

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW022124\
 Data File : VW034327.D
 Acq On : 21 Feb 2024 18:23
 Operator : SY/MD
 Sample : P1498-02
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AC4

Quant Time: Feb 22 00:24:08 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012524WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Feb 22 00:18:57 2024
 Response via : Initial Calibration

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

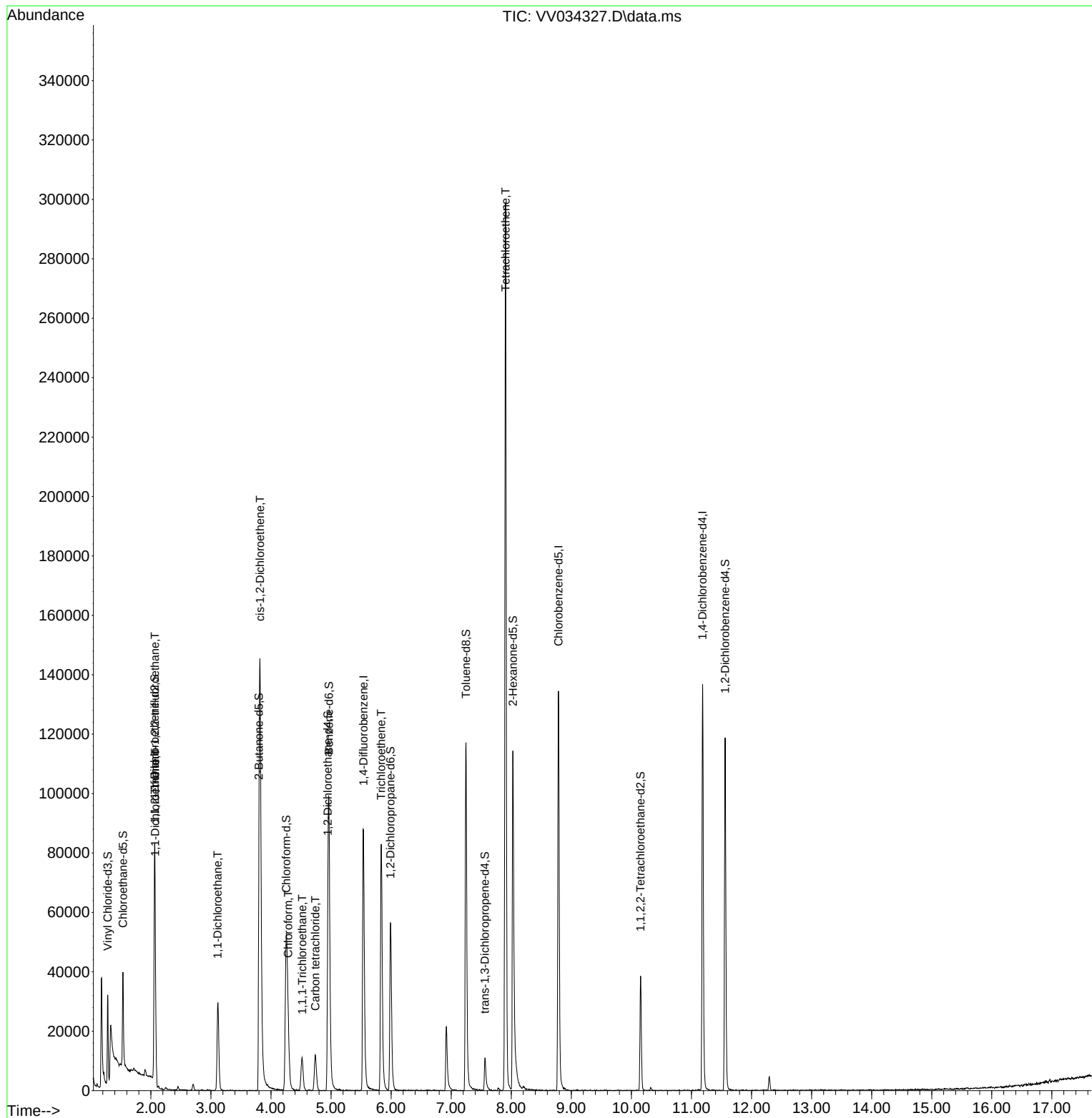
Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	79087	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	72016	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	35452	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	19300	3.151	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	63.000%
7) Chloroethane-d5	1.535	69	18948	3.532	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	70.600%
11) 1,1-Dichloroethene-d2	2.063	65	10128	3.429	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.600%
20) 2-Butanone-d5	3.799	46	52560	51.094	ug/L	-0.04
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.180%
24) Chloroform-d	4.252	84	50967	4.579	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.600%
26) 1,2-Dichloroethane-d4	4.947	65	25002	4.807	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.200%
32) Benzene-d6	4.963	84	90293	4.179	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.600%
36) 1,2-Dichloropropane-d6	5.989	67	26115	4.324	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.400%
41) Toluene-d8	7.246	98	79638	4.010	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.200%
43) trans-1,3-Dichloroprop...	7.561	79	7864	3.448	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	69.000%
46) 2-Hexanone-d5	8.027	63	41057	50.431	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.860%
56) 1,1,2,2-Tetrachloroeth...	10.153	84	18593	5.078	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.600%
66) 1,2-Dichlorobenzene-d4	11.561	152	30663	4.756	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.200%
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	5850	1.028	ug/L	97
12) 1,1-Dichloroethene	2.072	96	3316	0.600	ug/L	# 1
19) 1,1-Dichloroethane	3.114	63	29655	2.868	ug/L	97
22) cis-1,2-Dichloroethene	3.818	96	68739	10.766	ug/L	98
25) Chloroform	4.285	83	21714	2.077	ug/L	100
29) 1,1,1-Trichloroethane	4.519	97	9519	0.985	ug/L	98
31) Carbon tetrachloride	4.738	117	9140	1.080	ug/L	98
34) Trichloroethene	5.834	95	30139	4.821	ug/L	97
47) Tetrachloroethene	7.905	164	61724	12.152	ug/L	98

