

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL062221\
 Data File : VL037217.D
 Acq On : 22 Jun 2021 14:25
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Jun 23 01:39:34 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL061621AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jun 16 14:06:32 2021
 QLast Update : Wed Jun 16 14:06:32 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.68	49	1638776	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.20	114	4875760	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.11	117	5608661	10.00	ppbv	0.01

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.44	95	3417306	8.04	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	80.40%

Target Compounds					Ovalue
2) Dichlorodifluoromethane	3.06	85	2637790	9.255	ppbv 98
3) Chlorodifluoromethane	3.00	51	2794211	8.769	ppbv 100
4) Chloromethane	3.15	50	971707	9.150	ppbv 99
5) Vinyl Chloride	3.27	62	1039422	8.905	ppbv 98
6) Bromomethane	3.49	94	551891	7.926	ppbv 99
7) Chloroethane	3.57	64	388416	9.310	ppbv 99
8) Dichlorotetrafluoroethane	3.20	85	2707577	9.261	ppbv 96
9) Propene	3.02	41	927050	9.099	ppbv 99
10) Heptane	8.14	43	2346229	9.508	ppbv 100
11) Trichlorofluoromethane	3.96	101	2760683	9.078	ppbv 98
12) 1,1,2-Trichlorotrifluoroet	4.50	101	2059492	9.607	ppbv 99
13) Ethanol	3.63	45	69381	4.402	ppbv 77
14) Bromoethene	3.75	108	847456	9.472	ppbv 99
15) Acetone	3.86	43	1388213	7.512	ppbv 98
16) 1,3-Butadiene	3.34	39	1007434	9.221	ppbv 97
17) tert-Butyl alcohol	4.30	59	1677913	9.824	ppbv 99
18) 1,1-Dichloroethene	4.30	96	894759	9.419	ppbv 98
19) Isopropyl Alcohol	3.98	45	869274	7.766	ppbv # 97
20) Methylene Chloride	4.36	84	795276	7.188	ppbv 96
21) Allyl Chloride	4.43	41	1345455	9.659	ppbv 98
22) trans-1,2-Dichloroethene	4.90	96	933444	9.930	ppbv 99
23) Vinyl Acetate	5.09	43	2290445	8.644	ppbv 99
24) 1,1-Dichloroethane	5.02	63	1857715	8.708	ppbv 99
25) Ethyl Acetate	5.70	43	3622376	9.054	ppbv 100
26) Hexane	5.70	57	1783365	8.820	ppbv 98
27) Carbon Disulfide	4.56	76	2210102	11.156	ppbv 100
28) Methyl tert-Butyl Ether	5.05	73	2049052	8.429	ppbv 98
29) Chloroform	5.77	83	2824955	9.044	ppbv 99
30) Cyclohexane	7.15	84	1553971	9.224	ppbv 99
31) cis-1,2-Dichloroethene	5.57	61	1756889	9.456	ppbv 99
32) 1,1,1-Trichloroethane	6.53	97	2980735	8.918	ppbv 99
34) 2-Butanone	5.27	43	1616697	8.526	ppbv 99
35) Carbon Tetrachloride	7.04	117	3146517	9.622	ppbv 99
36) Benzene	6.91	78	3681466	9.337	ppbv 99
37) 1,2-Dichloroethane	6.33	62	2127058	9.287	ppbv 99
38) Trichloroethene	7.86	130	1567790	8.365	ppbv 98
39) 1,2-Dichloropropane	7.64	63	1424448	9.723	ppbv 97
40) 1,4-Dioxane	7.86	88	334924	8.336	ppbv 61
41) Tetrahydrofuran	6.07	42	871609	9.896	ppbv 99
42) Bromodichloromethane	7.81	83	3148294	9.964	ppbv 98
43) Methyl Methacrylate	8.03	69	1365520	10.029	ppbv 99

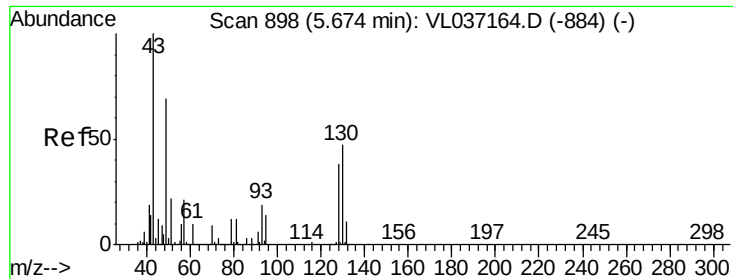
Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL062221\
 Data File : VL037217.D
 Acq On : 22 Jun 2021 14:25
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 Sample : VSTDCCC010
 Misc : 400mL/MSVOA L
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Instrument :
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Quant Time: Jun 23 01:39:34 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL061621AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jun 16 14:06:32 2021
 QLast Update : Wed Jun 16 14:06:32 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,2,4-Trimethylpentane	7.89	57	6070630	9.144	ppbv	100
45) t-1,3-Dichloropropene	9.30	75	1000435	8.328	ppbv	99
46) cis-1,3-Dichloropropene	8.73	75	1283294	7.809	ppbv	97
47) 1,1,2-Trichloroethane	9.49	97	1558442	9.324	ppbv	99
48) Dibromochloromethane	10.33	129	2803027	10.624	ppbv	99
49) Bromoform	13.06	173	2338426	11.896	ppbv	99
50) 4-Methyl-2-Pentanone	8.76	43	2612806	10.032	ppbv	100
51) 2-Hexanone	10.16	43	1368248	10.797	ppbv #	99
52) Tetrachloroethene	11.24	164	1516290	8.277	ppbv	98
53) Toluene	9.83	91	4424199	9.394	ppbv	100
54) 1,2-Dibromoethane	10.63	107	2284649	9.511	ppbv	96
56) 1,1,1,2-Tetrachloroethane	12.15	131	1904546	7.767	ppbv #	60
57) Chlorobenzene	12.17	112	3315849	7.290	ppbv	96
58) Ethyl Benzene	12.73	91	5862923	7.593	ppbv	99
59) m/p-Xylene	13.02	91	5195025	7.940	ppbv #	39
60) o-Xylene	13.71	91	4674797	7.503	ppbv	99
61) Styrene	13.55	104	2681201	8.338	ppbv	99
62) Isopropylbenzene	14.69	105	6538213	7.380	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.70	83	3154066	7.603	ppbv	100
64) n-propylbenzene	15.58	120	1778363	8.015	ppbv	100
65) tert-Butylbenzene	16.76	119	5889007	7.495	ppbv	99
66) Benzyl Chloride	17.01	91	197724	5.938	ppbv #	94
67) sec-Butylbenzene	17.32	105	7830599	7.473	ppbv	100
69) p-Isopropyltoluene	17.67	119	6831564	7.719	ppbv	99
70) n-Butylbenzene	18.57	91	6486657	7.919	ppbv	100
71) 2-Chlorotoluene	15.47	91	4801655	7.752	ppbv	99
72) 4-Ethyltoluene	15.86	105	5645243	7.976	ppbv	100
73) 1,3,5-Trimethylbenzene	16.01	105	5142606	7.517	ppbv	98
74) 1,2,4-Trimethylbenzene	16.79	105	5365949	7.612	ppbv	97
75) 1,3-Dichlorobenzene	17.01	146	3231947	7.540	ppbv	99
76) 1,4-Dichlorobenzene	17.16	146	3205589	7.488	ppbv	99
77) 1,2-Dichlorobenzene	17.84	146	3122991	7.532	ppbv	100
78) Hexachloro-1,3-Butadiene	23.40	225	2080656	5.836	ppbv	99
79) Naphthalene	22.22	128	4124223	7.017	ppbv	99
80) Naphthalene, 2-methyl-	24.99	142	1176031	7.629	ppbv	94
81) 1,2,4-Trichlorobenzene	21.95	180	2364864	6.973	ppbv	98

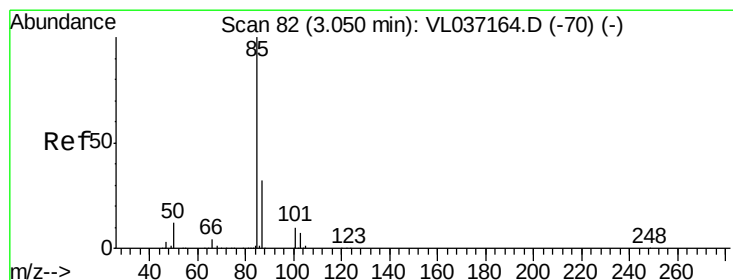
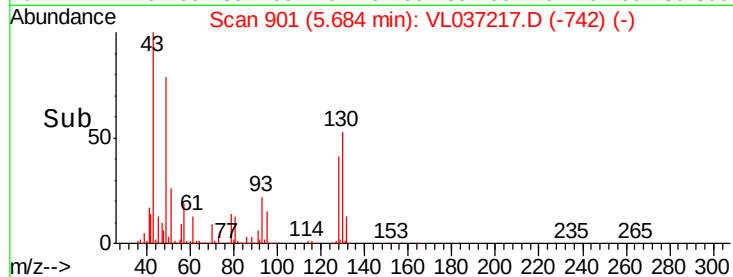
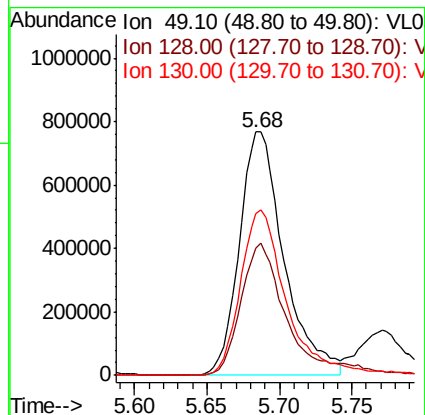
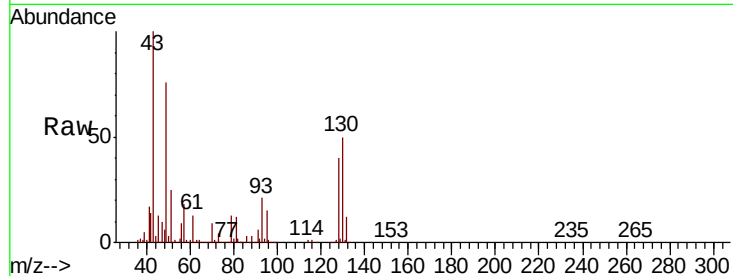
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.68 min Scan# 901
 Delta R.T. 0.01 min
 Lab File: VL037217.D
 Acq: 22 Jun 2021 14:25

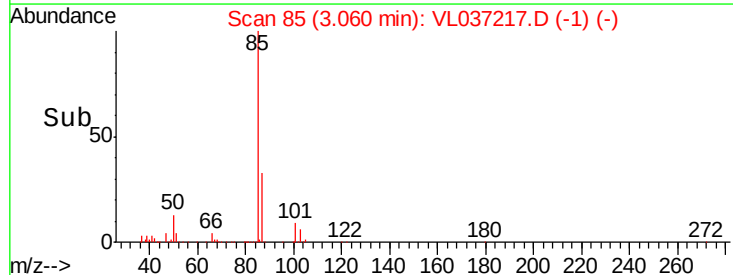
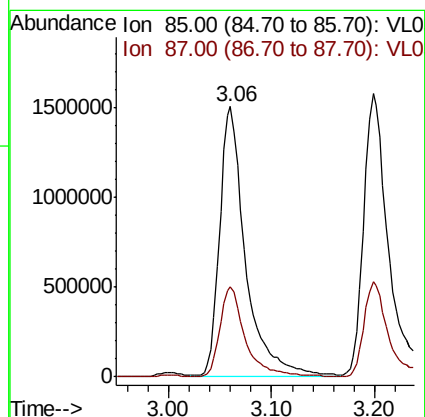
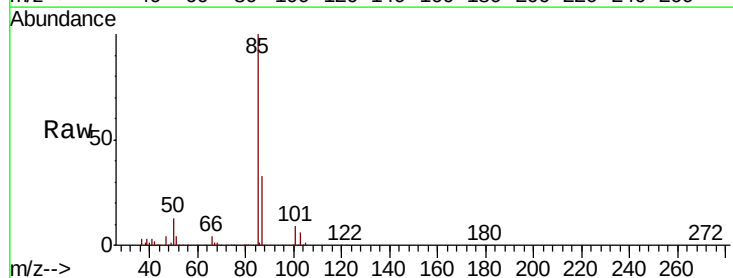
Instrument :
 MSVOA_L
 ClientSampled :

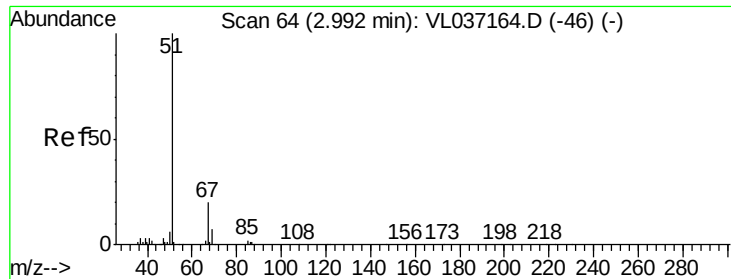
Tot Ion: 49 Resp: 1638776
 Ion Ratio Lower Upper
 49 100
 128 57.6 29.3 88.0
 130 71.6 35.9 107.8



#2
 Dichlorodifluoromethane
 Concen: 9.255 ppbv
 RT: 3.06 min Scan# 85
 Delta R.T. 0.01 min
 Lab File: VL037217.D
 Acq: 22 Jun 2021 14:25

Tgt Ion: 85 Resp: 2637790
 Ion Ratio Lower Upper
 85 100
 87 33.4 25.8 38.6





#3

Chlorodifluoromethane

Concen: 8.769 ppbv

RT: 3.00 min Scan# 66

Delta R.T. 0.01 min

Lab File: VL037217.D

Acq: 22 Jun 2021 14:25

Instrument :

MSVOA_L

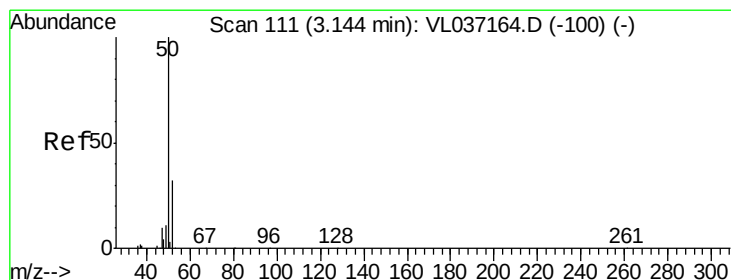
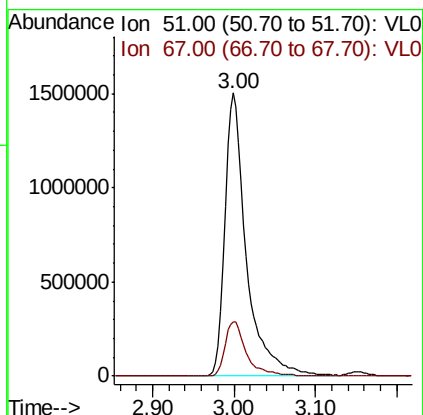
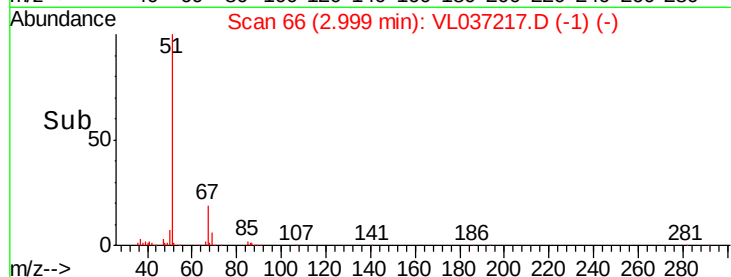
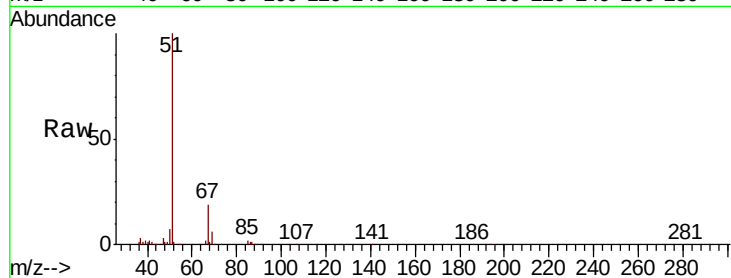
ClientSampleId :

Tot Ion: 51 Resp: 2794211

Ion Ratio Lower Upper

51 100

67 19.5 15.8 23.6



#4

Chloromethane

Concen: 9.150 ppbv

RT: 3.15 min Scan# 113

Delta R.T. 0.01 min

Lab File: VL037217.D

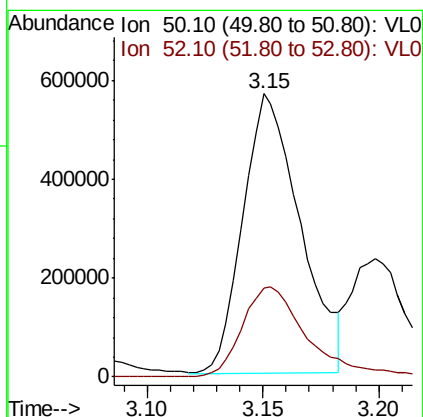
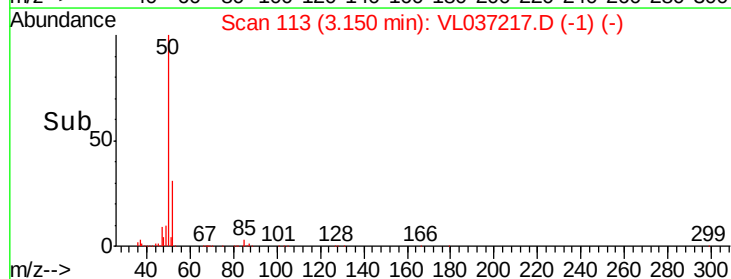
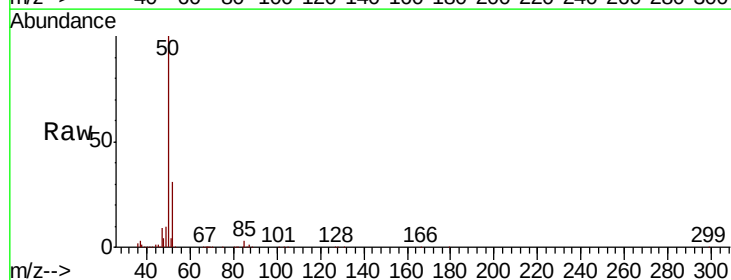
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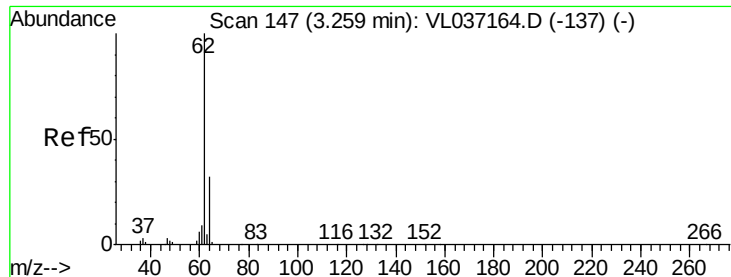
Tgt Ion: 50 Resp: 971707

Ion Ratio Lower Upper

50 100

52 31.8 25.8 38.8





#5

Vinyl Chloride

Concen: 8.905 ppbv

RT: 3.27 min Scan# 150

Delta R.T. 0.01 min

Lab File: VL037217.D

Acq: 22 Jun 2021 14:25

Instrument :

MSVOA_L

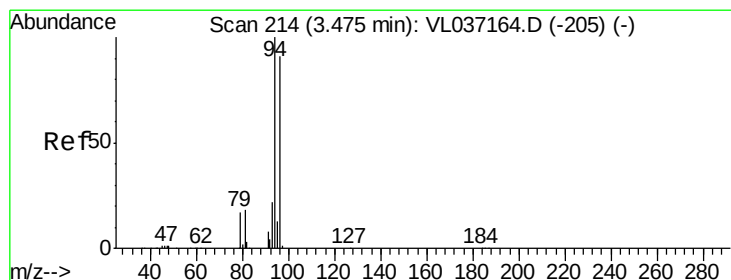
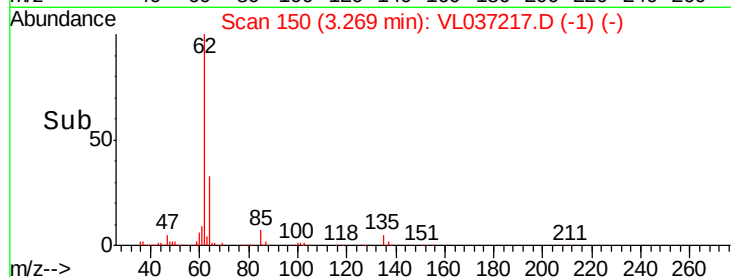
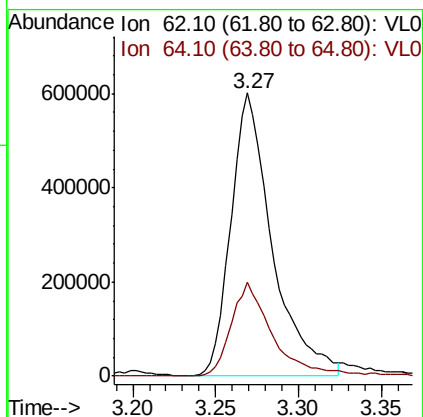
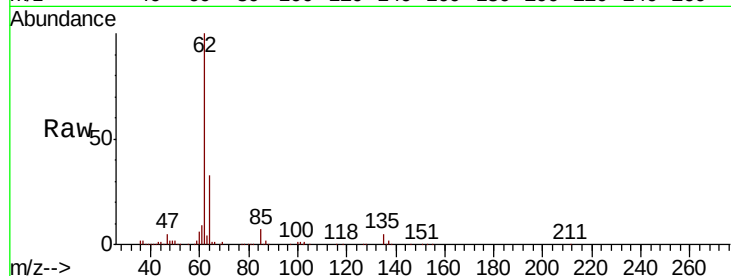
ClientSampleId :

Tot Ion: 62 Resp: 1039422

Ion Ratio Lower Upper

62 100

64 33.2 25.6 38.4



#6

Bromomethane

Concen: 7.926 ppbv

RT: 3.49 min Scan# 218

Delta R.T. 0.01 min

Lab File: VL037217.D

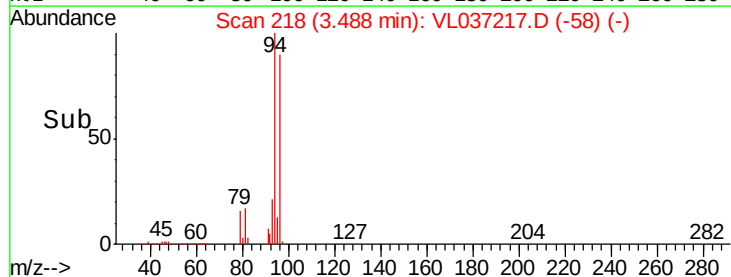
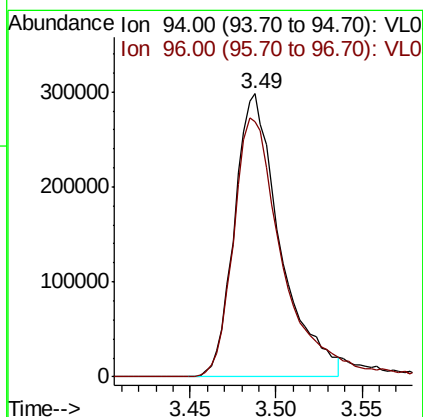
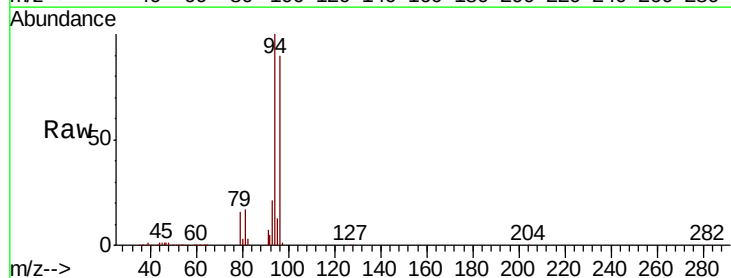
Acq: 22 Jun 2021 14:25

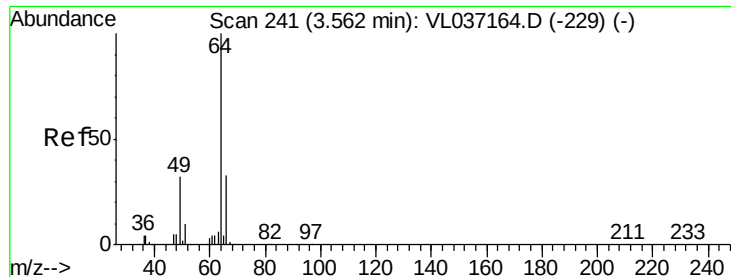
Tgt Ion: 94 Resp: 551891

Ion Ratio Lower Upper

94 100

96 90.1 72.6 108.8





#7

Chloroethane

Concen: 9.310 ppbv

RT: 3.57 min Scan# 244

Delta R.T. 0.01 min

Lab File: VL037217.D

Acq: 22 Jun 2021 14:25

Instrument :

MSVOA_L

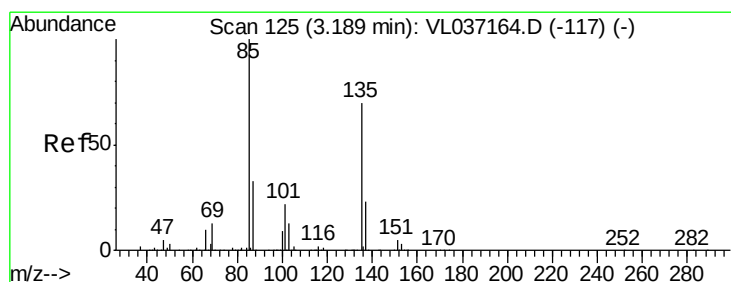
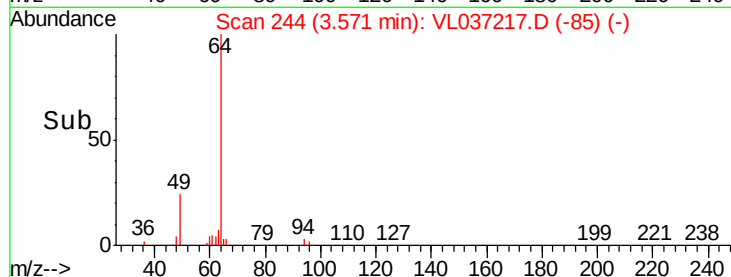
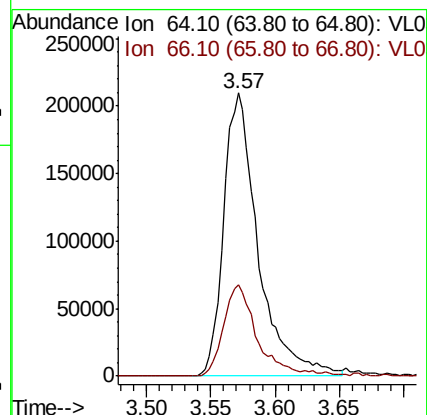
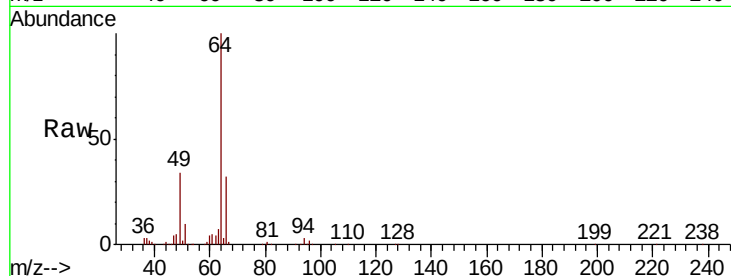
ClientSampleId :

Tot Ion: 64 Resp: 388416

Ion Ratio Lower Upper

64 100

66 32.1 26.2 39.4



#8

Dichlorotetrafluoroethane

Concen: 9.261 ppbv

RT: 3.20 min Scan# 128

Delta R.T. 0.01 min

Lab File: VL037217.D

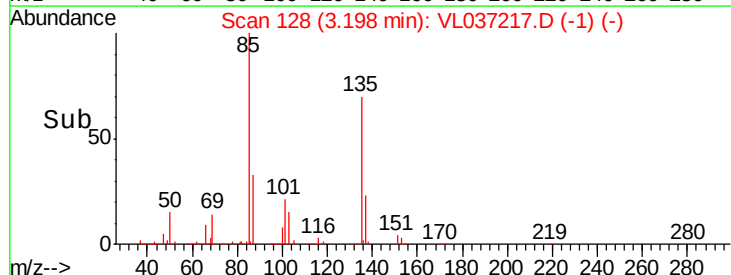
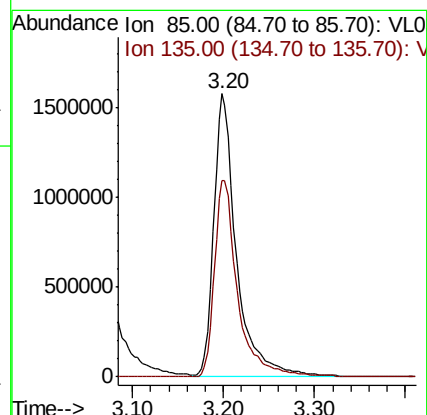
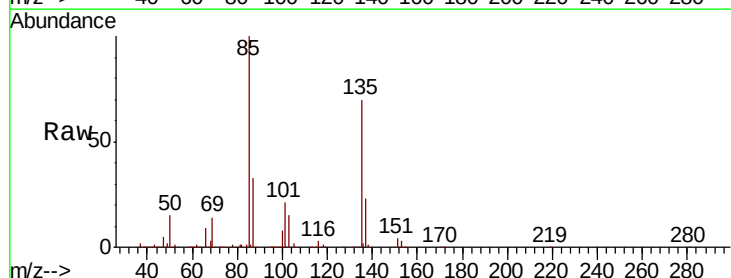
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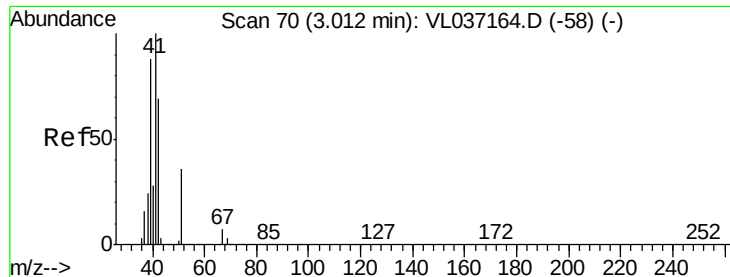
Tgt Ion: 85 Resp: 2707577

