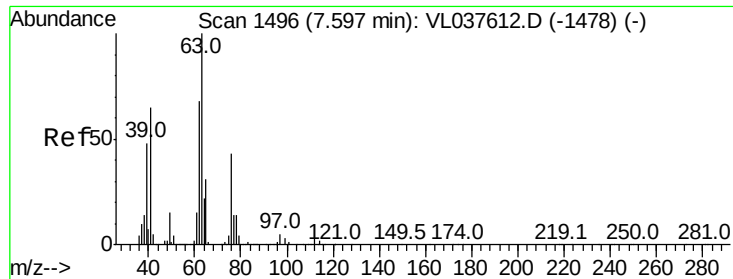
Tot Ion: 62 Resp: 1824882
Ion Ratio Lower Upper
62 100
98 7.5 6.1 9.1



#38
Trichloroethene
Concen: 9.974 ppbv
RT: 7.81 min Scan# 1563
Delta R.T. -0.01 min
Lab File: VL037638.D
Acq: 17 Sep 2021 12:08

Tgt Ion:130 Resp: 1500927
Ion Ratio Lower Upper
130 100
95 103.3 81.8 122.6
132 91.9 75.3 112.9
97 69.5 54.7 82.1



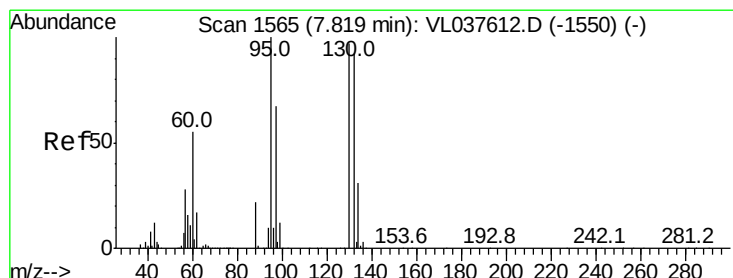
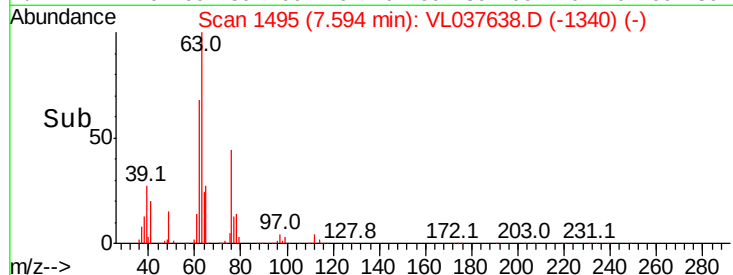
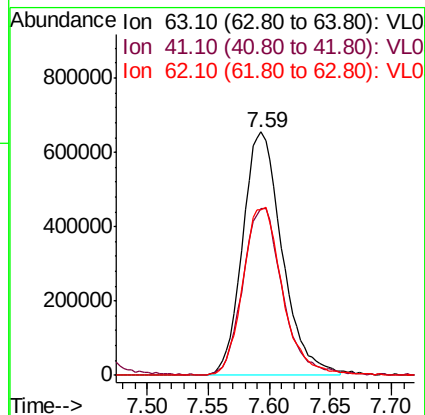
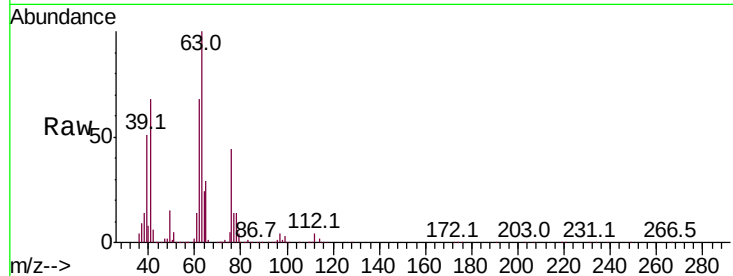


#39
 1,2-Dichloropropane
 Concen: 10.599 ppbv
 RT: 7.59 min Scan# 1495
 Delta R.T. -0.00 min
 Lab File: VL037638.D
 Acq: 17 Sep 2021 12:08

Instrument :
 MSVOA_L
 ClientSampleId :

Tot Ion: 63 Resp: 1462378

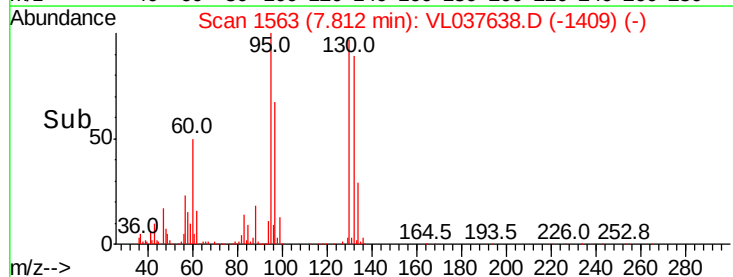
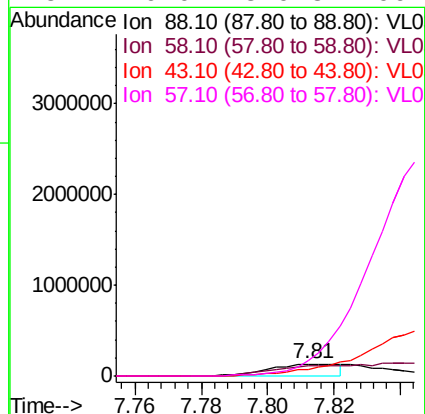
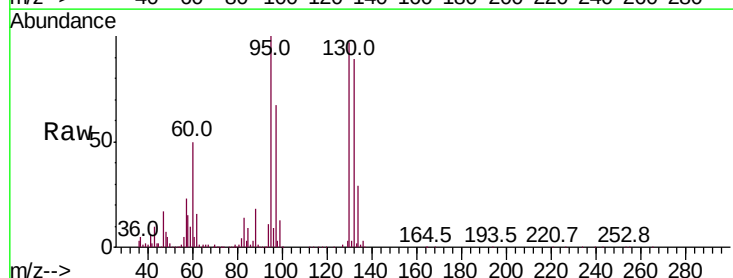
Ion	Ratio	Lower	Upper
63	100		
41	67.9	51.6	77.4
62	67.7	54.6	81.8

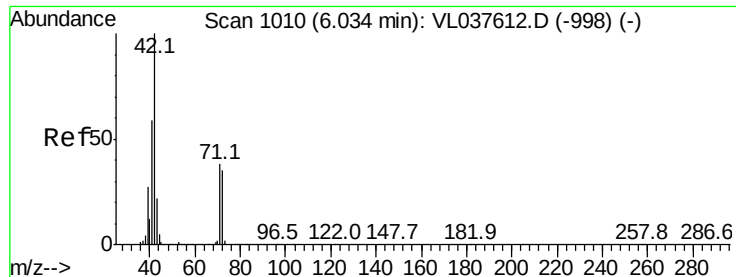


#40
 1,4-Dioxane
 Concen: 5.664 ppbv
 RT: 7.81 min Scan# 1563
 Delta R.T. -0.01 min
 Lab File: VL037638.D
 Acq: 17 Sep 2021 12:08

Tgt Ion: 88 Resp: 190108

Ion	Ratio	Lower	Upper
88	100		
58	0.0	122.4	183.6#
43	0.0	297.4	446.0#
57	0.0	1329.8	1994.8#

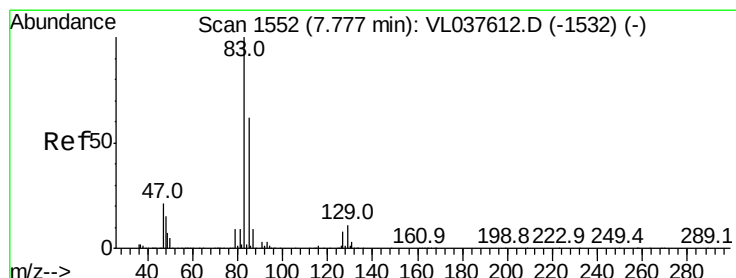
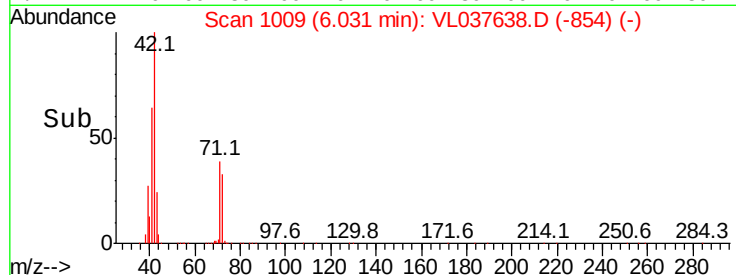
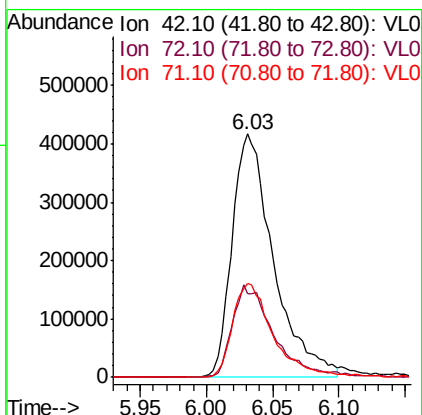
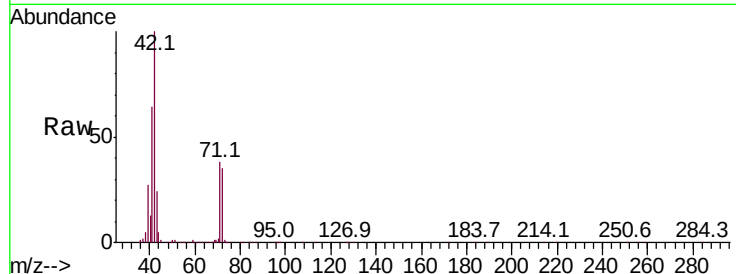




#41
Tetrahydrofuran
Concen: 11.000 ppbv
RT: 6.03 min Scan# 1009
Delta R.T. -0.00 min
Lab File: VL037638.D
Acq: 17 Sep 2021 12:08

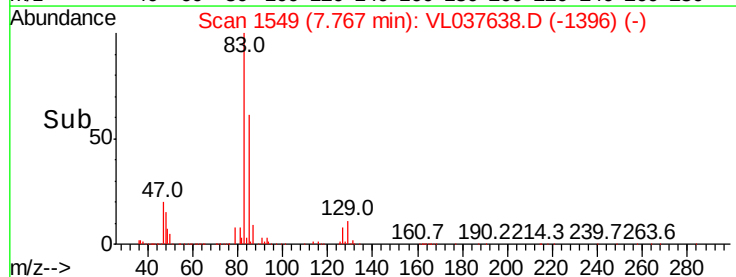
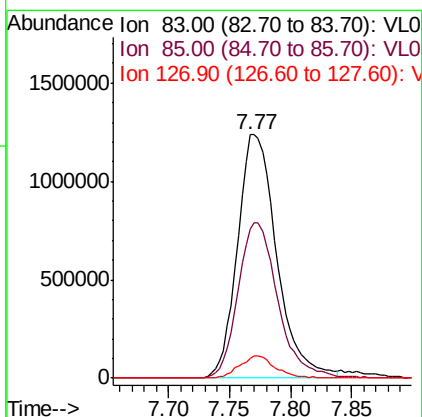
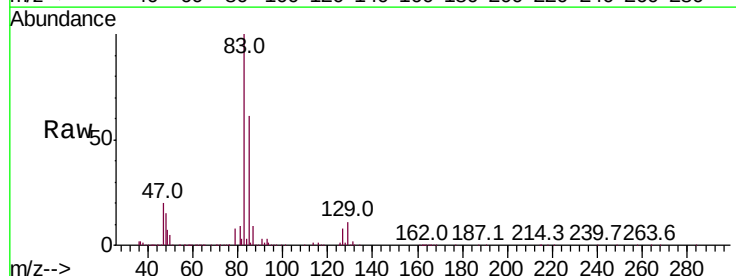
Instrument :
MSVOA_L
ClientSampleId :

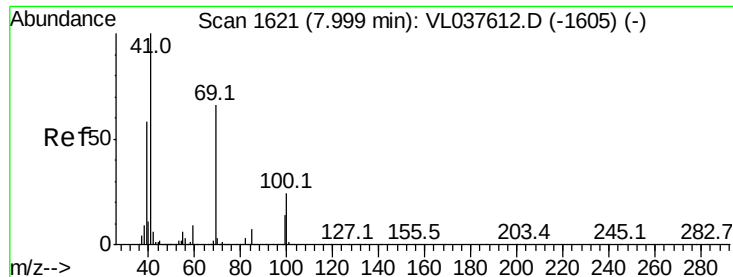
Tot Ion: 42 Resp: 907796
Ion Ratio Lower Upper
42 100
72 38.2 31.4 47.2
71 38.3 30.6 46.0



#42
Bromodichloromethane
Concen: 10.852 ppbv
RT: 7.77 min Scan# 1549
Delta R.T. -0.01 min
Lab File: VL037638.D
Acq: 17 Sep 2021 12:08

Tgt Ion: 83 Resp: 2755549
Ion Ratio Lower Upper
83 100
85 61.1 49.8 74.6
127 8.1 6.4 9.6

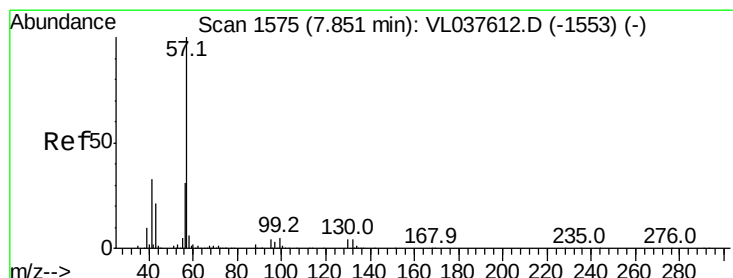
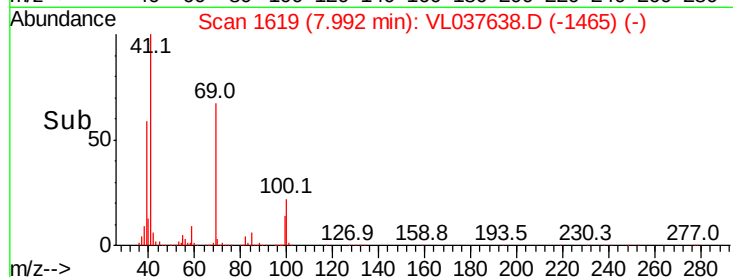
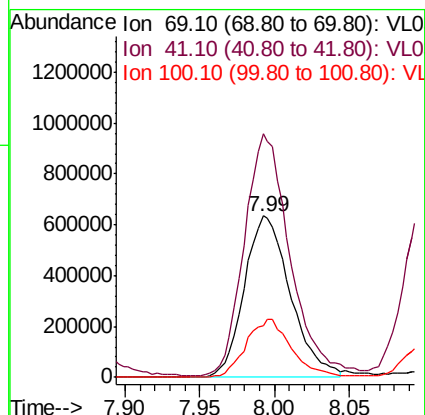
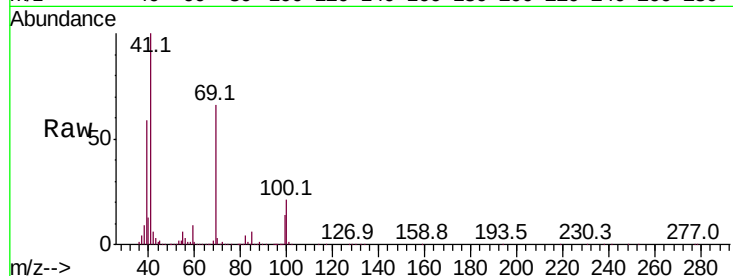




