

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW101421\
 Data File : VW022803.D
 Acq On : 14 Oct 2021 19:28
 Operator : SY/MD
 Sample : M4214-10
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 JDGG5

Quant Time: Oct 15 02:01:27 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100721WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Oct 15 01:58:00 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	116459	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	116896	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	52292	5.000	ug/L	0.00

System Monitoring Compounds

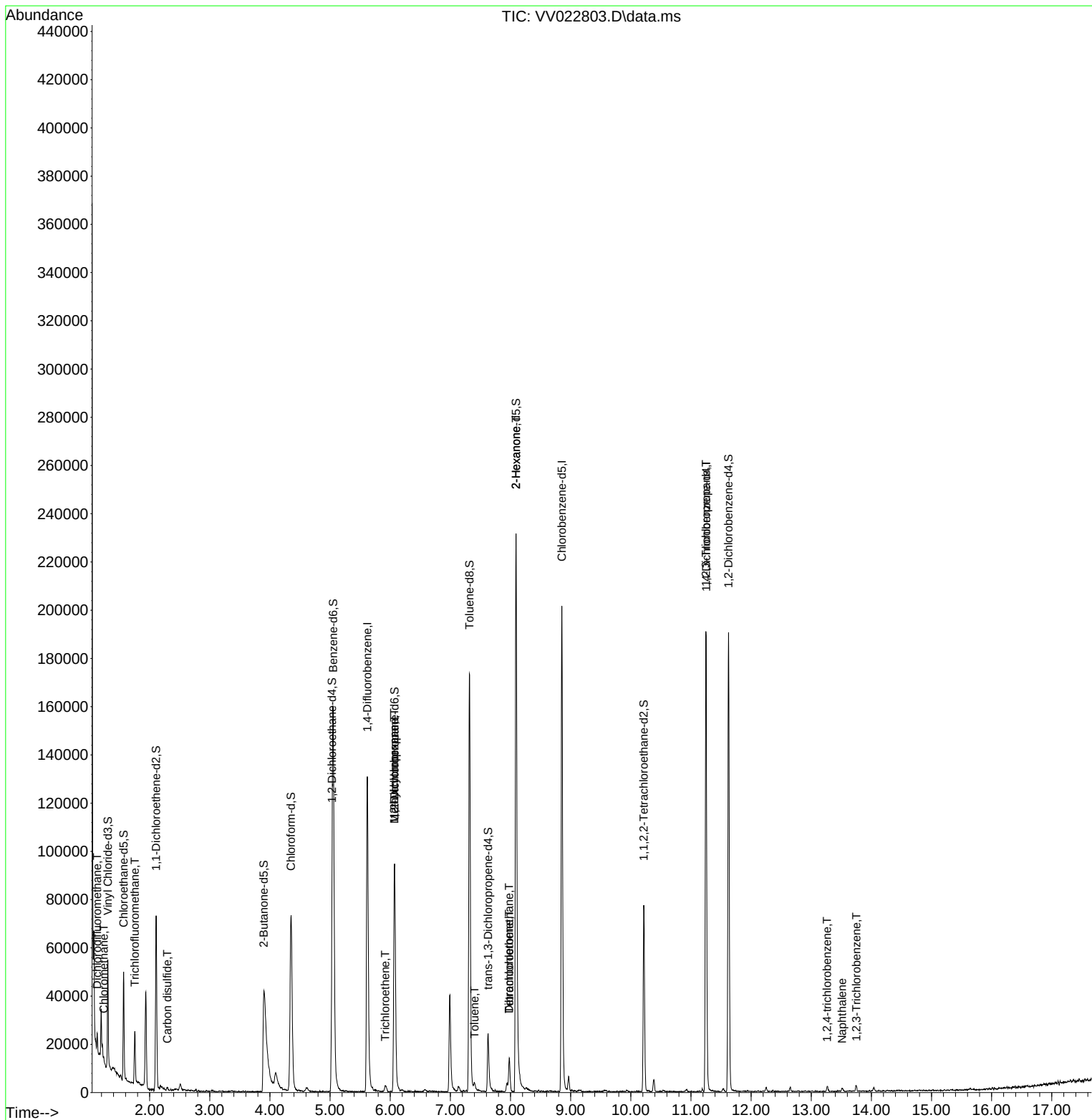
4) Vinyl Chloride-d3	1.304	65	28666	3.578	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	71.600%
7) Chloroethane-d5	1.568	69	26915	3.738	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	74.800%
11) 1,1-Dichloroethene-d2	2.108	63	37743	2.401	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	48.000%#
20) 2-Butanone-d5	3.899	46	100607	47.887	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.780%
24) Chloroform-d	4.352	84	77386	4.687	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.800%
26) 1,2-Dichloroethane-d4	5.034	65	37351	4.661	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.200%
32) Benzene-d6	5.053	84	146644	4.214	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.200%
36) 1,2-Dichloropropane-d6	6.072	67	47913	4.649	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.000%
41) Toluene-d8	7.317	98	119144	3.961	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.200%
43) trans-1,3-Dichloroprop...	7.629	79	14922	4.365	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.200%
46) 2-Hexanone-d5	8.092	63	81750	59.338	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	118.680%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	37020	5.303	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.000%
66) 1,2-Dichlorobenzene-d4	11.625	152	49951	5.152	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.000%

