

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW021224\
 Data File : VW034138.D
 Acq On : 12 Feb 2024 14:33
 Operator : SY/MD
 Sample : P1455-05
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AE4

Quant Time: Feb 13 00:47:17 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012524WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Feb 13 00:43:48 2024
 Response via : Initial Calibration

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

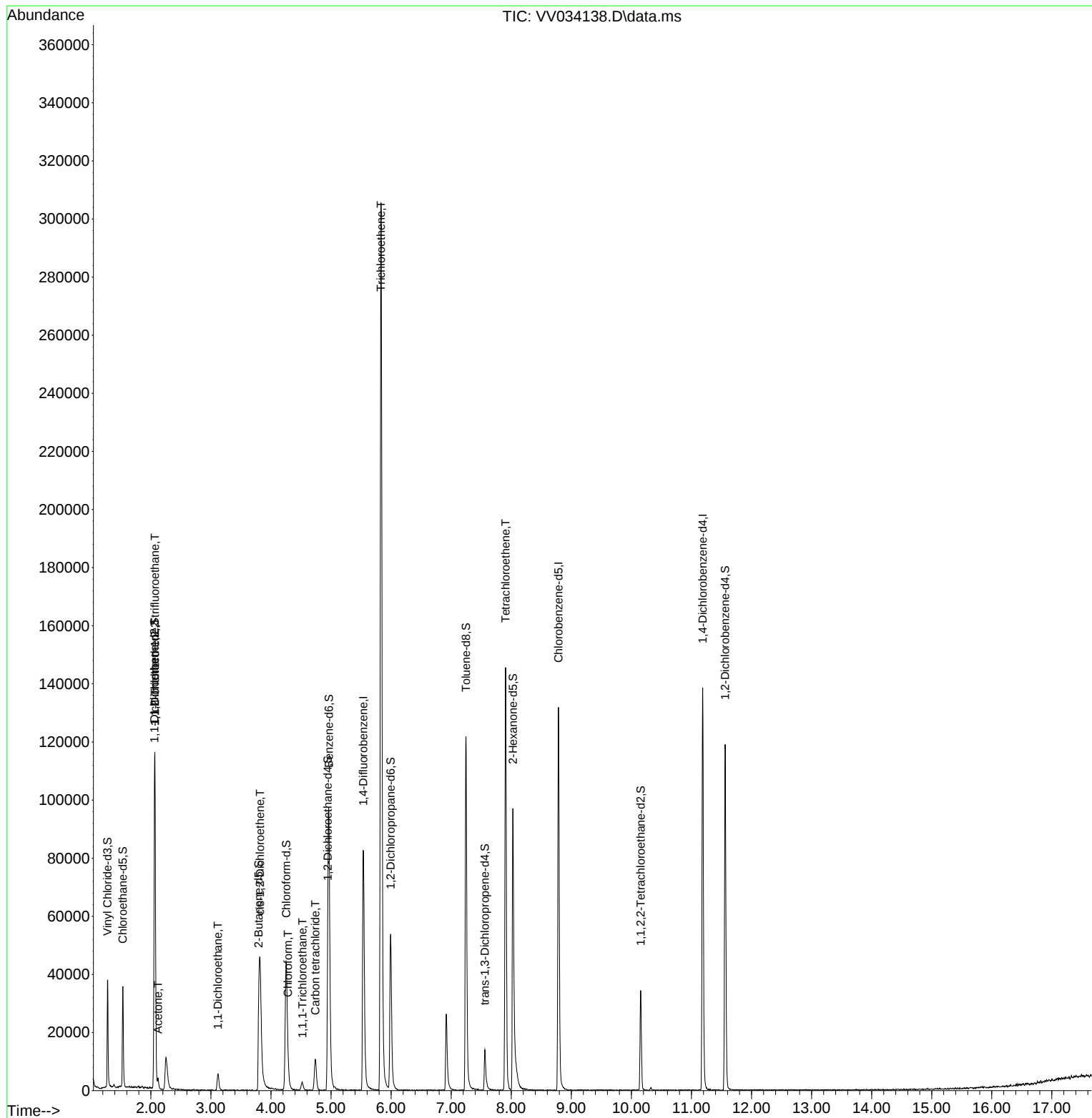
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	75148	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	70207	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	36275	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	23503	4.038	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.800%
7) Chloroethane-d5	1.532	69	20936	4.107	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.200%
11) 1,1-Dichloroethene-d2	2.060	65	11678	4.161	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	83.200%
20) 2-Butanone-d5	3.796	46	40797	41.738	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	83.480%
24) Chloroform-d	4.252	84	46579	4.404	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.000%
26) 1,2-Dichloroethane-d4	4.944	65	24350	4.927	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.600%
32) Benzene-d6	4.963	84	87867	4.171	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.400%
36) 1,2-Dichloropropane-d6	5.992	67	25322	4.301	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.000%
41) Toluene-d8	7.246	98	81473	4.209	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.200%
43) trans-1,3-Dichloroprop...	7.561	79	9607	4.321	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.400%
46) 2-Hexanone-d5	8.027	63	34159	43.039	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.080%
56) 1,1,2,2-Tetrachloroeth...	10.156	84	15464	4.332	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.600%
66) 1,2-Dichlorobenzene-d4	11.561	152	29990	4.546	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.000%
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	1628	0.301	ug/L	87
12) 1,1-Dichloroethene	2.069	96	18131	3.454	ug/L #	79
13) Acetone	2.121	43	3202	4.318	ug/L #	46
19) 1,1-Dichloroethane	3.117	63	6505	0.662	ug/L	99
22) cis-1,2-Dichloroethene	3.818	96	17044	2.810	ug/L	98
25) Chloroform	4.281	83	3745	0.377	ug/L	100
29) 1,1,1-Trichloroethane	4.523	97	2653	0.281	ug/L	96
31) Carbon tetrachloride	4.738	117	8261	1.002	ug/L	98
34) Trichloroethene	5.831	95	104555	17.156	ug/L	97
47) Tetrachloroethene	7.905	164	30988	6.258	ug/L	97

