

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100423\
 Data File : VV032224.D
 Acq On : 04 Oct 2023 13:04
 Operator : SY/MD
 Sample : 04708-01
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 05 01:40:47 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Oct 05 01:37:52 2023
 Response via : Initial Calibration

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

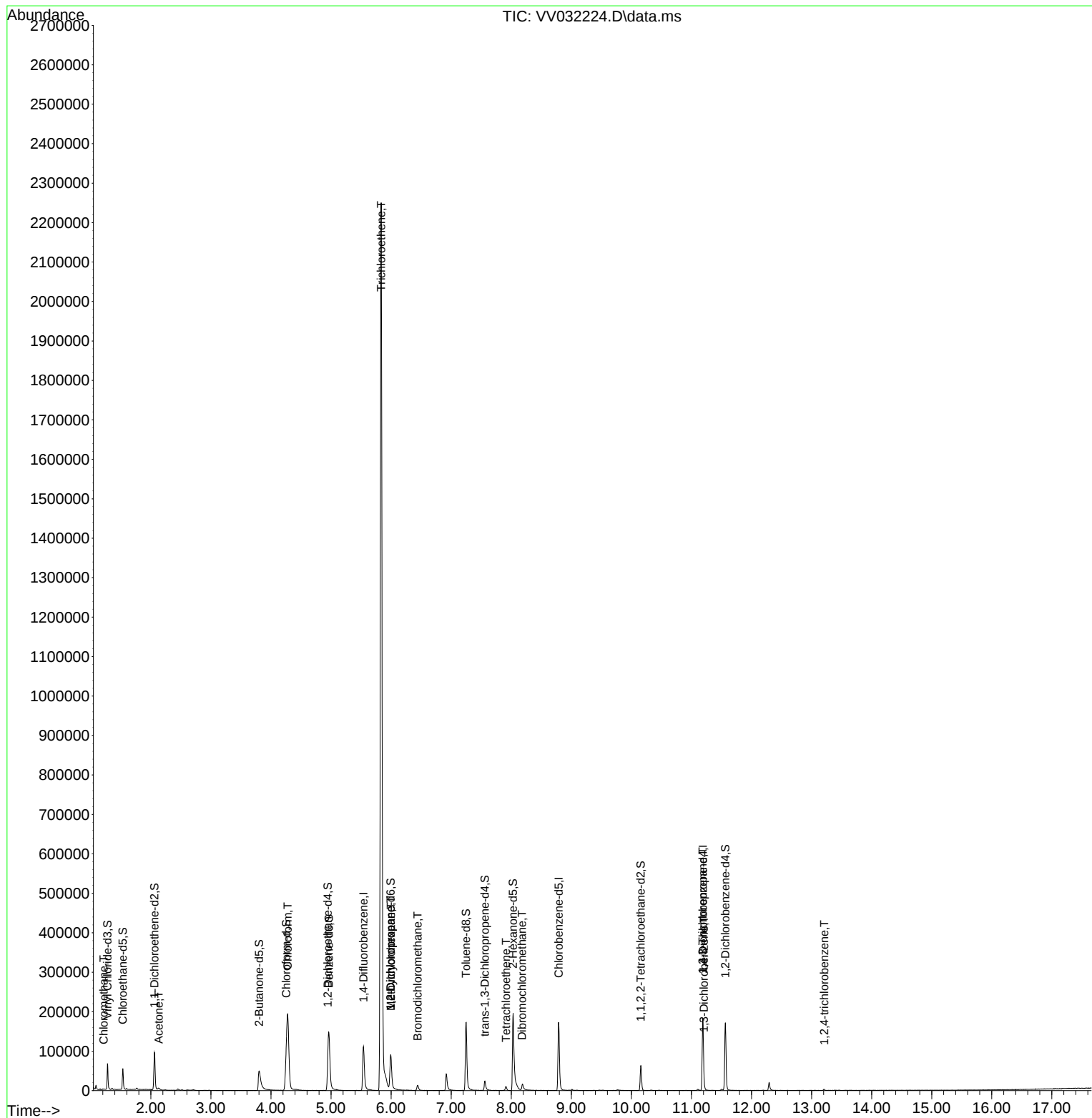
Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	100264	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	99130	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	46812	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	39012	4.784	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.600%
7) Chloroethane-d5	1.532	69	32699	4.940	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.800%
11) 1,1-Dichloroethene-d2	2.060	65	16069	4.673	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	93.400%
20) 2-Butanone-d5	3.802	46	96715	46.886	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.780%
24) Chloroform-d	4.256	84	75155	5.225	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.400%
26) 1,2-Dichloroethane-d4	4.947	65	33777	4.957	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.200%
32) Benzene-d6	4.963	84	141459	4.850	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.000%
36) 1,2-Dichloropropane-d6	5.992	67	46630	4.825	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.400%
41) Toluene-d8	7.246	98	119210	4.469	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.400%
43) trans-1,3-Dichloroprop...	7.561	79	15605	4.557	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.200%
46) 2-Hexanone-d5	8.030	63	72237	44.832	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.660%
56) 1,1,2,2-Tetrachloroeth...	10.156	84	32360	4.787	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.800%
66) 1,2-Dichlorobenzene-d4	11.564	152	44053	5.071	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.400%
Target Compounds						Qvalue
3) Chloromethane	1.217	50	1181	0.105	ug/L	99
13) Acetone	2.130	43	4377	2.753	ug/L	92
25) Chloroform	4.278	83	183900	11.830	ug/L	99
34) Trichloroethene	5.834	95	817901	85.845	ug/L	98
35) Methylcyclohexane	5.995	83	10861	0.737	ug/L #	22
37) 1,2-Dichloropropane	5.992	63	5043	0.540	ug/L #	87
38) Bromodichloromethane	6.442	83	10105	0.911	ug/L #	98
47) Tetrachloroethene	7.911	164	2476	0.343	ug/L	96
49) Dibromochloromethane	8.182	129	1584	0.231	ug/L	89
61) 1,2,3-Trichloropropane	11.188	75	6345	1.273	ug/L #	67
64) 1,3-Dichlorobenzene	11.210	146	1252	0.072	ug/L #	75
70) 1,2,4-trichlorobenzene	13.210	180	1061	0.094	ug/L	88

