

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV031523\
 Data File : VV030210.D
 Acq On : 15 Mar 2023 14:35
 Operator : SY/MD
 Sample : 01884-08
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 CB916

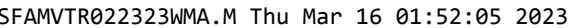
Quant Time: Mar 16 01:51:56 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR022323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Mar 16 01:47:11 2023
 Response via : Initial Calibration

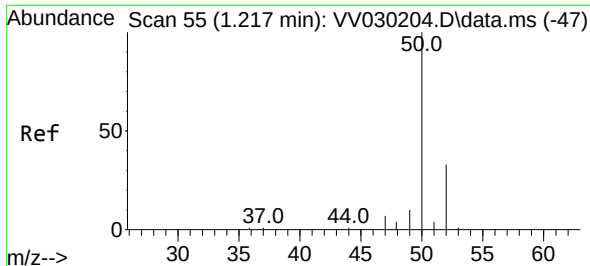
Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	5.561	114	137139	5.000	ug/L	0.02
28) Chlorobenzene-d5	8.799	117	137781	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.197	152	79415	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	47154	5.314	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	106.200%
7) Chloroethane-d5	1.532	69	42256	5.073	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.400%
11) 1,1-Dichloroethene-d2	2.060	63	71527	3.921	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.400%
20) 2-Butanone-d5	3.976	46	43767	26.752	ug/L	0.15
Spiked Amount	50.000	Range	40 - 130	Recovery	=	53.500%
24) Chloroform-d	4.291	84	93934	5.182	ug/L	0.03
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.600%
26) 1,2-Dichloroethane-d4	4.982	65	39332	5.315	ug/L	0.03
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.400%
32) Benzene-d6	4.989	84	176469	4.760	ug/L	0.02
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.200%
36) 1,2-Dichloropropane-d6	6.018	67	48808	4.376	ug/L	0.02
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.600%
41) Toluene-d8	7.262	98	132875	3.781	ug/L	0.01
Spiked Amount	5.000	Range	70 - 130	Recovery	=	75.600%
43) trans-1,3-Dichloroprop...	7.571	79	14688	3.849	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.000%
46) 2-Hexanone-d5	8.059	63	52105	33.005	ug/L	0.03
Spiked Amount	50.000	Range	45 - 130	Recovery	=	66.020%
56) 1,1,2,2-Tetrachloroeth...	10.165	84	38686	4.876	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.600%
66) 1,2-Dichlorobenzene-d4	11.570	152	62828	4.676	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.600%
Target Compounds						
					Qvalue	
3) Chloromethane	1.214	50	2663	0.151	ug/L	100
22) cis-1,2-Dichloroethene	3.851	96	1639	0.169	ug/L	92
33) Benzene	5.043	78	33670	0.895	ug/L	100
34) Trichloroethene	5.561	95	3115	0.295	ug/L #	3
35) Methylcyclohexane	6.018	83	12644	0.792	ug/L #	20
37) 1,2-Dichloropropane	6.018	63	5104	0.533	ug/L #	89
39) cis-1,3-Dichloropropene	6.934	75	919	0.066	ug/L #	27
51) Chlorobenzene	8.825	112	843981	30.706	ug/L	99
61) 1,2,3-Trichloropropane	11.217	75	34586	6.507	ug/L #	47
64) 1,3-Dichlorobenzene	11.130	146	5191	0.218	ug/L	97
65) 1,4-Dichlorobenzene	11.220	146	98012	4.083	ug/L	96
67) 1,2-Dichlorobenzene	11.590	146	15437	0.735	ug/L	97

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

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QLast Update : Thu Mar 16 01:47:11 2023
Response via : Initial Calibration

