

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 :

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						
					Qvalue	
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
15) Methyl Acetate	2.121	43	617	0.883	ug/L #	53
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
35) Methylcyclohexane	5.995	83	2828	0.736	ug/L #	17
37) 1,2-Dichloropropane	6.002	63	1536	0.750	ug/L #	87
44) trans-1,3-Dichloropropene	7.561	75	224	0.094	ug/L #	43
47) Tetrachloroethene	7.905	164	25827	12.987	ug/L	98
48) 2-Hexanone	8.088	43	4856	7.023	ug/L #	91
49) Dibromochloromethane	7.905	129	23808	15.839	ug/L #	11
61) 1,2,3-Trichloropropane	11.185	75	1907	1.849	ug/L #	63

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Feb 16 00:40:49 2024
Response via : Initial Calibration

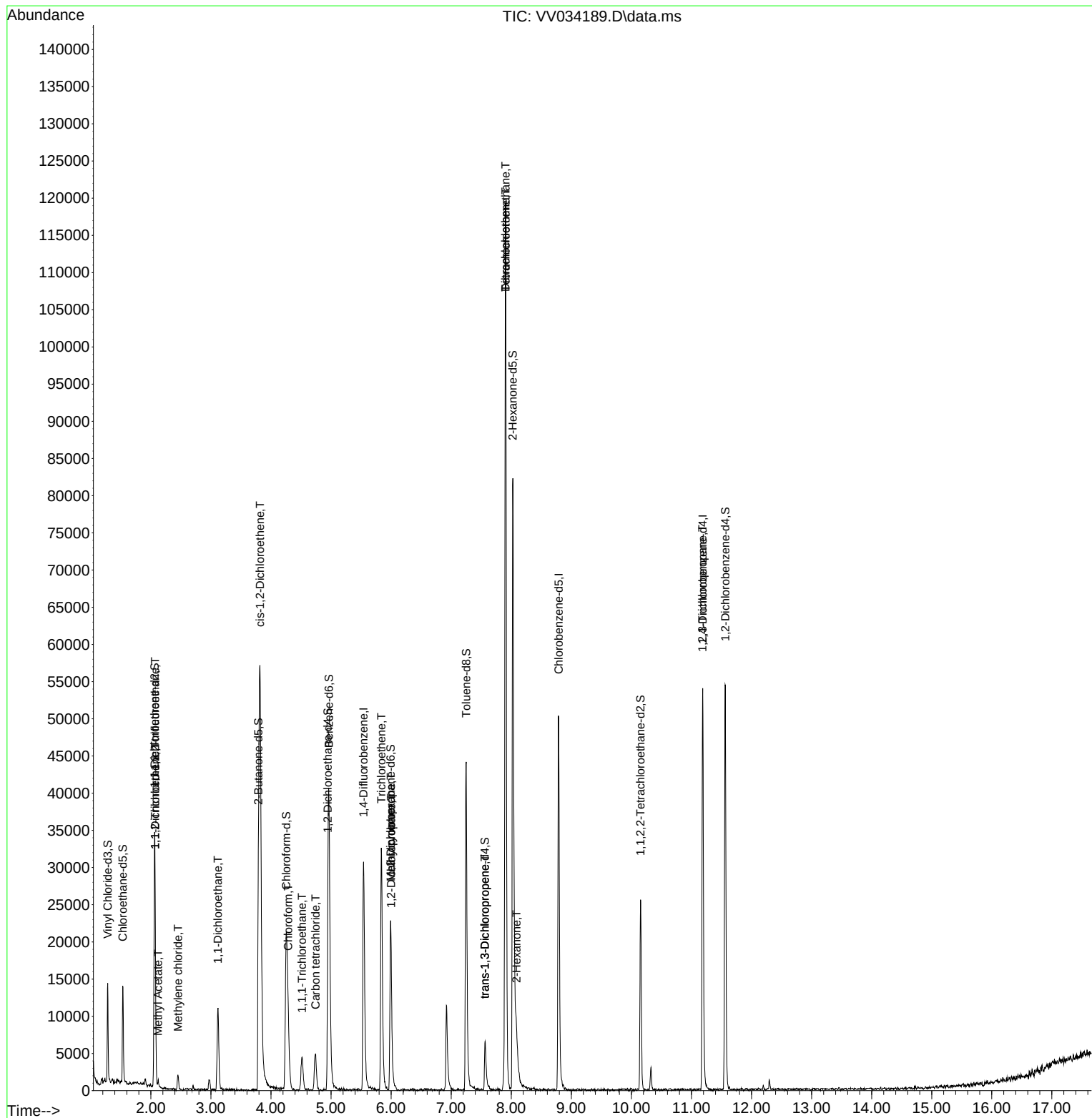
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

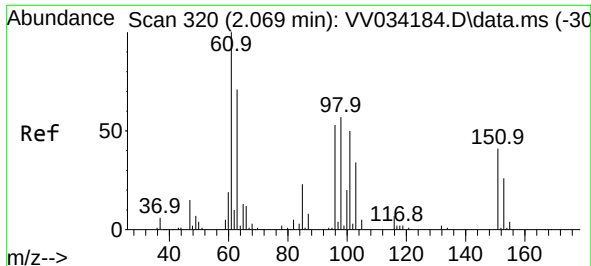
(#) = qualifier out of range (m) = manual integration (+) = signals summed						