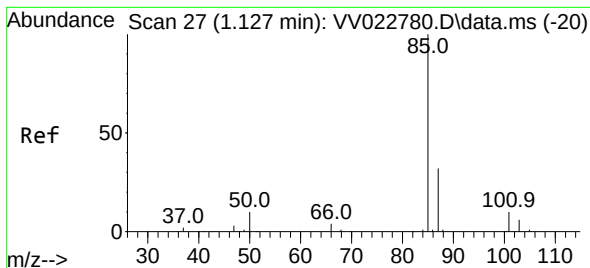
Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.127	85	3828	0.451	ug/L	98
3) Chloromethane	1.240	50	1146	0.134	ug/L	84
9) Trichlorofluoromethane	1.754	101	12132	0.940	ug/L	100
14) Carbon disulfide	2.294	76	1120	0.057	ug/L #	65
34) Trichloroethene	5.918	95	468	0.055	ug/L #	65
35) Methylcyclohexane	6.069	83	12216	1.018	ug/L #	17
37) 1,2-Dichloropropane	6.069	63	5552	0.733	ug/L #	85
42) Toluene	7.400	91	2375	0.074	ug/L	78
47) Tetrachloroethene	7.979	164	3136	0.453	ug/L	95
48) 2-Hexanone	8.092	43	9448	3.176	ug/L #	71
49) Dibromochloromethane	7.979	129	2853	0.434	ug/L #	7
61) 1,2,3-Trichloropropane	11.249	75	5977	1.645	ug/L #	63
70) 1,2,4-trichlorobenzene	13.265	180	946	0.118	ug/L	98
71) Naphthalene	13.513	128	1310	0.103	ug/L #	89
72) 1,2,3-Trichlorobenzene	13.750	180	865	0.114	ug/L #	96

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

Quant Time: Oct 15 02:01:27 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100721WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Oct 15 01:58:00 2021
Response via : Initial Calibration

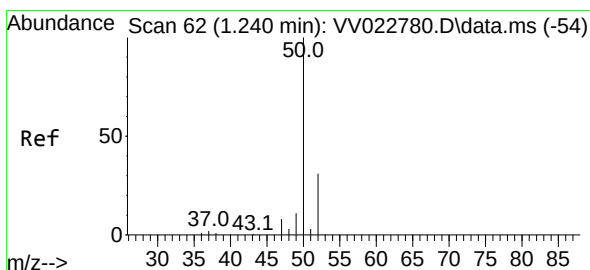
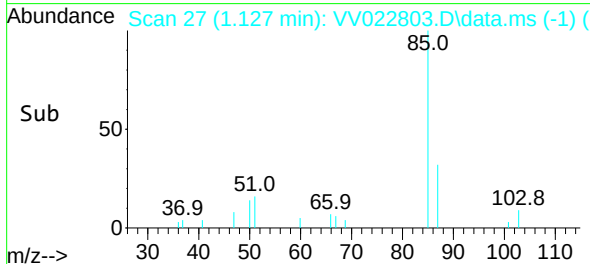
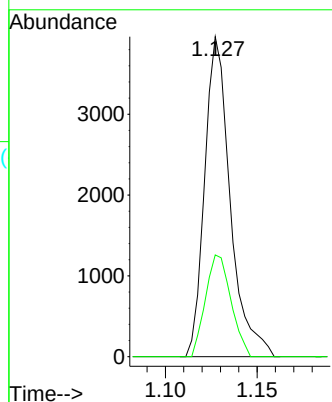
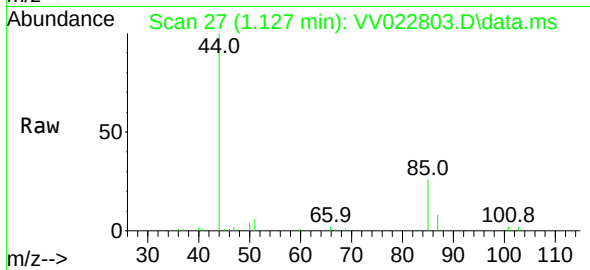




#2
 Dichlorodifluoromethane
 Concen: 0.451 ug/L
 RT: 1.127 min Scan# 27
 Delta R.T. 0.000 min
 Lab File: VV022803.D
 Acq: 14 Oct 2021 19:28

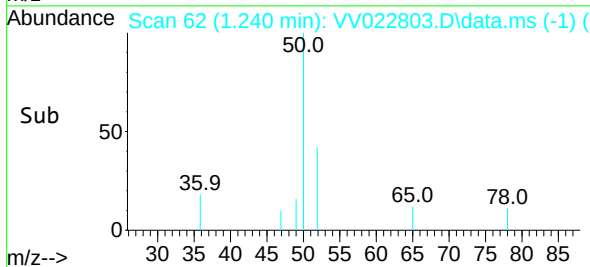
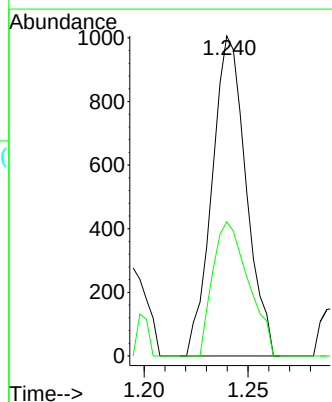
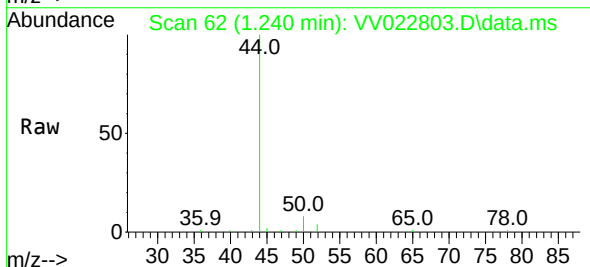
Instrument :
 MSVOA_V
 ClientSampleId :
 JDGG5