#43
Methvl Methacrylate
Concen: 11.340 ppbv
RT: 7.99 min Scan# 1619
Delta R.T. -0.01 min
Lab File: VL037638.D
Acq: 17 Sep 2021 12:08

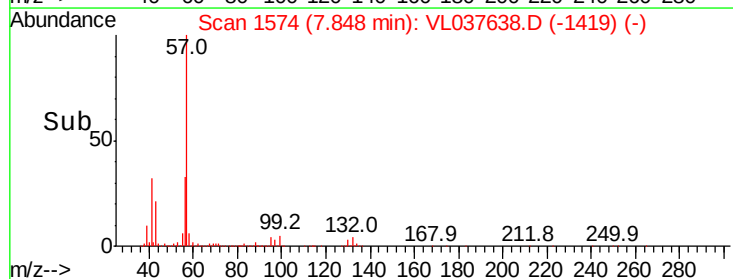
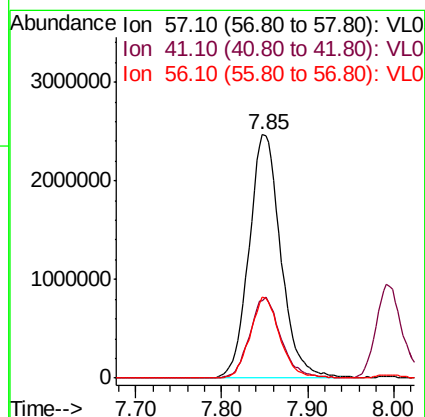
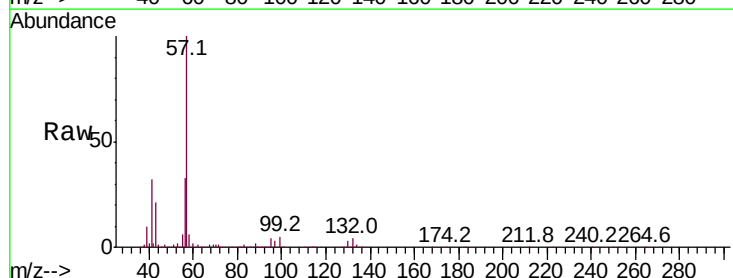
Instrument :
MSVOA_L
ClientSampleId :

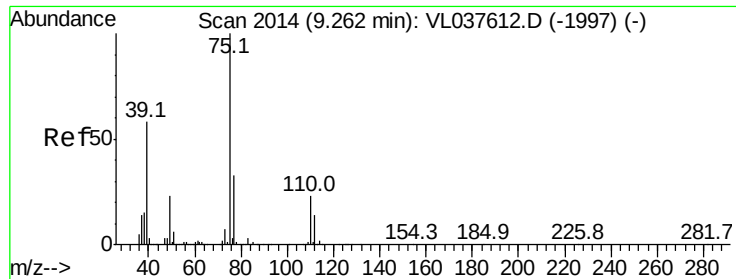
Tot Ion: 69 Resp: 1359010
Ion Ratio Lower Upper
69 100
41 151.8 119.0 178.4
100 35.6 27.6 41.4



#44
2,2,4-Trimethylpentane
Concen: 10.462 ppbv
RT: 7.85 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VL037638.D
Acq: 17 Sep 2021 12:08

Tgt Ion: 57 Resp: 6335524
Ion Ratio Lower Upper
57 100
41 32.5 26.1 39.1
56 31.5 25.7 38.5

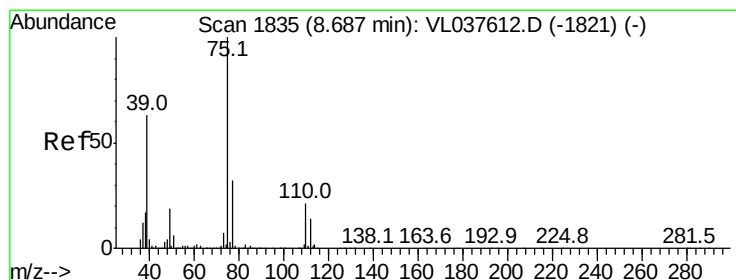
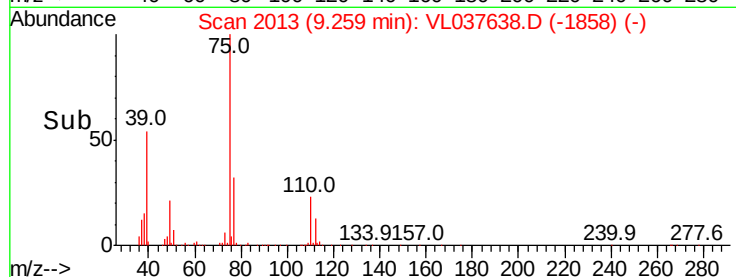
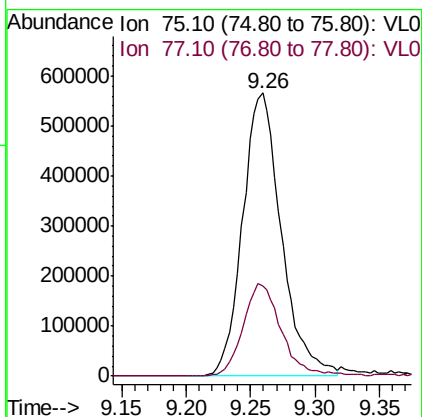
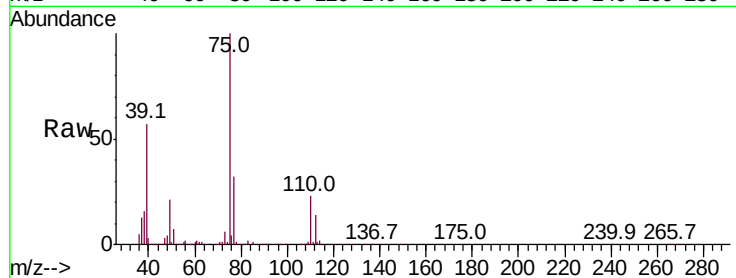




#45
 t-1,3-Dichloropropene
 Concen: 12.570 ppbv
 RT: 9.26 min Scan# 2013
 Delta R.T. -0.00 min
 Lab File: VL037638.D
 Acq: 17 Sep 2021 12:08

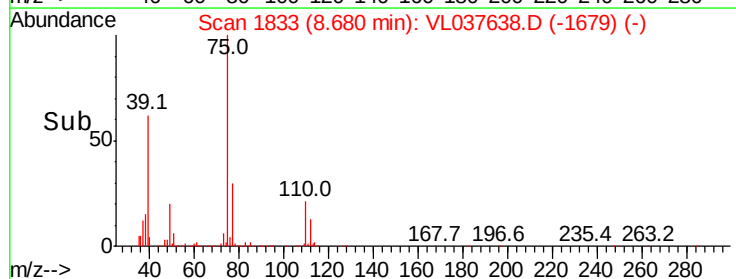
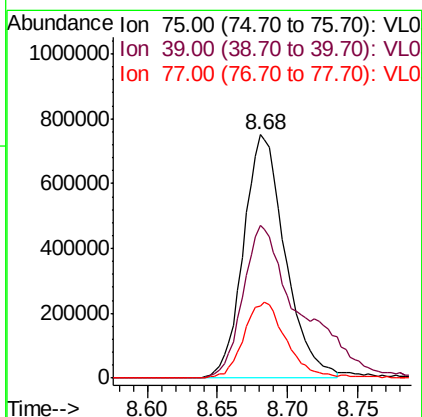
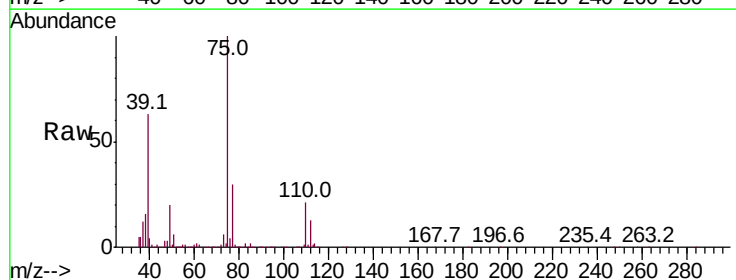
Instrument :
 MSVOA_L
 ClientSampleId :

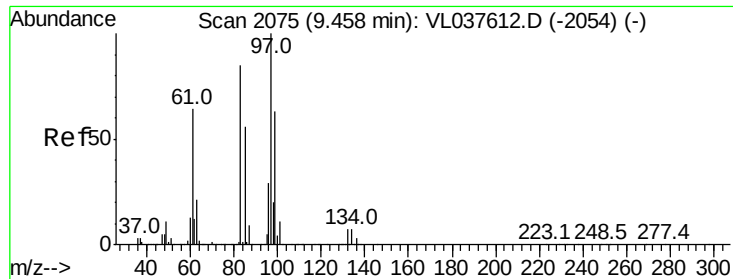
Tot Ion: 75 Resp: 1183269
 Ion Ratio Lower Upper
 75 100
 77 31.9 26.3 39.5



#46
 cis-1,3-Dichloropropene
 Concen: 12.198 ppbv
 RT: 8.68 min Scan# 1833
 Delta R.T. -0.01 min
 Lab File: VL037638.D
 Acq: 17 Sep 2021 12:08

Tgt Ion: 75 Resp: 1551079
 Ion Ratio Lower Upper
 75 100
 39 62.6 50.2 75.4
 77 29.8 25.2 37.8

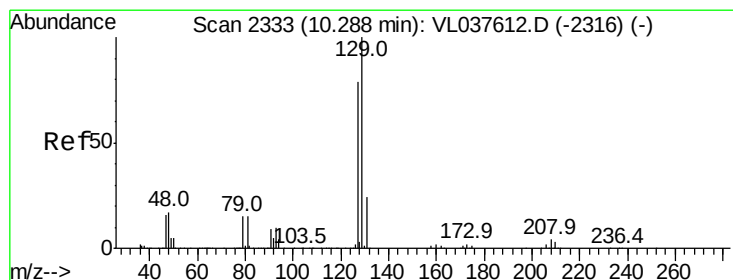
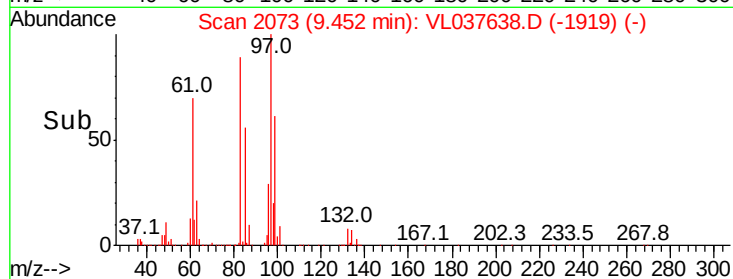
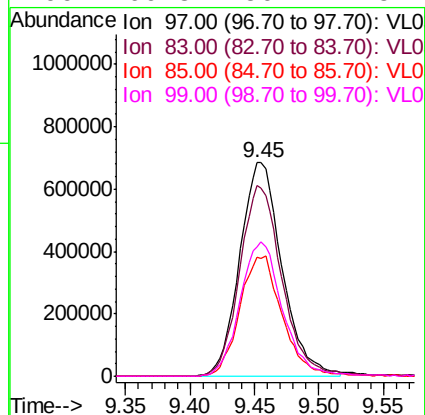
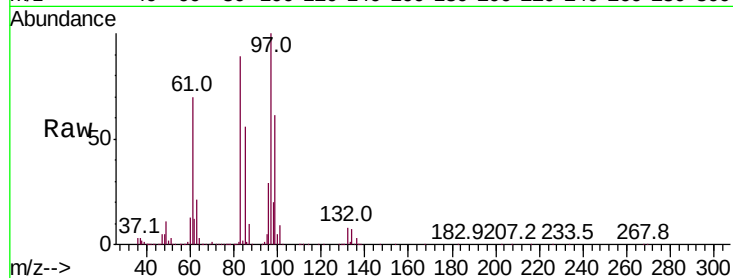




#47
 1,1,2-Trichloroethane
 Concen: 10.239 ppbv
 RT: 9.45 min Scan# 2073
 Delta R.T. -0.01 min
 Lab File: VL037638.D
 Acq: 17 Sep 2021 12:08

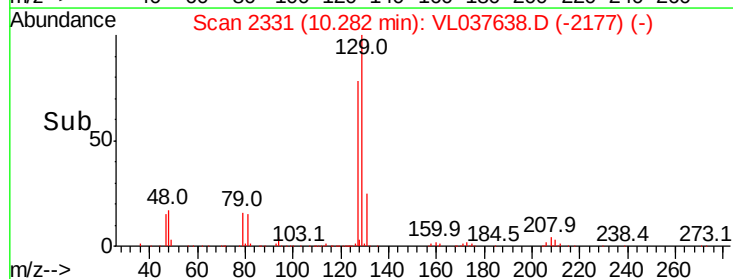
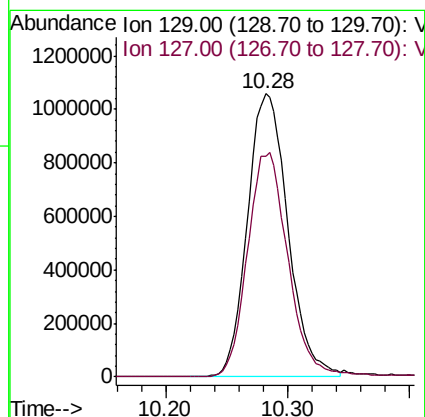
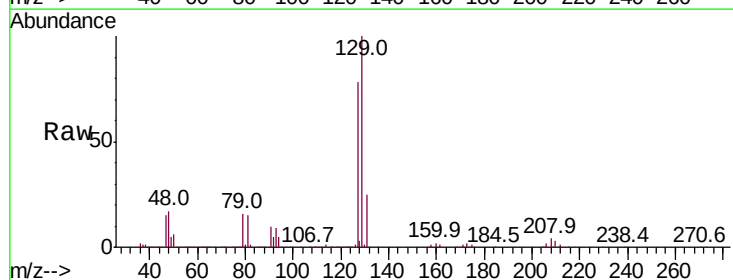
Instrument :
 MSVOA_L
 ClientSampleId :

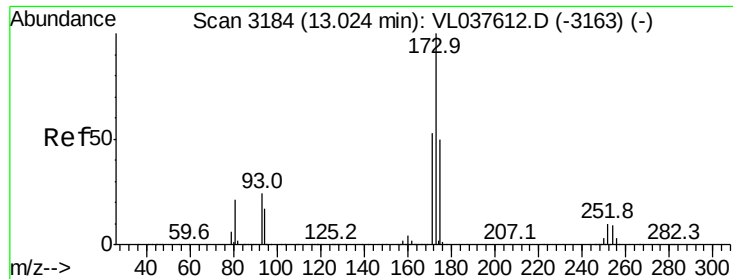
Tot Ion: 97 Resp: 1562676
 Ion Ratio Lower Upper
 97 100
 83 89.3 67.9 101.9
 85 55.6 44.8 67.2
 99 60.8 50.1 75.1



#48
 Dibromochloromethane
 Concen: 11.383 ppbv
 RT: 10.28 min Scan# 2331
 Delta R.T. -0.01 min
 Lab File: VL037638.D
 Acq: 17 Sep 2021 12:08

Tgt Ion: 129 Resp: 2423720
 Ion Ratio Lower Upper
 129 100
 127 80.4 39.3 117.8





#49

Bromoform

Concen: 11.771 ppbv

RT: 13.02 min Scan# 3183

Delta R.T. -0.00 min

Lab File: VL037638.D

Acq: 17 Sep 2021 12:08

Instrument :

MSVOA_L

ClientSampleId :

