

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW022122\
 Data File : VW024783.D
 Acq On : 21 Feb 2022 18:15
 Operator : SY/MD
 Sample : N1623-10
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Feb 22 03:31:21 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR021722WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Feb 22 03:27:30 2022
 Response via : Initial Calibration

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

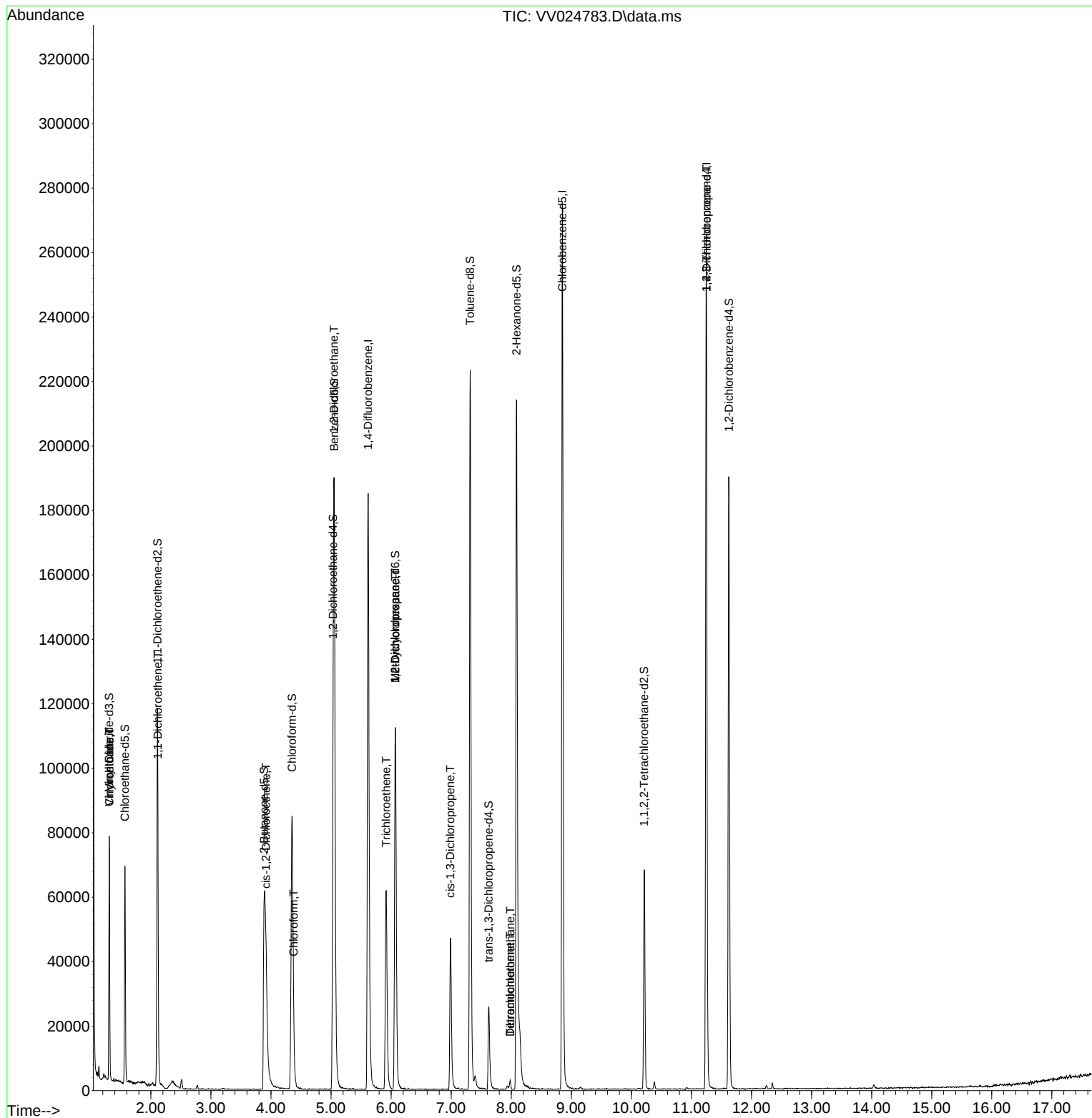
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	165243	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	150582	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	64629	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	45726	3.262	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	65.200%
7) Chloroethane-d5	1.568	69	43103	3.749	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	75.000%
11) 1,1-Dichloroethene-d2	2.111	63	61866	2.409	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	48.200%#
20) 2-Butanone-d5	3.886	46	102391	51.145	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.280%
24) Chloroform-d	4.349	84	88467	4.045	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.000%
26) 1,2-Dichloroethane-d4	5.034	65	42905	4.401	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.000%
32) Benzene-d6	5.053	84	177513	4.086	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.800%
36) 1,2-Dichloropropane-d6	6.069	67	57094	4.466	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.400%
41) Toluene-d8	7.317	98	146788	3.719	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	74.400%
43) trans-1,3-Dichloroprop...	7.625	79	16751	3.933	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.600%
46) 2-Hexanone-d5	8.088	63	77613	46.314	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.620%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	34624	4.494	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.800%
66) 1,2-Dichlorobenzene-d4	11.622	152	46830	4.188	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	83.800%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.310	62	1386	0.078	ug/L #	33
8) Chloroethane	1.310	64	949	0.087	ug/L #	1
12) 1,1-Dichloroethene	2.117	96	1276	0.099	ug/L #	1
22) cis-1,2-Dichloroethene	3.915	96	14421	1.085	ug/L	99
25) Chloroform	4.378	83	2528	0.105	ug/L	85
27) 1,2-Dichloroethane	5.050	62	825	0.064	ug/L #	73
34) Trichloroethene	5.915	95	22684	1.680	ug/L	98
35) Methylcyclohexane	6.069	83	13104	0.601	ug/L #	20
37) 1,2-Dichloropropane	6.069	63	6147	0.510	ug/L #	86
39) cis-1,3-Dichloropropene	6.985	75	1222	0.073	ug/L #	59
47) Tetrachloroethene	7.982	164	654	0.071	ug/L #	70
49) Dibromochloromethane	7.985	129	545	0.063	ug/L #	11
61) 1,2,3-Trichloropropane	11.249	75	9097	1.553	ug/L #	68