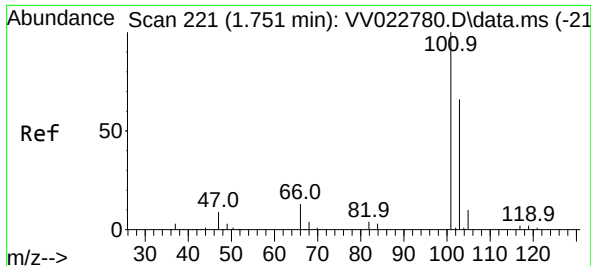
Tgt Ion: 85 Resp: 3828
 Ion Ratio Lower Upper
 85 100
 87 31.6 26.3 39.5



#3
 Chloromethane
 Concen: 0.134 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. 0.000 min
 Lab File: VV022803.D
 Acq: 14 Oct 2021 19:28

Tgt Ion: 50 Resp: 1146
 Ion Ratio Lower Upper
 50 100
 52 41.9 22.9 42.5

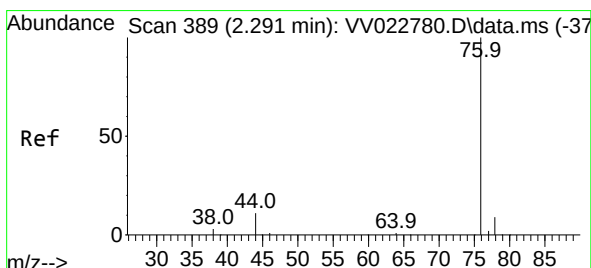
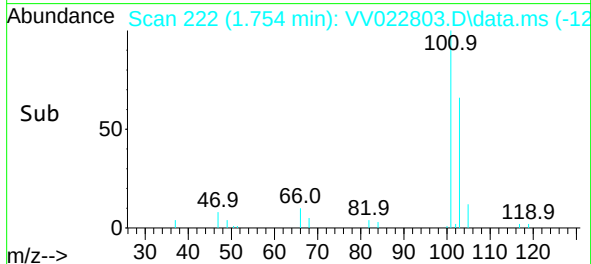
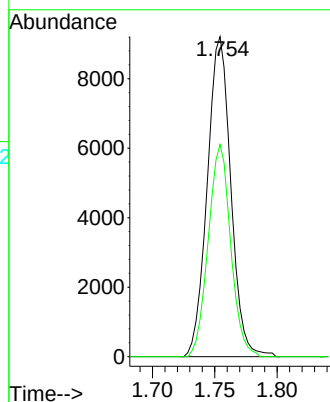
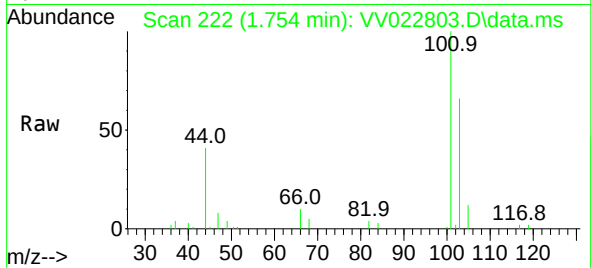




#9
Trichlorofluoromethane
Concen: 0.940 ug/L
RT: 1.754 min Scan# 222
Delta R.T. 0.003 min
Lab File: VV022803.D
Acq: 14 Oct 2021 19:28

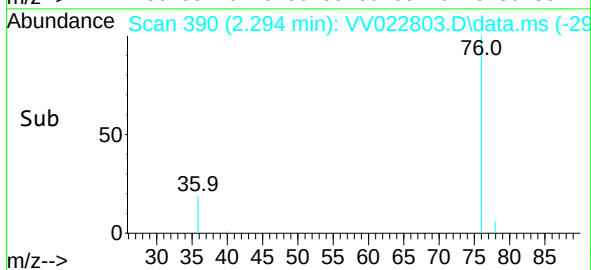
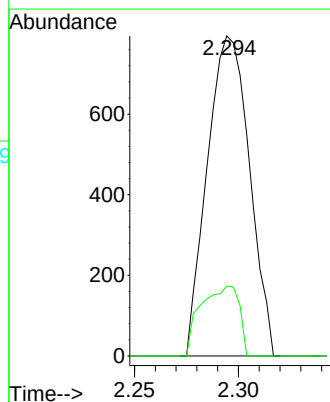
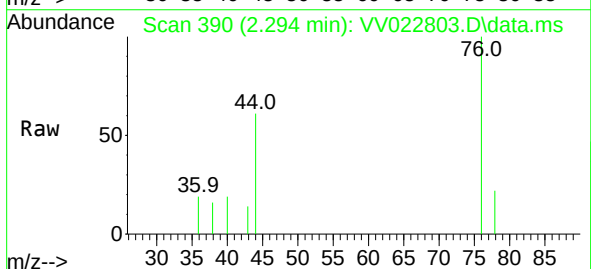
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MSVOA_V
ClientSampled :
JDGG5