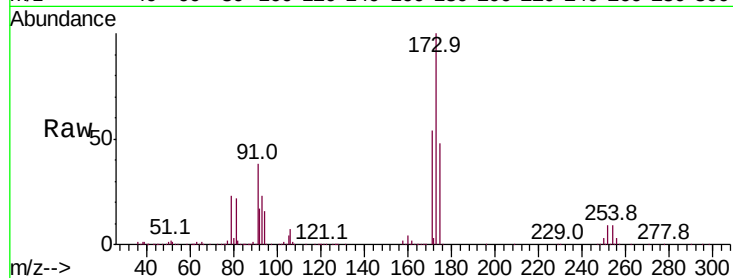
Tot Ion:173 Resp: 2005930

Ion Ratio Lower Upper

173 100

175 51.2 39.8 59.8

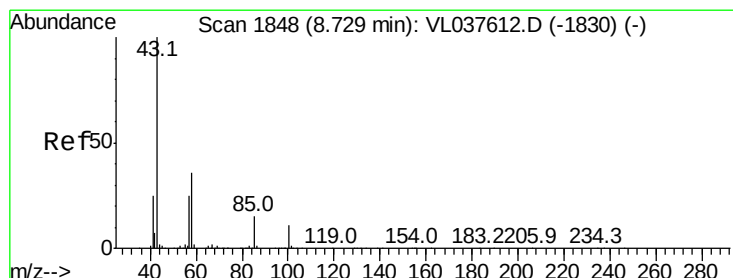
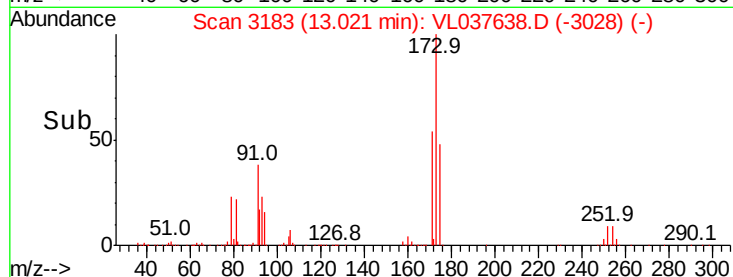
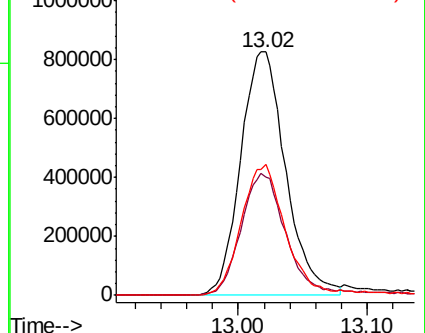
171 55.3 42.2 63.4



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: 10.973 ppbv

RT: 8.72 min Scan# 1845

Delta R.T. -0.01 min

Lab File: VL037638.D

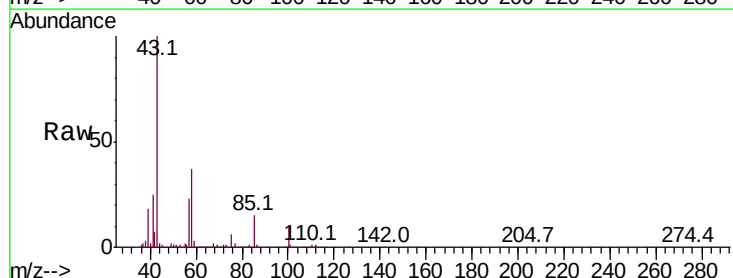
Acq: 17 Sep 2021 12:08

Tgt Ion: 43 Resp: 2445183

Ion Ratio Lower Upper

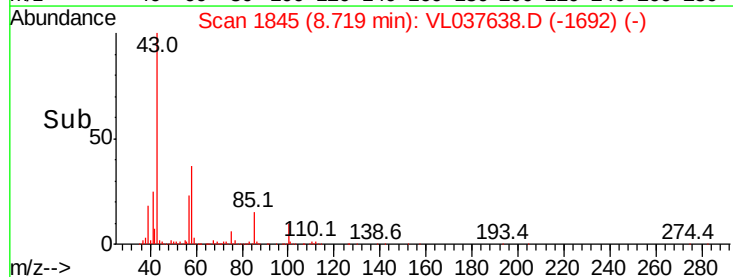
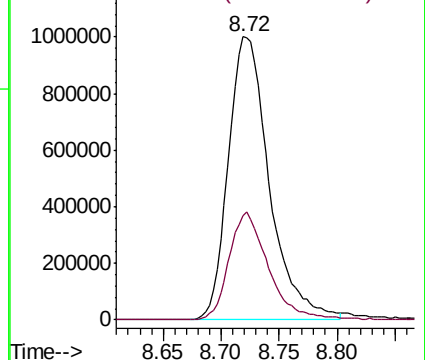
43 100

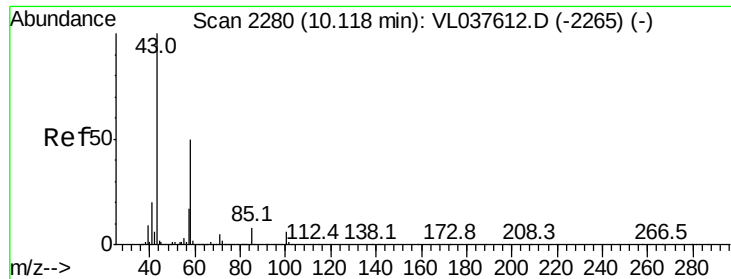
58 36.7 29.4 44.2



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

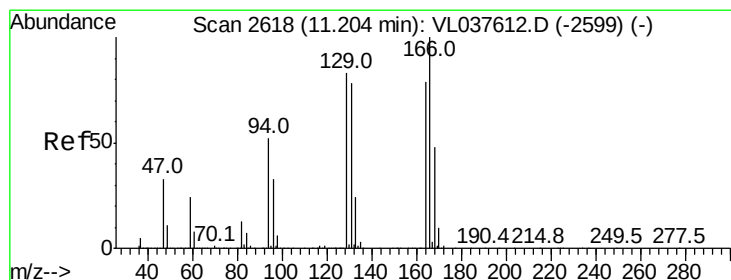
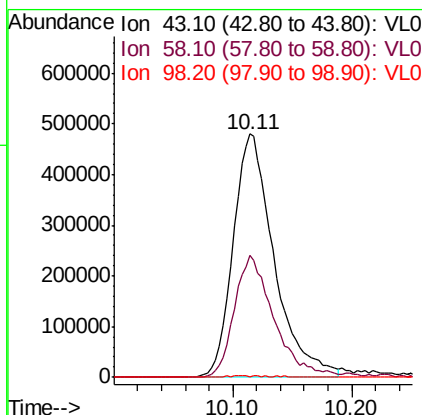
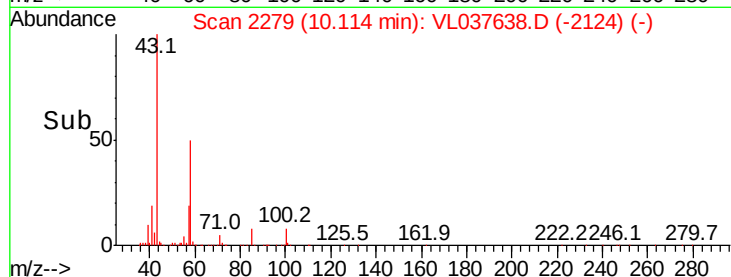
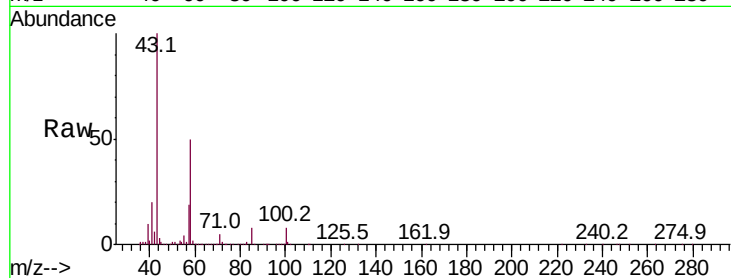




#51
2-Hexanone
Concen: 11.587 ppbv
RT: 10.11 min Scan# 2279
Delta R.T. -0.00 min
Lab File: VL037638.D
Acq: 17 Sep 2021 12:08

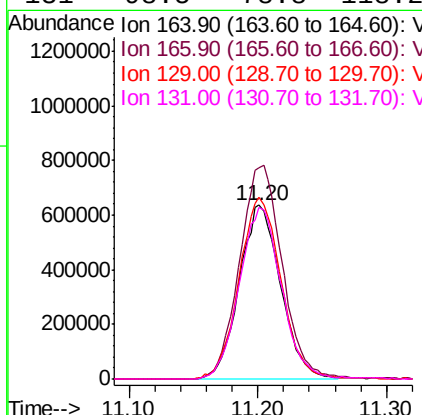
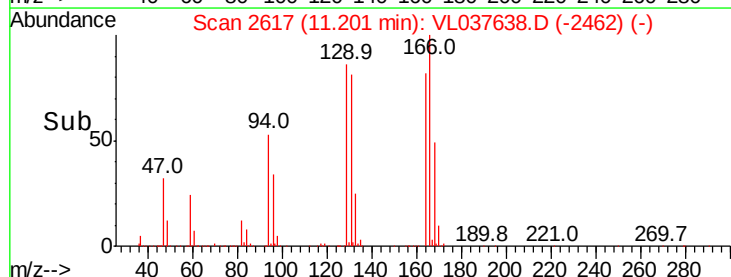
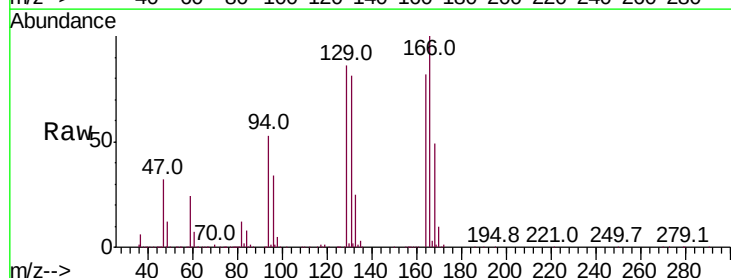
Instrument :
MSVOA_L
ClientSampleId :

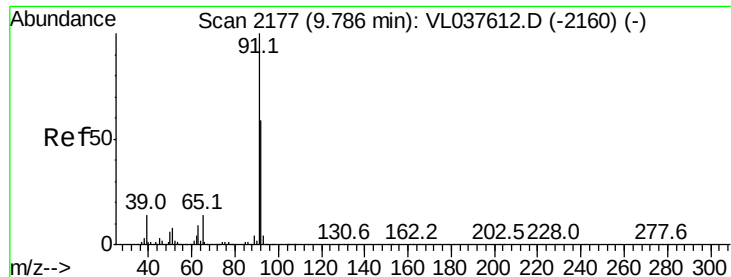
Tot Ion: 43 Resp: 1139153
Ion Ratio Lower Upper
43 100
58 49.1 39.3 58.9
98 0.6 0.4 0.6#



#52
Tetrachloroethene
Concen: 10.246 ppbv
RT: 11.20 min Scan# 2617
Delta R.T. -0.00 min
Lab File: VL037638.D
Acq: 17 Sep 2021 12:08

Tgt Ion: 164 Resp: 1416929
Ion Ratio Lower Upper
164 100
166 121.4 101.2 151.8
129 104.1 84.0 126.0
131 98.5 78.8 118.2





#53

Toluene

Concen: 11.113 ppbv

RT: 9.79 min Scan# 2177

Delta R.T. 0.00 min

Lab File: VL037638.D

Acq: 17 Sep 2021 12:08

Instrument :

MSVOA_L

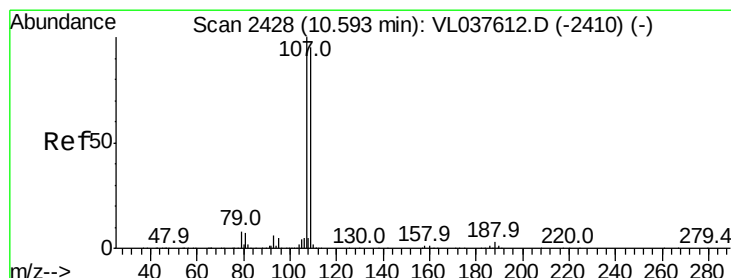
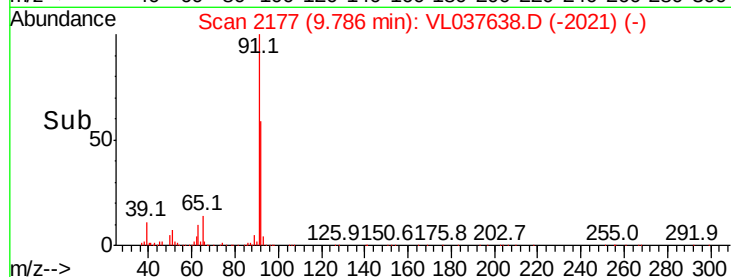
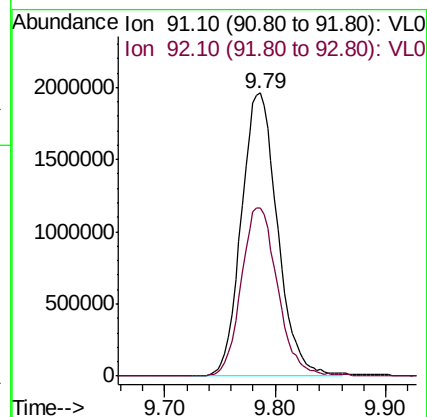
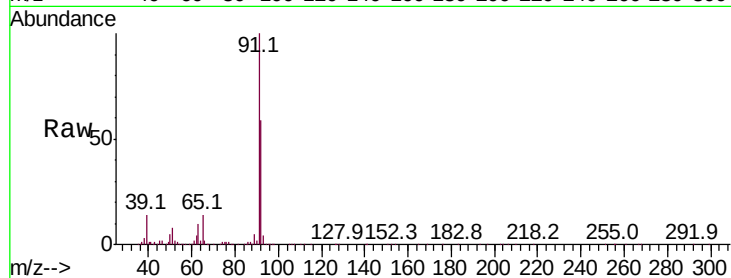
ClientSampleId :

Tot Ion: 91 Resp: 4449907

Ion Ratio Lower Upper

91 100

92 60.1 48.9 73.3



#54

1,2-Dibromoethane

Concen: 10.661 ppbv

RT: 10.59 min Scan# 2427

Delta R.T. -0.00 min

Lab File: VL037638.D

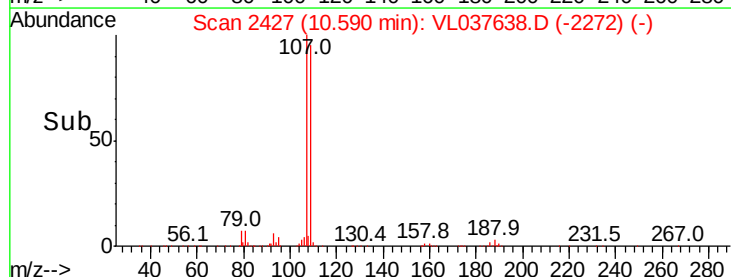
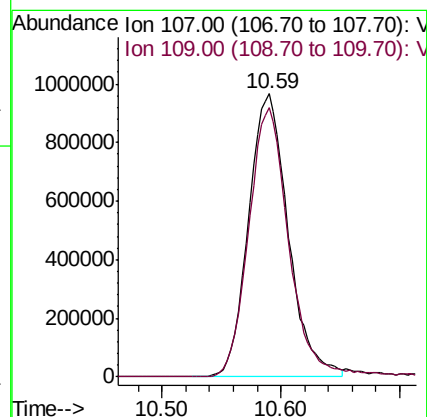
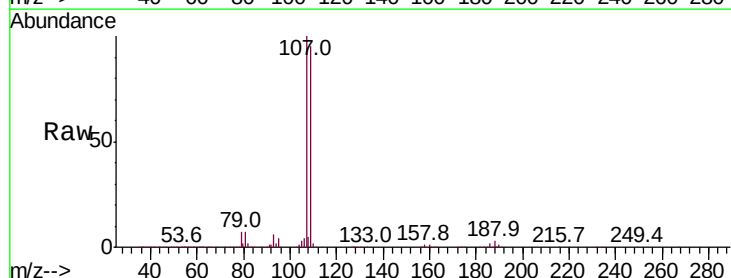
Acq: 17 Sep 2021 12:08