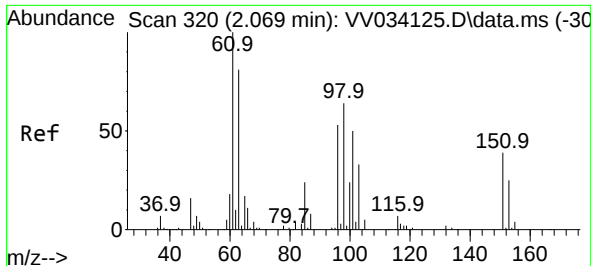
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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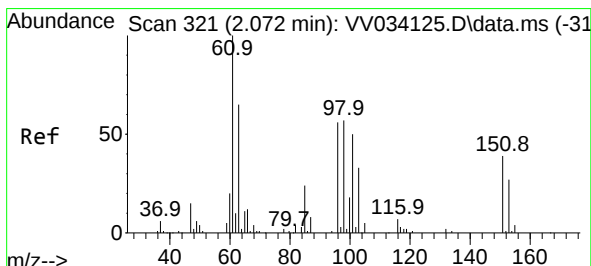
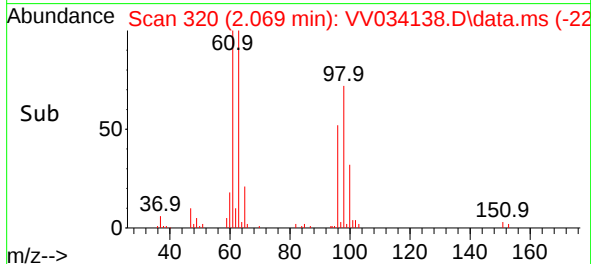
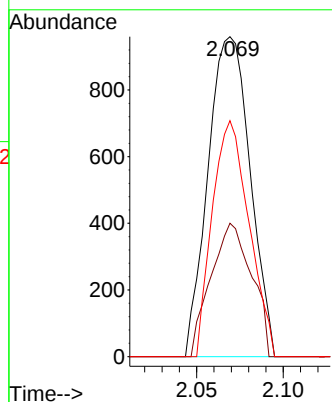
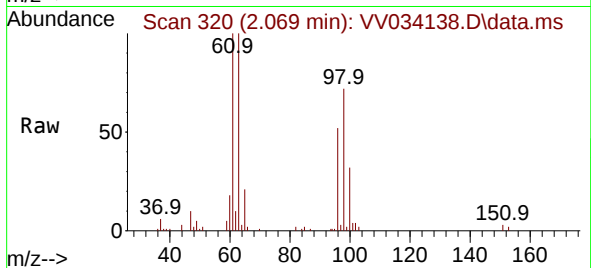