Ion Ratio Lower Upper

85 100

135 72.5 60.4 90.6





#9

Propene

Concen: 9.099 ppbv

RT: 3.02 min Scan# 73

Delta R.T. 0.01 min

Lab File: VL037217.D

Acq: 22 Jun 2021 14:25

Instrument :

MSVOA_L

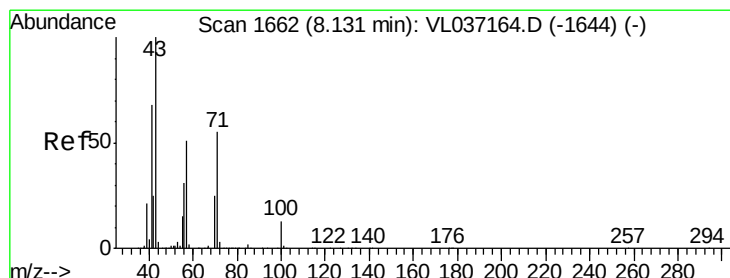
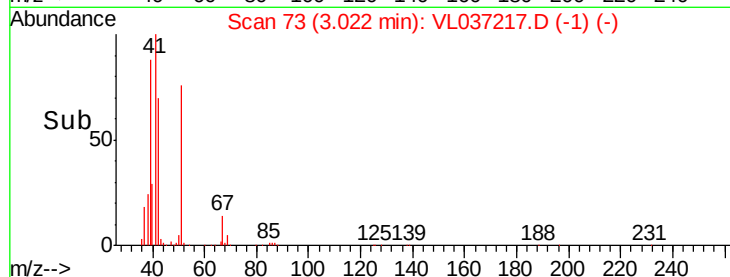
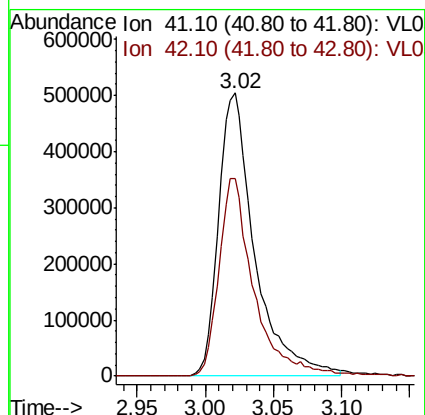
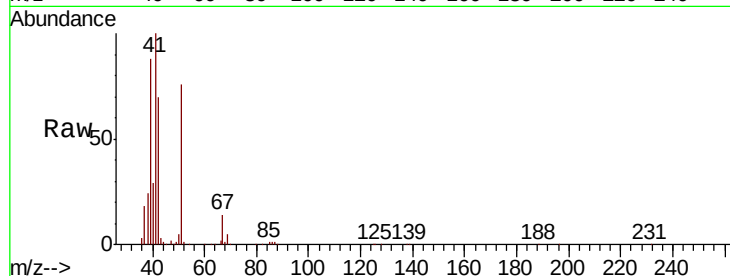
ClientSampled :

Tot Ion: 41 Resp: 927050

Ion Ratio Lower Upper

41 100

42 68.5 54.5 81.7



#10

Heptane

Concen: 9.508 ppbv

RT: 8.14 min Scan# 1665

Delta R.T. 0.01 min

Lab File: VL037217.D

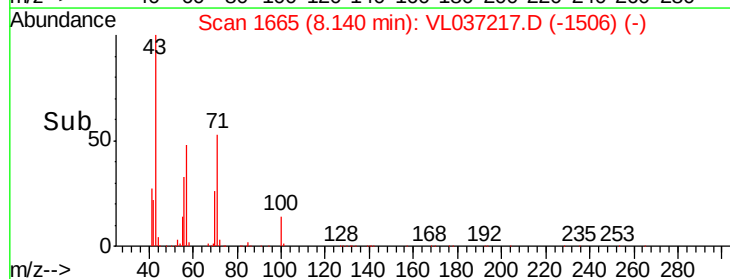
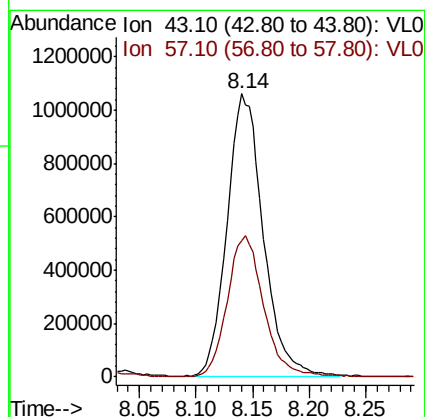
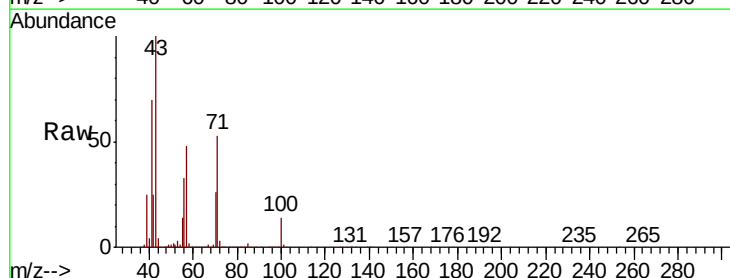
Acq: 22 Jun 2021 14:25

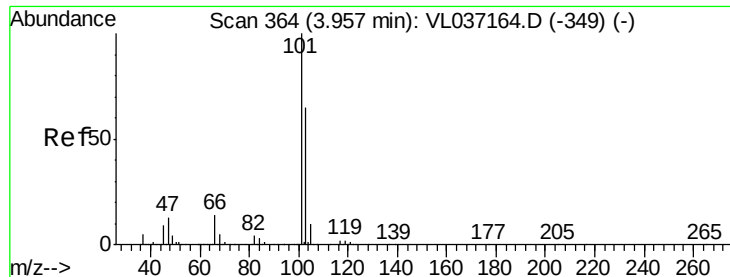
Tgt Ion: 43 Resp: 2346229

Ion Ratio Lower Upper

43 100

57 50.6 40.6 61.0





#11

Trichlorofluoromethane

Concen: 9.078 ppbv

RT: 3.96 min Scan# 366

Delta R.T. 0.01 min

Lab File: VL037217.D

Acq: 22 Jun 2021 14:25

Instrument :

MSVOA_L

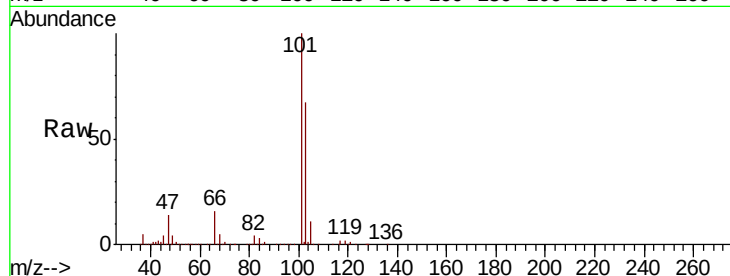
ClientSampleId :

Tot Ion:101 Resp: 2760683

Ion Ratio Lower Upper

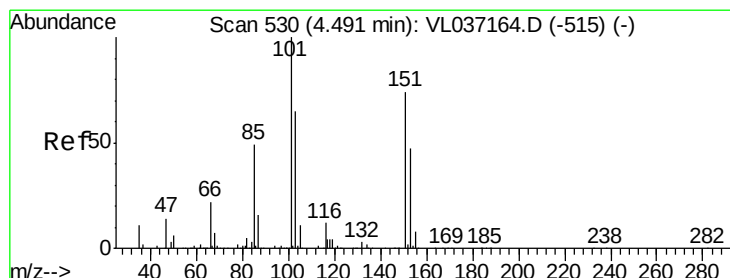
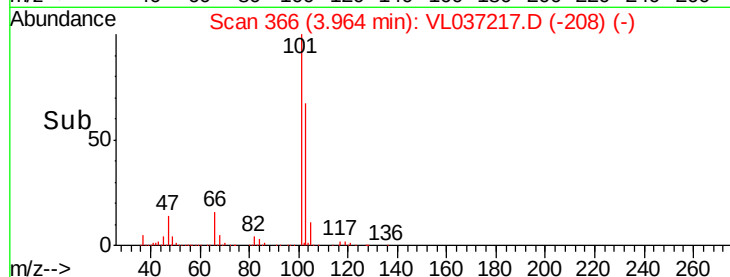
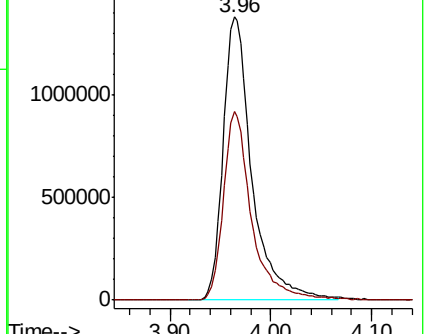
101 100

103 66.8 52.2 78.4



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V



#12

1,1,2-Trichlorotrifluoroethane

Concen: 9.607 ppbv

RT: 4.50 min Scan# 534

Delta R.T. 0.01 min

Lab File: VL037217.D

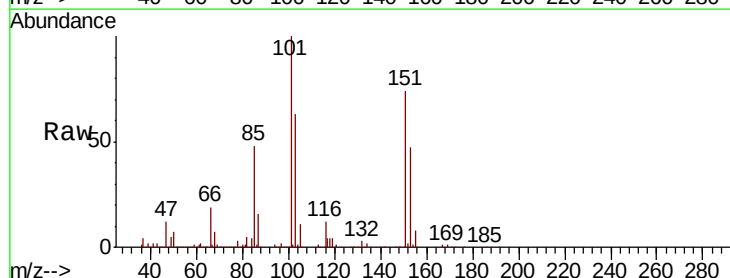
Acq: 22 Jun 2021 14:25

Tgt Ion:101 Resp: 2059492

Ion Ratio Lower Upper

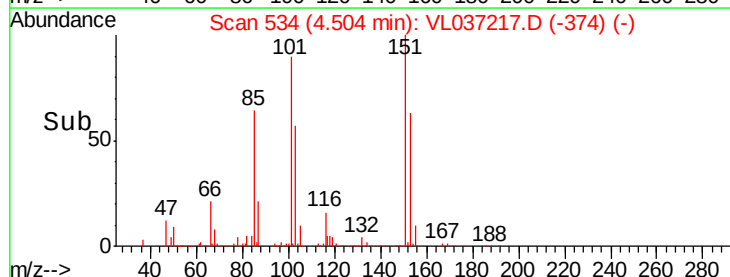
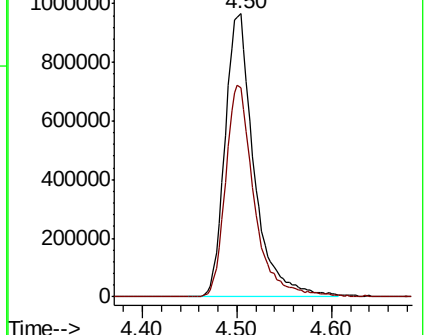
101 100

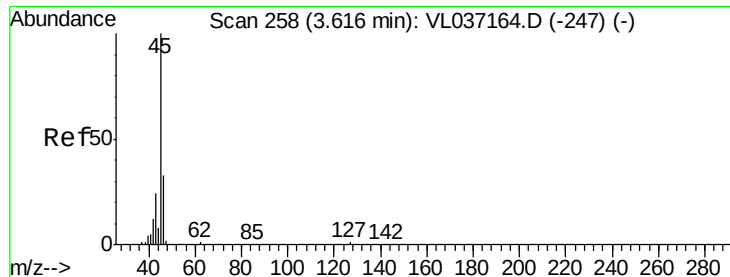
151 74.4 59.1 88.7



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 151.00 (150.70 to 151.70): V

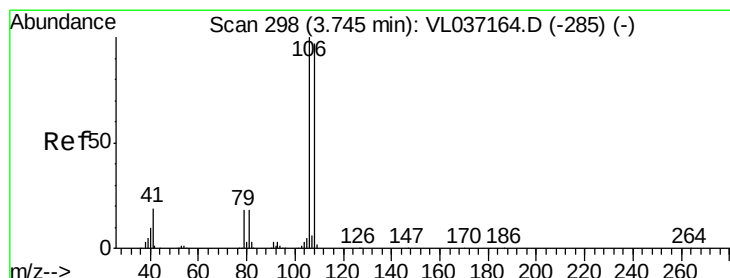
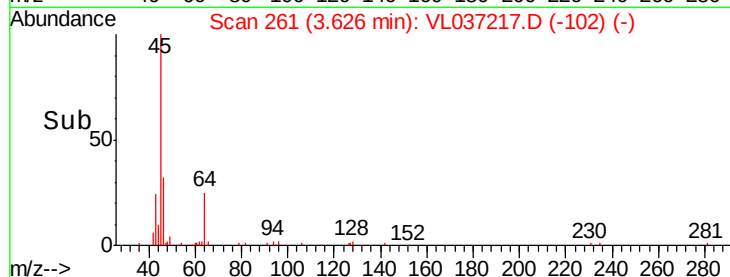
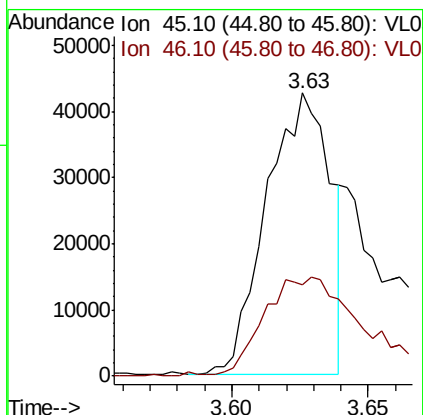
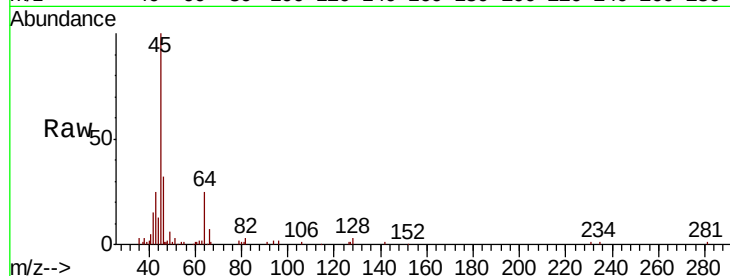




#13
Ethanol
Concen: 4.402 ppbv
RT: 3.63 min Scan# 261
Delta R.T. 0.01 min
Lab File: VL037217.D
Acq: 22 Jun 2021 14:25

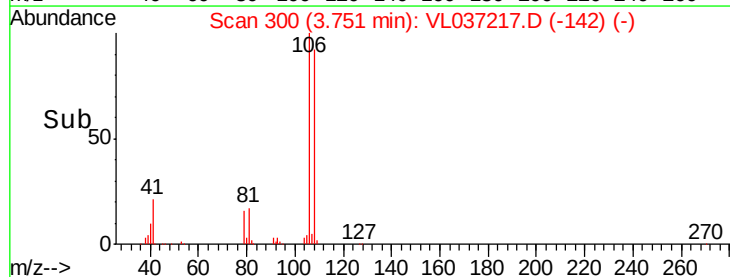
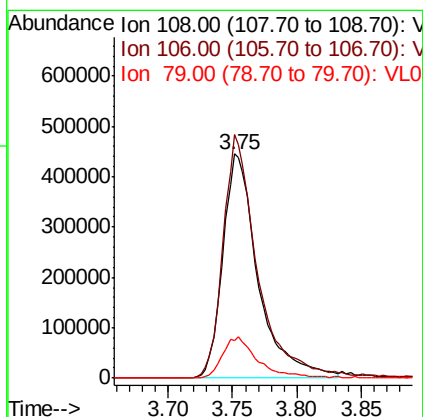
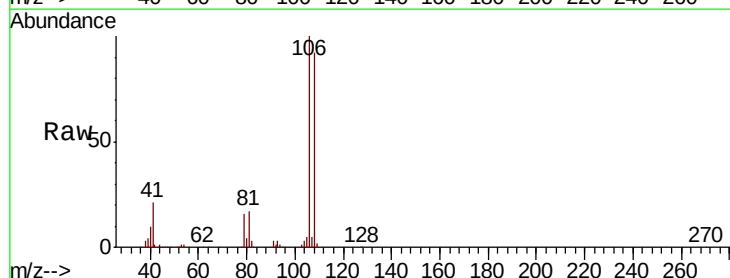
Instrument :
MSVOA_L
ClientSampled :

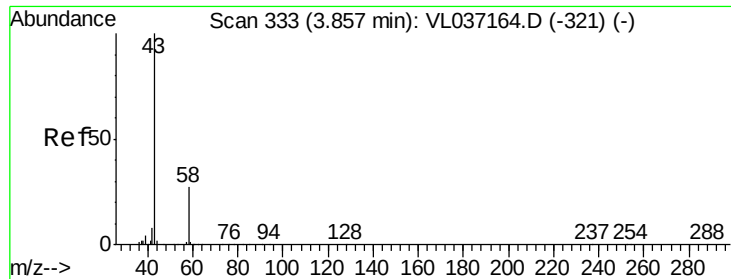
Tot Ion: 45 Resp: 69381
Ion Ratio Lower Upper
45 100
46 64.6 34.2 137.0



#14
Bromoethene
Concen: 9.472 ppbv
RT: 3.75 min Scan# 300
Delta R.T. 0.01 min
Lab File: VL037217.D
Acq: 22 Jun 2021 14:25

Tgt Ion: 108 Resp: 847456
Ion Ratio Lower Upper
108 100
106 107.4 86.8 130.2
79 19.3 15.6 23.4

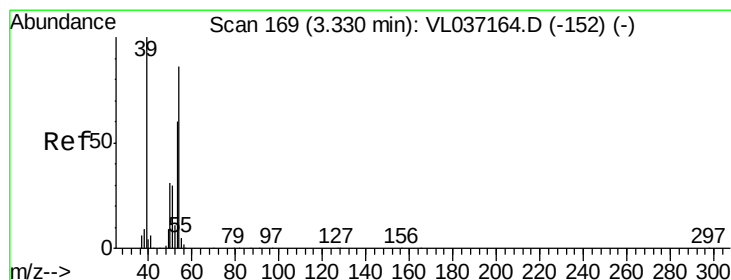
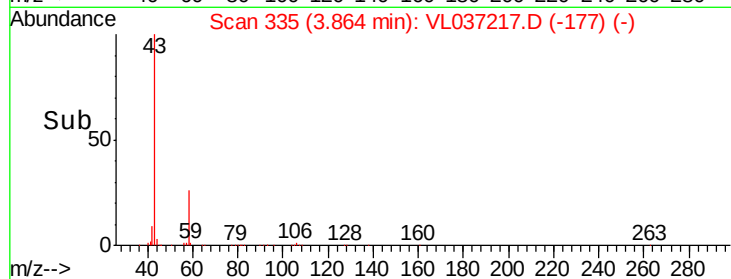
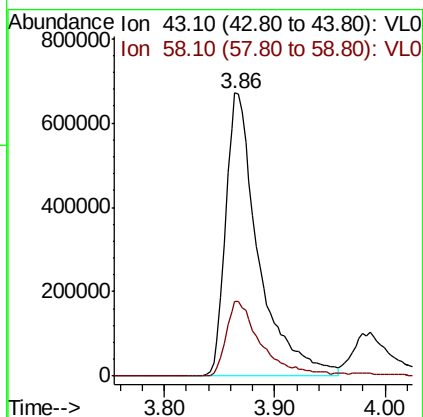
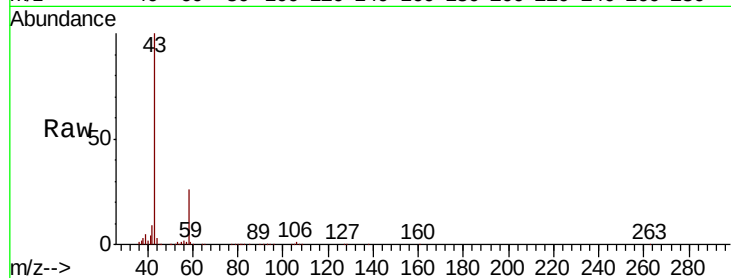




#15
Acetone
Concen: 7.512 ppbv
RT: 3.86 min Scan# 335
Delta R.T. 0.01 min
Lab File: VL037217.D
Acq: 22 Jun 2021 14:25

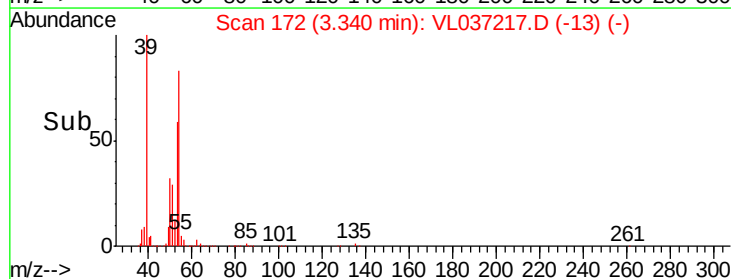
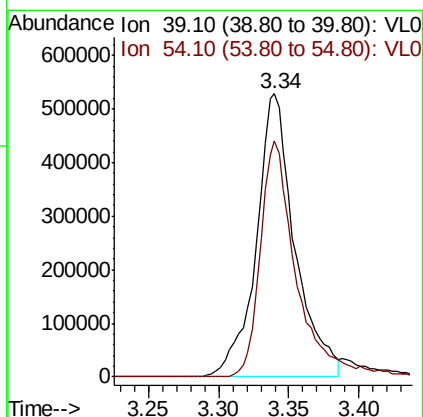
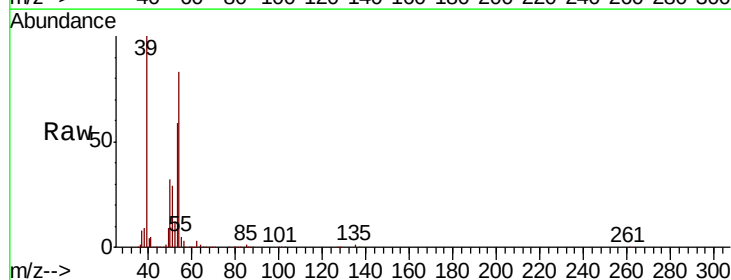
Instrument :
MSVOA_L
ClientSampleId :

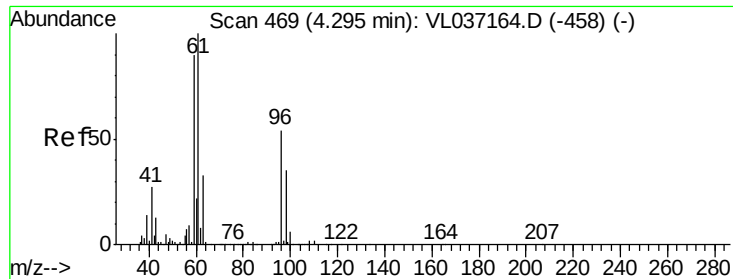
Tot Ion: 43 Resp: 1388213
Ion Ratio Lower Upper
43 100
58 28.5 23.7 35.5



#16
1,3-Butadiene
Concen: 9.221 ppbv
RT: 3.34 min Scan# 172
Delta R.T. 0.01 min
Lab File: VL037217.D
Acq: 22 Jun 2021 14:25

Tgt Ion: 39 Resp: 1007434
Ion Ratio Lower Upper
39 100
54 79.2 61.2 91.8



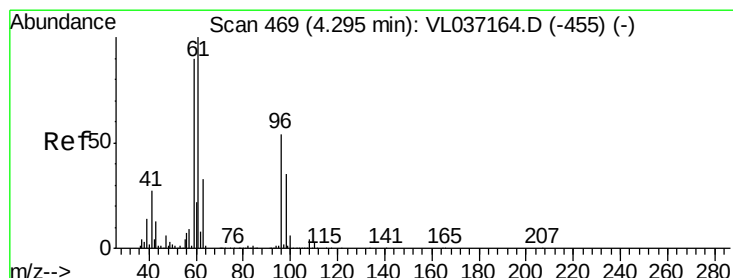
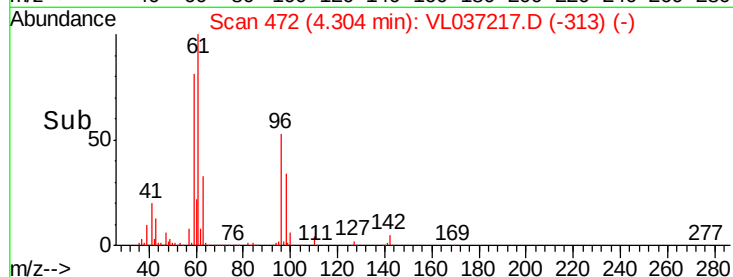
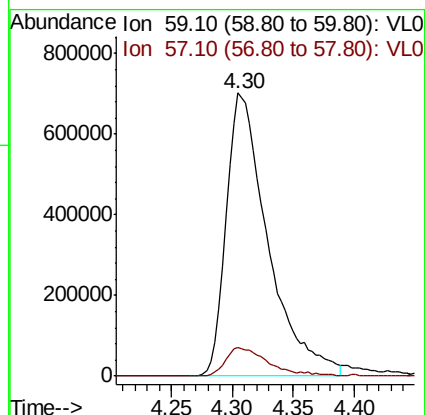
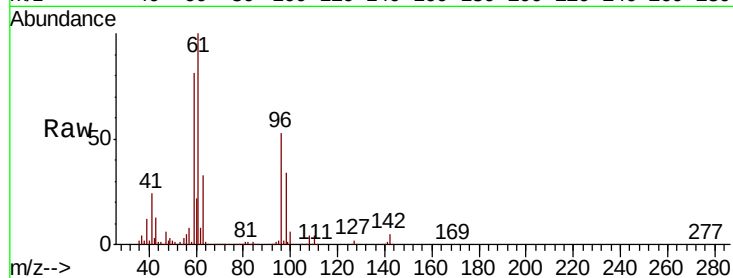


#17

tert-Butyl alcohol
Concen: 9.824 ppbv
RT: 4.30 min Scan# 472
Delta R.T. 0.01 min
Lab File: VL037217.D
Acq: 22 Jun 2021 14:25

Instrument :
MSVOA_L
ClientSampleId :

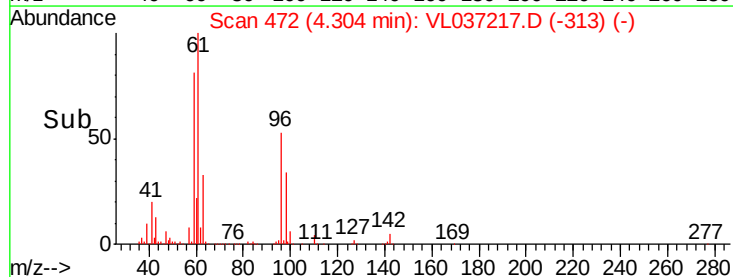
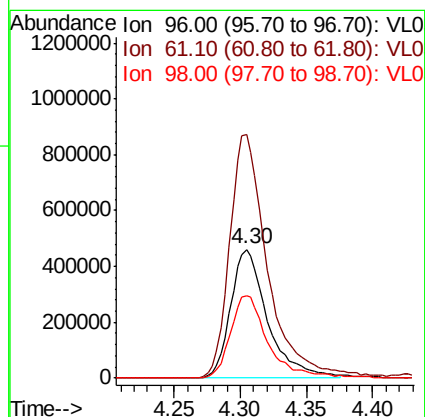
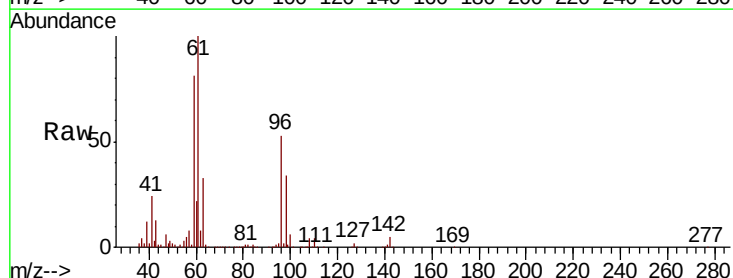
Tot Ion: 59 Resp: 1677913
Ion Ratio Lower Upper
59 100
57 10.8 8.8 13.2

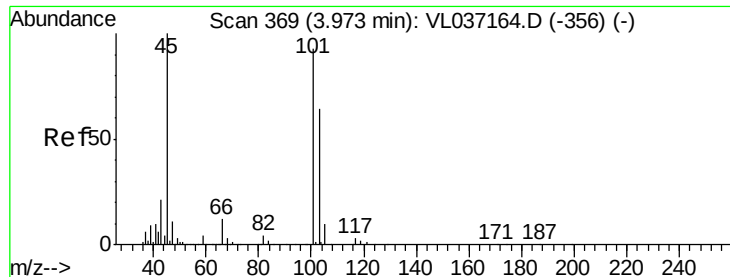


#18

1,1-Dichloroethene
Concen: 9.419 ppbv
RT: 4.30 min Scan# 472
Delta R.T. 0.01 min
Lab File: VL037217.D
Acq: 22 Jun 2021 14:25

Tgt Ion: 96 Resp: 894759
Ion Ratio Lower Upper
96 100
61 189.0 148.6 222.8
98 63.7 51.9 77.9





#19

Isopropyl Alcohol

Concen: 7.766 ppbv

RT: 3.98 min Scan# 372

Delta R.T. 0.01 min

Lab File: VL037217.D

Acq: 22 Jun 2021 14:25

Instrument :