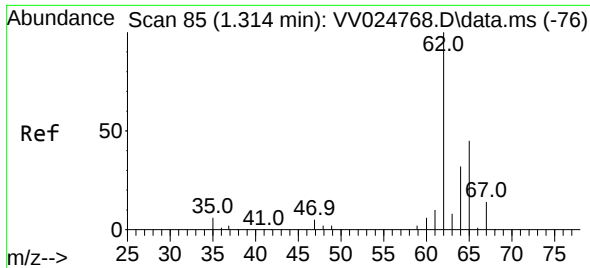
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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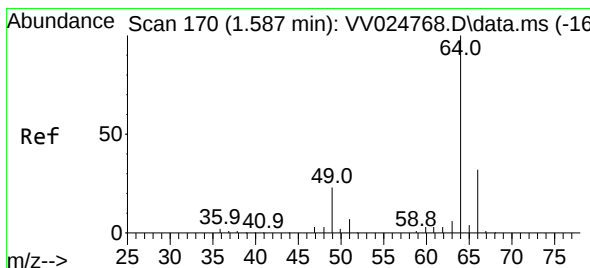
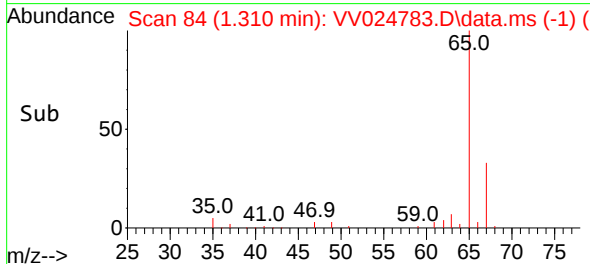
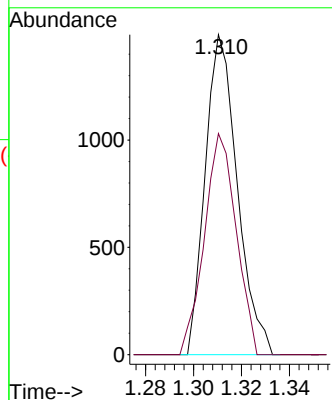
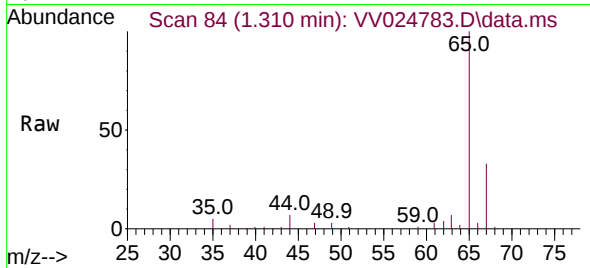