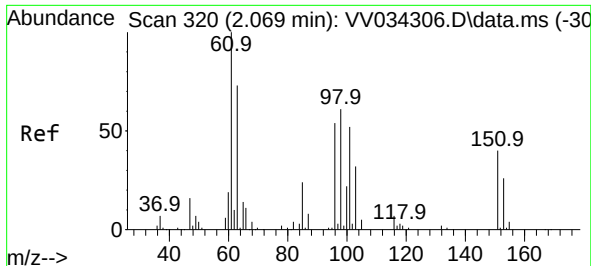
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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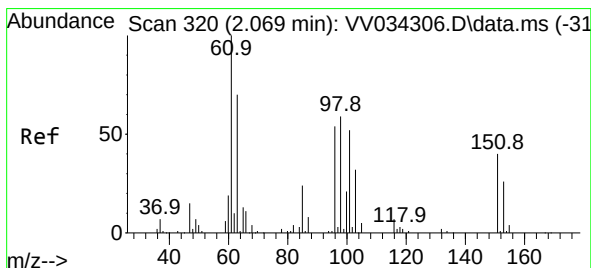
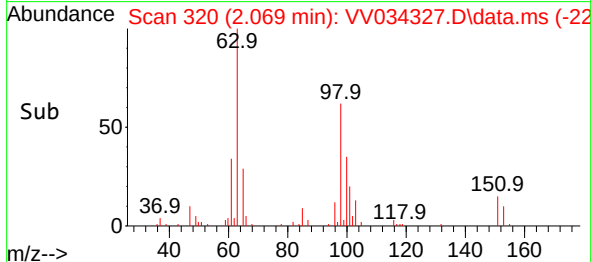
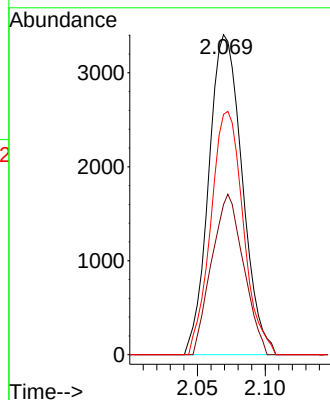
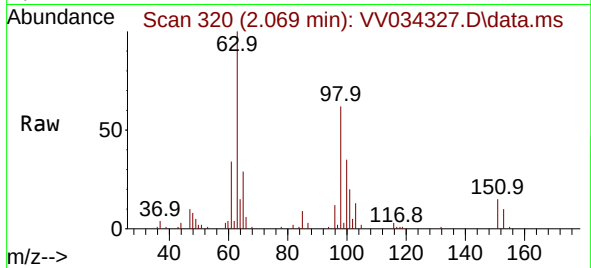