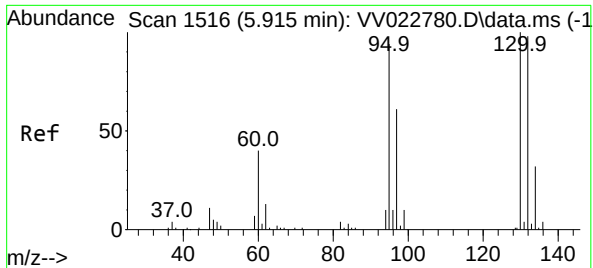
Tgt Ion:101 Resp: 12132
Ion Ratio Lower Upper
101 100
103 63.0 50.3 75.5



#14
Carbon disulfide
Concen: 0.057 ug/L
RT: 2.294 min Scan# 390
Delta R.T. 0.003 min
Lab File: VV022803.D
Acq: 14 Oct 2021 19:28

Tgt Ion: 76 Resp: 1120
Ion Ratio Lower Upper
76 100
78 21.8 7.4 11.0#

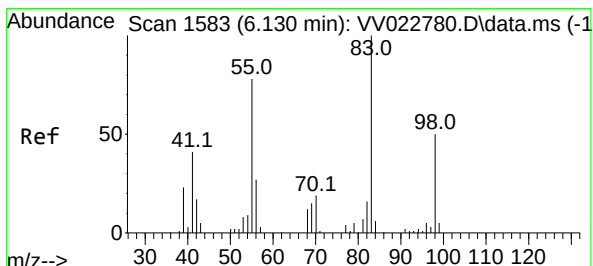
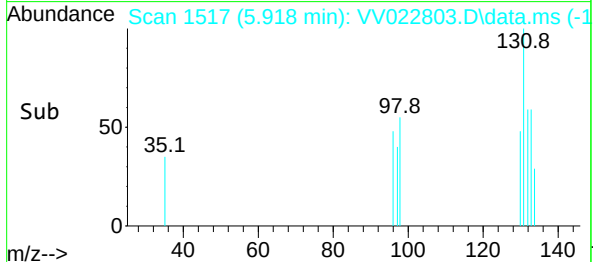
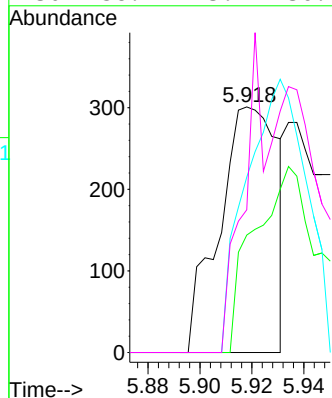
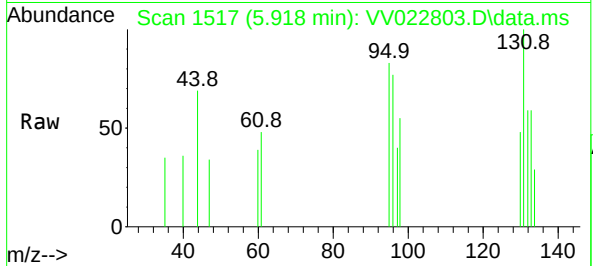




#34
Trichloroethene
Concen: 0.055 ug/L
RT: 5.918 min Scan# 1517
Delta R.T. 0.003 min
Lab File: VV022803.D
Acq: 14 Oct 2021 19:28

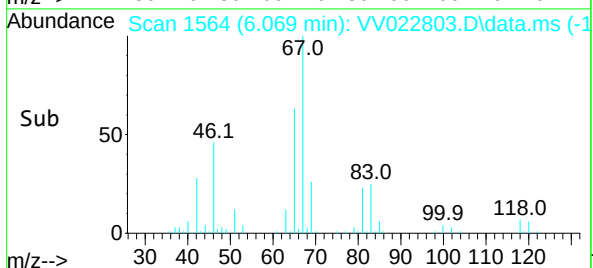
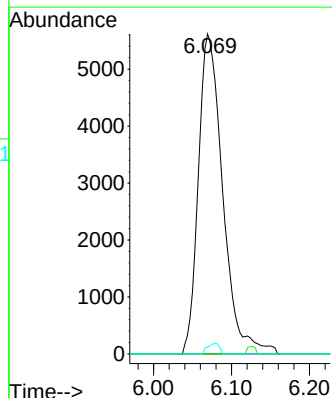
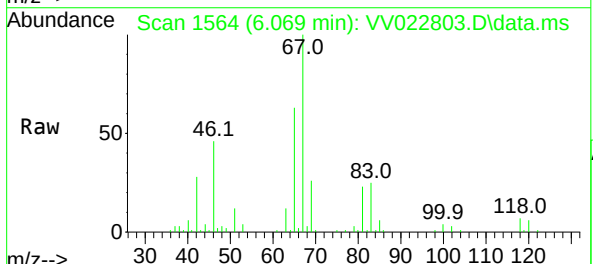
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MSVOA_V
ClientSampled :
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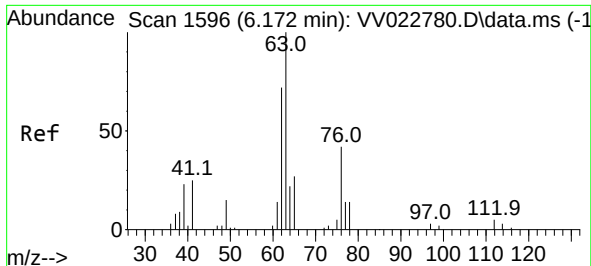
Tgt Ion: 95 Resp: 468
Ion Ratio Lower Upper
95 100
97 47.8 45.8 85.2
132 71.4 72.2 134.0#
130 58.1 73.4 136.4#



