

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW011223\
 Data File : VW029792.D
 Acq On : 12 Jan 2023 17:42
 Operator : SY/MD
 Sample : VSTD01019
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jan 12 21:49:27 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011223WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jan 12 21:47:28 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	202996	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	195360	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.236	152	117098	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	167872	12.931	ug/L	0.00
7) Chloroethane-d5	1.564	69	136707	14.063	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.104	63	296429	13.885	ug/L	0.00
20) 2-Butanone-d5	3.905	46	315883	143.296	ug/L	0.00
24) Chloroform-d	4.339	84	305385	13.143	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.024	65	132469	13.028	ug/L	0.00
32) Benzene-d6	5.040	84	639163	11.829	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.063	67	181159	11.804	ug/L	0.00
41) Toluene-d8	7.307	98	602000	11.832	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.612	79	69662	11.963	ug/L	0.00
46) 2-Hexanone-d5	8.085	63	308672	142.901	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.204	84	139414	14.171	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.612	152	228169	11.233	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.127	85	214170	13.256	ug/L	98
3) Chloromethane	1.240	50	222651	14.427	ug/L	99
5) Vinyl chloride	1.307	62	217539	14.293	ug/L	99
6) Bromomethane	1.519	94	105051	11.796	ug/L	98
8) Chloroethane	1.580	64	131537	14.421	ug/L	100
9) Trichlorofluoromethane	1.748	101	288016	13.691	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	168211	14.128	ug/L	99
12) 1,1-Dichloroethene	2.114	96	167454	14.470	ug/L	98
13) Acetone	2.207	43	192893	119.791	ug/L	92
14) Carbon disulfide	2.288	76	554973	15.820	ug/L	100
15) Methyl Acetate	2.439	43	51217	11.254	ug/L	98
16) Methylene chloride	2.500	84	190752	11.017	ug/L	99
17) Methyl tert-butyl Ether	2.767	73	349018	12.497	ug/L	99
18) trans-1,2-Dichloroethene	2.754	96	177520	13.590	ug/L	98
19) 1,1-Dichloroethane	3.182	63	297691	12.959	ug/L	99
21) 2-Butanone	3.989	43	325050	130.140	ug/L	98
22) cis-1,2-Dichloroethene	3.902	96	187334	12.813	ug/L	99
23) Bromochloromethane	4.239	128	80502	13.640	ug/L	99
25) Chloroform	4.365	83	308364	12.802	ug/L	97
27) 1,2-Dichloroethane	5.120	62	157616	12.183	ug/L	97
29) 1,1,1-Trichloroethane	4.596	97	275473	11.830	ug/L	100
30) Cyclohexane	4.667	56	276808	12.092	ug/L	99
31) Carbon tetrachloride	4.818	117	240838	12.179	ug/L	99
33) Benzene	5.088	78	736237	12.118	ug/L	100
34) Trichloroethene	5.905	95	184004	11.921	ug/L	97
35) Methylcyclohexane	6.124	83	322825	12.448	ug/L	99
37) 1,2-Dichloropropane	6.165	63	168586	11.786	ug/L	100
38) Bromodichloromethane	6.500	83	216529	12.443	ug/L	97
39) cis-1,3-Dichloropropene	7.017	75	237481	11.694	ug/L	99
40) 4-Methyl-2-pentanone	7.223	43	779788	118.592	ug/L	99
42) Toluene	7.378	91	799827	12.247	ug/L	100
44) trans-1,3-Dichloropropene	7.641	75	192853	11.871	ug/L	99

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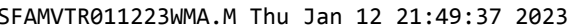
Quant Time: Jan 12 21:49:27 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011223WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jan 12 21:47:28 2023
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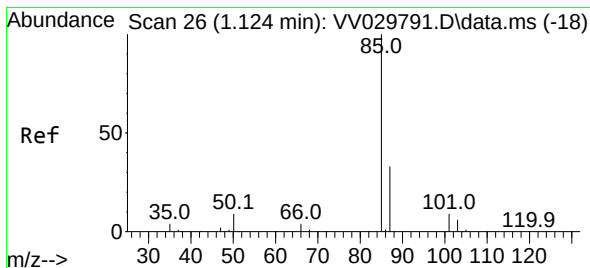
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

45) 1,1,2-Trichloroethane	7.831	97	118479	12.143	ug/L	98
47) Tetrachloroethene	7.966	164	153998	12.095	ug/L	99
48) 2-Hexanone	8.136	43	552359	119.811	ug/L	99
49) Dibromochloromethane	8.236	129	144107	12.986	ug/L	99
50) 1,2-Dibromoethane	8.342	107	106788	12.539	ug/L	100
51) Chlorobenzene	8.873	112	495842	12.164	ug/L	99
52) Ethylbenzene	9.001	91	844675	12.456	ug/L	99
53) m,p-Xylene	9.130	106	335504	12.467	ug/L	98
54) o-Xylene	9.532	106	323469	12.410	ug/L	100
55) Styrene	9.551	104	570054	12.827	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.230	83	138848	13.455	ug/L	98
59) Bromoform	9.722	173	82452	12.565	ug/L	100
60) Isopropylbenzene	9.921	105	858994	11.183	ug/L	100
61) 1,2,3-Trichloropropane	10.262	75	94907	11.363	ug/L	99
62) 1,3,5-Trimethylbenzene	10.529	105	743931	11.277	ug/L	99
63) 1,2,4-Trimethylbenzene	10.905	105	758413	11.401	ug/L	99
64) 1,3-Dichlorobenzene	11.168	146	420754	11.581	ug/L	100
65) 1,4-Dichlorobenzene	11.262	146	417573	11.603	ug/L	99
67) 1,2-Dichlorobenzene	11.631	146	381794	11.431	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.416	75	21439	12.689	ug/L	98
69) 1,3,5-Trichlorobenzene	12.631	180	344973	11.568	ug/L	100
70) 1,2,4-trichlorobenzene	13.249	180	273732	11.418	ug/L	99
71) Naphthalene	13.490	128	377157	16.294	ug/L	100
72) 1,2,3-Trichlorobenzene	13.728	180	231290	11.810	ug/L	99

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

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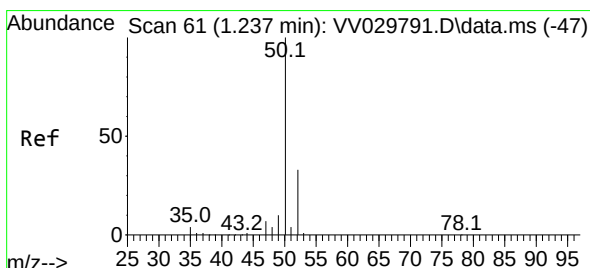
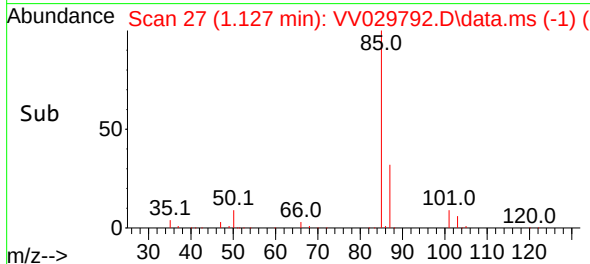
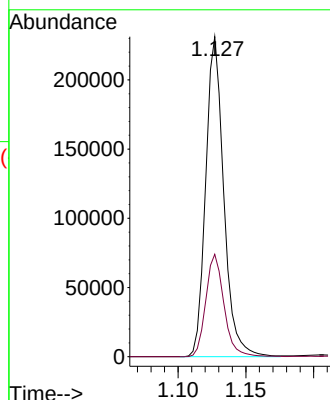
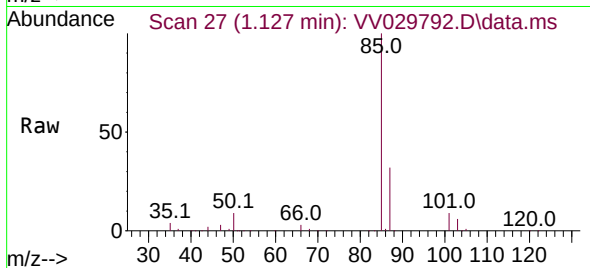




#2
 Dichlorodifluoromethane
 Concen: 13.256 ug/L
 RT: 1.127 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VV029792.D
 Acq: 12 Jan 2023 17:42

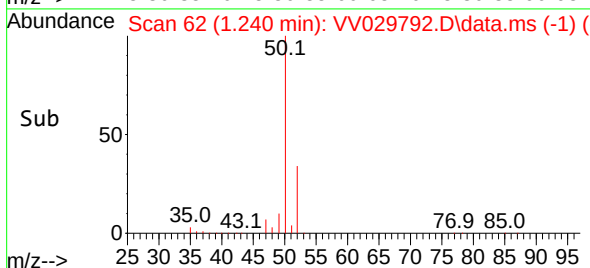
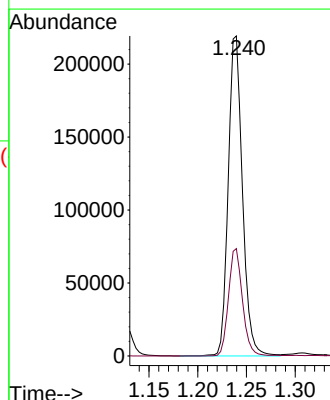
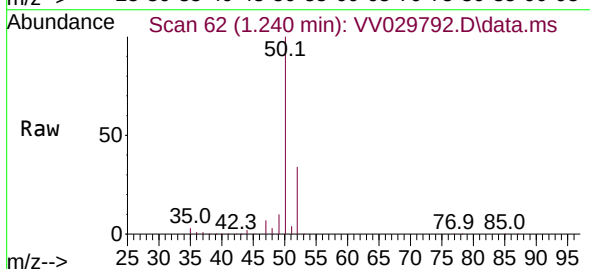
Instrument :
 MSVOA_V
 ClientSampleId :

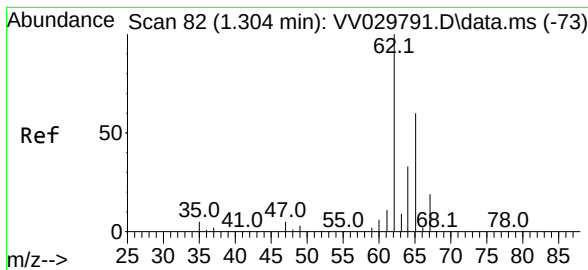
Tgt Ion: 85 Resp: 214170
 Ion Ratio Lower Upper
 85 100
 87 32.2 26.5 39.7



#3
 Chloromethane
 Concen: 14.427 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. 0.003 min
 Lab File: VV029792.D
 Acq: 12 Jan 2023 17:42

Tgt Ion: 50 Resp: 222651
 Ion Ratio Lower Upper
 50 100
 52 33.6 23.1 42.9





#5

Vinyl chloride

Concen: 14.293 ug/L

RT: 1.307 min Scan# 81

Delta R.T. 0.003 min

Lab File: VV029792.D

Acq: 12 Jan 2023 17:42

Instrument :

MSVOA_V

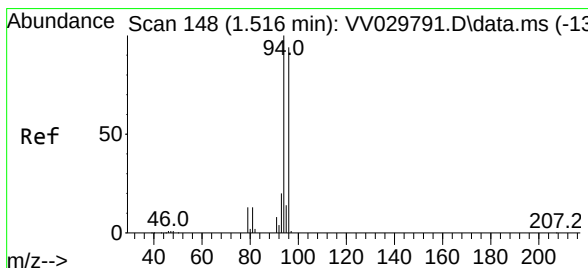
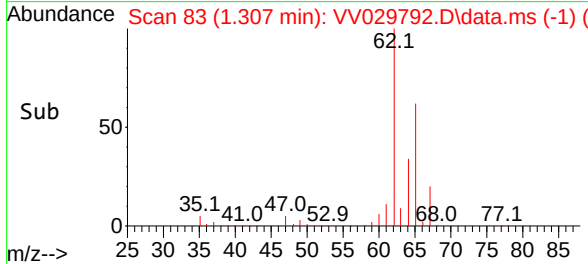
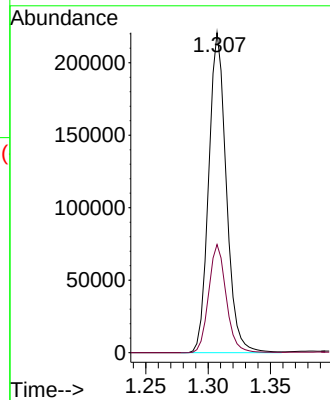
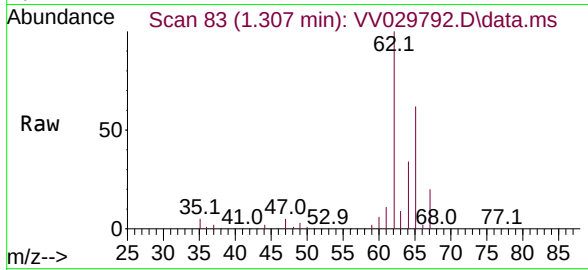
ClientSampleId :

Tgt Ion: 62 Resp: 217539

Ion Ratio Lower Upper

62 100

64 33.8 23.2 43.2



#6

Bromomethane

Concen: 11.796 ug/L

RT: 1.519 min Scan# 149

Delta R.T. 0.003 min

Lab File: VV029792.D

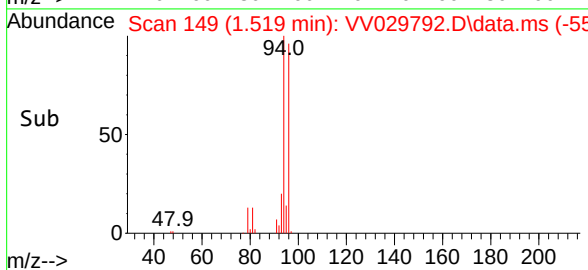
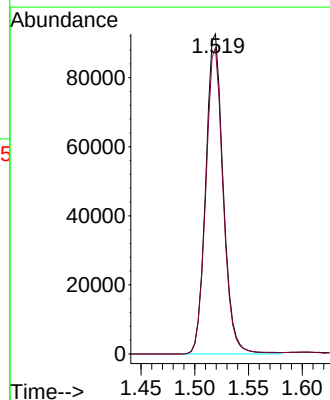
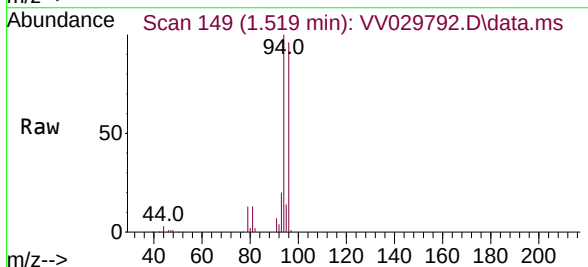
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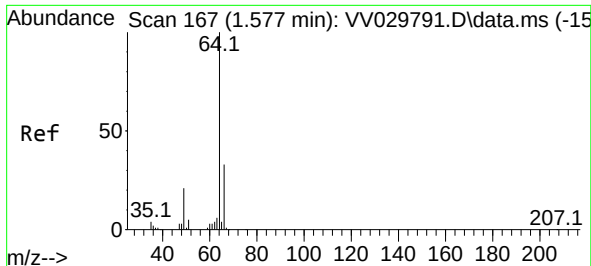
Tgt Ion: 94 Resp: 105051

Ion Ratio Lower Upper

94 100

96 95.7 65.9 122.5

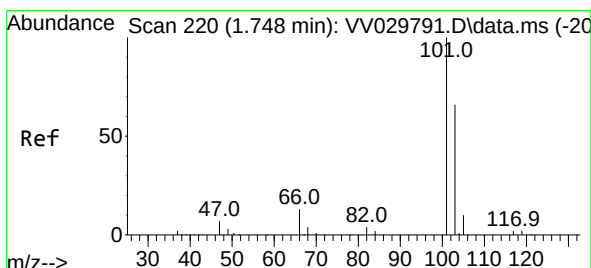
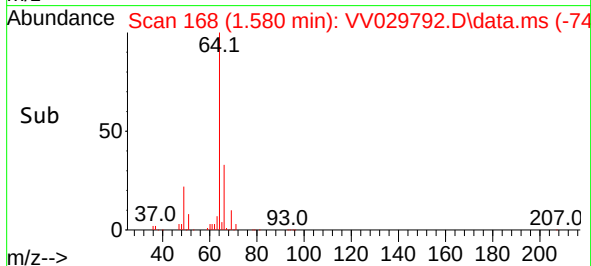
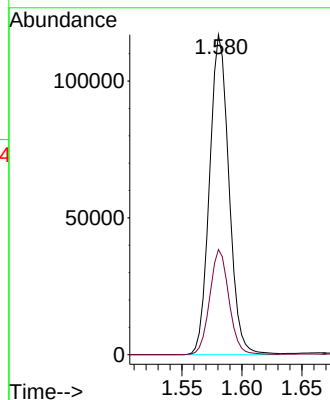
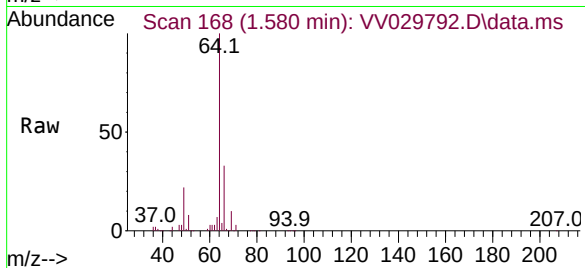