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 1.028 ug/L
 RT: 2.069 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VV034327.D
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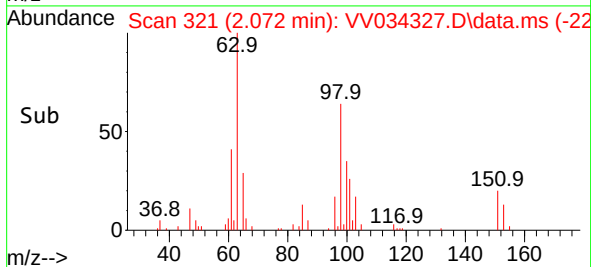
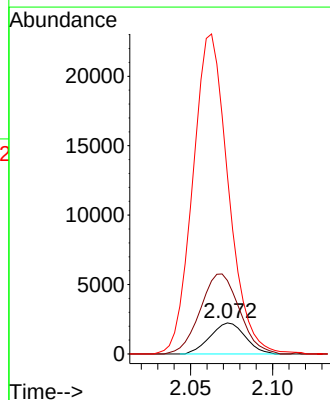
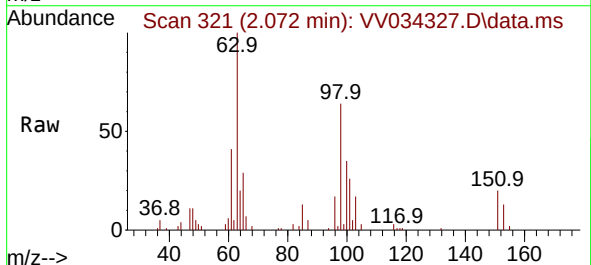
Instrument :
 MSVOA_V
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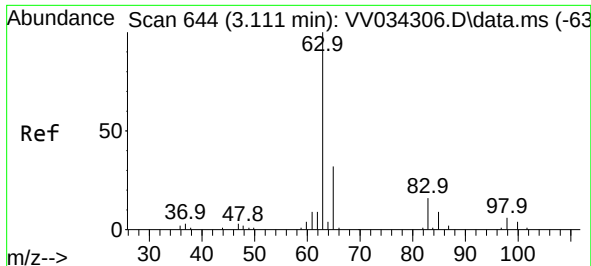
Tgt Ion:101 Resp: 5850
 Ion Ratio Lower Upper
 101 100
 85 47.7 37.1 55.7
 151 73.8 61.7 92.5



#12
 1,1-Dichloroethene
 Concen: 0.600 ug/L
 RT: 2.072 min Scan# 321
 Delta R.T. 0.003 min
 Lab File: VV034327.D
 Acq: 21 Feb 2024 18:23

Tgt Ion: 96 Resp: 3316
 Ion Ratio Lower Upper
 96 100
 61 236.6 128.8 239.2
 63 575.6 97.9 181.9#





#19

1,1-Dichloroethane

Concen: 2.868 ug/L

RT: 3.114 min Scan# 64

Delta R.T. 0.003 min

Lab File: VV034327.D

Acq: 21 Feb 2024 18:23

Instrument :

MSVOA_V

ClientSampleId :

