

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW021524\
 Data File : VW034192.D
 Acq On : 15 Feb 2024 16:17
 Operator : SY/MD
 Sample : P1498-05
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AE2

Quant Time: Feb 16 00:43:26 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)

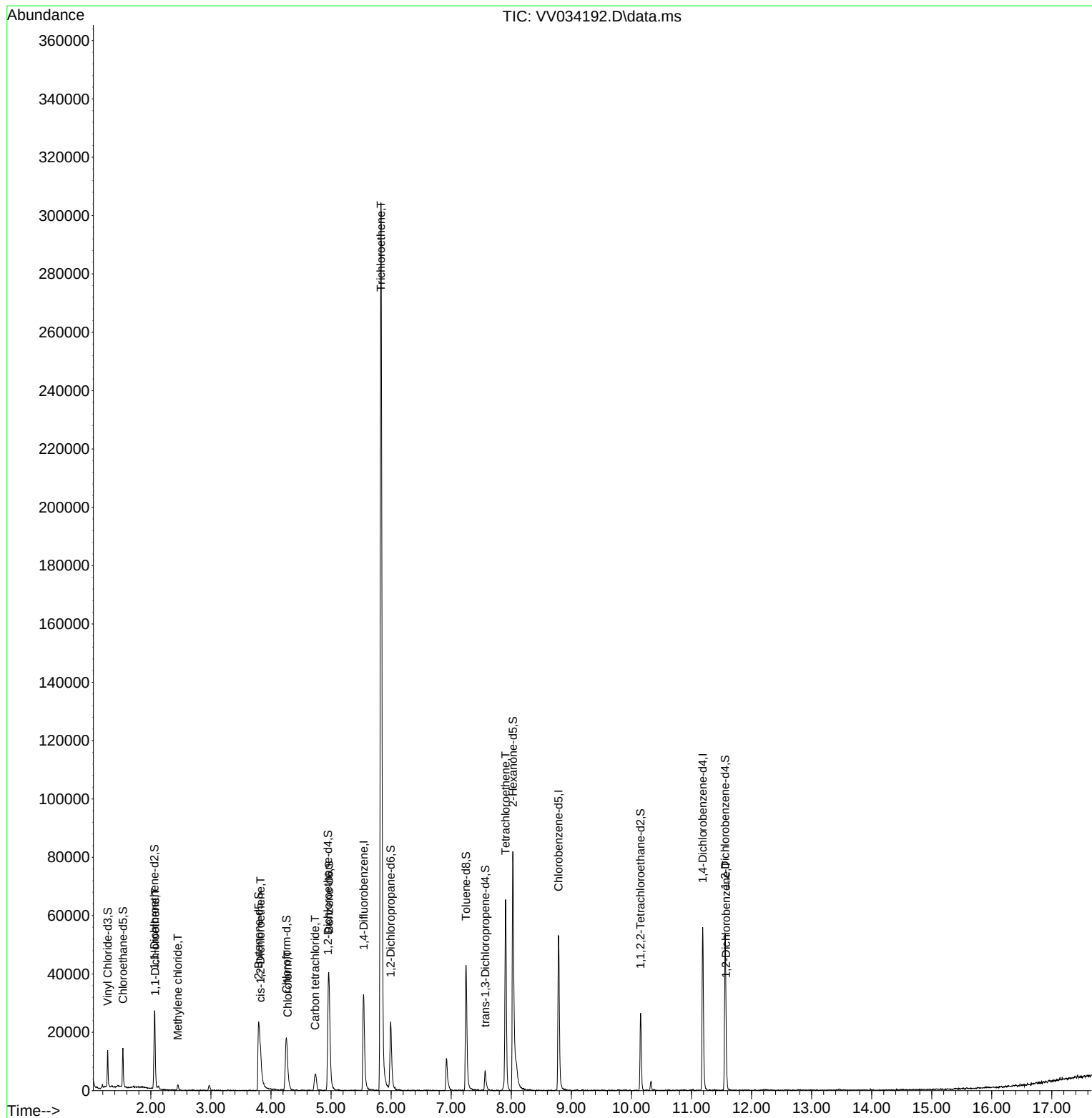
Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	30157	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	30399	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	14671	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	7976	3.415	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	68.400%	
7) Chloroethane-d5	1.536	69	7696	3.762	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	75.200%	
11) 1,1-Dichloroethene-d2	2.060	65	4131	3.668	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	73.400%	
20) 2-Butanone-d5	3.793	46	37022	94.382	ug/L	-0.03
Spiked Amount	50.000	Range 40 - 130	Recovery	=	188.760%#	
24) Chloroform-d	4.256	84	19783	4.661	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	93.200%	
26) 1,2-Dichloroethane-d4	4.950	65	13346	6.729	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	134.600%#	
32) Benzene-d6	4.966	84	34977	3.835	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	76.800%	
36) 1,2-Dichloropropane-d6	5.992	67	10241	4.017	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	80.400%	
41) Toluene-d8	7.246	98	31338	3.739	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	74.800%	
43) trans-1,3-Dichloroprop...	7.567	79	4951	5.143	ug/L	0.01
Spiked Amount	5.000	Range 55 - 130	Recovery	=	102.800%	
46) 2-Hexanone-d5	8.027	63	28908	84.120	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	168.240%#	
56) 1,1,2,2-Tetrachloroeth...	10.153	84	11378	7.362	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	147.200%#	
66) 1,2-Dichlorobenzene-d4	11.561	152	14106	5.287	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	105.800%	
Target Compounds						
12) 1,1-Dichloroethene	2.073	96	900	0.427	ug/L #	1
16) Methylene chloride	2.449	84	735	0.364	ug/L	96
22) cis-1,2-Dichloroethene	3.825	96	4059	1.667	ug/L	86
25) Chloroform	4.278	83	2540	0.637	ug/L	98
31) Carbon tetrachloride	4.735	117	4970	1.392	ug/L	93
34) Trichloroethene	5.831	95	102478	38.836	ug/L	98
47) Tetrachloroethene	7.905	164	14135	6.593	ug/L	97
67) 1,2-Dichlorobenzene	11.577	146	1086	0.267	ug/L #	82

