

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV022224\
 Data File : VV034345.D
 Acq On : 22 Feb 2024 14:26
 Operator : SY/MD
 Sample : P1498-18
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AC2

Quant Time: Feb 23 01:17:31 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012524WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Feb 23 01:14:23 2024
 Response via : Initial Calibration

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

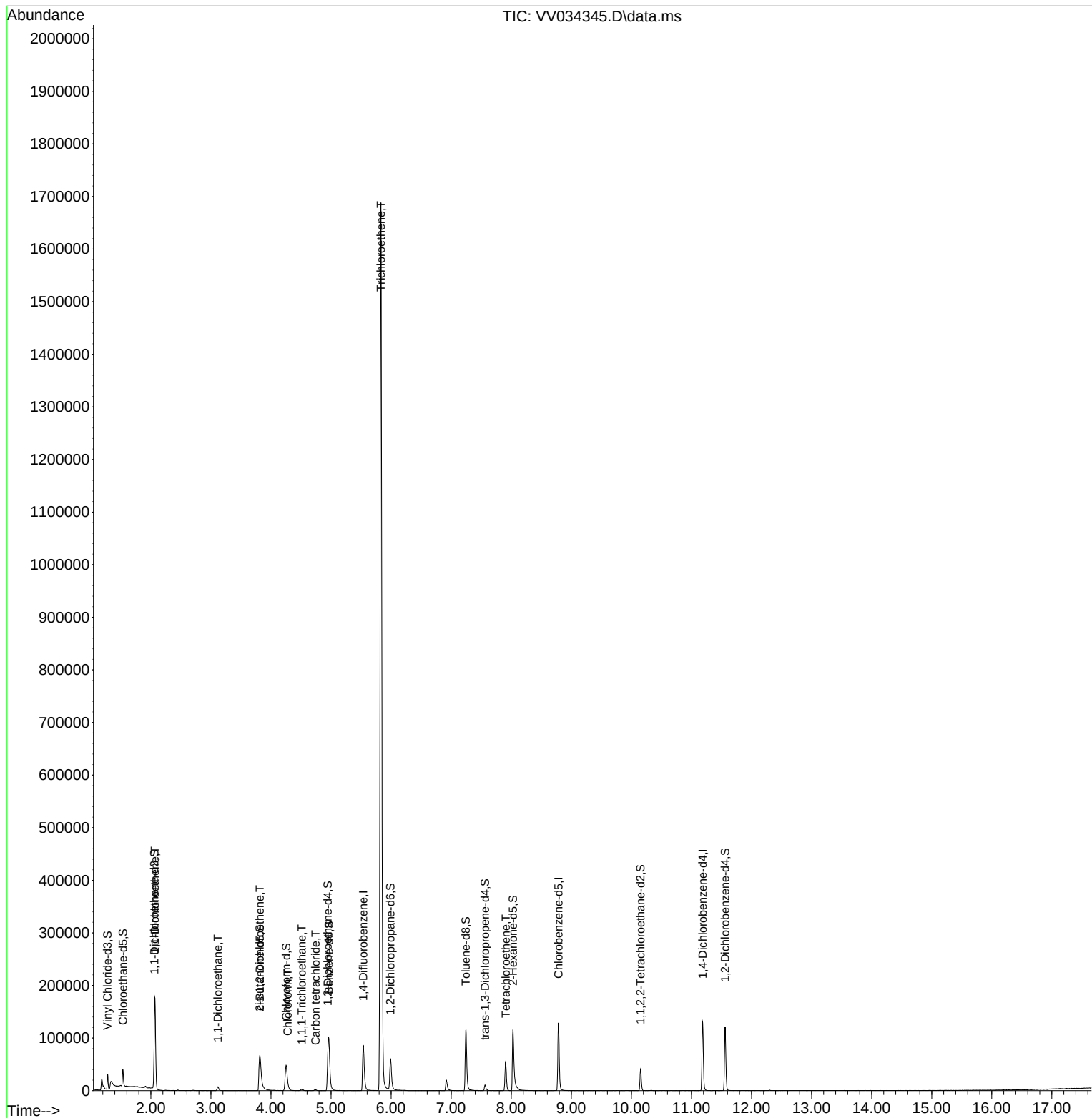
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	76387	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	70515	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	35209	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	18746	3.169	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	63.400%
7) Chloroethane-d5	1.536	69	18903	3.648	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	73.000%
11) 1,1-Dichloroethene-d2	2.060	65	10439	3.659	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.200%
20) 2-Butanone-d5	3.812	46	54694	55.048	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.100%
24) Chloroform-d	4.252	84	50055	4.656	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.200%
26) 1,2-Dichloroethane-d4	4.947	65	25744	5.124	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.400%
32) Benzene-d6	4.963	84	91039	4.303	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.000%
36) 1,2-Dichloropropane-d6	5.989	67	26501	4.481	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.600%
41) Toluene-d8	7.243	98	80897	4.161	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.200%
43) trans-1,3-Dichloroprop...	7.564	79	7562	3.386	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	67.800%
46) 2-Hexanone-d5	8.027	63	41259	51.758	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.520%
56) 1,1,2,2-Tetrachloroeth...	10.153	84	18864	5.262	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.200%
66) 1,2-Dichlorobenzene-d4	11.561	152	31004	4.842	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.800%
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.069	96	38706	7.253	ug/L	86
19) 1,1-Dichloroethane	3.117	63	7604	0.761	ug/L	89
22) cis-1,2-Dichloroethene	3.815	96	24501	3.973	ug/L	99
25) Chloroform	4.278	83	3503	0.347	ug/L	85
29) 1,1,1-Trichloroethane	4.513	97	2931	0.310	ug/L	91
31) Carbon tetrachloride	4.744	117	1478	0.178	ug/L #	47
34) Trichloroethene	5.831	95	56354	92.069	ug/L	98
47) Tetrachloroethene	7.908	164	12282	2.469	ug/L	91