#8
Chloroethane
Concen: 14.421 ug/L
RT: 1.580 min Scan# 1
Delta R.T. 0.003 min
Lab File: VV029792.D
Acq: 12 Jan 2023 17:42

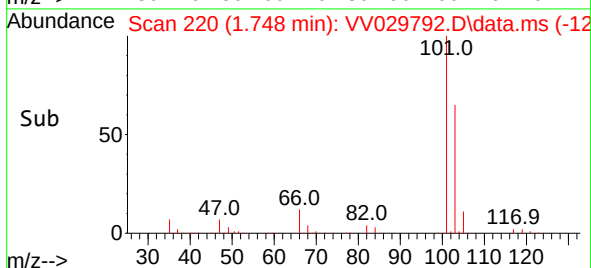
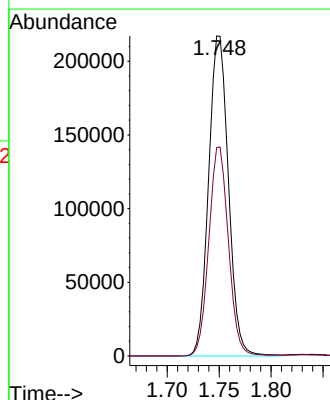
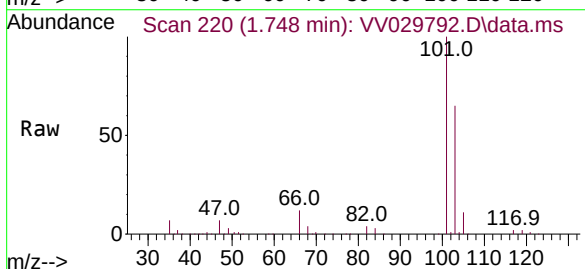
Instrument :
MSVOA_V
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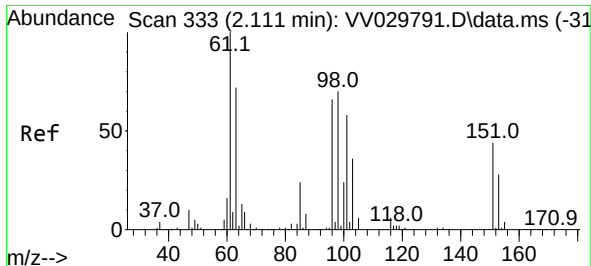
Tgt Ion: 64 Resp: 131537
Ion Ratio Lower Upper
64 100
66 32.9 22.9 42.5



#9
Trichlorofluoromethane
Concen: 13.691 ug/L
RT: 1.748 min Scan# 220
Delta R.T. -0.000 min
Lab File: VV029792.D
Acq: 12 Jan 2023 17:42

Tgt Ion:101 Resp: 288016
Ion Ratio Lower Upper
101 100
103 64.8 51.8 77.8

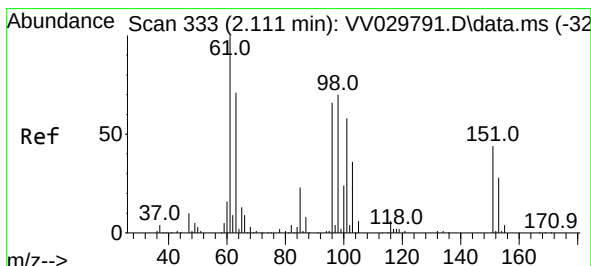
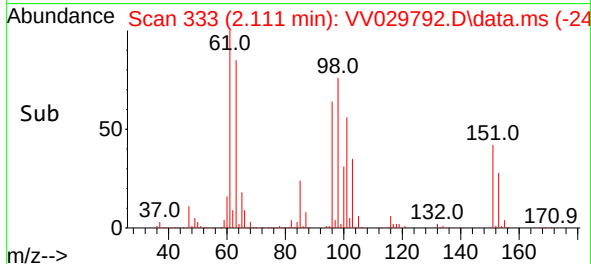
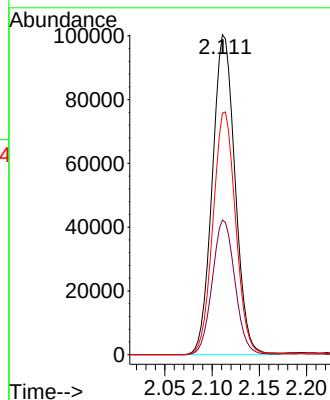
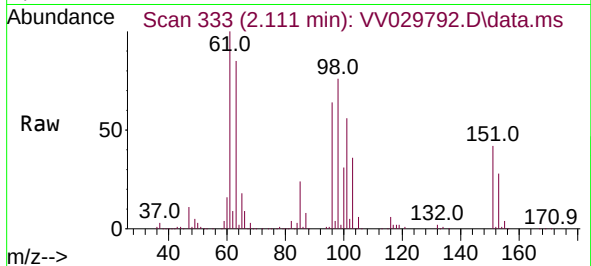




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 14.128 ug/L
 RT: 2.111 min Scan# 333
 Delta R.T. -0.000 min
 Lab File: VV029792.D
 Acq: 12 Jan 2023 17:42

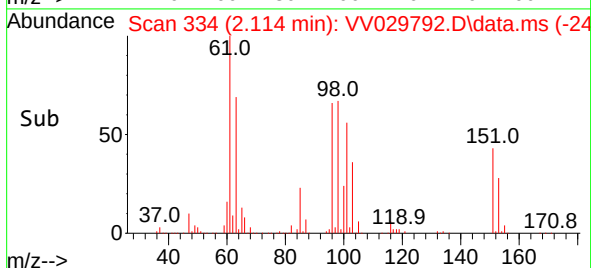
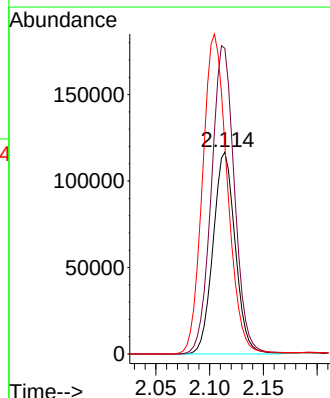
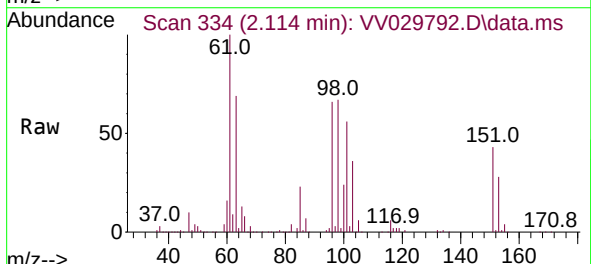
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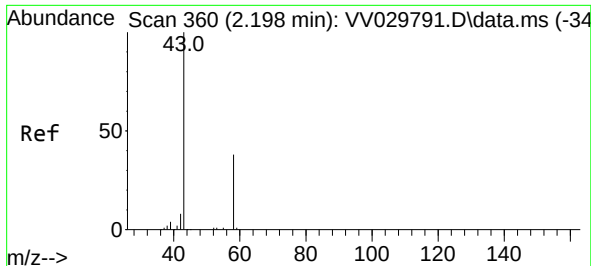
Tgt Ion:101 Resp: 168211
 Ion Ratio Lower Upper
 101 100
 85 41.9 32.9 49.3
 151 75.8 60.9 91.3



#12
 1,1-Dichloroethene
 Concen: 14.470 ug/L
 RT: 2.114 min Scan# 334
 Delta R.T. 0.003 min
 Lab File: VV029792.D
 Acq: 12 Jan 2023 17:42

Tgt Ion: 96 Resp: 167454
 Ion Ratio Lower Upper
 96 100
 61 151.4 106.1 197.1
 63 103.9 76.4 141.8





#13

Acetone

Concen: 119.791 ug/L

RT: 2.207 min Scan# 363

Delta R.T. 0.009 min

Lab File: VV029792.D

Acq: 12 Jan 2023 17:42

Instrument :

MSVOA_V

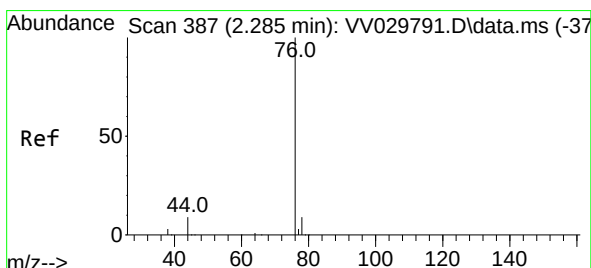
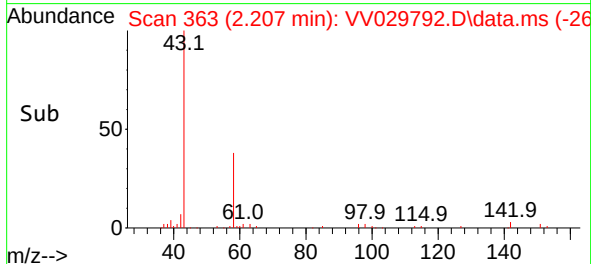
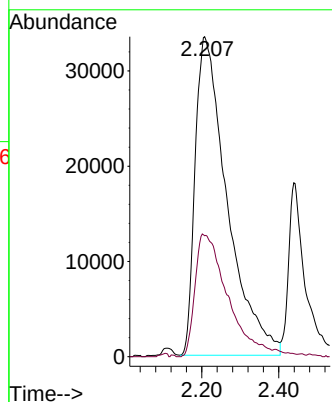
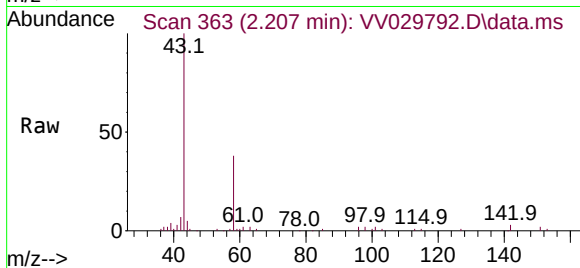
ClientSampleId :

Tgt Ion: 43 Resp: 192893

Ion Ratio Lower Upper

43 100

58 39.0 0.0 68.8



#14

Carbon disulfide

Concen: 15.820 ug/L

RT: 2.288 min Scan# 388

Delta R.T. 0.003 min

Lab File: VV029792.D

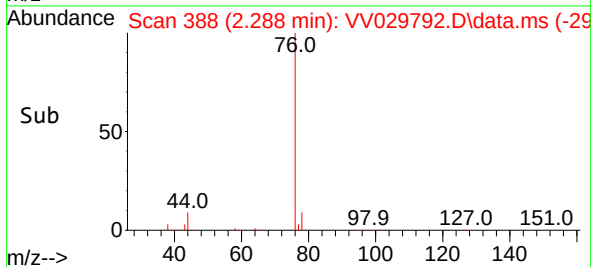
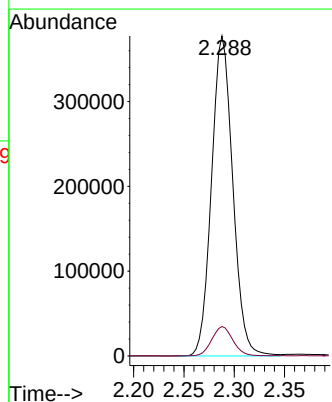
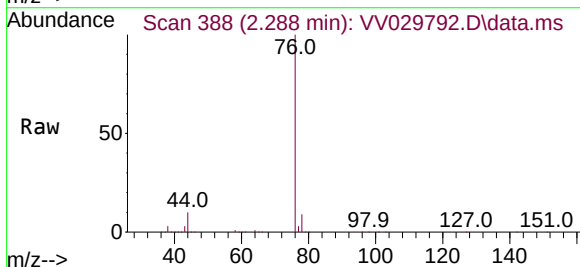
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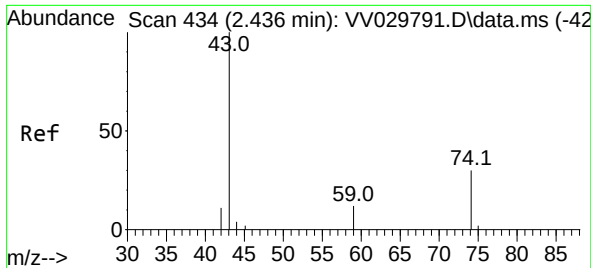
Tgt Ion: 76 Resp: 554973

Ion Ratio Lower Upper

76 100

78 9.2 7.4 11.0

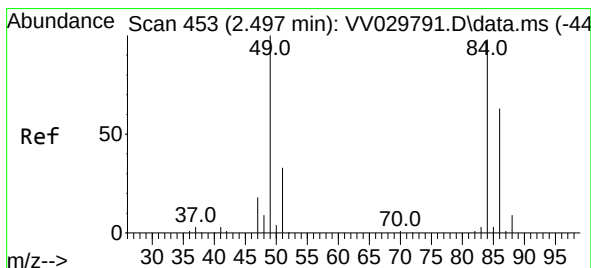
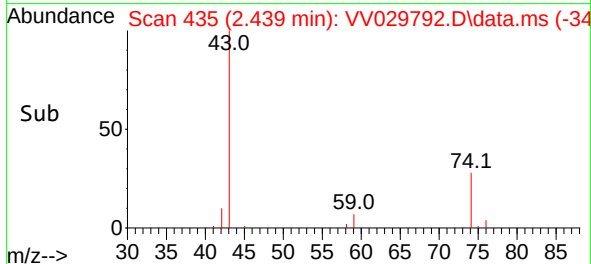
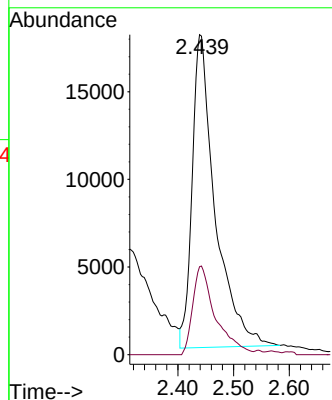
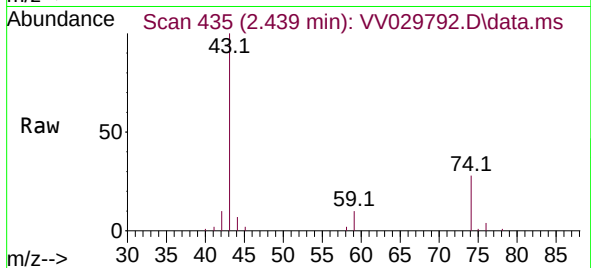




#15
Methyl Acetate
Concen: 11.254 ug/L
RT: 2.439 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV029792.D
Acq: 12 Jan 2023 17:42

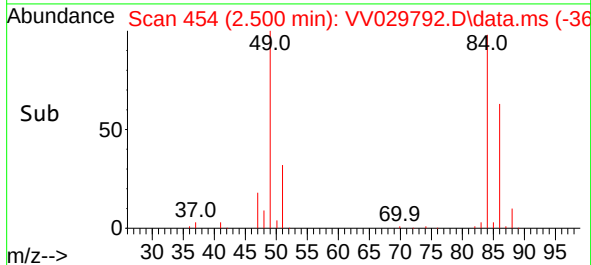
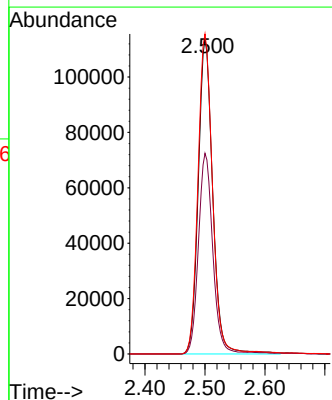
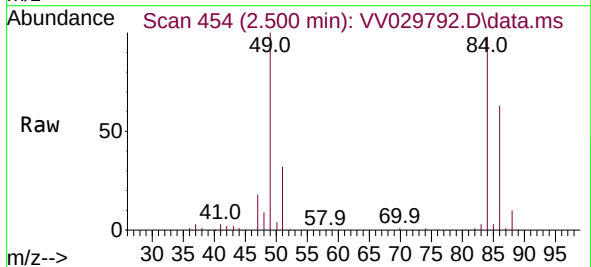
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MSVOA_V
ClientSampleId :

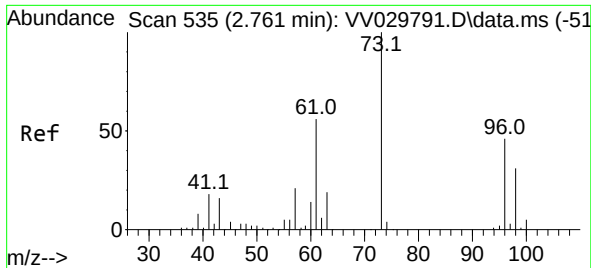
Tgt Ion: 43 Resp: 51217
Ion Ratio Lower Upper
43 100
74 28.0 23.4 35.0



#16
Methylene chloride
Concen: 11.017 ug/L
RT: 2.500 min Scan# 454
Delta R.T. 0.003 min
Lab File: VV029792.D
Acq: 12 Jan 2023 17:42

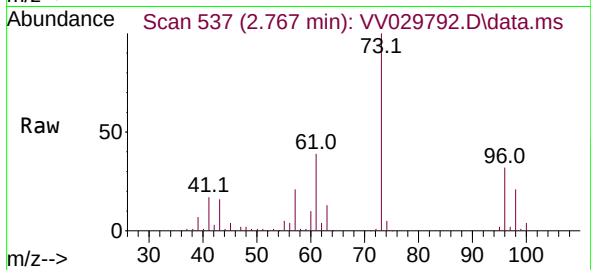
Tgt Ion: 84 Resp: 190752
Ion Ratio Lower Upper
84 100
86 63.7 45.0 83.6
49 101.5 71.5 132.7