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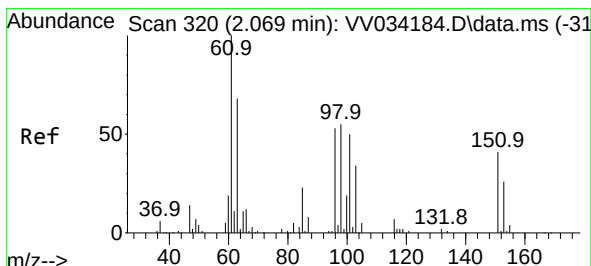
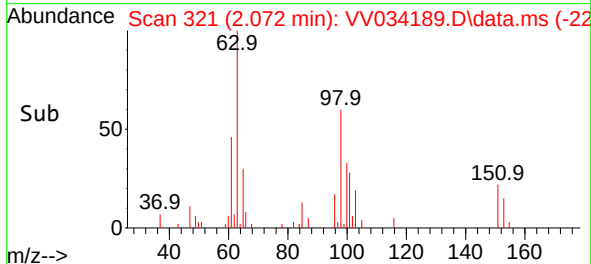
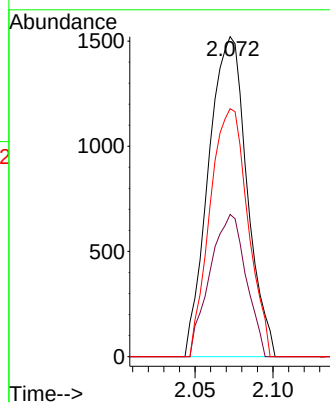
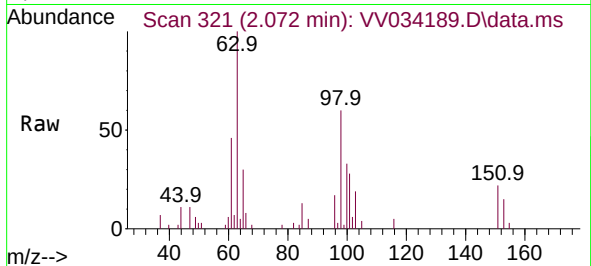




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 1.214 ug/L
 RT: 2.072 min Scan# 321
 Delta R.T. 0.003 min
 Lab File: VV034189.D
 Acq: 15 Feb 2024 15:06

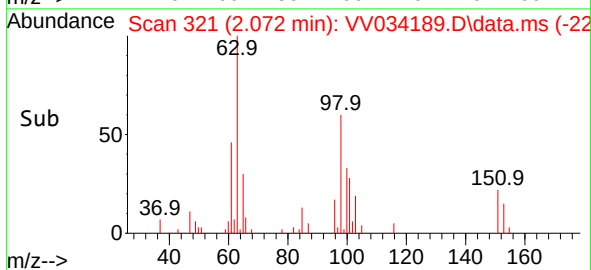
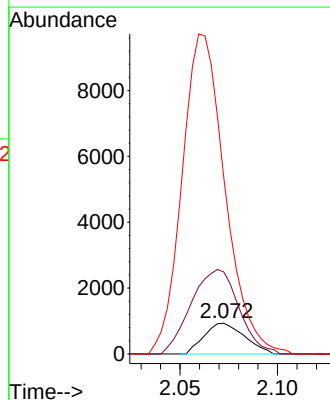
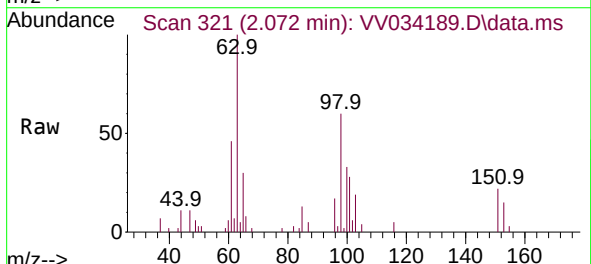
Instrument :
 MSVOA_V
 ClientSampleId :

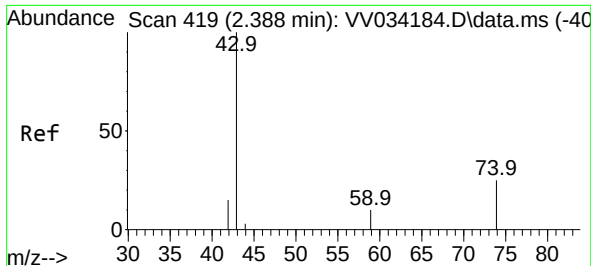
Tgt Ion:101 Resp: 2612
 Ion Ratio Lower Upper
 101 100
 85 41.7 37.1 55.7
 151 76.0 61.7 92.5