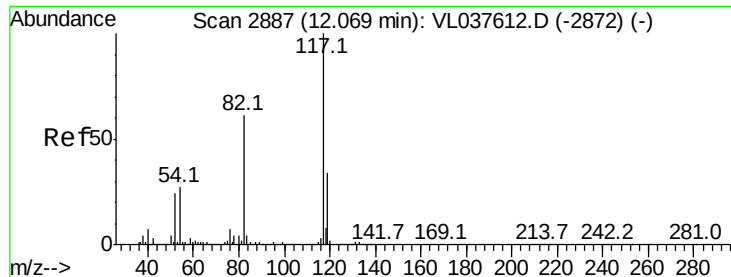
Tgt Ion: 107 Resp: 2227941

Ion Ratio Lower Upper

107 100

109 95.1 76.0 114.0

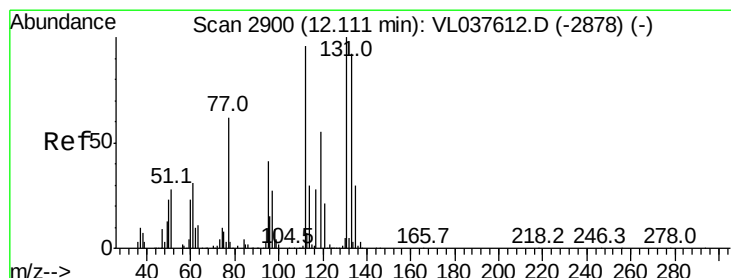
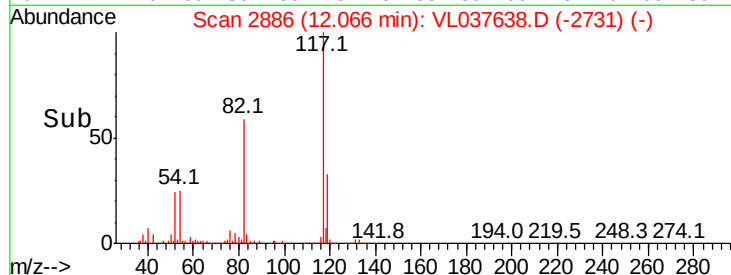
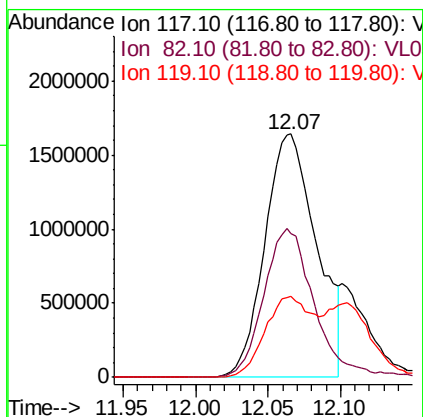
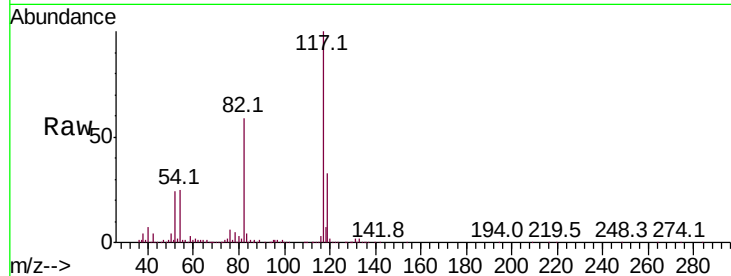




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.07 min Scan# 2886
Delta R.T. -0.00 min
Lab File: VL037638.D
Acq: 17 Sep 2021 12:08

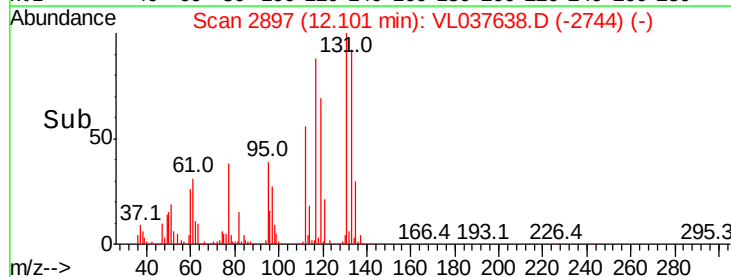
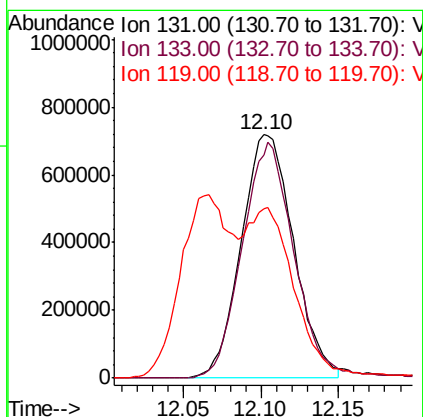
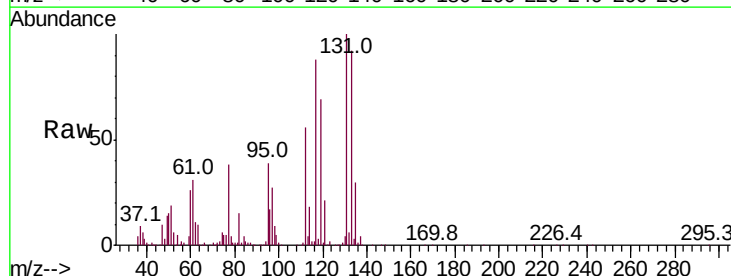
Instrument :
MSVOA_L
ClientSampled :

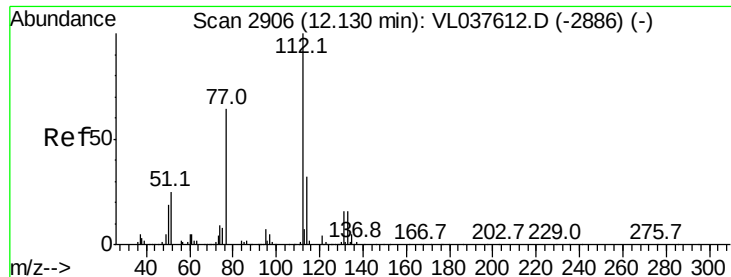
Tot Ion:117 Resp: 4074968
Ion Ratio Lower Upper
117 100
82 60.5 50.6 75.8
119 30.8 26.2 39.2



#56
1,1,1,2-Tetrachloroethane
Concen: 9.969 ppbv
RT: 12.10 min Scan# 2897
Delta R.T. -0.01 min
Lab File: VL037638.D
Acq: 17 Sep 2021 12:08

Tgt Ion:131 Resp: 1684966
Ion Ratio Lower Upper
131 100
133 98.4 76.8 115.2
119 70.8 47.8 71.8

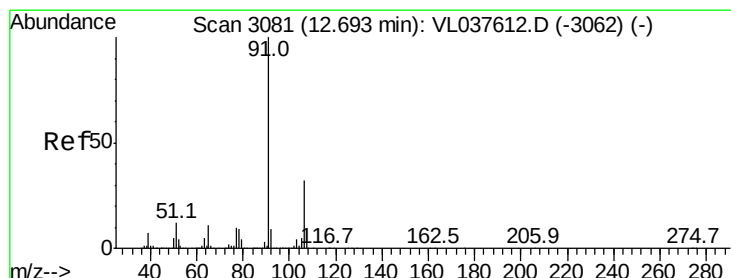
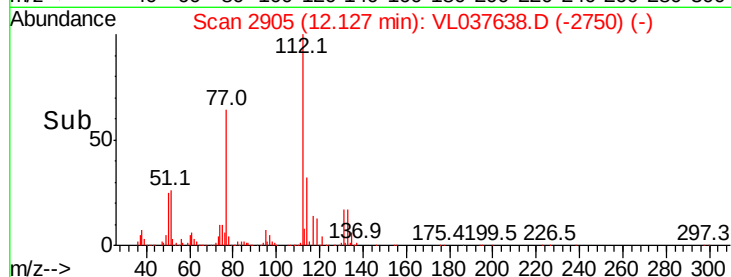
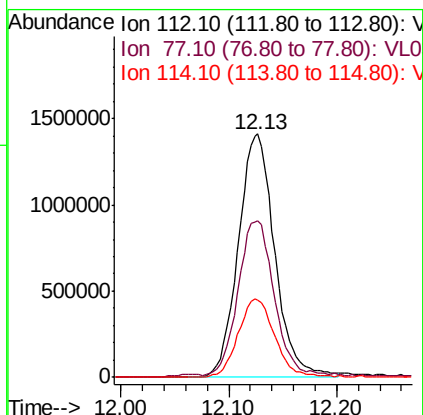
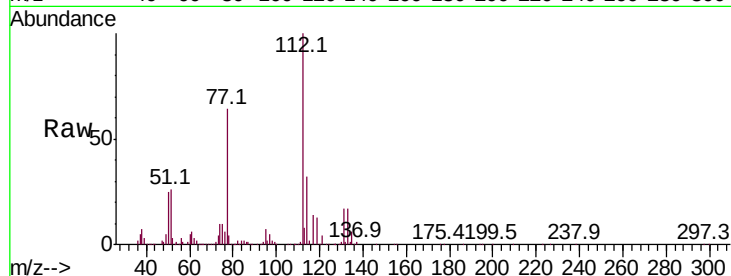




#57
Chlorobenzene
Concen: 9.765 ppbv
RT: 12.13 min Scan# 2905
Delta R.T. -0.00 min
Lab File: VL037638.D
Acq: 17 Sep 2021 12:08

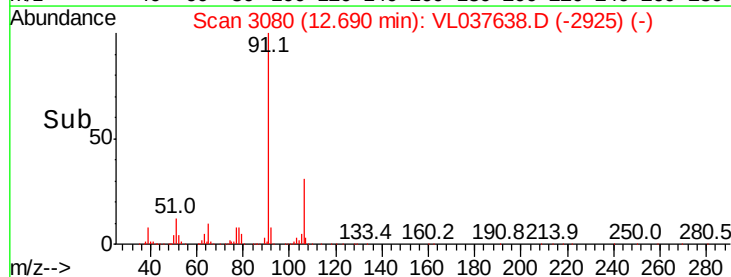
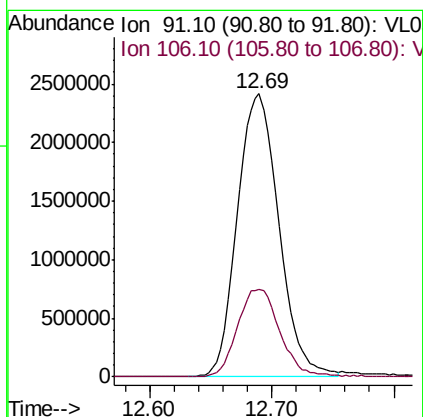
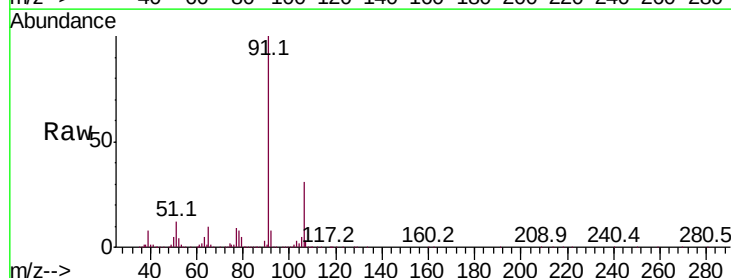
Instrument :
MSVOA_L
ClientSampleId :

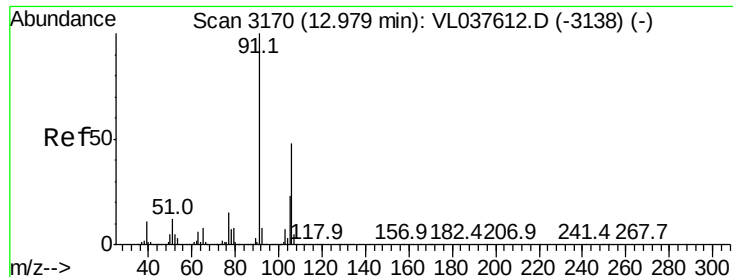
Tot Ion:112 Resp: 3308316
Ion Ratio Lower Upper
112 100
77 63.0 52.1 78.1
114 31.7 29.2 35.6



#58
Ethyl Benzene
Concen: 10.532 ppbv
RT: 12.69 min Scan# 3080
Delta R.T. -0.00 min
Lab File: VL037638.D
Acq: 17 Sep 2021 12:08

Tgt Ion: 91 Resp: 5697081
Ion Ratio Lower Upper
91 100
106 30.8 25.3 37.9





#59

m/p-Xylene

Concen: 12.109 ppbv

RT: 12.98 min Scan# 3169

Delta R.T. -0.00 min

Lab File: VL037638.D

Acq: 17 Sep 2021 12:08

Instrument :

MSVOA_L

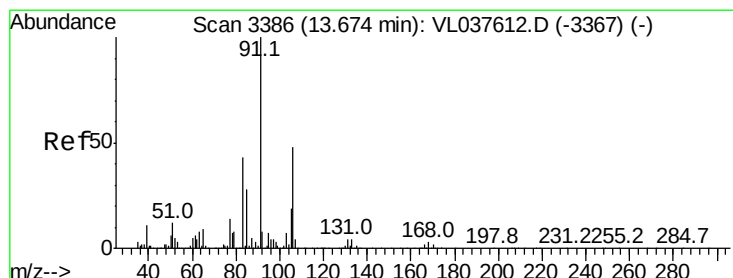
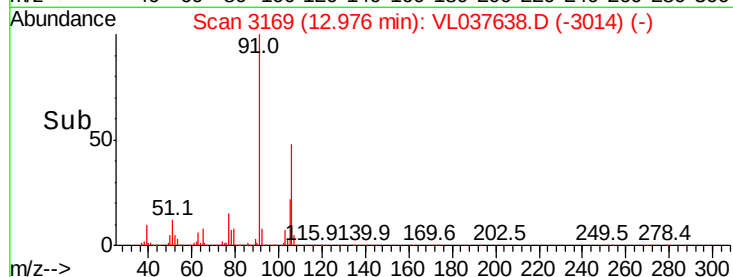
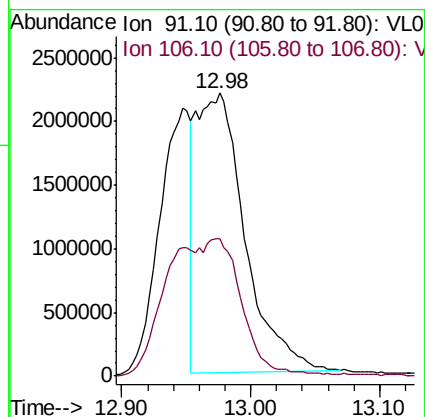
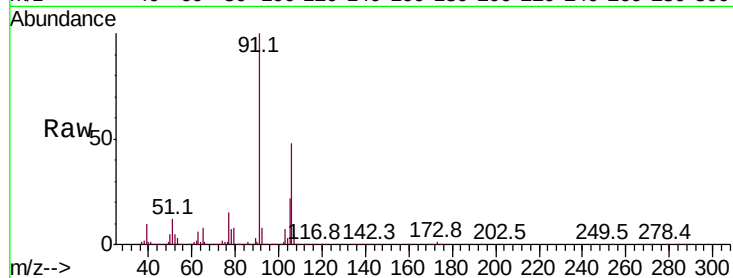
ClientSampleId :