#5
 Vinyl chloride
 Concen: 0.078 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. -0.003 min
 Lab File: VV024783.D
 Acq: 21 Feb 2022 18:15

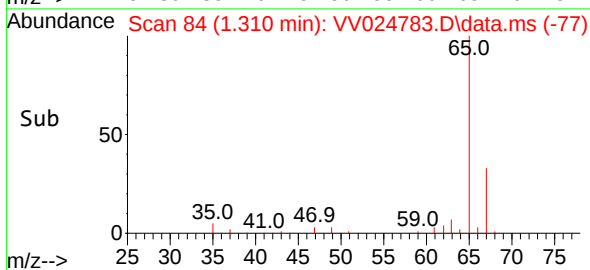
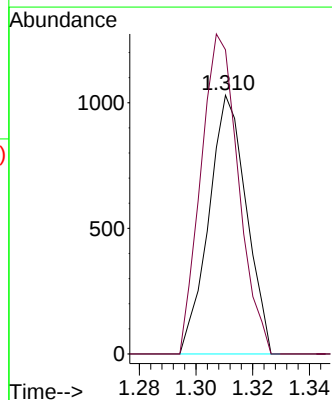
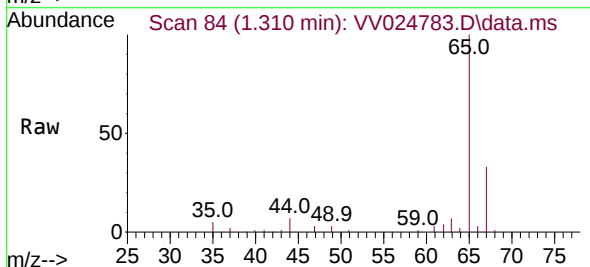
Instrument :
 MSVOA_V
 ClientSampleId :

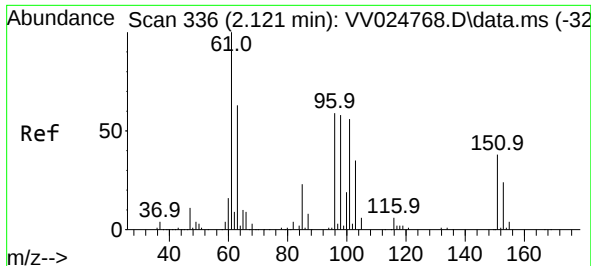
Tgt Ion: 62 Resp: 1386
 Ion Ratio Lower Upper
 62 100
 64 69.1 22.2 41.2#



#8
 Chloroethane
 Concen: 0.087 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. -0.276 min
 Lab File: VV024783.D
 Acq: 21 Feb 2022 18:15

