

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 :

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)

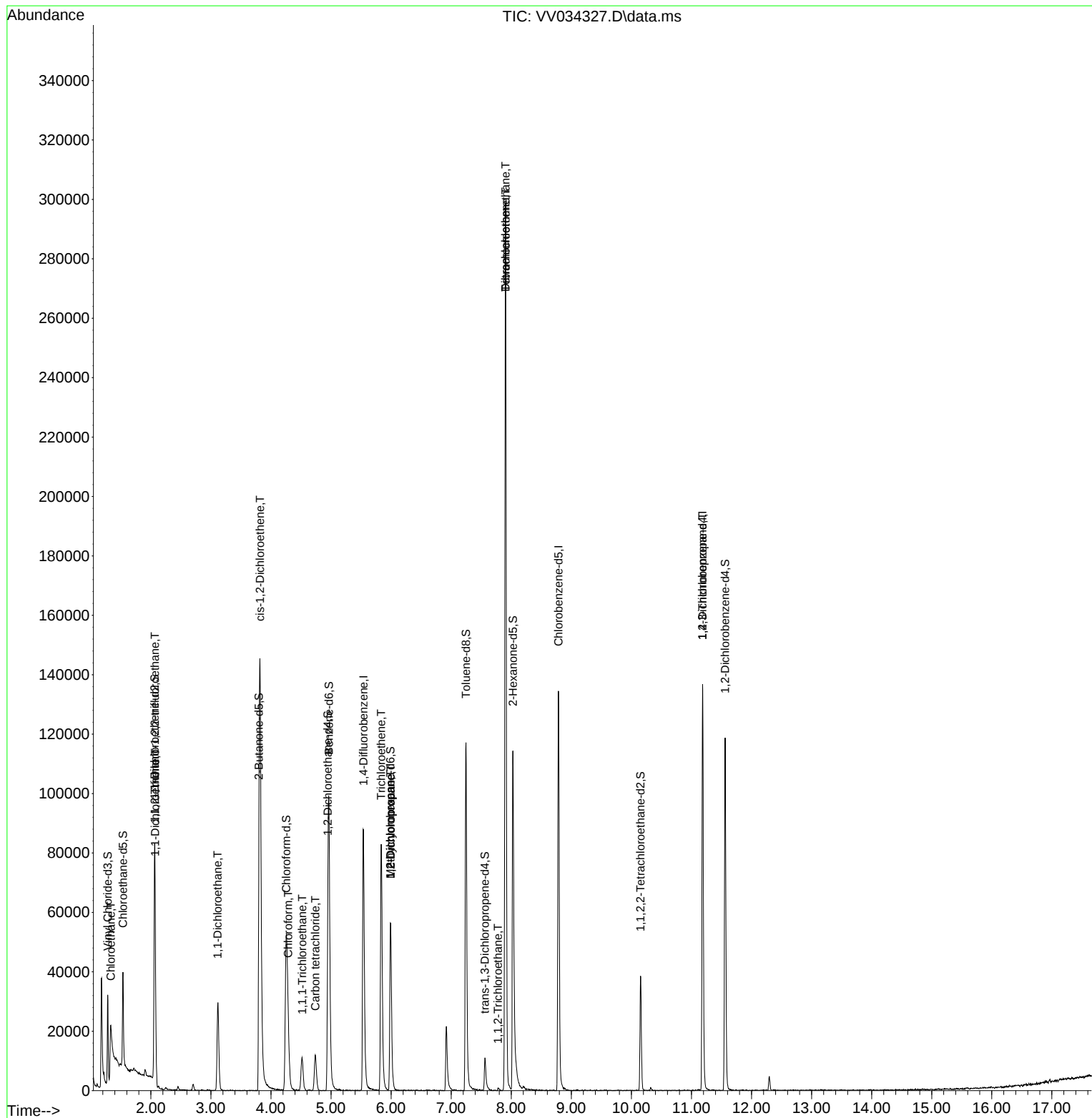
Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	79087	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	72016	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	35452	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	19300	3.151	ug/L	0.00
Spiked Amount	5.000	Range 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
8) Chloroethane	1.333	64	41863	8.123	ug/L #	53
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
35) Methylcyclohexane	5.989	83	6784	0.691	ug/L #	17
37) 1,2-Dichloropropane	5.992	63	3485	0.666	ug/L #	87
45) 1,1,2-Trichloroethane	7.780	97	463	0.143	ug/L #	75
47) Tetrachloroethene	7.905	164	61724	12.152	ug/L	98
49) Dibromochloromethane	7.905	129	56413	14.694	ug/L #	11
61) 1,2,3-Trichloropropane	11.185	75	4206	1.726	ug/L #	63