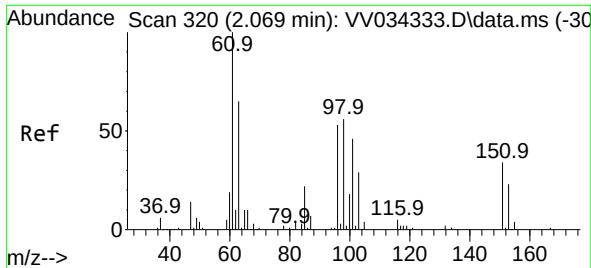
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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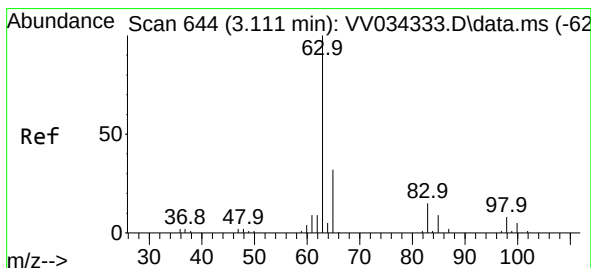
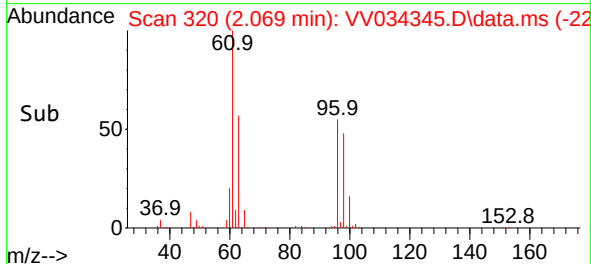
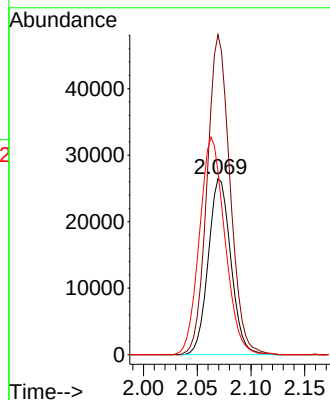
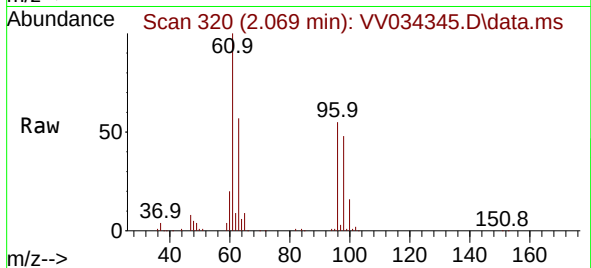