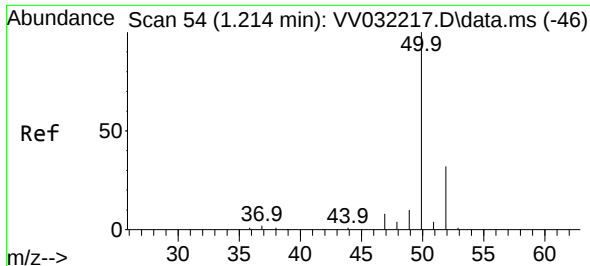
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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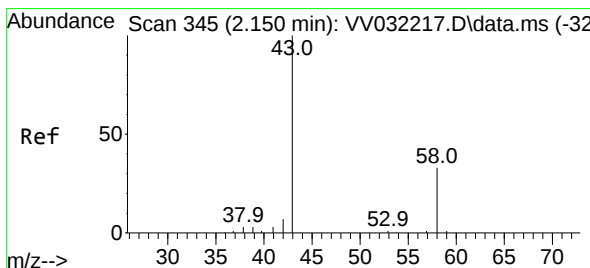
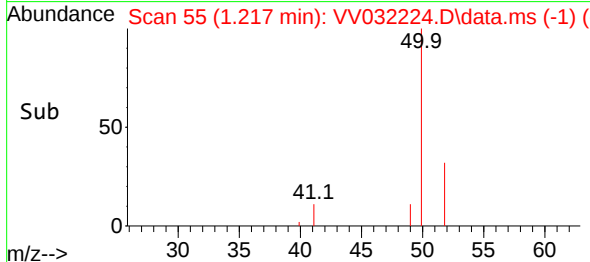
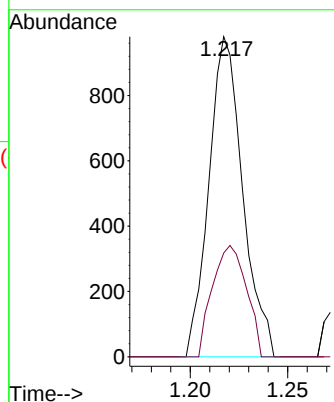
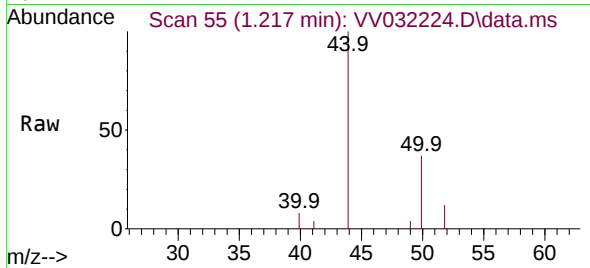