Tot Ion: 91 Resp: 5707898

Ion Ratio Lower Upper

91 100

106 77.5 36.6 55.0#



#60

o-Xylene

Concen: 9.975 ppbv

RT: 13.67 min Scan# 3385

Delta R.T. -0.00 min

Lab File: VL037638.D

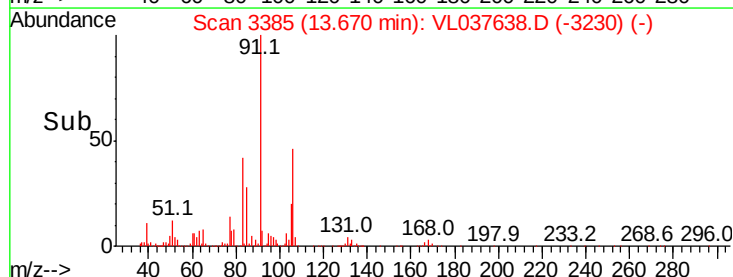
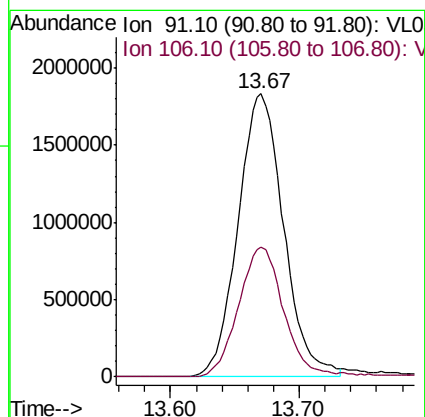
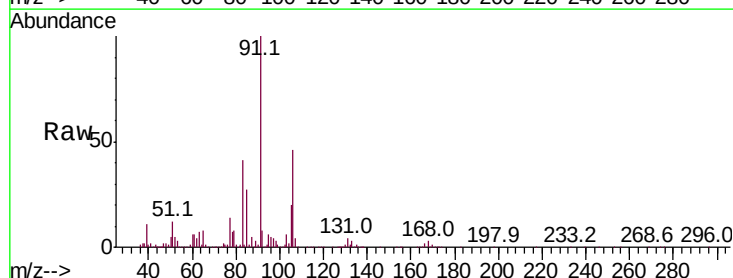
Acq: 17 Sep 2021 12:08

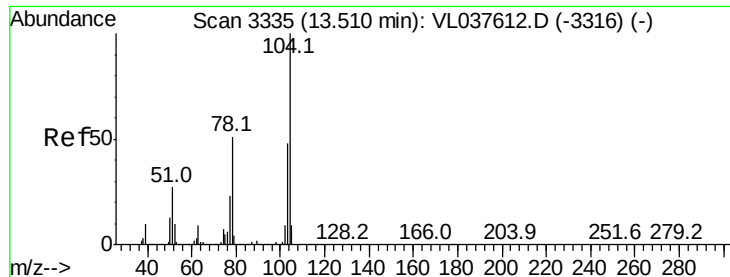
Tgt Ion: 91 Resp: 4475310

Ion Ratio Lower Upper

91 100

106 46.9 23.0 69.0





#61

Stvrene

Concen: 11.679 ppbv

RT: 13.50 min Scan# 3333

Delta R.T. -0.01 min

Lab File: VL037638.D

Acq: 17 Sep 2021 12:08

Instrument :

MSVOA_L

ClientSampled :

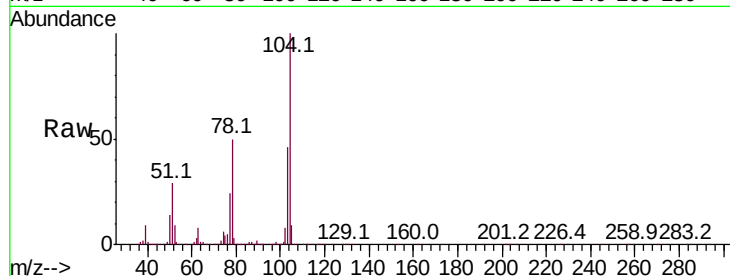
Tot Ion:104 Resp: 2583929

Ion Ratio Lower Upper

104 100

78 49.8 39.7 59.5

103 49.0 38.8 58.2



Abundance Ion 104.10 (103.80 to 104.80): V

1500000 Ion 78.10 (77.80 to 78.80): VL0

Ion 103.10 (102.80 to 103.80): V

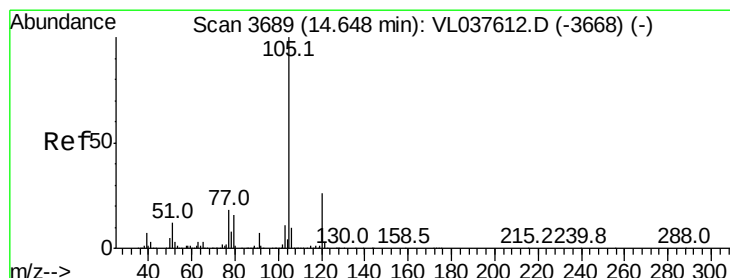
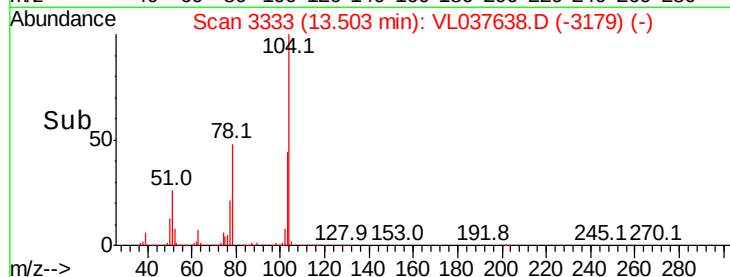
13.50

1000000

500000

0

Time--> 13.40 13.50 13.60



#62

Isopropylbenzene

Concen: 9.811 ppbv

RT: 14.64 min Scan# 3688

Delta R.T. -0.00 min

Lab File: VL037638.D

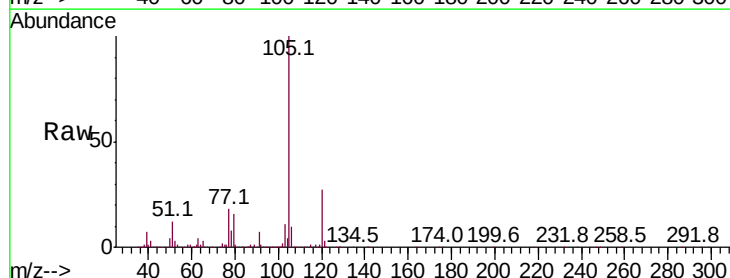
Acq: 17 Sep 2021 12:08

Tgt Ion:105 Resp: 6149251

Ion Ratio Lower Upper

105 100

120 27.6 21.4 32.0



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V

2500000

2000000

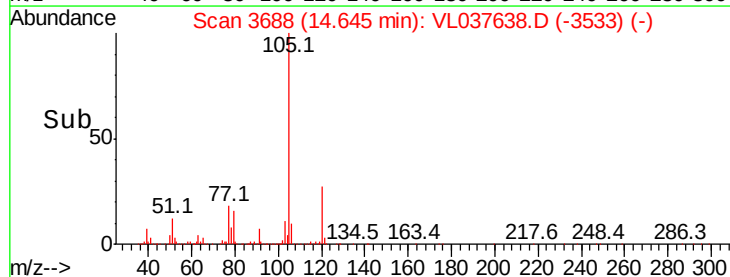
1500000

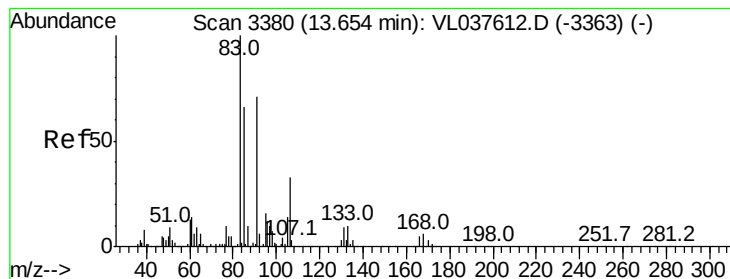
1000000

500000

0

Time--> 14.60 14.70





#63

1,1,2,2-Tetrachloroethane

Concen: 9.189 ppbv

RT: 13.65 min Scan# 3380

Delta R.T. 0.00 min

Lab File: VL037638.D

Acq: 17 Sep 2021 12:08

Instrument :

MSVOA_L

ClientSampleId :

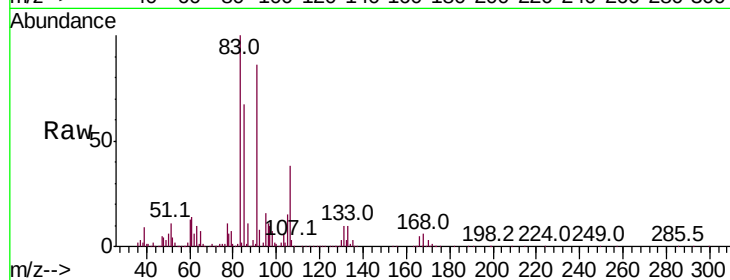
Tot Ion: 83 Resp: 3226750

Ion	Ratio	Lower	Upper
83	100		
131	10.2	5.1	15.3
85	66.7	33.3	99.9

83 100

131 10.2 5.1 15.3

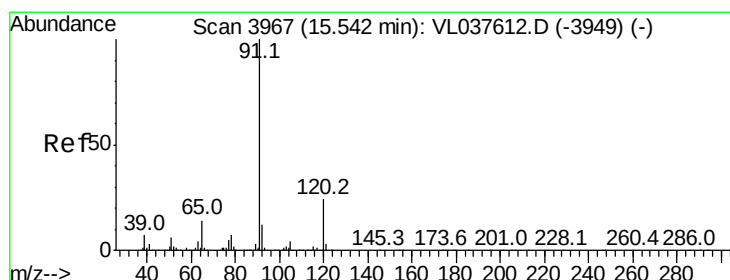
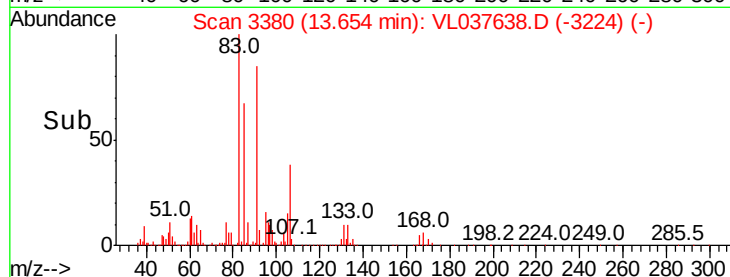
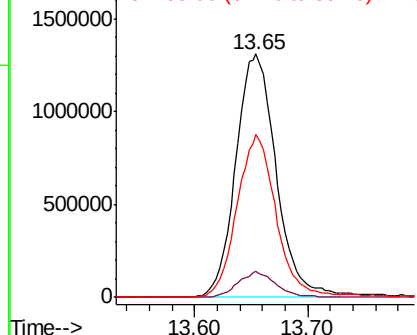
85 66.7 33.3 99.9



Abundance Ion 83.00 (82.70 to 83.70): VL0

Ion 131.00 (130.70 to 131.70): V

Ion 85.00 (84.70 to 85.70): VL0



#64

n-propylbenzene

Concen: 10.402 ppbv

RT: 15.54 min Scan# 3965

Delta R.T. -0.01 min

Lab File: VL037638.D

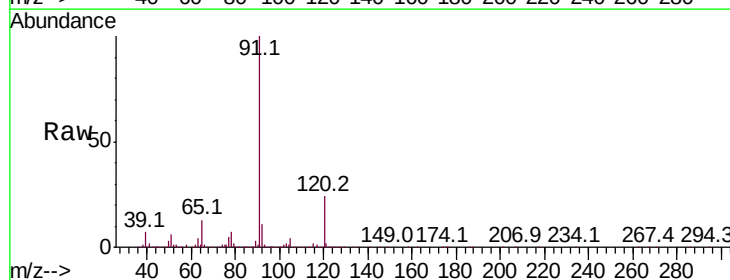
Acq: 17 Sep 2021 12:08

Tgt Ion:120 Resp: 1682388

Ion	Ratio	Lower	Upper
120	100		
91	457.2	345.0	517.4

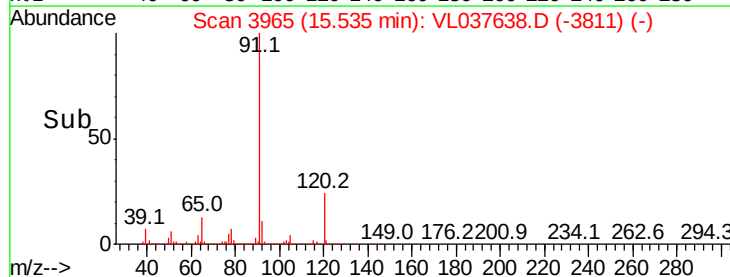
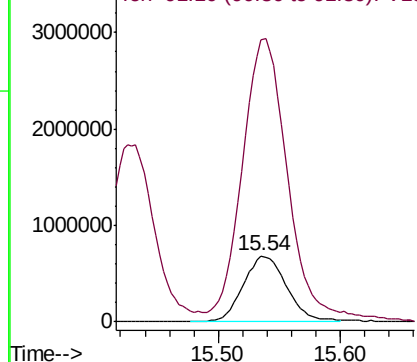
120 100

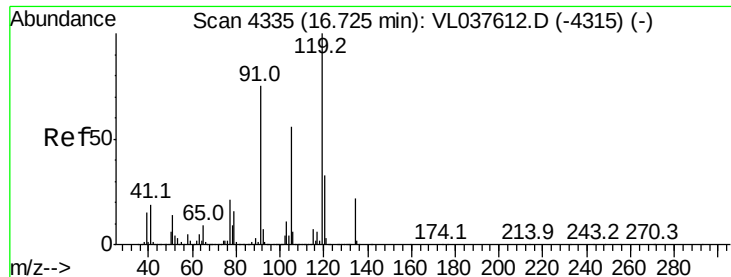
91 457.2 345.0 517.4



Abundance Ion 120.20 (119.90 to 120.90): V

Ion 91.10 (90.80 to 91.80): VL0

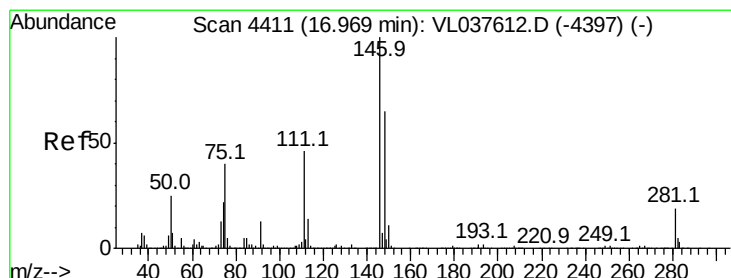
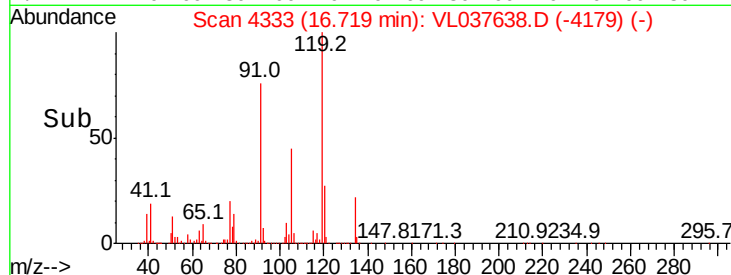
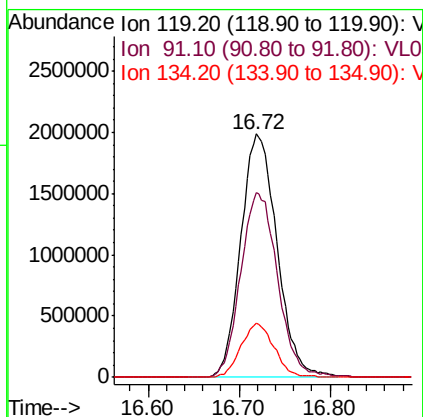
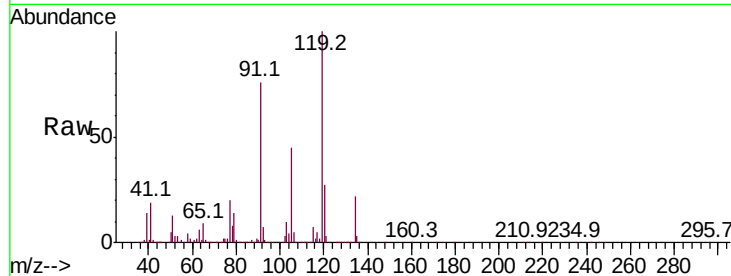




