

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW021524\
 Data File : VW034189.D
 Acq On : 15 Feb 2024 15:06
 Operator : SY/MD
 Sample : P1498-02
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AC4

Quant Time: Feb 16 00:42:27 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012524WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Feb 16 00:40:49 2024
 Response via : Initial Calibration

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

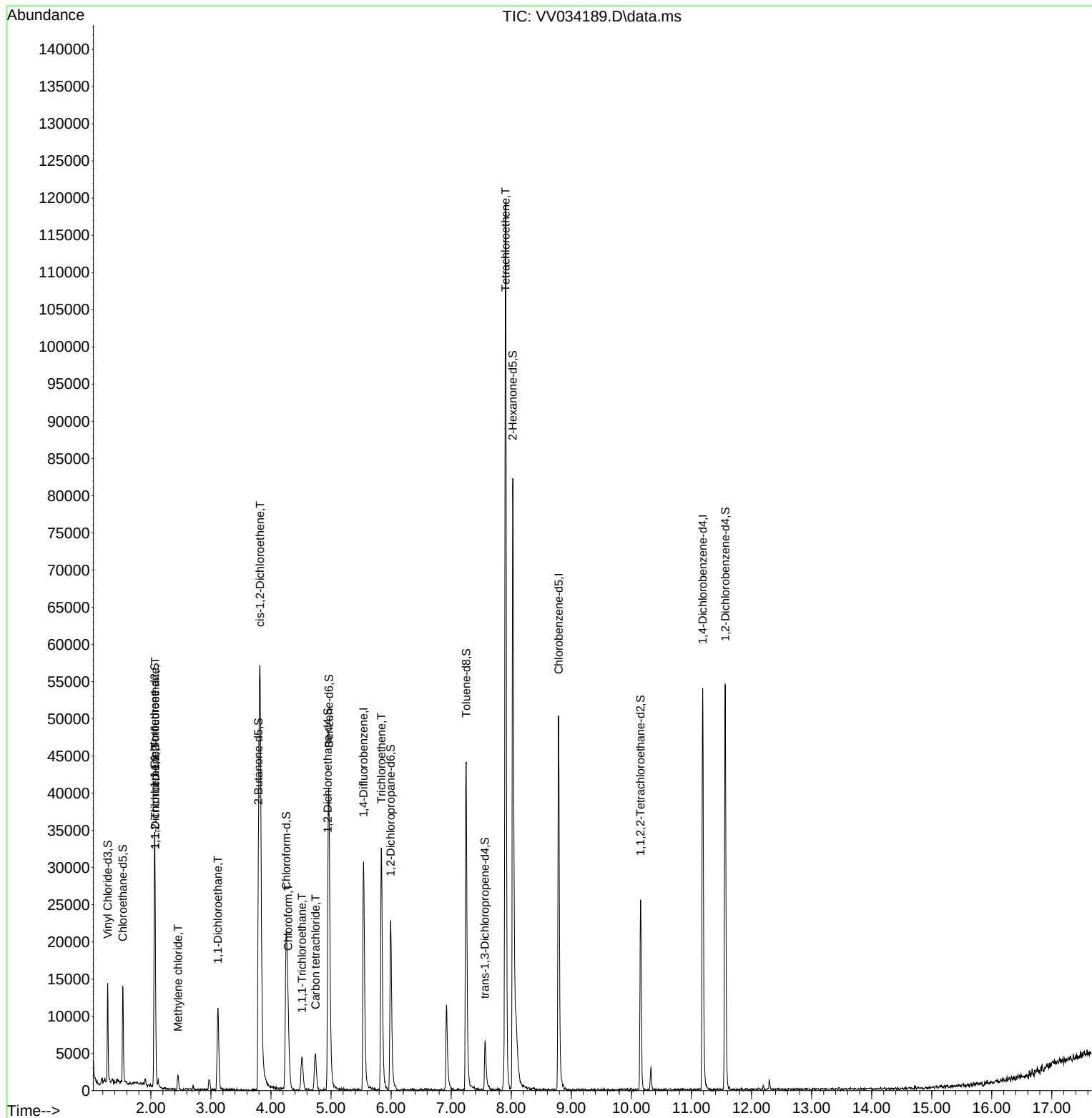
Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	29907	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	28195	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	15000	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	8501	3.670	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	73.400%
7) Chloroethane-d5	1.532	69	7965	3.926	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	78.600%
11) 1,1-Dichloroethene-d2	2.063	65	4627	4.142	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	82.800%
20) 2-Butanone-d5	3.789	46	40050	102.955	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	205.920%#
24) Chloroform-d	4.252	84	20199	4.799	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.000%
26) 1,2-Dichloroethane-d4	4.947	65	13741	6.986	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	139.800%#
32) Benzene-d6	4.963	84	35132	4.153	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.000%
36) 1,2-Dichloropropane-d6	5.992	67	10778	4.558	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.200%
41) Toluene-d8	7.249	98	31741	4.083	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.600%
43) trans-1,3-Dichloroprop...	7.561	79	4767	5.339	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	106.800%
46) 2-Hexanone-d5	8.024	63	28938	90.789	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	181.580%#
56) 1,1,2,2-Tetrachloroeth...	10.152	84	11589	8.084	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	161.600%#
66) 1,2-Dichlorobenzene-d4	11.564	152	13940	5.110	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.200%
Target Compounds						
10) 1,1,2-Trichloro-1,2,2-...	2.072	101	2612	1.214	ug/L	97
12) 1,1-Dichloroethene	2.072	96	1343	0.643	ug/L #	1
16) Methylene chloride	2.455	84	814	0.406	ug/L	79
19) 1,1-Dichloroethane	3.117	63	11695	2.991	ug/L	96
22) cis-1,2-Dichloroethene	3.818	96	26718	11.066	ug/L	98
25) Chloroform	4.285	83	8957	2.266	ug/L	92
29) 1,1,1-Trichloroethane	4.516	97	4243	1.121	ug/L	97
31) Carbon tetrachloride	4.741	117	4031	1.217	ug/L	97
34) Trichloroethene	5.838	95	12083	4.937	ug/L	96
47) Tetrachloroethene	7.905	164	25827	12.987	ug/L	98