#35
Methylcyclohexane
Concen: 1.018 ug/L
RT: 6.069 min Scan# 1564
Delta R.T. -0.061 min
Lab File: VV022803.D
Acq: 14 Oct 2021 19:28

Tgt Ion: 83 Resp: 12216
Ion Ratio Lower Upper
83 100
55 0.8 63.8 95.6#
98 1.6 42.1 63.1#



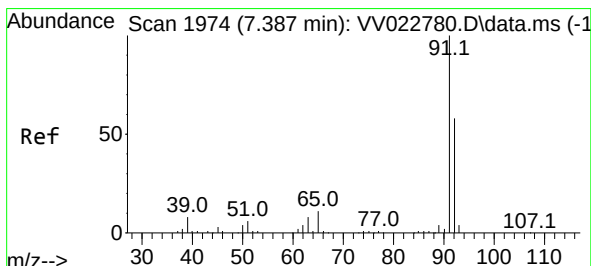
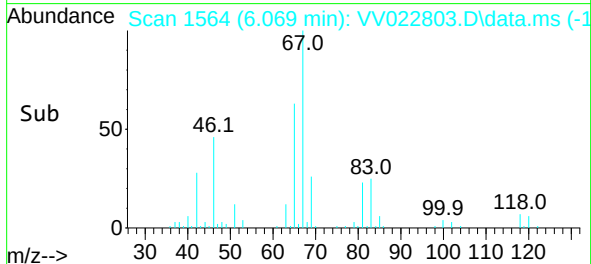
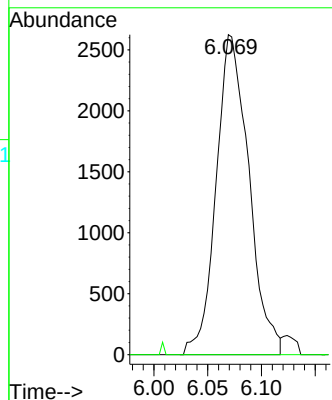
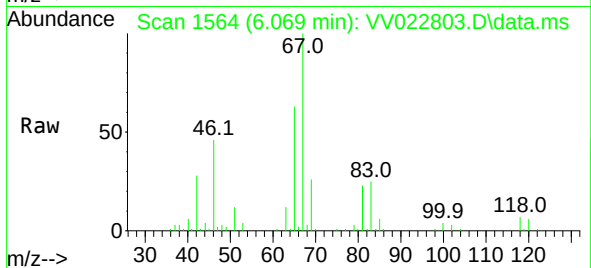


#37

1,2-Dichloropropane
Concen: 0.733 ug/L
RT: 6.069 min Scan# 1564
Delta R.T. -0.103 min
Lab File: VV022803.D
Acq: 14 Oct 2021 19:28

Instrument :
MSVOA_V
ClientSampled :
JDGG5

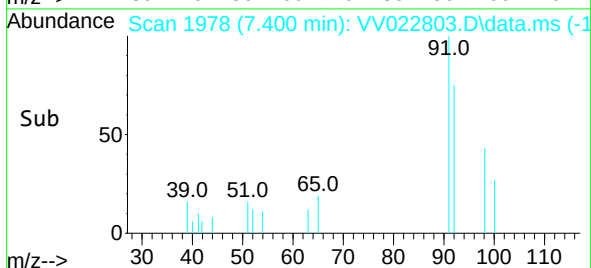
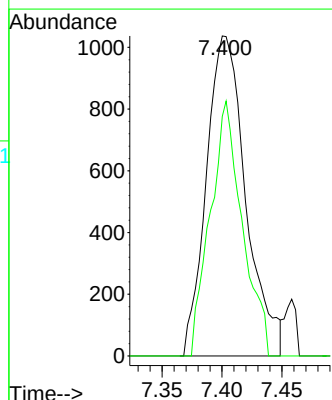
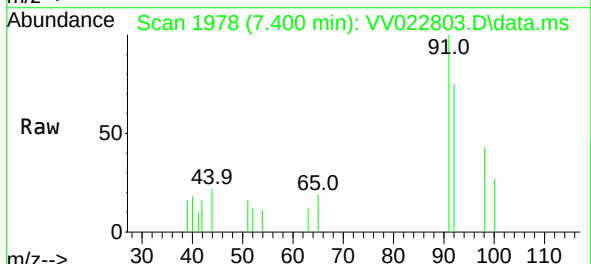
Tgt Ion: 63 Resp: 5552
Ion Ratio Lower Upper
63 100
112 0.4 4.4 6.6#

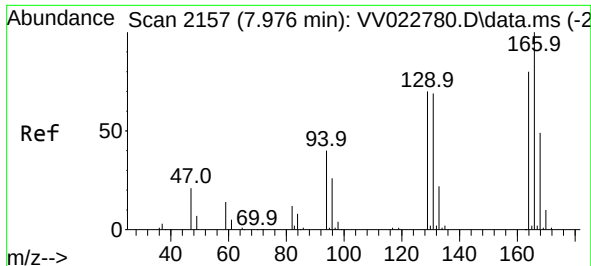


#42

Toluene
Concen: 0.074 ug/L
RT: 7.400 min Scan# 1978
Delta R.T. 0.013 min
Lab File: VV022803.D
Acq: 14 Oct 2021 19:28