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.301 ug/L
 RT: 2.069 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VV034138.D
 Acq: 12 Feb 2024 14:33

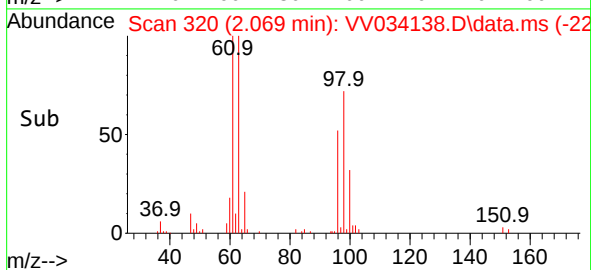
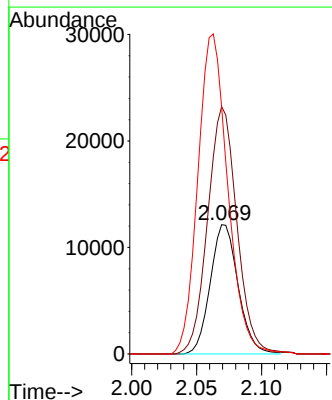
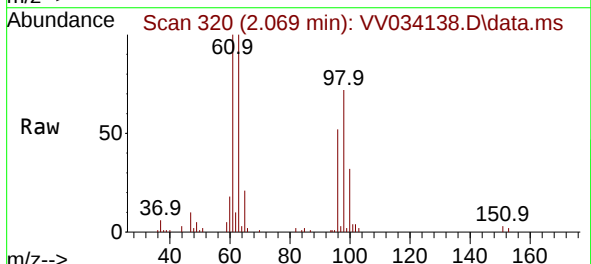
Instrument :
 MSVOA_V
 ClientSampleId :
 C0AE4

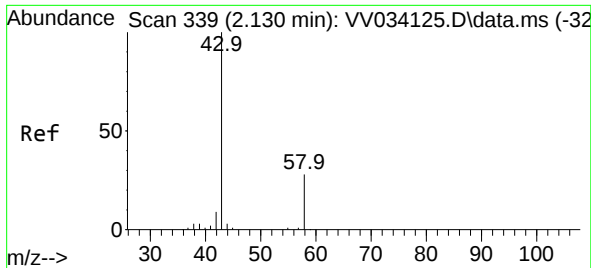
Tgt Ion:	101	Resp:	1628
Ion	Ratio	Lower	Upper
101	100		
85	40.4	37.1	55.7
151	64.2	61.7	92.5



#12
 1,1-Dichloroethene
 Concen: 3.454 ug/L
 RT: 2.069 min Scan# 320
 Delta R.T. -0.003 min
 Lab File: VV034138.D
 Acq: 12 Feb 2024 14:33

Tgt Ion:	96	Resp:	18131
Ion	Ratio	Lower	Upper
96	100		
61	191.3	128.8	239.2
63	190.9	97.9	181.9





#13

Acetone

Concen: 4.318 ug/L

RT: 2.121 min Scan# 31

Delta R.T. -0.010 min

Lab File: VV034138.D

Acq: 12 Feb 2024 14:33

Instrument :

MSVOA_V

ClientSampleId :

