

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV041124\
 Data File : VV035148.D
 Acq On : 12 Apr 2024 01:42
 Operator : SY/MD
 Sample : P2057-05
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 12 02:08:18 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR040224WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Apr 12 02:02:37 2024
 Response via : Initial Calibration

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

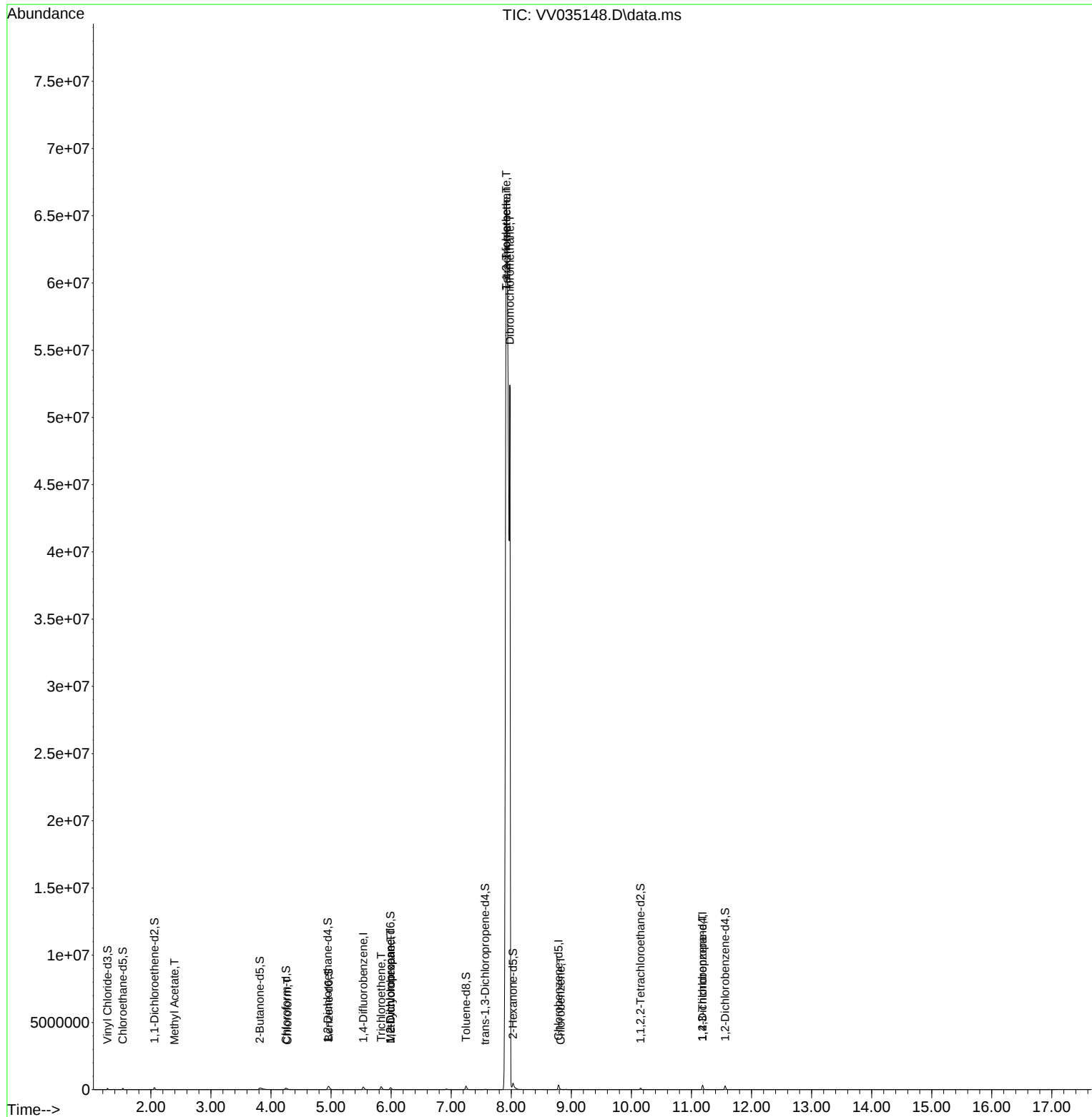
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	177453	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	185986	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	85210	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	56141	3.839	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	76.800%
7) Chloroethane-d5	1.532	69	55090	4.569	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.400%
11) 1,1-Dichloroethene-d2	2.060	65	25987	3.912	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.200%
20) 2-Butanone-d5	3.815	46	152897	66.819	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	133.640%#
24) Chloroform-d	4.249	84	117936	4.984	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.600%
26) 1,2-Dichloroethane-d4	4.944	65	61424	5.748	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	115.000%
32) Benzene-d6	4.960	84	227569	4.677	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.600%
36) 1,2-Dichloropropane-d6	5.989	67	76257	5.340	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.800%
41) Toluene-d8	7.246	98	187749	4.248	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.000%
43) trans-1,3-Dichloroprop...	7.564	79	19512	3.847	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.000%
46) 2-Hexanone-d5	8.030	63	125516	72.097	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	144.200%#
56) 1,1,2,2-Tetrachloroeth...	10.153	84	57844	5.806	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	116.200%
66) 1,2-Dichlorobenzene-d4	11.561	152	70369	5.243	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.800%
Target Compounds						
					Qvalue	
15) Methyl Acetate	2.391	43	1744	0.379	ug/L #	52
25) Chloroform	4.275	83	10395	0.397	ug/L	95
34) Trichloroethene	5.834	95	81844	5.517	ug/L	97
35) Methylcyclohexane	5.992	83	17783	0.787	ug/L #	19
37) 1,2-Dichloropropane	5.989	63	8040	0.545	ug/L #	87
45) 1,1,2-Trichloroethane	7.918	97	323546	33.353	ug/L #	21
47) Tetrachloroethene	7.918	164	27450155	2462.743	ug/L	88
49) Dibromochloromethane	7.979	129	5932359	519.563	ug/L #	9
51) Chlorobenzene	8.821	112	9749	0.252	ug/L	97
61) 1,2,3-Trichloropropane	11.185	75	10921	1.373	ug/L #	67