#12
 1,1-Dichloroethene
 Concen: 7.253 ug/L
 RT: 2.069 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VV034345.D
 Acq: 22 Feb 2024 14:26

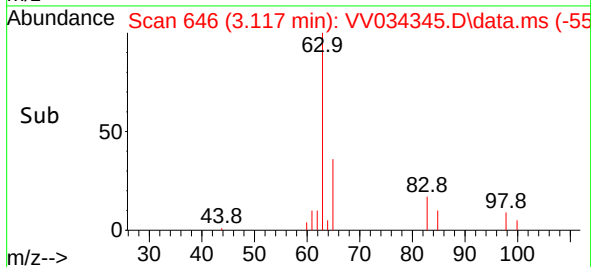
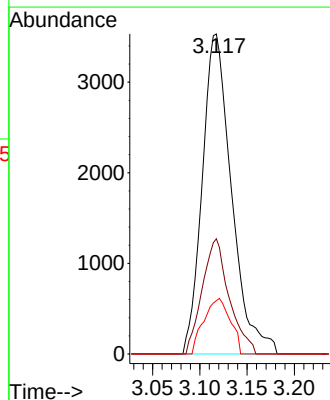
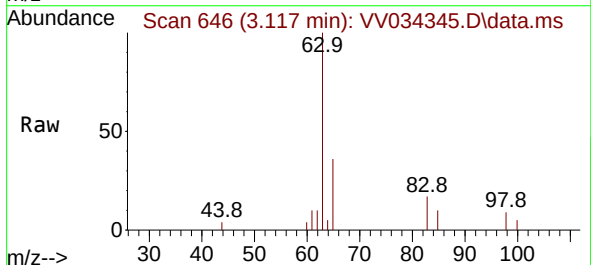
Instrument :
 MSVOA_V
 ClientSampleId :
 C0AC2

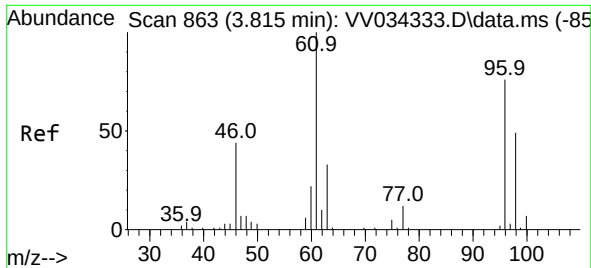
Tgt Ion: 96 Resp: 38706
 Ion Ratio Lower Upper
 96 100
 61 181.8 128.8 239.2
 63 104.3 97.9 181.9



#19
 1,1-Dichloroethane
 Concen: 0.761 ug/L
 RT: 3.117 min Scan# 646
 Delta R.T. 0.006 min
 Lab File: VV034345.D
 Acq: 22 Feb 2024 14:26

Tgt Ion: 63 Resp: 7604
 Ion Ratio Lower Upper
 63 100
 65 36.0 20.8 38.6
 83 16.6 9.4 17.4