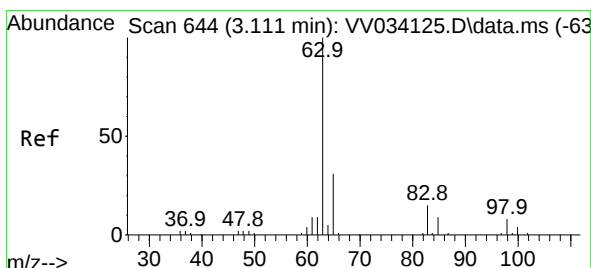
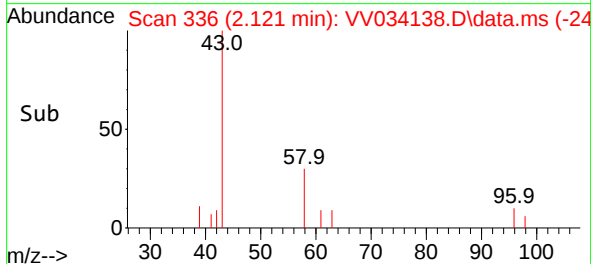
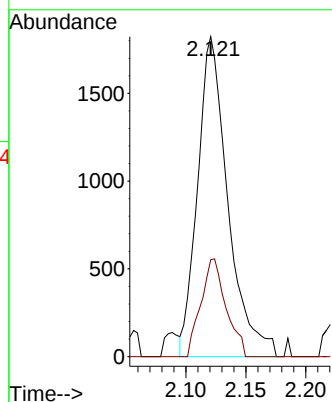
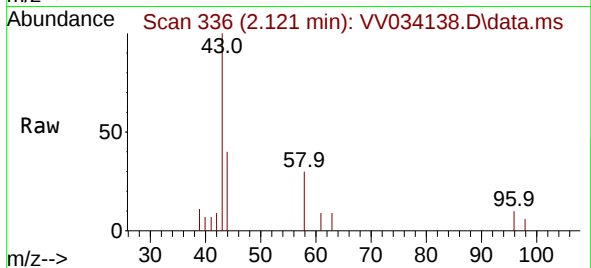
C0AE4

Tgt Ion: 43 Resp: 3202

Ion Ratio Lower Upper

43 100

58 25.4 0.0 13.8#



#19

1,1-Dichloroethane

Concen: 0.662 ug/L

RT: 3.117 min Scan# 646

Delta R.T. 0.006 min

Lab File: VV034138.D

Acq: 12 Feb 2024 14:33

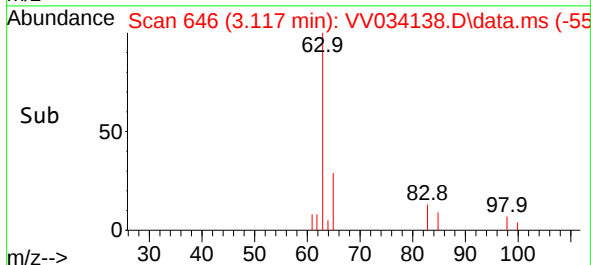
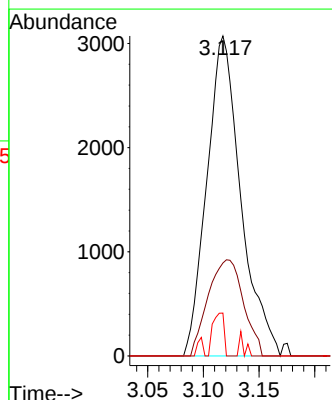
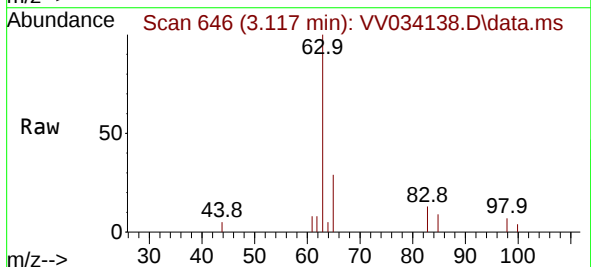
Tgt Ion: 63 Resp: 6505