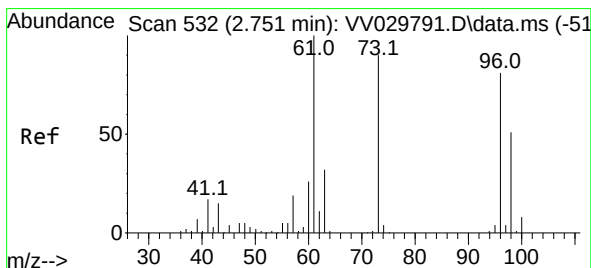
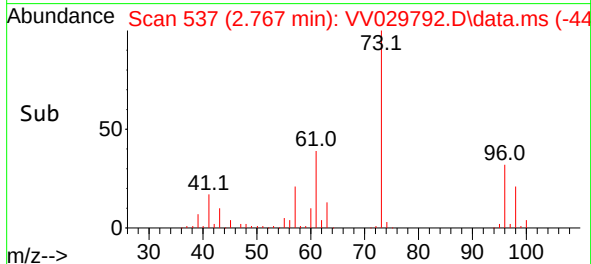
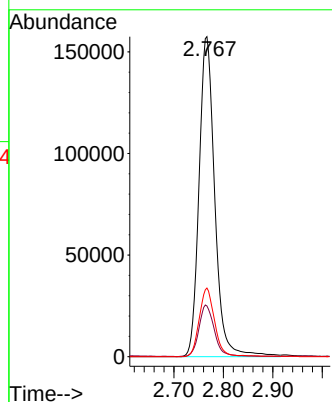


#17
Methyl tert-butyl Ether
Concen: 12.497 ug/L
RT: 2.767 min Scan# 51
Delta R.T. 0.006 min
Lab File: VV029792.D
Acq: 12 Jan 2023 17:42

Instrument :
MSVOA_V
ClientSampleId :

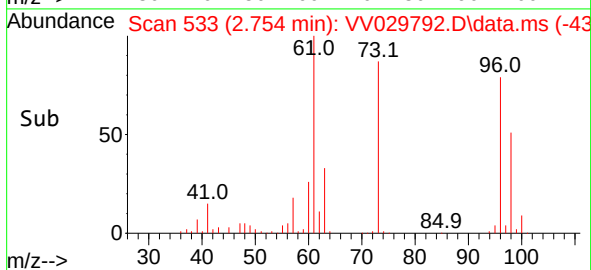
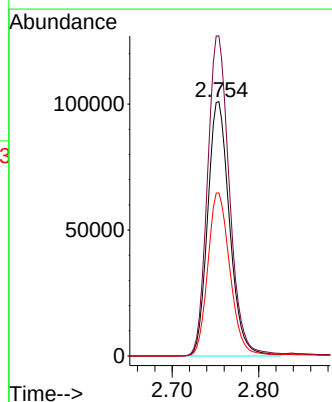
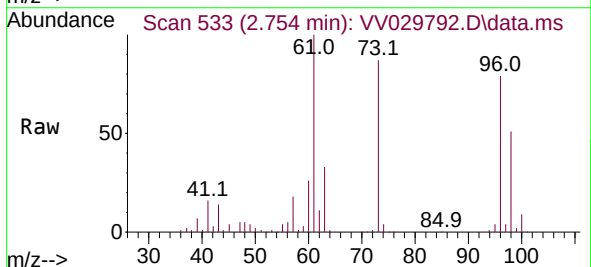


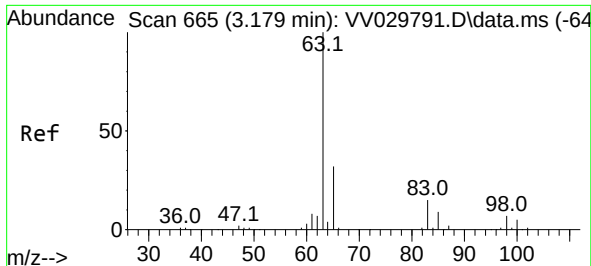
Tgt Ion: 73 Resp: 349018
Ion Ratio Lower Upper
73 100
43 15.8 13.0 19.4
57 20.7 17.1 25.7



#18
trans-1,2-Dichloroethene
Concen: 13.590 ug/L
RT: 2.754 min Scan# 533
Delta R.T. 0.003 min
Lab File: VV029792.D
Acq: 12 Jan 2023 17:42

Tgt Ion: 96 Resp: 177520
Ion Ratio Lower Upper
96 100
61 125.9 86.1 159.9
98 64.1 43.9 81.5





#19

1,1-Dichloroethane

Concen: 12.959 ug/L

RT: 3.182 min Scan# 6

Delta R.T. 0.003 min

Lab File: VV029792.D

Acq: 12 Jan 2023 17:42

Instrument :

MSVOA_V

ClientSampleId :

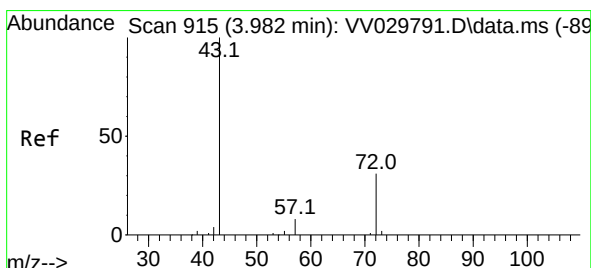
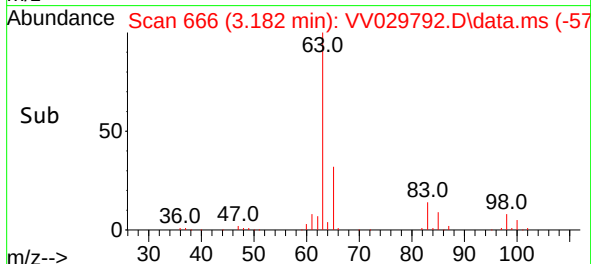
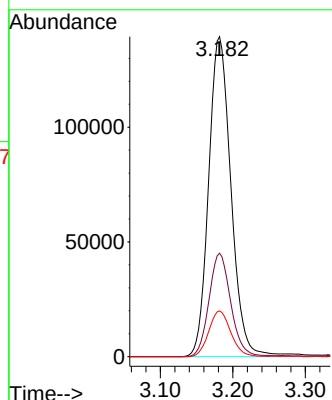
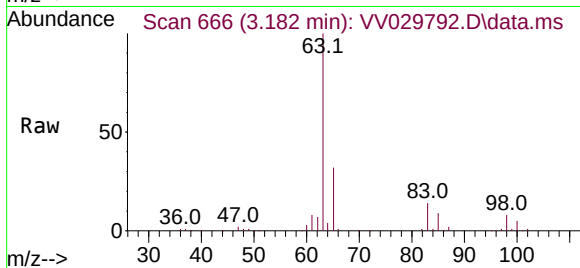
Tgt Ion: 63 Resp: 297691

Ion Ratio Lower Upper

63 100

65 32.3 22.4 41.6

83 14.3 10.2 19.0



#21

2-Butanone

Concen: 130.140 ug/L

RT: 3.989 min Scan# 917

Delta R.T. 0.006 min

Lab File: VV029792.D

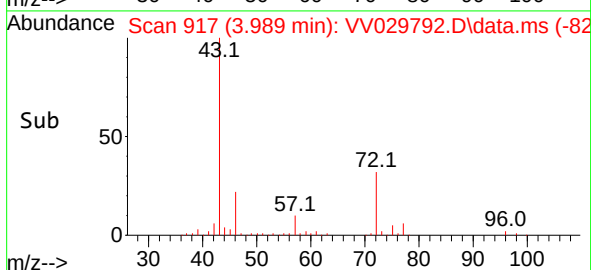
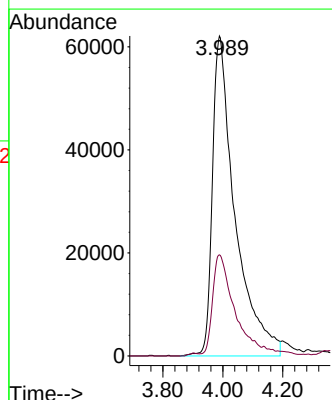
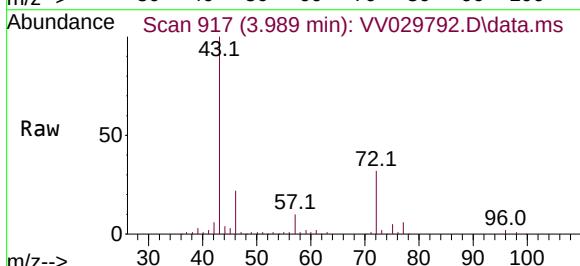
Acq: 12 Jan 2023 17:42

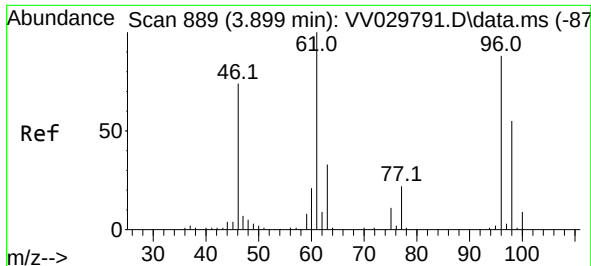
Tgt Ion: 43 Resp: 325050

Ion Ratio Lower Upper

43 100

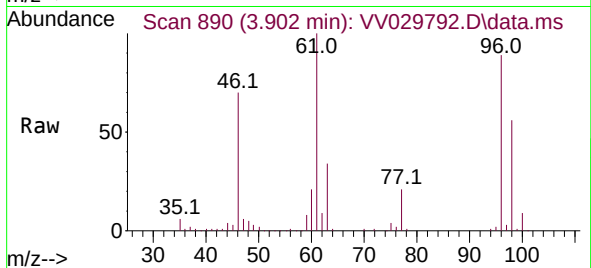
72 28.7 13.9 41.6





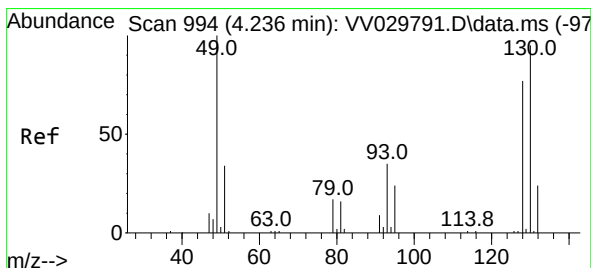
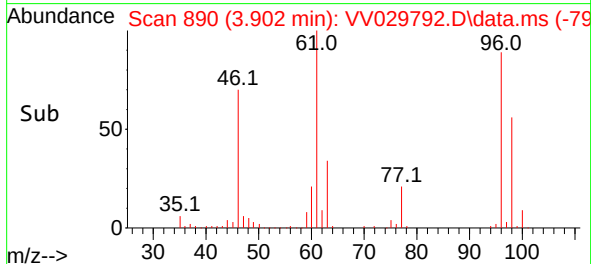
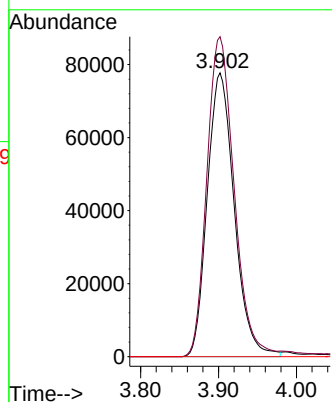
#22
 cis-1,2-Dichloroethene
 Concen: 12.813 ug/L
 RT: 3.902 min Scan# 890
 Delta R.T. 0.003 min
 Lab File: VV029792.D
 Acq: 12 Jan 2023 17:42

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 96 Resp: 187334

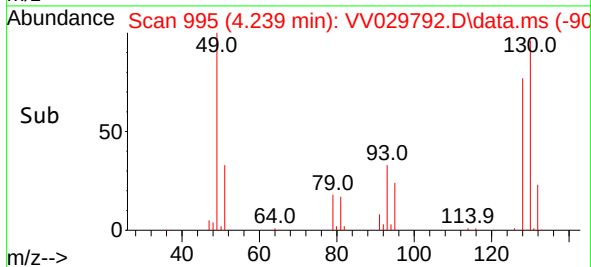
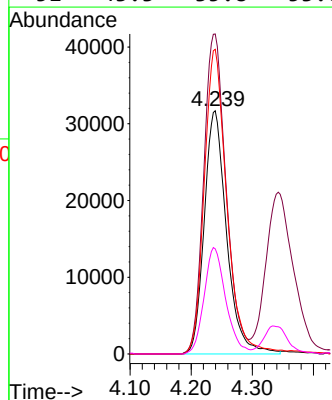
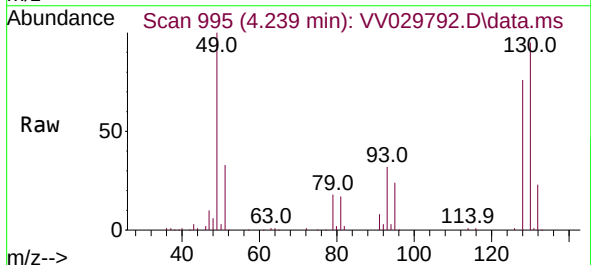
Ion	Ratio	Lower	Upper
96	100		
61	112.7	80.0	148.6
68	0.0	0.0	0.0

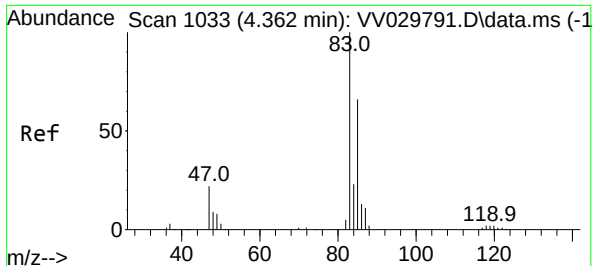


#23
 Bromochloromethane
 Concen: 13.640 ug/L
 RT: 4.239 min Scan# 995
 Delta R.T. 0.003 min
 Lab File: VV029792.D
 Acq: 12 Jan 2023 17:42

Tgt Ion:128 Resp: 80502

Ion	Ratio	Lower	Upper
128	100		
49	131.6	91.2	169.4
130	125.3	87.0	161.6
51	43.3	35.8	53.6





#25

Chloroform

Concen: 12.802 ug/L

RT: 4.365 min Scan# 1033

Delta R.T. 0.003 min

Lab File: VV029792.D

Acq: 12 Jan 2023 17:42

Instrument :

MSVOA_V

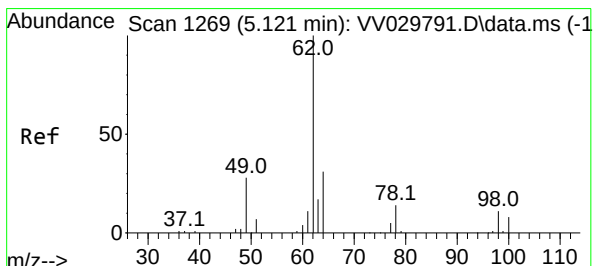
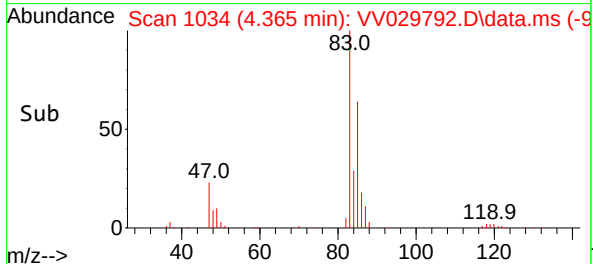
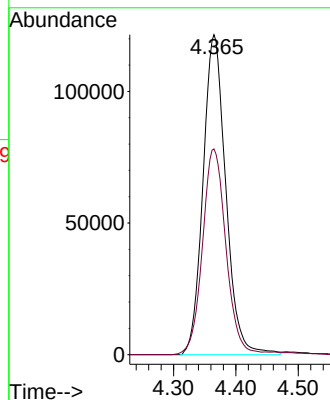
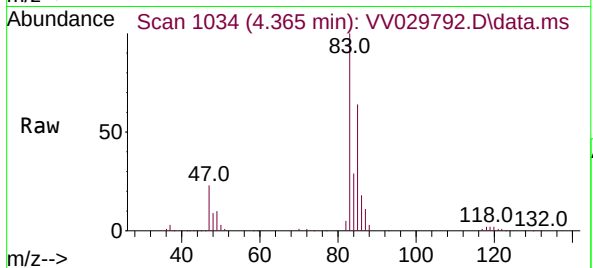
ClientSampleId :