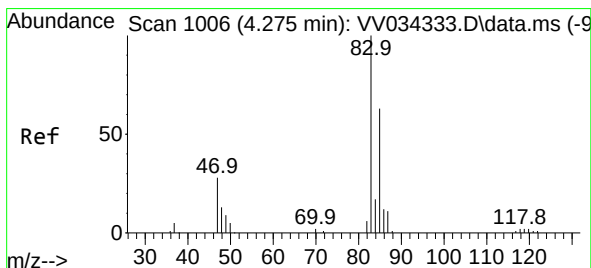
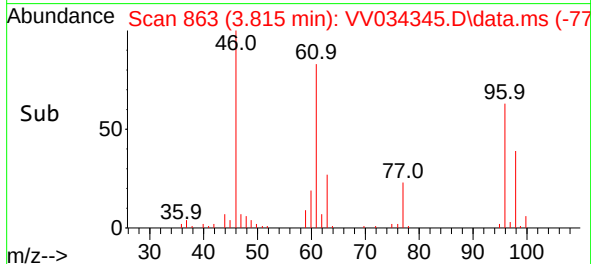
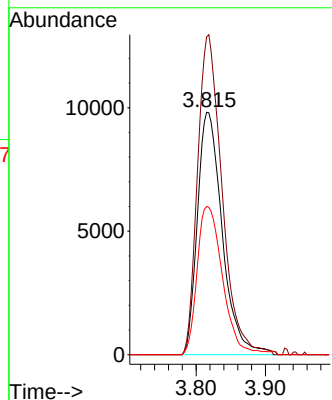
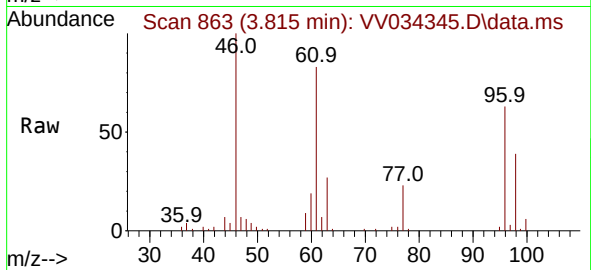




#22
 cis-1,2-Dichloroethene
 Concen: 3.973 ug/L
 RT: 3.815 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: VV034345.D
 Acq: 22 Feb 2024 14:26

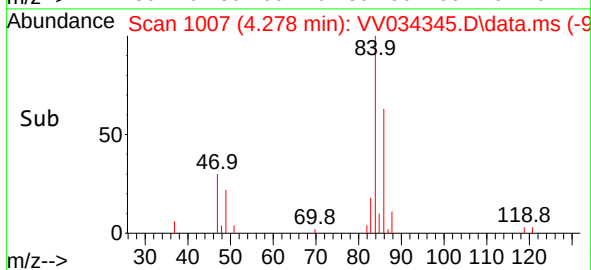
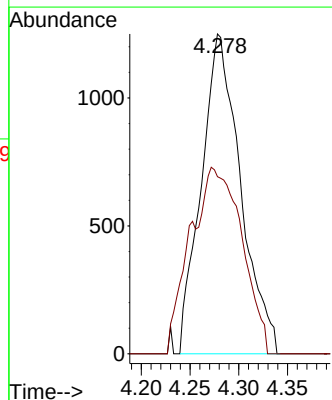
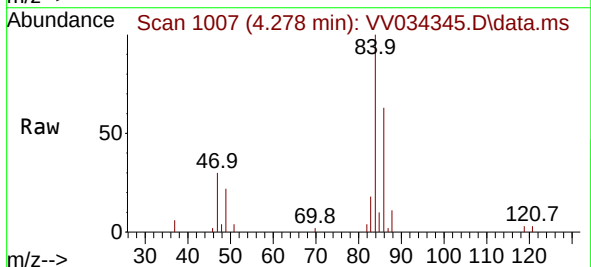
Instrument :
 MSVOA_V
 ClientSampleId :
 C0AC2

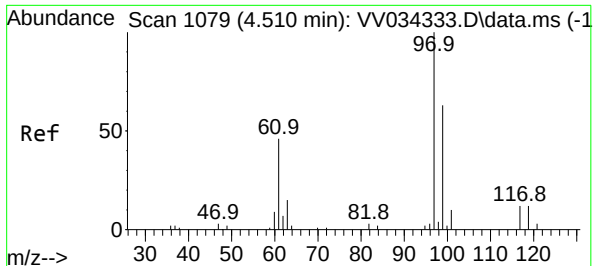
Tgt Ion: 96 Resp: 24501
 Ion Ratio Lower Upper
 96 100
 61 131.0 90.3 167.7
 98 61.1 43.2 80.2



#25
 Chloroform
 Concen: 0.347 ug/L
 RT: 4.278 min Scan# 1007
 Delta R.T. 0.003 min
 Lab File: VV034345.D
 Acq: 22 Feb 2024 14:26