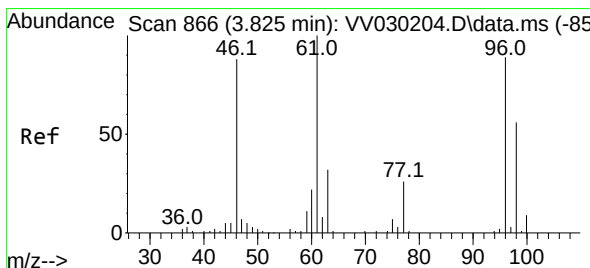
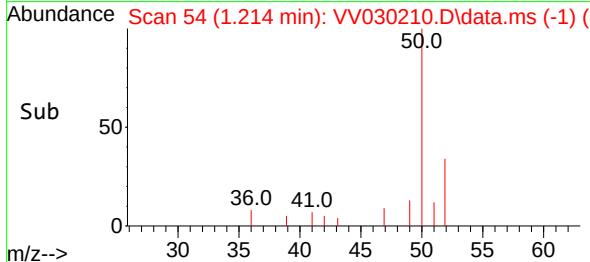
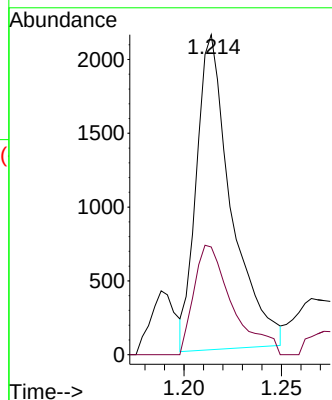
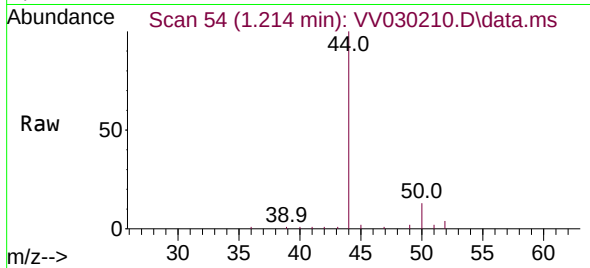




#3
Chloromethane
Concen: 0.151 ug/L
RT: 1.214 min Scan# 54
Delta R.T. -0.003 min
Lab File: VV030210.D
Acq: 15 Mar 2023 14:35

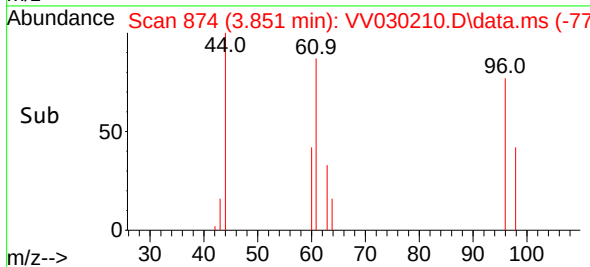
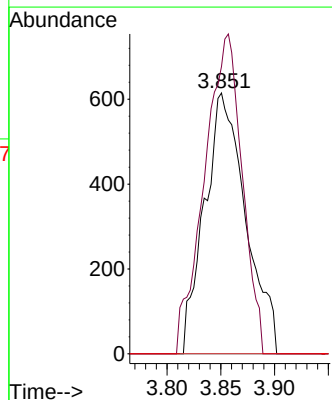
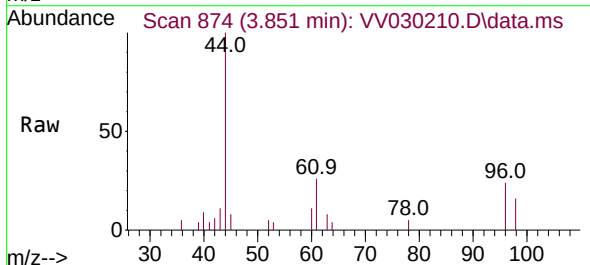
Instrument :
MSVOA_V
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CB916

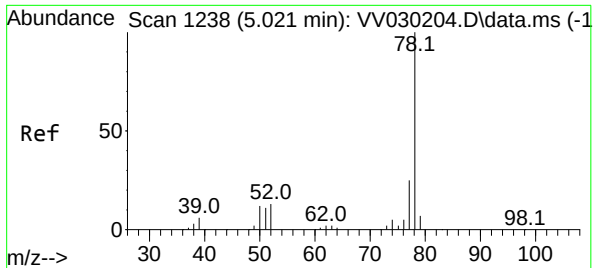
Tgt Ion: 50 Resp: 2663
Ion Ratio Lower Upper
50 100
52 33.7 23.6 43.8



