

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW022724\
 Data File : VW034439.D
 Acq On : 27 Feb 2024 11:11
 Operator : SY/MD
 Sample : P1535-11
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AF9

Quant Time: Feb 28 03:54:22 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR022624WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Feb 28 03:52:36 2024
 Response via : Initial Calibration

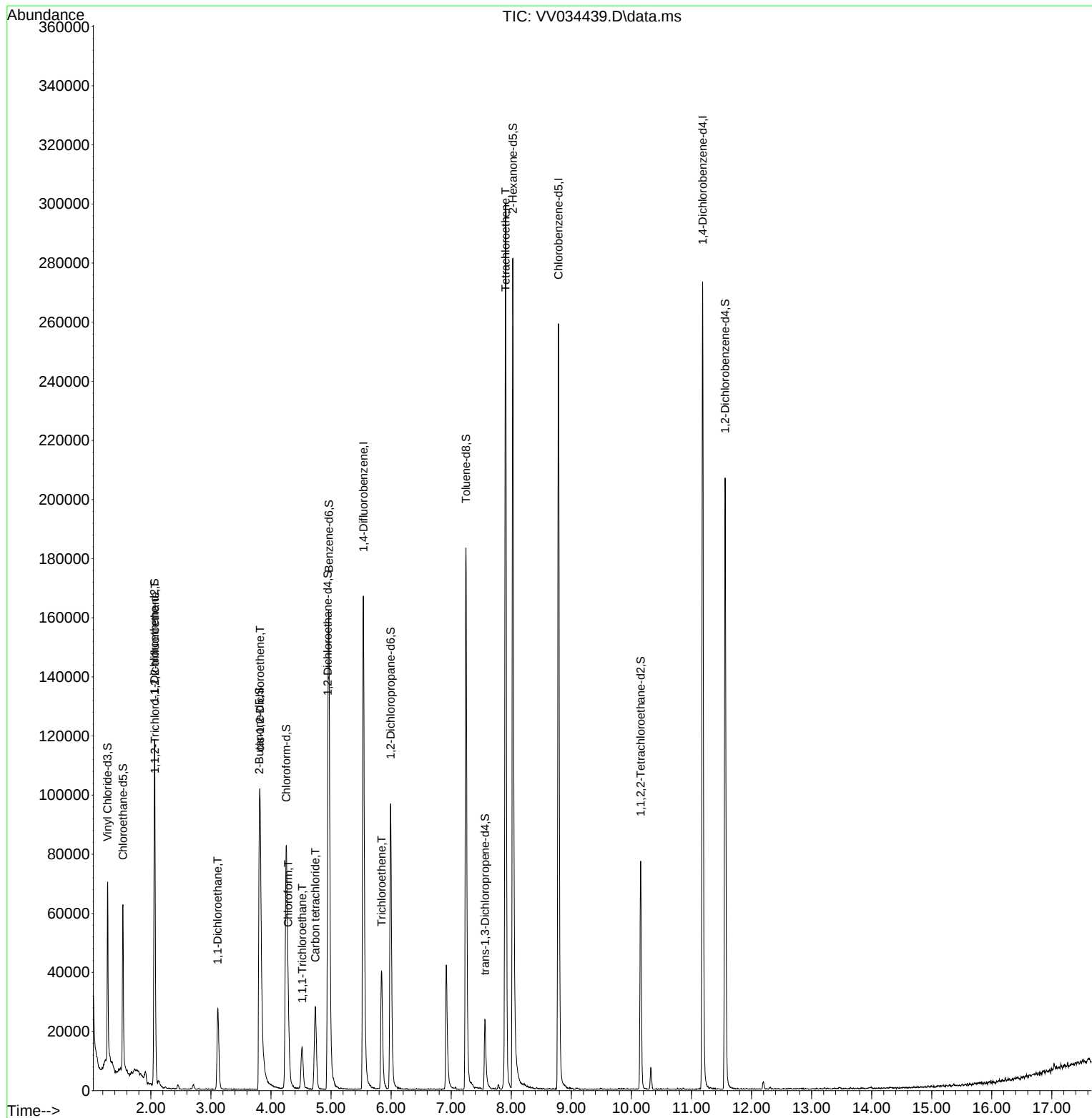
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	147615	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	139550	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	70871	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	37101	4.330	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	86.600%	
7) Chloroethane-d5	1.536	69	33687	4.451	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	89.000%	
11) 1,1-Dichloroethene-d2	2.060	65	17764	4.454	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	89.000%	
20) 2-Butanone-d5	3.806	46	116738	52.106	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	104.220%	
24) Chloroform-d	4.252	84	80568	4.683	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	93.600%	
26) 1,2-Dichloroethane-d4	4.947	65	42690	4.876	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	97.600%	
32) Benzene-d6	4.963	84	142533	4.540	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	90.800%	
36) 1,2-Dichloropropane-d6	5.992	67	44489	4.746	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	95.000%	
41) Toluene-d8	7.246	98	125070	4.443	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	88.800%	
43) trans-1,3-Dichloroprop...	7.564	79	15712	4.499	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	90.000%	
46) 2-Hexanone-d5	8.027	63	104915	53.134	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	106.260%	
56) 1,1,2,2-Tetrachloroeth...	10.156	84	35676	4.809	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	96.200%	
66) 1,2-Dichlorobenzene-d4	11.561	152	52282	4.856	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	97.200%	
Target Compounds						
						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	5751	0.599	ug/L	92
19) 1,1-Dichloroethane	3.114	63	29289	1.619	ug/L	98
22) cis-1,2-Dichloroethene	3.818	96	30004	2.902	ug/L	97
25) Chloroform	4.285	83	25365	1.350	ug/L	99
29) 1,1,1-Trichloroethane	4.519	97	11628	0.666	ug/L	100
31) Carbon tetrachloride	4.738	117	21881	1.444	ug/L	100
34) Trichloroethene	5.841	95	15011	1.488	ug/L	94
47) Tetrachloroethene	7.905	164	65957	8.336	ug/L	98