Tgt Ion: 83 Resp: 3503
 Ion Ratio Lower Upper
 83 100
 85 55.4 47.5 88.1





#29

1,1,1-Trichloroethane

Concen: 0.310 ug/L

RT: 4.513 min Scan# 1152

Delta R.T. 0.003 min

Lab File: VV034345.D

Acq: 22 Feb 2024 14:26

Instrument :

MSVOA_V

ClientSampleId :

C0AC2

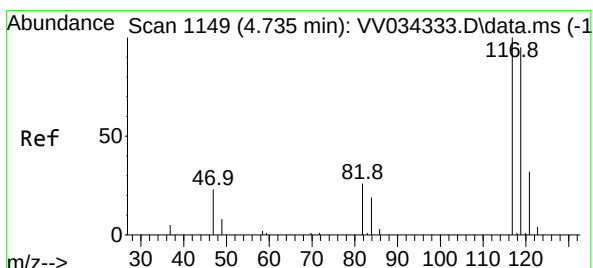
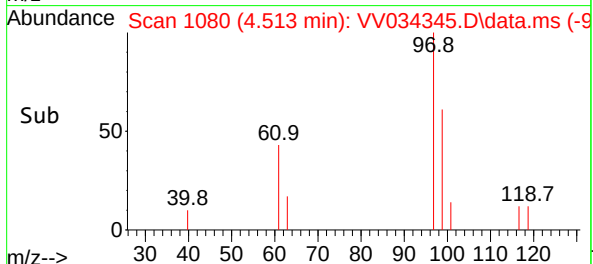
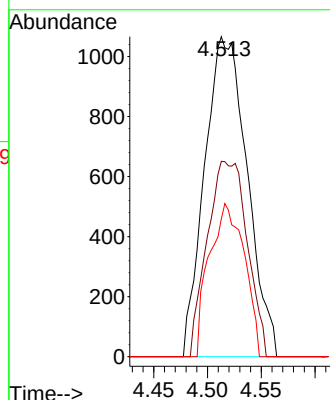
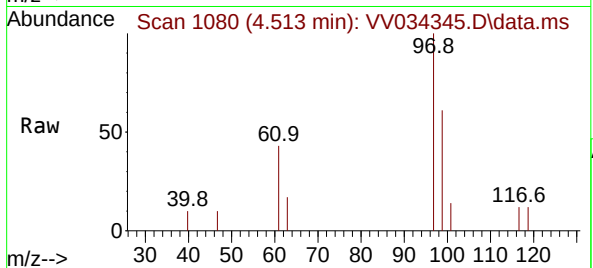
Tgt Ion: 97 Resp: 2931

Ion Ratio Lower Upper

97 100

99 57.4 50.6 75.8

61 39.3 36.8 55.2



#31

Carbon tetrachloride

Concen: 0.178 ug/L

RT: 4.744 min Scan# 1152

Delta R.T. 0.010 min

Lab File: VV034345.D

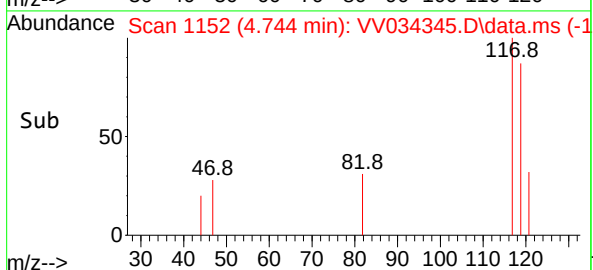
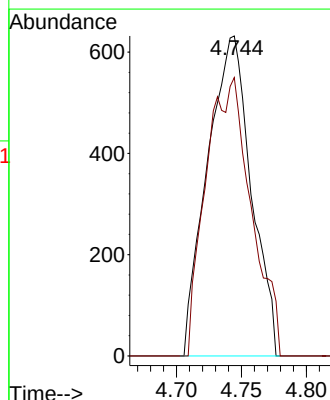
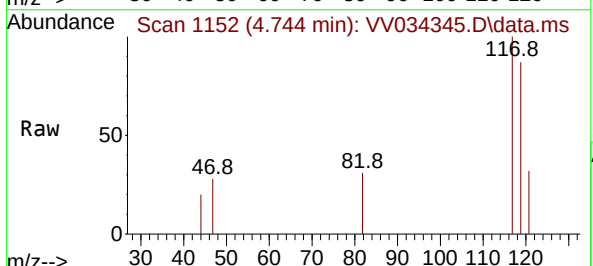
Acq: 22 Feb 2024 14:26