C0AC4

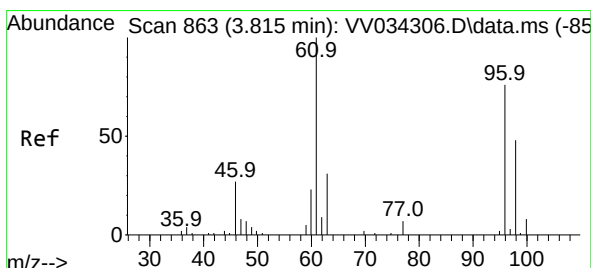
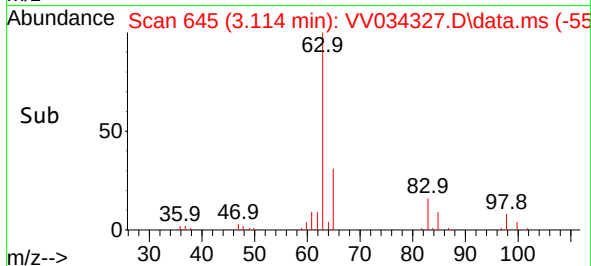
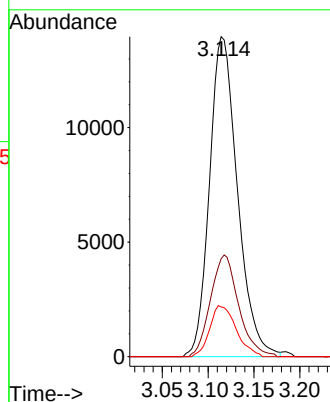
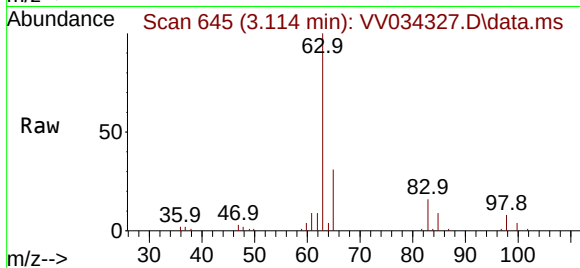
Tgt Ion: 63 Resp: 29655

Ion Ratio Lower Upper

63 100

65 30.6 20.8 38.6

83 15.6 9.4 17.4



#22

cis-1,2-Dichloroethene

Concen: 10.766 ug/L

RT: 3.818 min Scan# 864

Delta R.T. 0.003 min

Lab File: VV034327.D

Acq: 21 Feb 2024 18:23

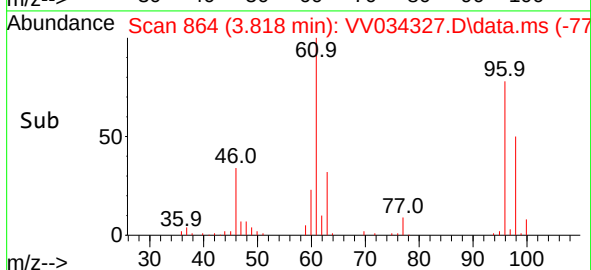
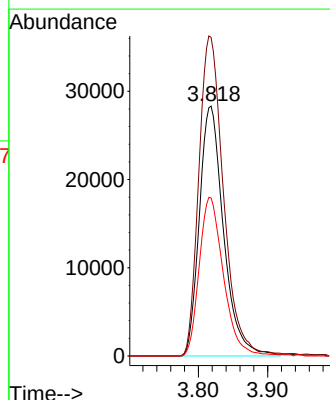
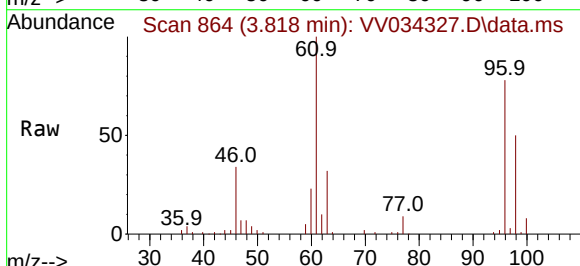
Tgt Ion: 96 Resp: 68739