#65
 tert-Butylbenzene
 Concen: 9.706 ppbv
 RT: 16.72 min Scan# 4333
 Delta R.T. -0.01 min
 Lab File: VL037638.D
 Acq: 17 Sep 2021 12:08

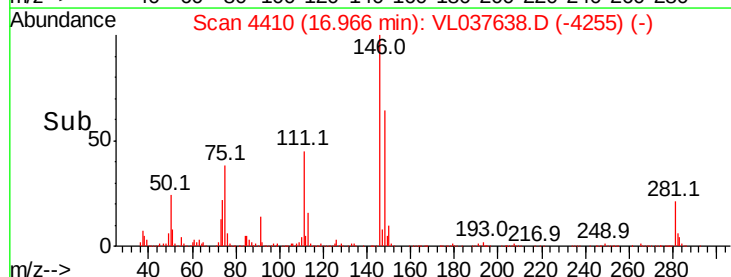
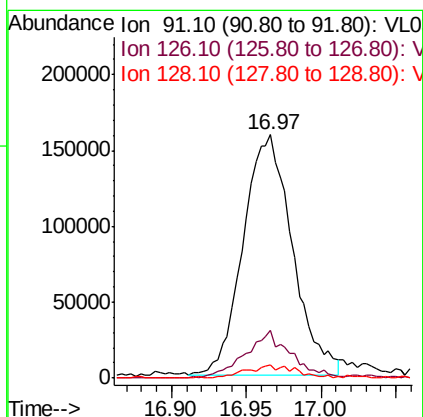
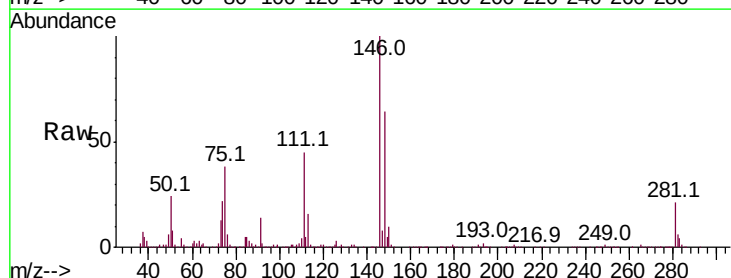
Instrument :
 MSVOA_L
 ClientSampleId :

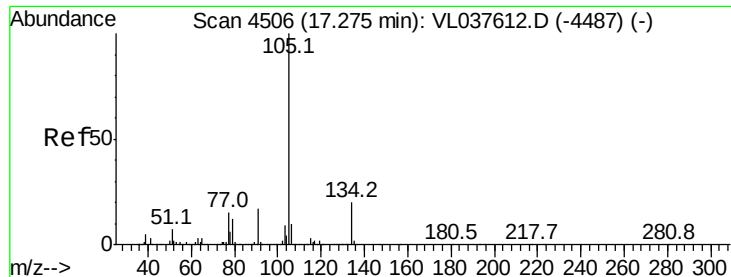
Tot Ion:119 Resp: 5484920
 Ion Ratio Lower Upper
 119 100
 91 77.4 61.9 92.9
 134 20.5 16.5 24.7



#66
 Benzyl Chloride
 Concen: 11.773 ppbv
 RT: 16.97 min Scan# 4410
 Delta R.T. -0.00 min
 Lab File: VL037638.D
 Acq: 17 Sep 2021 12:08

Tgt Ion: 91 Resp: 363597
 Ion Ratio Lower Upper
 91 100
 126 18.8 14.4 21.6
 128 5.9 5.7 8.5





#67

sec-Butylbenzene

Concen: 9.924 ppbv

RT: 17.27 min Scan# 4504

Delta R.T. -0.01 min

Lab File: VL037638.D

Acq: 17 Sep 2021 12:08

Instrument :

MSVOA_L

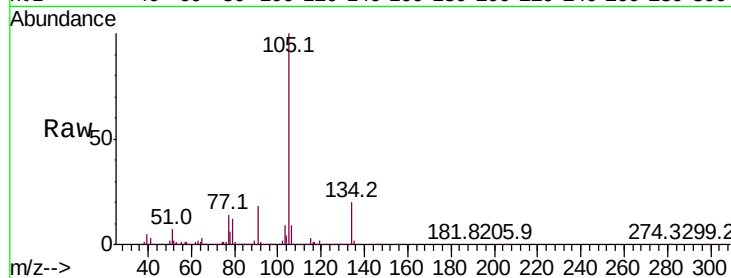
ClientSampleId :

Tot Ion:105 Resp: 7609232

Ion Ratio Lower Upper

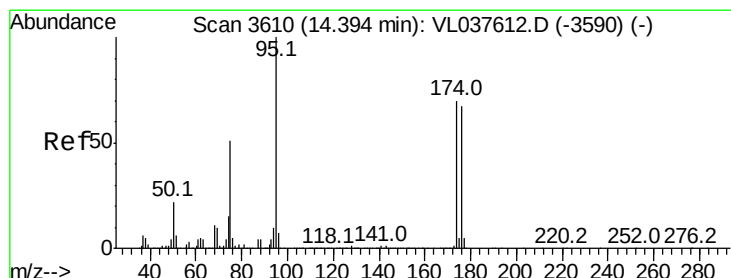
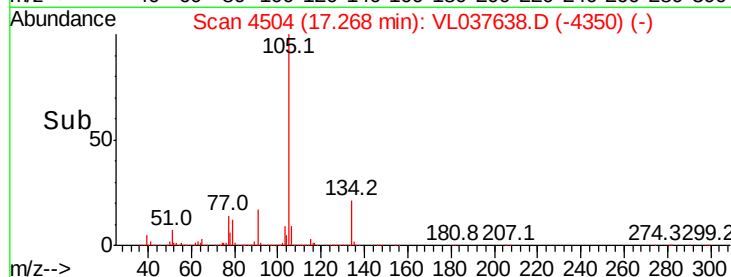
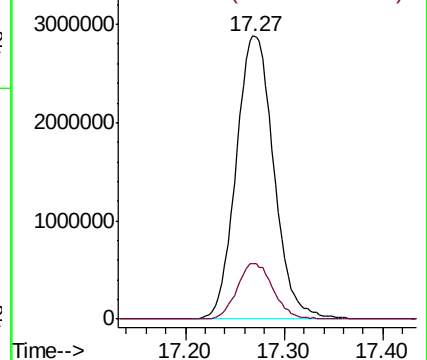
105 100

134 19.1 15.7 23.5



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 134.20 (133.90 to 134.90): V



#68

1-Bromo-4-Fluorobenzene

Concen: 9.866 ppbv

RT: 14.39 min Scan# 3609

Delta R.T. -0.00 min

Lab File: VL037638.D

Acq: 17 Sep 2021 12:08

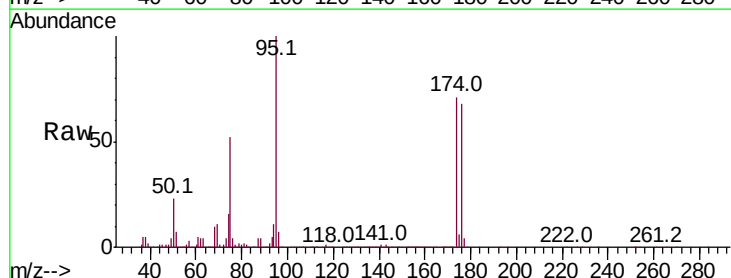
Tgt Ion: 95 Resp: 2905532

Ion Ratio Lower Upper

95 100

174 72.8 56.3 84.5

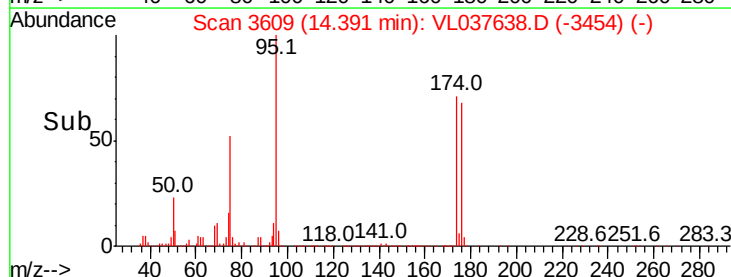
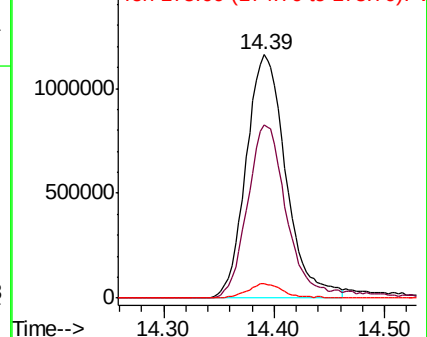
175 5.5 4.4 6.6

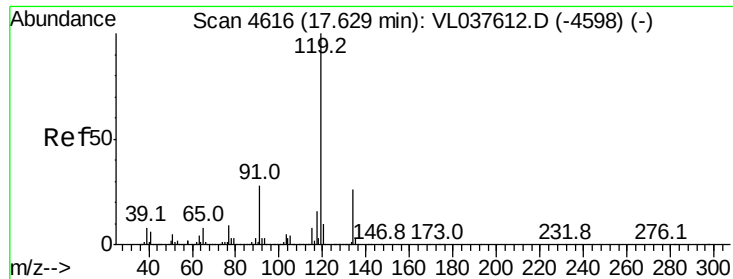


Abundance Ion 95.10 (94.80 to 95.80): VL0

Ion 174.00 (173.70 to 174.70): V

Ion 175.00 (174.70 to 175.70): V



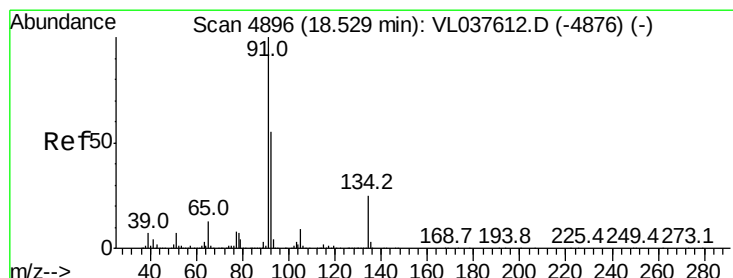
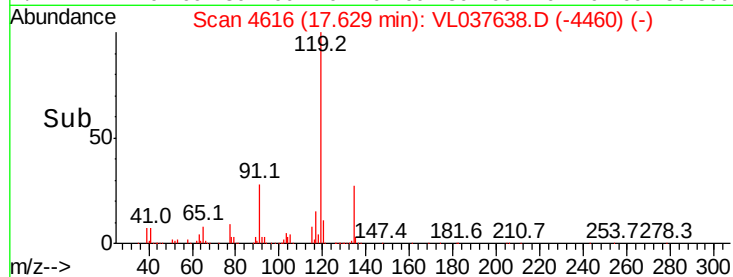
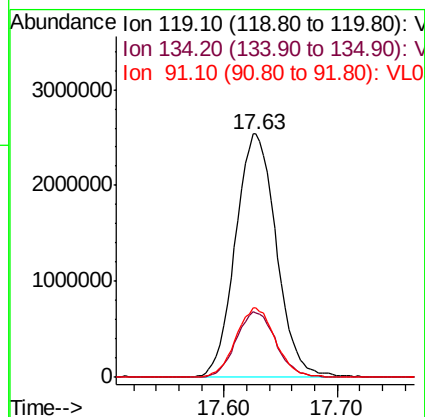
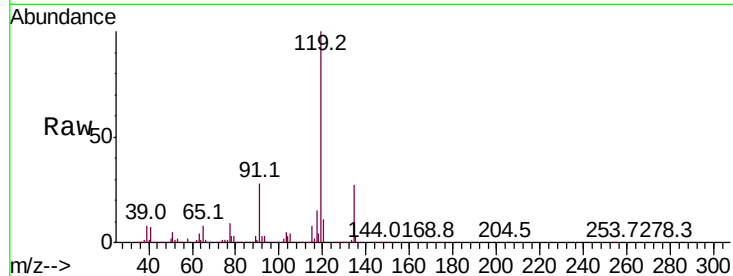


#69
 p-Isopropyltoluene
 Concen: 10.162 ppbv
 RT: 17.63 min Scan# 4616
 Delta R.T. 0.00 min
 Lab File: VL037638.D
 Acq: 17 Sep 2021 12:08

Instrument :
 MSVOA_L
 ClientSampleId :

Tot Ion:119 Resp: 6365341

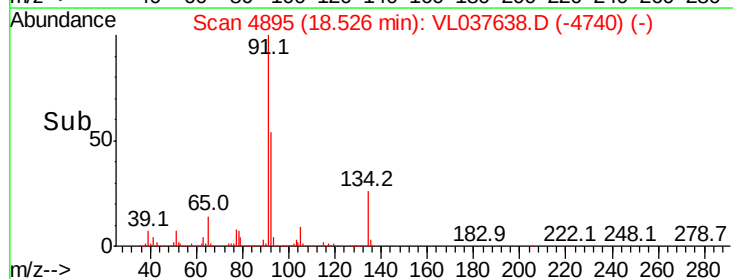
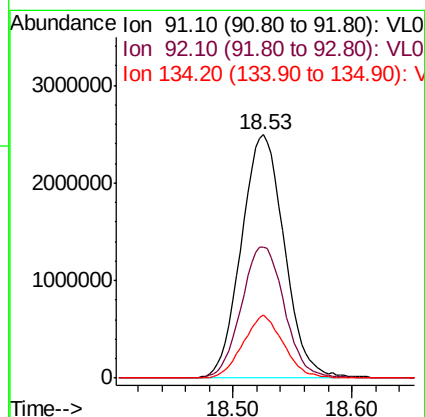
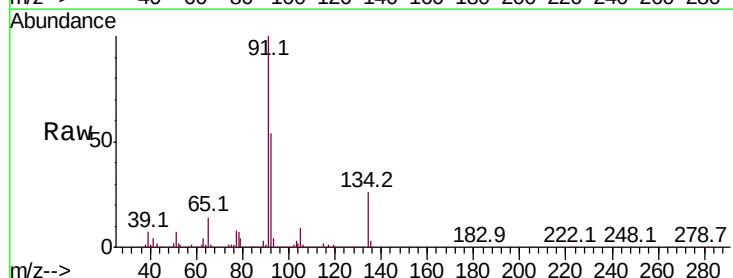
Ion	Ratio	Lower	Upper
119	100		
134	26.5	21.2	31.8
91	27.7	22.2	33.2