MSVOA_L

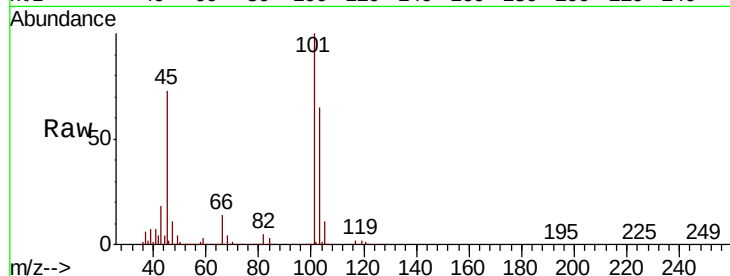
ClientSampleId :

Tot Ion: 45 Resp: 869274

Ion Ratio Lower Upper

45 100

58 2.1 2.4 3.6#



Abundance Ion 45.10 (44.80 to 45.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

3.98

400000

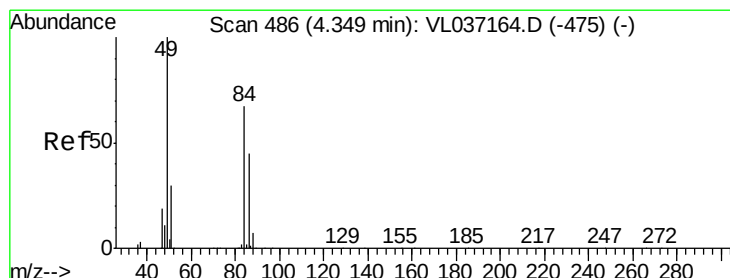
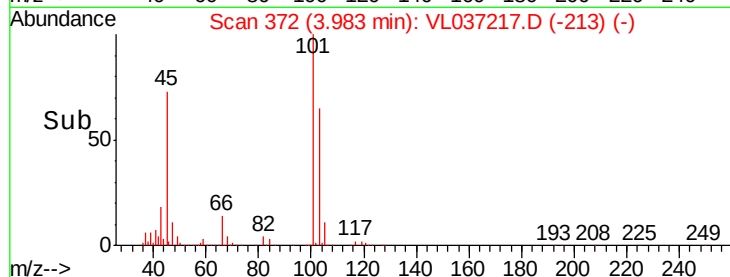
300000

200000

100000

0

Time-->



#20

Methylene Chloride

Concen: 7.188 ppbv

RT: 4.36 min Scan# 489

Delta R.T. 0.01 min

Lab File: VL037217.D

Acq: 22 Jun 2021 14:25

Tgt Ion: 84 Resp: 795276

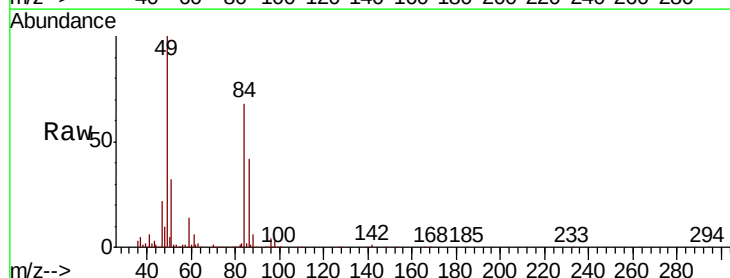
Ion Ratio Lower Upper

84 100

49 145.3 119.7 179.5

51 45.5 36.1 54.1

86 62.5 53.7 80.5



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

800000

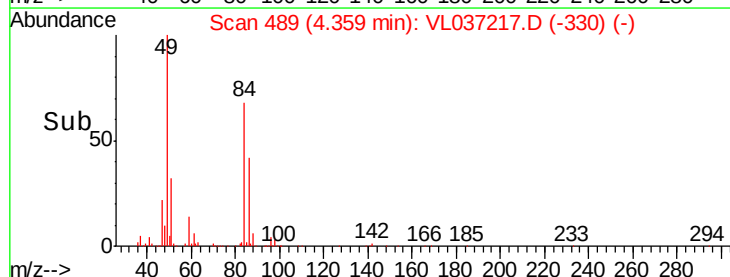
600000

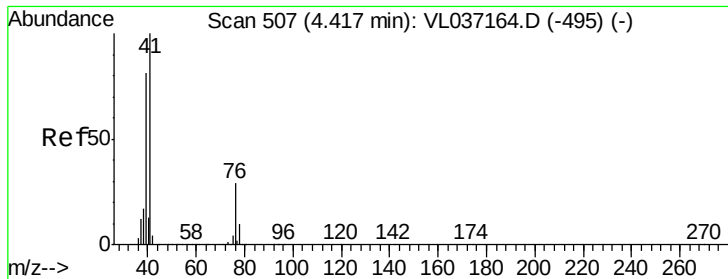
400000

200000

0

Time-->

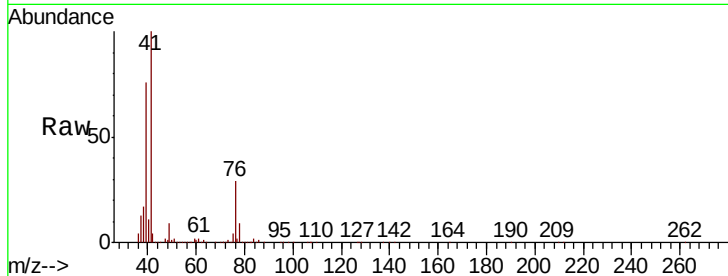




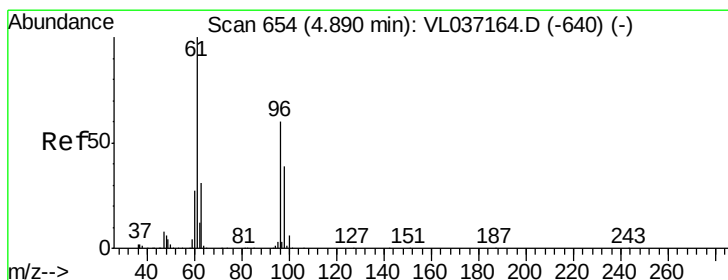
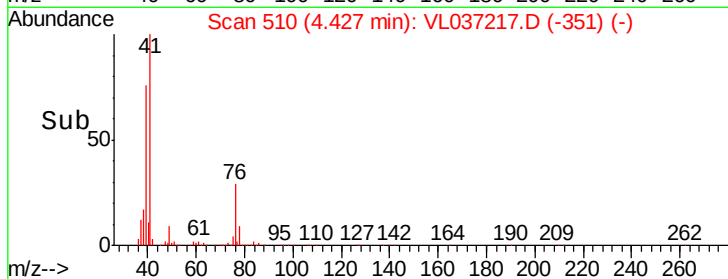
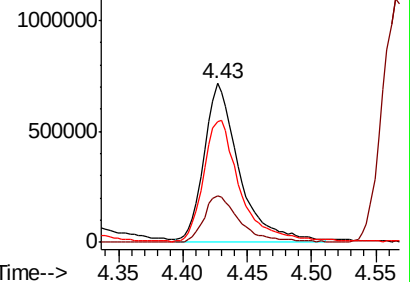
#21
Allvl Chloride
Concen: 9.659 ppbv
RT: 4.43 min Scan# 510
Delta R.T. 0.01 min
Lab File: VL037217.D
Acq: 22 Jun 2021 14:25

Instrument :
MSVOA_L
ClientSampled :

Tot Ion: 41 Resp: 1345455
Ion Ratio Lower Upper
41 100
76 30.4 24.6 37.0
39 79.2 65.4 98.0

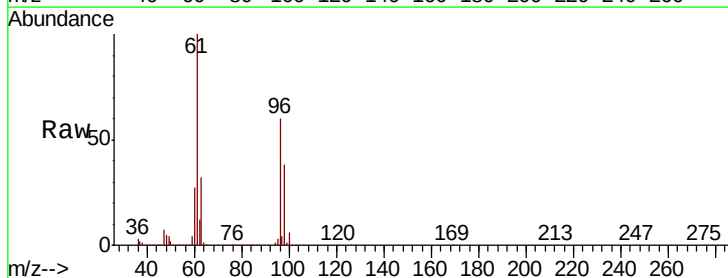


Abundance Ion 41.10 (40.80 to 41.80): VL0
Ion 76.10 (75.80 to 76.80): VL0
Ion 39.10 (38.80 to 39.80): VL0

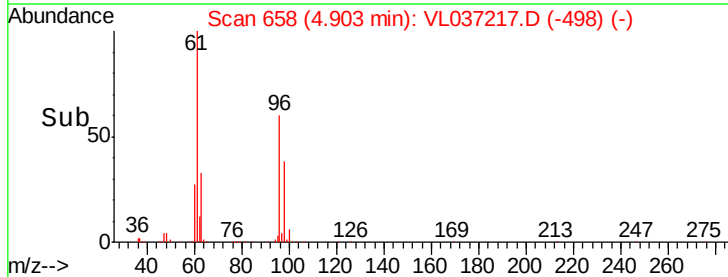
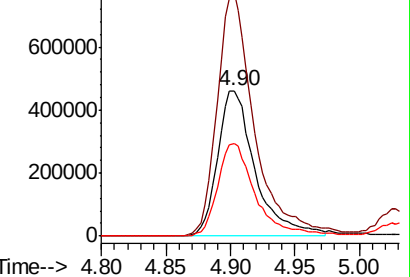


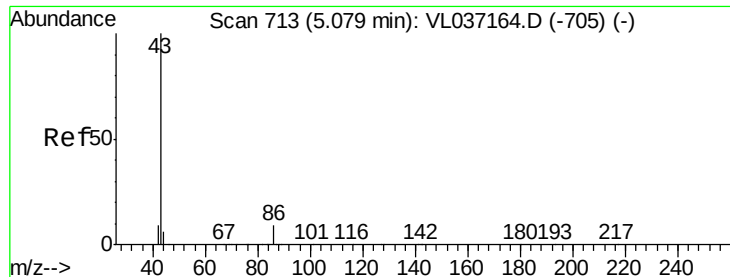
#22
trans-1,2-Dichloroethene
Concen: 9.930 ppbv
RT: 4.90 min Scan# 658
Delta R.T. 0.01 min
Lab File: VL037217.D
Acq: 22 Jun 2021 14:25

Tgt Ion: 96 Resp: 933444
Ion Ratio Lower Upper
96 100
61 167.0 133.9 200.9
98 63.6 52.9 79.3



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





#23

Vinyl Acetate

Concen: 8.644 ppbv

RT: 5.09 min Scan# 717

Delta R.T. 0.01 min

Lab File: VL037217.D

Acq: 22 Jun 2021 14:25

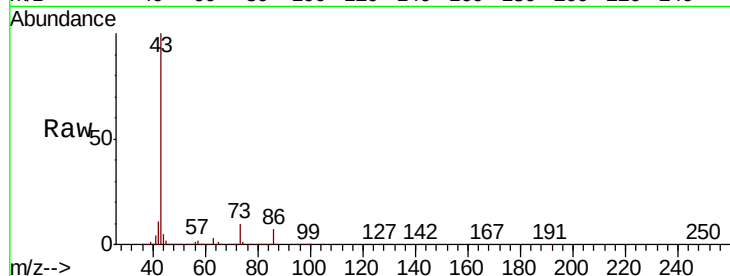
Instrument :

MSVOA_L

ClientSampleId :

Tot Ion: 43 Resp: 2290445

Ion	Ratio	Lower	Upper
43	100		
86	7.2	5.8	8.8
42	10.5	8.2	12.2
44	4.7	4.2	6.4

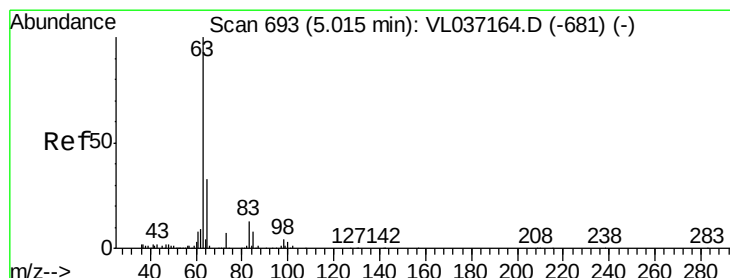
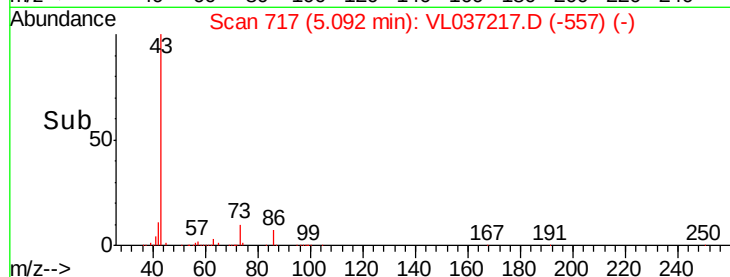


Abundance Ion 43.10 (42.80 to 43.80): VL0

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: 8.708 ppbv

RT: 5.02 min Scan# 696

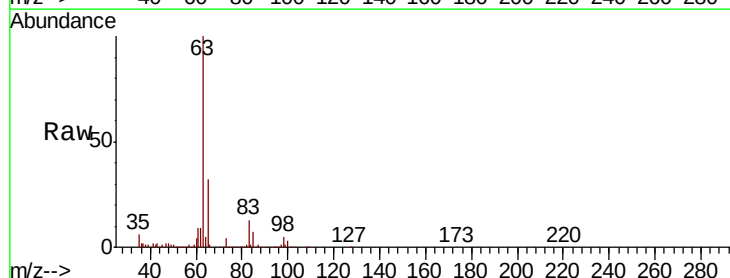
Delta R.T. 0.01 min

Lab File: VL037217.D

Acq: 22 Jun 2021 14:25

Tgt Ion: 63 Resp: 1857715

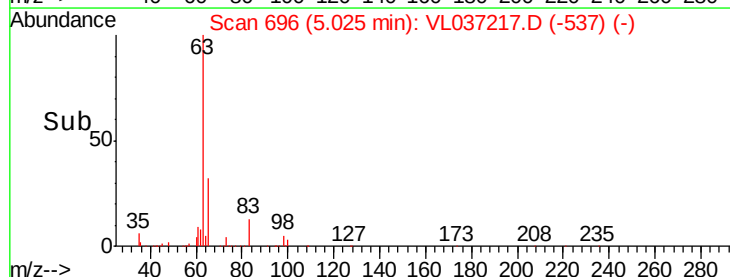
Ion	Ratio	Lower	Upper
63	100		
98	4.7	2.1	6.5
100	2.6	1.4	4.0

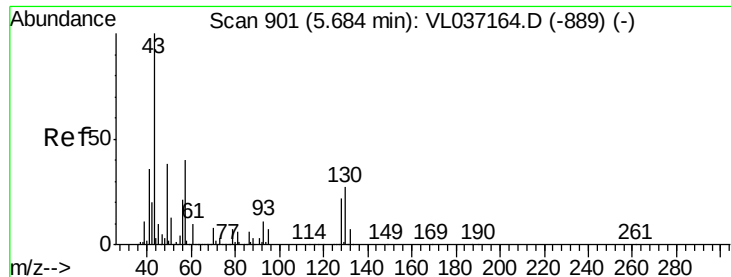


Abundance Ion 63.10 (62.80 to 63.80): VL0

Ion 98.00 (97.70 to 98.70): VL0

Ion 100.00 (99.70 to 100.70): VL0



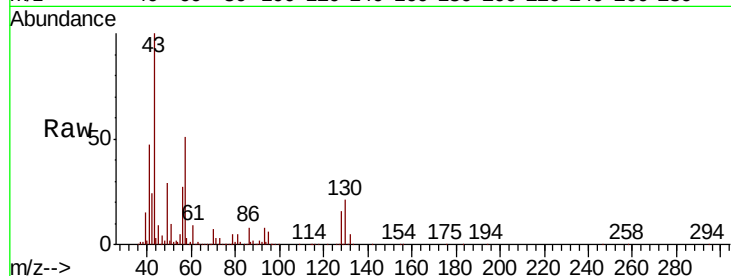


#25
Ethyl Acetate
Concen: 9.054 ppbv
RT: 5.70 min Scan# 906
Delta R.T. 0.02 min
Lab File: VL037217.D
Acq: 22 Jun 2021 14:25

Instrument :
MSVOA_L
ClientSampleId :

Tot Ion: 43 Resp: 3622376

Ion	Ratio	Lower	Upper
43	100		
45	10.0	8.0	12.0
61	9.8	8.1	12.1
70	7.0	5.5	8.3



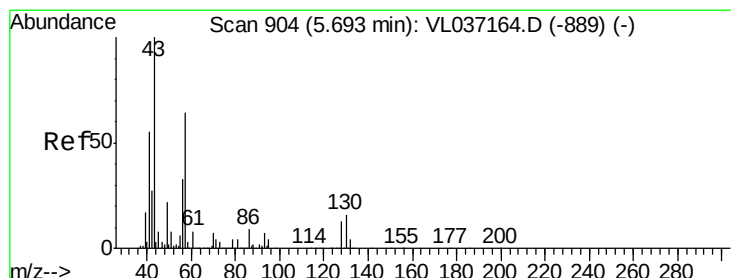
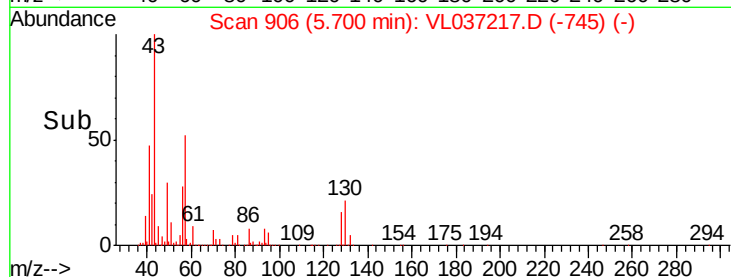
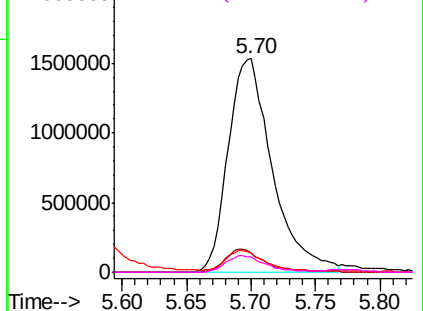
Abundance

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

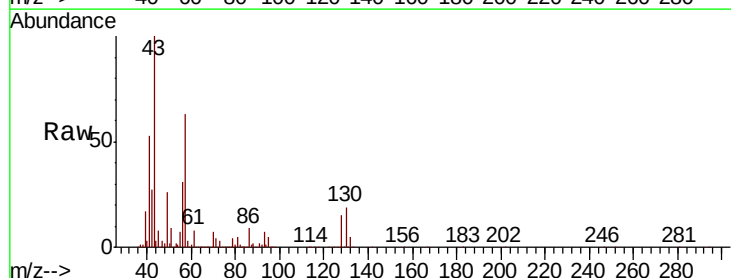
Ion 70.10 (69.80 to 70.80): VL0



#26
Hexane
Concen: 8.820 ppbv
RT: 5.70 min Scan# 907
Delta R.T. 0.01 min
Lab File: VL037217.D
Acq: 22 Jun 2021 14:25

Tgt Ion: 57 Resp: 1783365

Ion	Ratio	Lower	Upper
57	100		
41	91.6	73.5	110.3
43	209.8	170.7	256.1
56	52.2	42.4	63.6



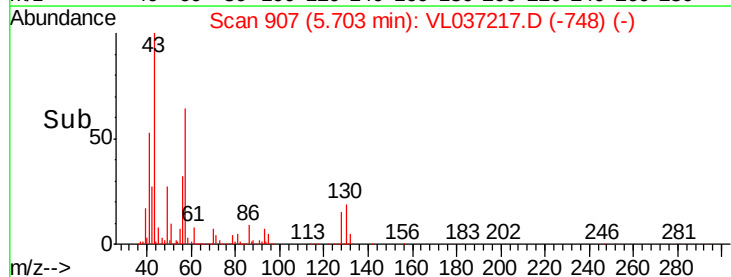
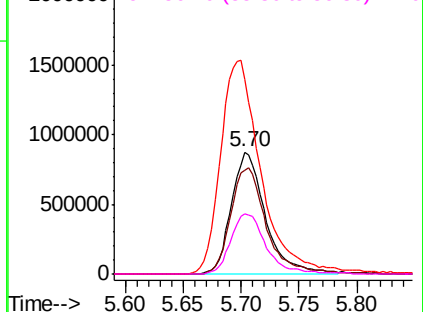
Abundance

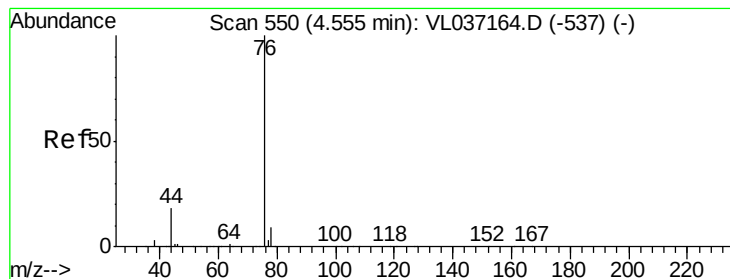
Ion 57.10 (56.80 to 57.80): VL0

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: 11.156 ppbv

RT: 4.56 min Scan# 553

Delta R.T. 0.01 min

Lab File: VL037217.D

Acq: 22 Jun 2021 14:25

Instrument :

MSVOA_L

ClientSampled :

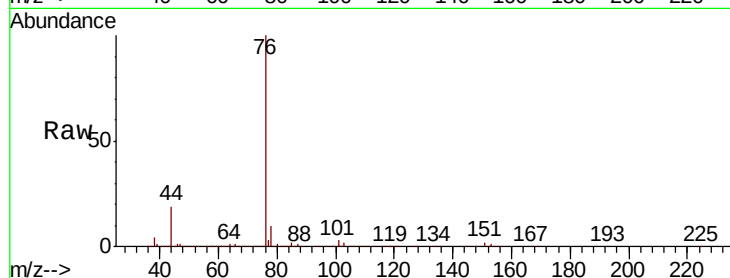
Tot Ion: 76 Resp: 2210102

Ion Ratio Lower Upper

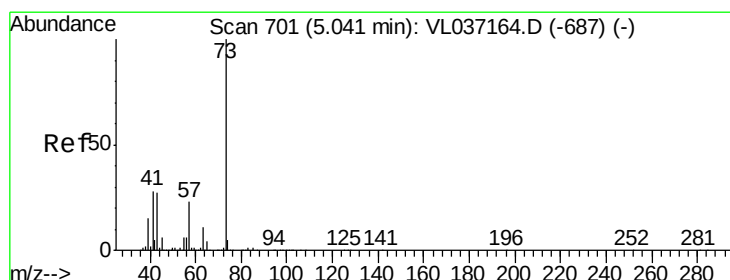
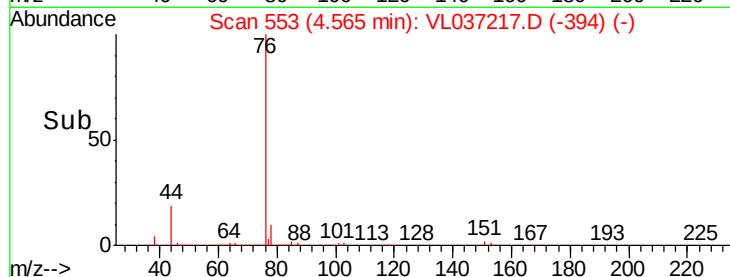
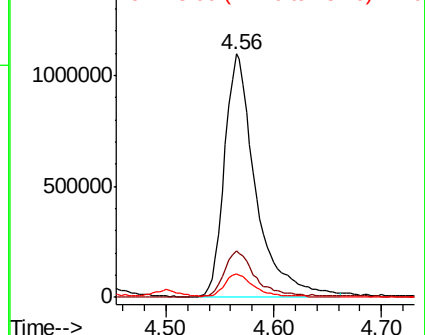
76 100

44 19.6 15.4 23.2

78 9.9 8.0 12.0



Abundance Ion 76.00 (75.70 to 76.70): VL0
Ion 44.10 (43.80 to 44.80): VL0
Ion 78.00 (77.70 to 78.70): VL0



#28

Methyl tert-Butyl Ether

Concen: 8.429 ppbv

RT: 5.05 min Scan# 705

Delta R.T. 0.01 min

Lab File: VL037217.D

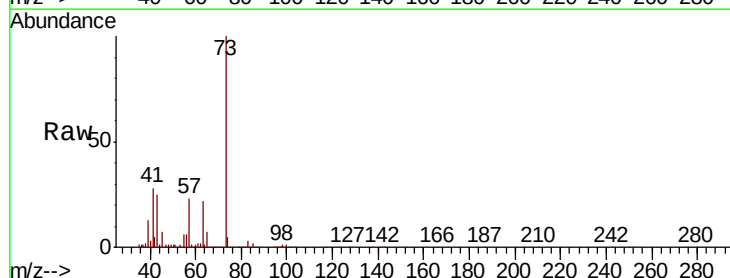
Acq: 22 Jun 2021 14:25

Tgt Ion: 73 Resp: 2049052

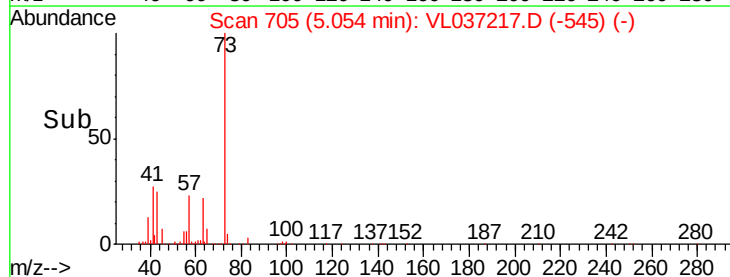
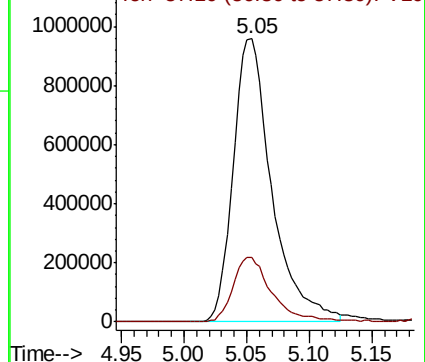
Ion Ratio Lower Upper

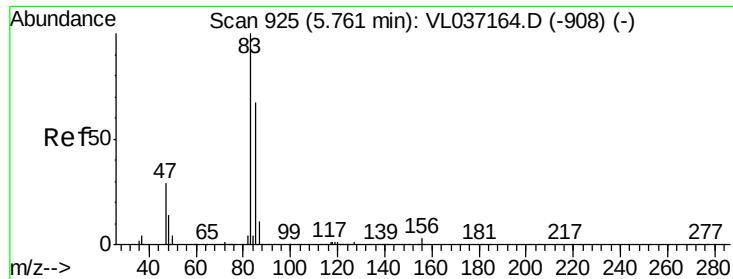
73 100

57 23.3 18.0 27.0



Abundance Ion 73.10 (72.80 to 73.80): VL0
Ion 57.10 (56.80 to 57.80): VL0

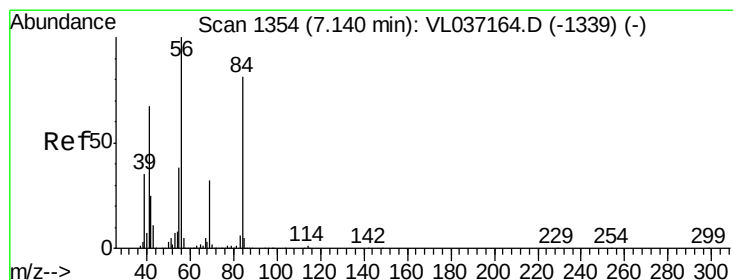
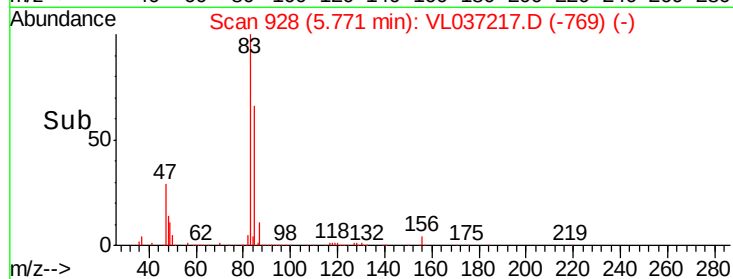
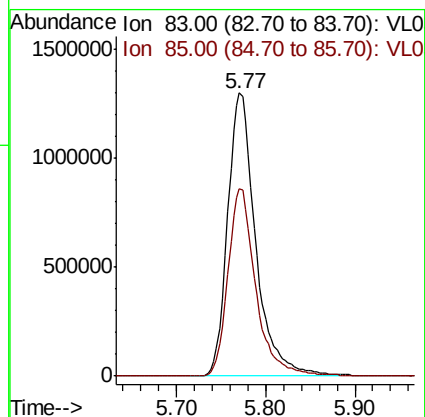
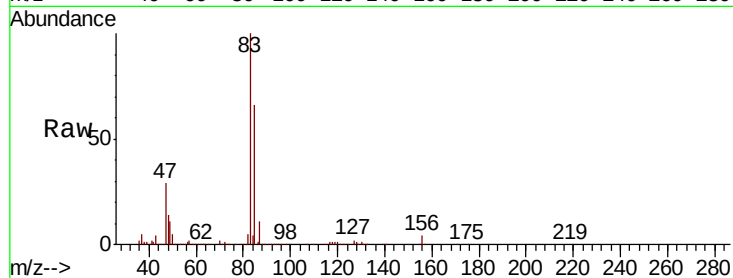




#29
Chloroform
Concen: 9.044 ppbv
RT: 5.77 min Scan# 928
Delta R.T. 0.01 min
Lab File: VL037217.D
Acq: 22 Jun 2021 14:25