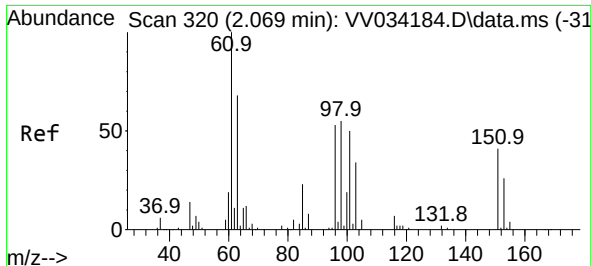
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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





#12

1,1-Dichloroethene

Concen: 0.427 ug/L

RT: 2.073 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV034192.D

Acq: 15 Feb 2024 16:17

Instrument :

MSVOA_V

ClientSampleId :

C0AE2

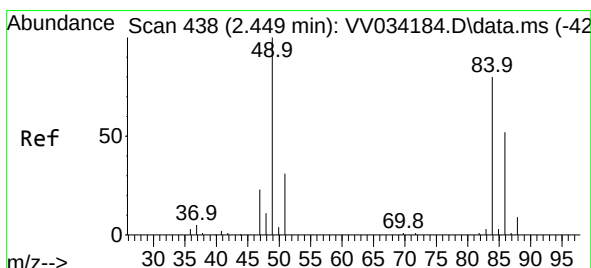
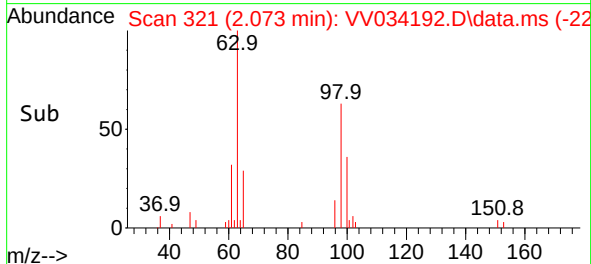
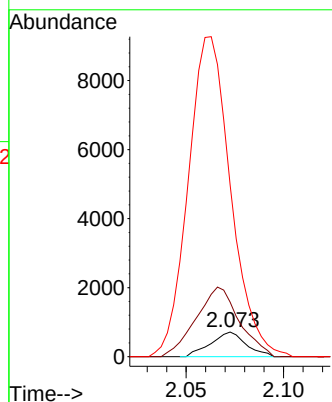
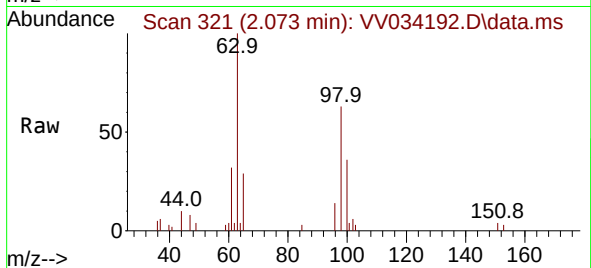
Tgt Ion: 96 Resp: 900