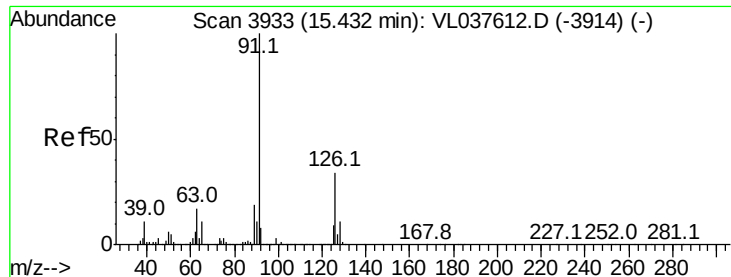


#70
 n-Butylbenzene
 Concen: 10.508 ppbv
 RT: 18.53 min Scan# 4895
 Delta R.T. -0.00 min
 Lab File: VL037638.D
 Acq: 17 Sep 2021 12:08

Tgt Ion: 91 Resp: 6227819

Ion	Ratio	Lower	Upper
91	100		
92	54.6	44.0	66.0
134	24.5	19.5	29.3





#71

2-Chlorotoluene

Concen: 10.237 ppbv

RT: 15.43 min Scan# 3931

Delta R.T. -0.01 min

Lab File: VL037638.D

Acq: 17 Sep 2021 12:08

Instrument :

MSVOA_L

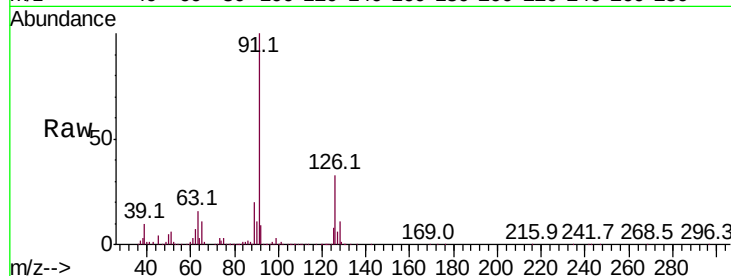
ClientSampleId :

Tot Ion: 91 Resp: 4598245

Ion Ratio Lower Upper

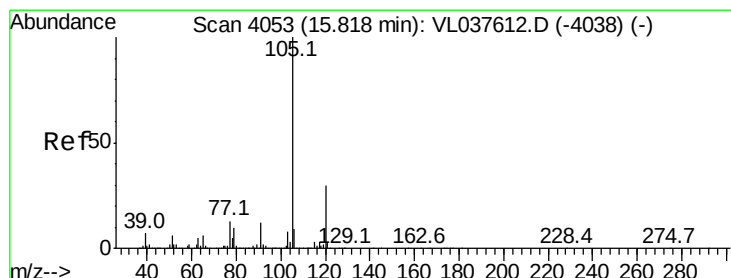
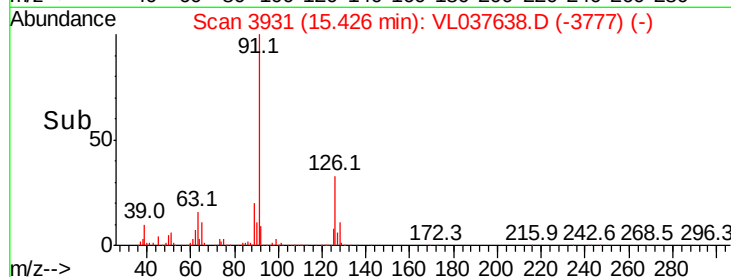
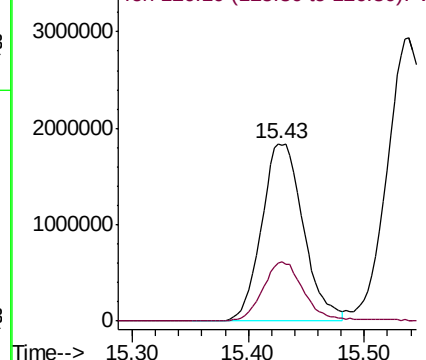
91 100

126 33.9 13.2 52.8



Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 126.10 (125.80 to 126.80): V



#72

4-Ethyltoluene

Concen: 10.210 ppbv

RT: 15.81 min Scan# 4051

Delta R.T. -0.01 min

Lab File: VL037638.D

Acq: 17 Sep 2021 12:08

Tgt Ion:105 Resp: 5258664

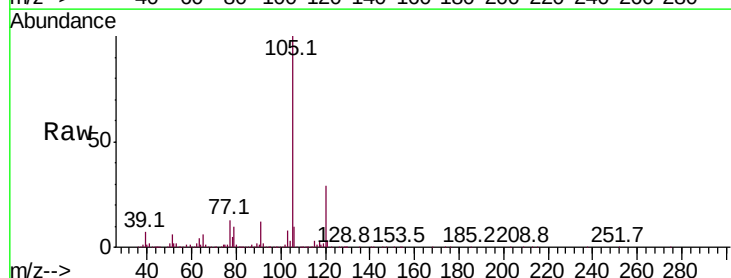
Ion Ratio Lower Upper

105 100

120 31.6 24.7 37.1

91 12.9 9.9 14.9

77 13.6 10.5 15.7

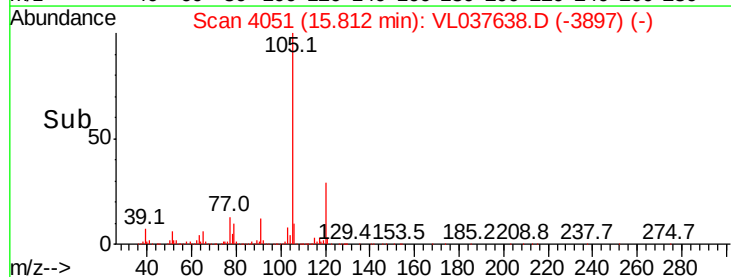
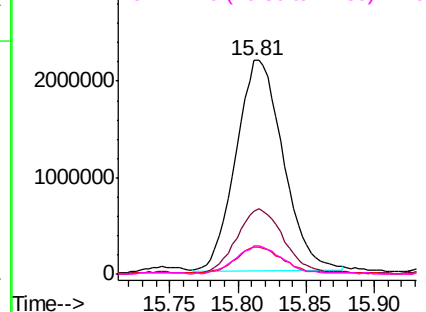


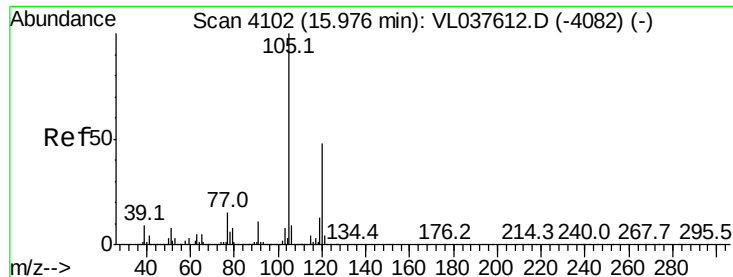
Abundance Ion 105.10 (104.80 to 105.80): V

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

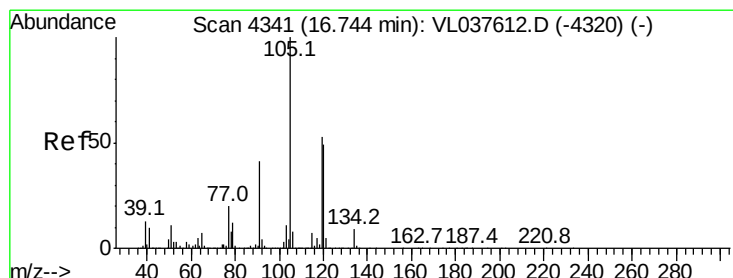
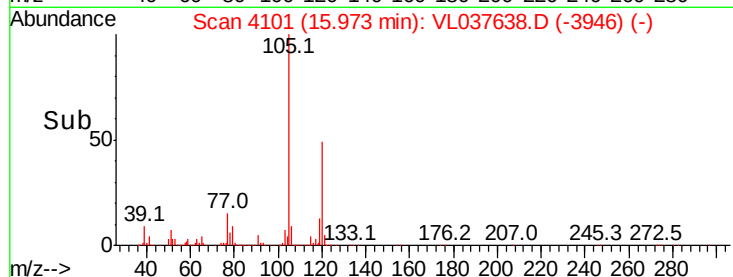
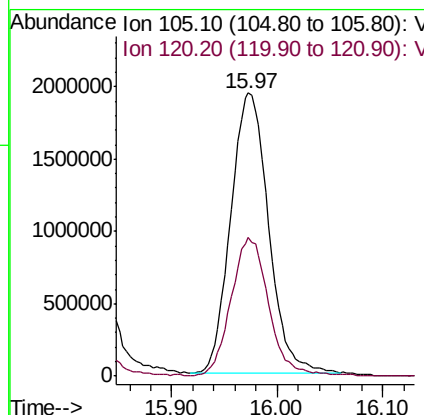
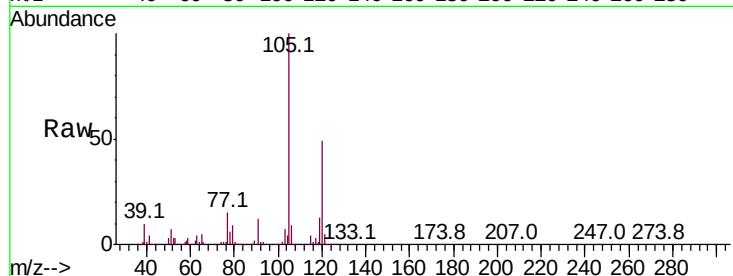




#73
 1,3,5-Trimethylbenzene
 Concen: 10.036 ppbv
 RT: 15.97 min Scan# 4101
 Delta R.T. -0.00 min
 Lab File: VL037638.D
 Acq: 17 Sep 2021 12:08

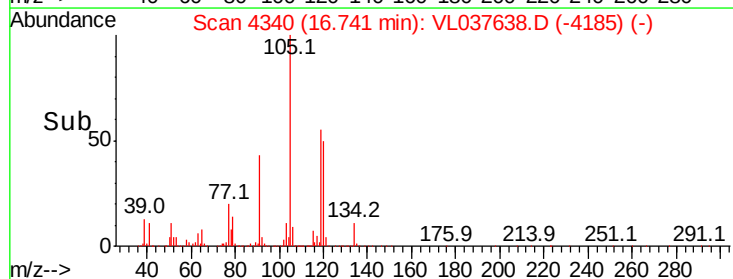
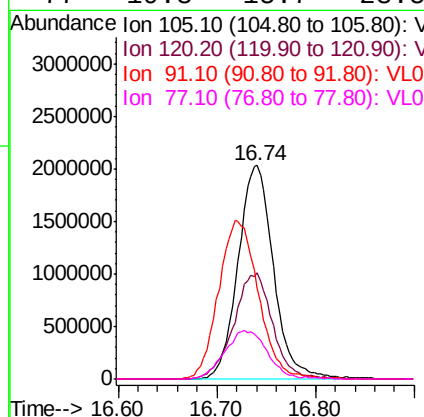
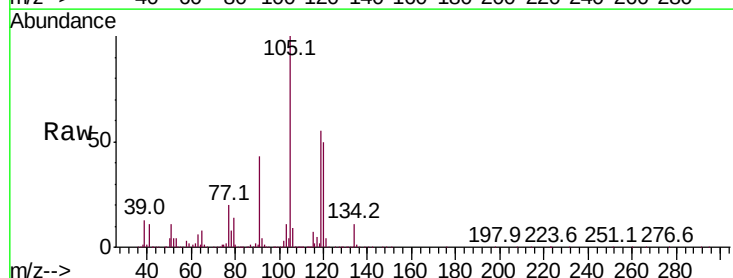
Instrument :
 MSVOA_L
 ClientSampled :

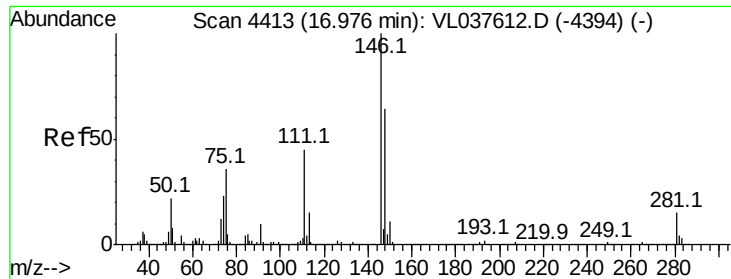
Tot Ion:105 Resp: 4817857
 Ion Ratio Lower Upper
 105 100
 120 49.1 38.3 57.5



#74
 1,2,4-Trimethylbenzene
 Concen: 9.988 ppbv
 RT: 16.74 min Scan# 4340
 Delta R.T. -0.00 min
 Lab File: VL037638.D
 Acq: 17 Sep 2021 12:08

Tgt Ion:105 Resp: 5050367
 Ion Ratio Lower Upper
 105 100
 120 49.4 39.4 59.0
 91 42.4 33.3 49.9
 77 19.3 15.7 23.5

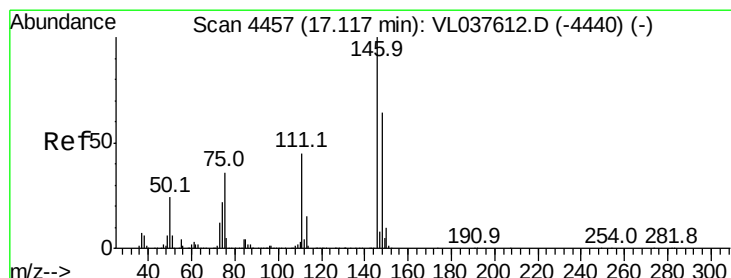
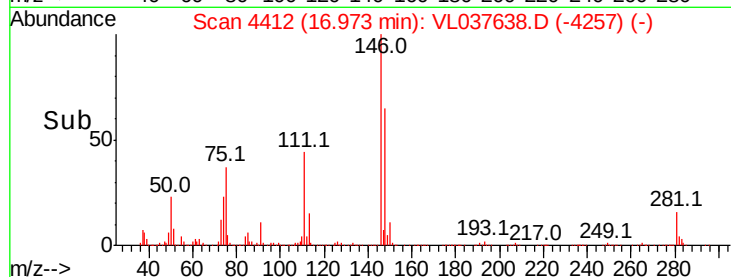
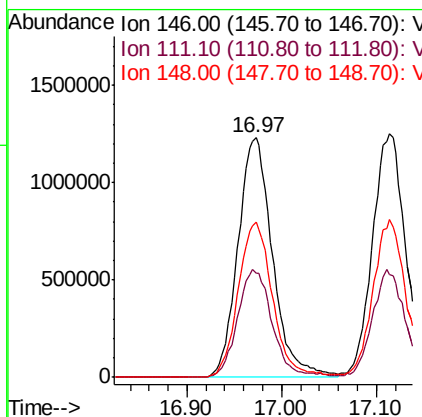
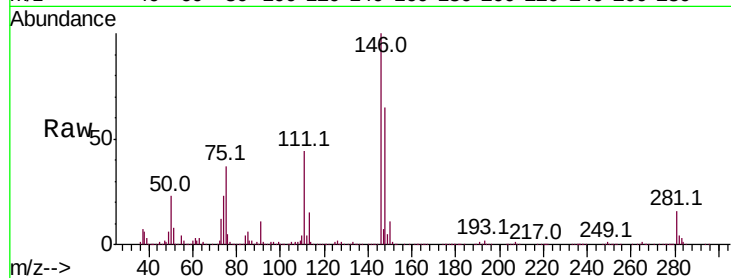




#75
 1,3-Dichlorobenzene
 Concen: 9.958 ppbv
 RT: 16.97 min Scan# 4412
 Delta R.T. -0.00 min
 Lab File: VL037638.D
 Acq: 17 Sep 2021 12:08