#3
Chloromethane
Concen: 0.105 ug/L
RT: 1.217 min Scan# 50
Delta R.T. 0.003 min
Lab File: VV032224.D
Acq: 04 Oct 2023 13:04

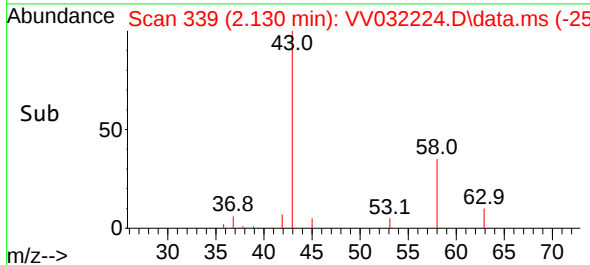
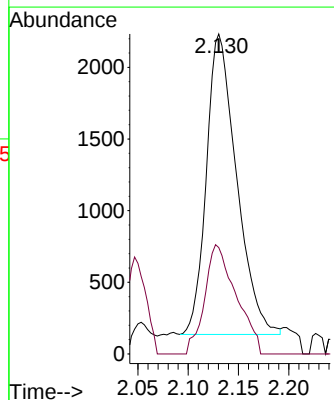
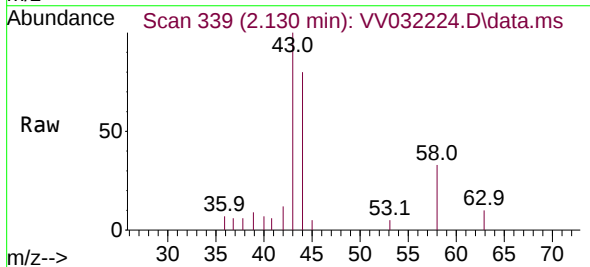
Instrument :
MSVOA_V
ClientSampleId :

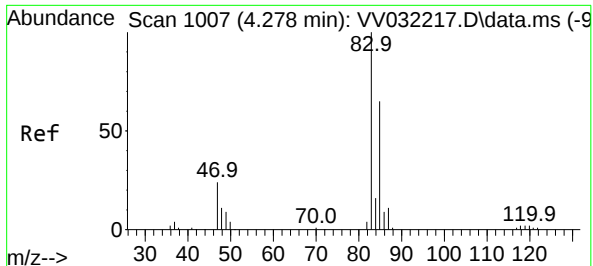
Tgt Ion: 50 Resp: 1181
Ion Ratio Lower Upper
50 100
52 32.4 23.0 42.6



#13
Acetone
Concen: 2.753 ug/L
RT: 2.130 min Scan# 339
Delta R.T. -0.019 min
Lab File: VV032224.D
Acq: 04 Oct 2023 13:04

Tgt Ion: 43 Resp: 4377
Ion Ratio Lower Upper
43 100
58 37.8 0.0 66.0

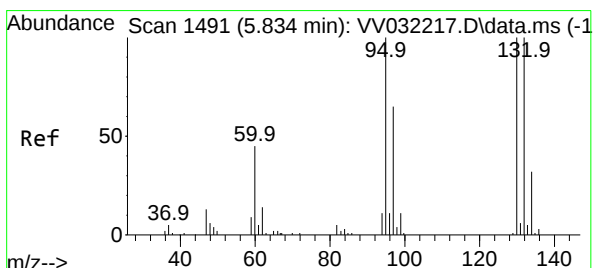
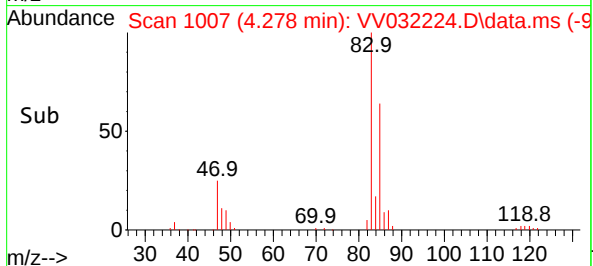
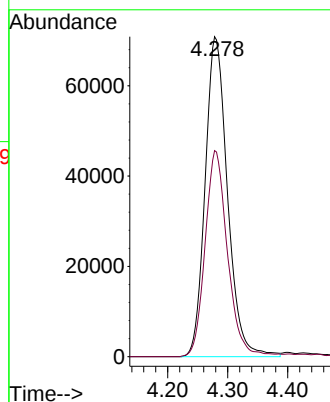
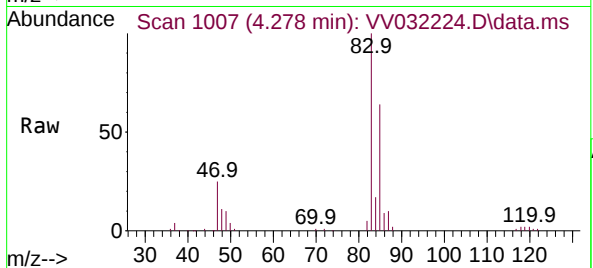