Ion Ratio Lower Upper

96 100

61 221.9 128.8 239.2

63 699.2 97.9 181.9#



#16

Methylene chloride

Concen: 0.364 ug/L

RT: 2.449 min Scan# 438

Delta R.T. -0.000 min

Lab File: VV034192.D

Acq: 15 Feb 2024 16:17

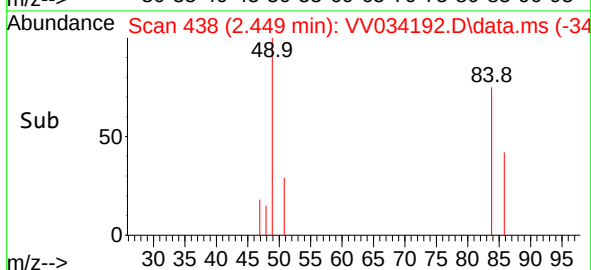
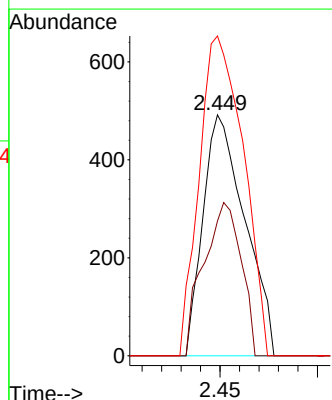
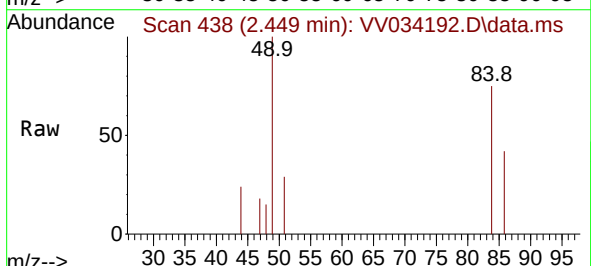
Tgt Ion: 84 Resp: 735

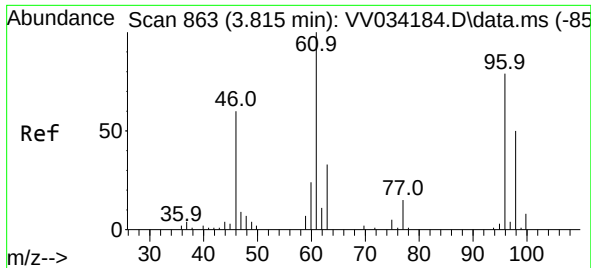
Ion Ratio Lower Upper

84 100

86 55.9 44.7 83.1

49 132.7 93.7 173.9





#22

cis-1,2-Dichloroethene

Concen: 1.667 ug/L

RT: 3.825 min Scan# 80

Delta R.T. 0.010 min

Lab File: VV034192.D

Acq: 15 Feb 2024 16:17

Instrument :

MSVOA_V

ClientSampleId :