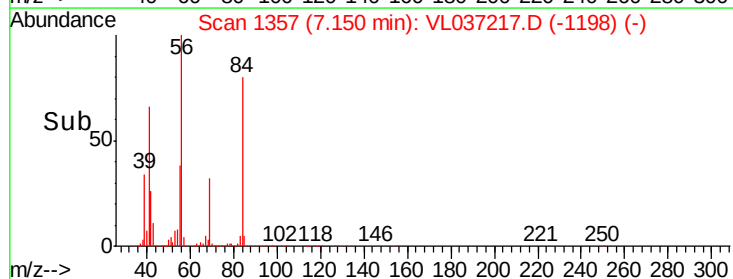
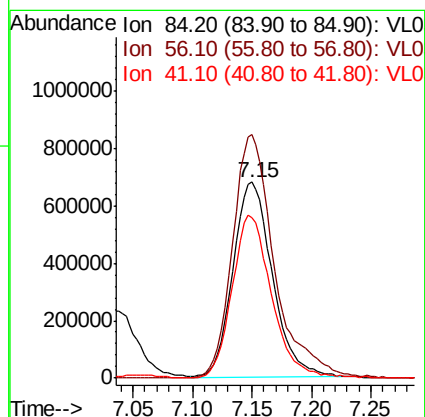
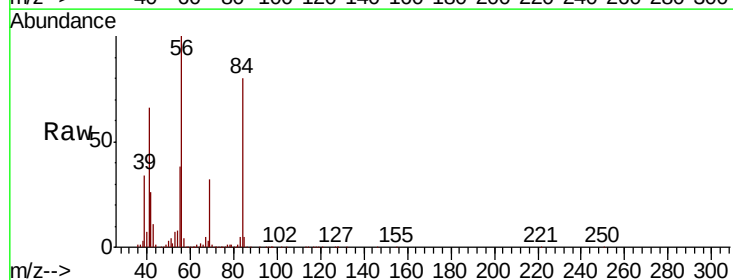
Instrument :
MSVOA_L
ClientSampled :

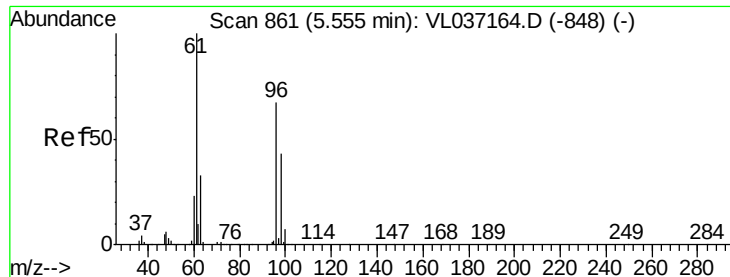
Tot Ion: 83 Resp: 2824955
Ion Ratio Lower Upper
83 100
85 66.2 53.6 80.4



#30
Cyclohexane
Concen: 9.224 ppbv
RT: 7.15 min Scan# 1357
Delta R.T. 0.01 min
Lab File: VL037217.D
Acq: 22 Jun 2021 14:25

Tgt Ion: 84 Resp: 1553971
Ion Ratio Lower Upper
84 100
56 134.4 107.7 161.5
41 83.5 69.0 103.6



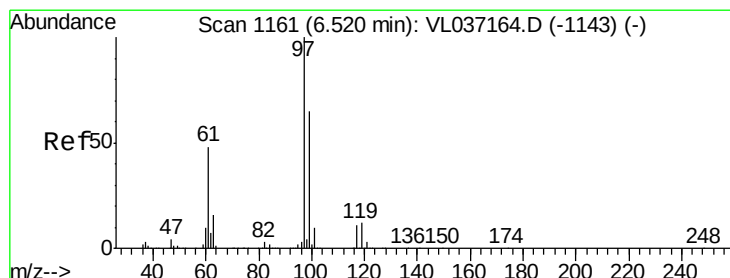
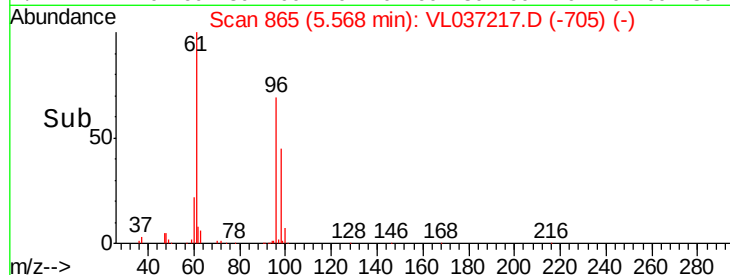
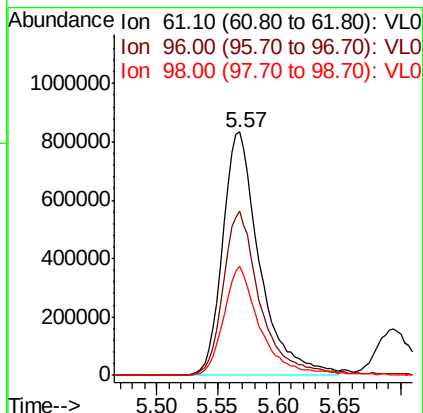
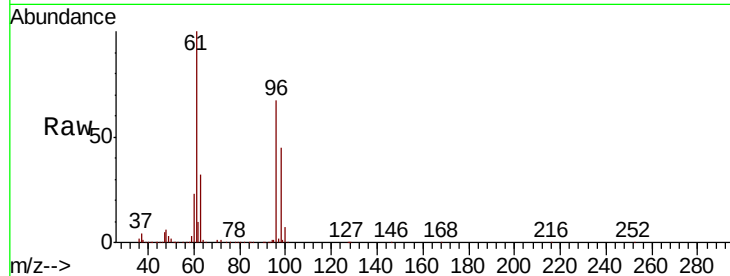


#31

cis-1,2-Dichloroethene
Concen: 9.456 ppbv
RT: 5.57 min Scan# 865
Delta R.T. 0.01 min
Lab File: VL037217.D
Acq: 22 Jun 2021 14:25

Instrument :
MSVOA_L
ClientSampled :

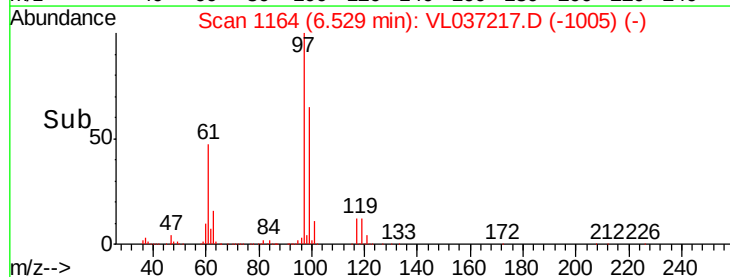
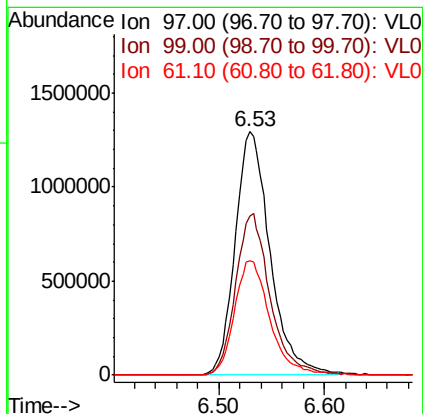
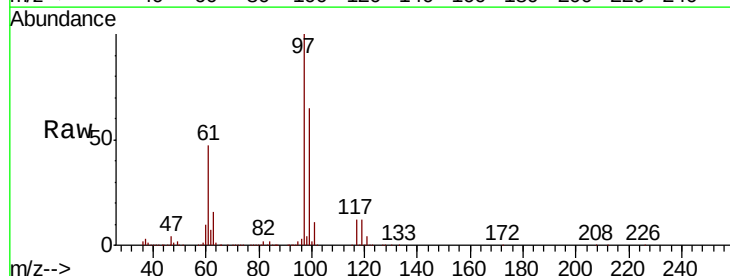
Tot Ion: 61 Resp: 1756889
Ion Ratio Lower Upper
61 100
96 67.3 53.6 80.4
98 45.0 34.7 52.1

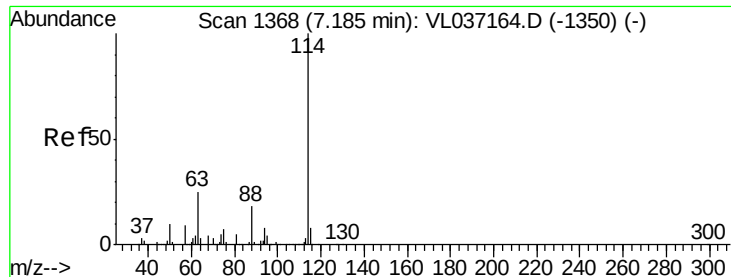


#32

1,1,1-Trichloroethane
Concen: 8.918 ppbv
RT: 6.53 min Scan# 1164
Delta R.T. 0.01 min
Lab File: VL037217.D
Acq: 22 Jun 2021 14:25

Tgt Ion: 97 Resp: 2980735
Ion Ratio Lower Upper
97 100
99 65.6 52.2 78.4
61 47.6 38.8 58.2

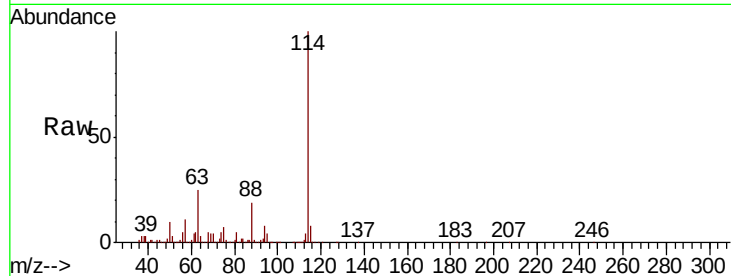




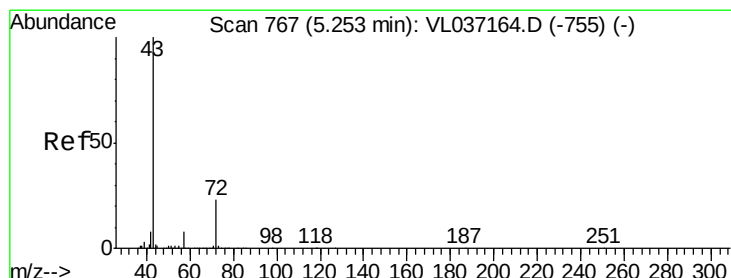
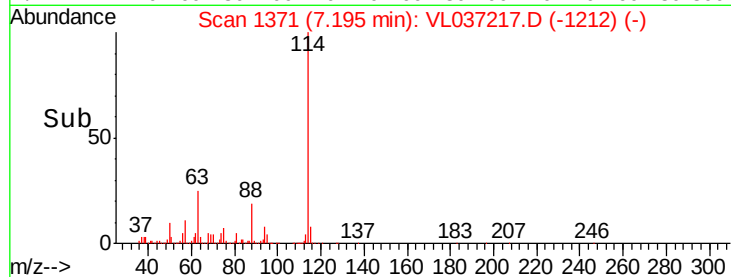
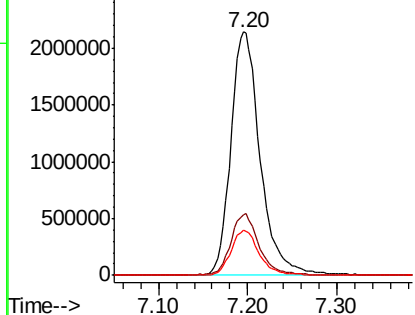
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.20 min Scan# 1371
 Delta R.T. 0.01 min
 Lab File: VL037217.D
 Acq: 22 Jun 2021 14:25

Instrument :
 MSVOA_L
 ClientSampled :

Tot Ion:114 Resp: 4875760
 Ion Ratio Lower Upper
 114 100
 63 24.6 19.6 29.4
 88 17.9 14.2 21.2

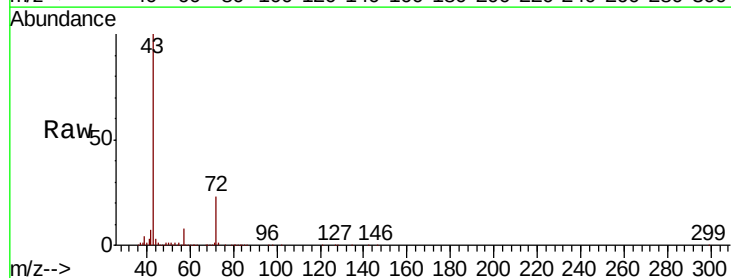


Abundance Ion 114.10 (113.80 to 114.80): V
 Ion 63.10 (62.80 to 63.80): VL0
 Ion 88.10 (87.80 to 88.80): VL0

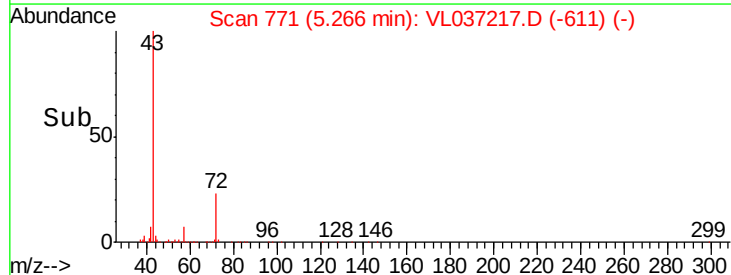
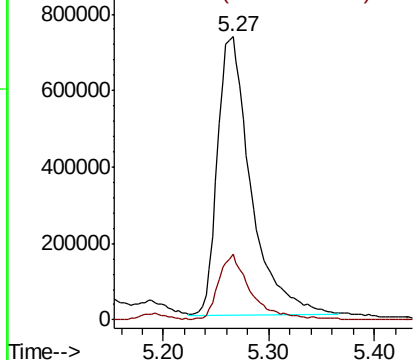


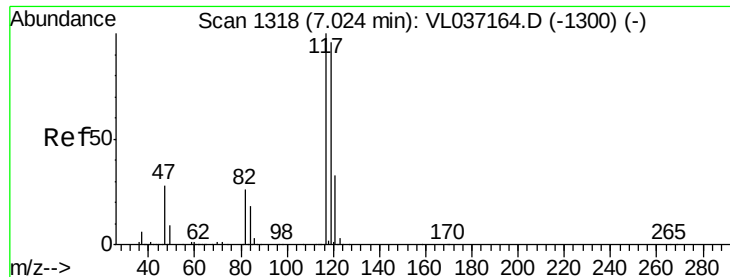
#34
 2-Butanone
 Concen: 8.526 ppbv
 RT: 5.27 min Scan# 771
 Delta R.T. 0.01 min
 Lab File: VL037217.D
 Acq: 22 Jun 2021 14:25

Tgt Ion: 43 Resp: 1616697
 Ion Ratio Lower Upper
 43 100
 72 23.0 18.9 28.3



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

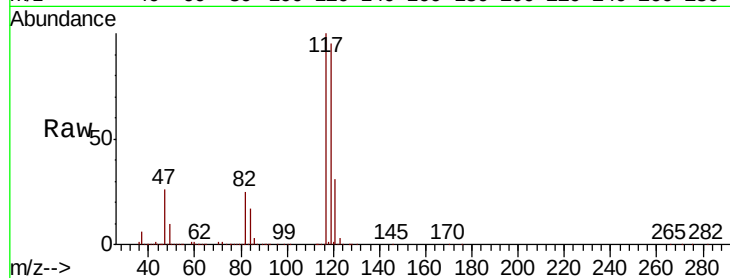




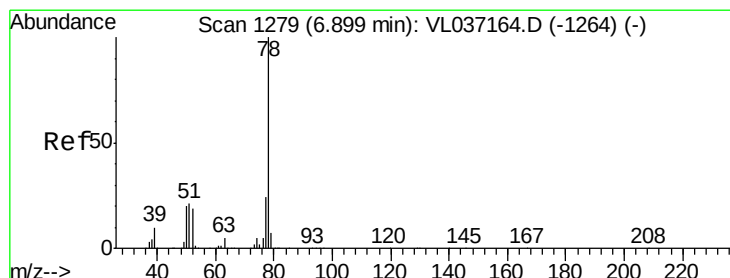
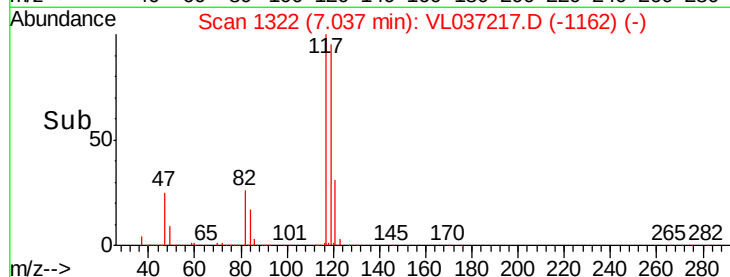
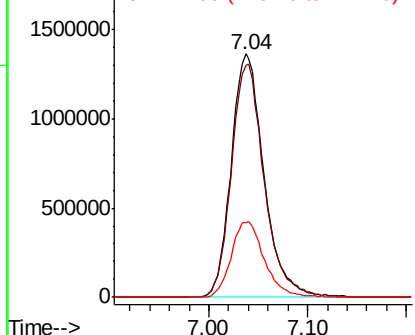
#35
Carbon Tetrachloride
Concen: 9.622 ppbv
RT: 7.04 min Scan# 1322
Delta R.T. 0.01 min
Lab File: VL037217.D
Acq: 22 Jun 2021 14:25

Instrument :
MSVOA_L
ClientSampleId :

Tot Ion:117 Resp: 3146517
Ion Ratio Lower Upper
117 100
119 95.1 76.6 114.8
121 30.8 26.4 39.6

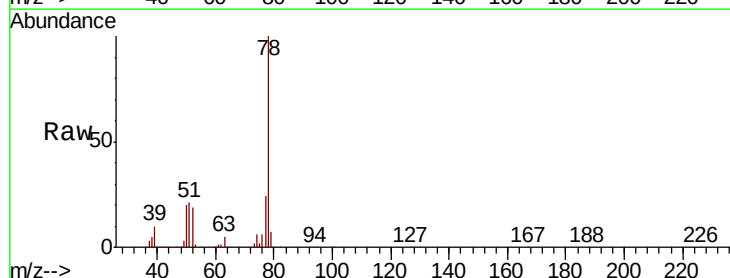


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 119.00 (118.70 to 119.70): V
Ion 121.00 (120.70 to 121.70): V

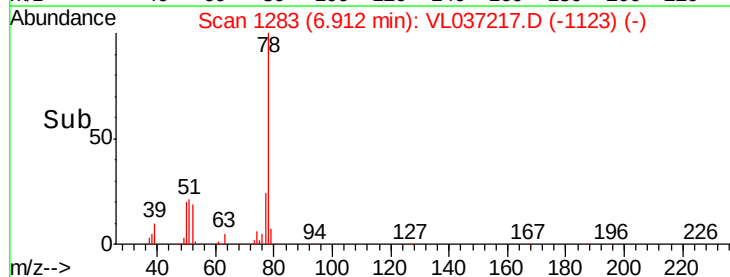
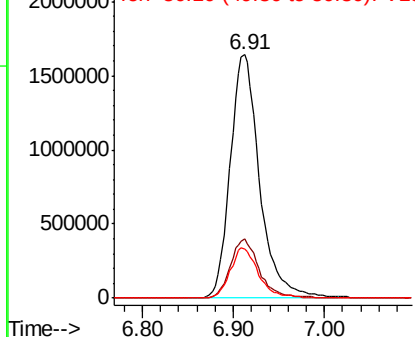


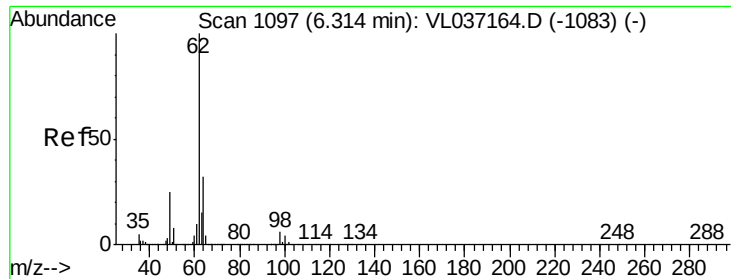
#36
Benzene
Concen: 9.337 ppbv
RT: 6.91 min Scan# 1283
Delta R.T. 0.01 min
Lab File: VL037217.D
Acq: 22 Jun 2021 14:25

Tgt Ion: 78 Resp: 3681466
Ion Ratio Lower Upper
78 100
77 24.2 19.0 28.6
50 20.2 15.7 23.5



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: 9.287 ppbv

RT: 6.33 min Scan# 1101

Delta R.T. 0.01 min

Lab File: VL037217.D

Acq: 22 Jun 2021 14:25

Instrument :

MSVOA_L

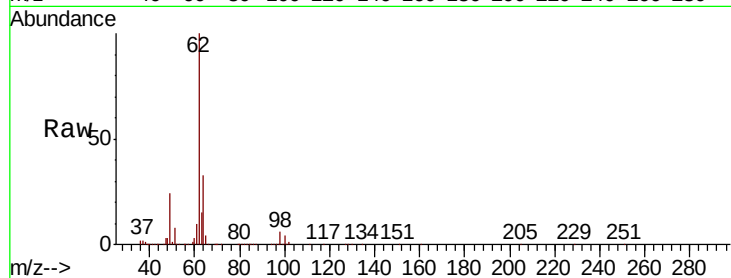
ClientSampled :

Tot Ion: 62 Resp: 2127058

Ion Ratio Lower Upper

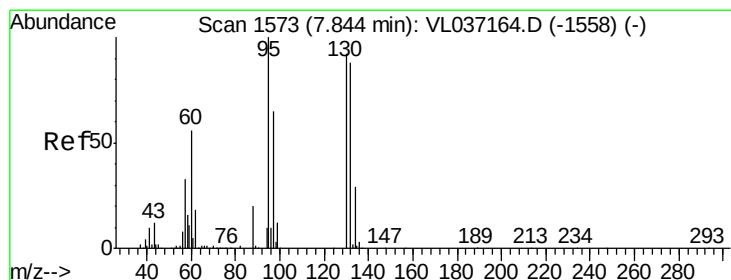
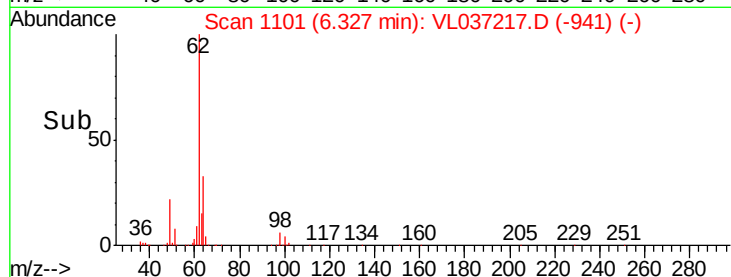
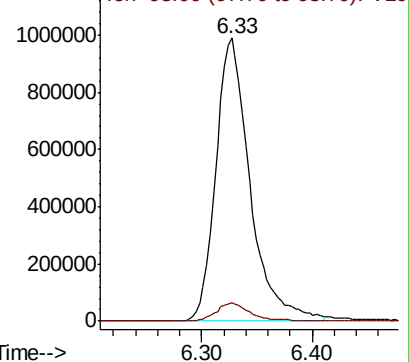
62 100

98 6.6 5.0 7.6



Abundance Ion 62.10 (61.80 to 62.80): VL0

Ion 98.00 (97.70 to 98.70): VL0



#38

Trichloroethene

Concen: 8.365 ppbv

RT: 7.86 min Scan# 1577

Delta R.T. 0.01 min

Lab File: VL037217.D

Acq: 22 Jun 2021 14:25

Tgt Ion:130 Resp: 1567790

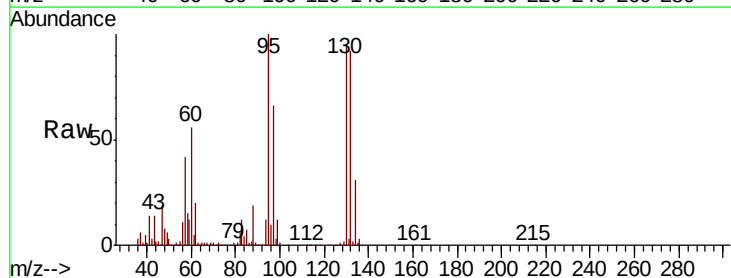
Ion Ratio Lower Upper

130 100

95 105.0 86.6 129.8

132 96.4 76.6 114.8

97 69.4 56.1 84.1

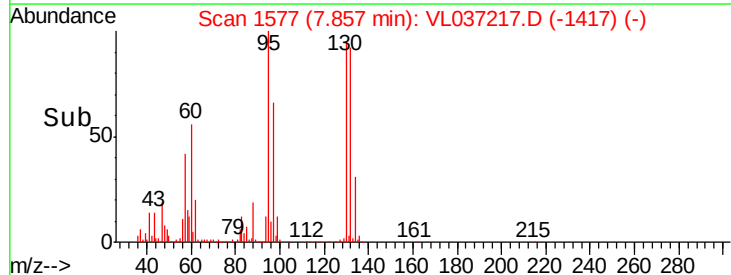
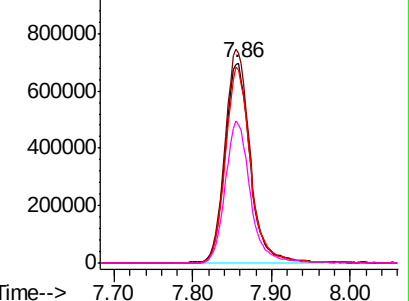


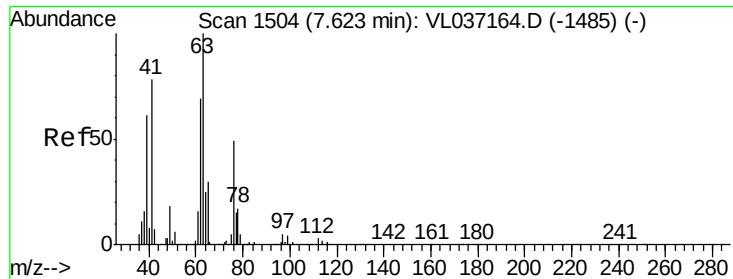
Abundance Ion 130.00 (129.70 to 130.70): V

Ion 95.00 (94.70 to 95.70): VL0

Ion 132.00 (131.70 to 132.70): V

Ion 97.00 (96.70 to 97.70): VL0





#39

1,2-Dichloropropane

Concen: 9.723 ppbv

RT: 7.64 min Scan# 1508

Delta R.T. 0.01 min

Lab File: VL037217.D

Acq: 22 Jun 2021 14:25

Instrument :

MSVOA_L

ClientSampleId :

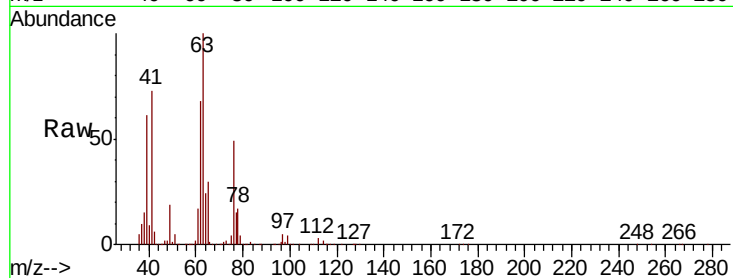
Tot Ion: 63 Resp: 1424448

Ion Ratio Lower Upper

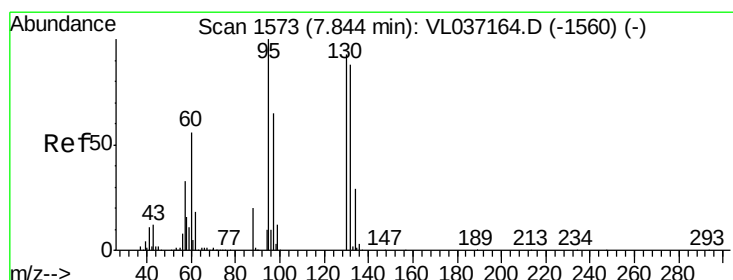
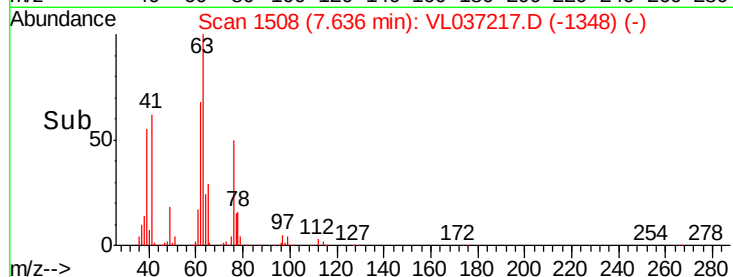
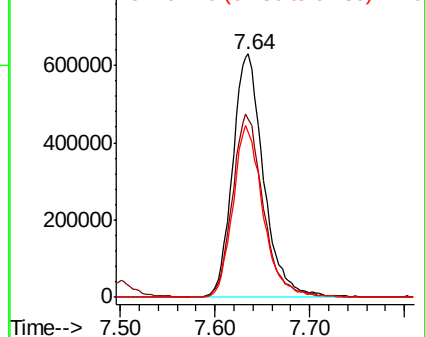
63 100

41 72.9 62.0 93.0

62 68.0 54.9 82.3



Abundance Ion 63.10 (62.80 to 63.80): VL0
Ion 41.10 (40.80 to 41.80): VL0
Ion 62.10 (61.80 to 62.80): VL0