#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#

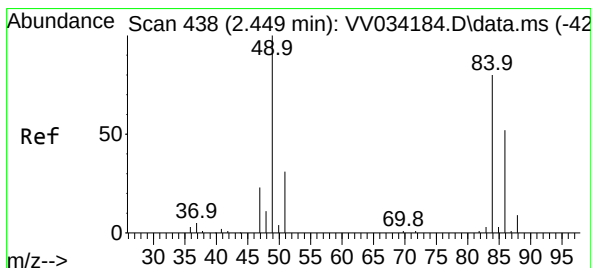
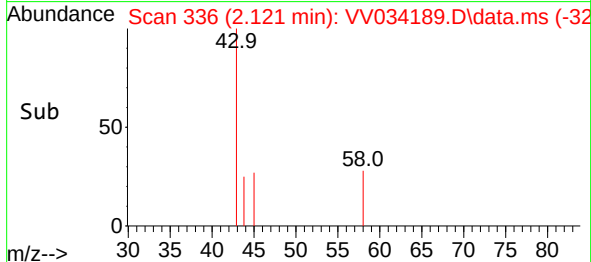
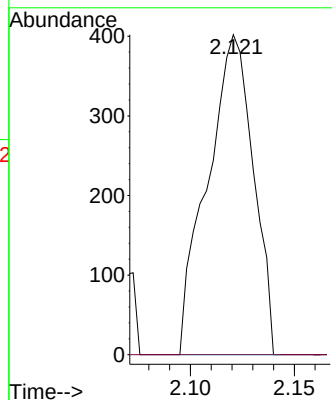
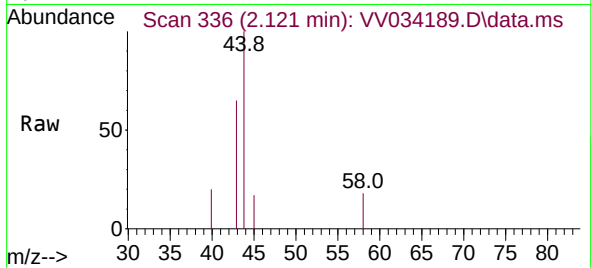




#15
Methyl Acetate
Concen: 0.883 ug/L
RT: 2.121 min Scan# 31
Delta R.T. -0.267 min
Lab File: VV034189.D
Acq: 15 Feb 2024 15:06

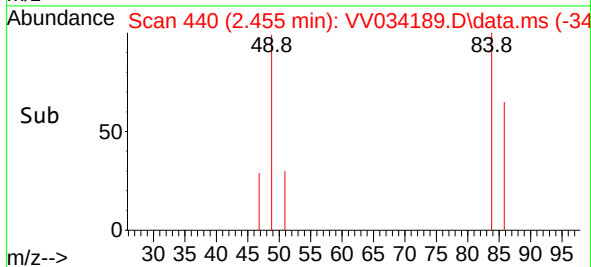
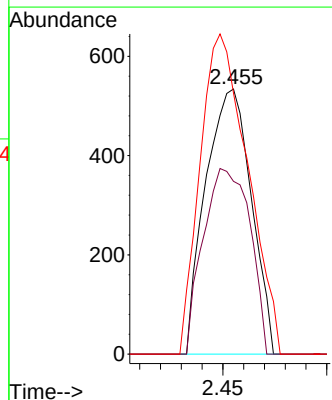
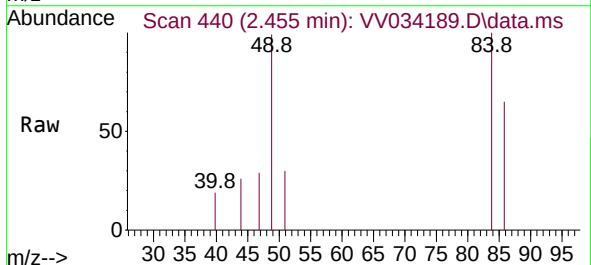
Instrument :
MSVOA_V
ClientSampleId :

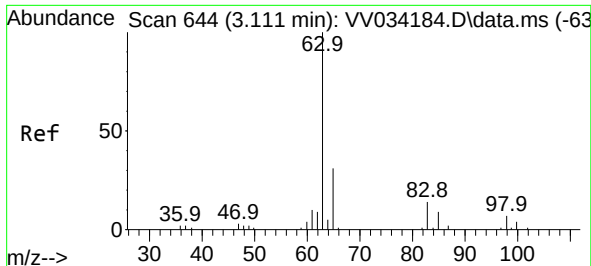
Tgt Ion: 43 Resp: 617
Ion Ratio Lower Upper
43 100
74 0.0 18.2 27.4#



#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

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# 64

Delta R.T. 0.006 min

Lab File: VV034189.D

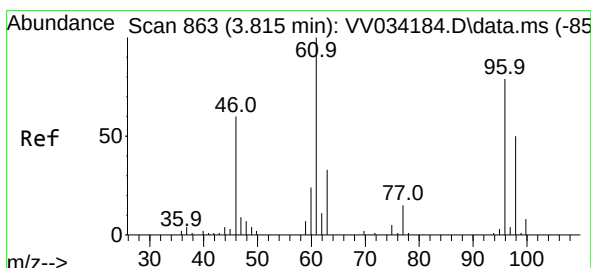
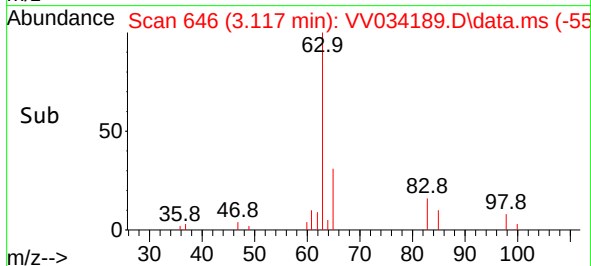
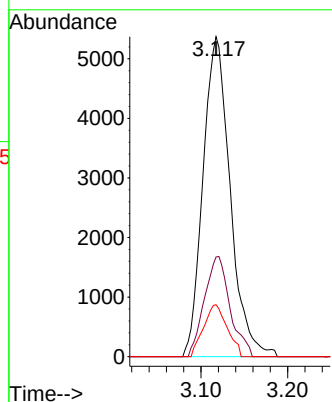
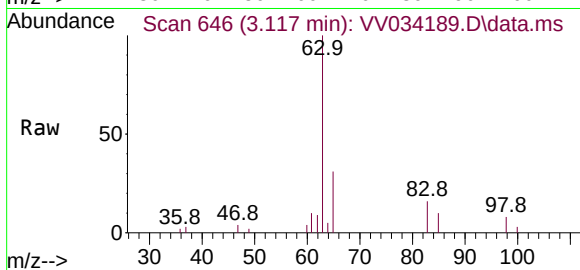
Acq: 15 Feb 2024 15:06