#22
cis-1,2-Dichloroethene
Concen: 0.169 ug/L
RT: 3.851 min Scan# 874
Delta R.T. 0.026 min
Lab File: VV030210.D
Acq: 15 Mar 2023 14:35

Tgt Ion: 96 Resp: 1639
Ion Ratio Lower Upper
96 100
61 110.1 83.4 154.8
68 0.0 0.0 0.0

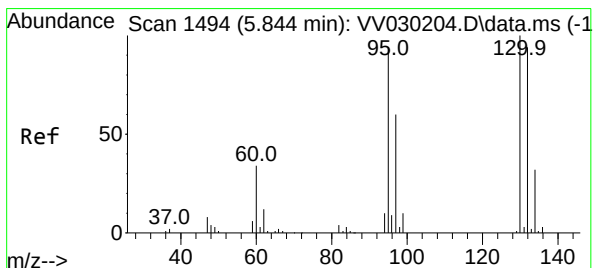
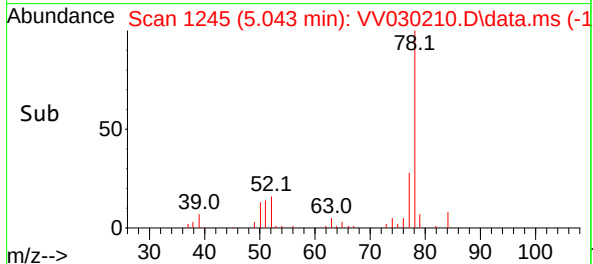
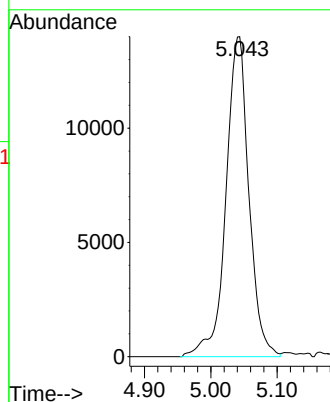
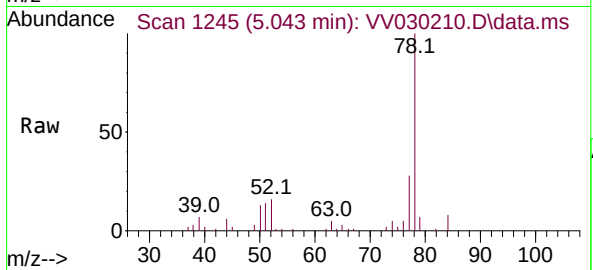




#33
Benzene
Concen: 0.895 ug/L
RT: 5.043 min Scan# 11
Delta R.T. 0.022 min
Lab File: VV030210.D
Acq: 15 Mar 2023 14:35