#25
Chloroform
Concen: 11.830 ug/L
RT: 4.278 min Scan# 1007
Delta R.T. -0.000 min
Lab File: VV032224.D
Acq: 04 Oct 2023 13:04

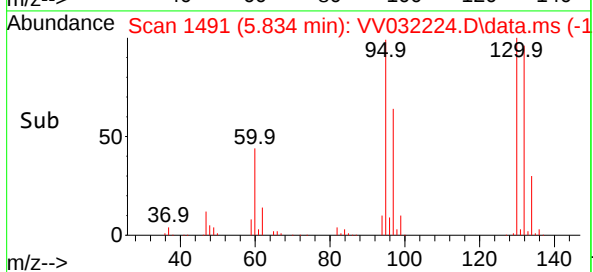
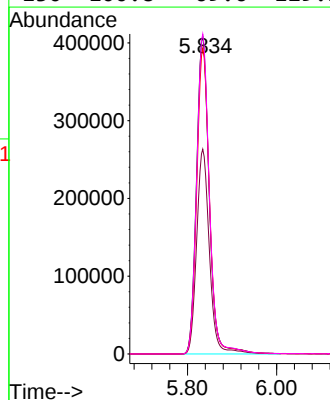
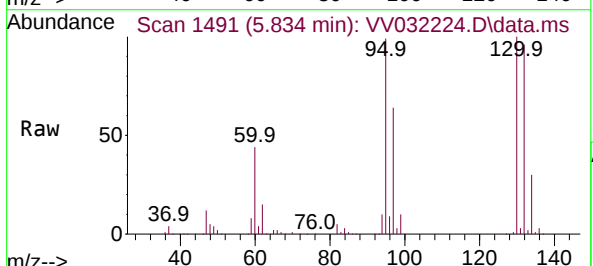
Instrument :
MSVOA_V
ClientSampleId :

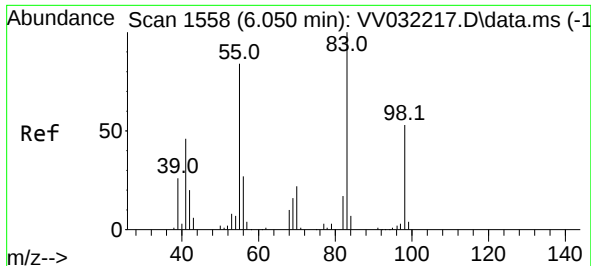
Tgt Ion: 83 Resp: 183900
Ion Ratio Lower Upper
83 100
85 64.4 45.4 84.4



#34
Trichloroethene
Concen: 85.845 ug/L
RT: 5.834 min Scan# 1491
Delta R.T. -0.000 min
Lab File: VV032224.D
Acq: 04 Oct 2023 13:04

Tgt Ion: 95 Resp: 817901
Ion Ratio Lower Upper
95 100
97 64.5 45.7 84.9
132 96.3 70.3 130.5
130 100.8 69.6 129.2