Tgt Ion: 83 Resp: 308364

Ion Ratio Lower Upper

83 100

85 64.3 46.5 86.5



#27

1,2-Dichloroethane

Concen: 12.183 ug/L

RT: 5.120 min Scan# 1269

Delta R.T. -0.000 min

Lab File: VV029792.D

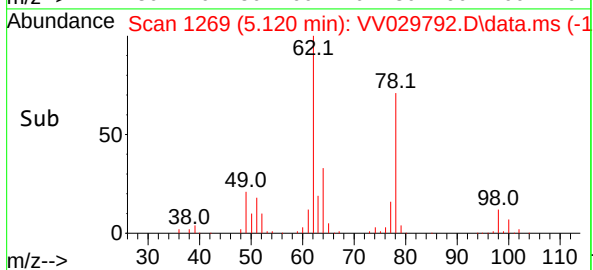
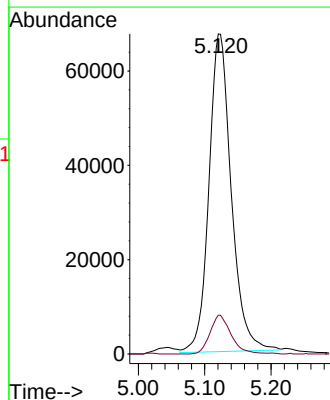
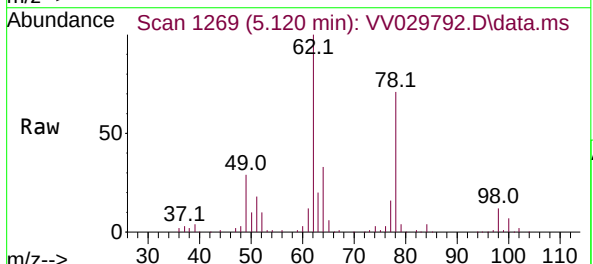
Acq: 12 Jan 2023 17:42

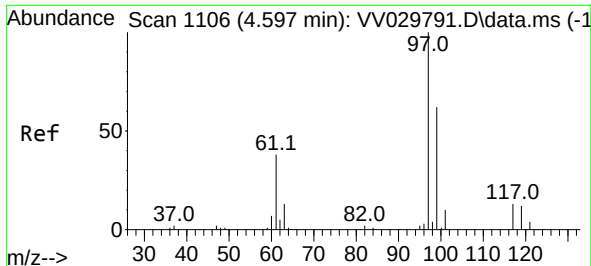
Tgt Ion: 62 Resp: 157616

Ion Ratio Lower Upper

62 100

98 12.1 8.9 13.3





#29

1,1,1-Trichloroethane

Concen: 11.830 ug/L

RT: 4.596 min Scan# 1106

Delta R.T. -0.000 min

Lab File: VV029792.D

Acq: 12 Jan 2023 17:42

Instrument :

MSVOA_V

ClientSampleId :

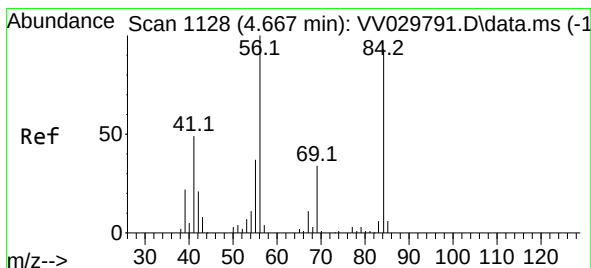
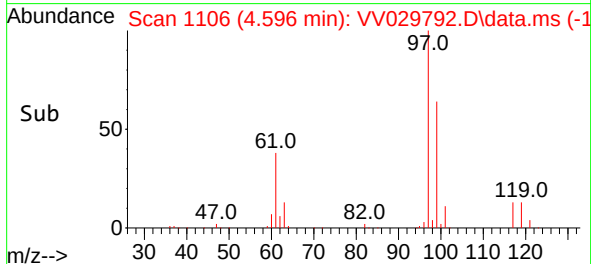
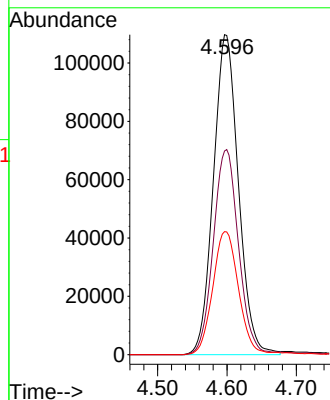
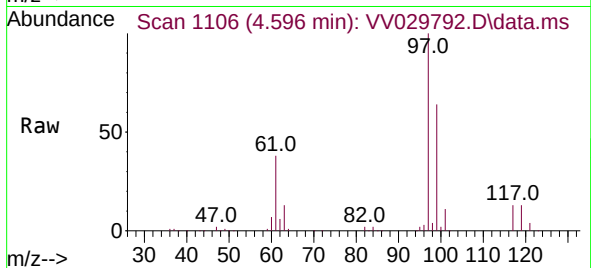
Tgt Ion: 97 Resp: 275473

Ion Ratio Lower Upper

97 100

99 64.5 51.3 76.9

61 39.5 31.6 47.4



#30

Cyclohexane

Concen: 12.092 ug/L

RT: 4.667 min Scan# 1128

Delta R.T. -0.000 min

Lab File: VV029792.D

Acq: 12 Jan 2023 17:42

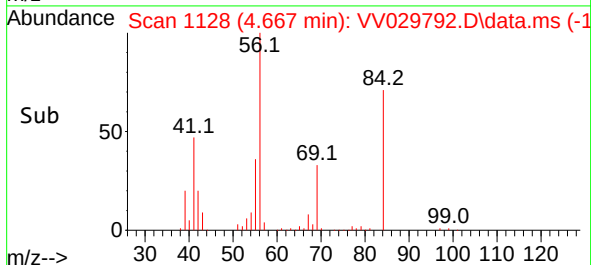
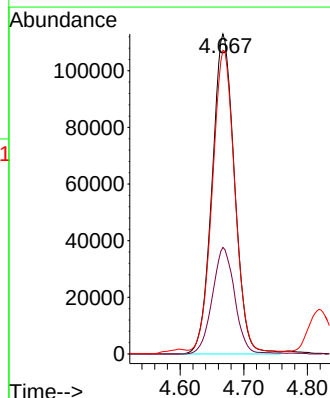
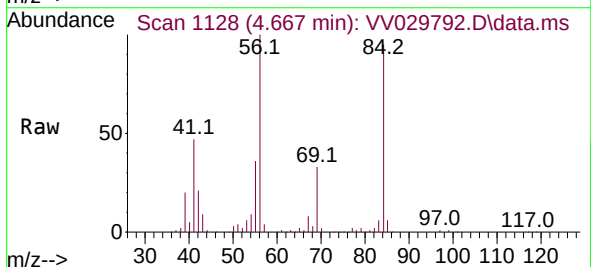
Tgt Ion: 56 Resp: 276808

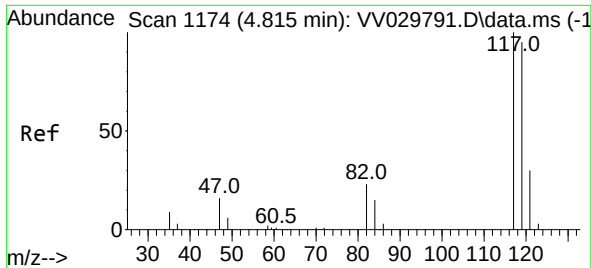
Ion Ratio Lower Upper

56 100

69 33.2 26.7 40.1

84 93.9 73.8 110.8

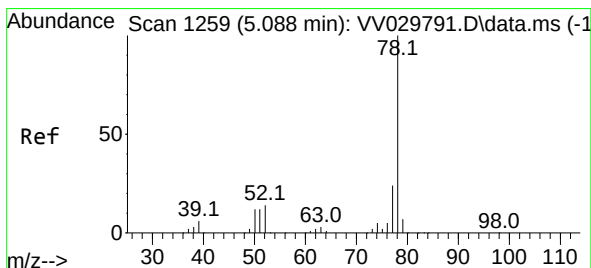
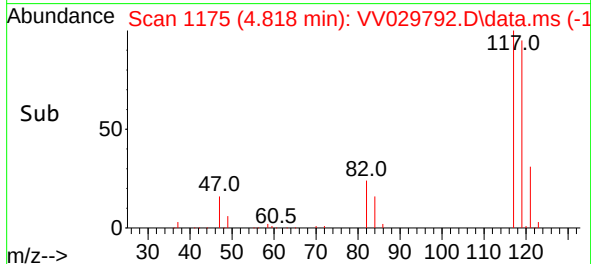
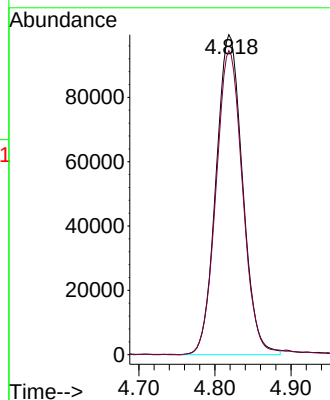
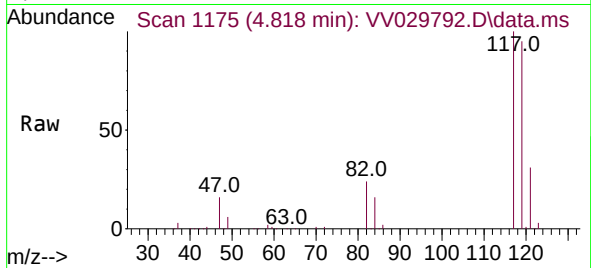




#31
Carbon tetrachloride
Concen: 12.179 ug/L
RT: 4.818 min Scan# 1174
Delta R.T. 0.003 min
Lab File: VV029792.D
Acq: 12 Jan 2023 17:42

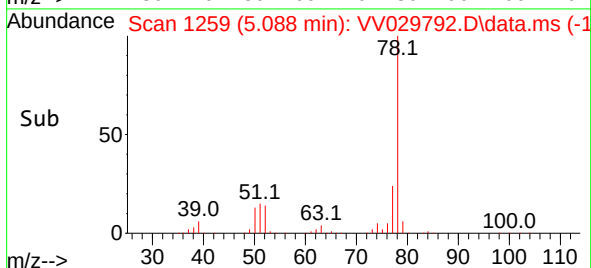
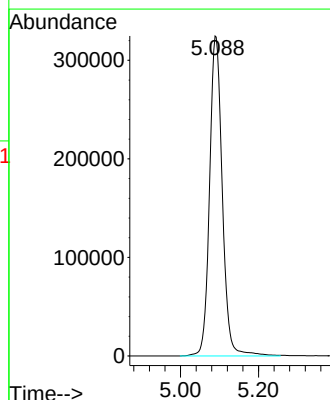
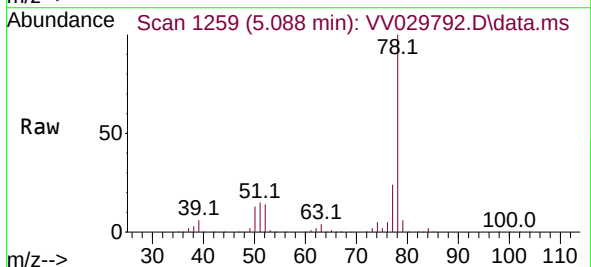
Instrument :
MSVOA_V
ClientSampleId :

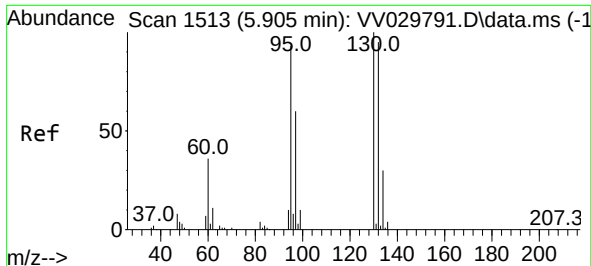
Tgt Ion:117 Resp: 240838
Ion Ratio Lower Upper
117 100
119 96.7 76.6 114.8



#33
Benzene
Concen: 12.118 ug/L
RT: 5.088 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VV029792.D
Acq: 12 Jan 2023 17:42

Tgt Ion: 78 Resp: 736237





#34

Trichloroethene

Concen: 11.921 ug/L

RT: 5.905 min Scan# 1513

Delta R.T. -0.000 min

Lab File: VV029792.D

Acq: 12 Jan 2023 17:42

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 184004

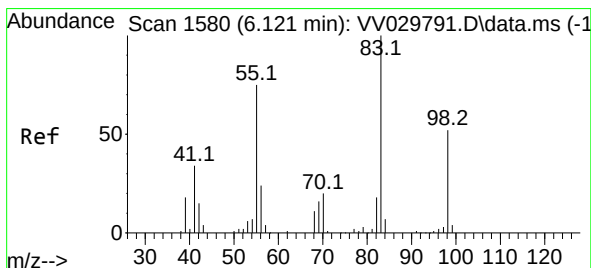
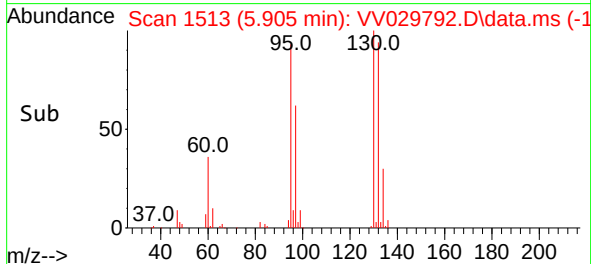
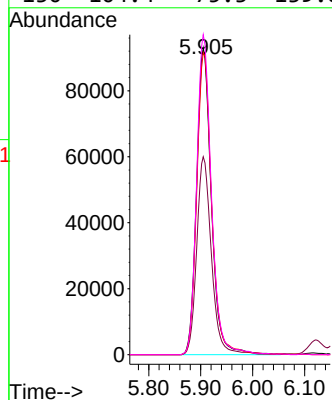
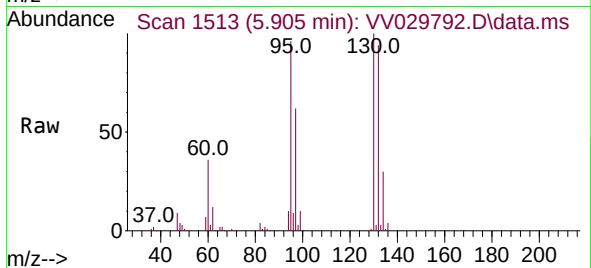
Ion Ratio Lower Upper

95 100

97 64.5 44.9 83.3

132 98.5 71.8 133.4

130 104.4 75.3 139.8



#35

Methylcyclohexane

Concen: 12.448 ug/L

RT: 6.124 min Scan# 1581

Delta R.T. 0.003 min

Lab File: VV029792.D

Acq: 12 Jan 2023 17:42

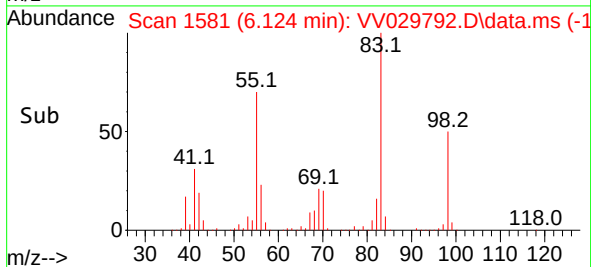
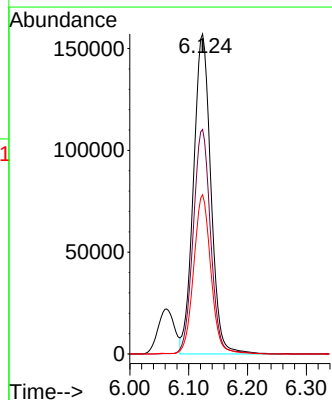
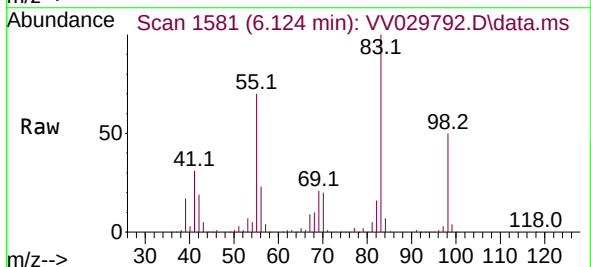
Tgt Ion: 83 Resp: 322825

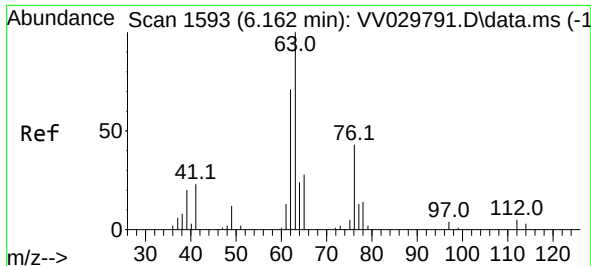
Ion Ratio Lower Upper

83 100

55 70.4 57.3 85.9

98 49.2 39.0 58.6





#37

1,2-Dichloropropane

Concen: 11.786 ug/L

RT: 6.165 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV029792.D

Acq: 12 Jan 2023 17:42

Instrument :