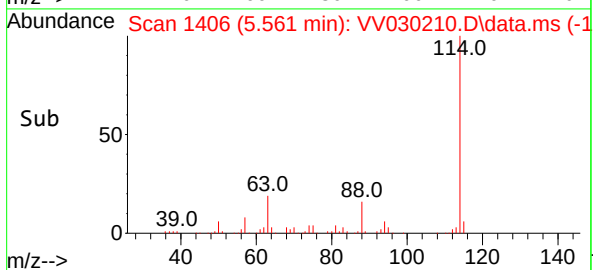
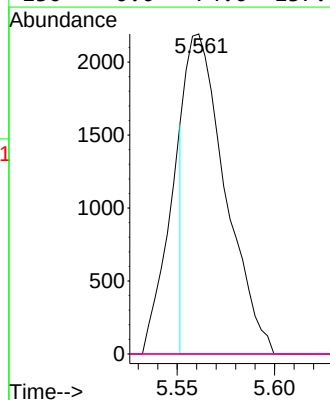
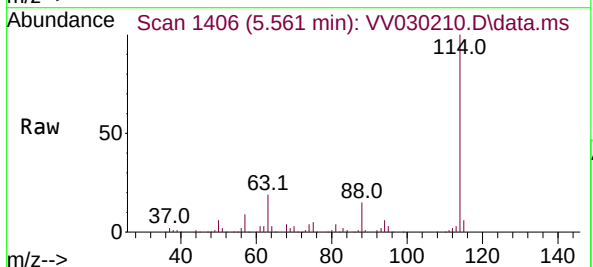
Instrument :
MSVOA_V
ClientSampleId :
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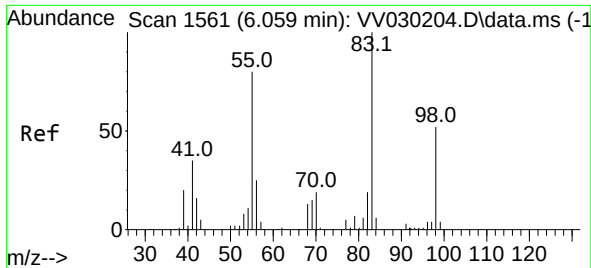
Tgt Ion: 78 Resp: 33670



#34
Trichloroethene
Concen: 0.295 ug/L
RT: 5.561 min Scan# 1406
Delta R.T. -0.283 min
Lab File: VV030210.D
Acq: 15 Mar 2023 14:35

Tgt Ion: 95 Resp: 3115
Ion Ratio Lower Upper
95 100
97 0.0 46.5 86.5#
132 0.0 71.7 133.3#
130 0.0 74.0 137.4#

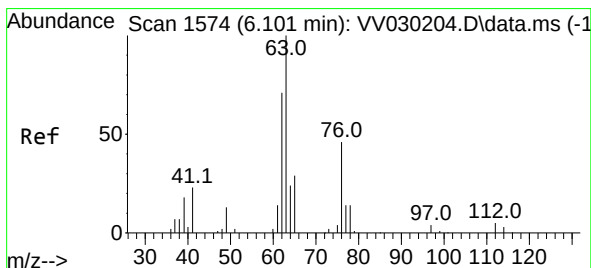
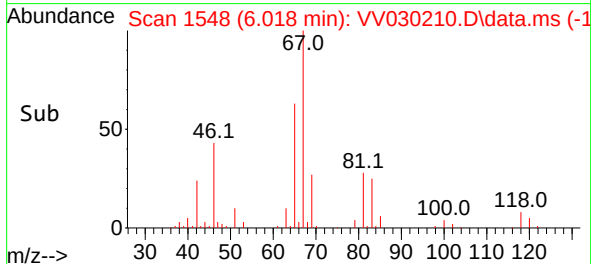
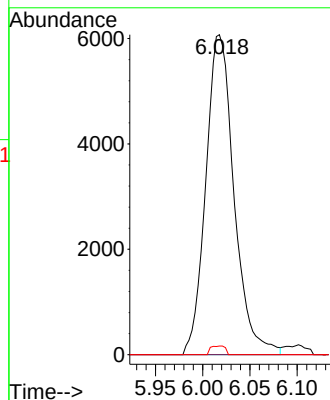
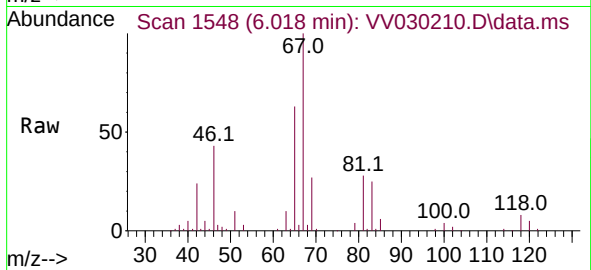




#35
Methylcyclohexane
Concen: 0.792 ug/L
RT: 6.018 min Scan# 1548
Delta R.T. -0.042 min
Lab File: VV030210.D
Acq: 15 Mar 2023 14:35