Instrument :

MSVOA_V

ClientSampleId :

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

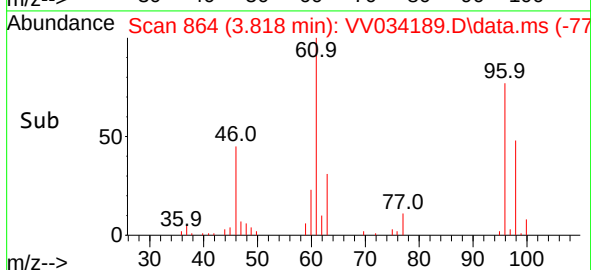
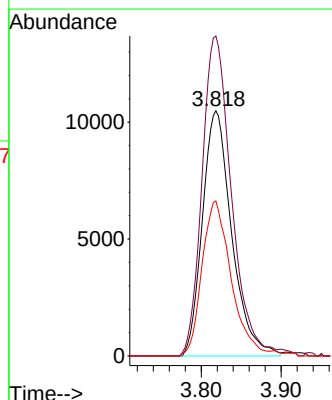
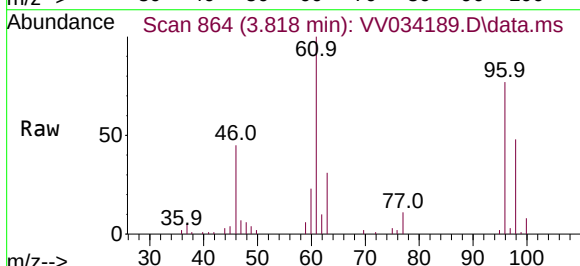
RT: 3.818 min Scan# 864

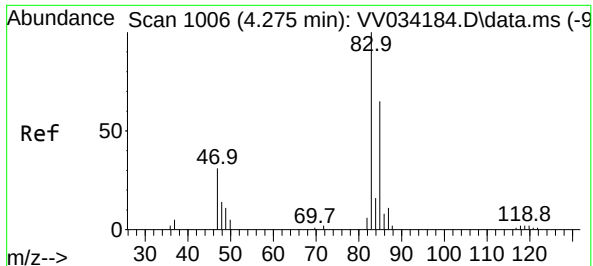
Delta R.T. 0.003 min

Lab File: VV034189.D

Acq: 15 Feb 2024 15:06

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# 1006

Delta R.T. 0.010 min

Lab File: VV034189.D

Acq: 15 Feb 2024 15:06

Instrument :

MSVOA_V

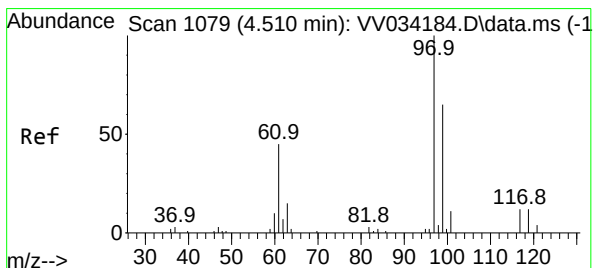
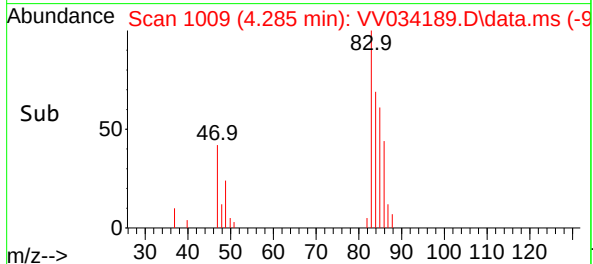
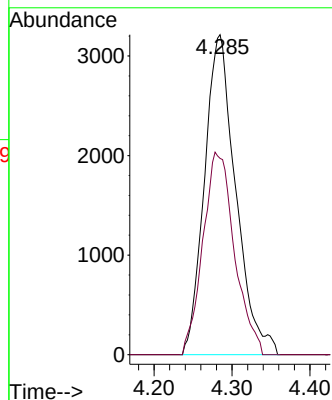
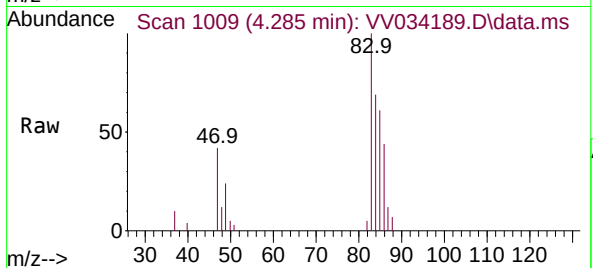
ClientSampleId :