MSVOA_V

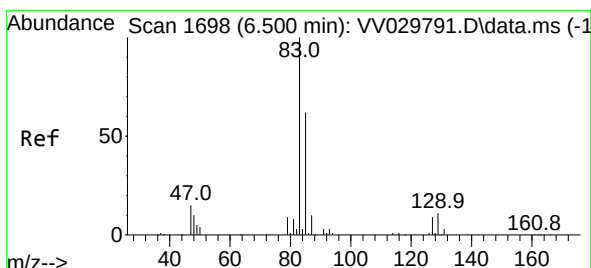
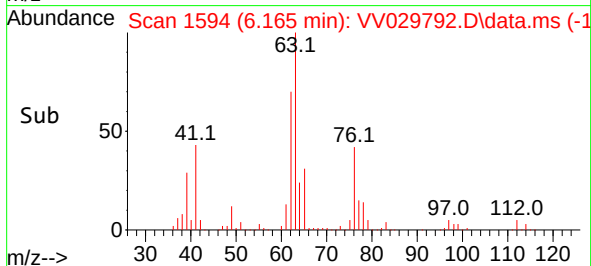
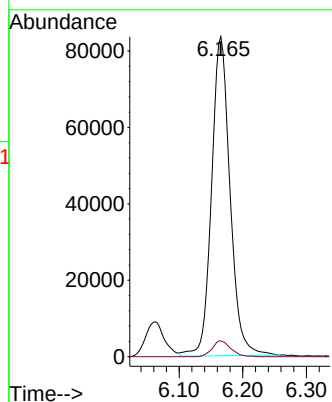
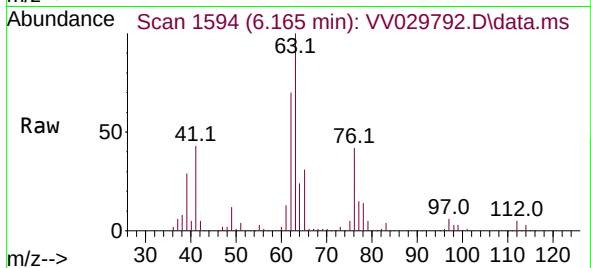
ClientSampleId :

Tgt Ion: 63 Resp: 168586

Ion Ratio Lower Upper

63 100

112 5.0 3.9 5.9



#38

Bromodichloromethane

Concen: 12.443 ug/L

RT: 6.500 min Scan# 1698

Delta R.T. -0.000 min

Lab File: VV029792.D

Acq: 12 Jan 2023 17:42

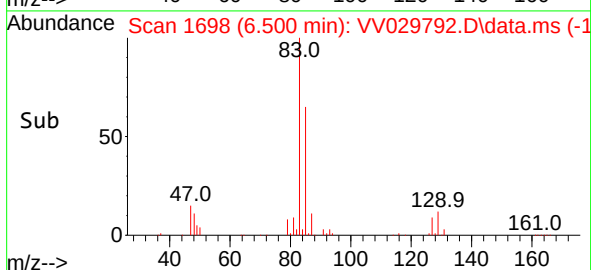
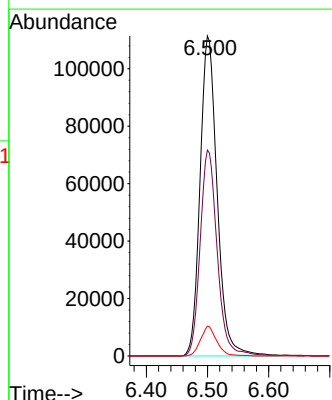
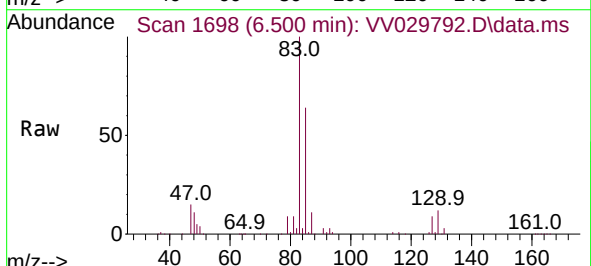
Tgt Ion: 83 Resp: 216529

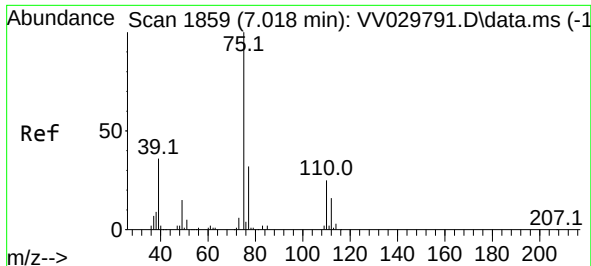
Ion Ratio Lower Upper

83 100

85 64.4 43.2 80.2

127 9.3 7.0 10.6





#39

cis-1,3-Dichloropropene

Concen: 11.694 ug/L

RT: 7.017 min Scan# 1859

Delta R.T. -0.000 min

Lab File: VV029792.D

Acq: 12 Jan 2023 17:42

Instrument :

MSVOA_V

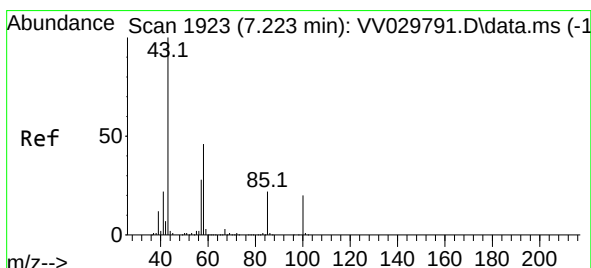
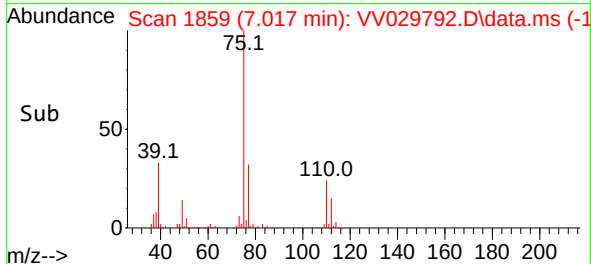
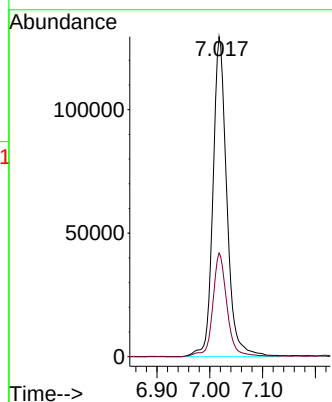
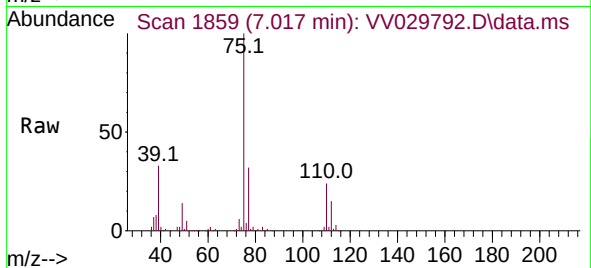
ClientSampleId :

Tgt Ion: 75 Resp: 237481

Ion Ratio Lower Upper

75 100

77 32.4 22.4 41.6



#40

4-Methyl-2-pentanone

Concen: 118.592 ug/L

RT: 7.223 min Scan# 1923

Delta R.T. -0.000 min

Lab File: VV029792.D

Acq: 12 Jan 2023 17:42

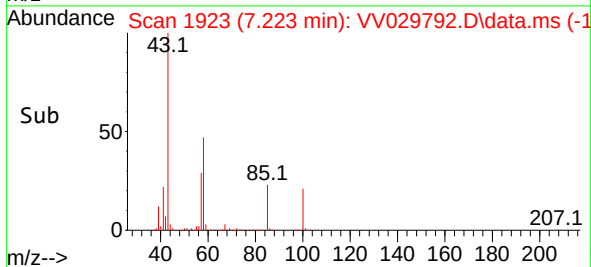
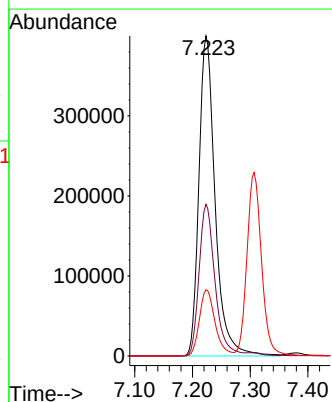
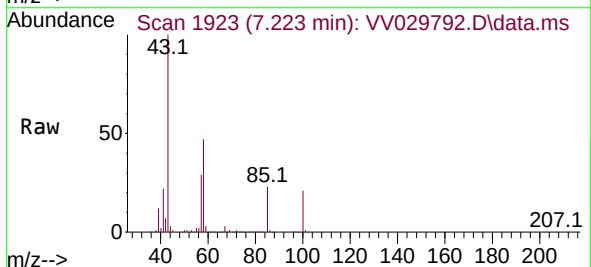
Tgt Ion: 43 Resp: 779788

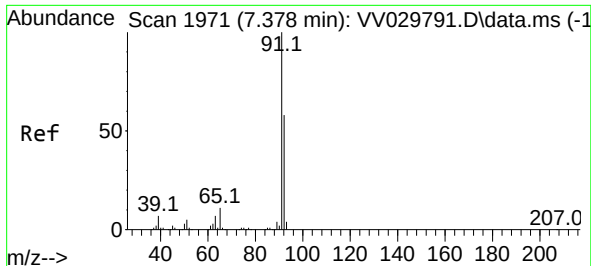
Ion Ratio Lower Upper

43 100

58 46.5 36.7 55.1

100 20.0 15.6 23.4





#42

Toluene

Concen: 12.247 ug/L

RT: 7.378 min Scan# 1971

Delta R.T. -0.000 min

Lab File: VV029792.D

Acq: 12 Jan 2023 17:42

Instrument :

MSVOA_V

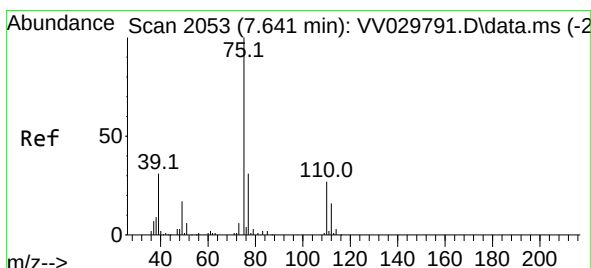
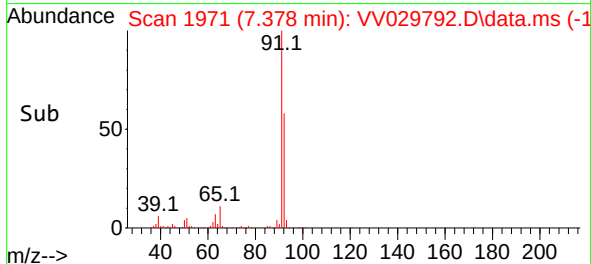
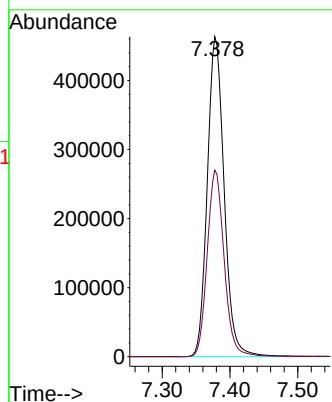
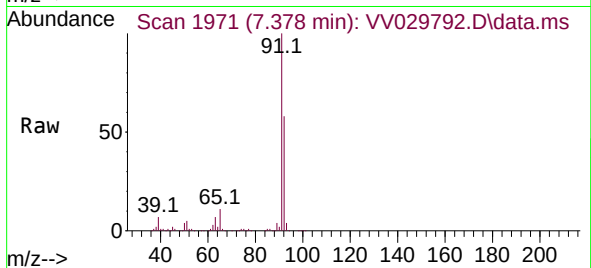
ClientSampleId :

Tgt Ion: 91 Resp: 799827

Ion Ratio Lower Upper

91 100

92 58.3 40.6 75.4



#44

trans-1,3-Dichloropropene

Concen: 11.871 ug/L

RT: 7.641 min Scan# 2053

Delta R.T. -0.000 min

Lab File: VV029792.D

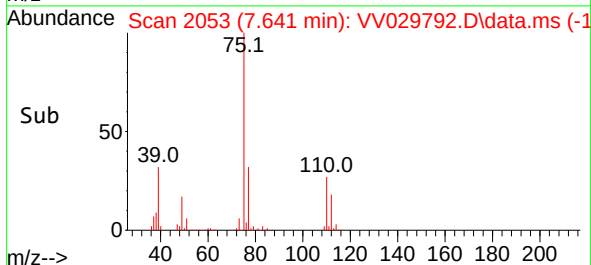
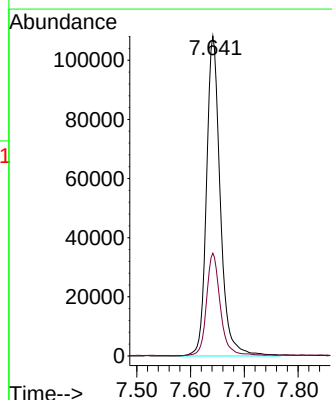
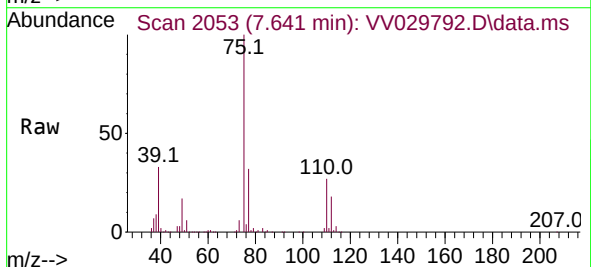
Acq: 12 Jan 2023 17:42

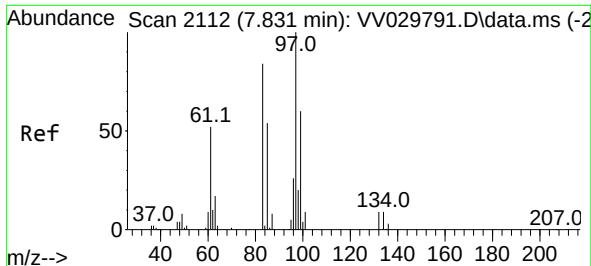
Tgt Ion: 75 Resp: 192853

Ion Ratio Lower Upper

75 100

77 32.1 21.9 40.7





#45

1,1,2-Trichloroethane

Concen: 12.143 ug/L

RT: 7.831 min Scan# 2112

Delta R.T. -0.000 min

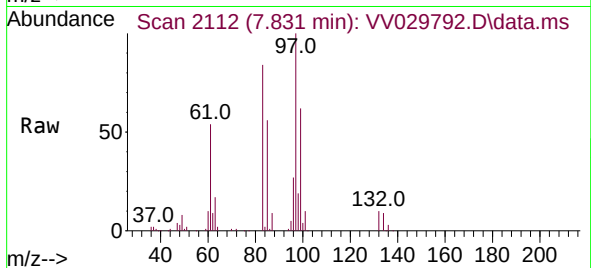
Lab File: VV029792.D

Acq: 12 Jan 2023 17:42

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 97 Resp: 118479

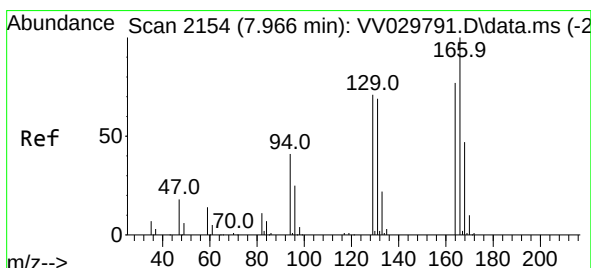
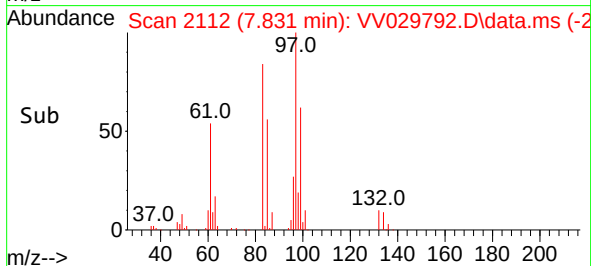
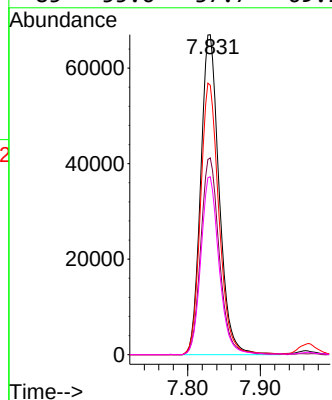
Ion Ratio Lower Upper

97 100

99 61.5 41.9 77.7

83 84.2 58.7 109.1

85 55.6 37.7 69.9



#47

Tetrachloroethene

Concen: 12.095 ug/L

RT: 7.966 min Scan# 2154

Delta R.T. -0.000 min

Lab File: VV029792.D

Acq: 12 Jan 2023 17:42

Tgt Ion:164 Resp: 153998

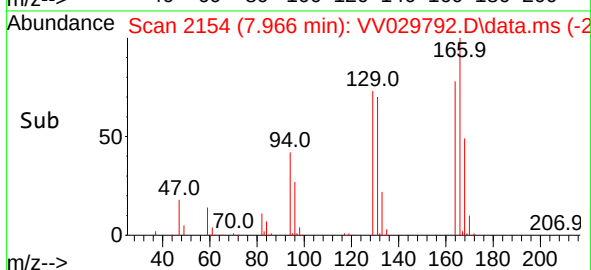
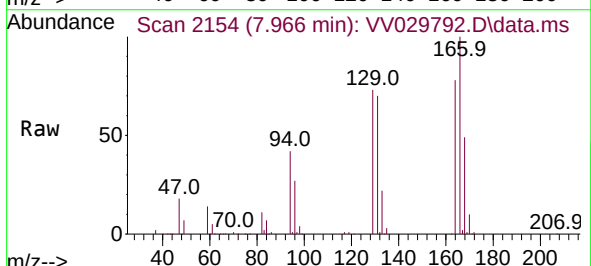
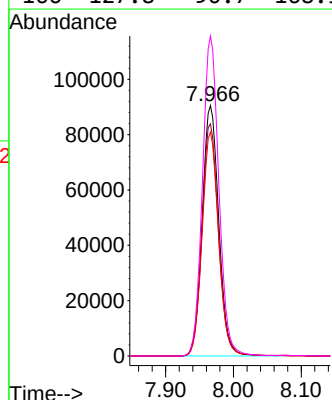
Ion Ratio Lower Upper