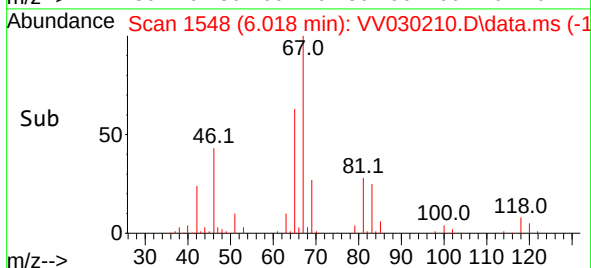
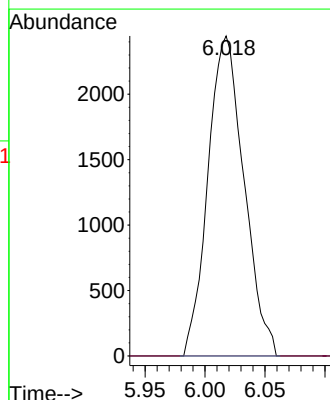
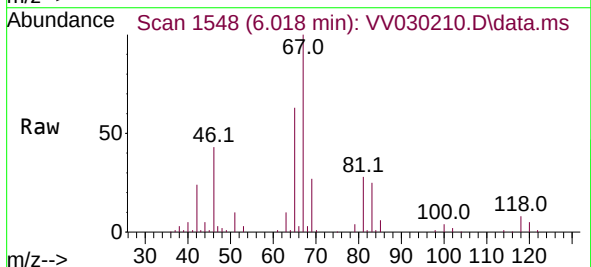
Instrument :
MSVOA_V
ClientSampleId :
CB916

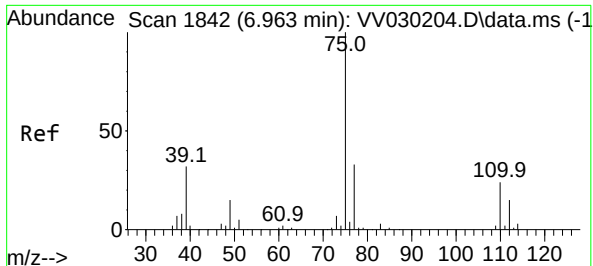
Tgt Ion: 83 Resp: 12644
Ion Ratio Lower Upper
83 100
55 0.0 57.6 86.4#
98 1.4 38.8 58.2#



#37
1,2-Dichloropropane
Concen: 0.533 ug/L
RT: 6.018 min Scan# 1548
Delta R.T. -0.084 min
Lab File: VV030210.D
Acq: 15 Mar 2023 14:35

Tgt Ion: 63 Resp: 5104
Ion Ratio Lower Upper
63 100
112 0.9 3.8 5.6#





#39

cis-1,3-Dichloropropene

Concen: 0.066 ug/L

RT: 6.934 min Scan# 11

Delta R.T. -0.029 min

Lab File: VV030210.D

Acq: 15 Mar 2023 14:35

Instrument :

MSVOA_V

ClientSampleId :