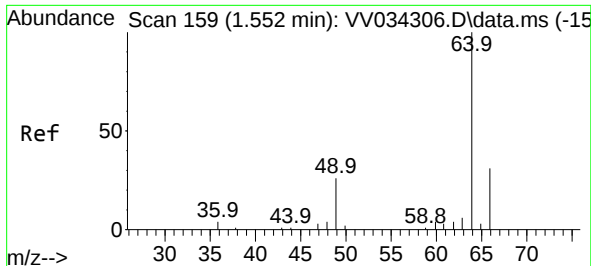
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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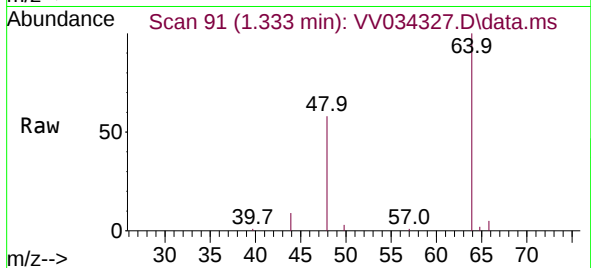
Quant Time: Feb 22 00:24:08 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012524WMA.M
Quant Title : TRACE VOA SFAM1.0
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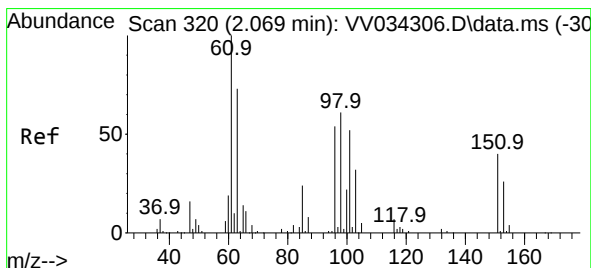
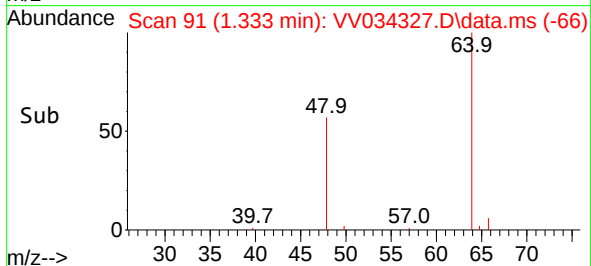
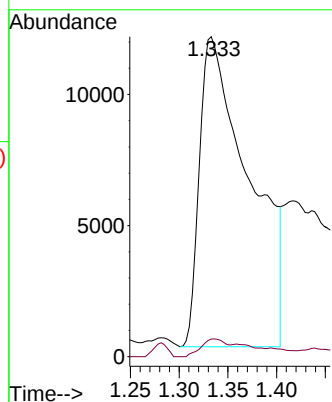


#8
Chloroethane
Concen: 8.123 ug/L
RT: 1.333 min Scan# 91
Delta R.T. -0.219 min
Lab File: VV034327.D
Acq: 21 Feb 2024 18:23

Instrument :
MSVOA_V
ClientSampleId :

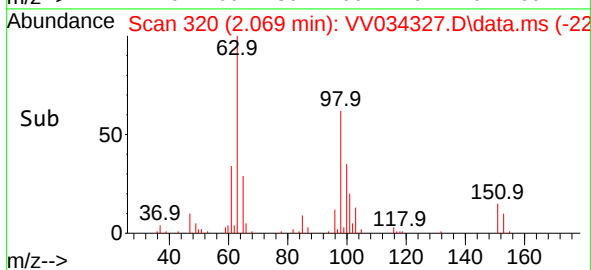
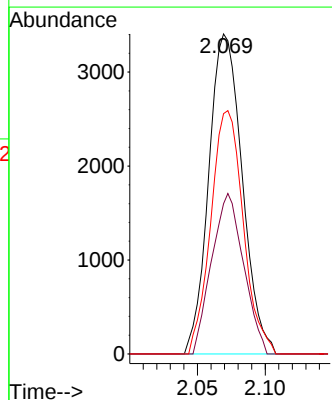
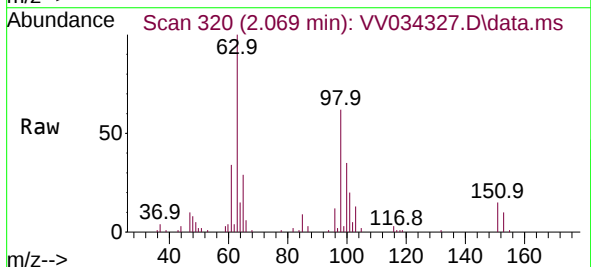


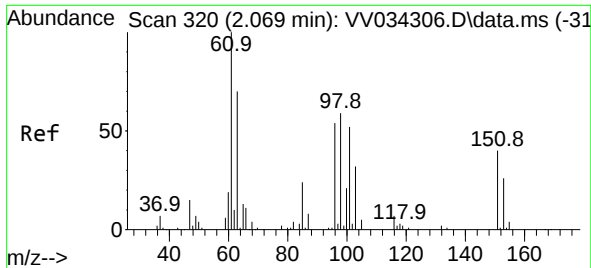
Tgt Ion: 64 Resp: 41863
Ion Ratio Lower Upper
64 100
66 5.4 22.0 41.0#



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 1.028 ug/L
RT: 2.069 min Scan# 320
Delta R.T. -0.000 min
Lab File: VV034327.D
Acq: 21 Feb 2024 18:23