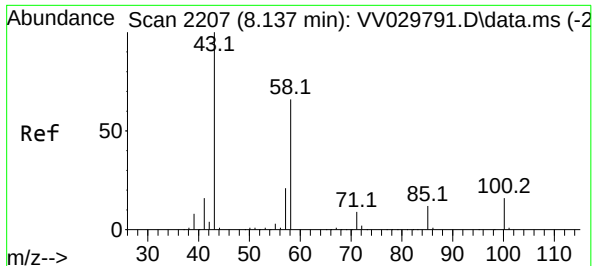
164 100

129 92.7 64.5 119.7

131 89.4 62.9 116.7

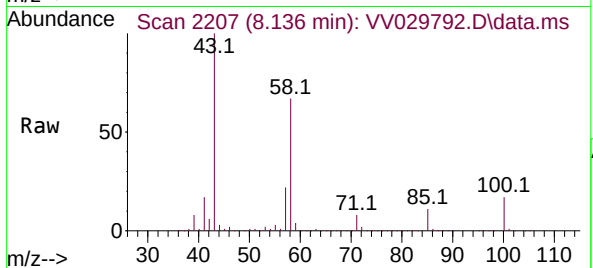
166 127.8 90.7 168.5



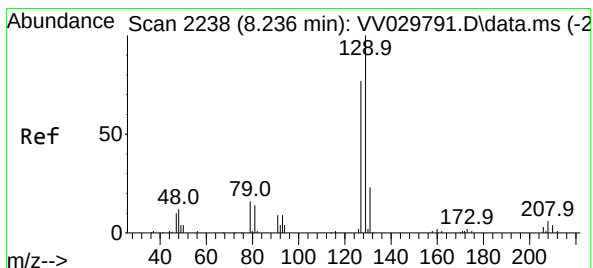
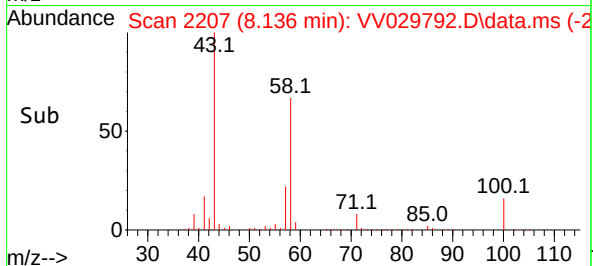
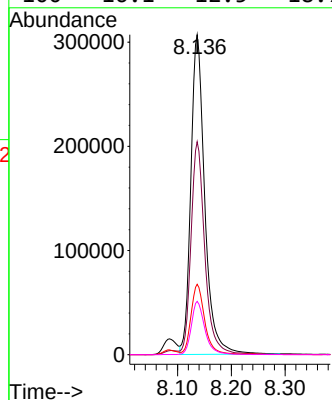


#48
2-Hexanone
Concen: 119.811 ug/L
RT: 8.136 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV029792.D
Acq: 12 Jan 2023 17:42

Instrument :
MSVOA_V
ClientSampleId :

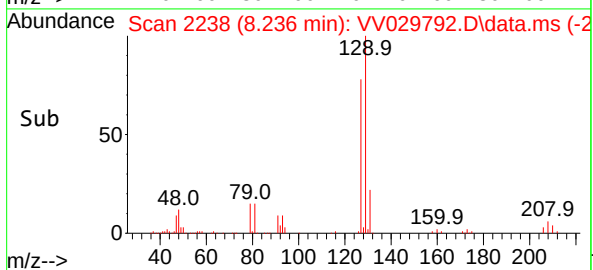
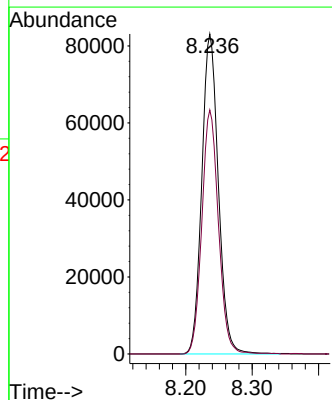
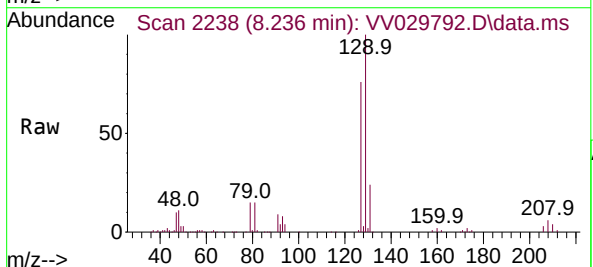


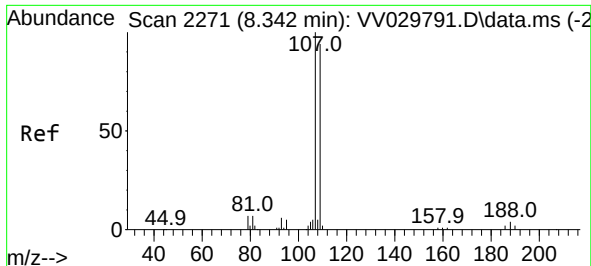
Tgt Ion: 43	Resp: 552359
Ion Ratio	Lower Upper
43 100	
58 65.5	51.4 77.2
57 21.4	17.0 25.6
100 16.1	12.5 18.7



#49
Dibromochloromethane
Concen: 12.986 ug/L
RT: 8.236 min Scan# 2238
Delta R.T. -0.000 min
Lab File: VV029792.D
Acq: 12 Jan 2023 17:42

Tgt Ion:129	Resp: 144107		
Ion Ratio	Lower	Upper	
129 100			
127 76.2	54.1	100.5	





#50

1,2-Dibromoethane

Concen: 12.539 ug/L

RT: 8.342 min Scan# 21

Delta R.T. -0.000 min

Lab File: VV029792.D

Acq: 12 Jan 2023 17:42

Instrument :

MSVOA_V

ClientSampleId :

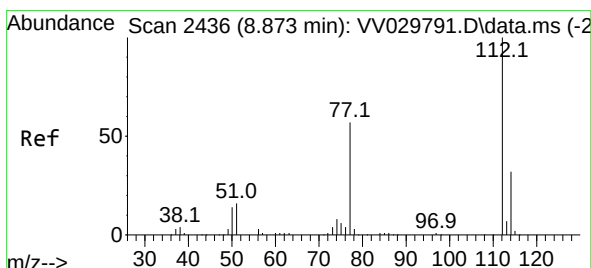
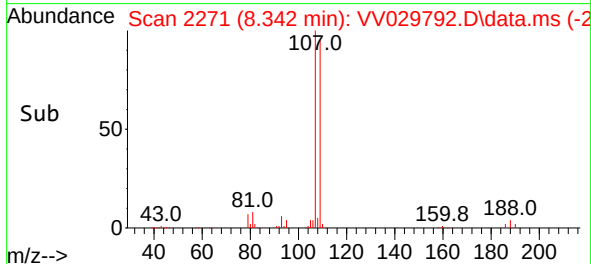
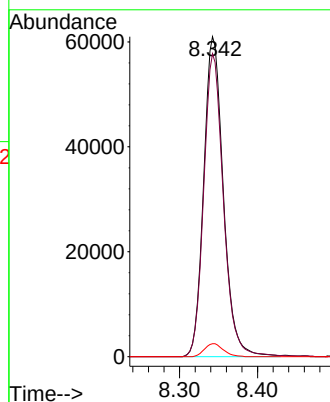
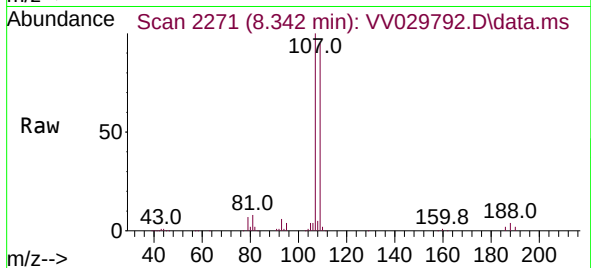
Tgt Ion:107 Resp: 106788

Ion Ratio Lower Upper

107 100

109 94.6 66.1 122.7

188 4.1 2.9 4.3



#51

Chlorobenzene

Concen: 12.164 ug/L

RT: 8.873 min Scan# 2436

Delta R.T. -0.000 min

Lab File: VV029792.D

Acq: 12 Jan 2023 17:42

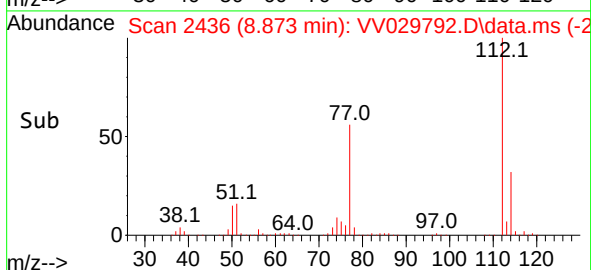
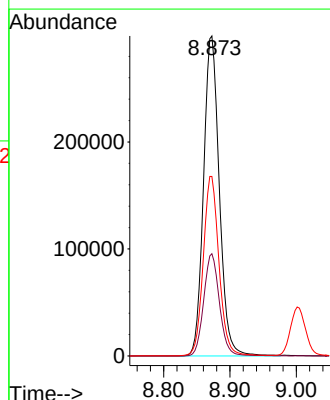
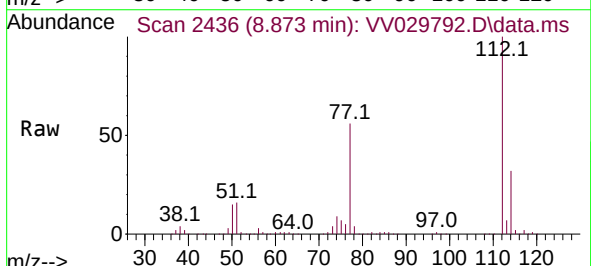
Tgt Ion:112 Resp: 495842

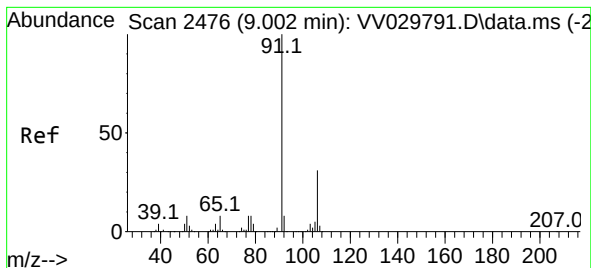
Ion Ratio Lower Upper

112 100

114 31.9 22.5 41.9

77 56.1 46.1 69.1





#52

Ethylbenzene

Concen: 12.456 ug/L

RT: 9.001 min Scan# 2476

Delta R.T. -0.000 min

Lab File: VV029792.D

Acq: 12 Jan 2023 17:42

Instrument :

MSVOA_V

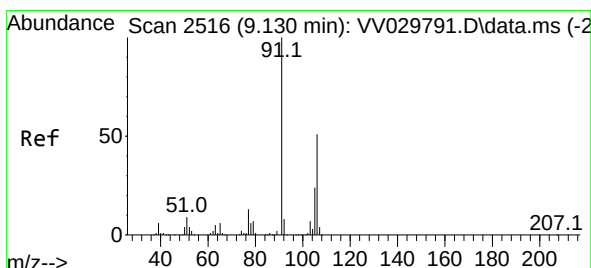
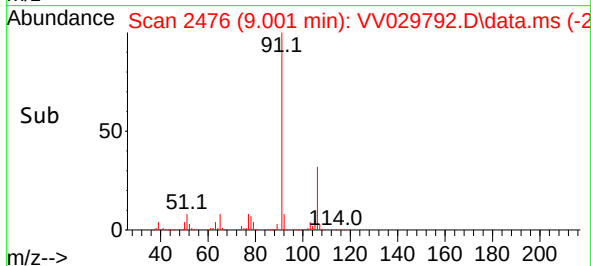
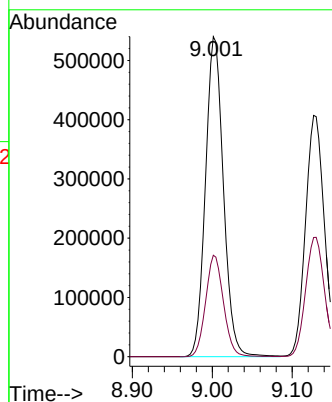
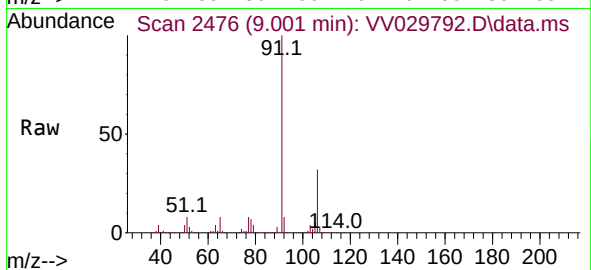
ClientSampleId :

Tgt Ion: 91 Resp: 844675

Ion Ratio Lower Upper

91 100

106 31.7 21.9 40.7



#53

m,p-Xylene

Concen: 12.467 ug/L

RT: 9.130 min Scan# 2516

Delta R.T. -0.000 min

Lab File: VV029792.D

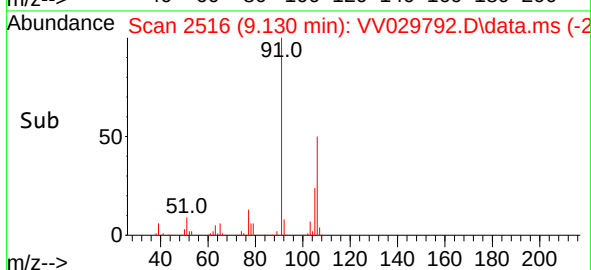
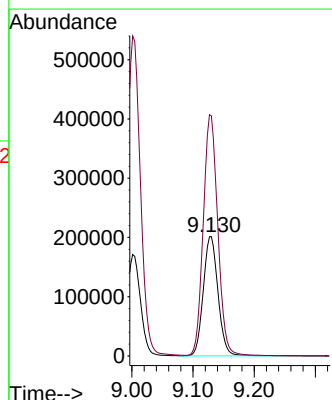
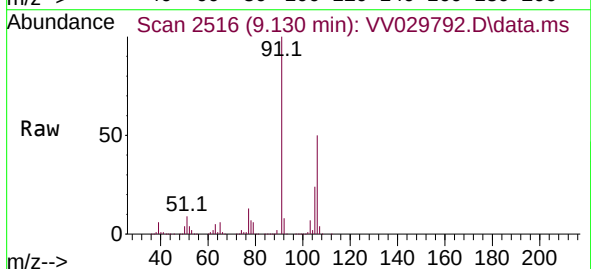
Acq: 12 Jan 2023 17:42

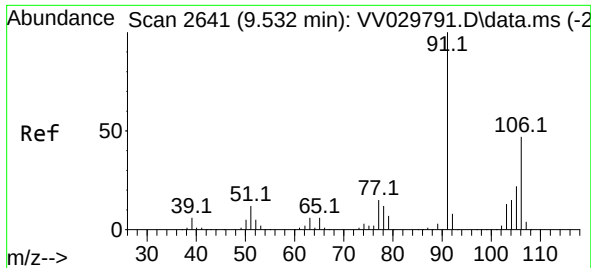
Tgt Ion:106 Resp: 335504

Ion Ratio Lower Upper

106 100

91 201.1 138.7 257.7

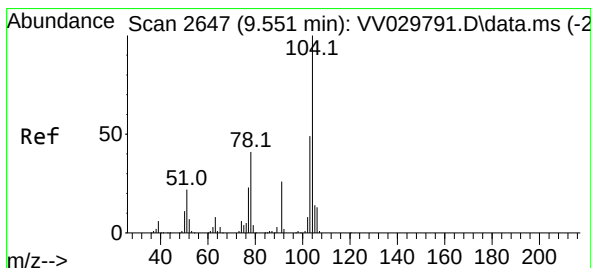
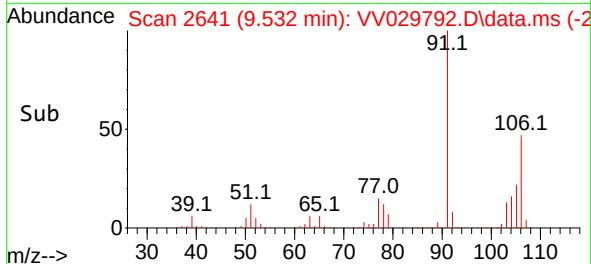
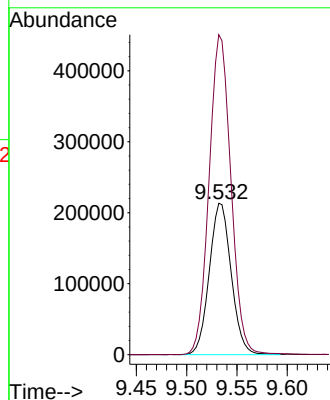
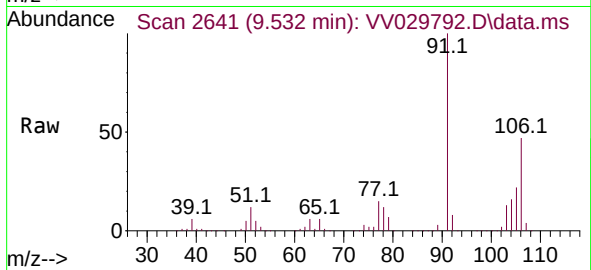