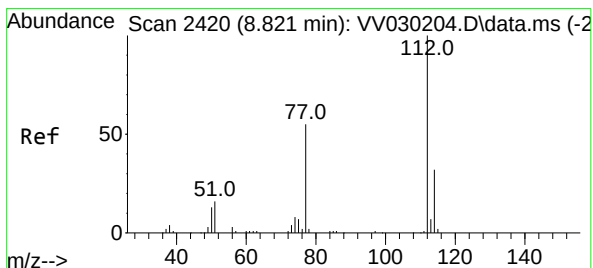
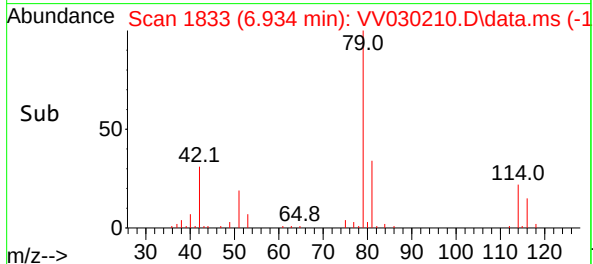
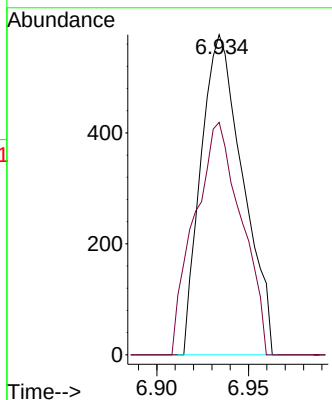
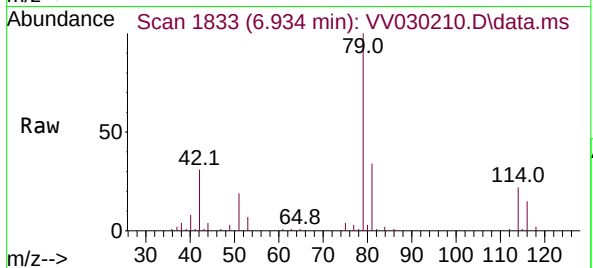
CB916

Tgt Ion: 75 Resp: 919

Ion Ratio Lower Upper

75 100

77 72.6 22.3 41.3#



#51

Chlorobenzene

Concen: 30.706 ug/L

RT: 8.825 min Scan# 2421

Delta R.T. 0.003 min

Lab File: VV030210.D

Acq: 15 Mar 2023 14:35

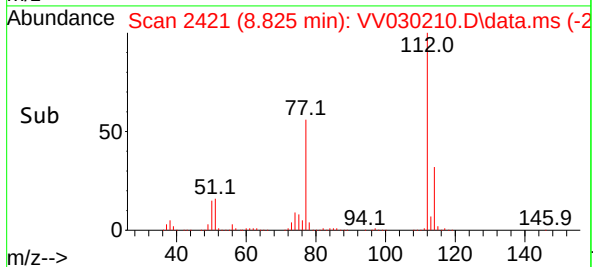
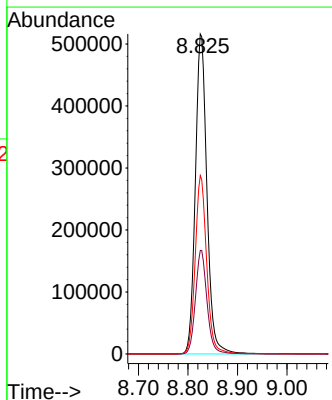
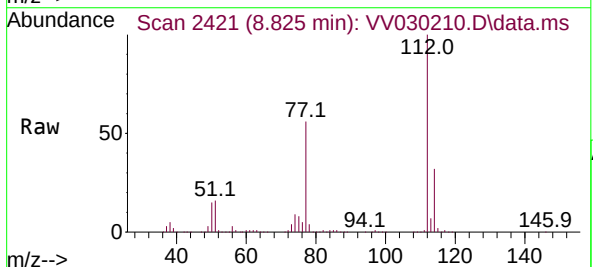
Tgt Ion: 112 Resp: 843981