#40

1,4-Dioxane

Concen: 8.336 ppbv

RT: 7.86 min Scan# 1577

Delta R.T. 0.01 min

Lab File: VL037217.D

Acq: 22 Jun 2021 14:25

Tgt Ion: 88 Resp: 334924

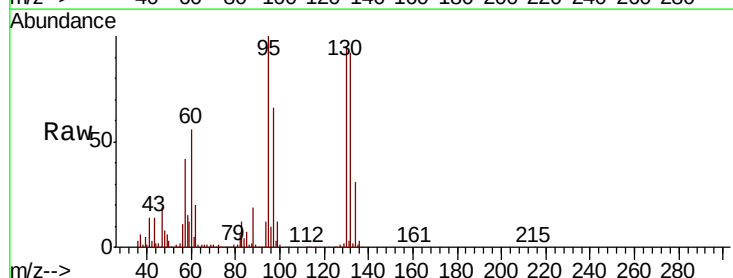
Ion Ratio Lower Upper

88 100

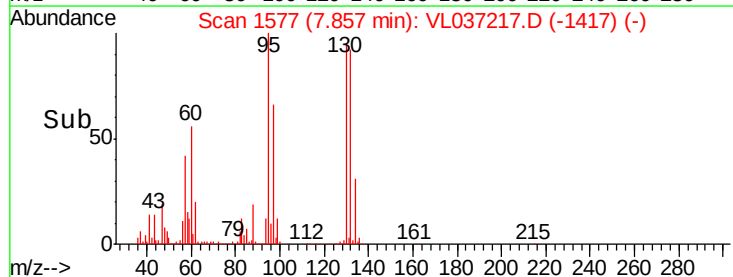
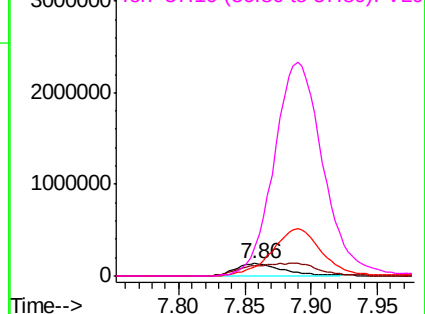
58 158.1 118.4 177.6

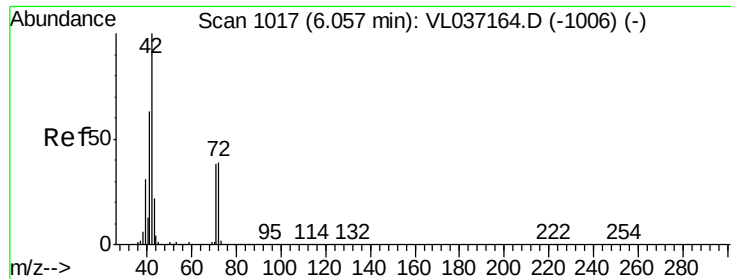
43 409.7 284.0 426.0

57 1815.1 1231.8 1847.6



Abundance Ion 88.10 (87.80 to 88.80): VL0
Ion 58.10 (57.80 to 58.80): VL0
Ion 43.10 (42.80 to 43.80): VL0
Ion 57.10 (56.80 to 57.80): VL0

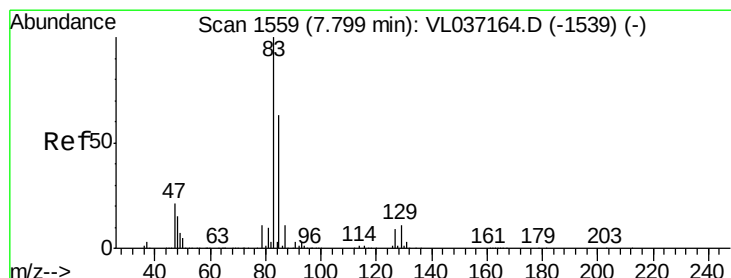
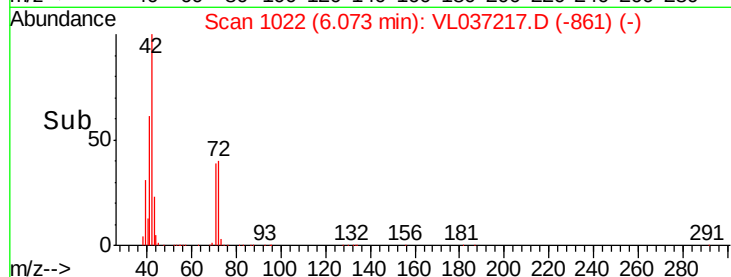
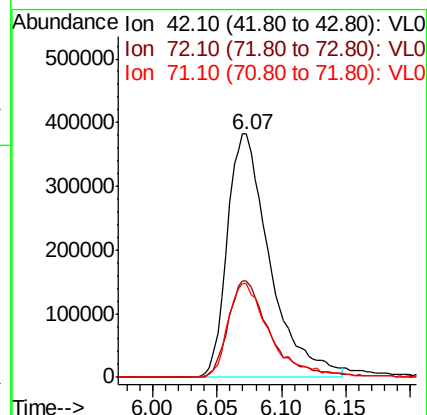
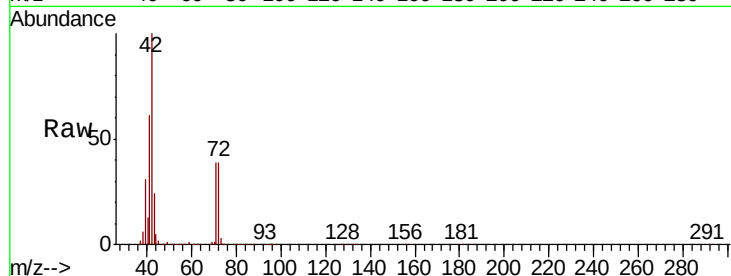




#41
Tetrahydrofuran
Concen: 9.896 ppbv
RT: 6.07 min Scan# 1022
Delta R.T. 0.02 min
Lab File: VL037217.D
Acq: 22 Jun 2021 14:25

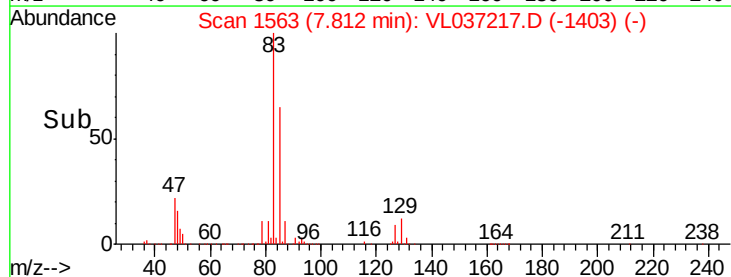
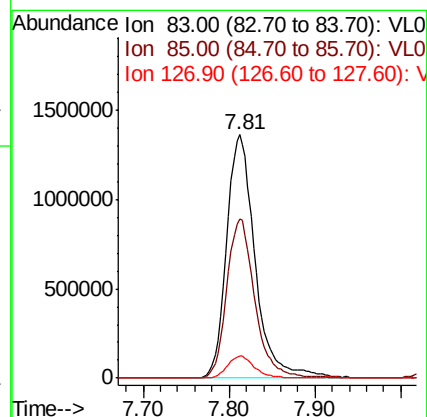
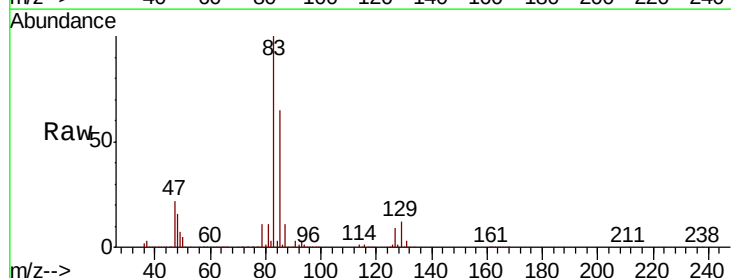
Instrument :
MSVOA_L
ClientSampled :

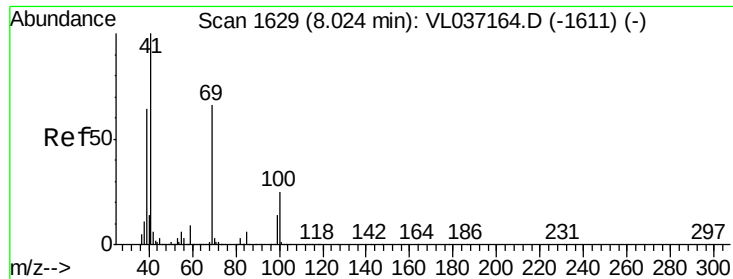
Tot Ion: 42 Resp: 871609
Ion Ratio Lower Upper
42 100
72 39.9 33.0 49.4
71 39.4 31.0 46.6



#42
Bromodichloromethane
Concen: 9.964 ppbv
RT: 7.81 min Scan# 1563
Delta R.T. 0.01 min
Lab File: VL037217.D
Acq: 22 Jun 2021 14:25

Tgt Ion: 83 Resp: 3148294
Ion Ratio Lower Upper
83 100
85 65.1 50.8 76.2
127 8.9 7.0 10.6

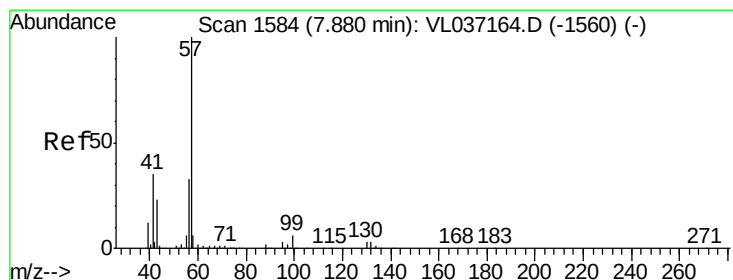
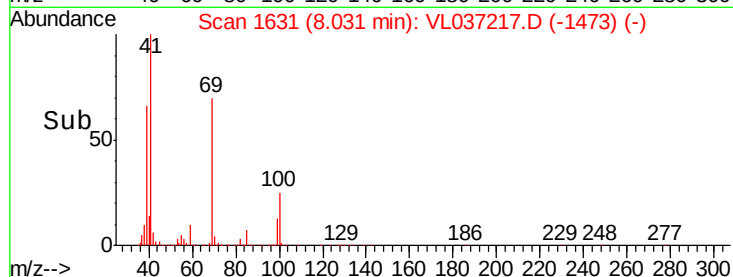
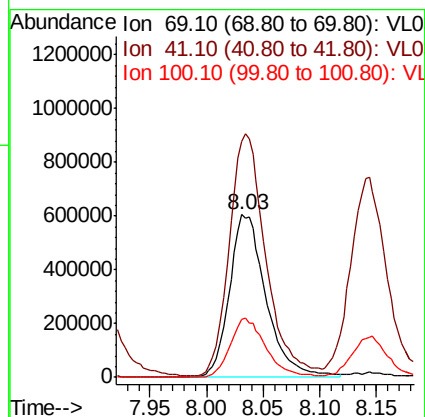
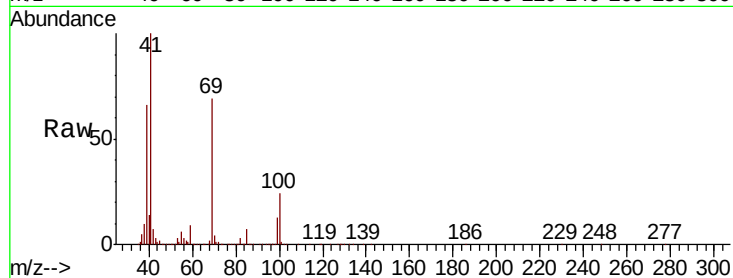




#43
Methyl Methacrylate
Concen: 10.029 ppbv
RT: 8.03 min Scan# 1631
Delta R.T. 0.01 min
Lab File: VL037217.D
Acq: 22 Jun 2021 14:25

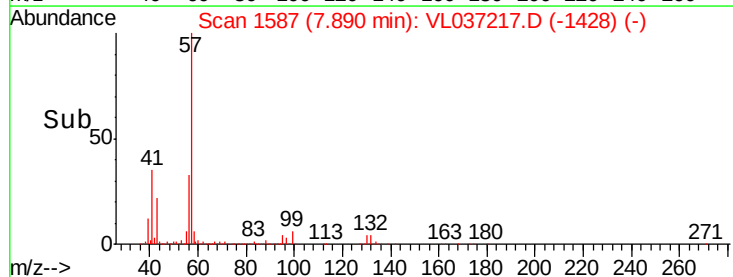
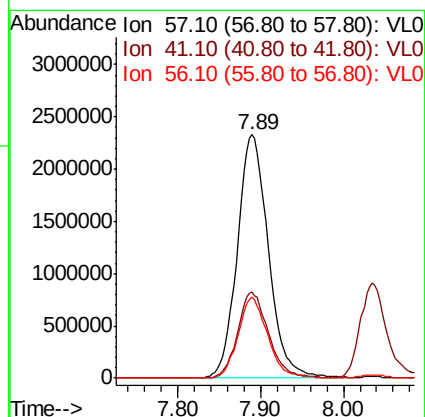
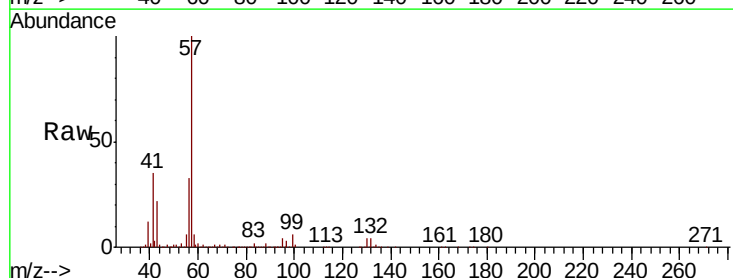
Instrument :
MSVOA_L
ClientSampleId :

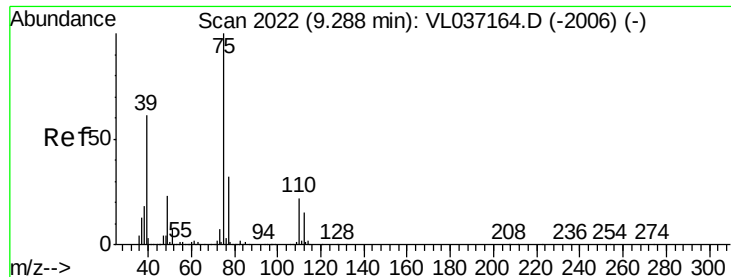
Tot Ion: 69 Resp: 1365520
Ion Ratio Lower Upper
69 100
41 147.9 119.4 179.0
100 35.4 28.6 43.0



#44
2,2,4-Trimethylpentane
Concen: 9.144 ppbv
RT: 7.89 min Scan# 1587
Delta R.T. 0.01 min
Lab File: VL037217.D
Acq: 22 Jun 2021 14:25

Tgt Ion: 57 Resp: 6070630
Ion Ratio Lower Upper
57 100
41 34.9 27.6 41.4
56 31.7 25.3 37.9





#45

t-1,3-Dichloropropene

Concen: 8.328 ppbv

RT: 9.30 min Scan# 2025

Delta R.T. 0.01 min

Lab File: VL037217.D

Acq: 22 Jun 2021 14:25

Instrument :

MSVOA_L

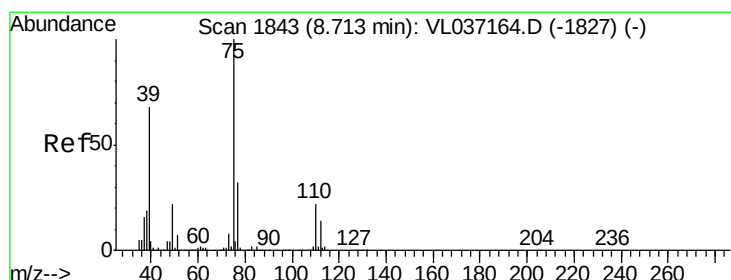
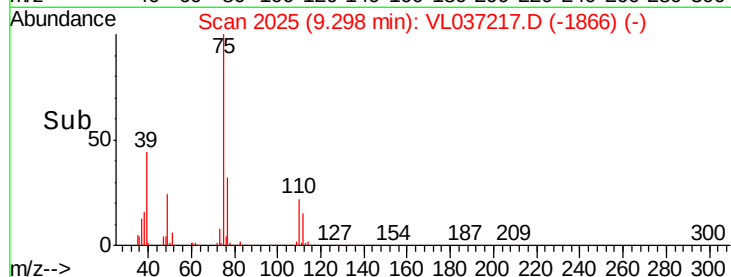
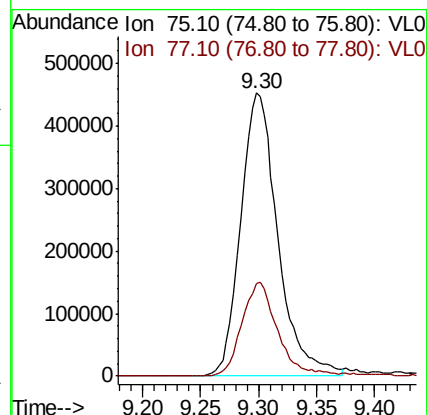
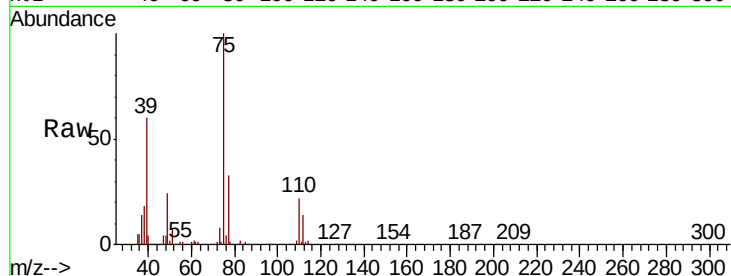
ClientSampleId :

Tot Ion: 75 Resp: 1000435

Ion Ratio Lower Upper

75 100

77 32.7 25.6 38.4



#46

cis-1,3-Dichloropropene

Concen: 7.809 ppbv

RT: 8.73 min Scan# 1847

Delta R.T. 0.01 min

Lab File: VL037217.D

Acq: 22 Jun 2021 14:25

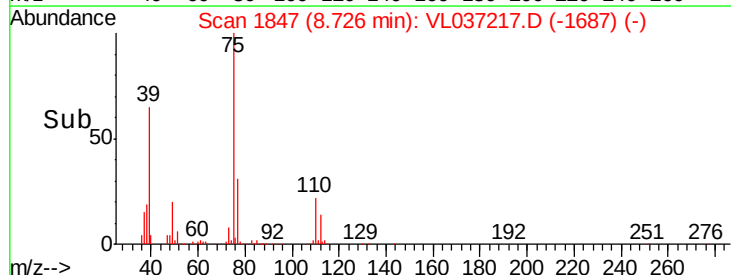
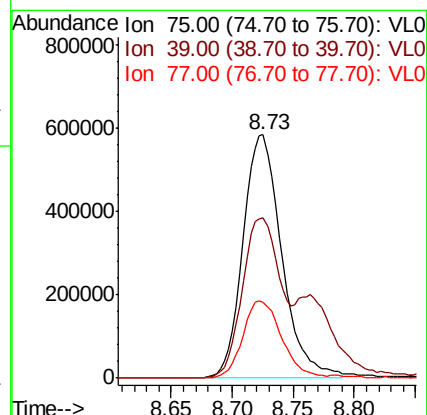
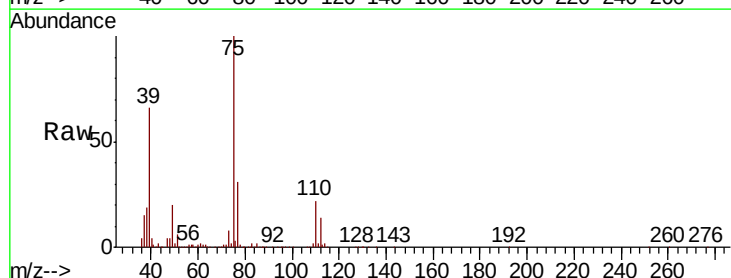
Tgt Ion: 75 Resp: 1283294

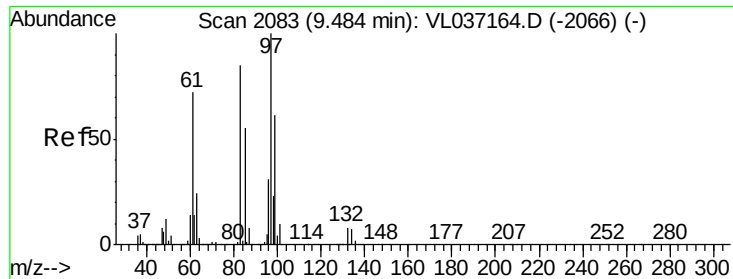
Ion Ratio Lower Upper

75 100

39 65.9 54.7 82.1

77 31.3 25.8 38.8

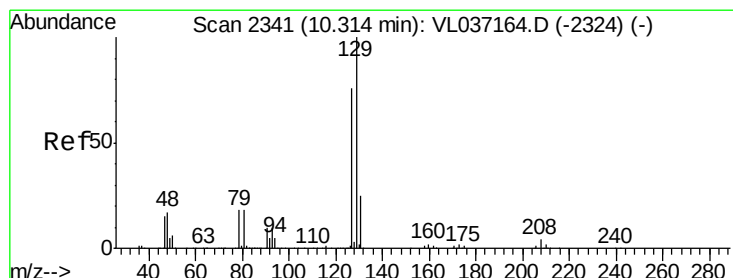
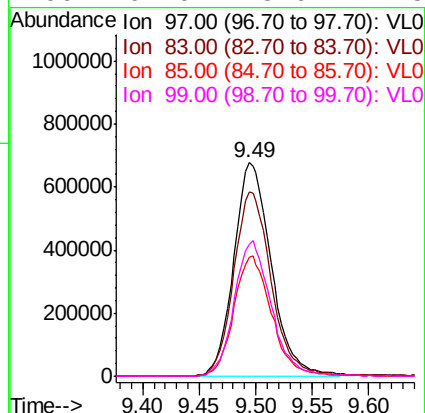
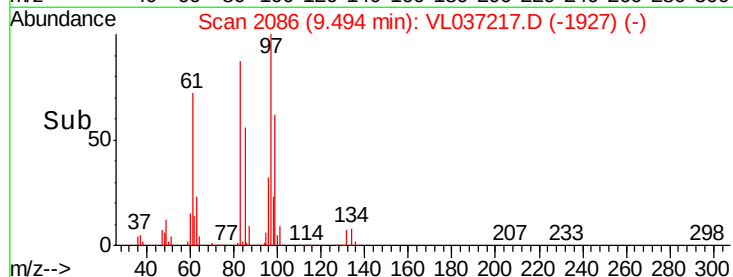
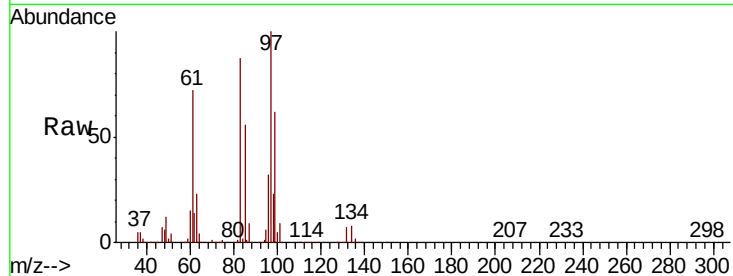




#47
 1,1,2-Trichloroethane
 Concen: 9.324 ppbv
 RT: 9.49 min Scan# 2086
 Delta R.T. 0.01 min
 Lab File: VL037217.D
 Acq: 22 Jun 2021 14:25

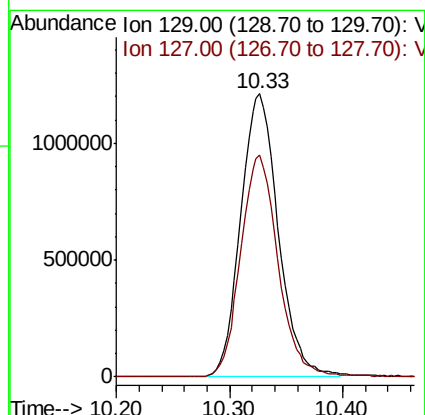
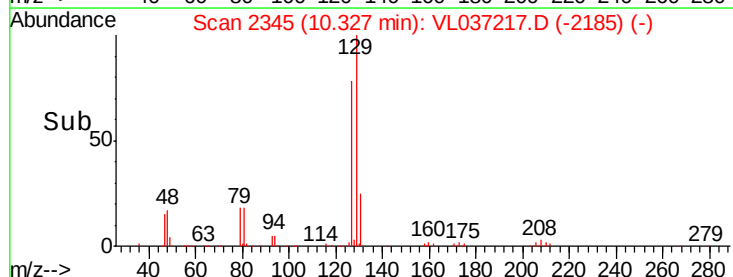
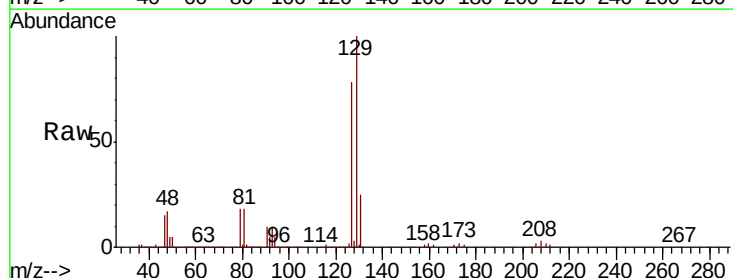
Instrument :
 MSVOA_L
 ClientSampleId :

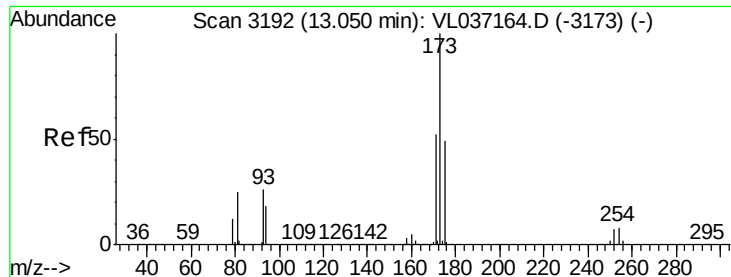
Tot Ion: 97 Resp: 1558442
 Ion Ratio Lower Upper
 97 100
 83 86.5 68.3 102.5
 85 55.8 44.1 66.1
 99 62.0 48.6 72.8



#48
 Dibromochloromethane
 Concen: 10.624 ppbv
 RT: 10.33 min Scan# 2345
 Delta R.T. 0.01 min
 Lab File: VL037217.D
 Acq: 22 Jun 2021 14:25

Tgt Ion: 129 Resp: 2803027
 Ion Ratio Lower Upper
 129 100
 127 79.0 39.1 117.2





#49

Bromoform

Concen: 11.896 ppbv

RT: 13.06 min Scan# 3195

Delta R.T. 0.01 min

Lab File: VL037217.D

Acq: 22 Jun 2021 14:25

Instrument :

MSVOA_L

ClientSampleId :

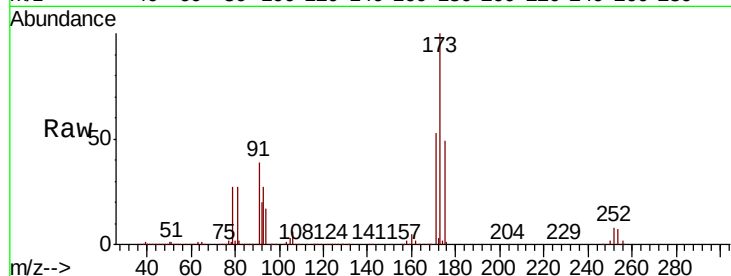
Tot Ion:173 Resp: 2338426

Ion Ratio Lower Upper

173 100

175 49.6 40.2 60.4

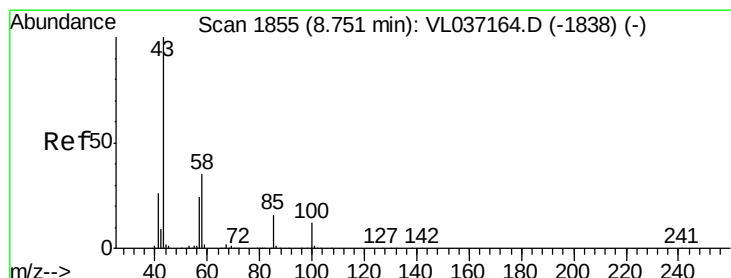
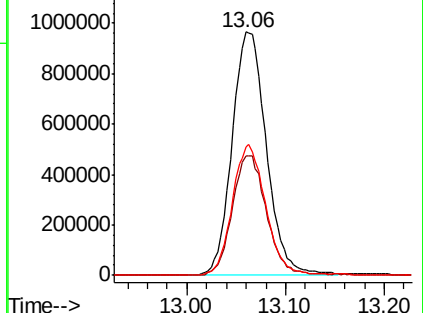
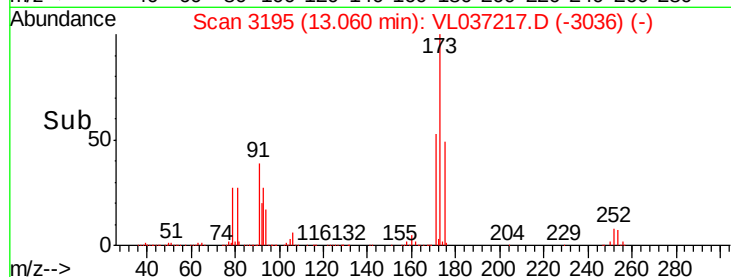
171 52.8 41.8 62.8



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: 10.032 ppbv

RT: 8.76 min Scan# 1859

Delta R.T. 0.01 min

Lab File: VL037217.D

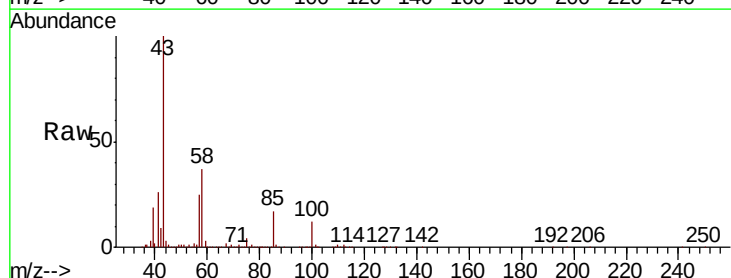
Acq: 22 Jun 2021 14:25

Tgt Ion: 43 Resp: 2612806

Ion Ratio Lower Upper

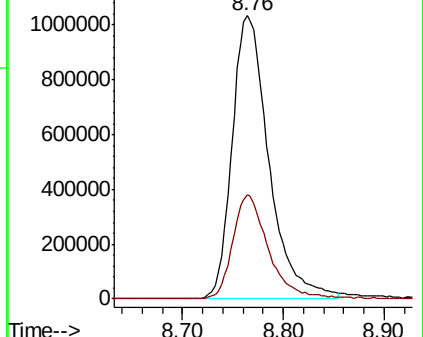
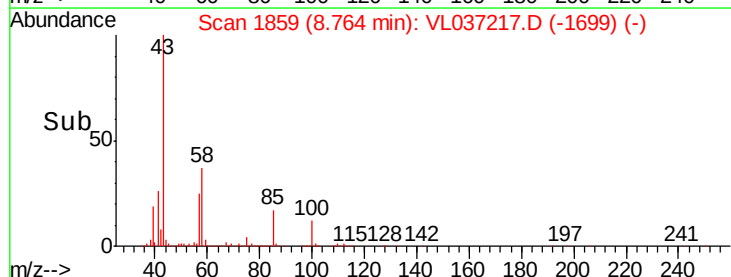
43 100