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

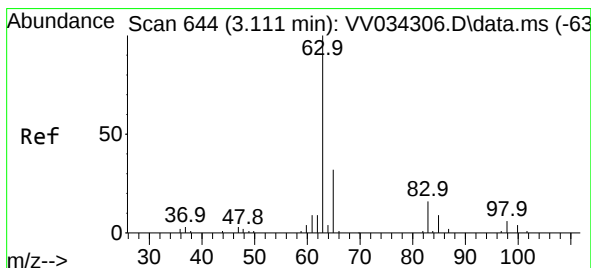
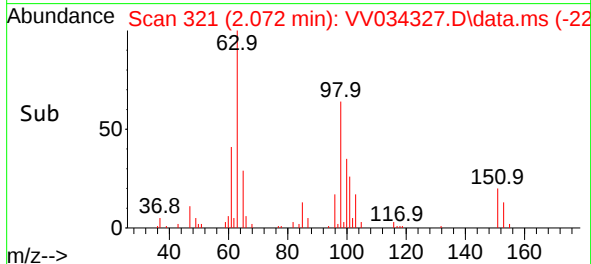
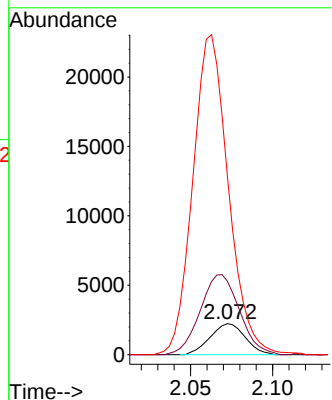
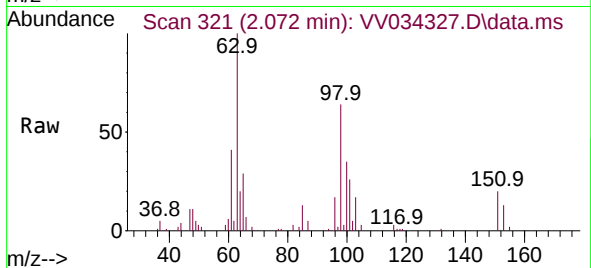




#12
 1,1-Dichloroethene
 Concen: 0.600 ug/L
 RT: 2.072 min Scan# 31
 Delta R.T. 0.003 min
 Lab File: VV034327.D
 Acq: 21 Feb 2024 18:23

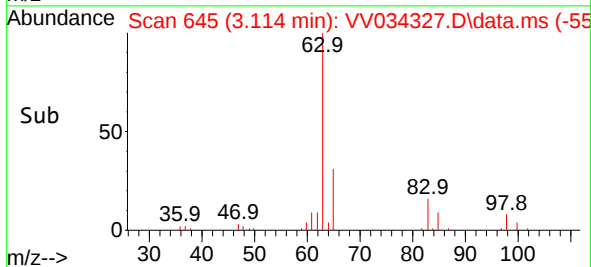
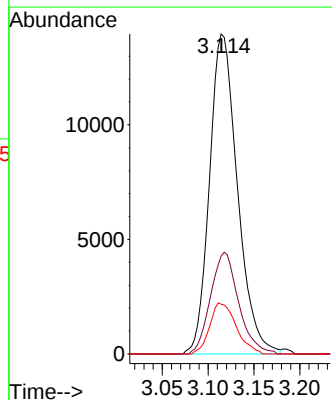
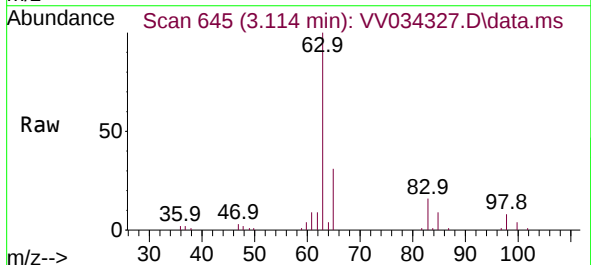
Instrument :
 MSVOA_V
 ClientSampleId :

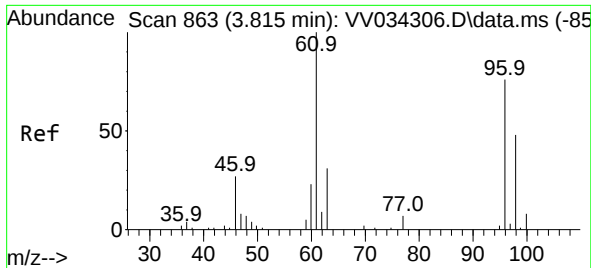
Tgt Ion: 96 Resp: 3316
 Ion Ratio Lower Upper
 96 100
 61 236.6 128.8 239.2
 63 575.6 97.9 181.9#



#19
 1,1-Dichloroethane
 Concen: 2.868 ug/L
 RT: 3.114 min Scan# 645
 Delta R.T. 0.003 min
 Lab File: VV034327.D
 Acq: 21 Feb 2024 18:23