C0AE2

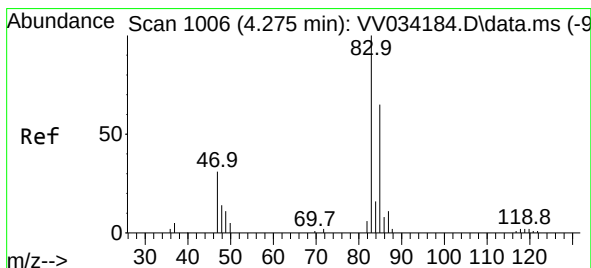
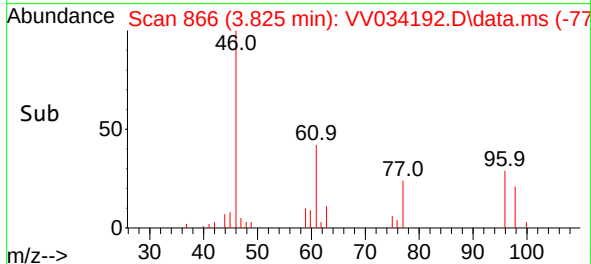
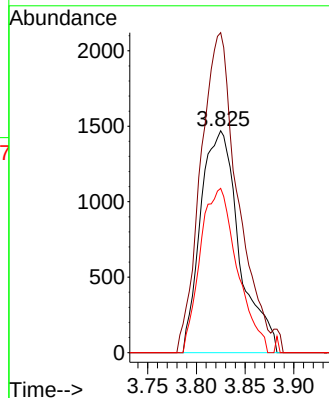
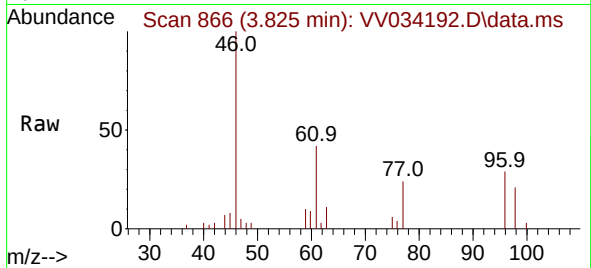
Tgt Ion: 96 Resp: 4059

Ion Ratio Lower Upper

96 100

61 144.2 90.3 167.7

98 74.0 43.2 80.2



#25

Chloroform

Concen: 0.637 ug/L

RT: 4.278 min Scan# 1007

Delta R.T. 0.003 min

Lab File: VV034192.D

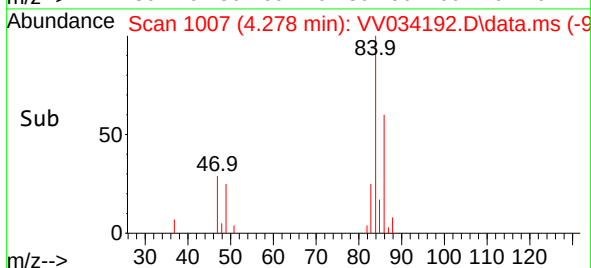
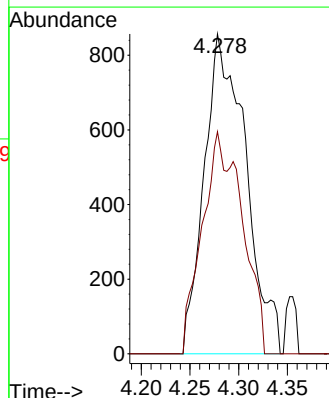
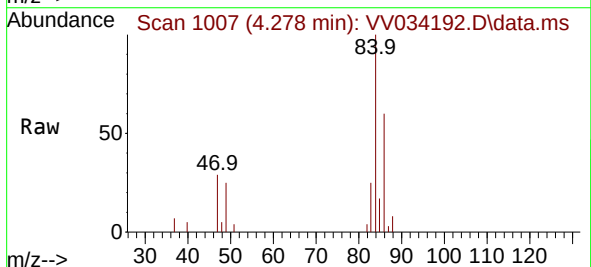
Acq: 15 Feb 2024 16:17