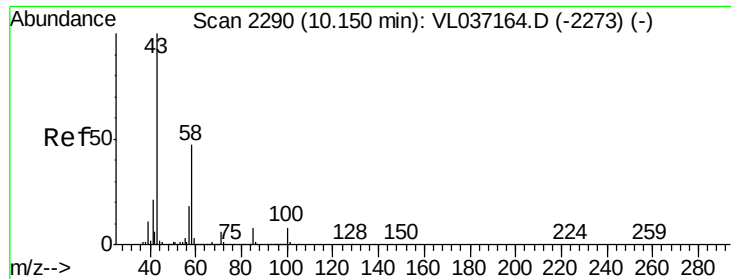
58 35.8 28.4 42.6



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

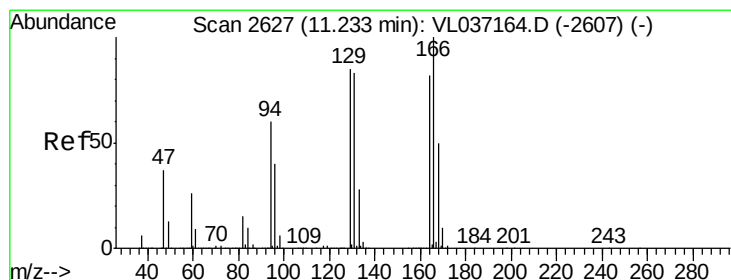
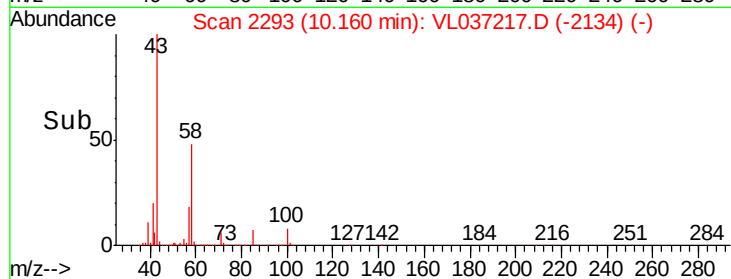
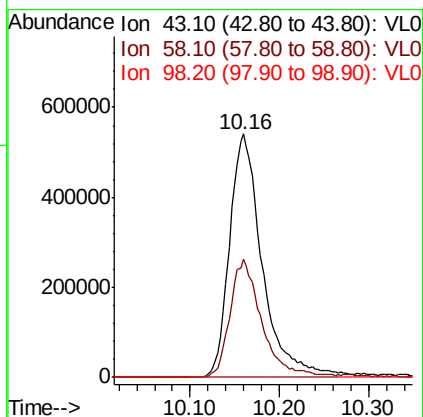
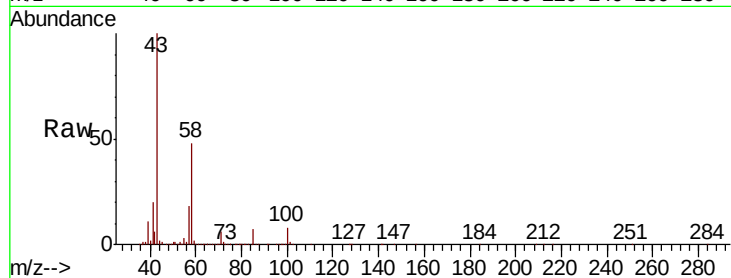




#51
2-Hexanone
Concen: 10.797 ppbv
RT: 10.16 min Scan# 2293
Delta R.T. 0.01 min
Lab File: VL037217.D
Acq: 22 Jun 2021 14:25

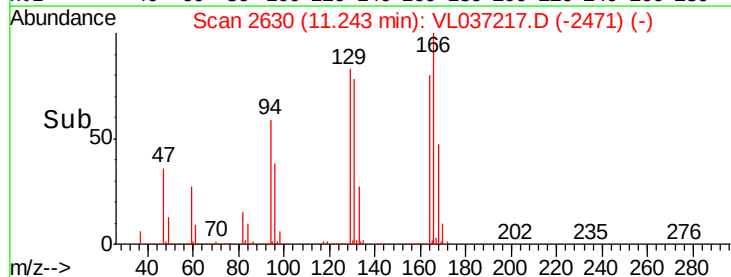
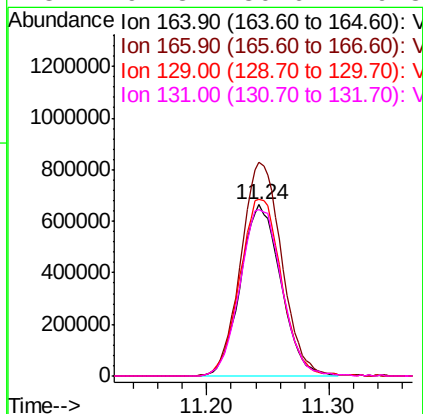
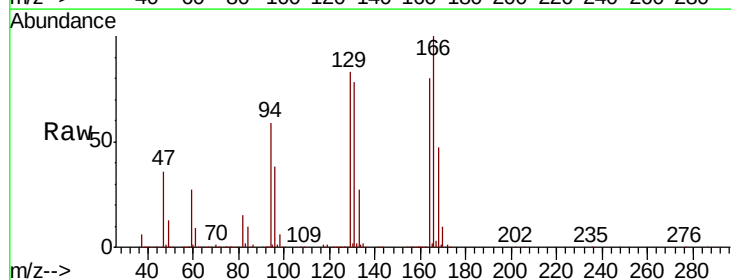
Instrument :
MSVOA_L
ClientSampleId :

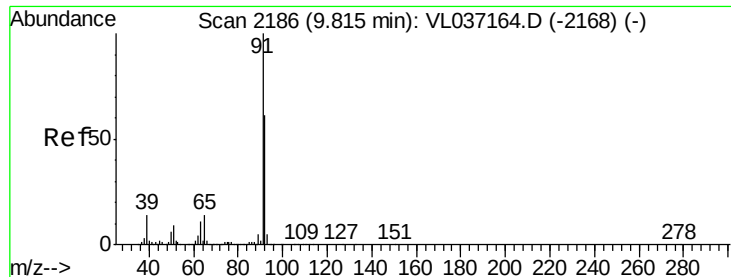
Tot Ion: 43 Resp: 1368248
Ion Ratio Lower Upper
43 100
58 48.5 38.4 57.6
98 0.1 0.3 0.5#



#52
Tetrachloroethene
Concen: 8.277 ppbv
RT: 11.24 min Scan# 2630
Delta R.T. 0.01 min
Lab File: VL037217.D
Acq: 22 Jun 2021 14:25

Tgt Ion:164 Resp: 1516290
Ion Ratio Lower Upper
164 100
166 124.8 97.6 146.4
129 103.2 82.9 124.3
131 97.3 80.6 120.8





#53

Toluene

Concen: 9.394 ppbv

RT: 9.83 min Scan# 2189

Delta R.T. 0.01 min

Lab File: VL037217.D

Acq: 22 Jun 2021 14:25

Instrument :

MSVOA_L

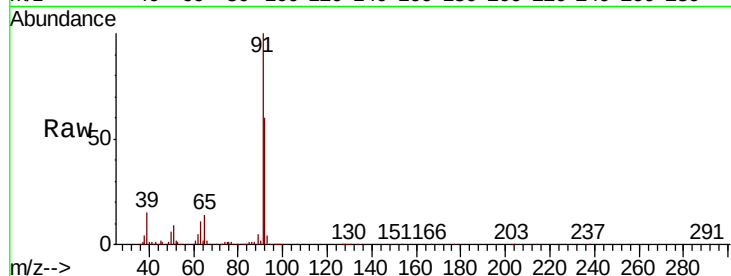
ClientSampleId :

Tot Ion: 91 Resp: 4424199

Ion Ratio Lower Upper

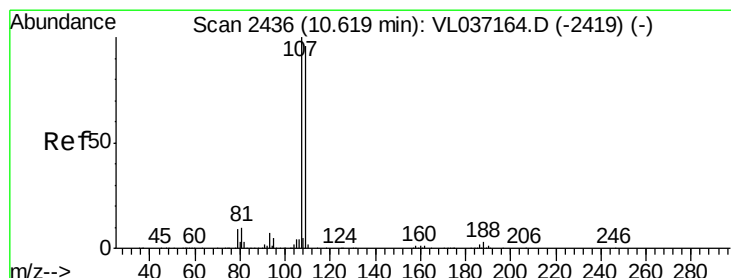
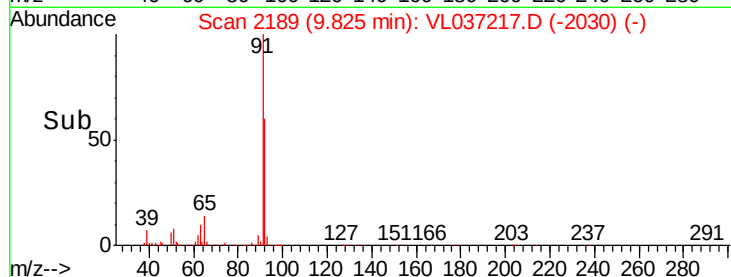
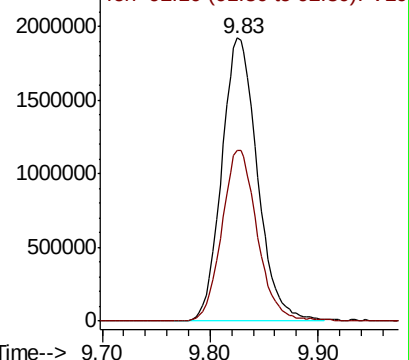
91 100

92 60.4 48.3 72.5



Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 92.10 (91.80 to 92.80): VL0



#54

1,2-Dibromoethane

Concen: 9.511 ppbv

RT: 10.63 min Scan# 2440

Delta R.T. 0.01 min

Lab File: VL037217.D

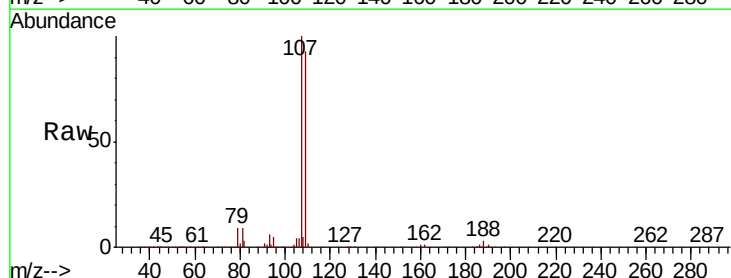
Acq: 22 Jun 2021 14:25

Tgt Ion: 107 Resp: 2284649

Ion Ratio Lower Upper

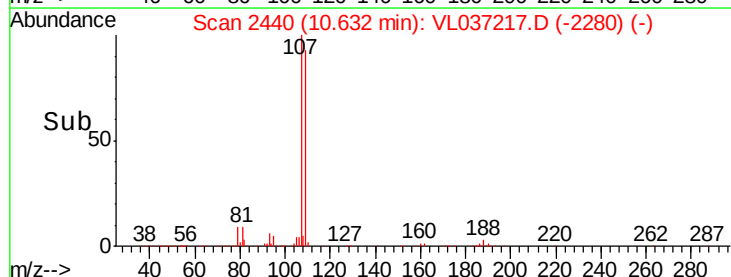
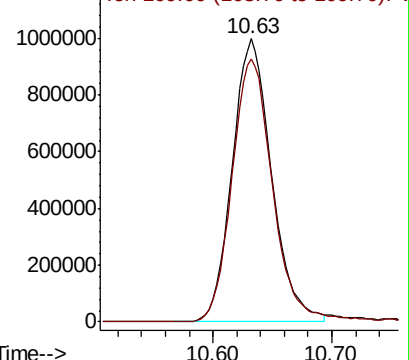
107 100

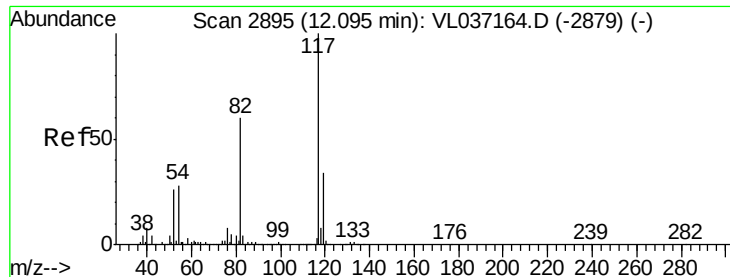
109 92.8 77.0 115.6



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

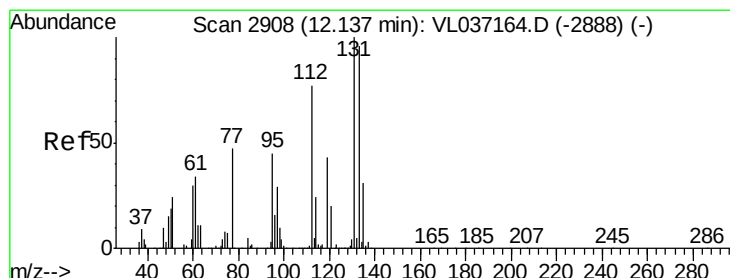
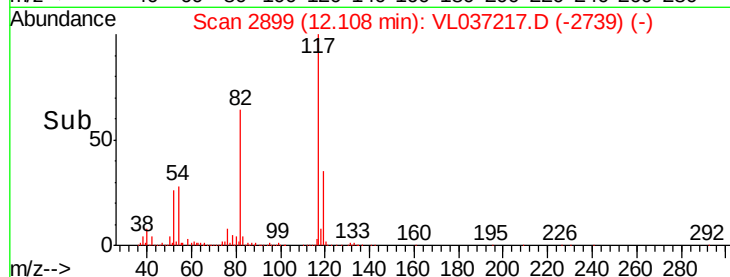
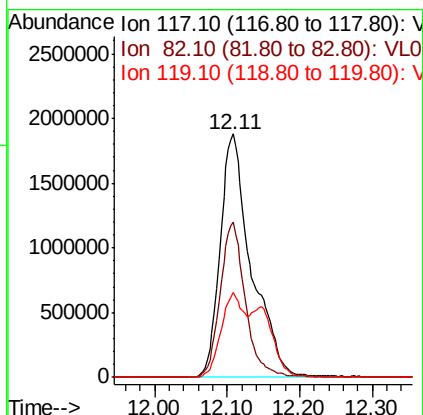
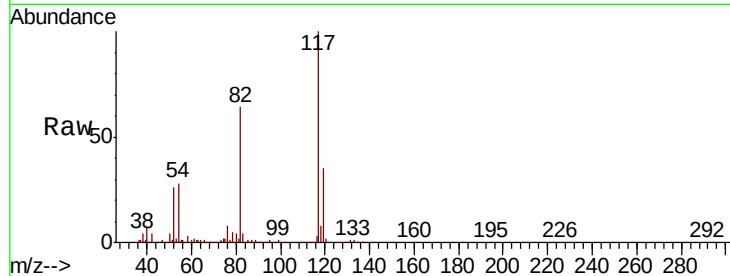




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.11 min Scan# 2899
Delta R.T. 0.01 min
Lab File: VL037217.D
Acq: 22 Jun 2021 14:25

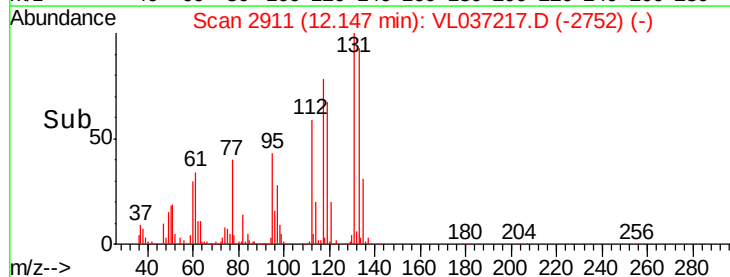
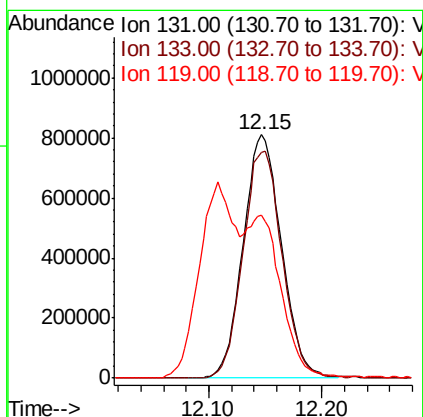
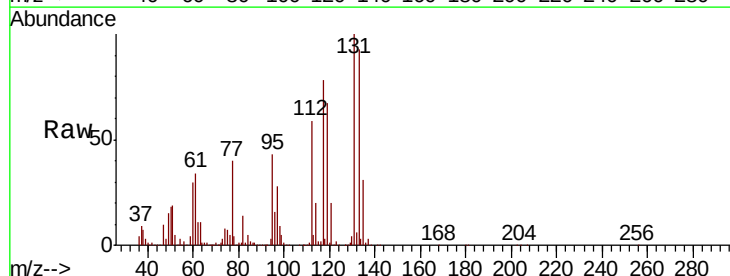
Instrument :
MSVOA_L
ClientSampleId :

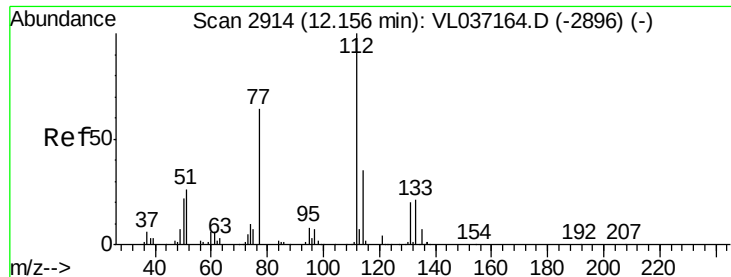
Tot Ion:117 Resp: 5608661
Ion Ratio Lower Upper
117 100
82 51.6 51.7 77.5#
119 47.4 47.6 71.4#



#56
1,1,1,2-Tetrachloroethane
Concen: 7.767 ppbv
RT: 12.15 min Scan# 2911
Delta R.T. 0.01 min
Lab File: VL037217.D
Acq: 22 Jun 2021 14:25

Tgt Ion:131 Resp: 1904546
Ion Ratio Lower Upper
131 100
133 95.7 76.5 114.7
119 139.6 48.6 72.8#

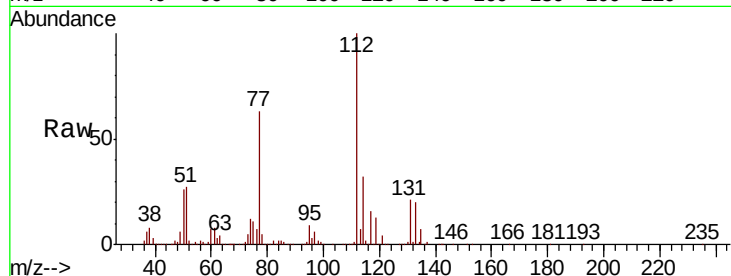




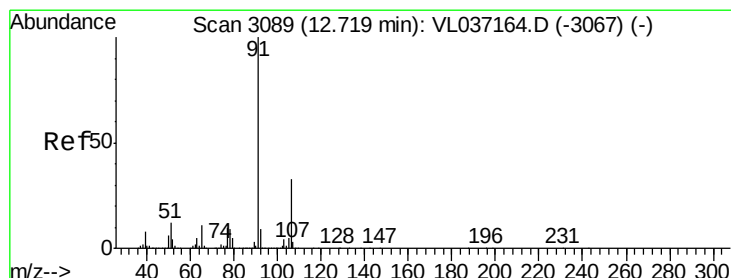
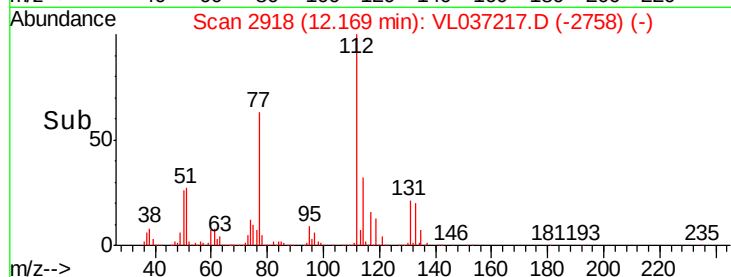
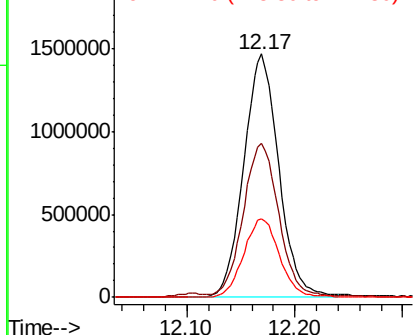
#57
Chlorobenzene
Concen: 7.290 ppbv
RT: 12.17 min Scan# 2918
Delta R.T. 0.01 min
Lab File: VL037217.D
Acq: 22 Jun 2021 14:25

Instrument :
MSVOA_L
ClientSampleId :

Tot Ion:112 Resp: 3315849
Ion Ratio Lower Upper
112 100
77 62.6 52.2 78.4
114 32.1 31.1 38.1

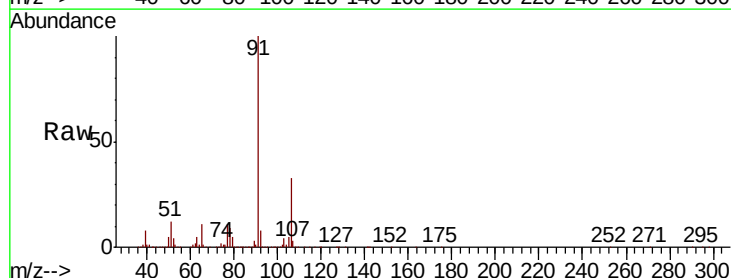


Abundance Ion 112.10 (111.80 to 112.80): V
Ion 77.10 (76.80 to 77.80): VL0
Ion 114.10 (113.80 to 114.80): V

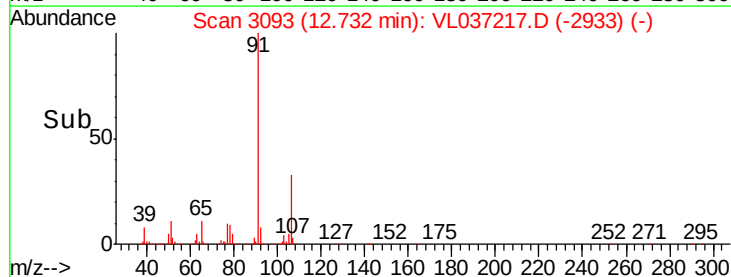
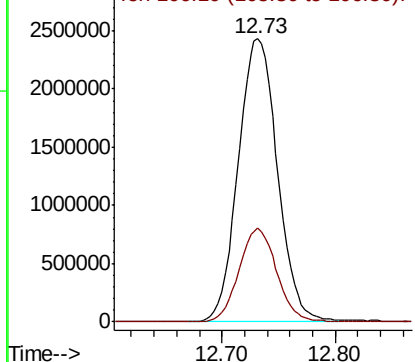


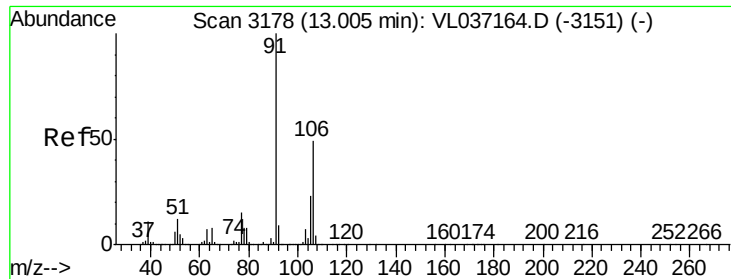
#58
Ethyl Benzene
Concen: 7.593 ppbv
RT: 12.73 min Scan# 3093
Delta R.T. 0.01 min
Lab File: VL037217.D
Acq: 22 Jun 2021 14:25

Tgt Ion: 91 Resp: 5862923
Ion Ratio Lower Upper
91 100
106 33.4 26.3 39.5



Abundance Ion 91.10 (90.80 to 91.80): VL0
Ion 106.10 (105.80 to 106.80): V

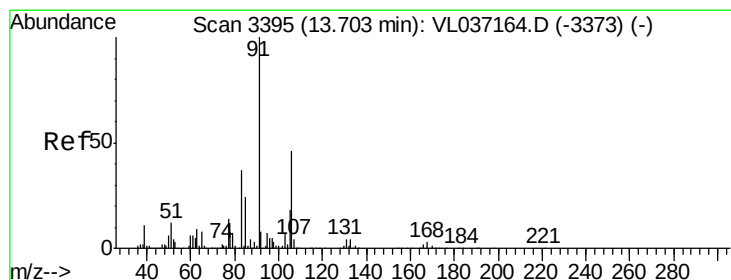
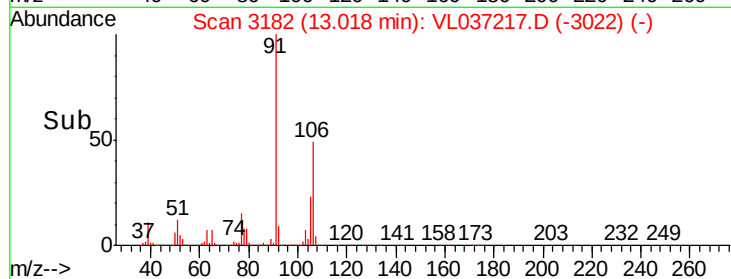
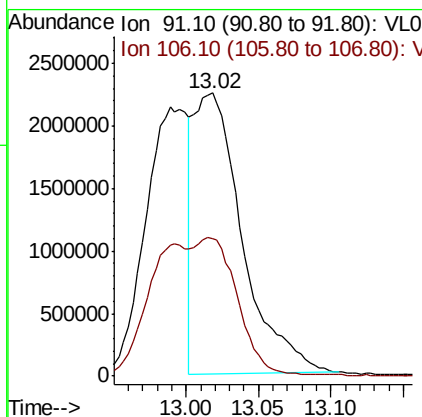
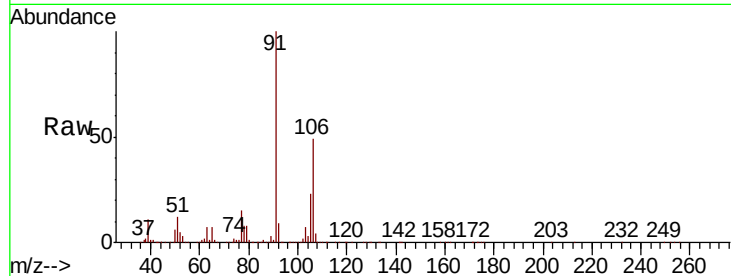




#59
m/p-Xylene
Concen: 7.940 ppbv
RT: 13.02 min Scan# 3182
Delta R.T. 0.01 min
Lab File: VL037217.D
Acq: 22 Jun 2021 14:25

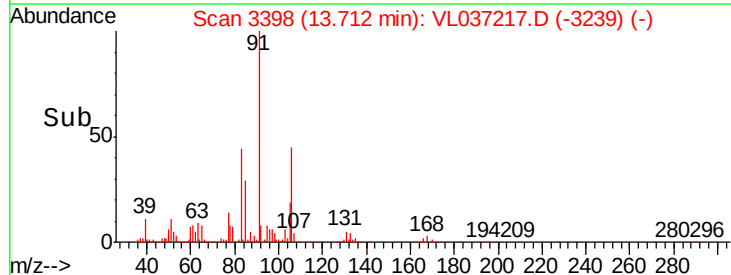
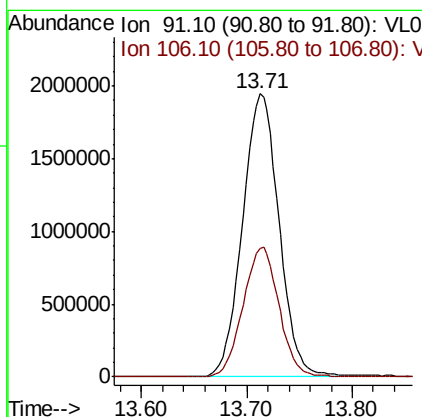
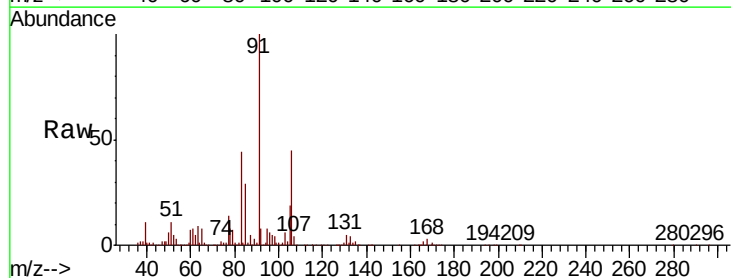
Instrument :
MSVOA_L
ClientSampled :