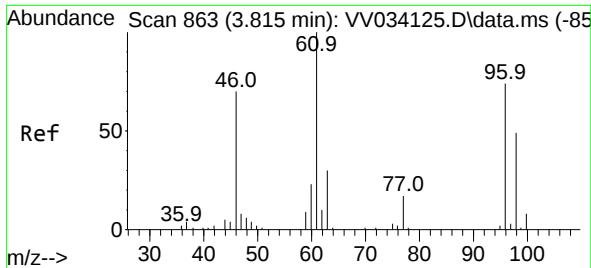
Ion Ratio Lower Upper

63 100

65 29.0 20.8 38.6

83 13.4 9.4 17.4

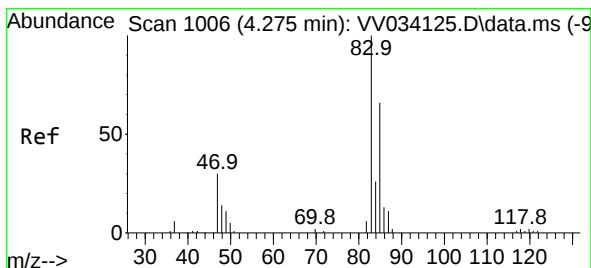
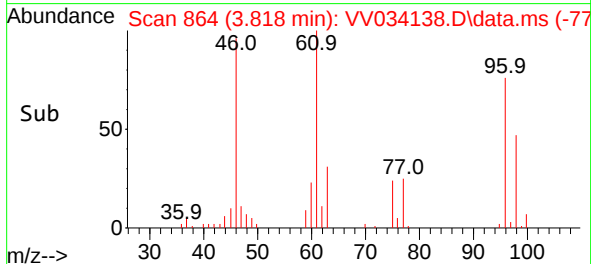
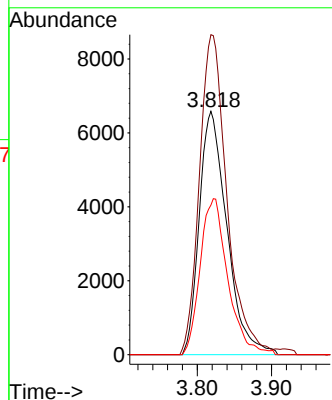
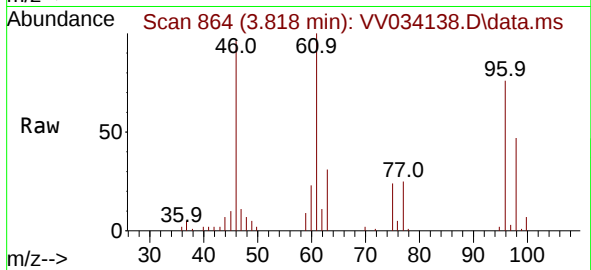




#22
 cis-1,2-Dichloroethene
 Concen: 2.810 ug/L
 RT: 3.818 min Scan# 80
 Delta R.T. 0.003 min
 Lab File: VV034138.D
 Acq: 12 Feb 2024 14:33

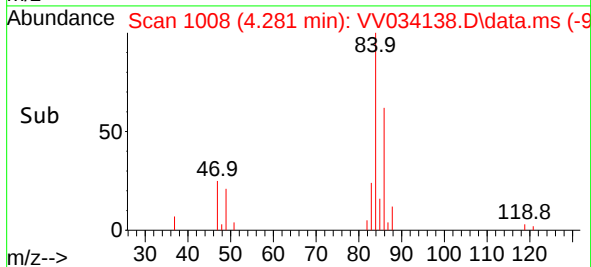
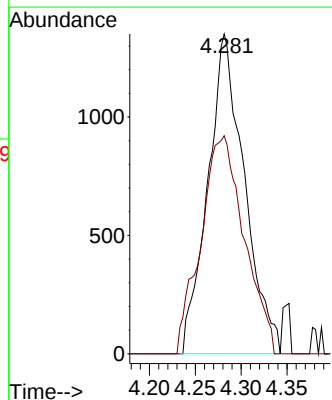
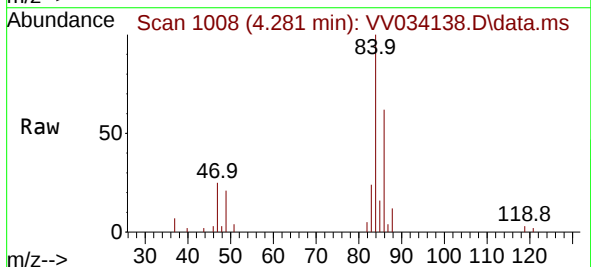
Instrument :
 MSVOA_V
 ClientSampleId :
 C0AE4

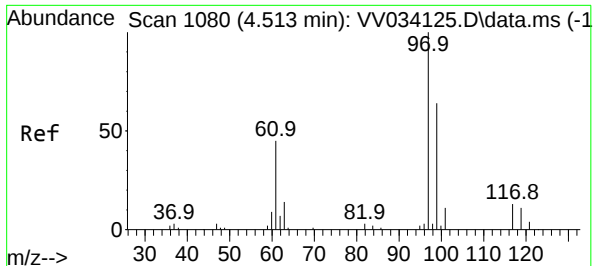
Tgt Ion: 96 Resp: 17044
 Ion Ratio Lower Upper
 96 100
 61 131.5 90.3 167.7
 98 61.5 43.2 80.2