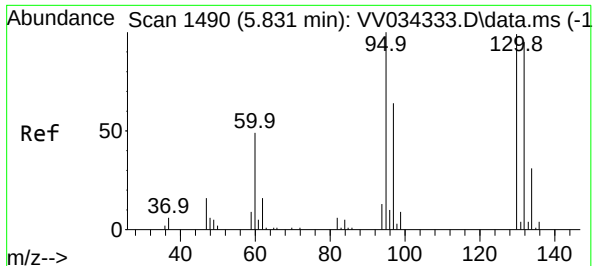
Tgt Ion: 117 Resp: 1478

Ion Ratio Lower Upper

117 100

119 43.5 76.1 114.1#

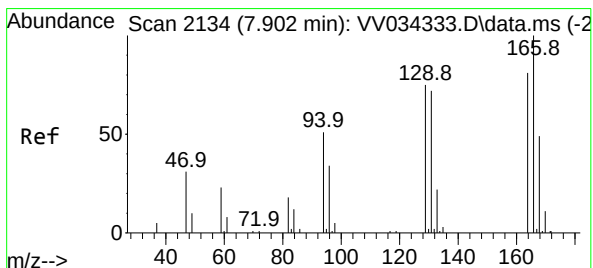
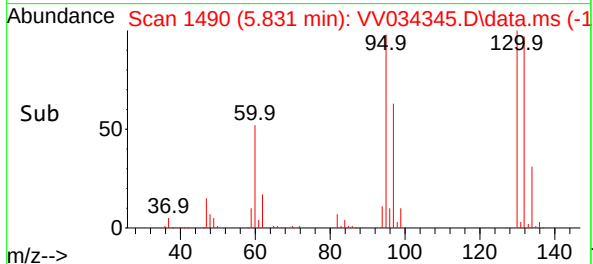
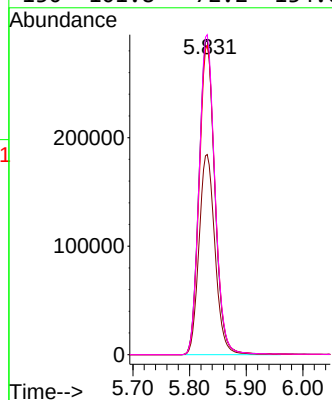
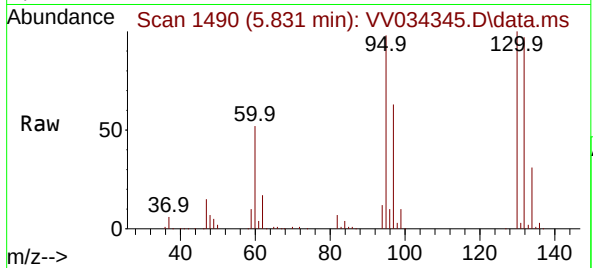




#34
Trichloroethene
Concen: 92.069 ug/L
RT: 5.831 min Scan# 1490
Delta R.T. 0.000 min
Lab File: VV034345.D
Acq: 22 Feb 2024 14:26

Instrument :
MSVOA_V
ClientSampleId :
C0AC2

Tgt Ion: 95 Resp: 563554
Ion Ratio Lower Upper
95 100
97 63.7 45.1 83.7
132 98.5 66.0 122.6
130 101.8 72.2 134.0



#47
Tetrachloroethene
Concen: 2.469 ug/L
RT: 7.908 min Scan# 2136
Delta R.T. 0.006 min
Lab File: VV034345.D
Acq: 22 Feb 2024 14:26

Tgt Ion: 164 Resp: 12282
Ion Ratio Lower Upper
164 100
129 88.2 67.8 125.8
131 86.2 63.0 117.0
166 116.3 92.6 172.0