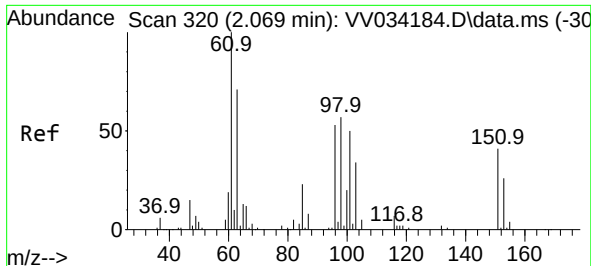
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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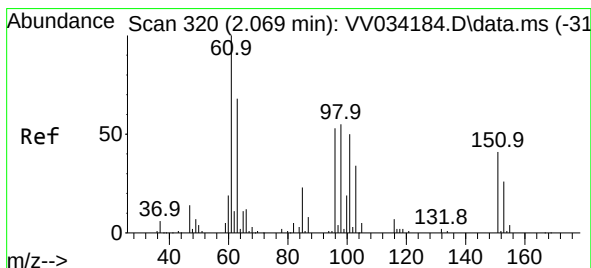
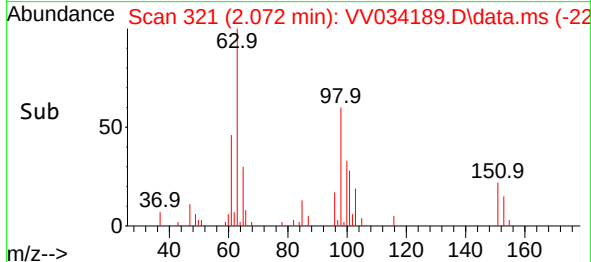
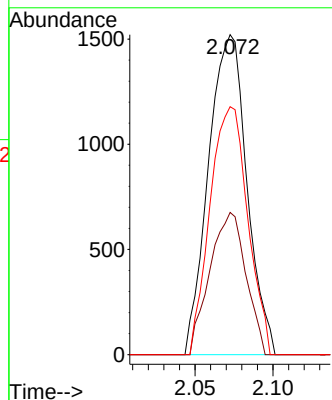
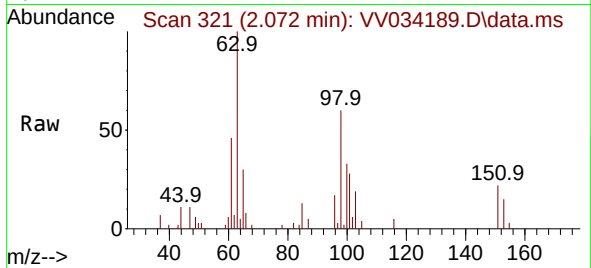