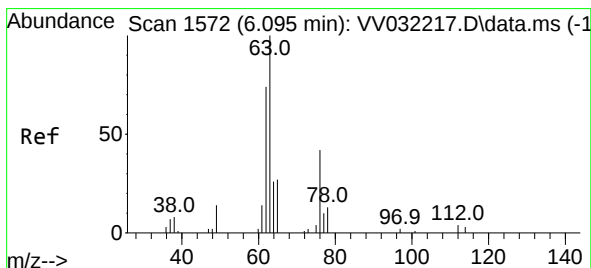
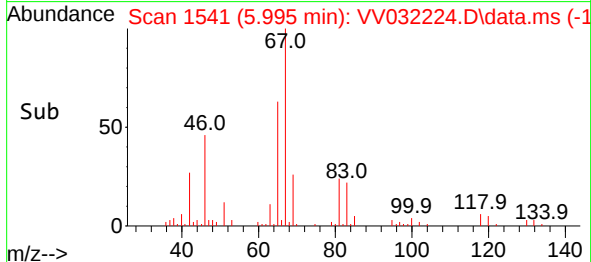
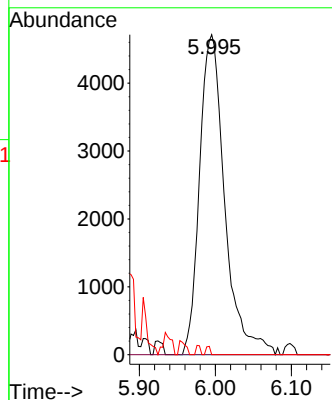
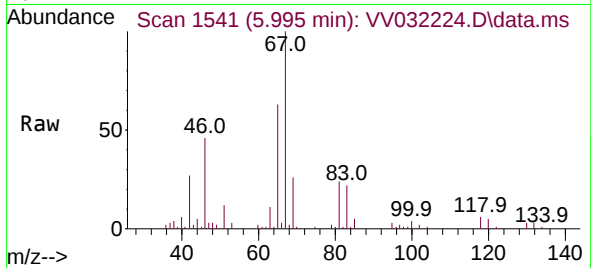




#35
Methylcyclohexane
Concen: 0.737 ug/L
RT: 5.995 min Scan# 11
Delta R.T. -0.055 min
Lab File: VV032224.D
Acq: 04 Oct 2023 13:04

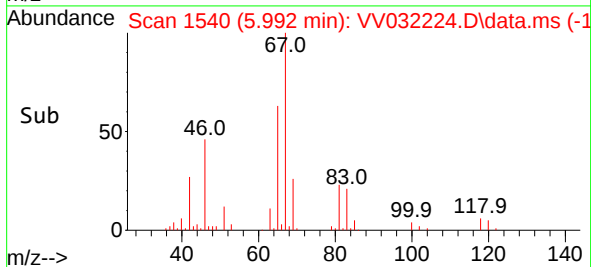
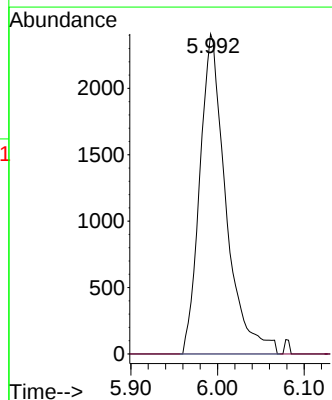
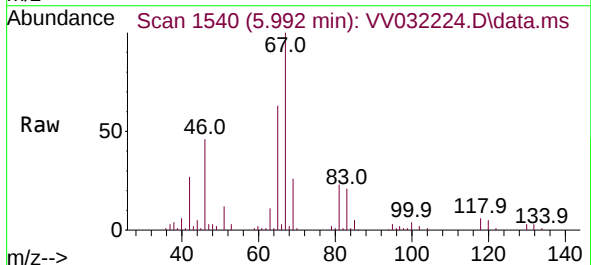
Instrument :
MSVOA_V
ClientSampleId :

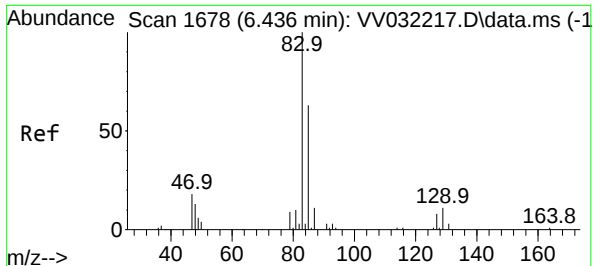
Tgt Ion: 83 Resp: 10861
Ion Ratio Lower Upper
83 100
55 0.0 64.2 96.2#
98 10.6 39.6 59.4#



#37
1,2-Dichloropropane
Concen: 0.540 ug/L
RT: 5.992 min Scan# 1540
Delta R.T. -0.103 min
Lab File: VV032224.D
Acq: 04 Oct 2023 13:04