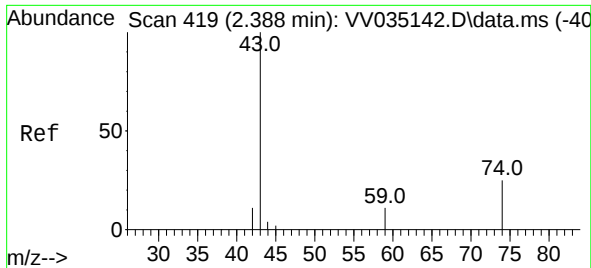
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#15

Methyl Acetate

Concen: 0.379 ug/L

RT: 2.391 min Scan# 41

Delta R.T. 0.003 min

Lab File: VV035148.D

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Instrument :

MSVOA_V

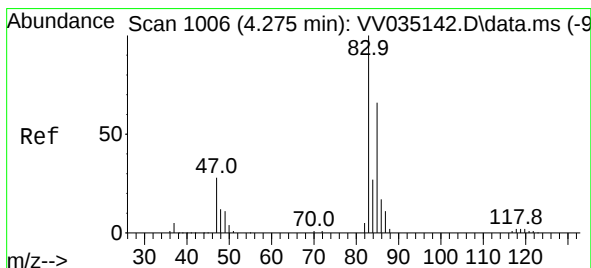
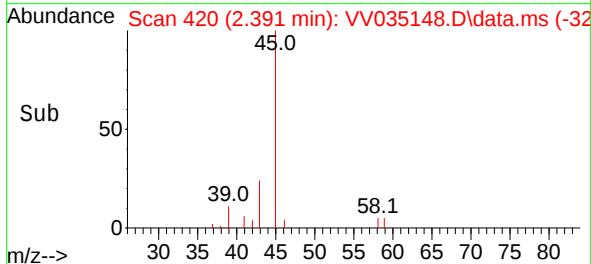
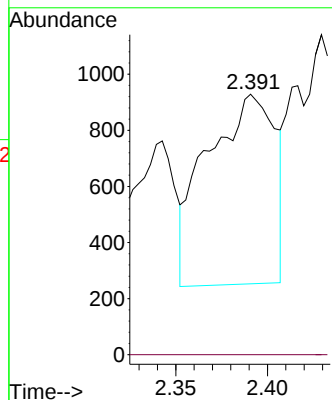
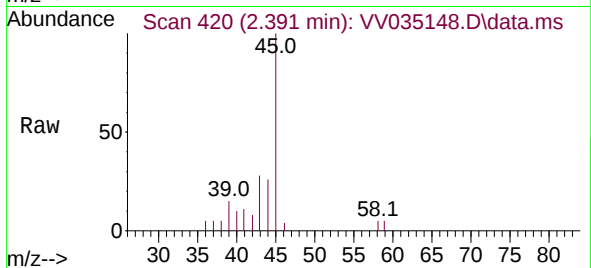
ClientSampleId :