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# 1081

Delta R.T. 0.006 min

Lab File: VV034189.D

Acq: 15 Feb 2024 15:06

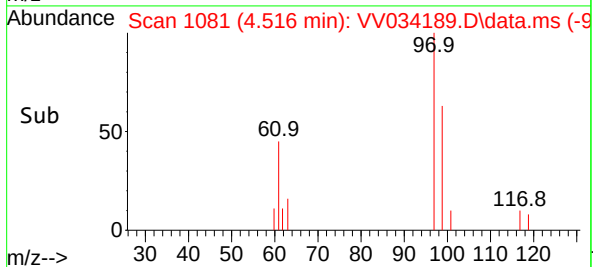
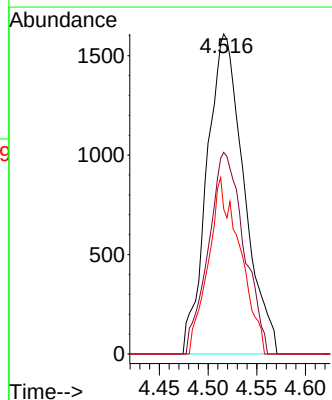
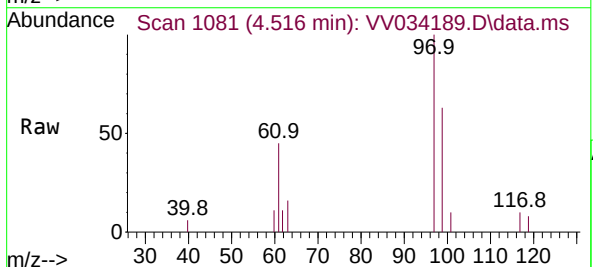
Tgt Ion: 97 Resp: 4243

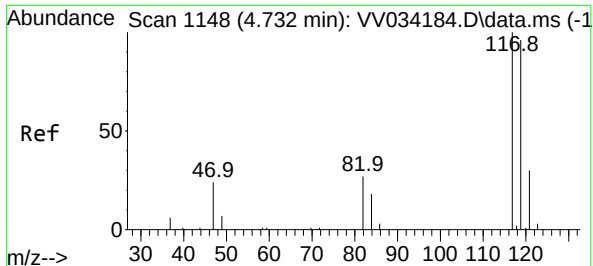
Ion Ratio Lower Upper

97 100

99 60.5 50.6 75.8

61 47.3 36.8 55.2

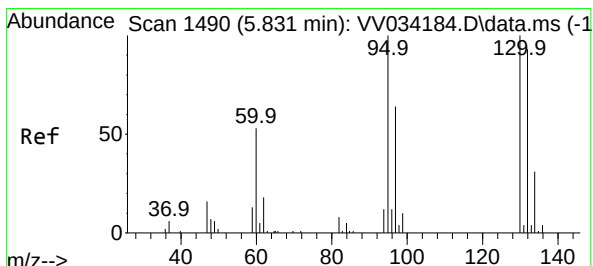
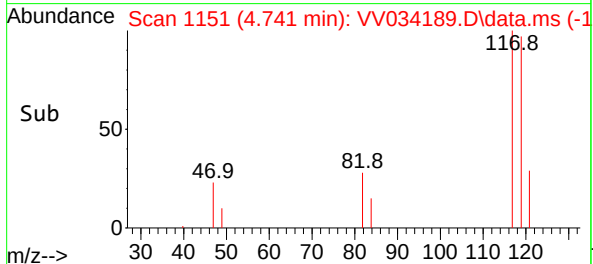
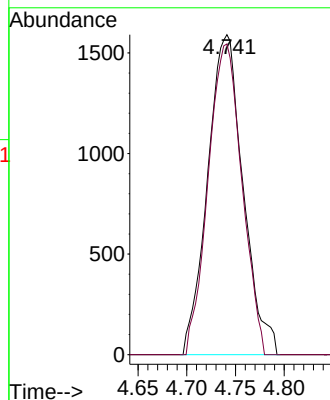
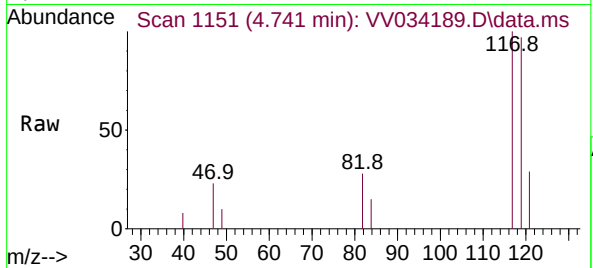




#31
Carbon tetrachloride
Concen: 1.217 ug/L
RT: 4.741 min Scan# 1148
Delta R.T. 0.010 min
Lab File: VV034189.D
Acq: 15 Feb 2024 15:06

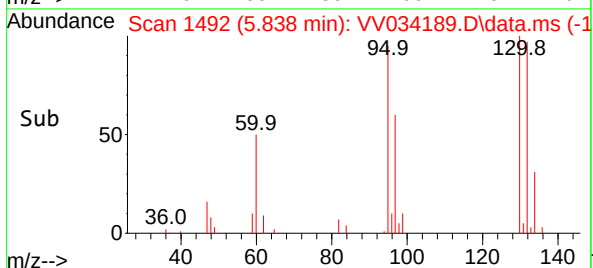
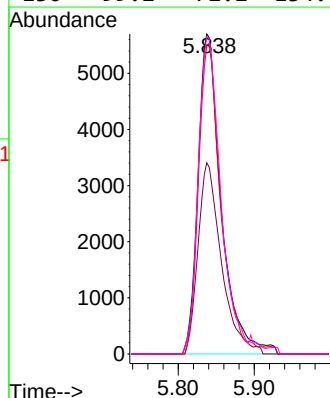
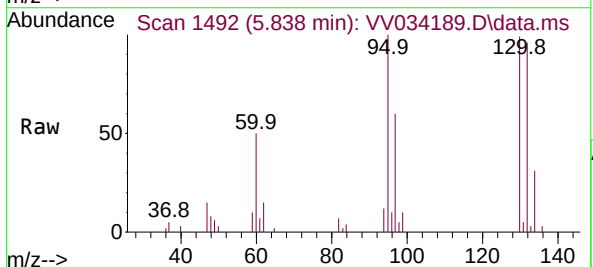
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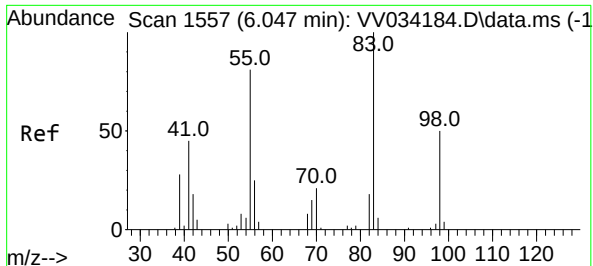
Tgt Ion:117 Resp: 4031
Ion Ratio Lower Upper
117 100
119 92.1 76.1 114.1