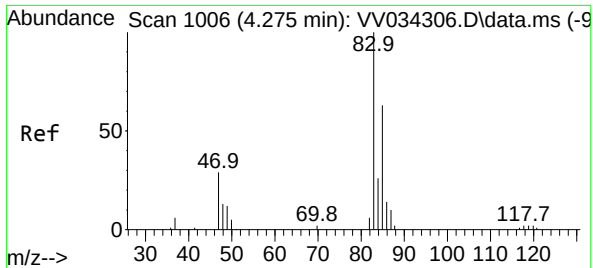
Ion Ratio Lower Upper

96 100

61 127.4 90.3 167.7

98 63.3 43.2 80.2

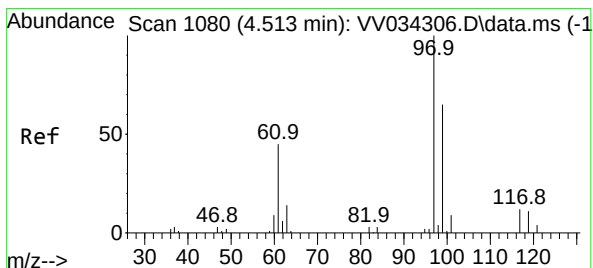
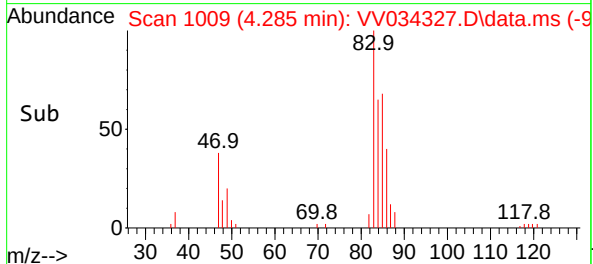
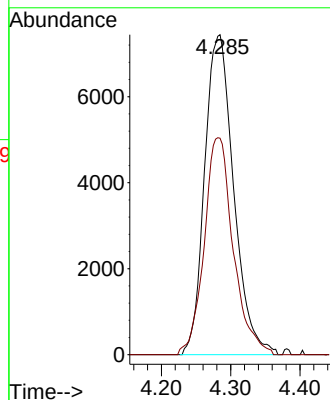
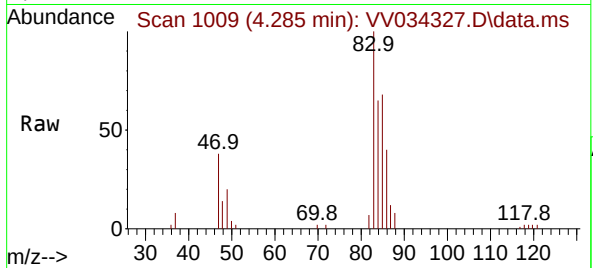




#25
Chloroform
Concen: 2.077 ug/L
RT: 4.285 min Scan# 1009
Delta R.T. 0.010 min
Lab File: VV034327.D
Acq: 21 Feb 2024 18:23