Tgt Ion: 43 Resp: 1744

Ion Ratio Lower Upper

43 100

74 0.0 18.5 27.7#



#25

Chloroform

Concen: 0.397 ug/L

RT: 4.275 min Scan# 1006

Delta R.T. 0.000 min

Lab File: VV035148.D

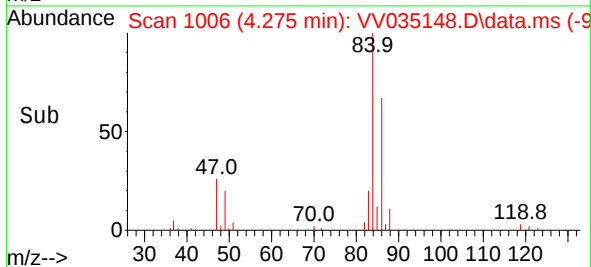
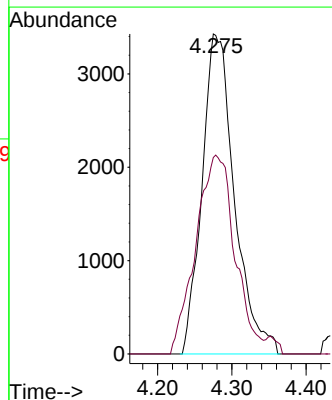
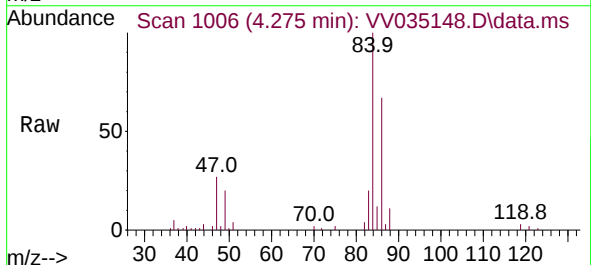
Acq: 12 Apr 2024 01:42