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 1.214 ug/L
 RT: 2.072 min Scan# 31
 Delta R.T. 0.003 min
 Lab File: VV034189.D
 Acq: 15 Feb 2024 15:06

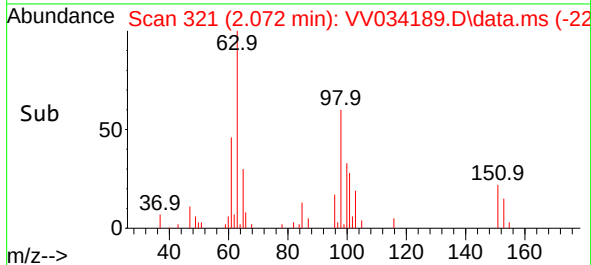
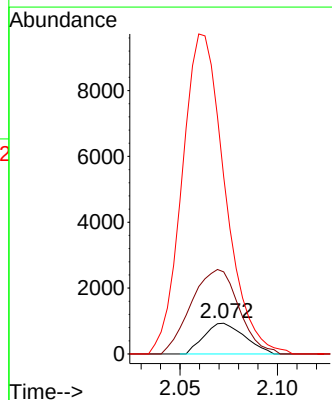
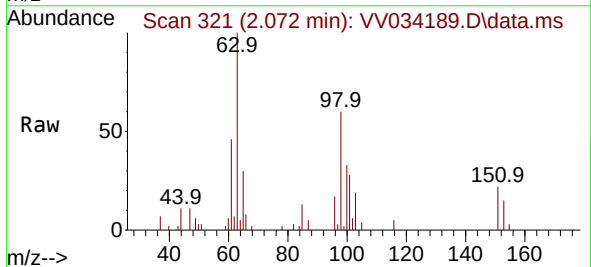
Instrument :
 MSVOA_V
 ClientSampleId :
 C0AC4

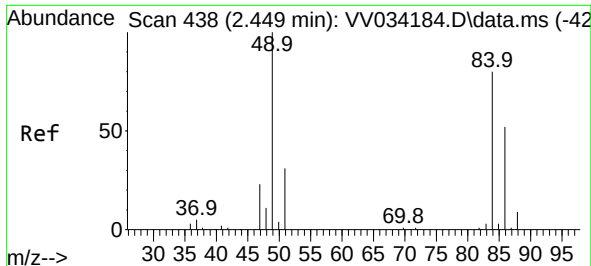
Tgt Ion:101 Resp: 2612
 Ion Ratio Lower Upper
 101 100
 85 41.7 37.1 55.7
 151 76.0 61.7 92.5



#12
 1,1-Dichloroethene
 Concen: 0.643 ug/L
 RT: 2.072 min Scan# 321
 Delta R.T. 0.003 min
 Lab File: VV034189.D
 Acq: 15 Feb 2024 15:06

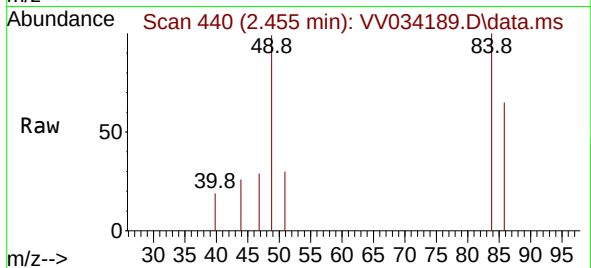
Tgt Ion: 96 Resp: 1343
 Ion Ratio Lower Upper
 96 100
 61 268.0 128.8 239.2#
 63 577.1 97.9 181.9#