#25
 Chloroform
 Concen: 0.377 ug/L
 RT: 4.281 min Scan# 1008
 Delta R.T. 0.006 min
 Lab File: VV034138.D
 Acq: 12 Feb 2024 14:33

Tgt Ion: 83 Resp: 3745
 Ion Ratio Lower Upper
 83 100
 85 68.2 47.5 88.1





#29

1,1,1-Trichloroethane

Concen: 0.281 ug/L

RT: 4.523 min Scan# 1150

Delta R.T. 0.010 min

Lab File: VV034138.D

Acq: 12 Feb 2024 14:33

Instrument :

MSVOA_V

ClientSampleId :

C0AE4

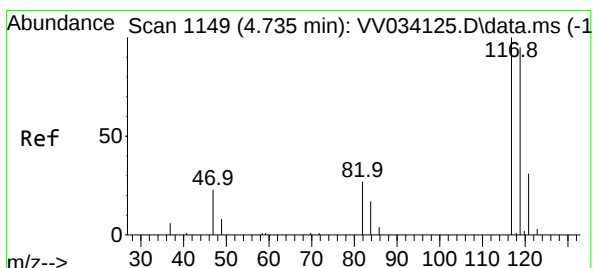
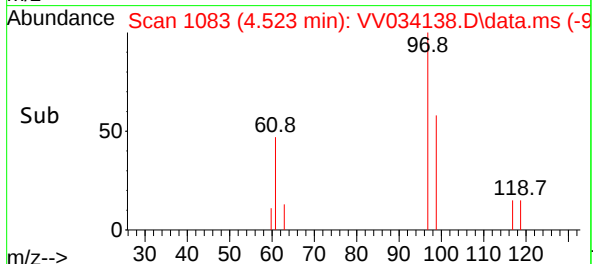
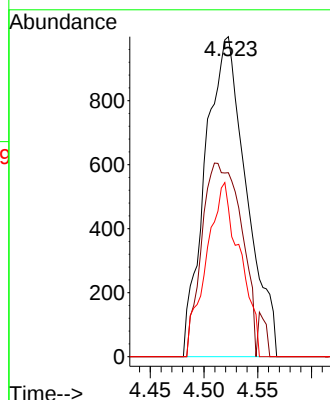
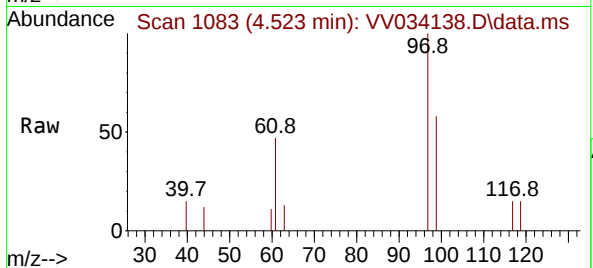
Tgt Ion: 97 Resp: 2653