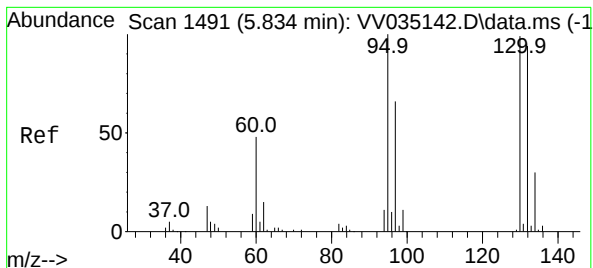
Tgt Ion: 83 Resp: 10395

Ion Ratio Lower Upper

83 100

85 61.4 45.5 84.5





#34

Trichloroethene

Concen: 5.517 ug/L

RT: 5.834 min Scan# 1491

Delta R.T. 0.000 min

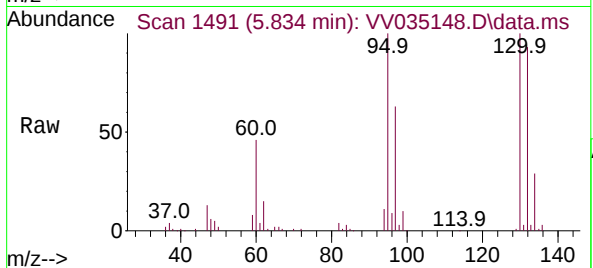
Lab File: VV035148.D

Acq: 12 Apr 2024 01:42

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 95 Resp: 81844

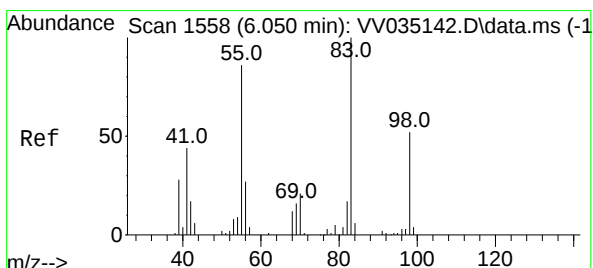
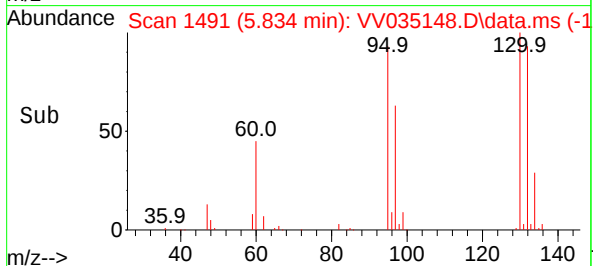
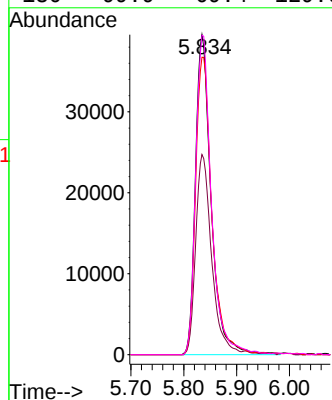
Ion Ratio Lower Upper

95 100

97 62.5 46.8 86.8

132 92.9 68.0 126.4

130 99.9 69.4 129.0



#35

Methylcyclohexane

Concen: 0.787 ug/L

RT: 5.992 min Scan# 1540

Delta R.T. -0.058 min

Lab File: VV035148.D

Acq: 12 Apr 2024 01:42

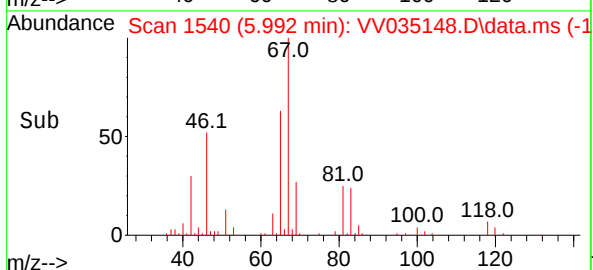
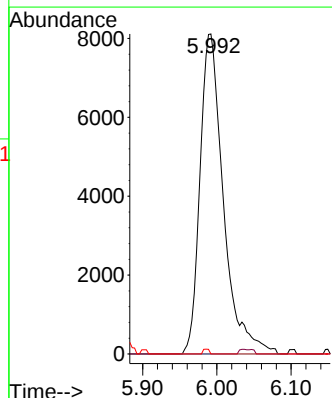
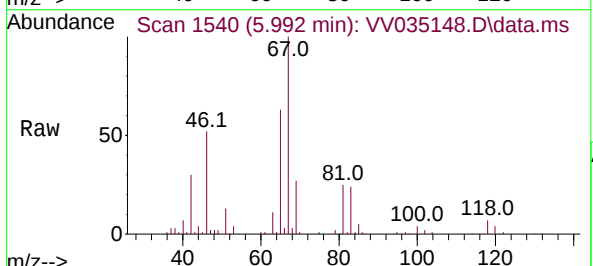
Tgt Ion: 83 Resp: 17783