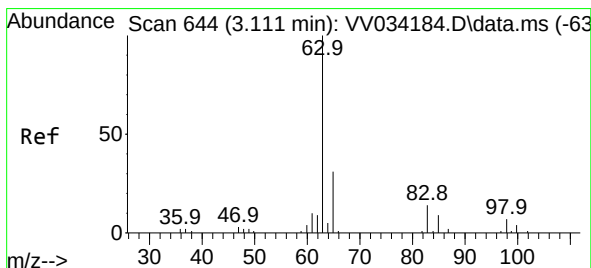
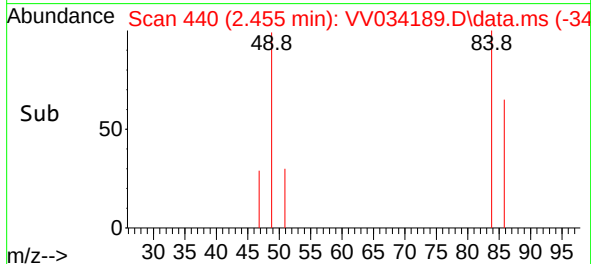
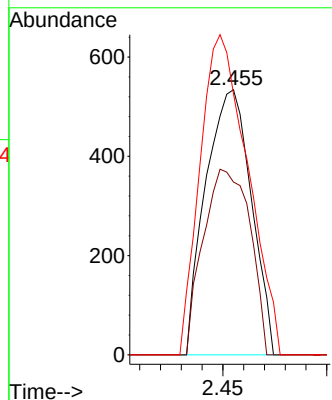
#16
Methylene chloride
Concen: 0.406 ug/L
RT: 2.455 min Scan# 440
Delta R.T. 0.006 min
Lab File: VV034189.D
Acq: 15 Feb 2024 15:06

Instrument :
MSVOA_V
ClientSampleId :
C0AC4



Tgt Ion: 84 Resp: 814

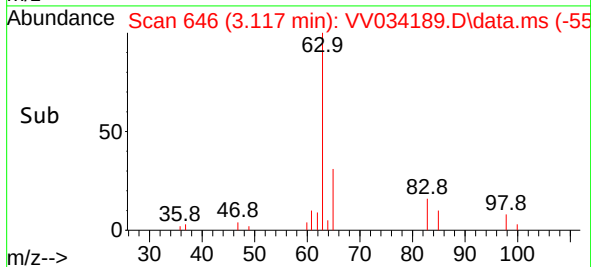
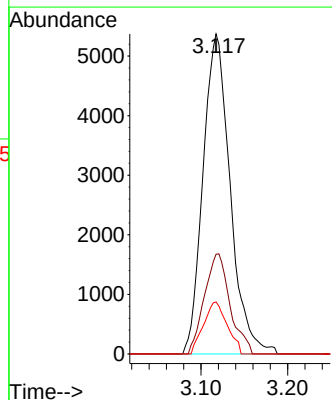
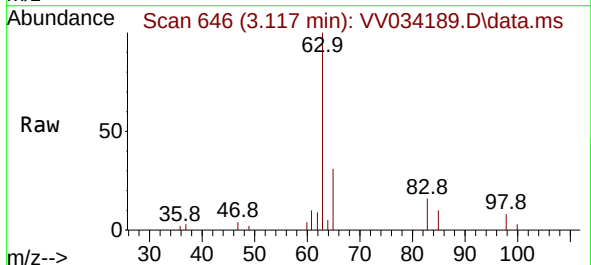
Ion	Ratio	Lower	Upper
84	100		
86	65.2	44.7	83.1
49	98.5	93.7	173.9

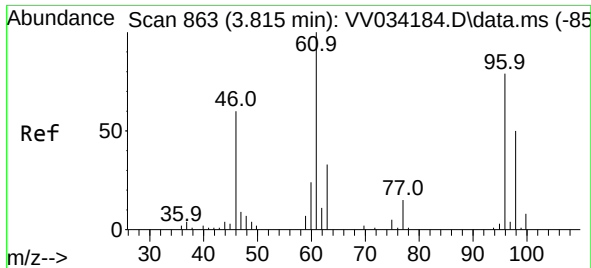


#19
1,1-Dichloroethane
Concen: 2.991 ug/L
RT: 3.117 min Scan# 646
Delta R.T. 0.006 min
Lab File: VV034189.D
Acq: 15 Feb 2024 15:06