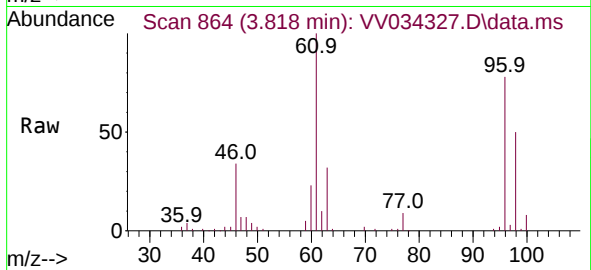
Tgt Ion: 63 Resp: 29655
 Ion Ratio Lower Upper
 63 100
 65 30.6 20.8 38.6
 83 15.6 9.4 17.4



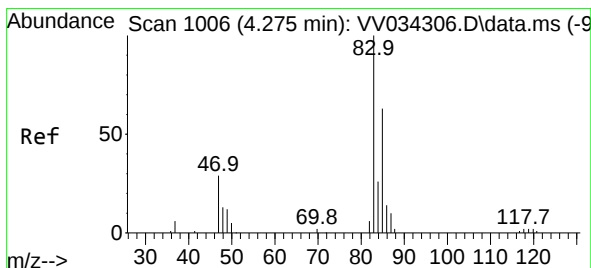
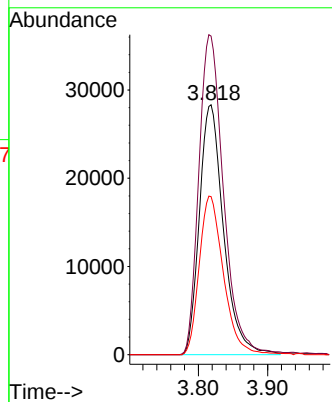
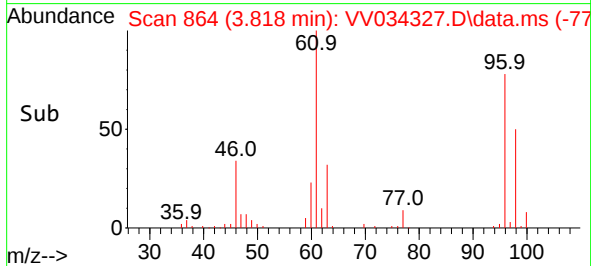


#22
 cis-1,2-Dichloroethene
 Concen: 10.766 ug/L
 RT: 3.818 min Scan# 863
 Delta R.T. 0.003 min
 Lab File: VV034327.D
 Acq: 21 Feb 2024 18:23

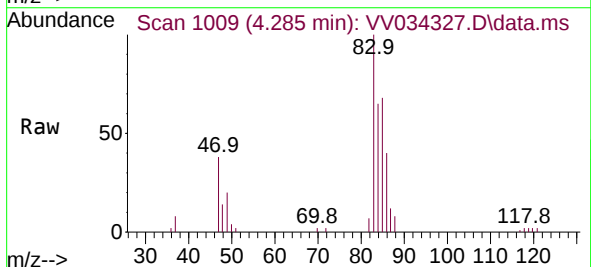
Instrument :
 MSVOA_V
 ClientSampleId :



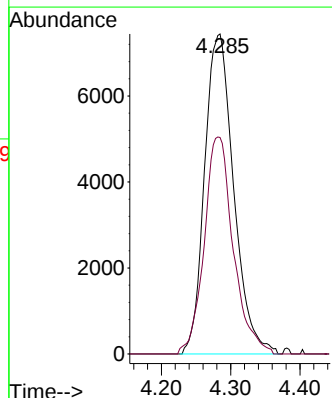
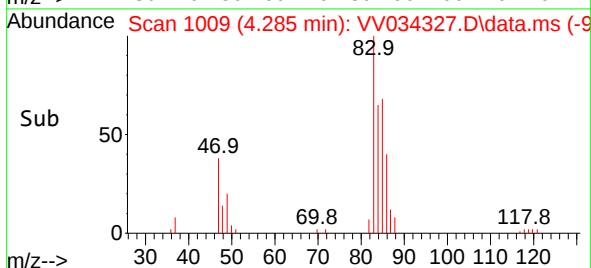
Tgt Ion: 96 Resp: 68739
 Ion Ratio Lower Upper
 96 100
 61 127.4 90.3 167.7
 98 63.3 43.2 80.2

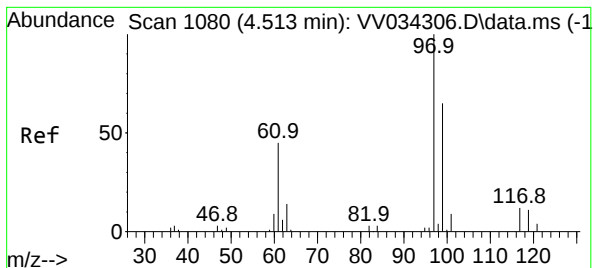


#25
 Chloroform
 Concen: 2.077 ug/L
 RT: 4.285 min Scan# 1009
 Delta R.T. 0.010 min
 Lab File: VV034327.D
 Acq: 21 Feb 2024 18:23



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# 110

Delta R.T. 0.006 min

Lab File: VV034327.D

Acq: 21 Feb 2024 18:23

Instrument :

MSVOA_V

ClientSampleId :