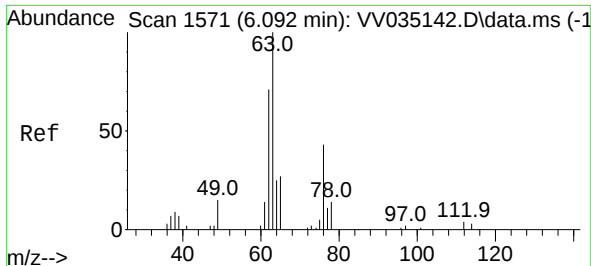
Ion Ratio Lower Upper

83 100

55 0.8 60.6 91.0#

98 0.4 37.8 56.6#

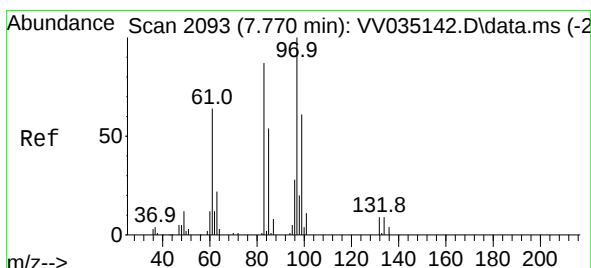
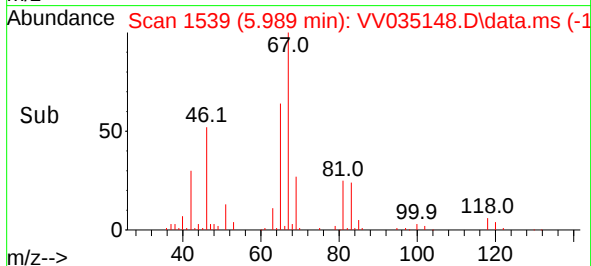
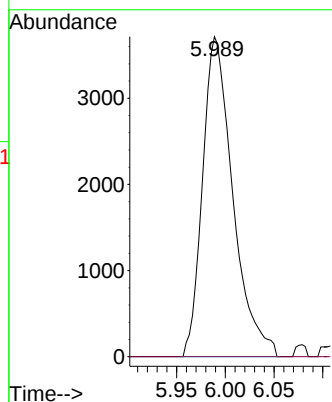
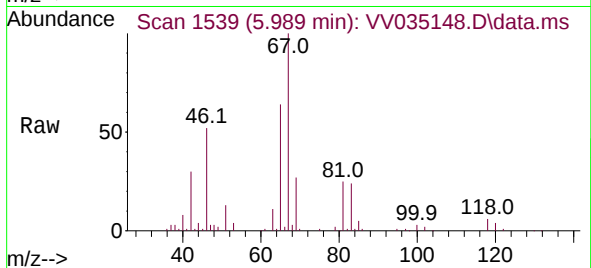




#37
1,2-Dichloropropane
Concen: 0.545 ug/L
RT: 5.989 min Scan# 11
Delta R.T. -0.103 min
Lab File: VV035148.D
Acq: 12 Apr 2024 01:42

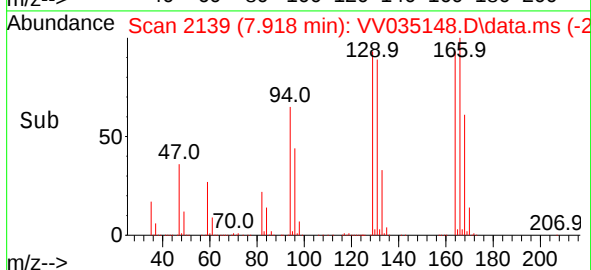
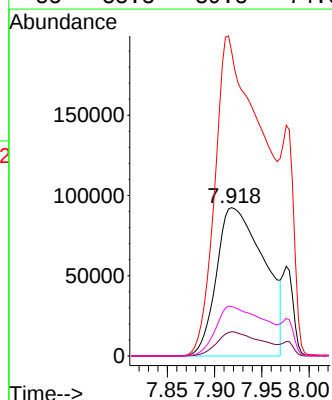
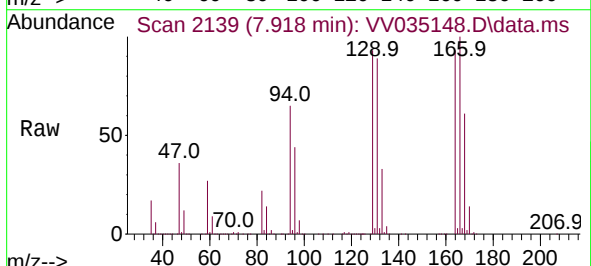
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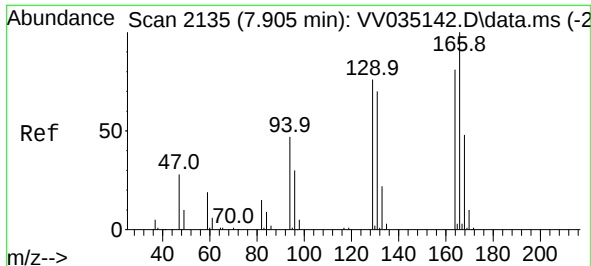
Tgt Ion: 63 Resp: 8040
Ion Ratio Lower Upper
63 100
112 0.0 3.5 5.3#