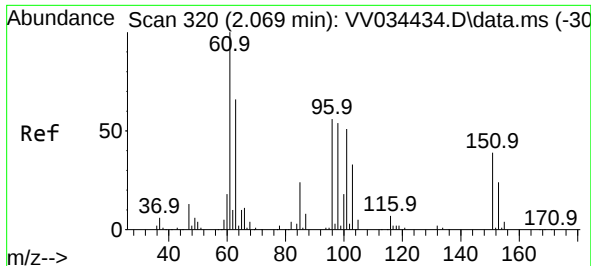
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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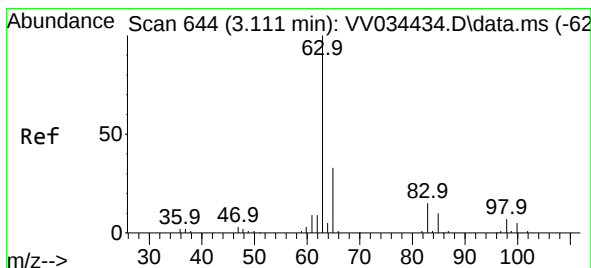
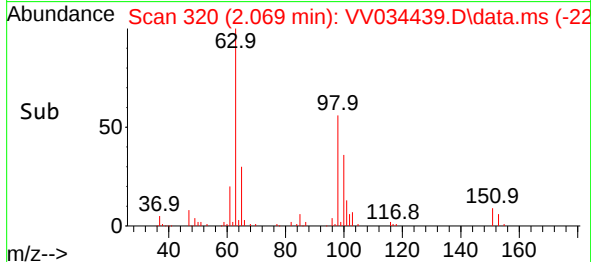
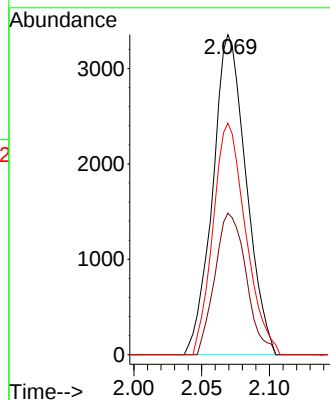
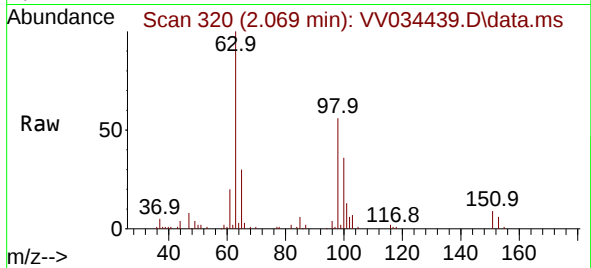