#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

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





#35

Methylcyclohexane

Concen: 0.736 ug/L

RT: 5.995 min Scan# 1541

Delta R.T. -0.052 min

Lab File: VV034189.D

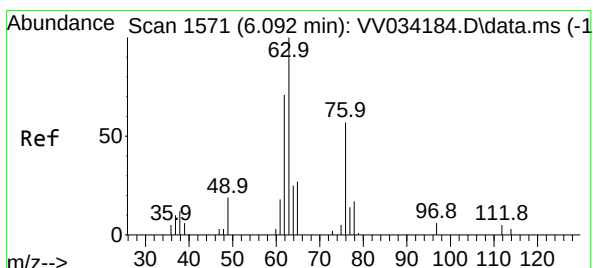
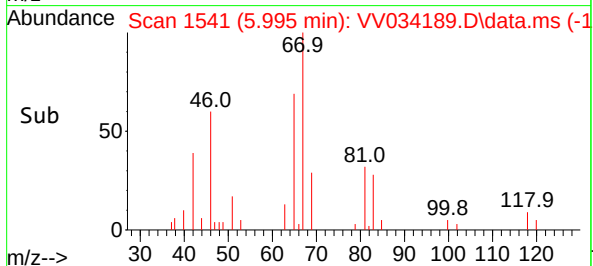
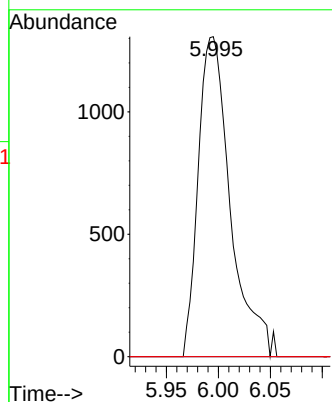
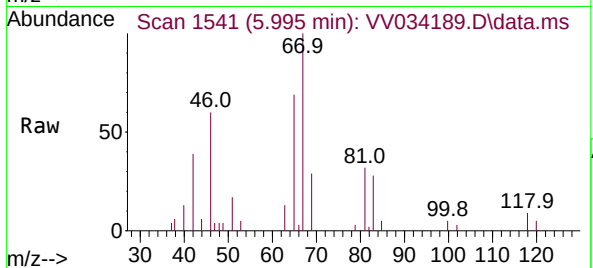
Acq: 15 Feb 2024 15:06

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	83	Resp:	2828
Ion	Ratio	Lower	Upper
83	100		
55	0.0	63.5	95.3#
98	0.0	39.0	58.4#



#37

1,2-Dichloropropane

Concen: 0.750 ug/L

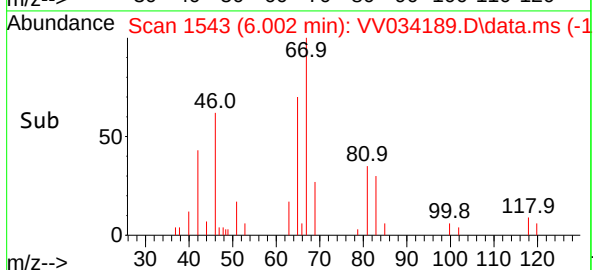
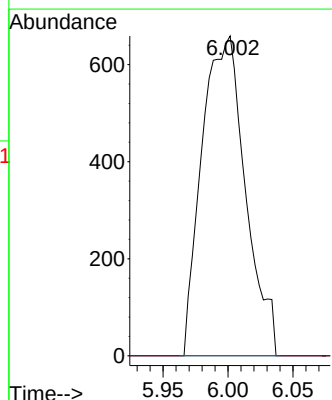
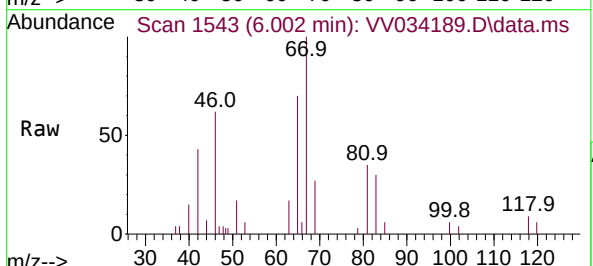
RT: 6.002 min Scan# 1543

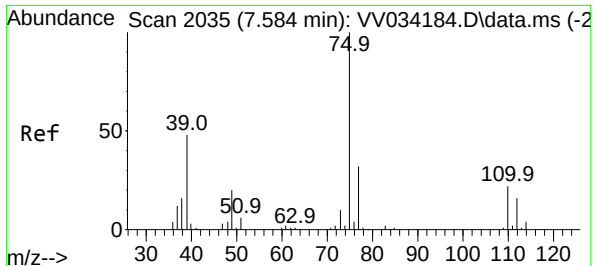
Delta R.T. -0.090 min

Lab File: VV034189.D

Acq: 15 Feb 2024 15:06

Tgt Ion:	63	Resp:	1536
Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.4	5.0#