#54
o-Xylene
Concen: 12.410 ug/L
RT: 9.532 min Scan# 2641
Delta R.T. -0.000 min
Lab File: VV029792.D
Acq: 12 Jan 2023 17:42

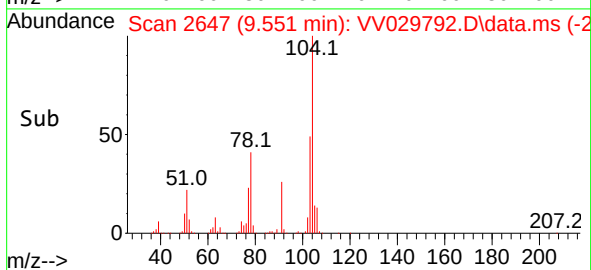
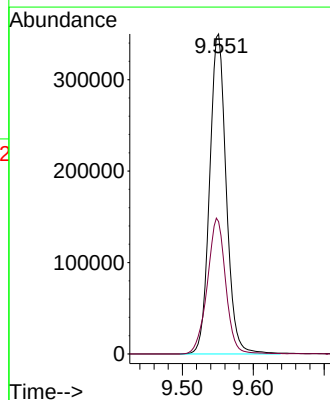
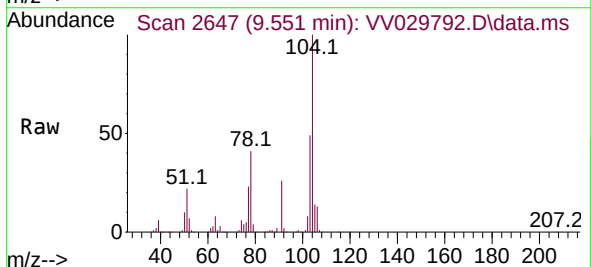
Instrument :
MSVOA_V
ClientSampleId :

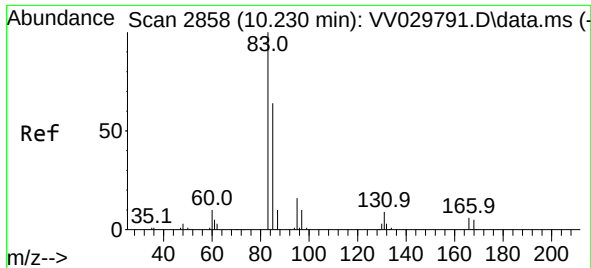
Tgt Ion:106 Resp: 323469
Ion Ratio Lower Upper
106 100
91 211.5 147.7 274.3



#55
Styrene
Concen: 12.827 ug/L
RT: 9.551 min Scan# 2647
Delta R.T. -0.000 min
Lab File: VV029792.D
Acq: 12 Jan 2023 17:42

Tgt Ion:104 Resp: 570054
Ion Ratio Lower Upper
104 100
78 41.4 28.6 53.2





#57

1,1,2,2-Tetrachloroethane

Concen: 13.455 ug/L

RT: 10.230 min Scan# 21

Delta R.T. -0.000 min

Lab File: VV029792.D

Acq: 12 Jan 2023 17:42

Instrument :

MSVOA_V

ClientSampleId :

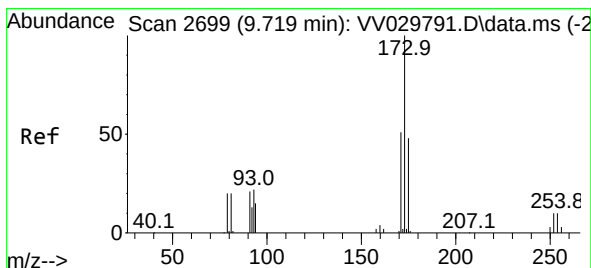
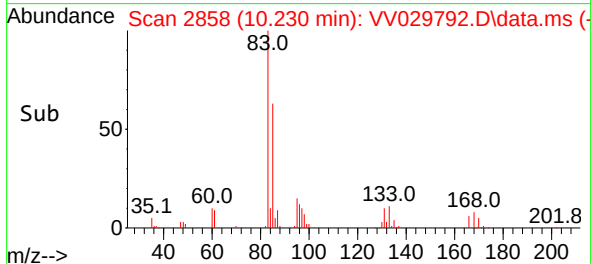
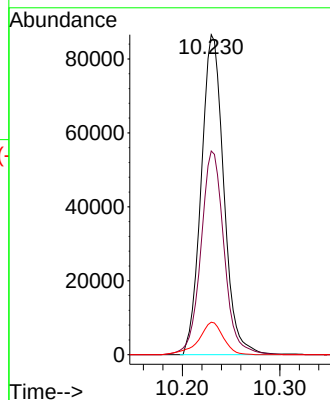
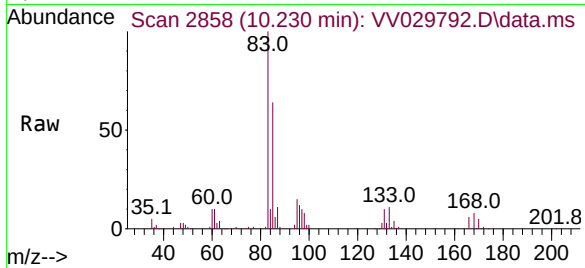
Tgt Ion: 83 Resp: 138848

Ion Ratio Lower Upper

83 100

85 63.7 46.0 85.4

131 10.2 8.4 12.6



#59

Bromoform

Concen: 12.565 ug/L

RT: 9.722 min Scan# 2700

Delta R.T. 0.003 min

Lab File: VV029792.D

Acq: 12 Jan 2023 17:42

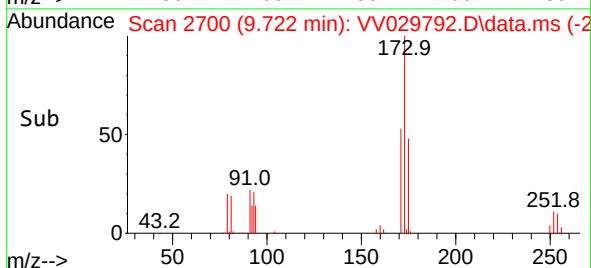
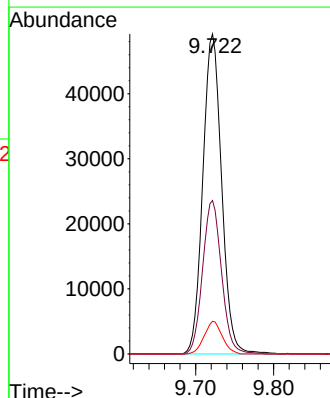
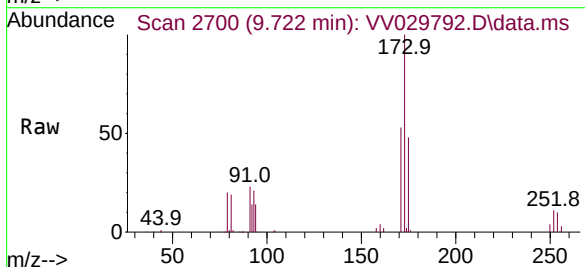
Tgt Ion: 173 Resp: 82452

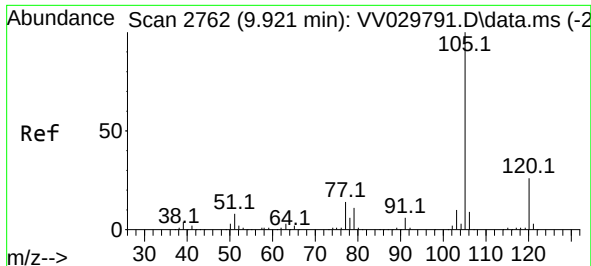
Ion Ratio Lower Upper

173 100

175 48.2 38.6 57.8

254 9.8 7.9 11.9

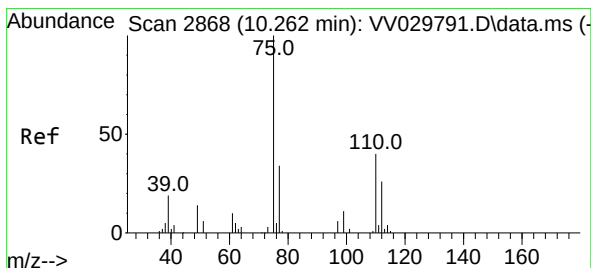
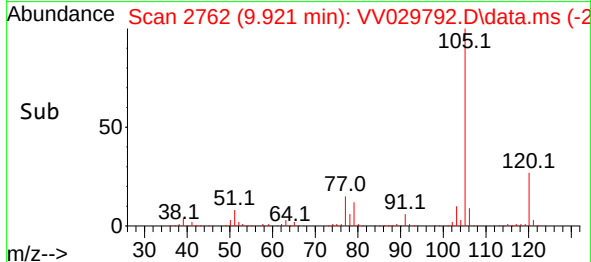
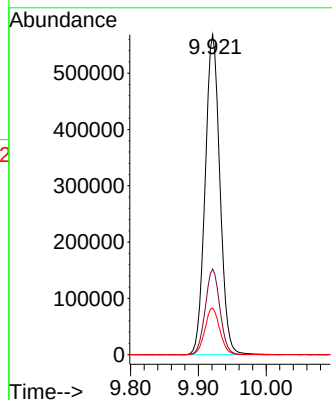
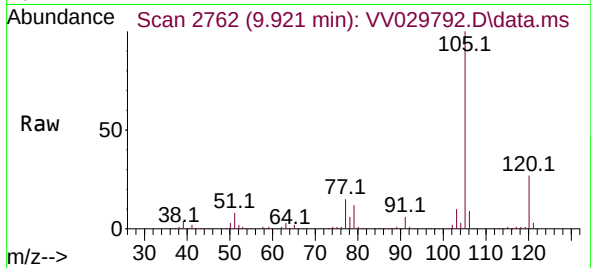




#60
Isopropylbenzene
Concen: 11.183 ug/L
RT: 9.921 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV029792.D
Acq: 12 Jan 2023 17:42

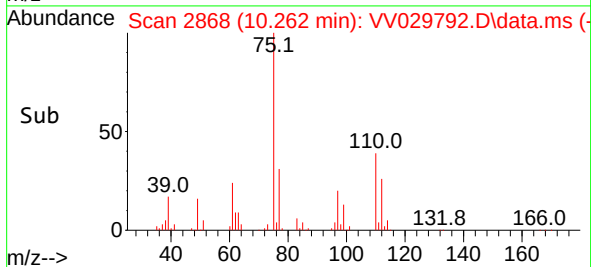
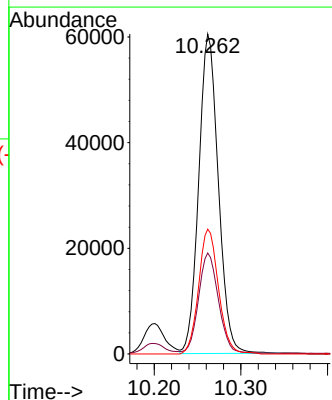
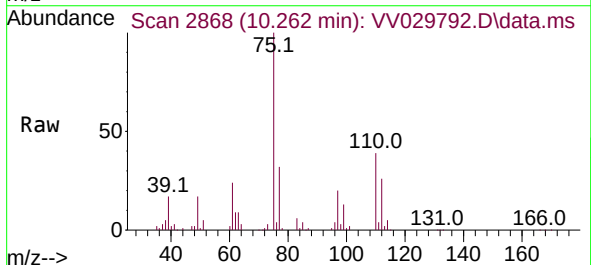
Instrument :
MSVOA_V
ClientSampleId :

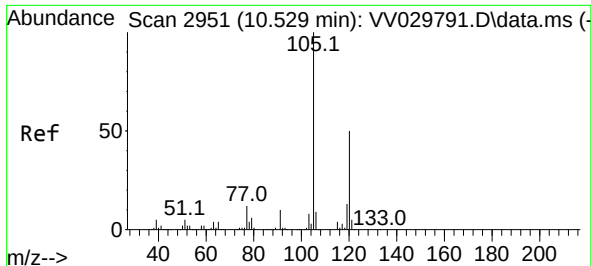
Tgt Ion:105 Resp: 858994
Ion Ratio Lower Upper
105 100
120 26.6 21.2 31.8
77 14.7 11.8 17.8



#61
1,2,3-Trichloropropane
Concen: 11.363 ug/L
RT: 10.262 min Scan# 2868
Delta R.T. -0.000 min
Lab File: VV029792.D
Acq: 12 Jan 2023 17:42

Tgt Ion: 75 Resp: 94907
Ion Ratio Lower Upper
75 100
77 31.8 26.5 39.7
110 39.7 31.8 47.8





#62

1,3,5-Trimethylbenzene

Concen: 11.277 ug/L

RT: 10.529 min Scan# 2951

Delta R.T. -0.000 min

Lab File: VV029792.D

Acq: 12 Jan 2023 17:42

Instrument :

MSVOA_V

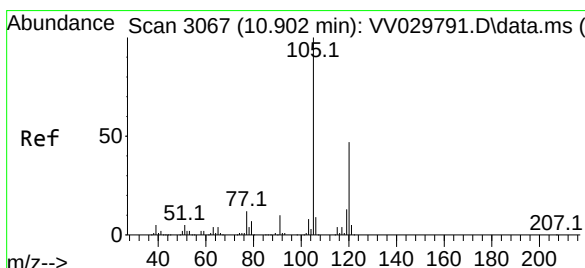
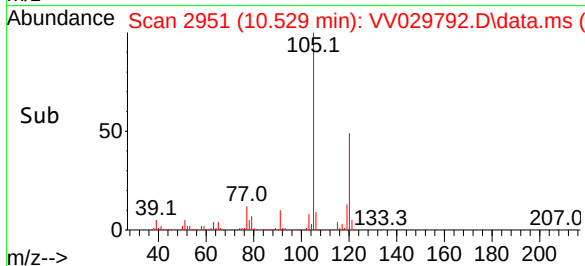
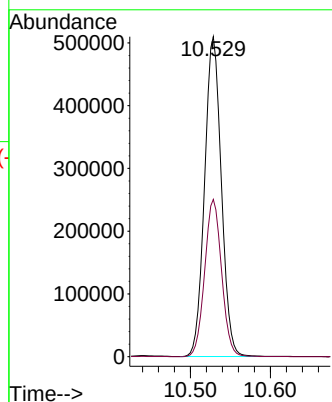
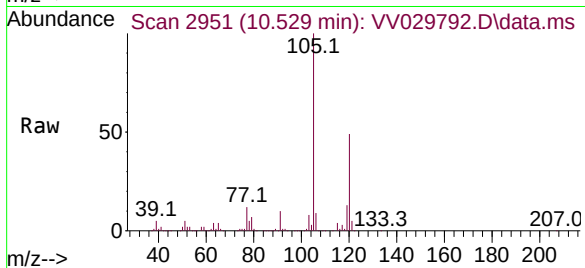
ClientSampleId :

Tgt Ion:105 Resp: 743931

Ion Ratio Lower Upper

105 100

120 49.6 40.1 60.1



#63

1,2,4-Trimethylbenzene

Concen: 11.401 ug/L

RT: 10.905 min Scan# 3068

Delta R.T. 0.003 min

Lab File: VV029792.D

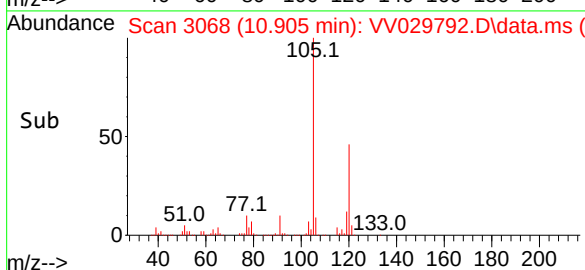
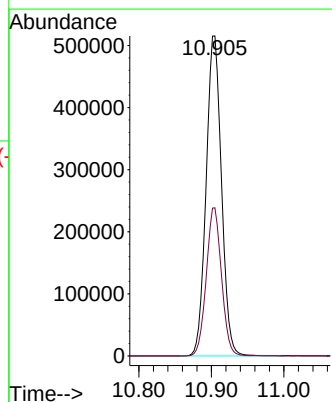
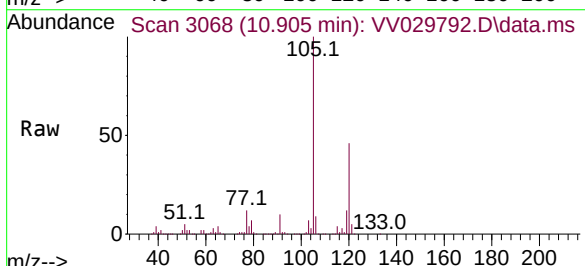
Acq: 12 Jan 2023 17:42

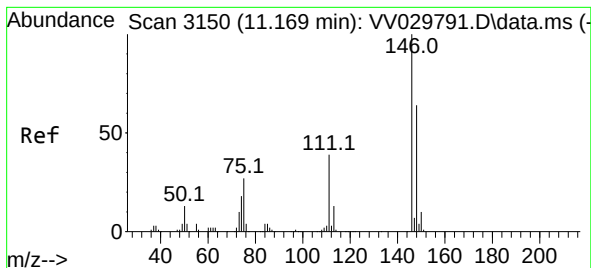
Tgt Ion:105 Resp: 758413

Ion Ratio Lower Upper

105 100

120 46.0 37.4 56.0





#64

1,3-Dichlorobenzene

Concen: 11.581 ug/L

RT: 11.168 min Scan# 3150

Delta R.T. -0.000 min

Lab File: VV029792.D

Acq: 12 Jan 2023 17:42

Instrument :