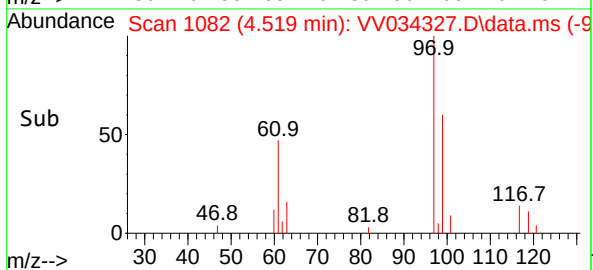
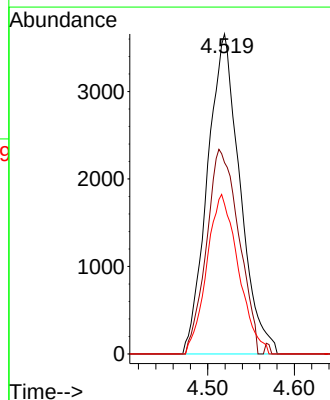
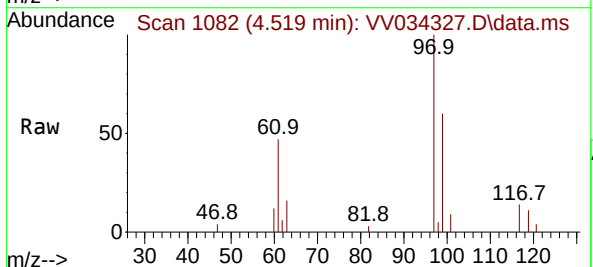
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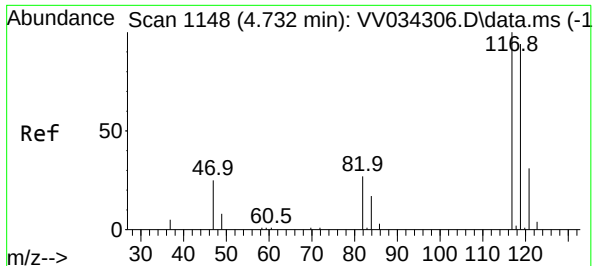
Tgt Ion: 83 Resp: 21714
Ion Ratio Lower Upper
83 100
85 67.6 47.5 88.1



#29
1,1,1-Trichloroethane
Concen: 0.985 ug/L
RT: 4.519 min Scan# 1082
Delta R.T. 0.006 min
Lab File: VV034327.D
Acq: 21 Feb 2024 18:23

Tgt Ion: 97 Resp: 9519
Ion Ratio Lower Upper
97 100
99 63.8 50.6 75.8
61 48.7 36.8 55.2

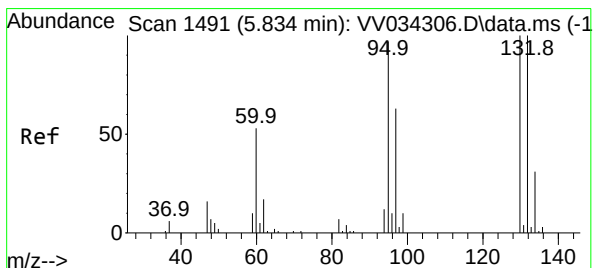
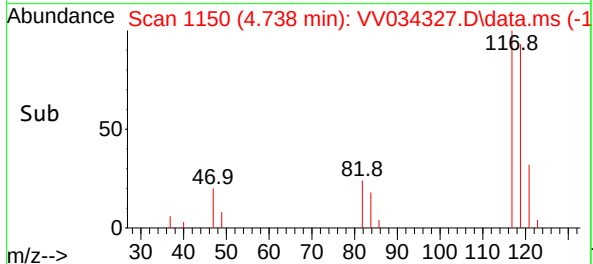
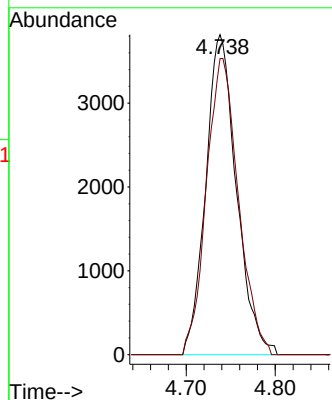
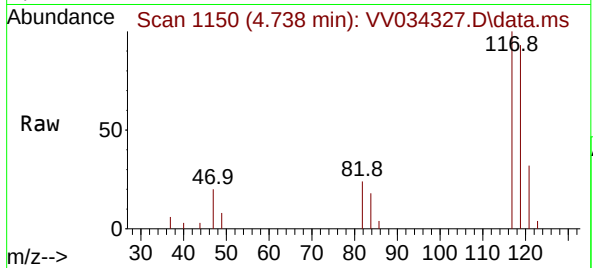