Tgt Ion: 64 Resp: 949
 Ion Ratio Lower Upper
 64 100
 66 117.6 22.5 41.9#

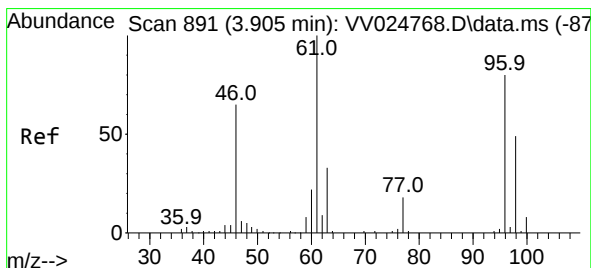
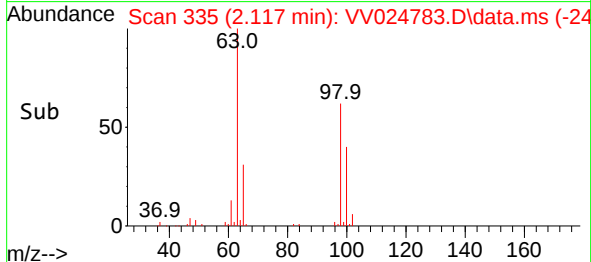
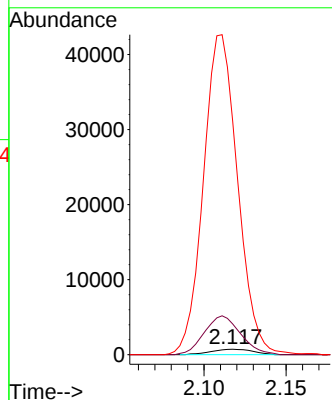
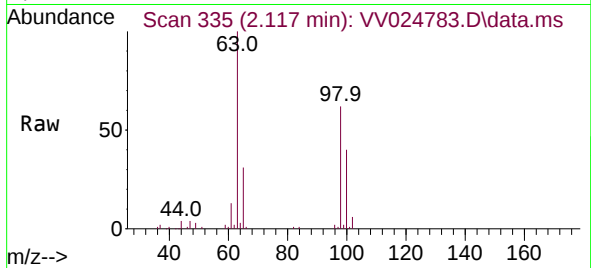




#12
1,1-Dichloroethene
Concen: 0.099 ug/L
RT: 2.117 min Scan# 31
Delta R.T. -0.003 min
Lab File: VV024783.D
Acq: 21 Feb 2022 18:15

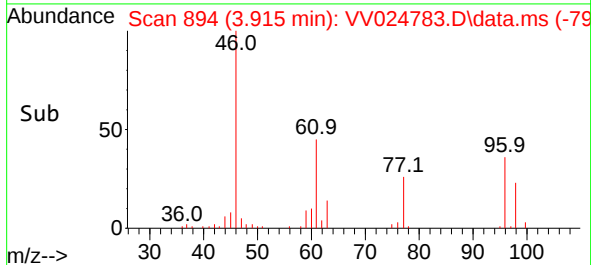
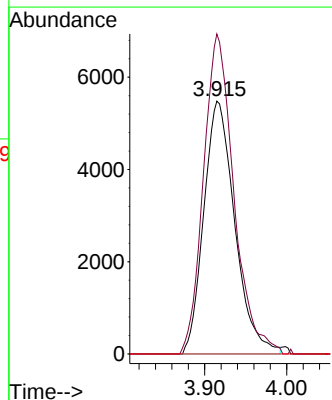
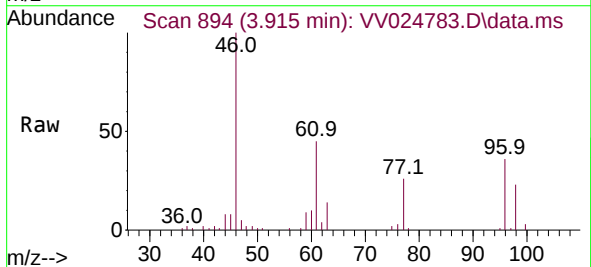
Instrument :
MSVOA_V
ClientSampleId :