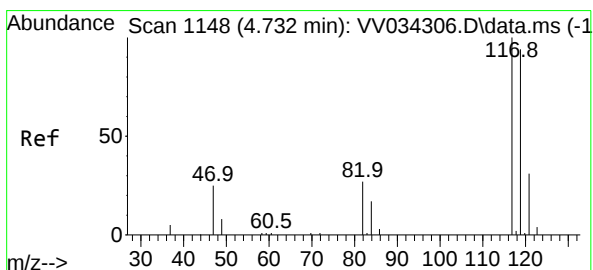
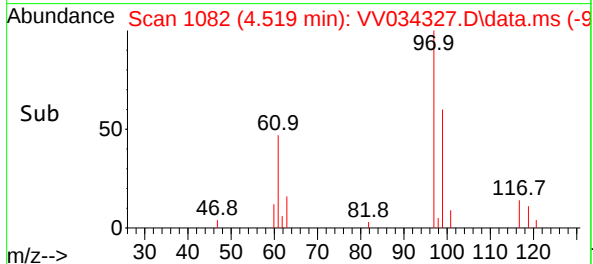
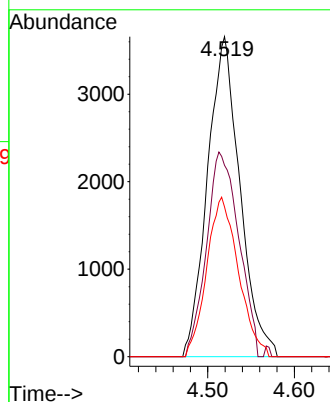
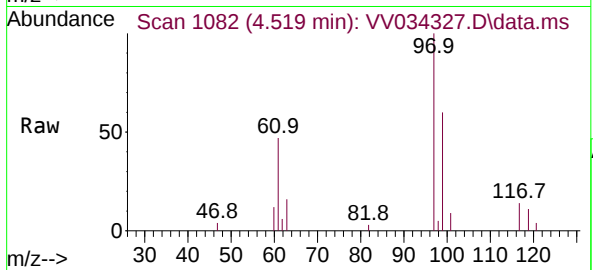
Tgt Ion: 97 Resp: 9519

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# 1150

Delta R.T. 0.006 min

Lab File: VV034327.D

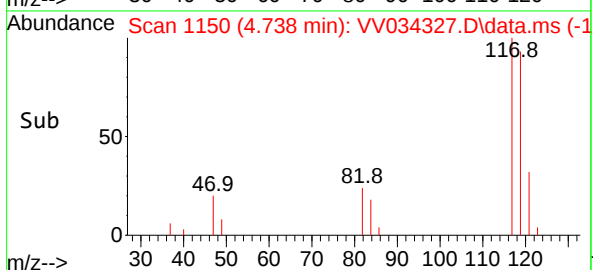
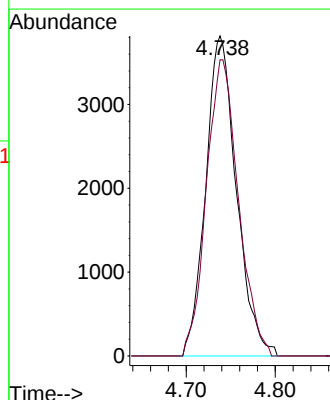
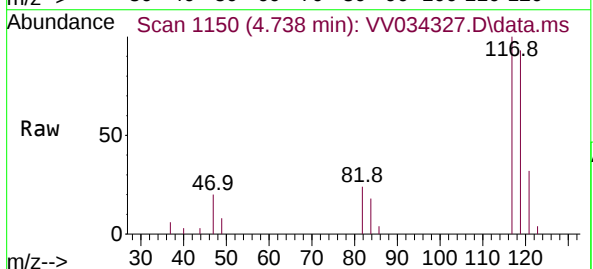
Acq: 21 Feb 2024 18:23