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.599 ug/L
RT: 2.069 min Scan# 31
Delta R.T. -0.000 min
Lab File: VV034439.D
Acq: 27 Feb 2024 11:11

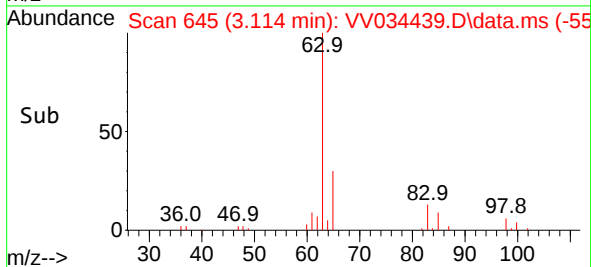
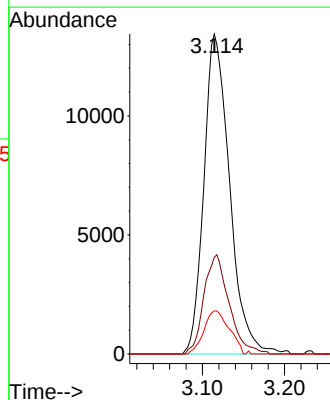
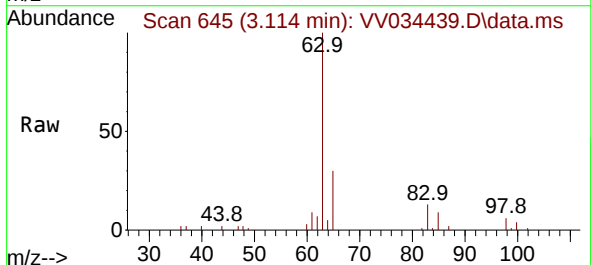
Instrument :
MSVOA_V
ClientSampleId :
C0AF9

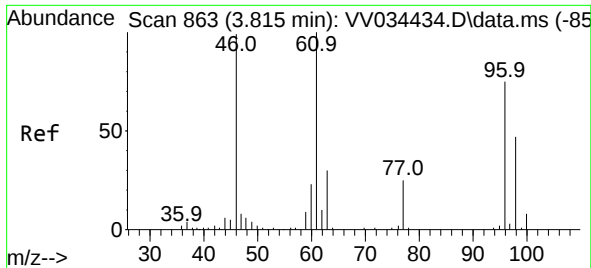
Tgt Ion:101 Resp: 5751
Ion Ratio Lower Upper
101 100
85 41.4 37.9 56.9
151 70.7 61.8 92.6



#19
1,1-Dichloroethane
Concen: 1.619 ug/L
RT: 3.114 min Scan# 645
Delta R.T. 0.003 min
Lab File: VV034439.D
Acq: 27 Feb 2024 11:11

Tgt Ion: 63 Resp: 29289
Ion Ratio Lower Upper
63 100
65 30.2 22.0 41.0
83 13.5 10.1 18.9