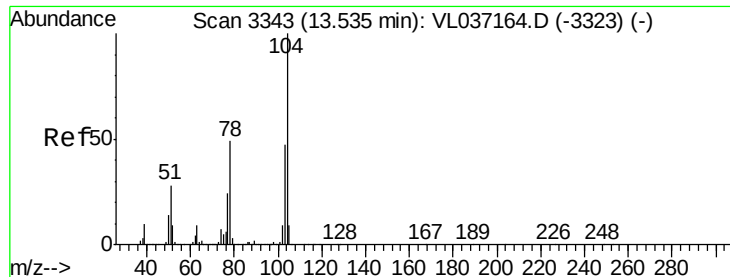
Tot Ion: 91 Resp: 5195025
Ion Ratio Lower Upper
91 100
106 86.4 37.0 55.4#



#60
o-Xylene
Concen: 7.503 ppbv
RT: 13.71 min Scan# 3398
Delta R.T. 0.01 min
Lab File: VL037217.D
Acq: 22 Jun 2021 14:25

Tgt Ion: 91 Resp: 4674797
Ion Ratio Lower Upper
91 100
106 45.5 23.0 69.0





#61

Stvrene

Concen: 8.338 ppbv

RT: 13.55 min Scan# 3347

Delta R.T. 0.01 min

Lab File: VL037217.D

Acq: 22 Jun 2021 14:25

Instrument :

MSVOA_L

ClientSampleId :

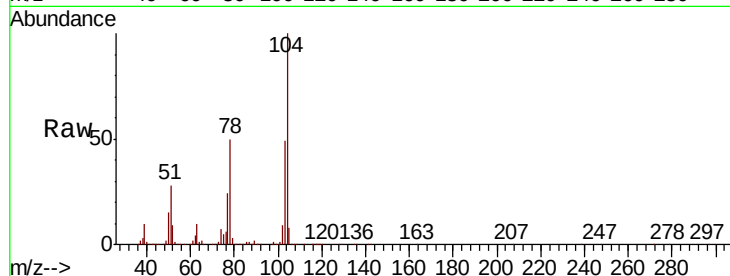
Tot Ion:104 Resp: 2681201

Ion Ratio Lower Upper

104 100

78 50.2 39.7 59.5

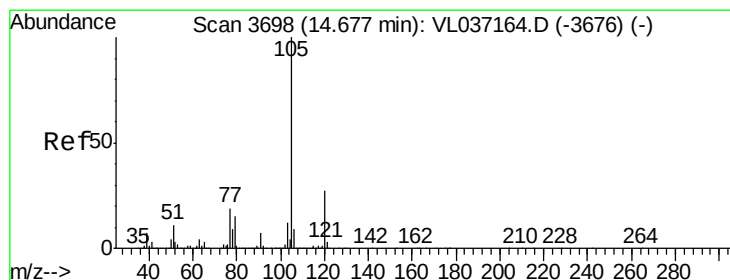
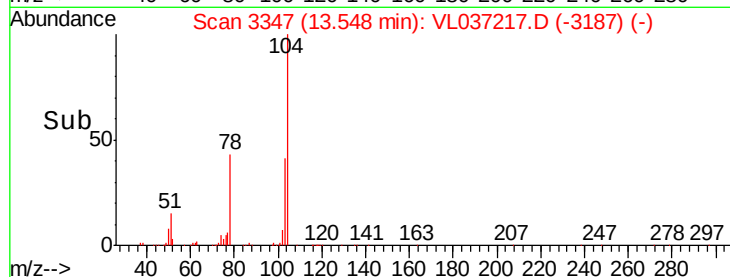
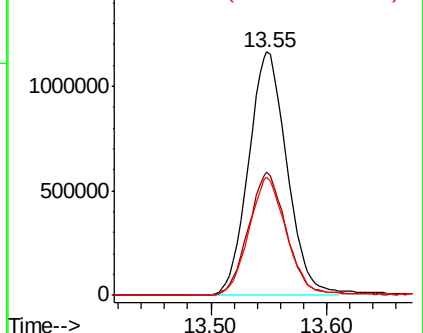
103 48.1 37.6 56.4



Abundance Ion 104.10 (103.80 to 104.80): V

Ion 78.10 (77.80 to 78.80): VL0

Ion 103.10 (102.80 to 103.80): V



#62

Isopropylbenzene

Concen: 7.380 ppbv

RT: 14.69 min Scan# 3701

Delta R.T. 0.01 min

Lab File: VL037217.D

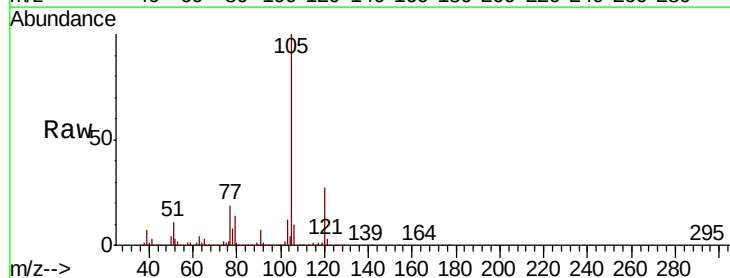
Acq: 22 Jun 2021 14:25

Tgt Ion:105 Resp: 6538213

Ion Ratio Lower Upper

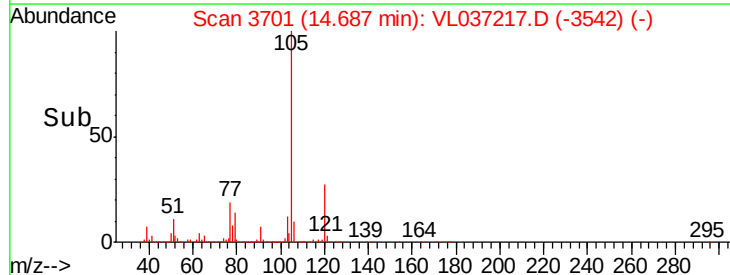
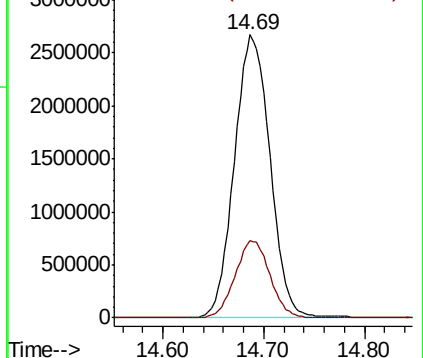
105 100

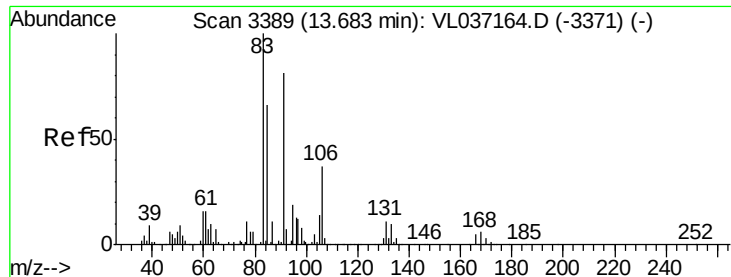
120 26.9 21.6 32.4



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V

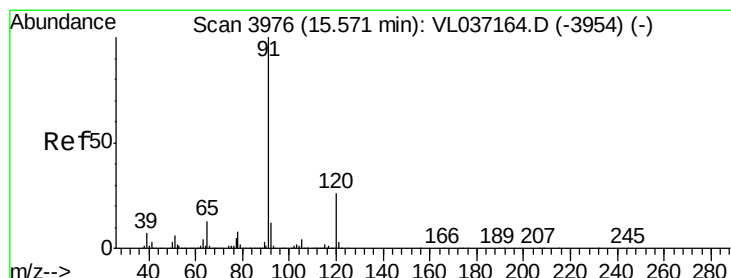
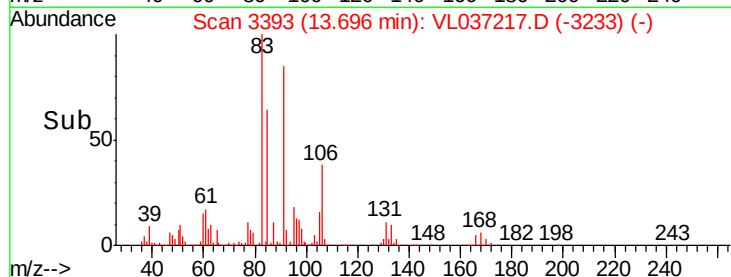
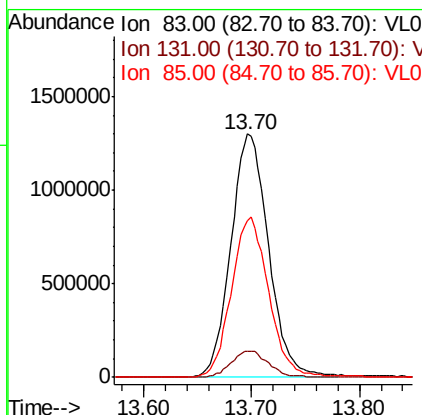
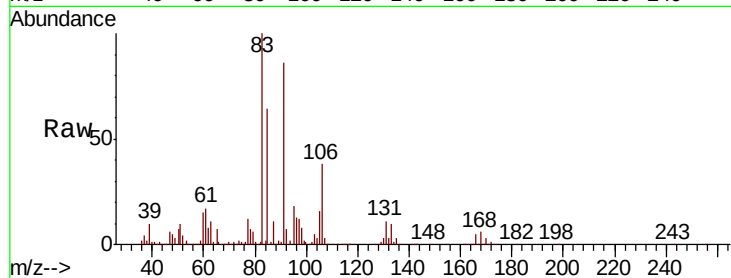




#63
 1,1,2,2-Tetrachloroethane
 Concen: 7.603 ppbv
 RT: 13.70 min Scan# 3393
 Delta R.T. 0.01 min
 Lab File: VL037217.D
 Acq: 22 Jun 2021 14:25

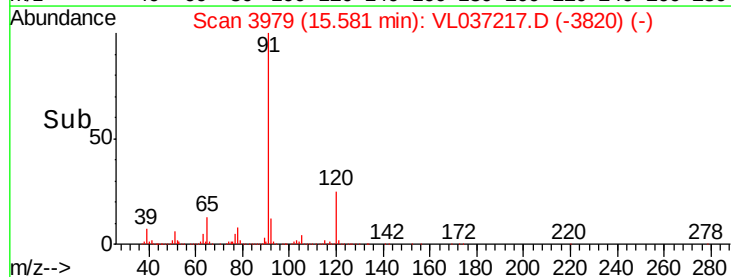
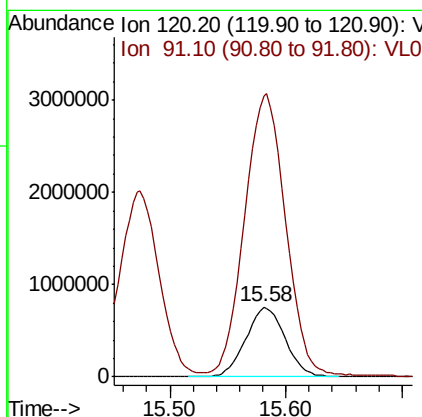
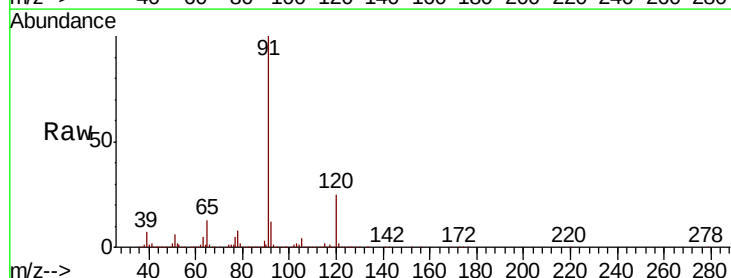
Instrument :
 MSVOA_L
 ClientSampleId :

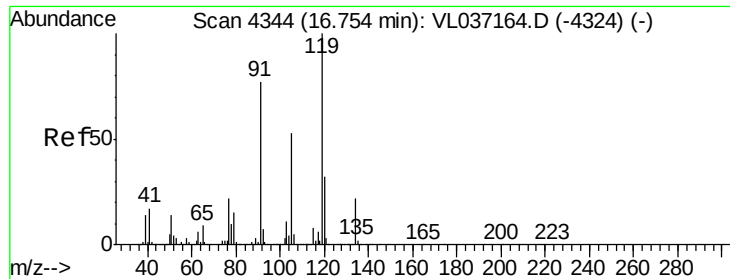
Tot Ion: 83 Resp: 3154066
 Ion Ratio Lower Upper
 83 100
 131 10.8 5.4 16.2
 85 65.8 33.1 99.2



#64
 n-propylbenzene
 Concen: 8.015 ppbv
 RT: 15.58 min Scan# 3979
 Delta R.T. 0.01 min
 Lab File: VL037217.D
 Acq: 22 Jun 2021 14:25

Tgt Ion:120 Resp: 1778363
 Ion Ratio Lower Upper
 120 100
 91 428.5 343.3 514.9





#65

tert-Butylbenzene

Concen: 7.495 ppbv

RT: 16.76 min Scan# 4347

Delta R.T. 0.01 min

Lab File: VL037217.D

Acq: 22 Jun 2021 14:25

Instrument :

MSVOA_L

ClientSampled :

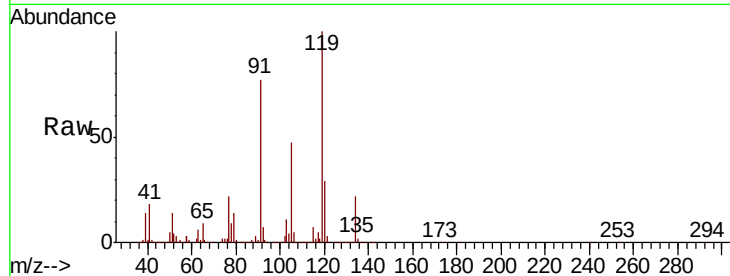
Tot Ion:119 Resp: 5889007

Ion Ratio Lower Upper

119 100

91 79.1 62.6 93.8

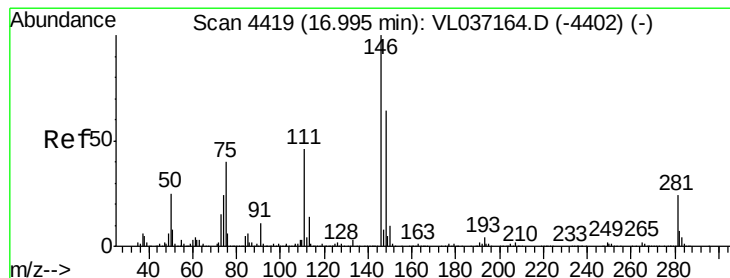
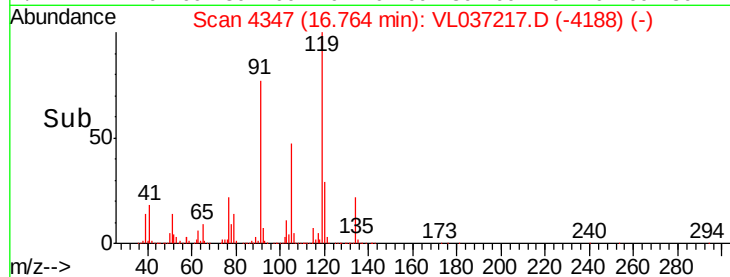
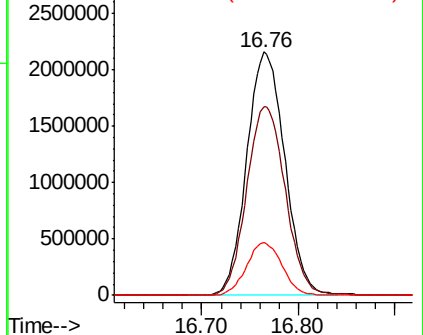
134 20.4 16.2 24.4



Abundance Ion 119.20 (118.90 to 119.90): V

Ion 91.10 (90.80 to 91.80): VL0

Ion 134.20 (133.90 to 134.90): V



#66

Benzyl Chloride

Concen: 5.938 ppbv

RT: 17.01 min Scan# 4423

Delta R.T. 0.01 min

Lab File: VL037217.D

Acq: 22 Jun 2021 14:25

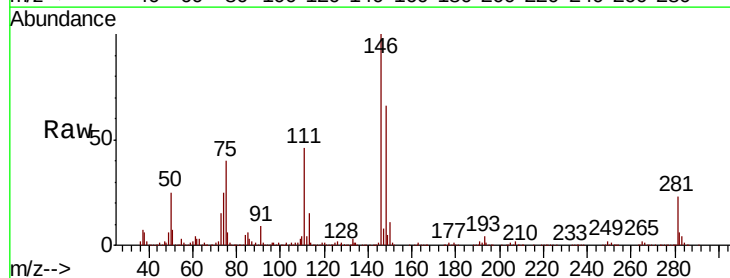
Tgt Ion: 91 Resp: 197724

Ion Ratio Lower Upper

91 100

126 22.1 15.5 23.3

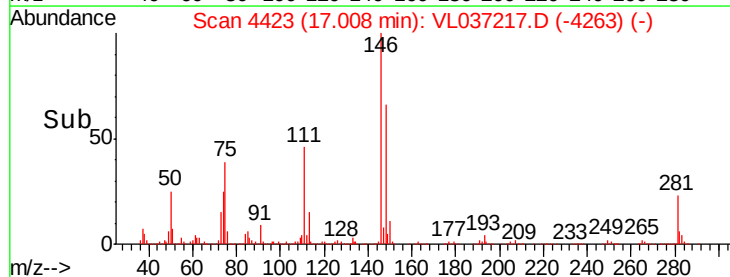
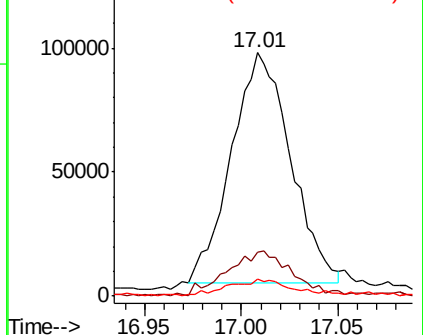
128 9.1 5.7 8.5#

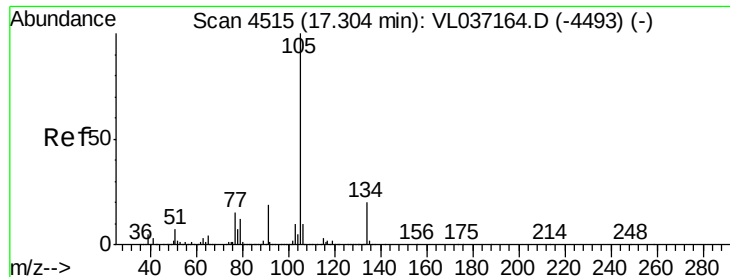


Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 126.10 (125.80 to 126.80): V

Ion 128.10 (127.80 to 128.80): V





#67

sec-Butylbenzene

Concen: 7.473 ppbv

RT: 17.32 min Scan# 4519

Delta R.T. 0.01 min

Lab File: VL037217.D

Acq: 22 Jun 2021 14:25

Instrument :

MSVOA_L

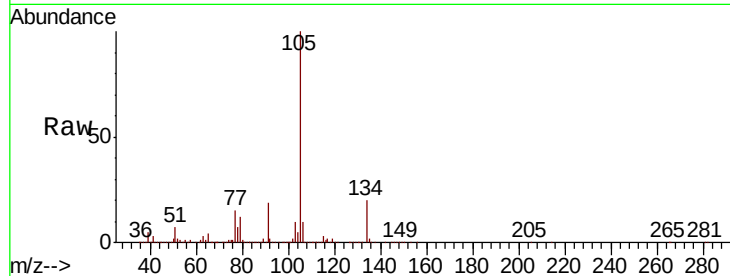
ClientSampleId :

Tot Ion:105 Resp: 7830599

Ion Ratio Lower Upper

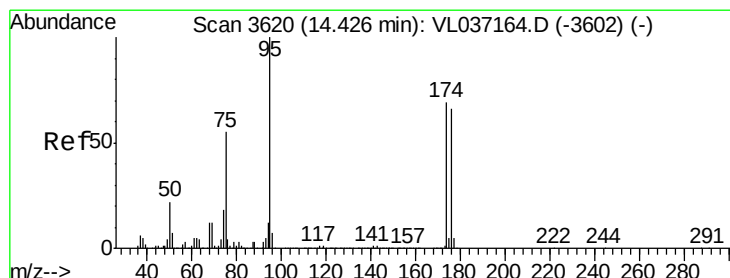
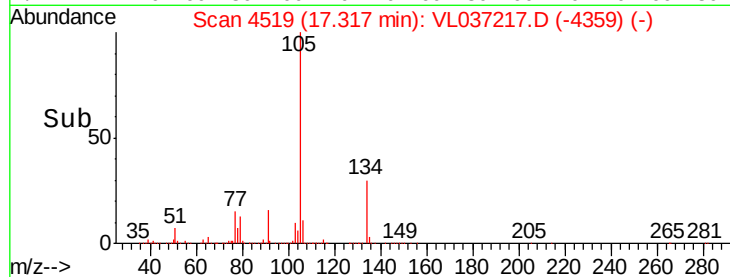
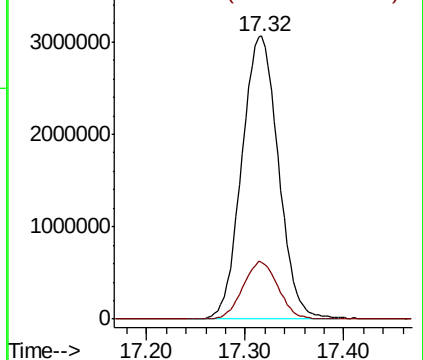
105 100

134 19.7 15.8 23.6



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: 8.041 ppbv

RT: 14.44 min Scan# 3623

Delta R.T. 0.01 min

Lab File: VL037217.D

Acq: 22 Jun 2021 14:25

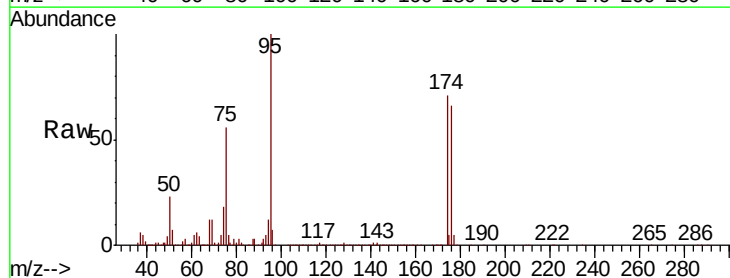
Tgt Ion: 95 Resp: 3417306

Ion Ratio Lower Upper

95 100

174 72.4 57.0 85.4

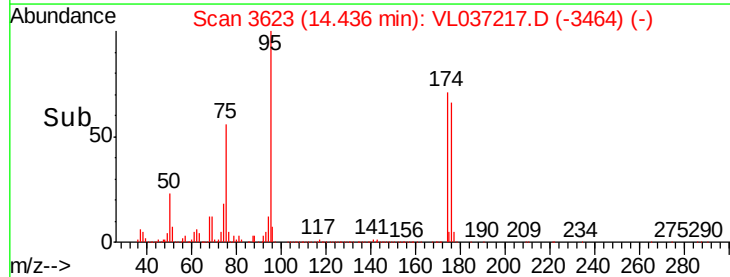
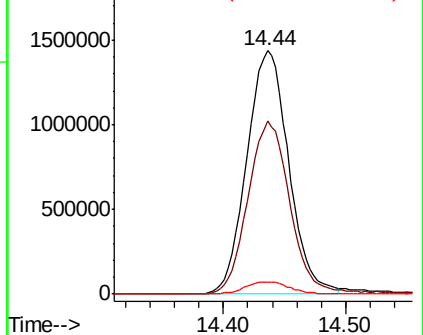
175 5.4 4.4 6.6

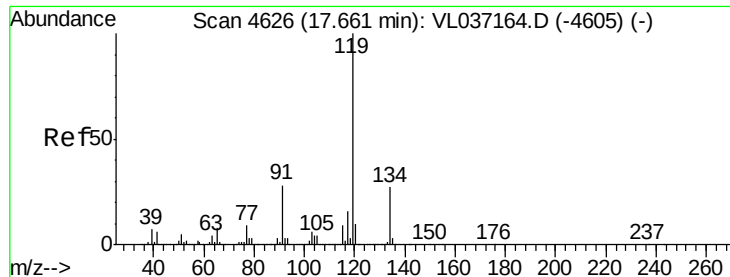


Abundance Ion 95.10 (94.80 to 95.80): VL0

Ion 174.00 (173.70 to 174.70): V

Ion 175.00 (174.70 to 175.70): V

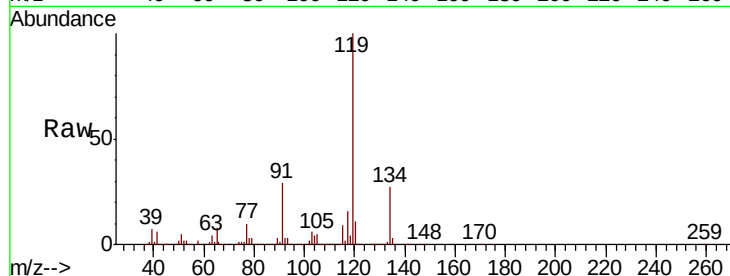




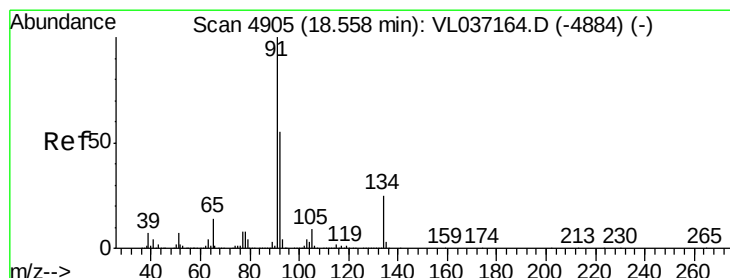
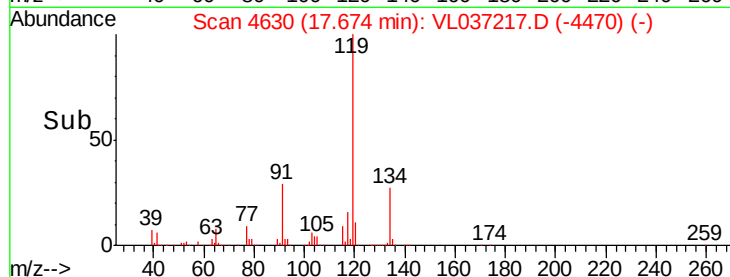
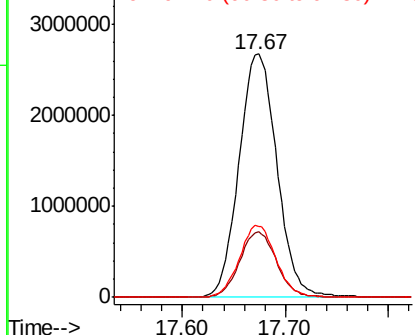
#69
 p-Isopropyltoluene
 Concen: 7.719 ppbv
 RT: 17.67 min Scan# 4630
 Delta R.T. 0.01 min
 Lab File: VL037217.D
 Acq: 22 Jun 2021 14:25

Instrument :
 MSVOA_L
 ClientSampleId :

Tot Ion: 119 Resp: 6831564
 Ion Ratio Lower Upper
 119 100
 134 26.3 20.9 31.3
 91 28.7 22.6 34.0

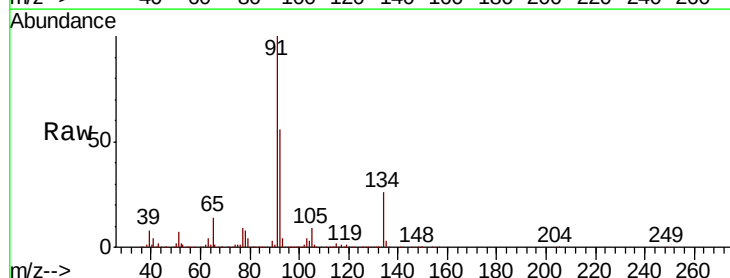


Abundance Ion 119.10 (118.80 to 119.80): V
 Ion 134.20 (133.90 to 134.90): V
 Ion 91.10 (90.80 to 91.80): V

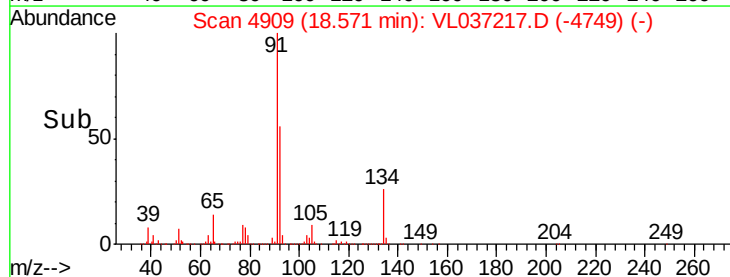
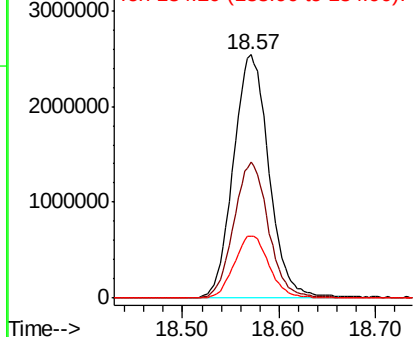


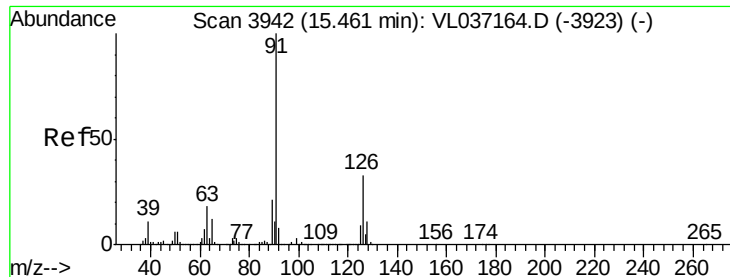
#70
 n-Butylbenzene
 Concen: 7.919 ppbv
 RT: 18.57 min Scan# 4909
 Delta R.T. 0.01 min
 Lab File: VL037217.D
 Acq: 22 Jun 2021 14:25