Ion Ratio Lower Upper

97 100

99 58.5 50.6 75.8

61 44.8 36.8 55.2



#31

Carbon tetrachloride

Concen: 1.002 ug/L

RT: 4.738 min Scan# 1150

Delta R.T. 0.003 min

Lab File: VV034138.D

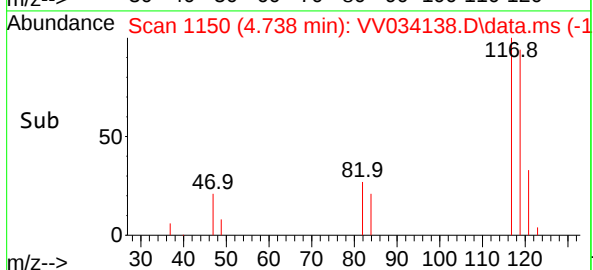
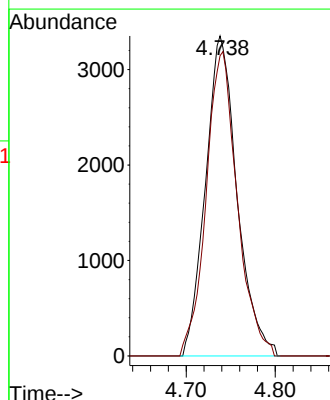
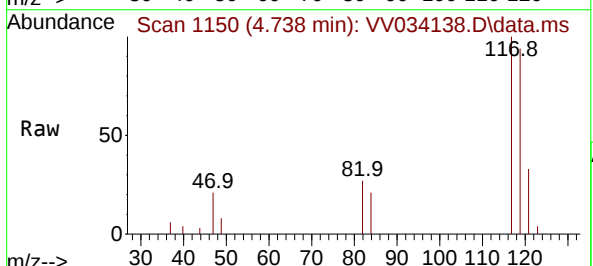
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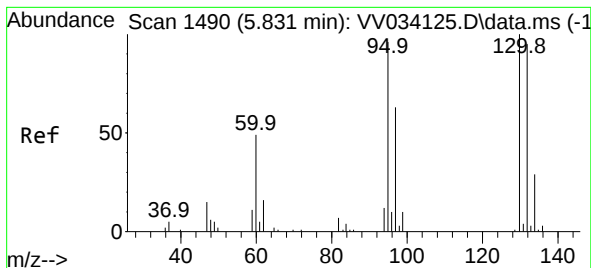
Tgt Ion: 117 Resp: 8261

Ion Ratio Lower Upper

117 100

119 93.5 76.1 114.1





#34

Trichloroethene

Concen: 17.156 ug/L

RT: 5.831 min Scan# 1490

Delta R.T. 0.000 min

Lab File: VV034138.D

Acq: 12 Feb 2024 14:33

Instrument :

MSVOA_V

ClientSampleId :

C0AE4

Tgt Ion: 95 Resp: 104555

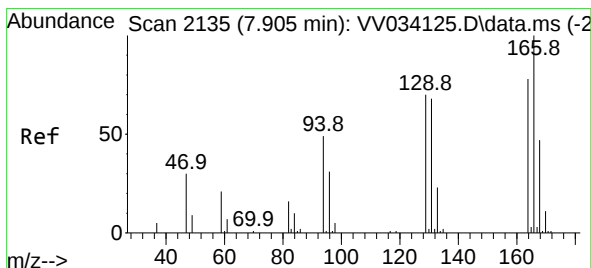
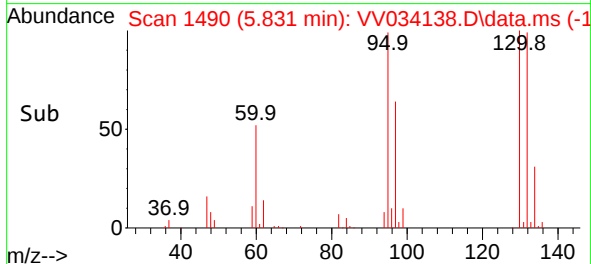
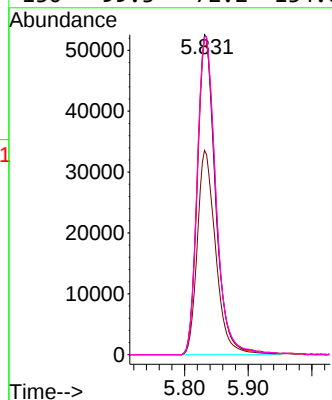
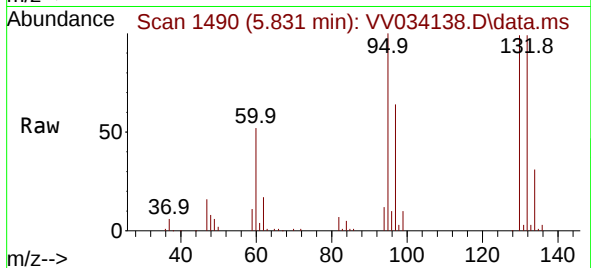
Ion Ratio Lower Upper

95 100

97 63.8 45.1 83.7

132 98.6 66.0 122.6

130 99.3 72.2 134.0



#47

Tetrachloroethene

Concen: 6.258 ug/L

RT: 7.905 min Scan# 2135

Delta R.T. 0.000 min

Lab File: VV034138.D

Acq: 12 Feb 2024 14:33

Tgt Ion:164 Resp: 30988

Ion Ratio Lower Upper

164 100

129 92.8 67.8 125.8

131 89.1 63.0 117.0

166 127.5 92.6 172.0