Tgt Ion: 63 Resp: 5043
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.2#

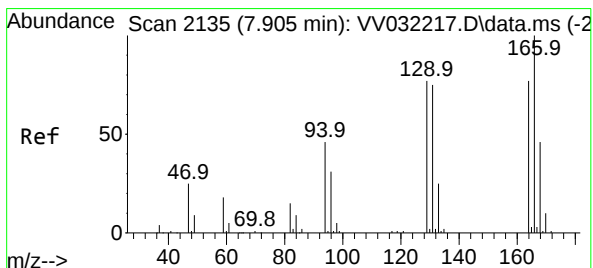
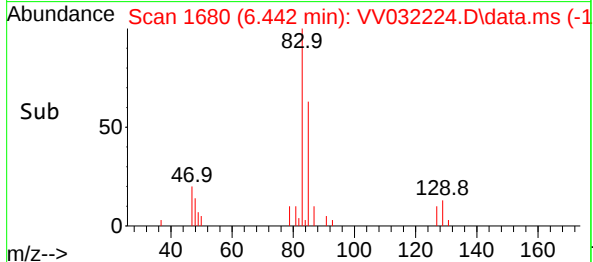
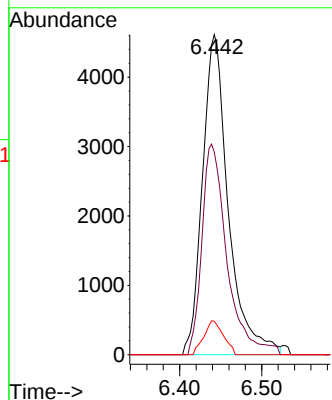
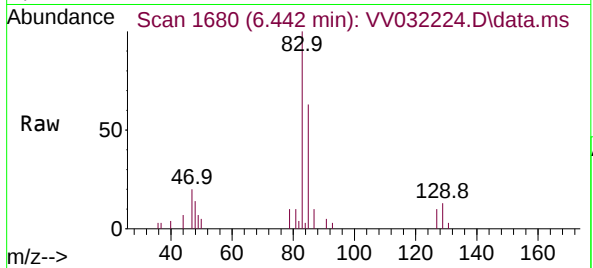




#38
Bromodichloromethane
Concen: 0.911 ug/L
RT: 6.442 min Scan# 1
Delta R.T. 0.006 min
Lab File: VV032224.D
Acq: 04 Oct 2023 13:04

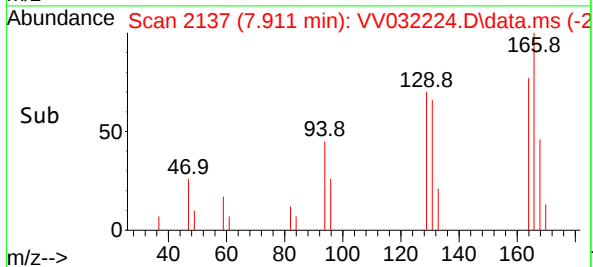
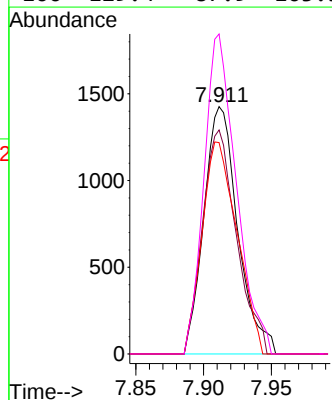
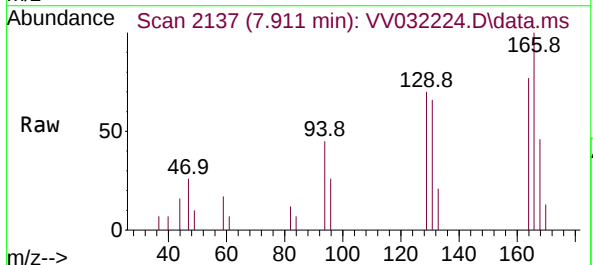
Instrument :
MSVOA_V
ClientSampleId :