Tgt Ion: 91 Resp: 6486657
 Ion Ratio Lower Upper
 91 100
 92 54.8 44.0 66.0
 134 25.4 20.2 30.4



Abundance Ion 91.10 (90.80 to 91.80): VL0
 Ion 92.10 (91.80 to 92.80): VL0
 Ion 134.20 (133.90 to 134.90): V





#71

2-Chlorotoluene

Concen: 7.752 ppbv

RT: 15.47 min Scan# 3946

Delta R.T. 0.01 min

Lab File: VL037217.D

Acq: 22 Jun 2021 14:25

Instrument :

MSVOA_L

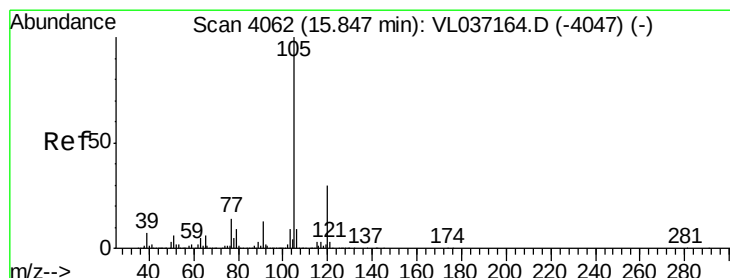
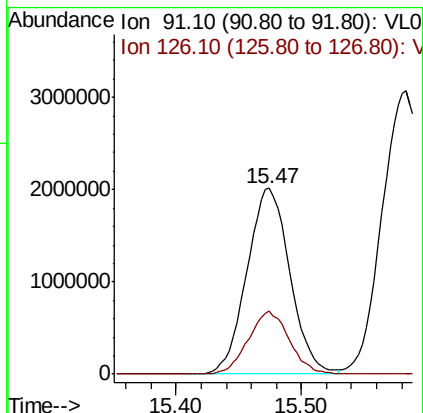
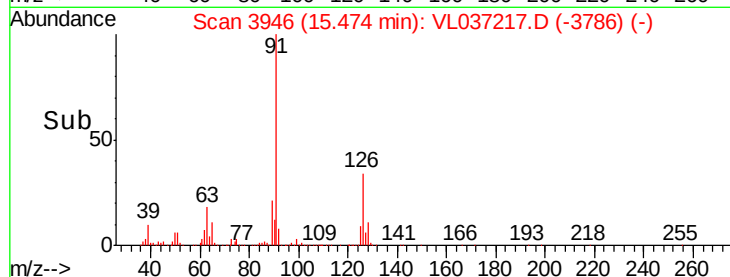
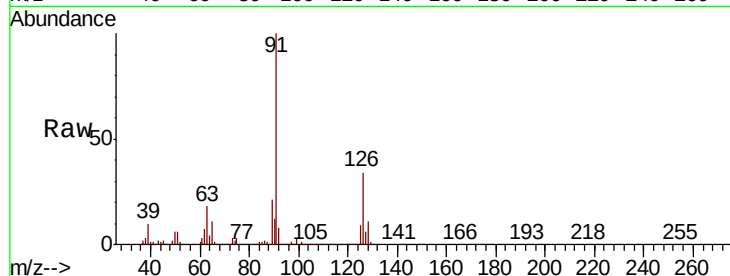
ClientSampleId :

Tot Ion: 91 Resp: 4801655

Ion Ratio Lower Upper

91 100

126 32.9 13.5 54.1



#72

4-Ethyltoluene

Concen: 7.976 ppbv

RT: 15.86 min Scan# 4066

Delta R.T. 0.01 min

Lab File: VL037217.D

Acq: 22 Jun 2021 14:25

Tgt Ion:105 Resp: 5645243

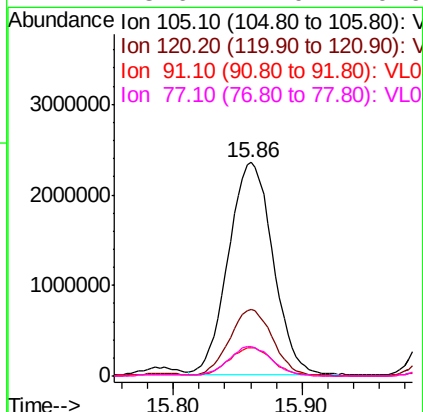
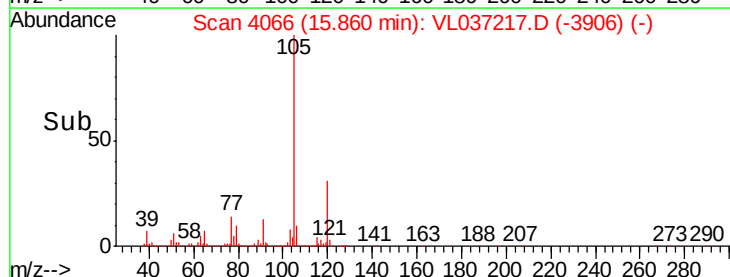
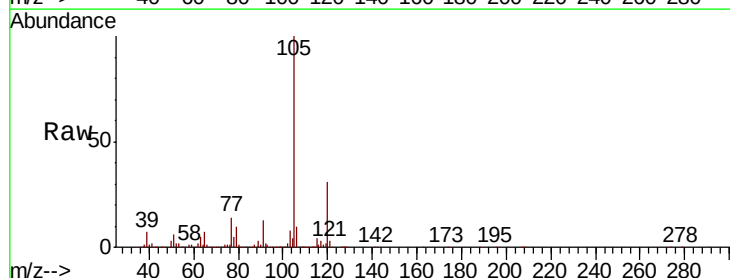
Ion Ratio Lower Upper

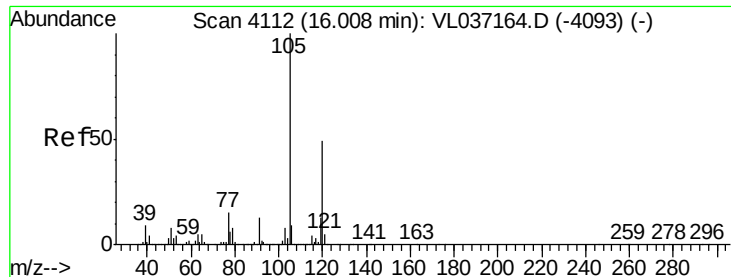
105 100

120 30.8 24.7 37.1

91 13.0 10.2 15.4

77 13.6 11.0 16.6





#73

1,3,5-Trimethylbenzene

Concen: 7.517 ppbv

RT: 16.01 min Scan# 4114

Delta R.T. 0.01 min

Lab File: VL037217.D

Acq: 22 Jun 2021 14:25

Instrument :

MSVOA_L

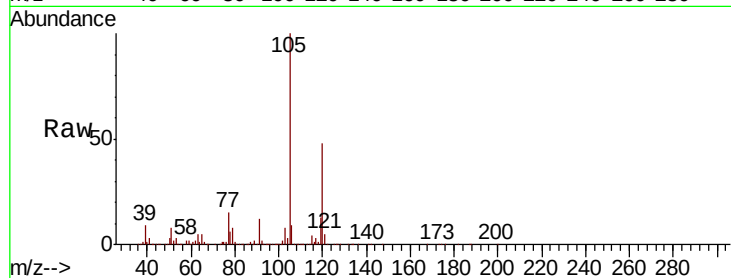
ClientSampleId :

Tot Ion:105 Resp: 5142606

Ion Ratio Lower Upper

105 100

120 47.6 39.4 59.2



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V

2500000

2000000

1500000

1000000

500000

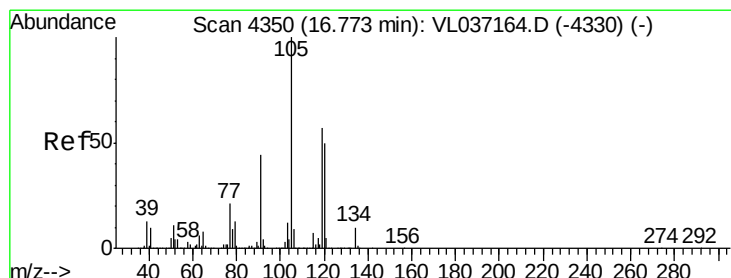
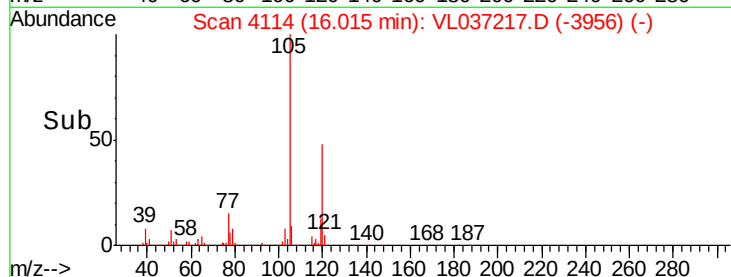
0

16.01

15.90

16.10

Time-->



#74

1,2,4-Trimethylbenzene

Concen: 7.612 ppbv

RT: 16.79 min Scan# 4354

Delta R.T. 0.01 min

Lab File: VL037217.D

Acq: 22 Jun 2021 14:25

Tgt Ion:105 Resp: 5365949

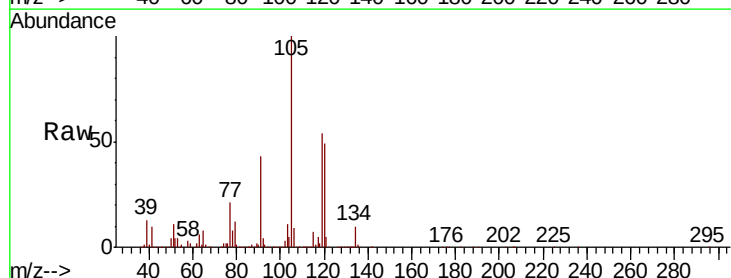
Ion Ratio Lower Upper

105 100

120 49.0 39.8 59.8

91 42.4 37.0 55.4

77 20.6 17.0 25.4



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

3000000

2000000

1000000

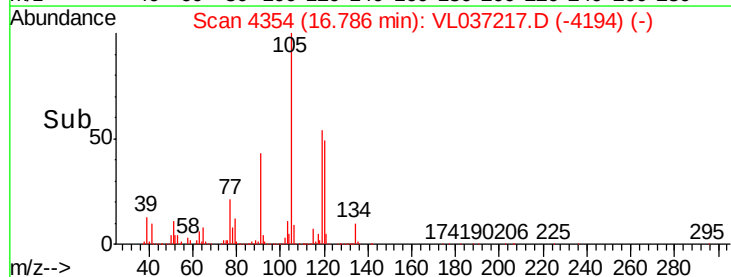
0

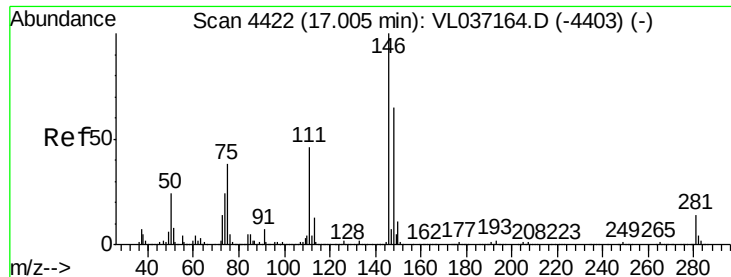
16.79

16.70

16.90

Time-->



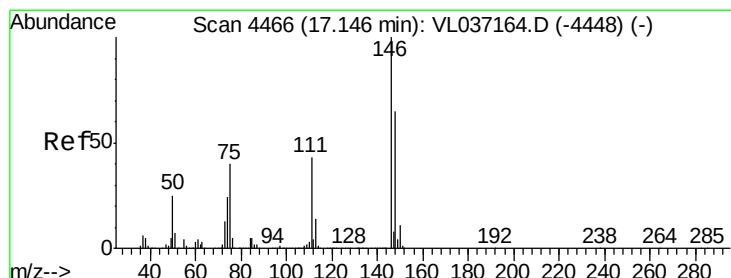
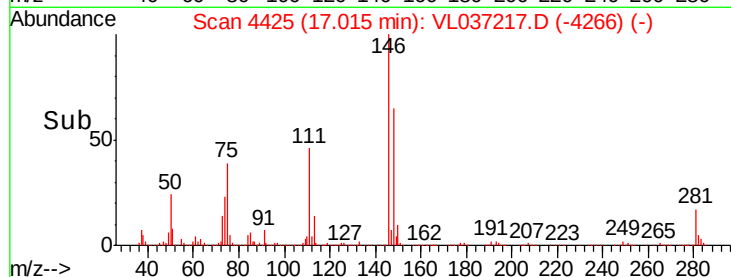
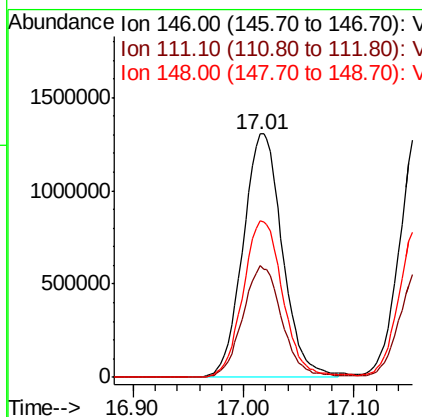
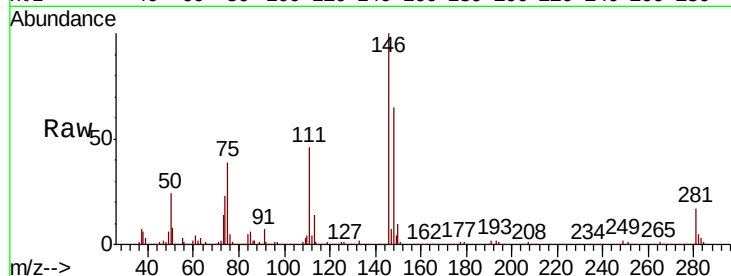


#75
 1,3-Dichlorobenzene
 Concen: 7.540 ppbv
 RT: 17.01 min Scan# 4425
 Delta R.T. 0.01 min
 Lab File: VL037217.D
 Acq: 22 Jun 2021 14:25

Instrument :
 MSVOA_L
 ClientSampleId :

Tot Ion:146 Resp: 3231947

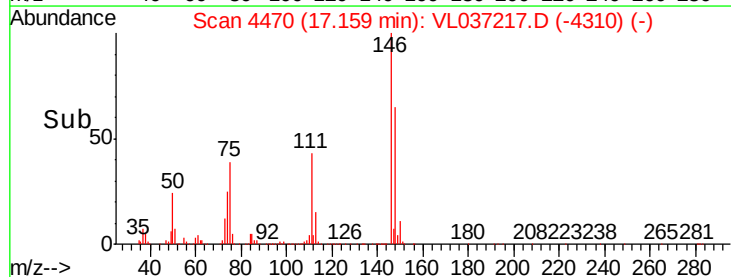
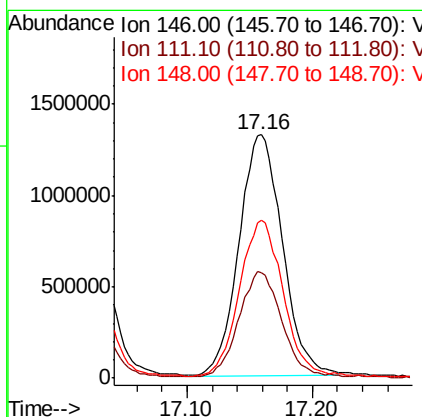
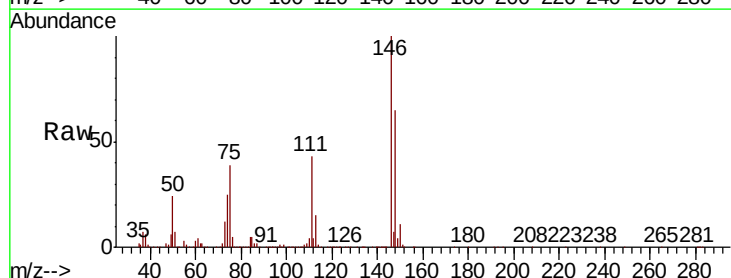
Ion	Ratio	Lower	Upper
146	100		
111	45.6	22.2	66.6
148	65.1	32.4	97.2

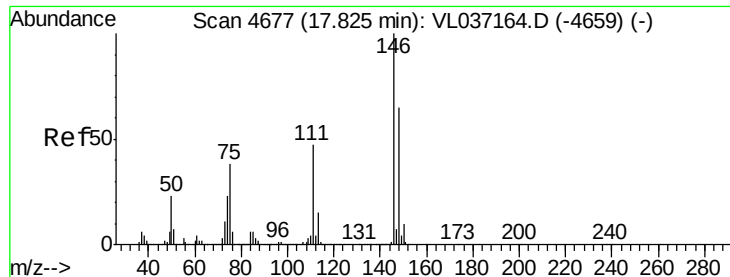


#76
 1,4-Dichlorobenzene
 Concen: 7.488 ppbv
 RT: 17.16 min Scan# 4470
 Delta R.T. 0.01 min
 Lab File: VL037217.D
 Acq: 22 Jun 2021 14:25

Tgt Ion:146 Resp: 3205589

Ion	Ratio	Lower	Upper
146	100		
111	44.3	22.7	68.0
148	66.5	33.7	101.1

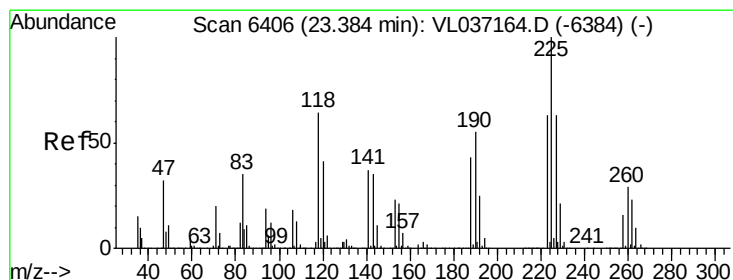
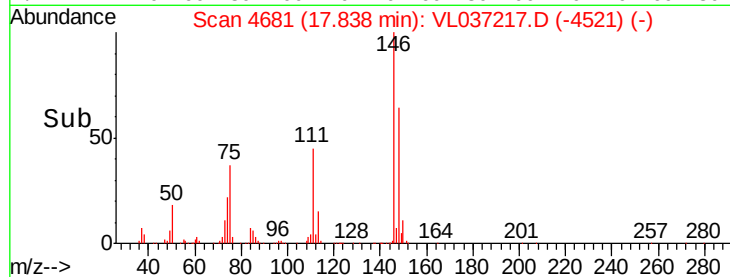
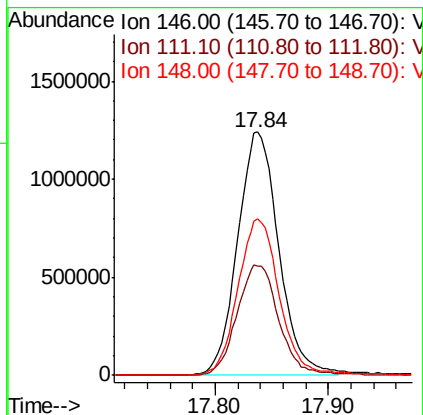
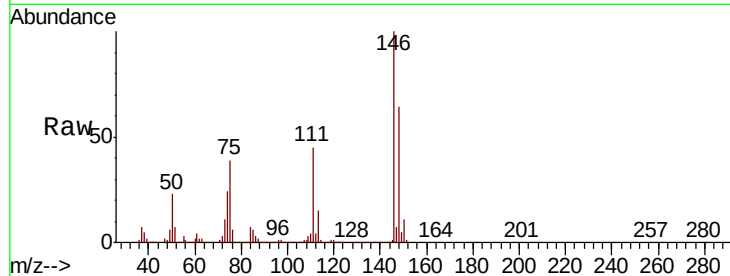




#77
 1,2-Dichlorobenzene
 Concen: 7.532 ppbv
 RT: 17.84 min Scan# 4681
 Delta R.T. 0.01 min
 Lab File: VL037217.D
 Acq: 22 Jun 2021 14:25

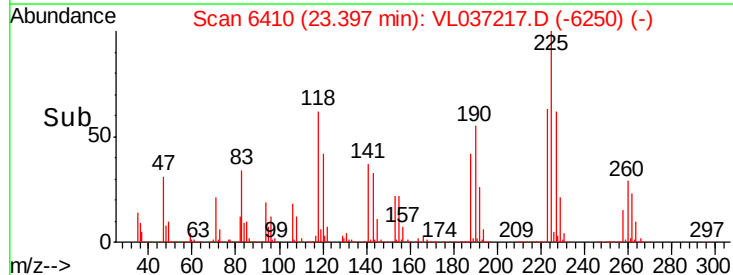
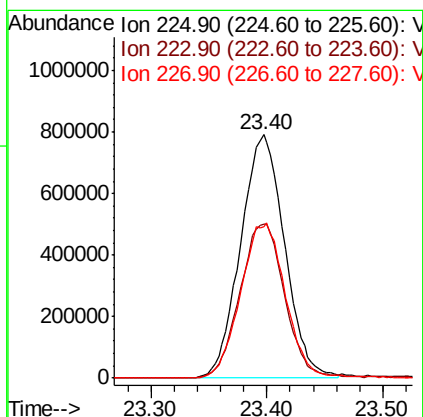
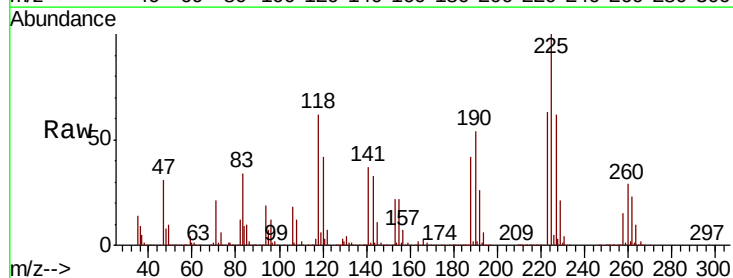
Instrument :
 MSVOA_L
 ClientSampleId :

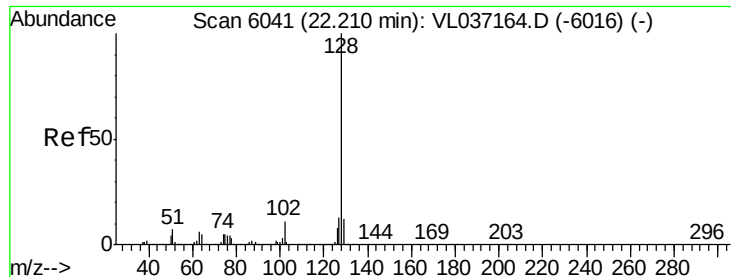
Tot Ion:146 Resp: 3122991
 Ion Ratio Lower Upper
 146 100
 111 46.5 23.3 69.8
 148 65.4 32.4 97.0



#78
 Hexachloro-1,3-Butadiene
 Concen: 5.836 ppbv
 RT: 23.40 min Scan# 6410
 Delta R.T. 0.01 min
 Lab File: VL037217.D
 Acq: 22 Jun 2021 14:25

Tgt Ion:225 Resp: 2080656
 Ion Ratio Lower Upper
 225 100
 223 65.5 51.8 77.8
 227 65.6 51.4 77.0





#79

Naphthalene

Concen: 7.017 ppbv

RT: 22.22 min Scan# 6045

Delta R.T. 0.01 min

Lab File: VL037217.D

Acq: 22 Jun 2021 14:25

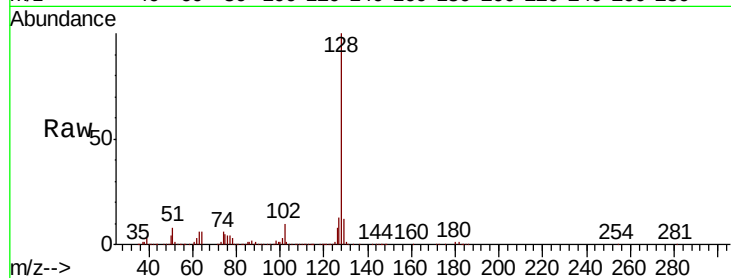
Instrument :

MSVOA_L

ClientSampleId :

Tot Ion:128 Resp: 4124223

Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.7	16.1
129	11.7	9.3	13.9

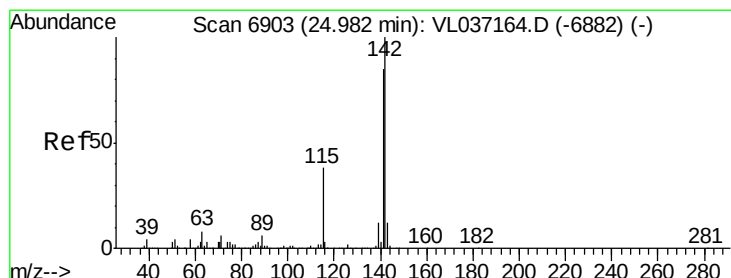
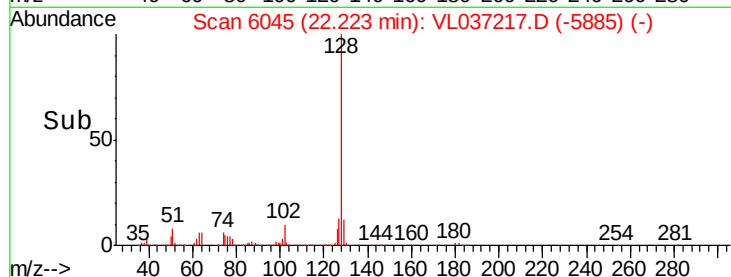
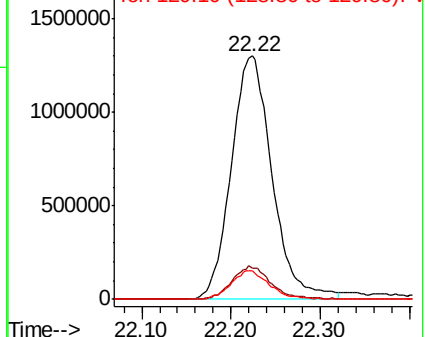


Abundance

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: 7.629 ppbv

RT: 24.99 min Scan# 6906

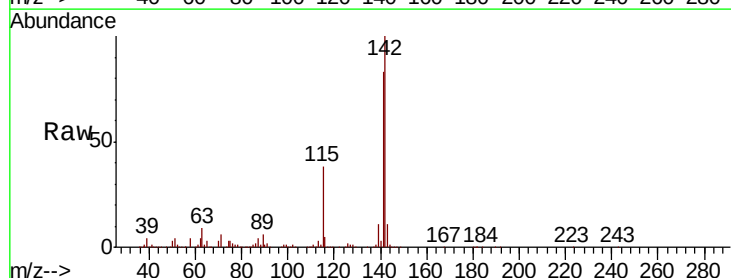
Delta R.T. 0.01 min

Lab File: VL037217.D

Acq: 22 Jun 2021 14:25

Tgt Ion:142 Resp: 1176031

Ion	Ratio	Lower	Upper
142	100		
141	84.9	63.7	95.5
115	35.1	30.6	45.8

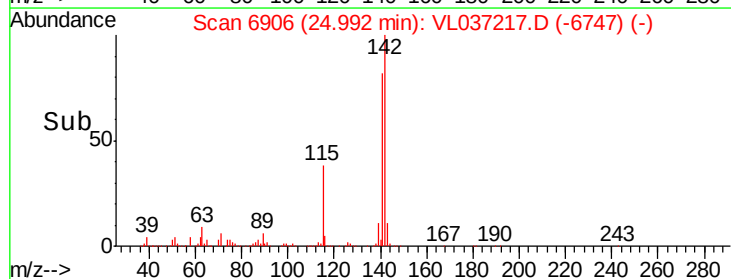
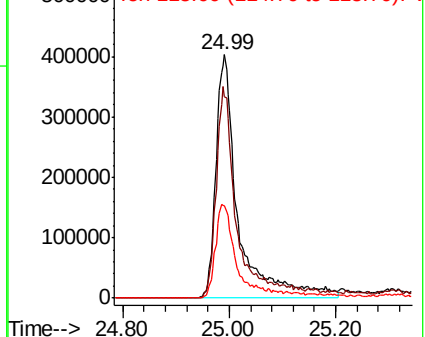


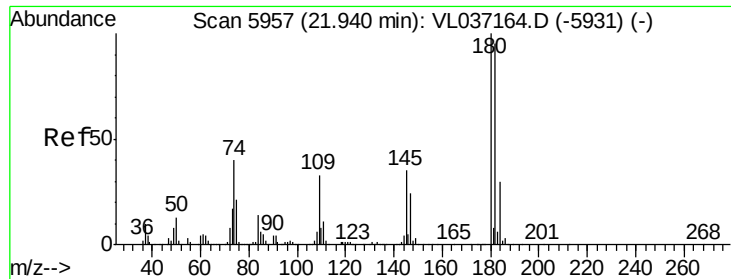
Abundance

Ion 142.00 (141.70 to 142.70): V

Ion 141.00 (140.70 to 141.70): V

Ion 115.00 (114.70 to 115.70): V

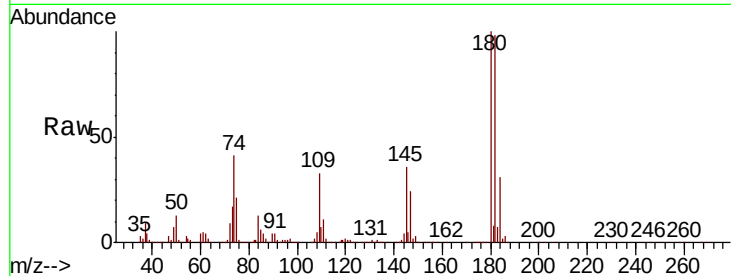




#81
 1,2,4-Trichlorobenzene
 Concen: 6.973 ppbv
 RT: 21.95 min Scan# 5961
 Delta R.T. 0.01 min
 Lab File: VL037217.D
 Acq: 22 Jun 2021 14:25

Instrument :
 MSVOA_L
 ClientSampleId :

Tot Ion:180 Resp: 2364864
 Ion Ratio Lower Upper
 180 100
 182 100.4 79.3 118.9
 184 32.6 24.7 37.1



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