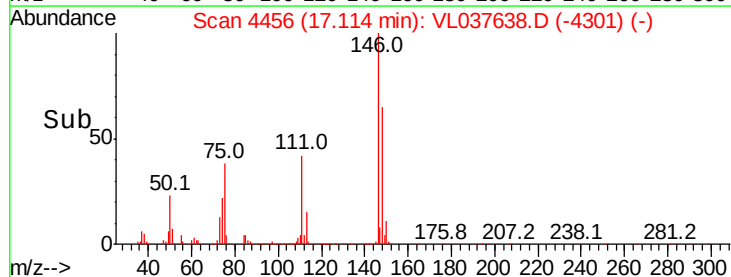
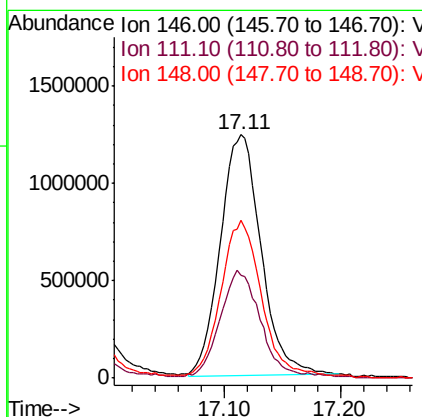
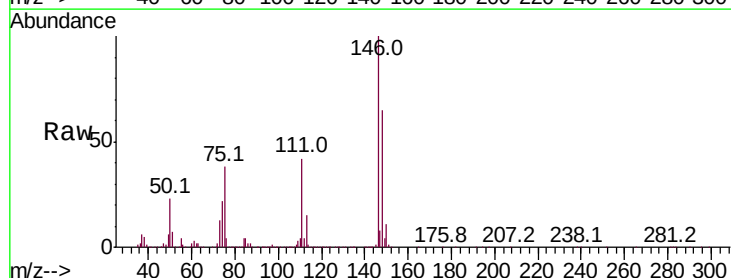
Instrument :
 MSVOA_L
 ClientSampleId :

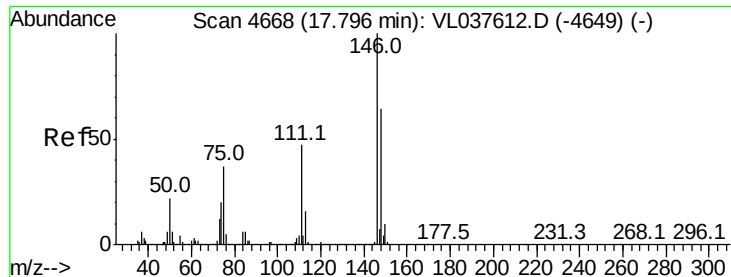
Tot Ion:146 Resp: 3128519
 Ion Ratio Lower Upper
 146 100
 111 45.2 22.8 68.3
 148 64.3 32.1 96.5



#76
 1,4-Dichlorobenzene
 Concen: 9.760 ppbv
 RT: 17.11 min Scan# 4456
 Delta R.T. -0.00 min
 Lab File: VL037638.D
 Acq: 17 Sep 2021 12:08

Tgt Ion:146 Resp: 3024194
 Ion Ratio Lower Upper
 146 100
 111 45.0 22.5 67.5
 148 66.3 32.9 98.6

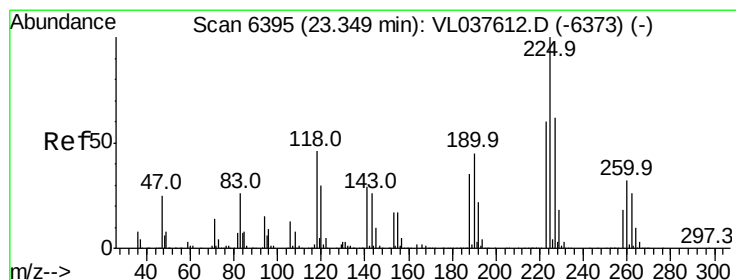
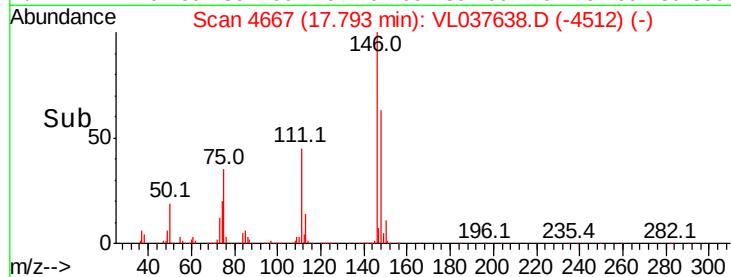
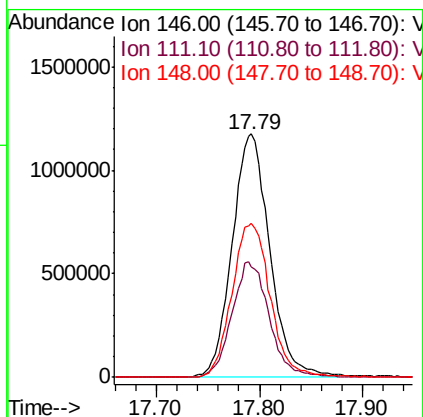
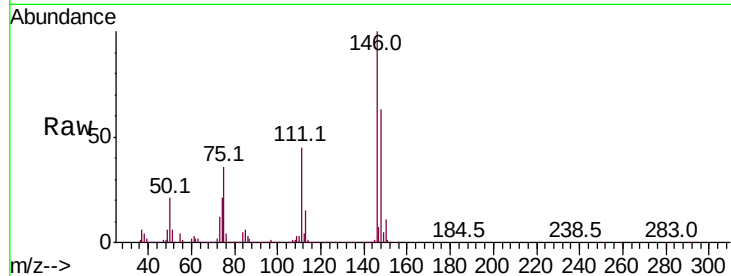




#77
 1,2-Dichlorobenzene
 Concen: 9.957 ppbv
 RT: 17.79 min Scan# 4667
 Delta R.T. -0.00 min
 Lab File: VL037638.D
 Acq: 17 Sep 2021 12:08

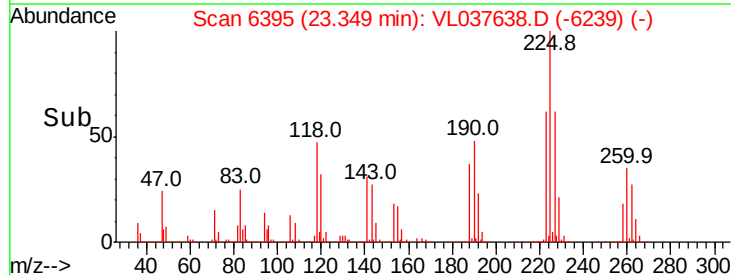
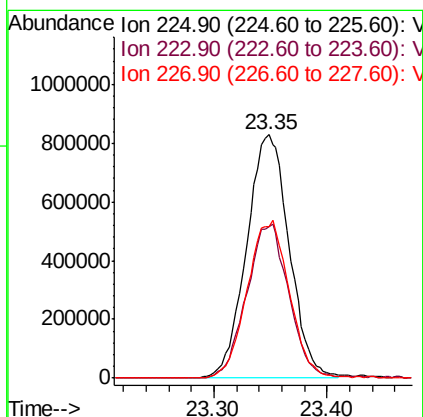
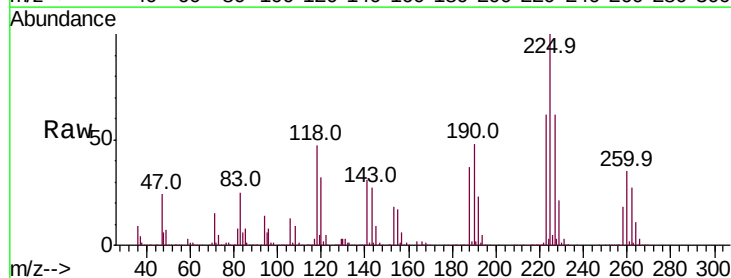
Instrument :
 MSVOA_L
 ClientSampleId :

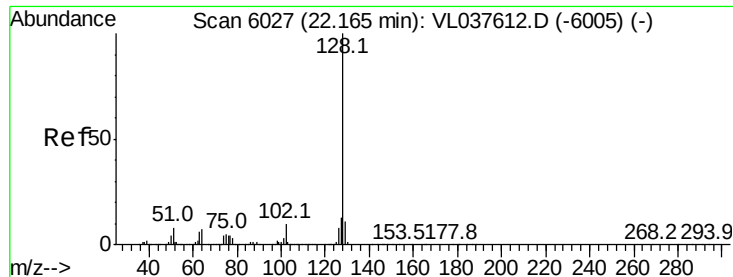
Tot Ion:146 Resp: 2966821
 Ion Ratio Lower Upper
 146 100
 111 46.9 24.0 72.0
 148 64.8 32.8 98.3



#78
 Hexachloro-1,3-Butadiene
 Concen: 8.632 ppbv
 RT: 23.35 min Scan# 6395
 Delta R.T. 0.00 min
 Lab File: VL037638.D
 Acq: 17 Sep 2021 12:08

Tgt Ion:225 Resp: 2164840
 Ion Ratio Lower Upper
 225 100
 223 63.5 51.1 76.7
 227 64.6 52.2 78.4





#79

Naphthalene

Concen: 11.752 ppbv

RT: 22.17 min Scan# 6027

Delta R.T. 0.00 min

Lab File: VL037638.D

Acq: 17 Sep 2021 12:08

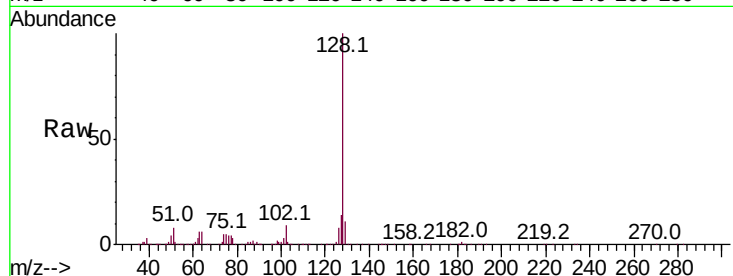
Instrument :

MSVOA_L

ClientSampleId :

Tot Ion:128 Resp: 3648813

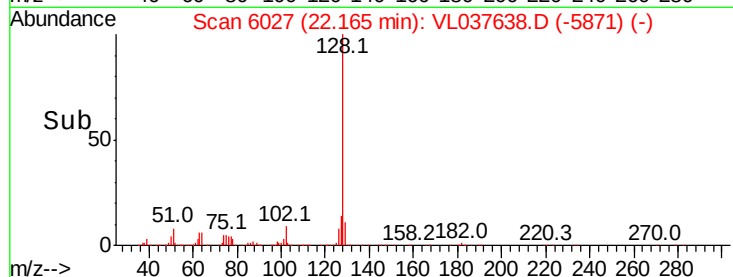
Ion	Ratio	Lower	Upper
128	100		
127	13.6	10.6	16.0
129	11.4	8.6	12.8



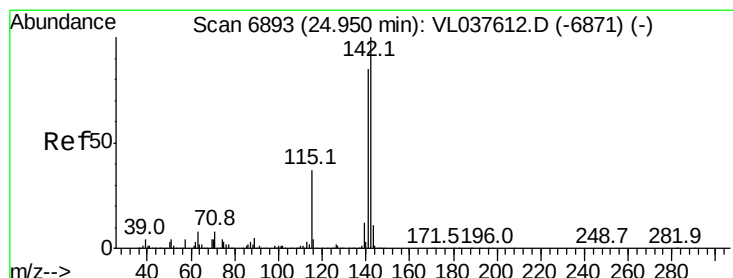
Abundance Ion 128.10 (127.80 to 128.80): V

Ion 127.10 (126.80 to 127.80): V

Ion 129.10 (128.80 to 129.80): V



Time-->



#80

Naphthalene, 2-methyl-

Concen: 16.037 ppbv

RT: 24.95 min Scan# 6892

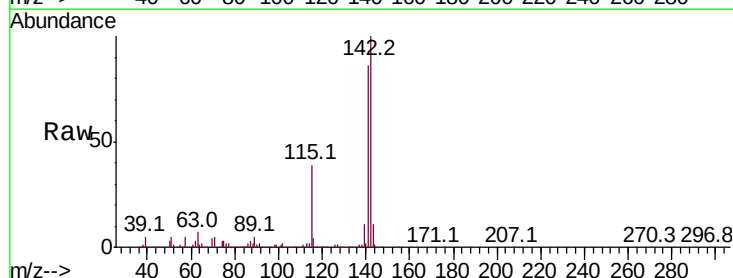
Delta R.T. -0.00 min

Lab File: VL037638.D

Acq: 17 Sep 2021 12:08

Tgt Ion:142 Resp: 1138081

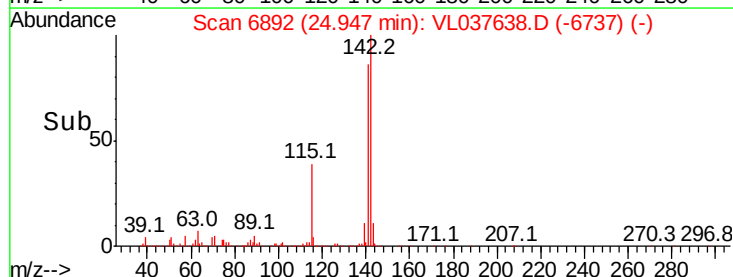
Ion	Ratio	Lower	Upper
142	100		
141	84.0	70.9	106.3
115	34.5	29.6	44.4



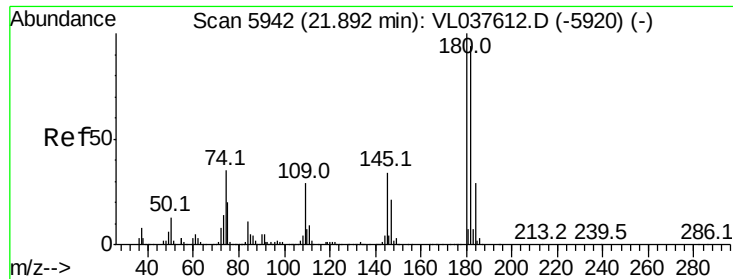
Abundance Ion 142.00 (141.70 to 142.70): V

Ion 141.00 (140.70 to 141.70): V

Ion 115.00 (114.70 to 115.70): V



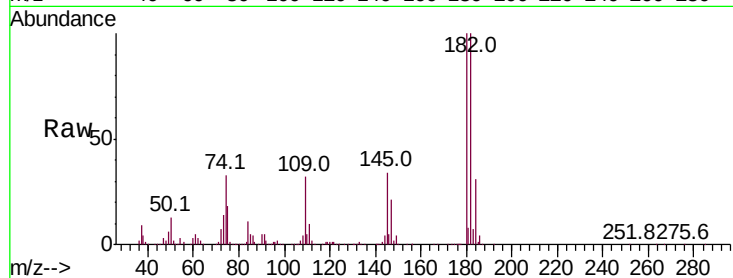
Time-->



#81
 1,2,4-Trichlorobenzene
 Concen: 10.853 ppbv
 RT: 21.90 min Scan# 5943
 Delta R.T. 0.00 min
 Lab File: VL037638.D
 Acq: 17 Sep 2021 12:08

Instrument :
 MSVOA_L
 ClientSampleId :

Tot Ion:180 Resp: 2163475
 Ion Ratio Lower Upper
 180 100
 182 98.4 78.9 118.3
 184 31.2 24.7 37.1



Abundance Ion 180.00 (179.70 to 180.70): V
 1000000 Ion 182.00 (181.70 to 182.70): V
 800000 Ion 184.00 (183.70 to 184.70): V