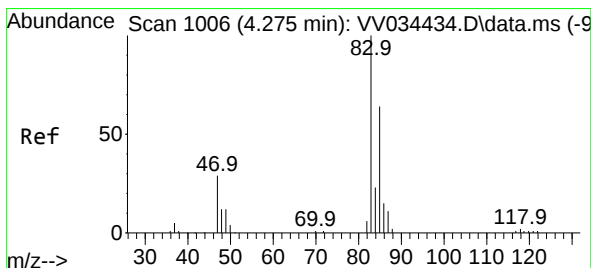
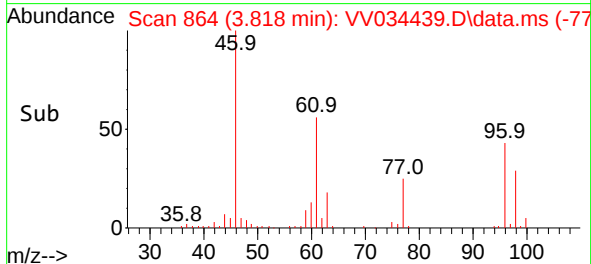
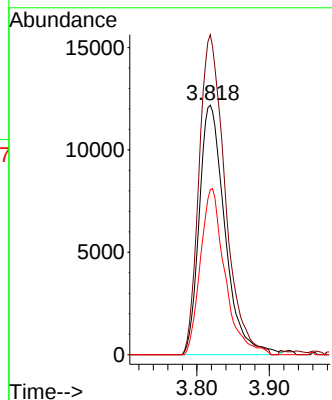
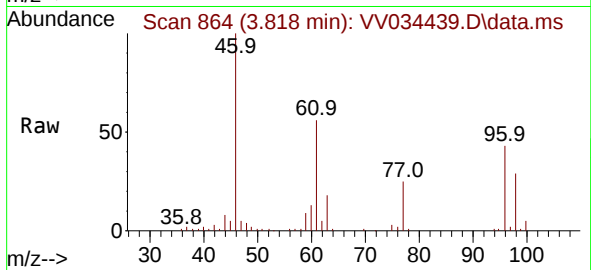




#22
cis-1,2-Dichloroethene
Concen: 2.902 ug/L
RT: 3.818 min Scan# 80
Delta R.T. 0.003 min
Lab File: VV034439.D
Acq: 27 Feb 2024 11:11

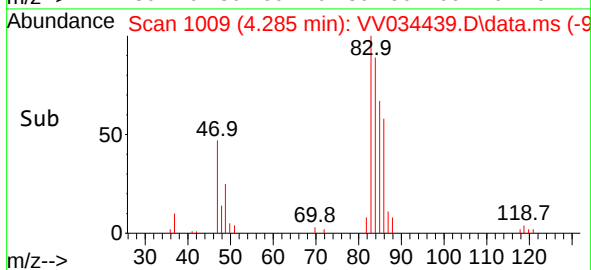
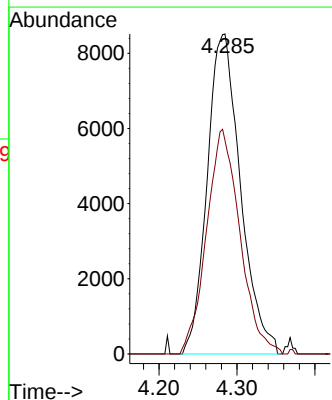
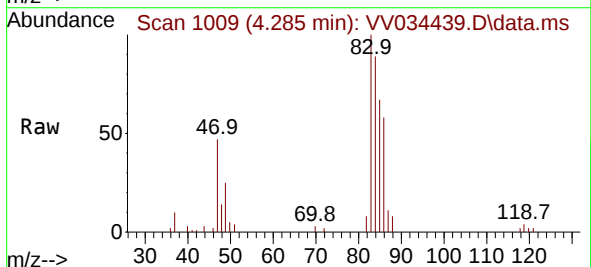
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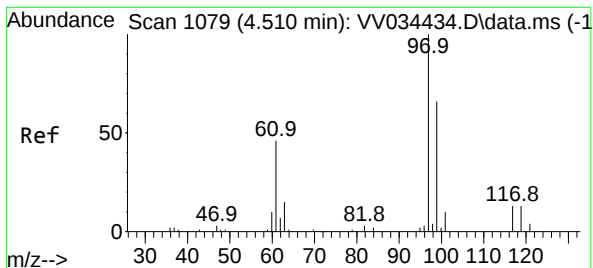
Tgt Ion: 96 Resp: 30004
Ion Ratio Lower Upper
96 100
61 128.3 89.7 166.5
98 66.1 42.0 78.0



#25
Chloroform
Concen: 1.350 ug/L
RT: 4.285 min Scan# 1009
Delta R.T. 0.010 min
Lab File: VV034439.D
Acq: 27 Feb 2024 11:11