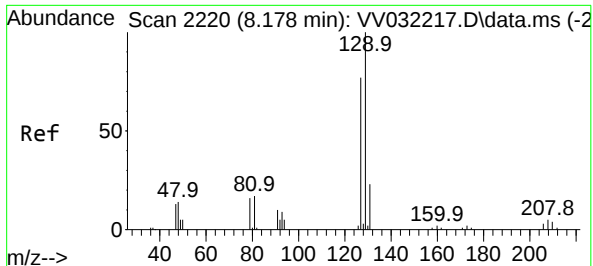
Tgt Ion: 83 Resp: 10105
Ion Ratio Lower Upper
83 100
85 63.3 44.9 83.3
127 10.5 6.9 10.3#



#47
Tetrachloroethene
Concen: 0.343 ug/L
RT: 7.911 min Scan# 2137
Delta R.T. 0.006 min
Lab File: VV032224.D
Acq: 04 Oct 2023 13:04

Tgt Ion:164 Resp: 2476
Ion Ratio Lower Upper
164 100
129 90.6 66.4 123.4
131 85.5 63.7 118.3
166 129.4 87.9 163.3





#49

Dibromochloromethane

Concen: 0.231 ug/L

RT: 8.182 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV032224.D

Acq: 04 Oct 2023 13:04

Instrument :

MSVOA_V

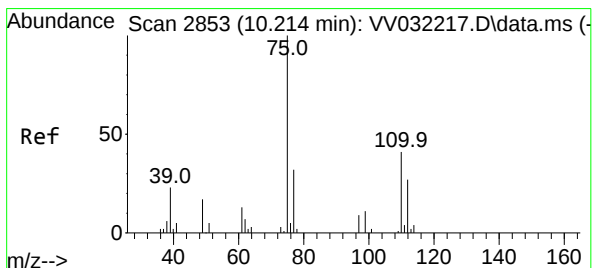
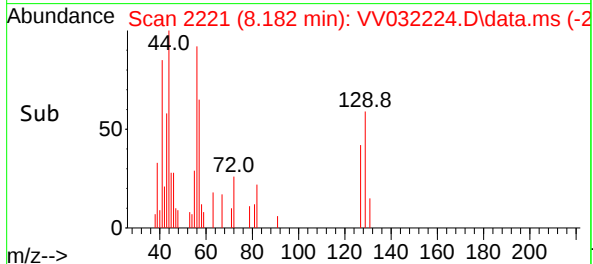
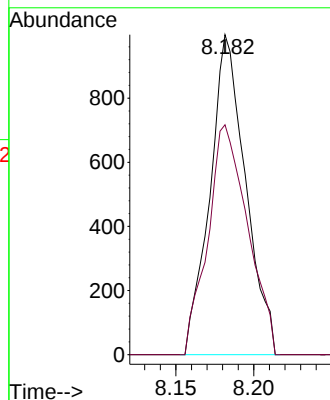
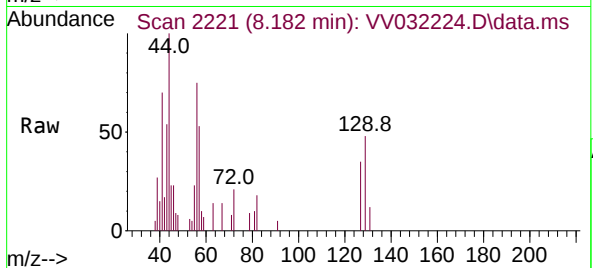
ClientSampleId :

Tgt Ion:129 Resp: 1584

Ion Ratio Lower Upper

129 100

127 71.8 57.2 106.2



#61

1,2,3-Trichloropropane

Concen: 1.273 ug/L

RT: 11.188 min Scan# 3156

Delta R.T. 0.974 min

Lab File: VV032224.D

Acq: 04 Oct 2023 13:04

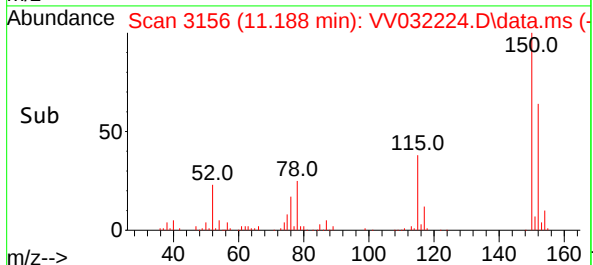
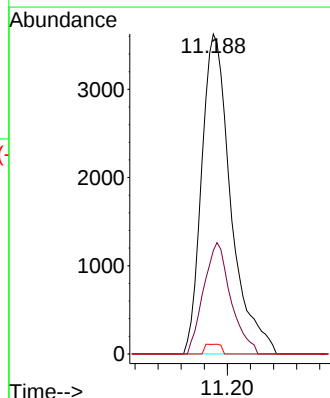
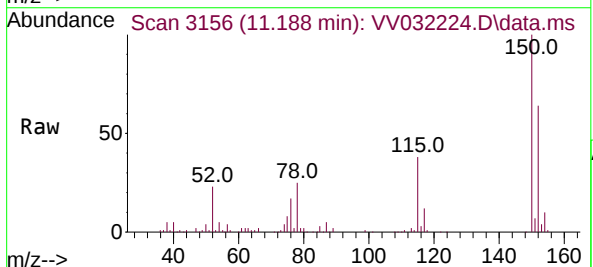
Tgt Ion: 75 Resp: 6345