Tgt Ion: 91 Resp: 2375
Ion Ratio Lower Upper
91 100
92 74.8 40.7 75.7

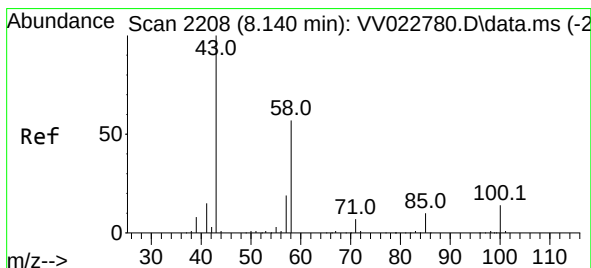
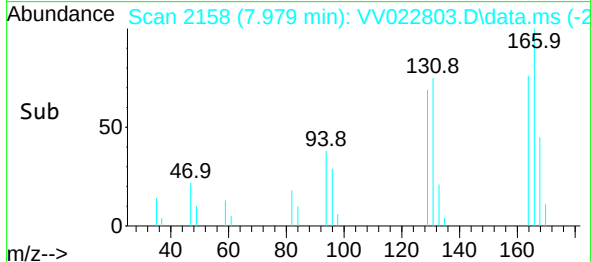
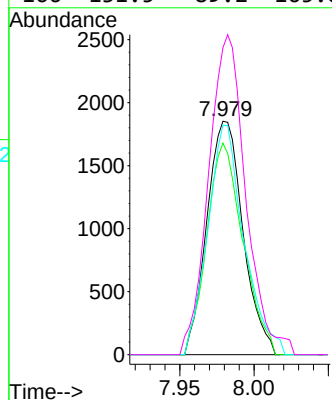
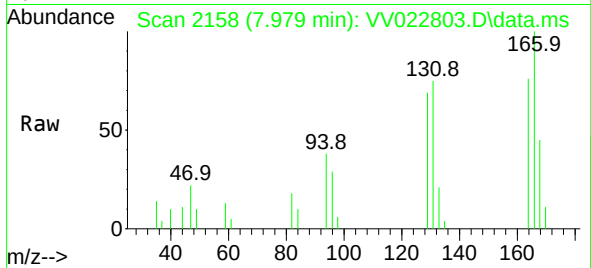




#47
Tetrachloroethene
Concen: 0.453 ug/L
RT: 7.979 min Scan# 2158
Delta R.T. 0.003 min
Lab File: VV022803.D
Acq: 14 Oct 2021 19:28

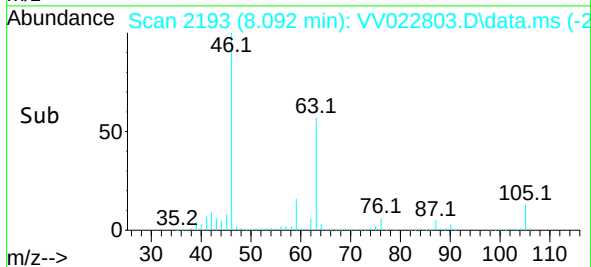
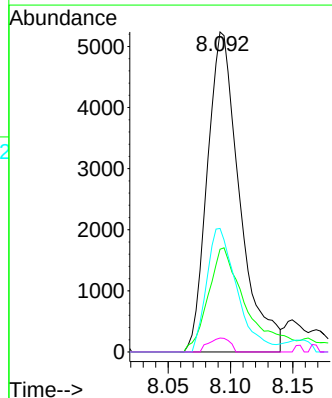
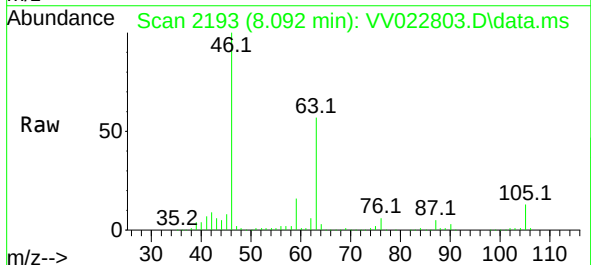
Instrument :
MSVOA_V
ClientSampled :
JDGG5

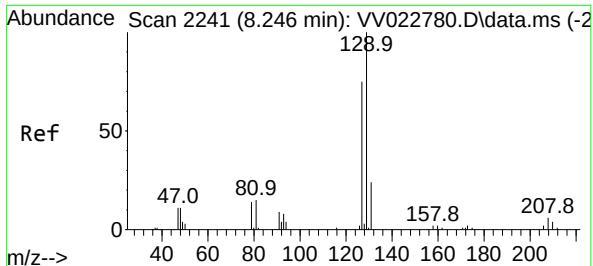
Tgt Ion:	164	Resp:	3136
Ion	Ratio	Lower	Upper
164	100		
129	90.6	65.0	120.6
131	98.4	62.2	115.4
166	131.5	89.2	165.8



#48
2-Hexanone
Concen: 3.176 ug/L
RT: 8.092 min Scan# 2193
Delta R.T. -0.048 min
Lab File: VV022803.D
Acq: 14 Oct 2021 19:28

Tgt Ion:	43	Resp:	9448
Ion	Ratio	Lower	Upper
43	100		
58	38.6	47.4	71.0#
57	36.4	15.3	22.9#
100	2.9	10.4	15.6#