Tgt Ion: 63 Resp: 11695

Ion	Ratio	Lower	Upper
63	100		
65	31.2	20.8	38.6
83	16.3	9.4	17.4

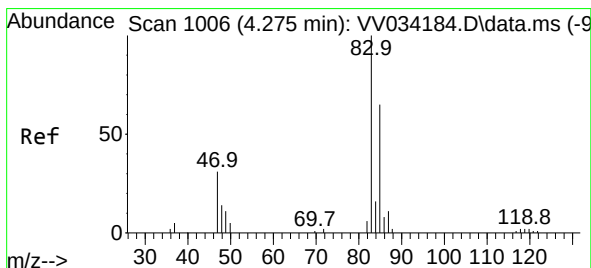
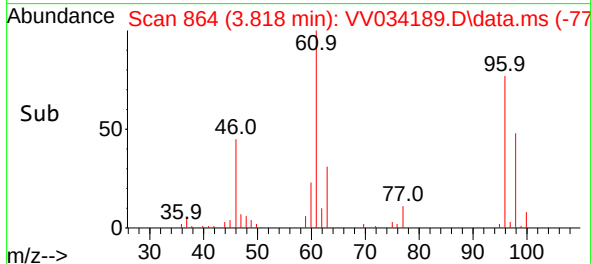
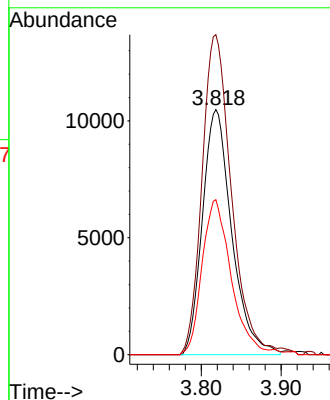
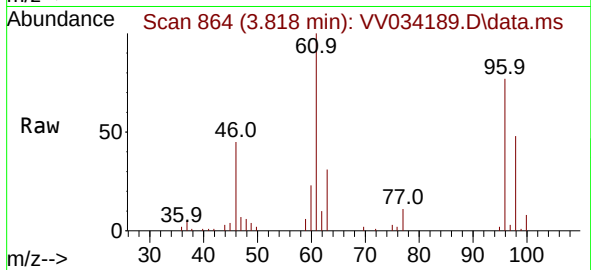




#22
cis-1,2-Dichloroethene
Concen: 11.066 ug/L
RT: 3.818 min Scan# 80
Delta R.T. 0.003 min
Lab File: VV034189.D
Acq: 15 Feb 2024 15:06

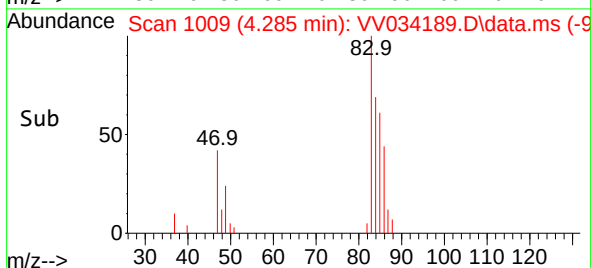
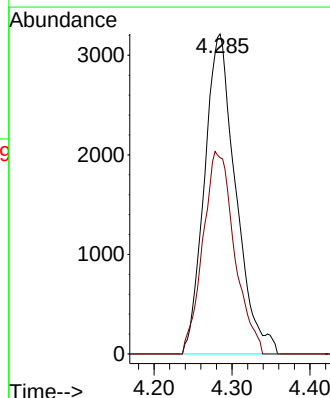
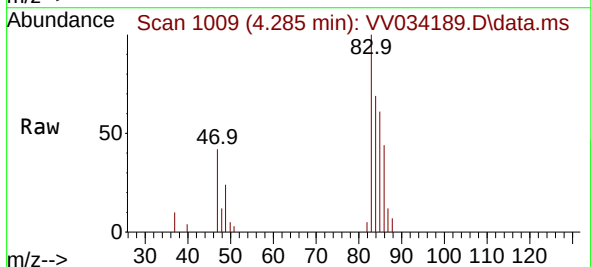
Instrument :
MSVOA_V
ClientSampleId :
C0AC4

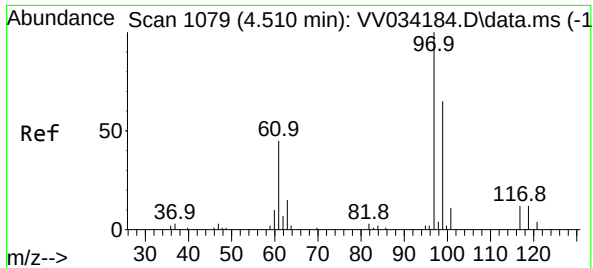
Tgt Ion: 96 Resp: 26718
Ion Ratio Lower Upper
96 100
61 130.6 90.3 167.7
98 63.3 43.2 80.2