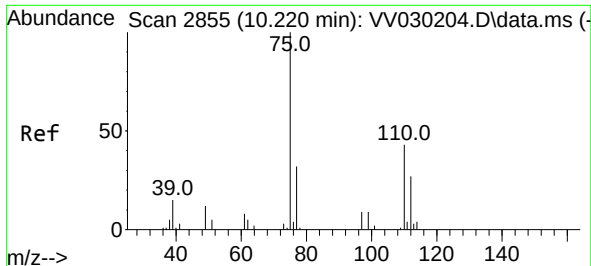
Ion Ratio Lower Upper

112 100

114 32.3 22.5 41.7

77 55.8 45.3 67.9

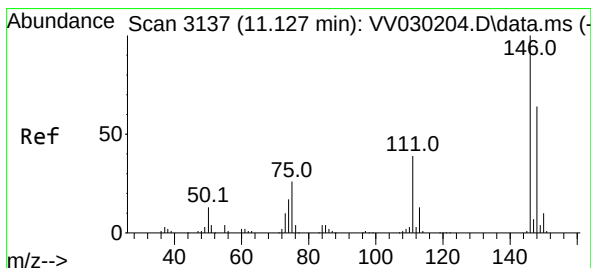
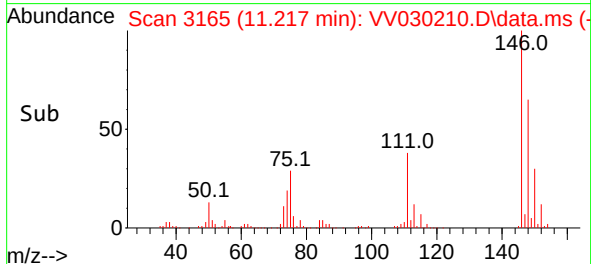
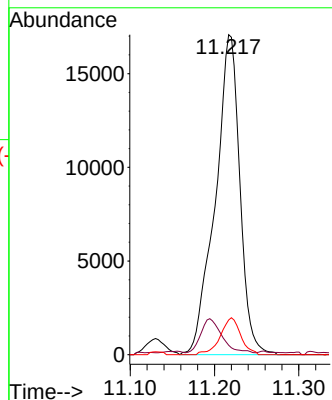
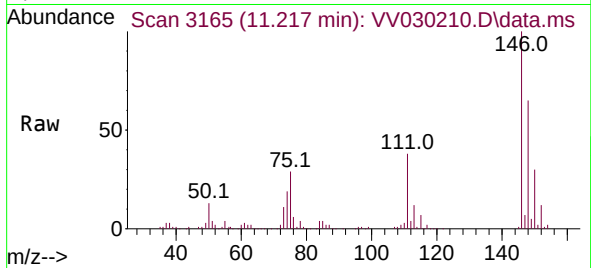




#61
1,2,3-Trichloropropane
Concen: 6.507 ug/L
RT: 11.217 min Scan# 3165
Delta R.T. 0.997 min
Lab File: VV030210.D
Acq: 15 Mar 2023 14:35

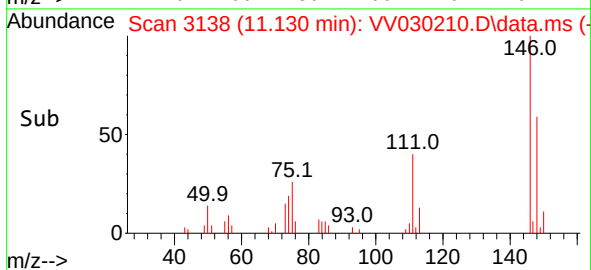
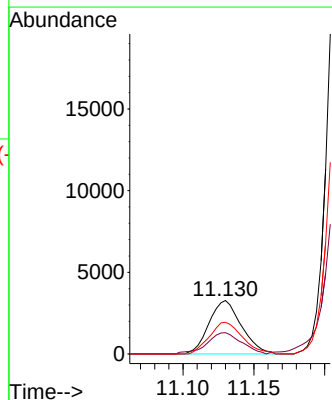
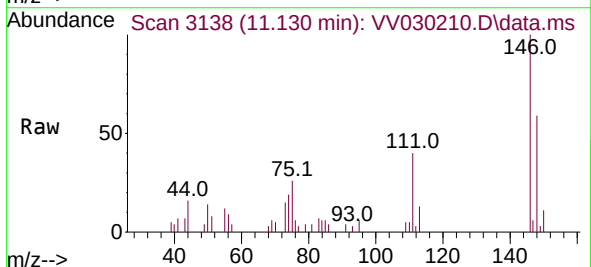
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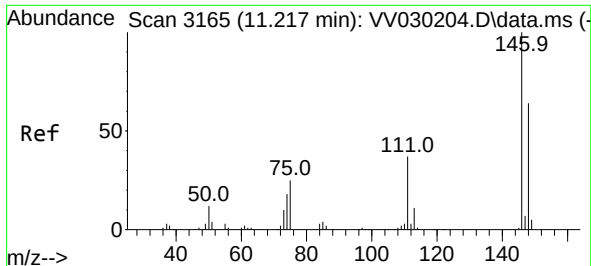
Tgt Ion: 75 Resp: 34586
Ion Ratio Lower Upper
75 100
77 0.0 26.5 39.7#
110 9.6 31.8 47.6#