Tgt Ion: 83 Resp: 25365
Ion Ratio Lower Upper
83 100
85 66.7 47.0 87.4





#29

1,1,1-Trichloroethane

Concen: 0.666 ug/L

RT: 4.519 min Scan# 1150

Delta R.T. 0.010 min

Lab File: VV034439.D

Acq: 27 Feb 2024 11:11

Instrument :

MSVOA_V

ClientSampleId :

C0AF9

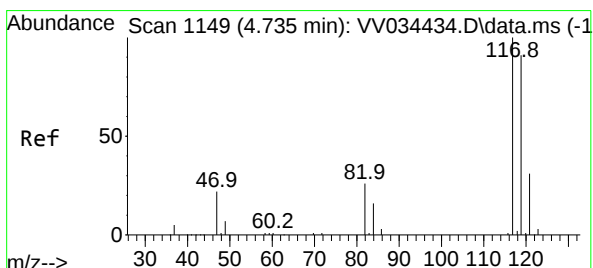
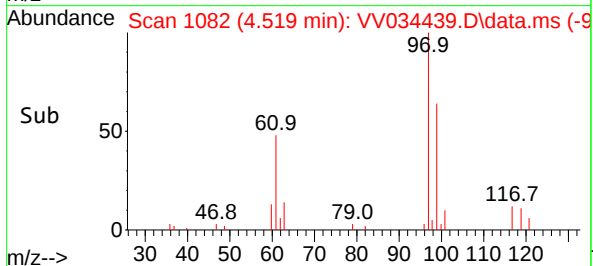
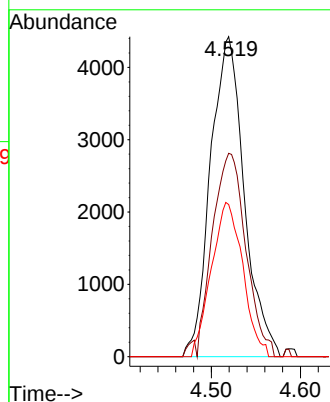
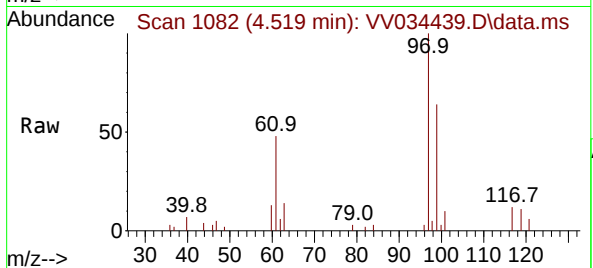
Tgt Ion: 97 Resp: 11628

Ion Ratio Lower Upper

97 100

99 64.1 51.2 76.8

61 45.0 36.1 54.1



#31

Carbon tetrachloride

Concen: 1.444 ug/L

RT: 4.738 min Scan# 1150

Delta R.T. 0.003 min

Lab File: VV034439.D

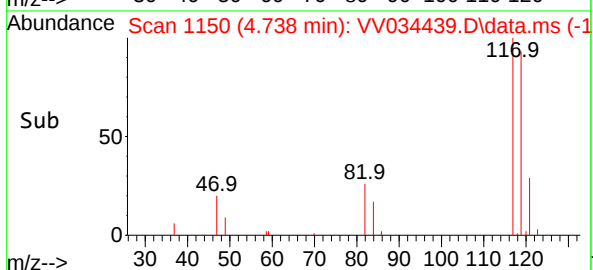
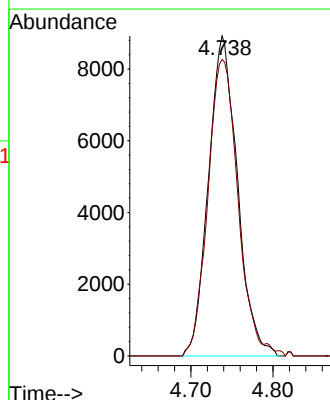
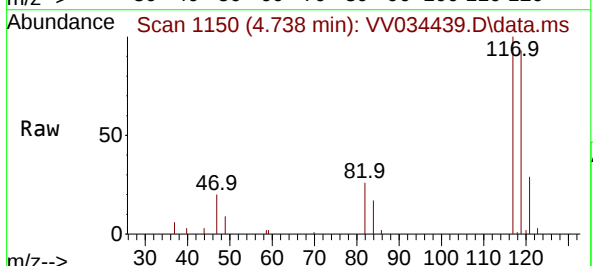
Acq: 27 Feb 2024 11:11