#45
1,1,2-Trichloroethane
Concen: 33.353 ug/L
RT: 7.918 min Scan# 2139
Delta R.T. 0.148 min
Lab File: VV035148.D
Acq: 12 Apr 2024 01:42

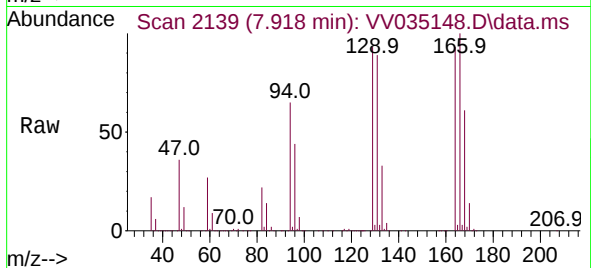
Tgt Ion: 97 Resp: 323546
Ion Ratio Lower Upper
97 100
99 16.3 44.5 82.7#
83 205.4 63.2 117.4#
85 33.3 39.8 74.0#





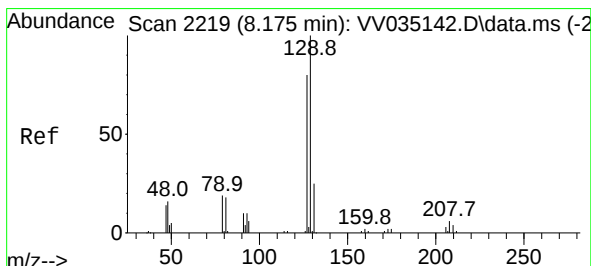
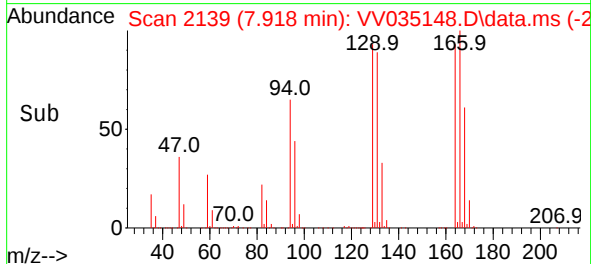
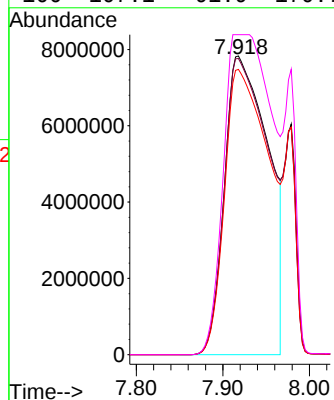
#47
Tetrachloroethene
Concen: 2462.743 ug/L
RT: 7.918 min Scan# 2135
Delta R.T. 0.013 min
Lab File: VV035148.D
Acq: 12 Apr 2024 01:42

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:164 Resp:27450155

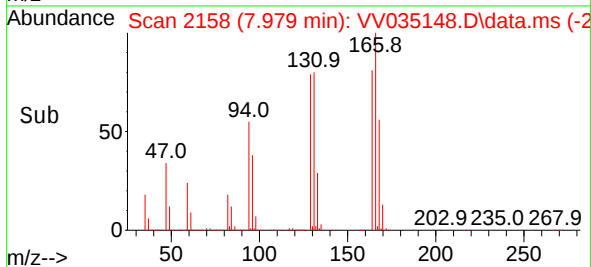
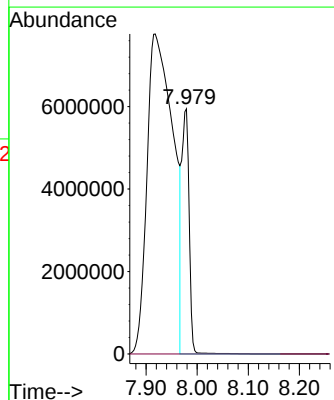
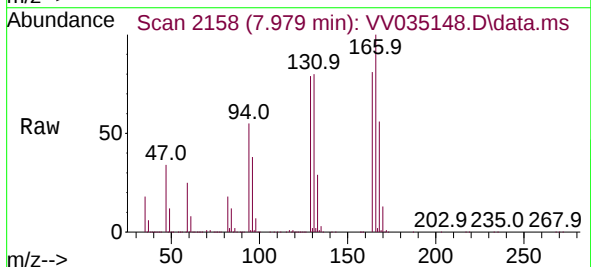
Ion	Ratio	Lower	Upper
164	100		
129	99.1	66.0	122.6
131	95.5	63.0	117.0
166	107.1	91.9	170.7