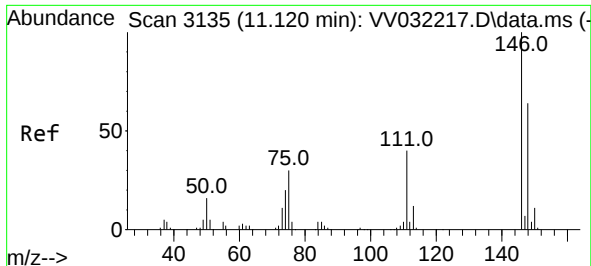
Ion Ratio Lower Upper

75 100

77 32.5 26.2 39.2

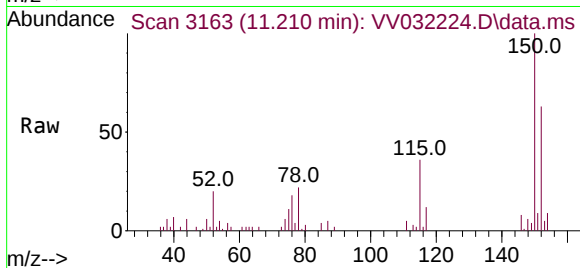
110 1.6 30.6 46.0#



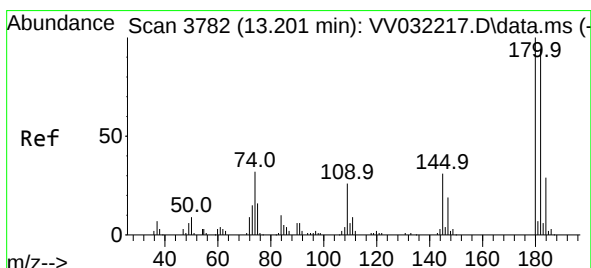
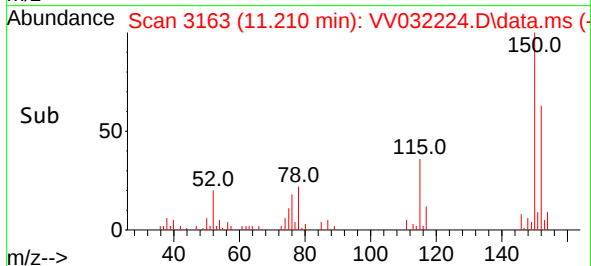
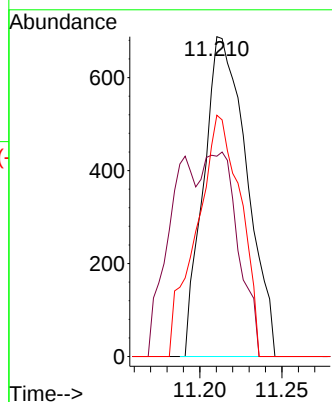


#64
1,3-Dichlorobenzene
Concen: 0.072 ug/L
RT: 11.210 min Scan# 3135
Delta R.T. 0.090 min
Lab File: VV032224.D
Acq: 04 Oct 2023 13:04

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:146 Resp: 1252
Ion Ratio Lower Upper
146 100
111 62.6 27.8 51.6#
148 75.4 43.7 81.1



#70
1,2,4-trichlorobenzene
Concen: 0.094 ug/L
RT: 13.210 min Scan# 3785
Delta R.T. 0.010 min
Lab File: VV032224.D
Acq: 04 Oct 2023 13:04

Tgt Ion:180 Resp: 1061
Ion Ratio Lower Upper
180 100
182 110.4 76.5 114.7
145 32.0 24.3 36.5