#31
Carbon tetrachloride
Concen: 1.080 ug/L
RT: 4.738 min Scan# 1148
Delta R.T. 0.006 min
Lab File: VV034327.D
Acq: 21 Feb 2024 18:23

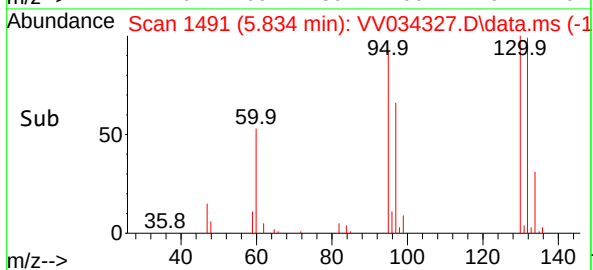
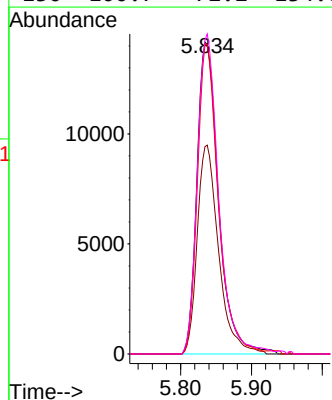
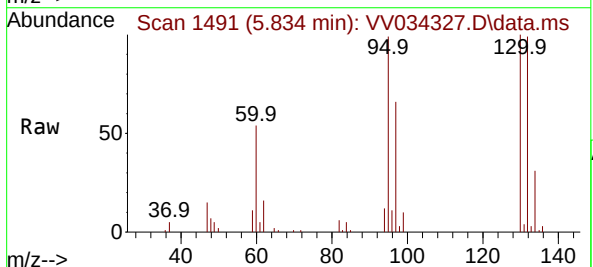
Instrument :
MSVOA_V
ClientSampleId :
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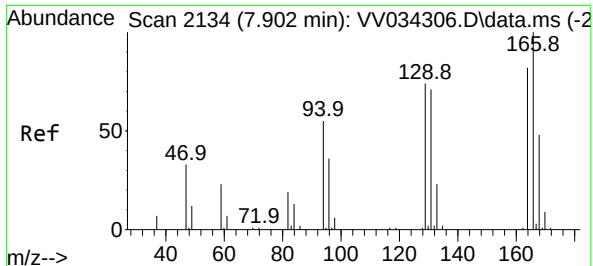
Tgt Ion:117 Resp: 9140
Ion Ratio Lower Upper
117 100
119 96.6 76.1 114.1



#34
Trichloroethene
Concen: 4.821 ug/L
RT: 5.834 min Scan# 1491
Delta R.T. -0.000 min
Lab File: VV034327.D
Acq: 21 Feb 2024 18:23

Tgt Ion: 95 Resp: 30139
Ion Ratio Lower Upper
95 100
97 66.5 45.1 83.7
132 99.4 66.0 122.6
130 100.7 72.2 134.0





#47

Tetrachloroethene

Concen: 12.152 ug/L

RT: 7.905 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV034327.D

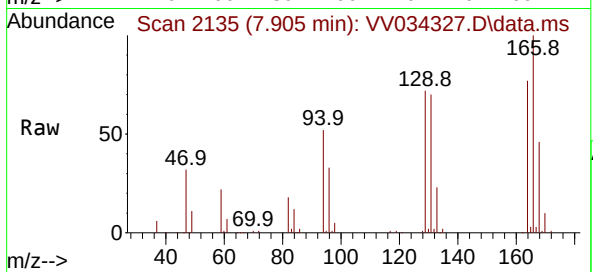
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Instrument :

MSVOA_V

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Tgt Ion:164 Resp: 61724

Ion Ratio Lower Upper

164 100

129 94.1 67.8 125.8

131 91.8 63.0 117.0

166 130.5 92.6 172.0