#25
Chloroform
Concen: 2.266 ug/L
RT: 4.285 min Scan# 1009
Delta R.T. 0.010 min
Lab File: VV034189.D
Acq: 15 Feb 2024 15:06

Tgt Ion: 83 Resp: 8957
Ion Ratio Lower Upper
83 100
85 61.4 47.5 88.1

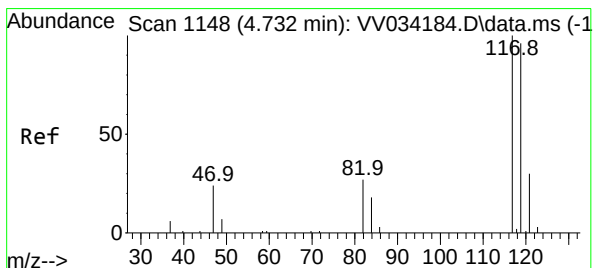
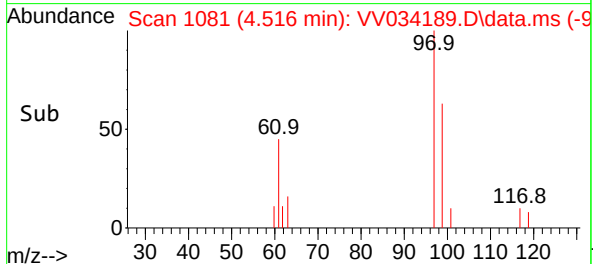
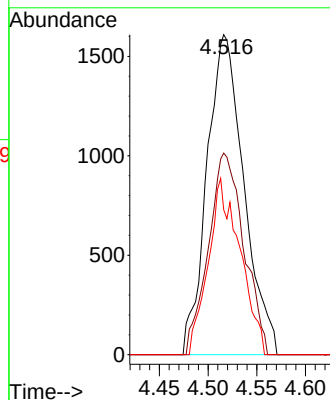
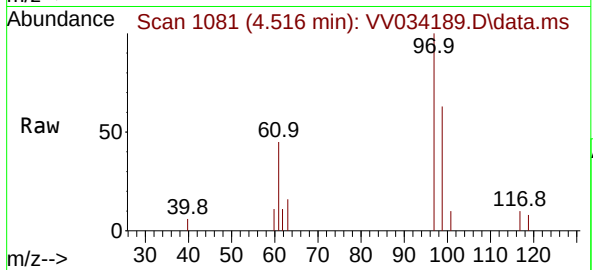




#29
1,1,1-Trichloroethane
Concen: 1.121 ug/L
RT: 4.516 min Scan# 1105
Delta R.T. 0.006 min
Lab File: VV034189.D
Acq: 15 Feb 2024 15:06

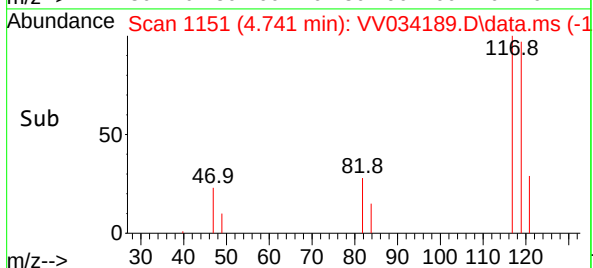
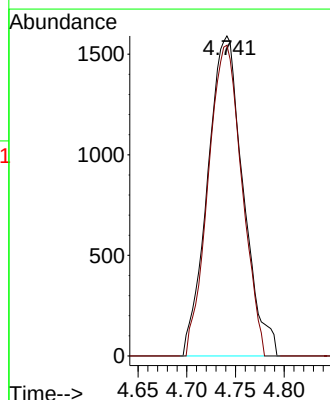
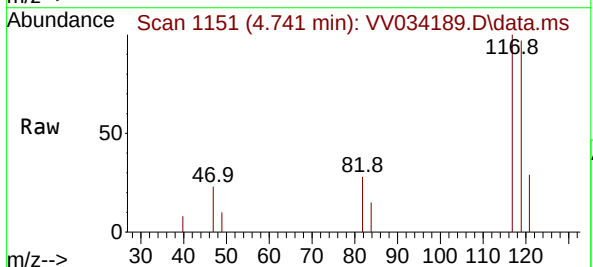
Instrument :
MSVOA_V
ClientSampleId :
C0AC4