#49

Dibromochloromethane

Concen: 0.434 ug/L

RT: 7.979 min Scan# 2158

Delta R.T. -0.267 min

Lab File: VV022803.D

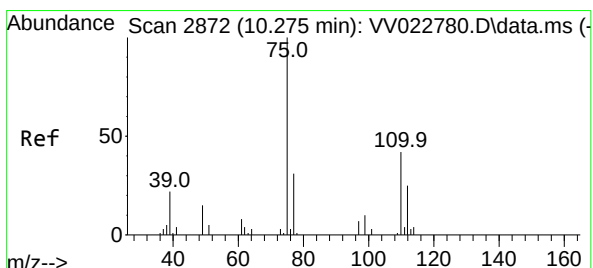
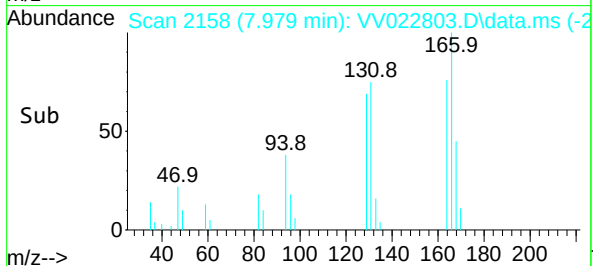
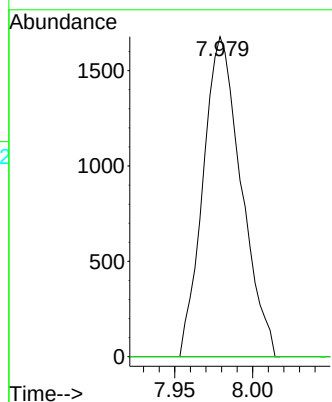
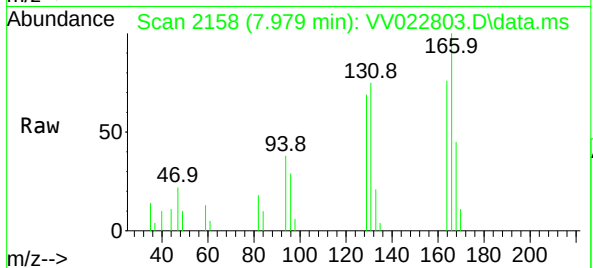
Acq: 14 Oct 2021 19:28

Tgt Ion:129 Resp: 2853

Ion Ratio Lower Upper

129 100

127 0.0 59.1 109.9#



#61

1,2,3-Trichloropropane

Concen: 1.645 ug/L

RT: 11.249 min Scan# 3175

Delta R.T. 0.974 min

Lab File: VV022803.D

Acq: 14 Oct 2021 19:28

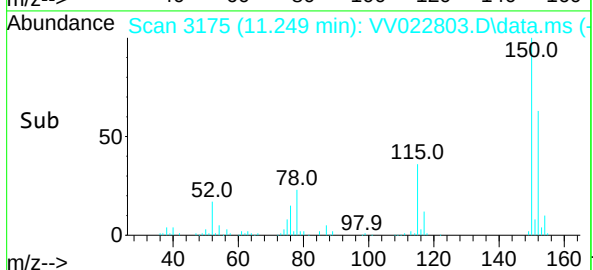
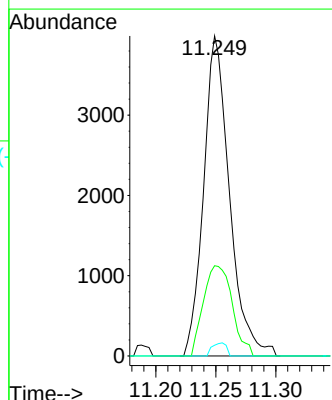
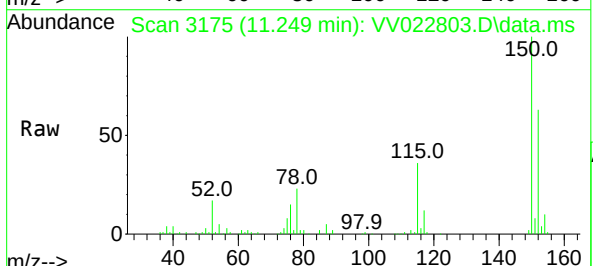
Tgt Ion: 75 Resp: 5977