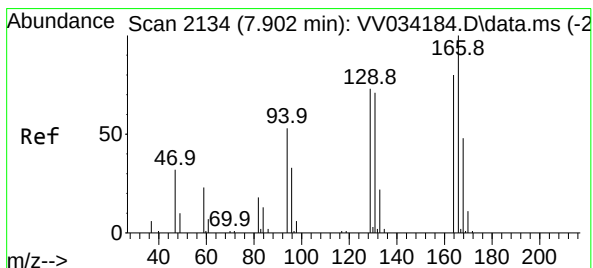
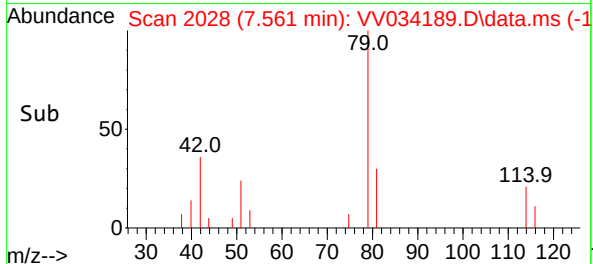
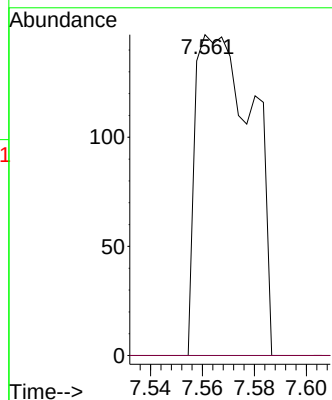
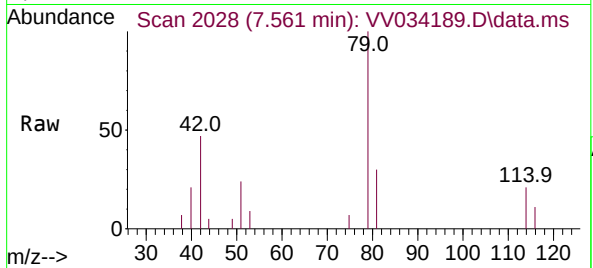




#44
trans-1,3-Dichloropropene
Concen: 0.094 ug/L
RT: 7.561 min Scan# 2035
Delta R.T. -0.023 min
Lab File: VV034189.D
Acq: 15 Feb 2024 15:06

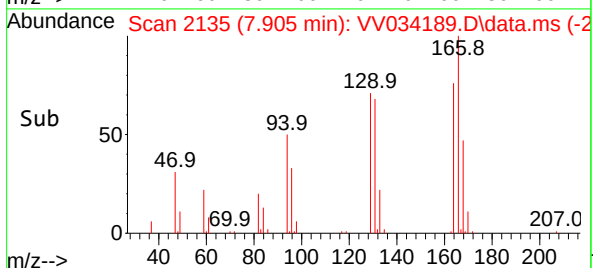
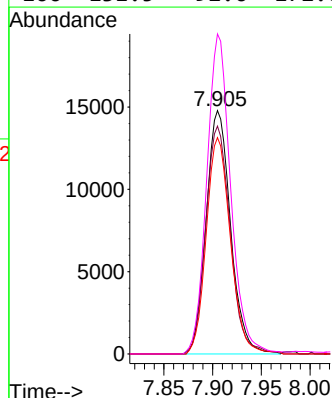
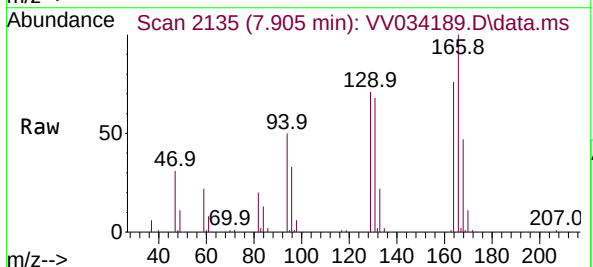
Instrument :
MSVOA_V
ClientSampleId :

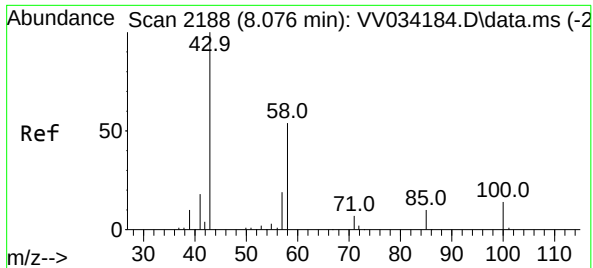
Tgt Ion: 75 Resp: 224
Ion Ratio Lower Upper
75 100
77 0.0 22.2 41.2#