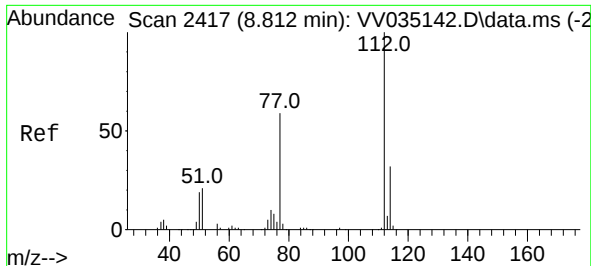


#49
Dibromochloromethane
Concen: 519.563 ug/L
RT: 7.979 min Scan# 2158
Delta R.T. -0.196 min
Lab File: VV035148.D
Acq: 12 Apr 2024 01:42

Tgt Ion:129 Resp: 5932359

Ion	Ratio	Lower	Upper
129	100		
127	0.0	56.4	104.7#





#51

Chlorobenzene

Concen: 0.252 ug/L

RT: 8.821 min Scan# 2417

Delta R.T. 0.010 min

Lab File: VV035148.D

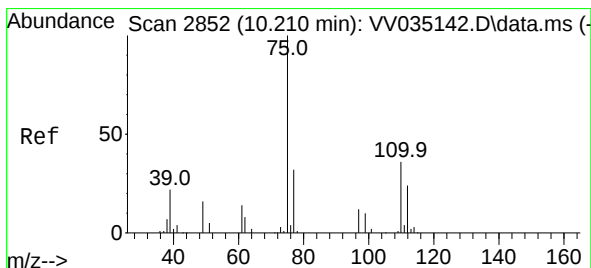
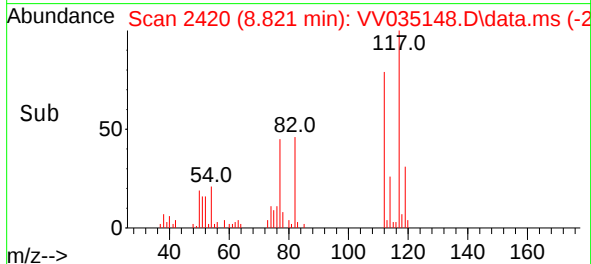
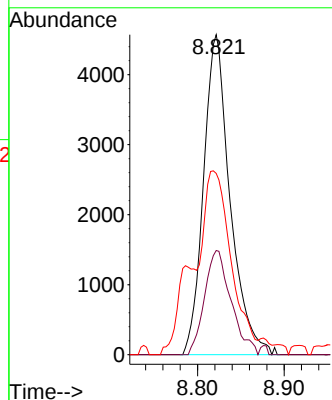
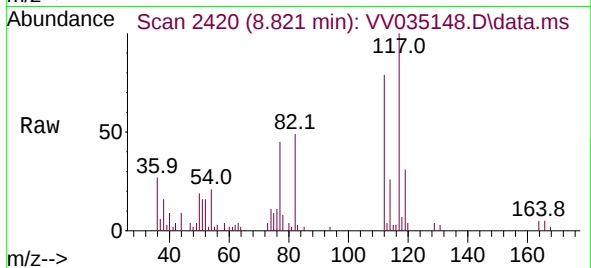
Acq: 12 Apr 2024 01:42

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:112	Resp:	9749
Ion Ratio	Lower	Upper
112	100	
114	32.6	21.9 40.7
77	56.7	47.4 71.2



#61

1,2,3-Trichloropropane

Concen: 1.373 ug/L

RT: 11.185 min Scan# 3155

Delta R.T. 0.974 min

Lab File: VV035148.D

Acq: 12 Apr 2024 01:42

Tgt Ion: 75	Resp:	10921
Ion Ratio	Lower	Upper
75	100	
77	30.1	24.8 37.2
110	3.0	31.0 46.6#