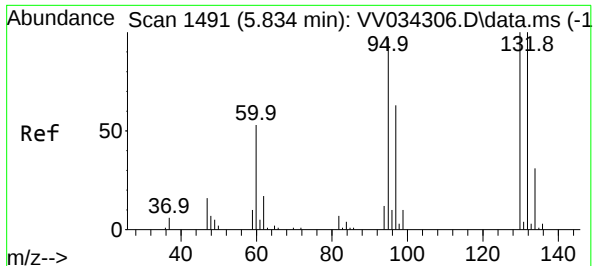
Tgt Ion: 117 Resp: 9140

Ion Ratio Lower Upper

117 100

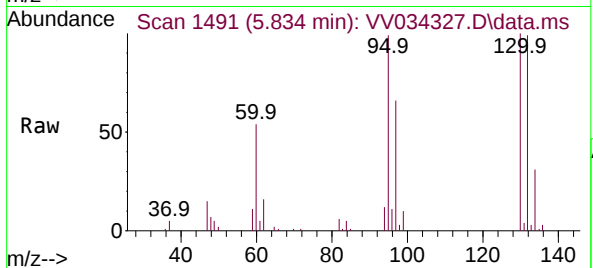
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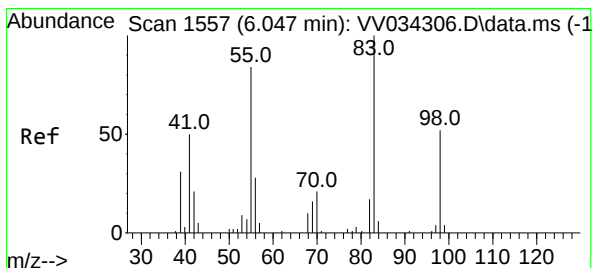
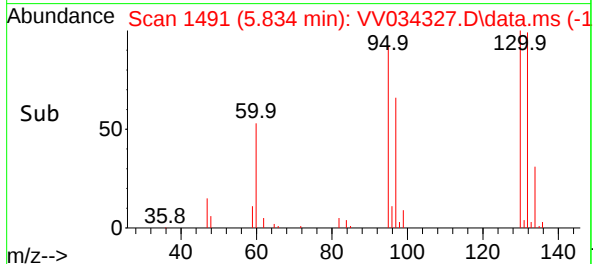
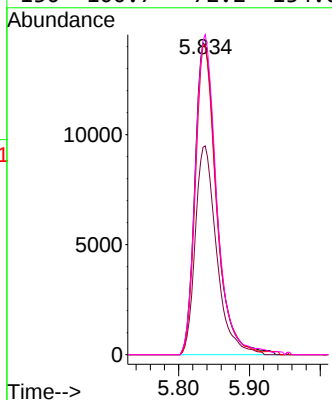
#34
Trichloroethene
Concen: 4.821 ug/L
RT: 5.834 min Scan# 1491
Delta R.T. -0.000 min
Lab File: VV034327.D
Acq: 21 Feb 2024 18:23

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 95 Resp: 30139

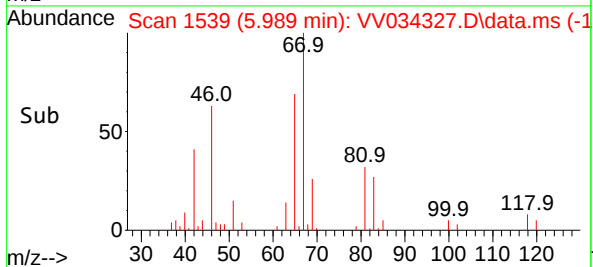
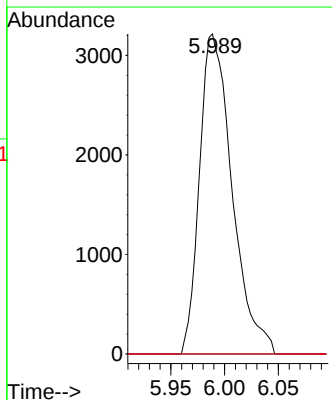
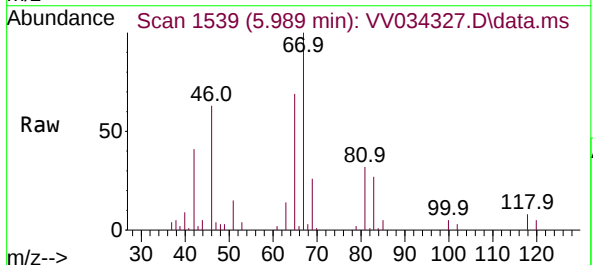
Ion	Ratio	Lower	Upper
95	100		
97	66.5	45.1	83.7
132	99.4	66.0	122.6
130	100.7	72.2	134.0

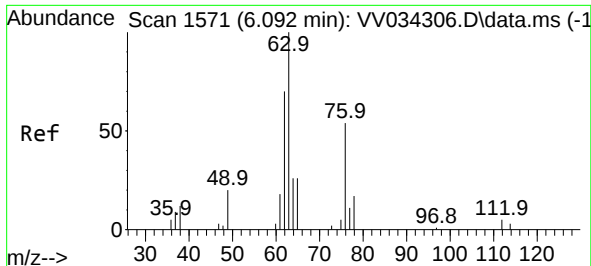


#35
Methylcyclohexane
Concen: 0.691 ug/L
RT: 5.989 min Scan# 1539
Delta R.T. -0.058 min
Lab File: VV034327.D
Acq: 21 Feb 2024 18:23

Tgt Ion: 83 Resp: 6784

Ion	Ratio	Lower	Upper
83	100		
55	0.0	63.5	95.3#
98	0.0	39.0	58.4#





#37

1,2-Dichloropropane

Concen: 0.666 ug/L

RT: 5.992 min Scan# 1

Delta R.T. -0.100 min

Lab File: VV034327.D

Acq: 21 Feb 2024 18:23

Instrument :