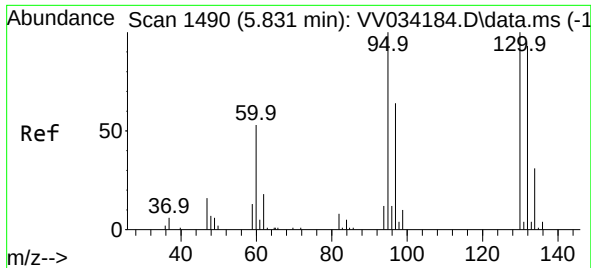
Tgt Ion:	97	Resp:	4243
Ion	Ratio	Lower	Upper
97	100		
99	60.5	50.6	75.8
61	47.3	36.8	55.2



#31
Carbon tetrachloride
Concen: 1.217 ug/L
RT: 4.741 min Scan# 1151
Delta R.T. 0.010 min
Lab File: VV034189.D
Acq: 15 Feb 2024 15:06

Tgt Ion:	117	Resp:	4031
Ion	Ratio	Lower	Upper
117	100		
119	92.1	76.1	114.1

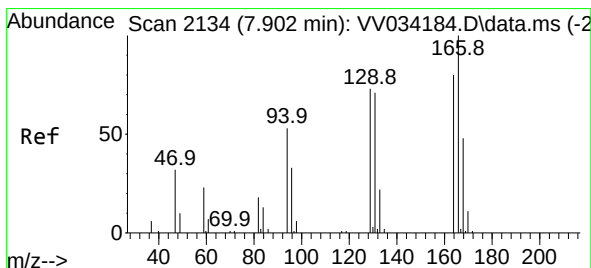
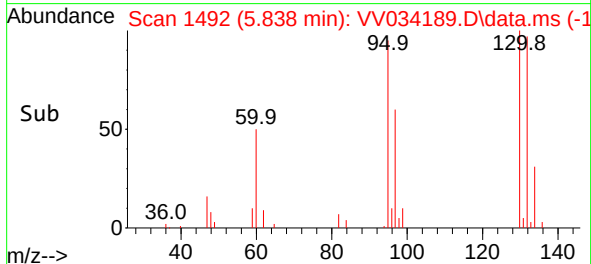
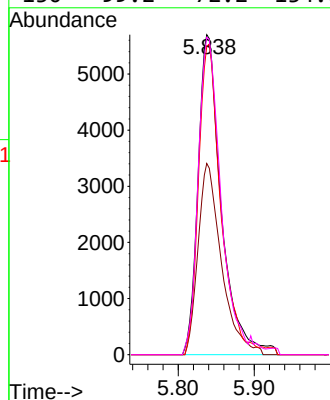
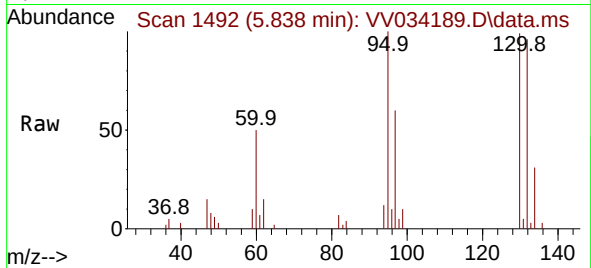




#34
Trichloroethene
Concen: 4.937 ug/L
RT: 5.838 min Scan# 1492
Delta R.T. 0.006 min
Lab File: VV034189.D
Acq: 15 Feb 2024 15:06

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Tgt Ion:	95	Resp:	12083
Ion	Ratio	Lower	Upper
95	100		
97	59.7	45.1	83.7
132	96.4	66.0	122.6
130	99.2	72.2	134.0



#47
Tetrachloroethene
Concen: 12.987 ug/L
RT: 7.905 min Scan# 2135
Delta R.T. 0.003 min
Lab File: VV034189.D
Acq: 15 Feb 2024 15:06

Tgt Ion:	164	Resp:	25827
Ion	Ratio	Lower	Upper
164	100		
129	93.6	67.8	125.8
131	88.9	63.0	117.0
166	131.5	92.6	172.0