MSVOA_V

ClientSampleId :

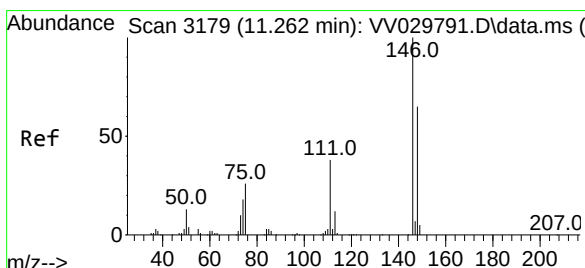
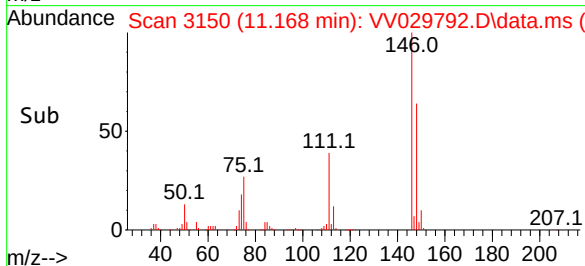
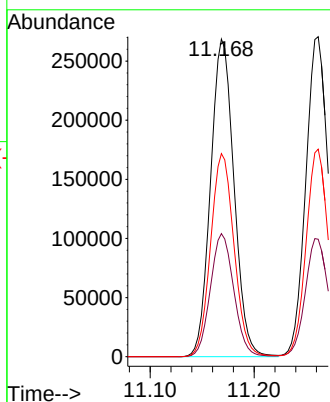
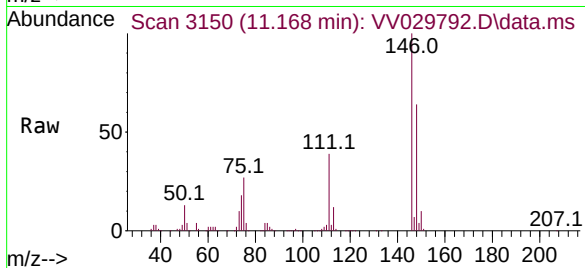
Tgt Ion:146 Resp: 420754

Ion Ratio Lower Upper

146 100

111 38.7 27.2 50.6

148 63.9 44.9 83.5



#65

1,4-Dichlorobenzene

Concen: 11.603 ug/L

RT: 11.262 min Scan# 3179

Delta R.T. -0.000 min

Lab File: VV029792.D

Acq: 12 Jan 2023 17:42

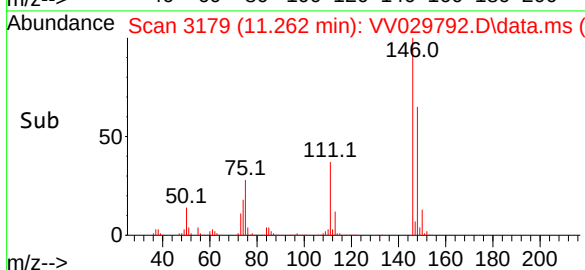
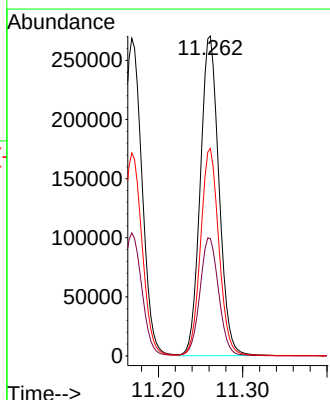
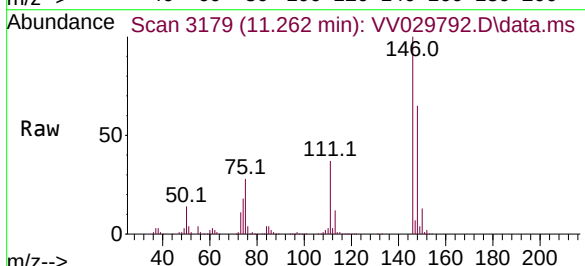
Tgt Ion:146 Resp: 417573

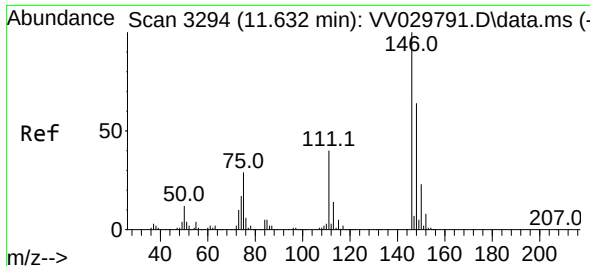
Ion Ratio Lower Upper

146 100

111 36.7 26.5 49.1

148 64.9 45.8 85.2

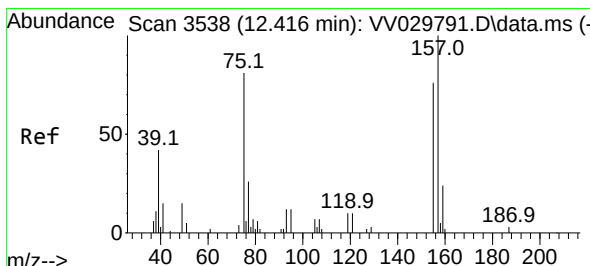
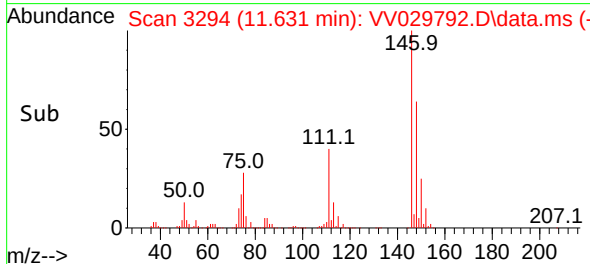
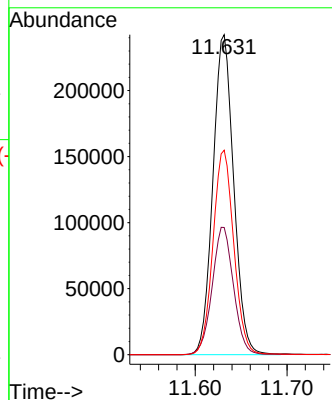
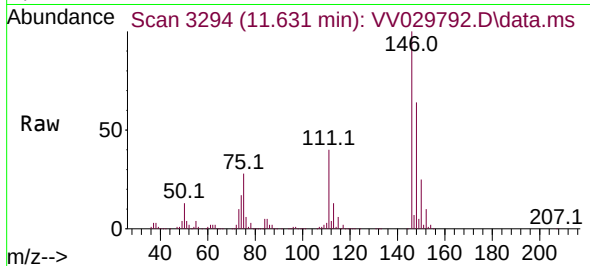




#67
1,2-Dichlorobenzene
Concen: 11.431 ug/L
RT: 11.631 min Scan# 31
Delta R.T. -0.000 min
Lab File: VV029792.D
Acq: 12 Jan 2023 17:42

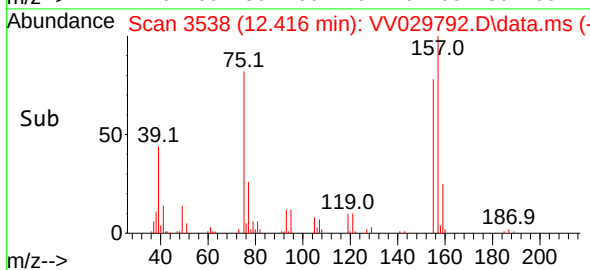
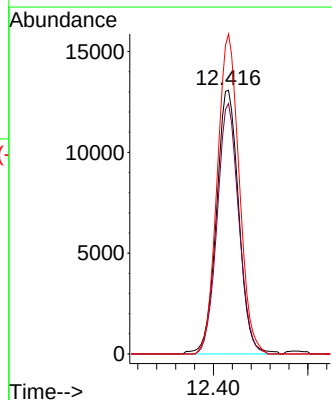
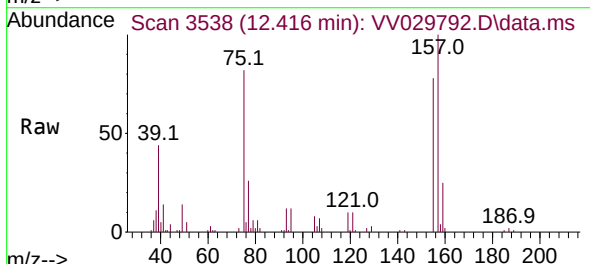
Instrument :
MSVOA_V
ClientSampleId :

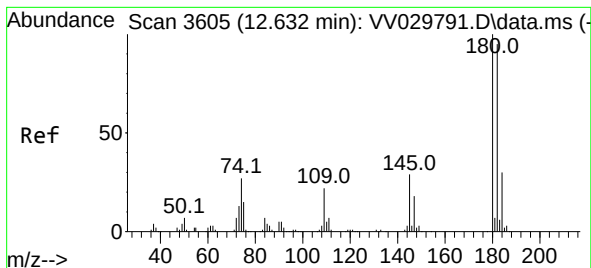
Tgt Ion:146 Resp: 381794
Ion Ratio Lower Upper
146 100
111 39.8 31.8 47.8
148 63.9 51.4 77.0



#68
1,2-Dibromo-3-chloropropane
Concen: 12.689 ug/L
RT: 12.416 min Scan# 3538
Delta R.T. -0.000 min
Lab File: VV029792.D
Acq: 12 Jan 2023 17:42

Tgt Ion: 75 Resp: 21439
Ion Ratio Lower Upper
75 100
155 95.0 75.5 113.3
157 121.4 99.2 148.8





#69

1,3,5-Trichlorobenzene

Concen: 11.568 ug/L

RT: 12.631 min Scan# 3605

Delta R.T. -0.000 min

Lab File: VV029792.D

Acq: 12 Jan 2023 17:42

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:180 Resp: 344973

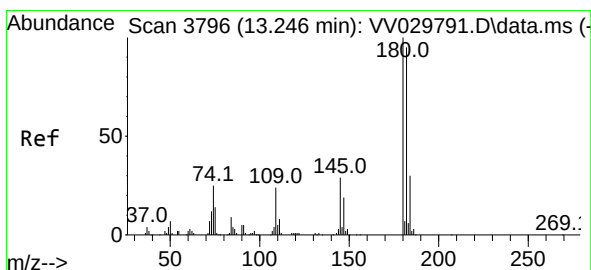
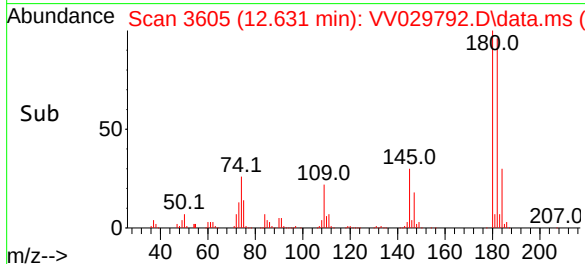
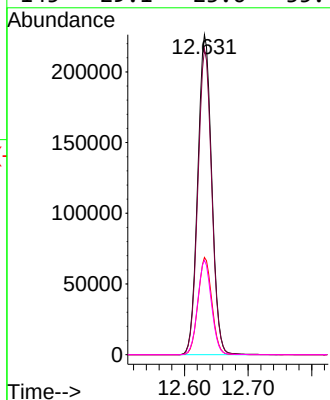
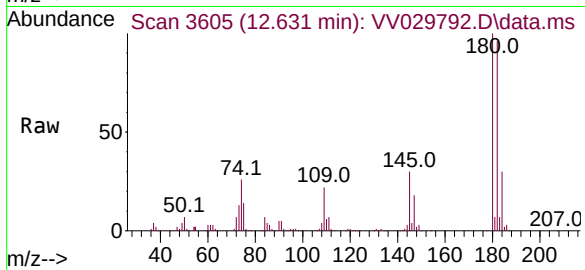
Ion Ratio Lower Upper

180 100

182 94.7 75.4 113.2

184 30.0 23.9 35.9

145 29.1 23.6 35.4



#70

1,2,4-trichlorobenzene

Concen: 11.418 ug/L

RT: 13.249 min Scan# 3797

Delta R.T. 0.003 min

Lab File: VV029792.D

Acq: 12 Jan 2023 17:42

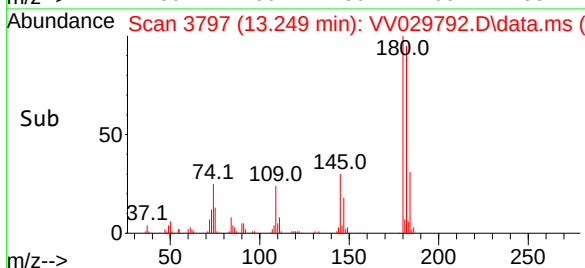
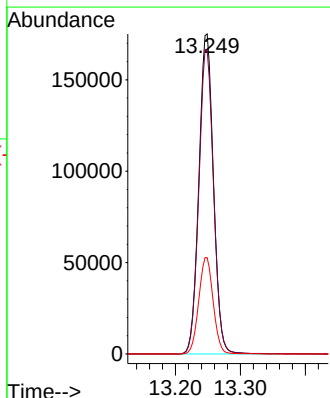
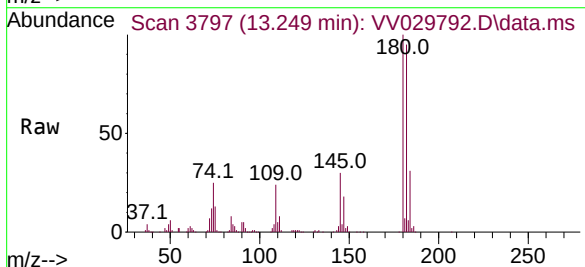
Tgt Ion:180 Resp: 273732

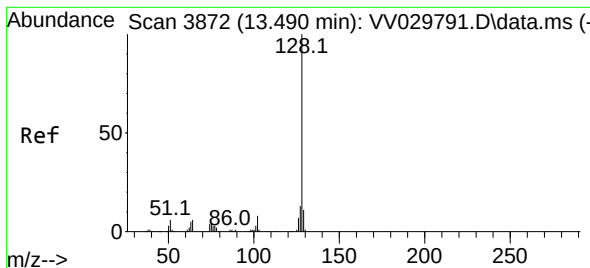
Ion Ratio Lower Upper

180 100

182 95.9 75.8 113.8

145 29.8 23.7 35.5





#71

Naphthalene

Concen: 16.294 ug/L

RT: 13.490 min Scan# 3872

Delta R.T. -0.000 min

Lab File: VV029792.D

Acq: 12 Jan 2023 17:42

Instrument :

MSVOA_V

ClientSampleId :

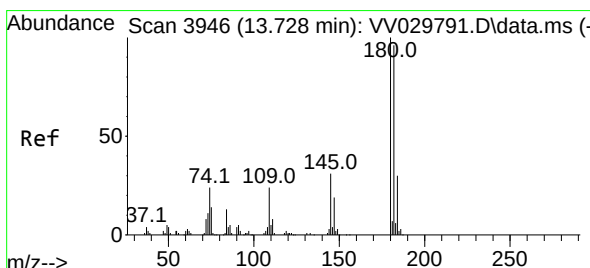
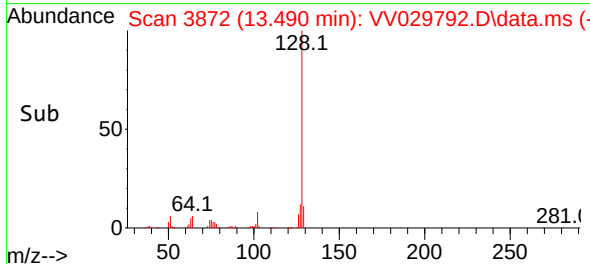
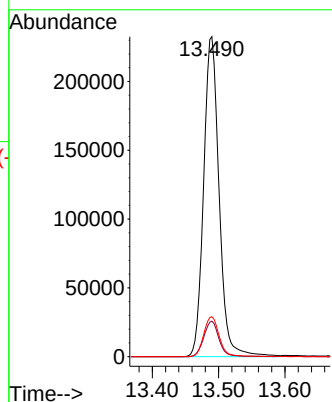
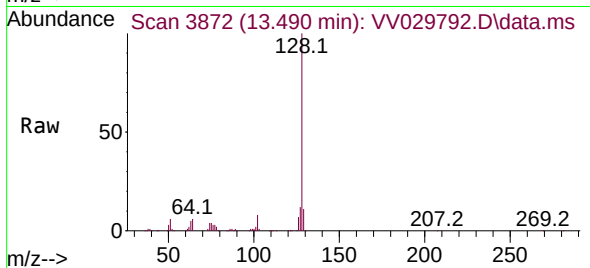
Tgt Ion:128 Resp: 377157

Ion Ratio Lower Upper

128 100

129 10.8 8.6 12.8

127 12.6 10.0 15.0



#72

1,2,3-Trichlorobenzene

Concen: 11.810 ug/L

RT: 13.728 min Scan# 3946

Delta R.T. -0.000 min

Lab File: VV029792.D

Acq: 12 Jan 2023 17:42

Tgt Ion:180 Resp: 231290

Ion Ratio Lower Upper

180 100

182 95.4 75.5 113.3

145 31.4 25.0 37.6