MSVOA_V

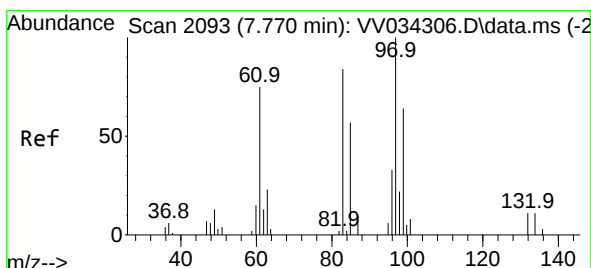
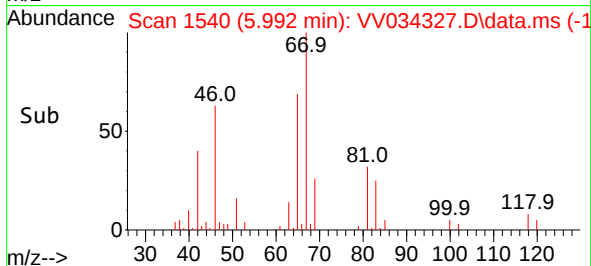
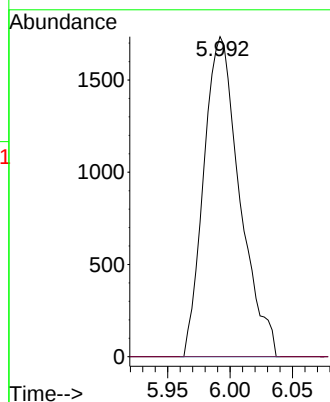
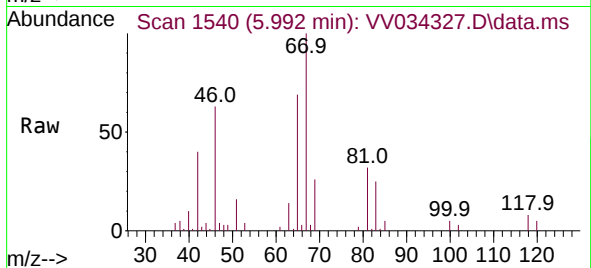
ClientSampleId :

Tgt Ion: 63 Resp: 3485

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.0#



#45

1,1,2-Trichloroethane

Concen: 0.143 ug/L

RT: 7.780 min Scan# 2096

Delta R.T. 0.010 min

Lab File: VV034327.D

Acq: 21 Feb 2024 18:23

Tgt Ion: 97 Resp: 463

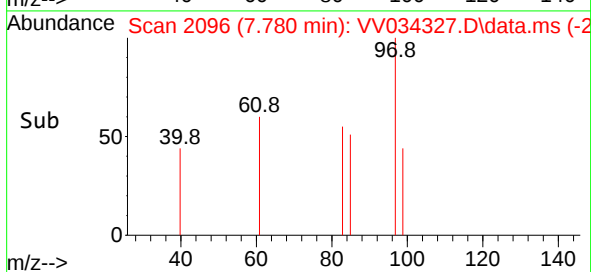
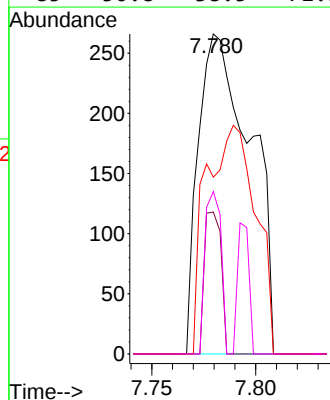
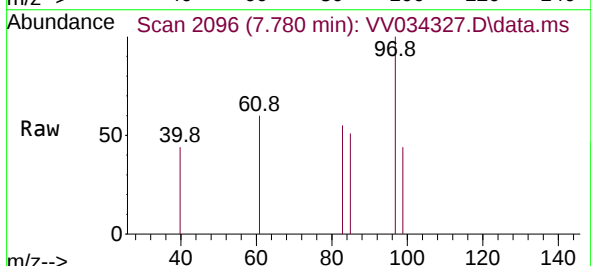
Ion Ratio Lower Upper