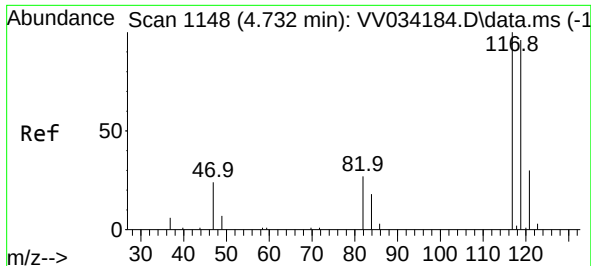
Tgt Ion: 83 Resp: 2540

Ion Ratio Lower Upper

83 100

85 69.4 47.5 88.1

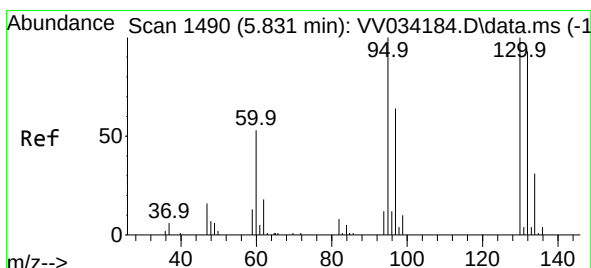
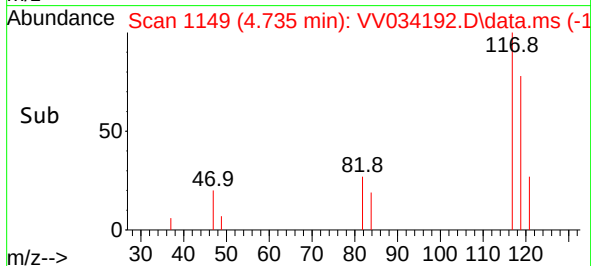
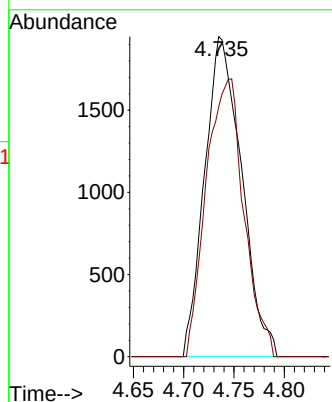
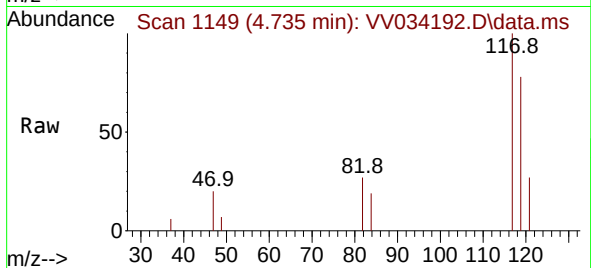




#31
Carbon tetrachloride
Concen: 1.392 ug/L
RT: 4.735 min Scan# 1148
Delta R.T. 0.003 min
Lab File: VV034192.D
Acq: 15 Feb 2024 16:17

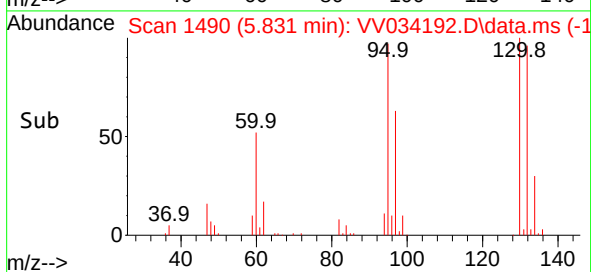
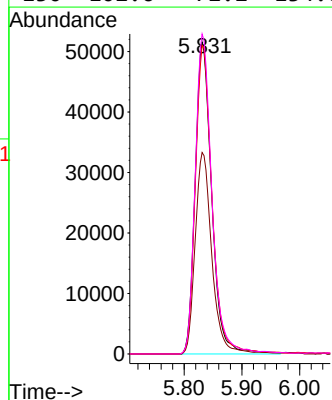
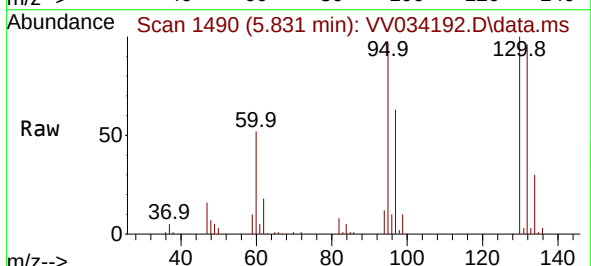
Instrument :
MSVOA_V
ClientSampleId :
C0AE2