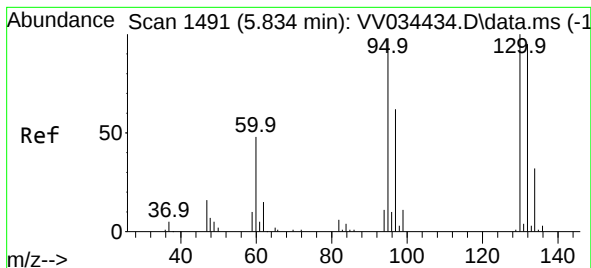
Tgt Ion: 117 Resp: 21881

Ion Ratio Lower Upper

117 100

119 96.4 77.0 115.6





#34

Trichloroethene

Concen: 1.488 ug/L

RT: 5.841 min Scan# 1493

Delta R.T. 0.006 min

Lab File: VV034439.D

Acq: 27 Feb 2024 11:11

Instrument :

MSVOA_V

ClientSampleId :

C0AF9

Tgt Ion: 95 Resp: 15011

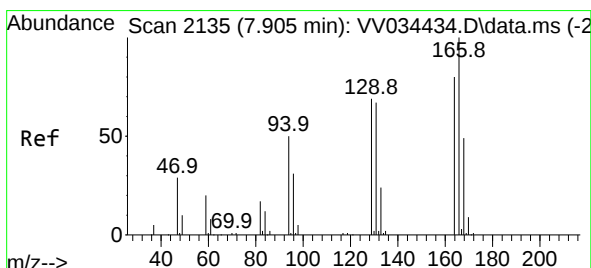
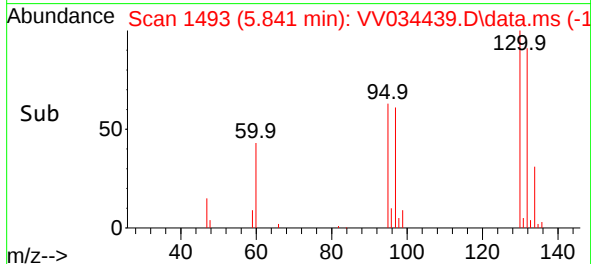
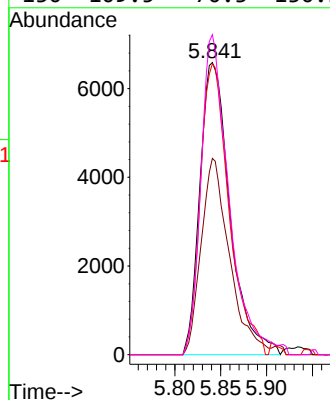
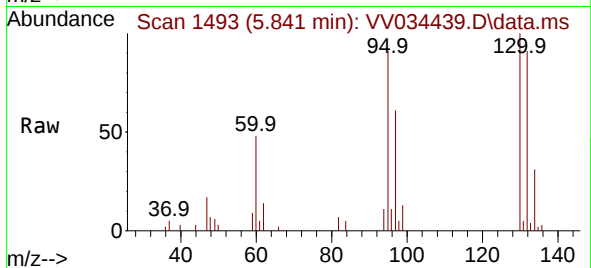
Ion Ratio Lower Upper

95 100

97 67.2 43.3 80.5

132 99.6 67.8 126.0

130 109.5 70.3 130.5



#47

Tetrachloroethene

Concen: 8.336 ug/L

RT: 7.905 min Scan# 2135

Delta R.T. -0.000 min

Lab File: VV034439.D

Acq: 27 Feb 2024 11:11

Tgt Ion:164 Resp: 65957

Ion Ratio Lower Upper

164 100

129 92.5 64.2 119.2

131 91.9 65.9 122.3

166 126.6 89.9 166.9