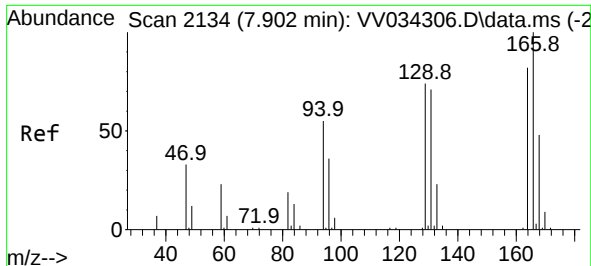
97 100

99 44.4 45.6 84.6#

83 55.3 62.3 115.7#

85 50.8 38.5 71.5





#47

Tetrachloroethene

Concen: 12.152 ug/L

RT: 7.905 min Scan# 2135

Delta R.T. 0.003 min

Lab File: VV034327.D

Acq: 21 Feb 2024 18:23

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:164 Resp: 61724

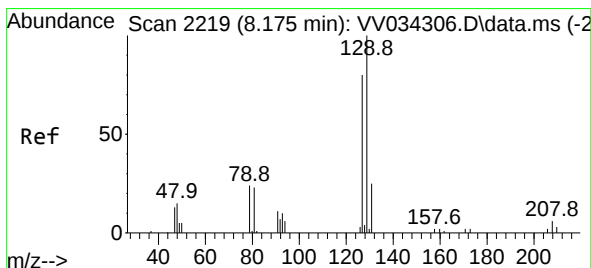
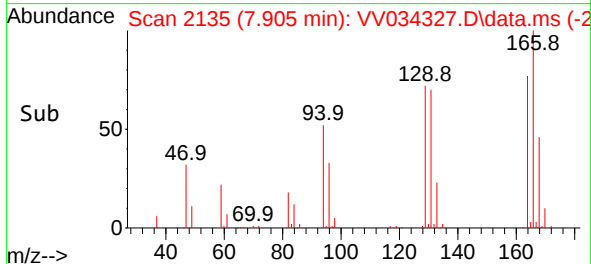
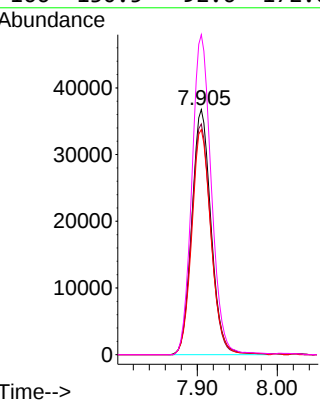
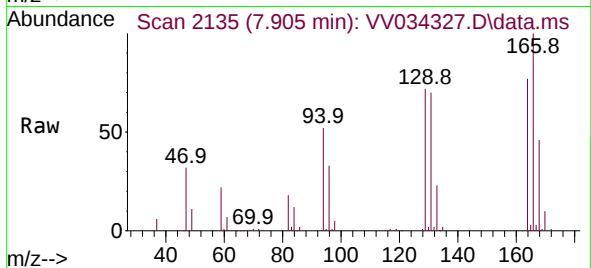
Ion Ratio Lower Upper

164 100

129 94.1 67.8 125.8

131 91.8 63.0 117.0

166 130.5 92.6 172.0



#49

Dibromochloromethane

Concen: 14.694 ug/L

RT: 7.905 min Scan# 2135

Delta R.T. -0.270 min

Lab File: VV034327.D

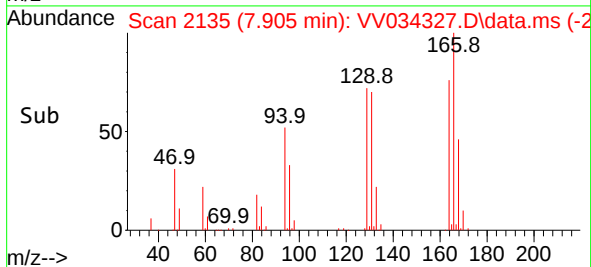
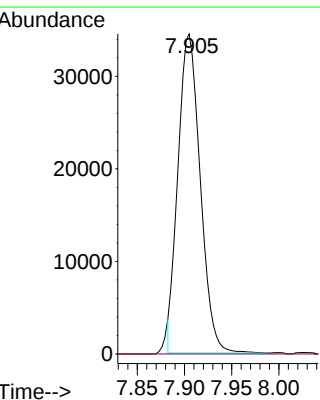
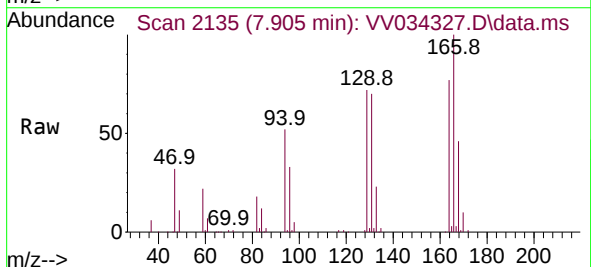
Acq: 21 Feb 2024 18:23

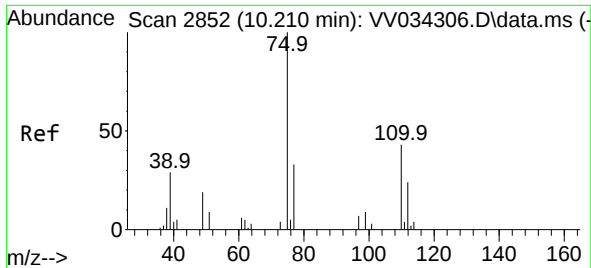
Tgt Ion:129 Resp: 56413

Ion Ratio Lower Upper

129 100

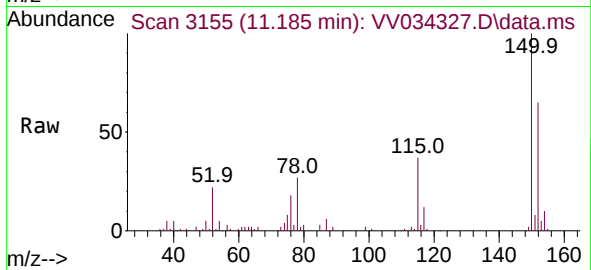
127 0.0 53.5 99.5#





#61
 1,2,3-Trichloropropane
 Concen: 1.726 ug/L
 RT: 11.185 min Scan# 31
 Delta R.T. 0.974 min
 Lab File: VV034327.D
 Acq: 21 Feb 2024 18:23

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 75 Resp: 4206
 Ion Ratio Lower Upper
 75 100
 77 36.8 26.9 40.3
 110 1.9 33.3 49.9#