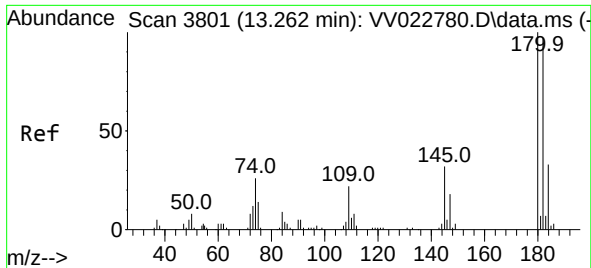
Ion Ratio Lower Upper

75 100

77 31.3 25.4 38.2

110 2.2 34.2 51.4#

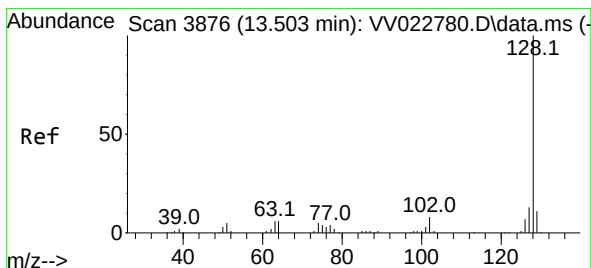
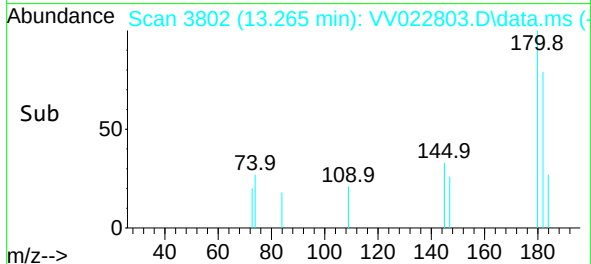
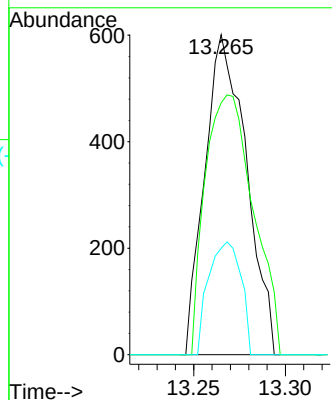
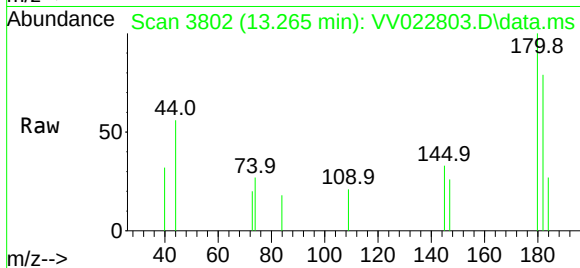




#70
1,2,4-trichlorobenzene
Concen: 0.118 ug/L
RT: 13.265 min Scan# 3802
Delta R.T. 0.003 min
Lab File: VV022803.D
Acq: 14 Oct 2021 19:28

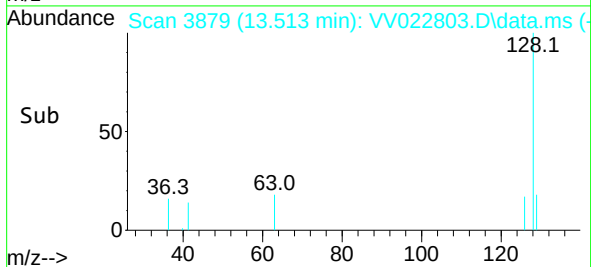
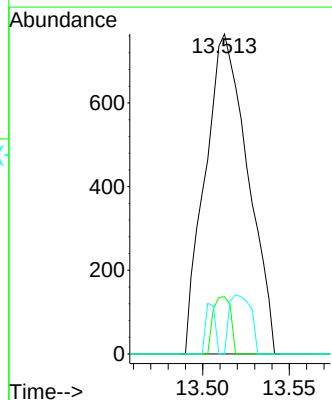
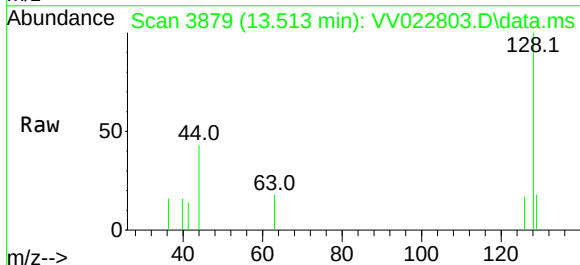
Instrument :
MSVOA_V
ClientSampleId :
JDGG5

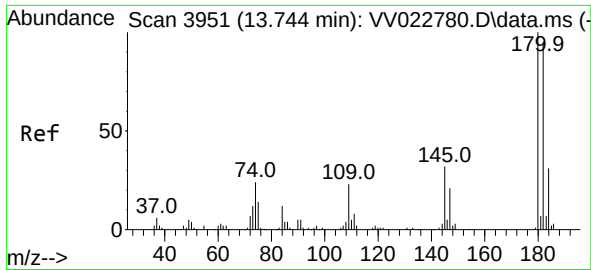
Tgt Ion:180 Resp: 946
Ion Ratio Lower Upper
180 100
182 94.2 76.0 114.0
145 27.4 24.1 36.1



#71
Naphthalene
Concen: 0.103 ug/L
RT: 13.513 min Scan# 3879
Delta R.T. 0.010 min
Lab File: VV022803.D
Acq: 14 Oct 2021 19:28

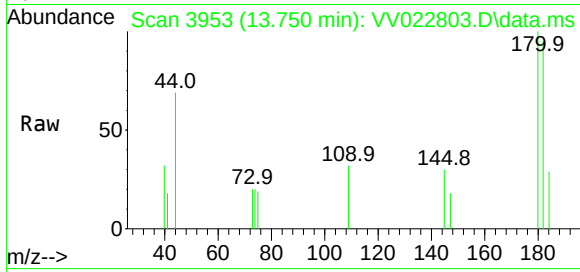
Tgt Ion:128 Resp: 1310
Ion Ratio Lower Upper
128 100
129 7.3 9.3 13.9#
127 9.3 10.8 16.2#





#72
 1,2,3-Trichlorobenzene
 Concen: 0.114 ug/L
 RT: 13.750 min Scan# 3953
 Delta R.T. 0.006 min
 Lab File: VV022803.D
 Acq: 14 Oct 2021 19:28

Instrument :
 MSVOA_V
 ClientSampleId :
 JDGG5



Tgt Ion:180 Resp: 865
 Ion Ratio Lower Upper
 180 100
 182 94.8 75.5 113.3
 145 22.7 24.7 37.1#