#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

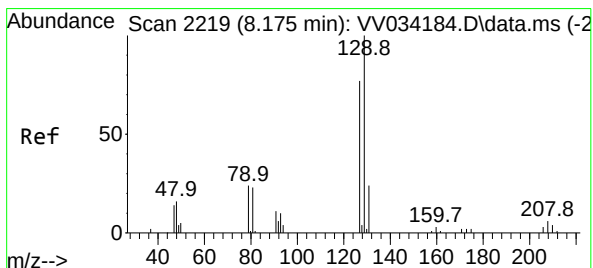
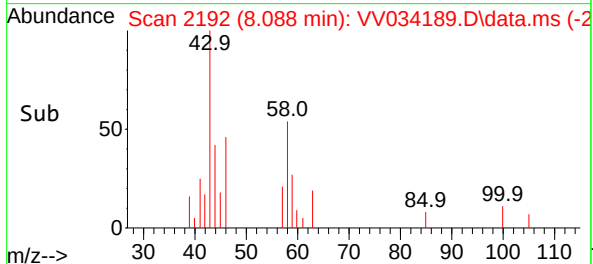
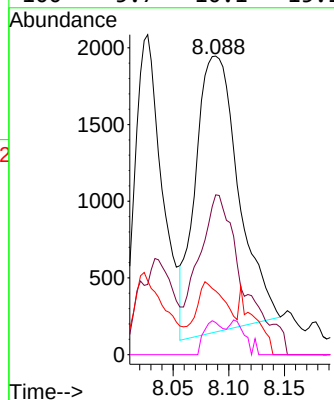
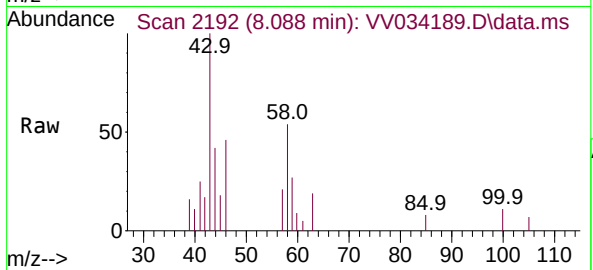




#48
2-Hexanone
Concen: 7.023 ug/L
RT: 8.088 min Scan# 2188
Delta R.T. 0.013 min
Lab File: VV034189.D
Acq: 15 Feb 2024 15:06

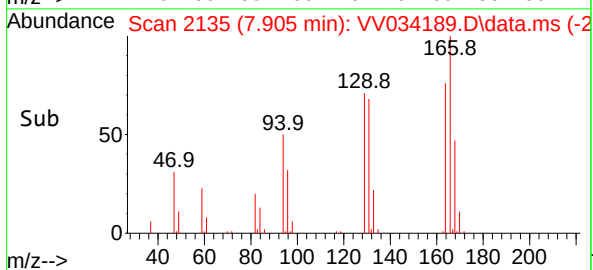
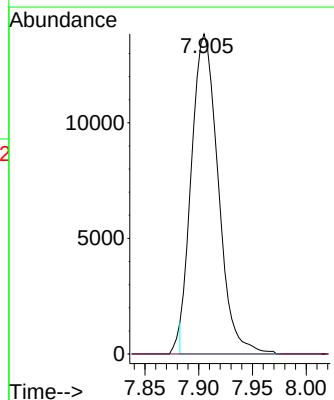
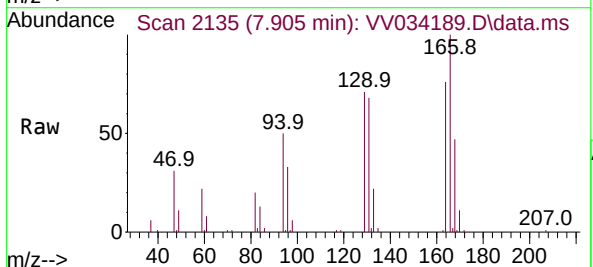
Instrument :
MSVOA_V
ClientSampleId :

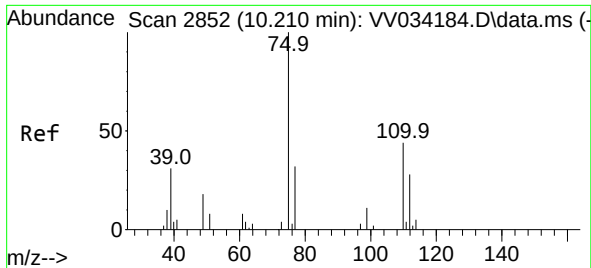
Tgt Ion:	43	Resp:	4856
Ion	Ratio	Lower	Upper
43	100		
58	59.9	42.6	64.0
57	20.0	15.5	23.3
100	5.7	10.1	15.1



#49
Dibromochloromethane
Concen: 15.839 ug/L
RT: 7.905 min Scan# 2135
Delta R.T. -0.270 min
Lab File: VV034189.D
Acq: 15 Feb 2024 15:06

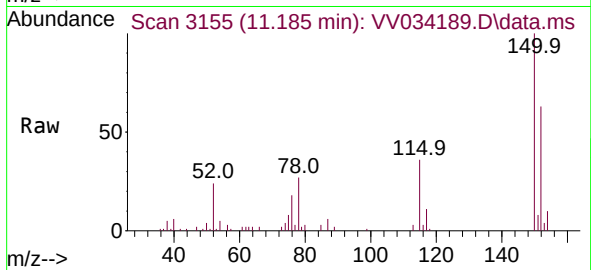
Tgt Ion:	129	Resp:	23808
Ion	Ratio	Lower	Upper
129	100		
127	0.0	53.5	99.5





#61
 1,2,3-Trichloropropane
 Concen: 1.849 ug/L
 RT: 11.185 min Scan# 3155
 Delta R.T. 0.974 min
 Lab File: VV034189.D
 Acq: 15 Feb 2024 15:06

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion:	75	Resp:	1907
Ion	Ratio	Lower	Upper
75	100		
77	34.0	26.9	40.3
110	0.0	33.3	49.9#