#64
1,3-Dichlorobenzene
Concen: 0.218 ug/L
RT: 11.130 min Scan# 3138
Delta R.T. 0.003 min
Lab File: VV030210.D
Acq: 15 Mar 2023 14:35

Tgt Ion:146 Resp: 5191
Ion Ratio Lower Upper
146 100
111 39.8 27.7 51.5
148 59.4 44.5 82.7

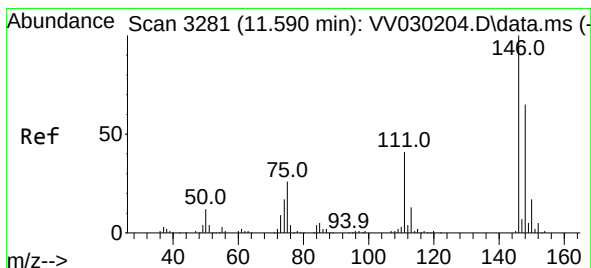
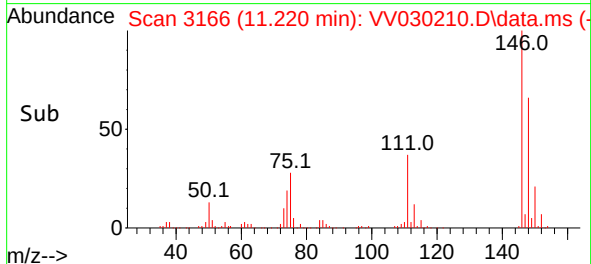
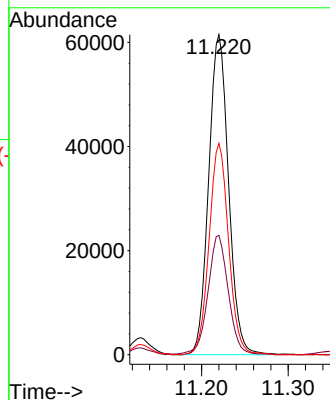
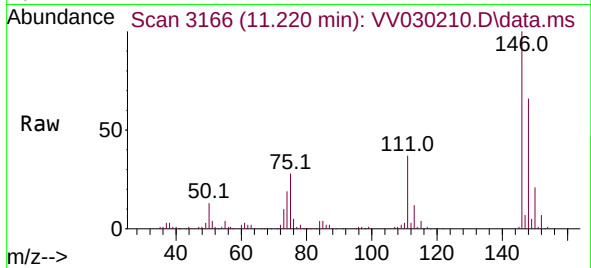




#65
1,4-Dichlorobenzene
Concen: 4.083 ug/L
RT: 11.220 min Scan# 3166
Delta R.T. 0.003 min
Lab File: VV030210.D
Acq: 15 Mar 2023 14:35

Instrument :
MSVOA_V
ClientSampleId :
CB916

Tgt Ion:146 Resp: 98012
Ion Ratio Lower Upper
146 100
111 37.3 27.4 51.0
148 66.0 44.1 81.9



#67
1,2-Dichlorobenzene
Concen: 0.735 ug/L
RT: 11.590 min Scan# 3281
Delta R.T. -0.000 min
Lab File: VV030210.D
Acq: 15 Mar 2023 14:35

Tgt Ion:146 Resp: 15437
Ion Ratio Lower Upper
146 100
111 41.1 33.5 50.3
148 61.4 51.3 76.9