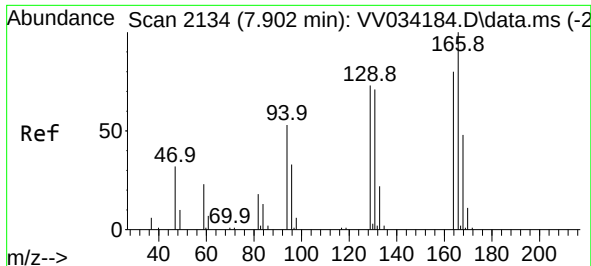
Tgt Ion:117 Resp: 4970
Ion Ratio Lower Upper
117 100
119 88.4 76.1 114.1



#34
Trichloroethene
Concen: 38.836 ug/L
RT: 5.831 min Scan# 1490
Delta R.T. -0.000 min
Lab File: VV034192.D
Acq: 15 Feb 2024 16:17

Tgt Ion: 95 Resp: 102478
Ion Ratio Lower Upper
95 100
97 64.6 45.1 83.7
132 98.9 66.0 122.6
130 102.6 72.2 134.0

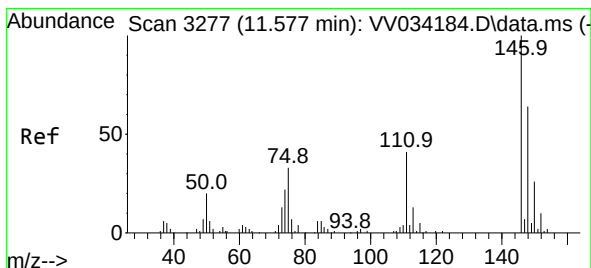
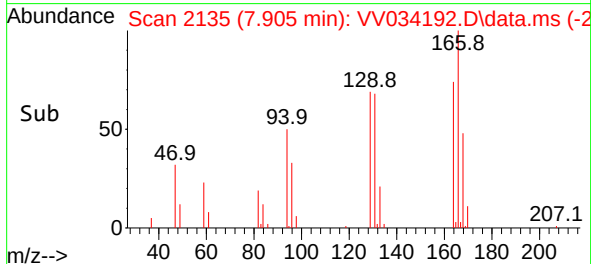
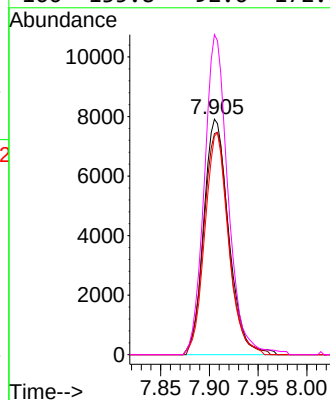
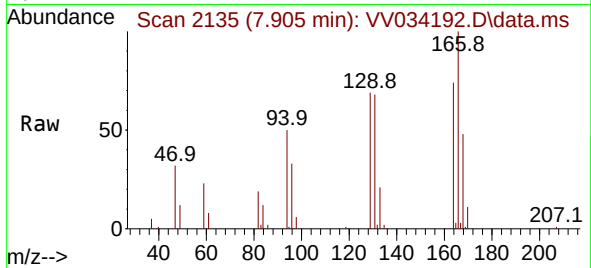




#47
Tetrachloroethene
Concen: 6.593 ug/L
RT: 7.905 min Scan# 2135
Delta R.T. 0.003 min
Lab File: VV034192.D
Acq: 15 Feb 2024 16:17

Instrument :
MSVOA_V
ClientSampleId :
C0AE2

Tgt Ion:164 Resp: 14135
Ion Ratio Lower Upper
164 100
129 93.9 67.8 125.8
131 92.8 63.0 117.0
166 135.8 92.6 172.0



#67
1,2-Dichlorobenzene
Concen: 0.267 ug/L
RT: 11.577 min Scan# 3277
Delta R.T. -0.000 min
Lab File: VV034192.D
Acq: 15 Feb 2024 16:17

Tgt Ion:146 Resp: 1086
Ion Ratio Lower Upper
146 100
111 56.2 31.2 46.8#
148 71.5 49.8 74.8