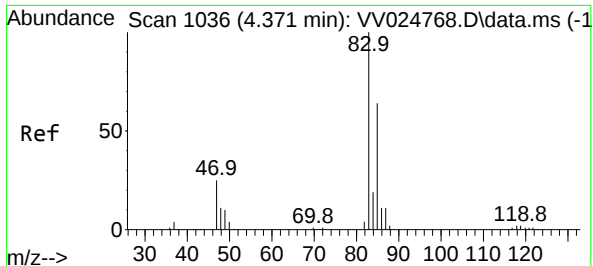
Tgt Ion: 96 Resp: 1276
Ion Ratio Lower Upper
96 100
61 570.4 116.3 216.1#
63 4342.5 86.0 159.6#



#22
cis-1,2-Dichloroethene
Concen: 1.085 ug/L
RT: 3.915 min Scan# 894
Delta R.T. 0.010 min
Lab File: VV024783.D
Acq: 21 Feb 2022 18:15

Tgt Ion: 96 Resp: 14421
Ion Ratio Lower Upper
96 100
61 126.6 89.7 166.5
68 0.0 0.0 0.0





#25

Chloroform

Concen: 0.105 ug/L

RT: 4.378 min Scan# 1

Delta R.T. 0.006 min

Lab File: VV024783.D

Acq: 21 Feb 2022 18:15

Instrument :

MSVOA_V

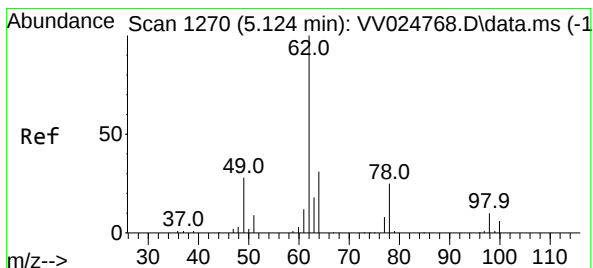
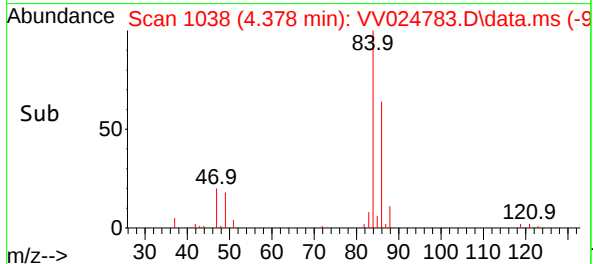
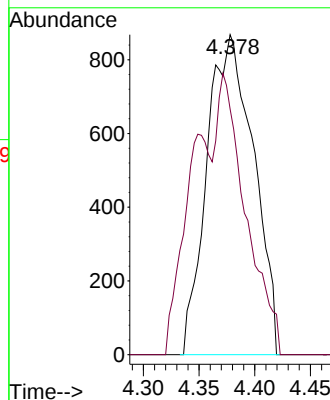
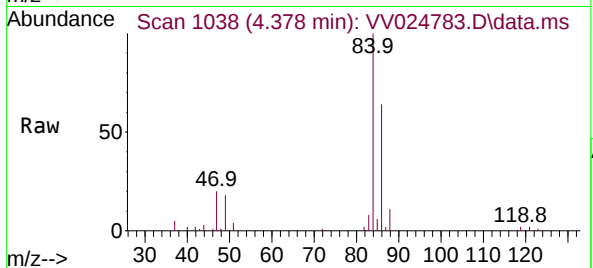
ClientSampleId :

Tgt Ion: 83 Resp: 2528

Ion Ratio Lower Upper

83 100

85 76.7 45.5 84.5



#27

1,2-Dichloroethane

Concen: 0.064 ug/L

RT: 5.050 min Scan# 1247

Delta R.T. -0.074 min

Lab File: VV024783.D

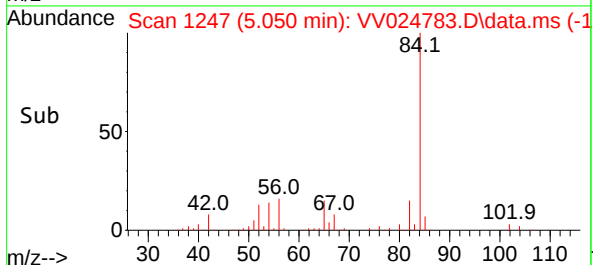
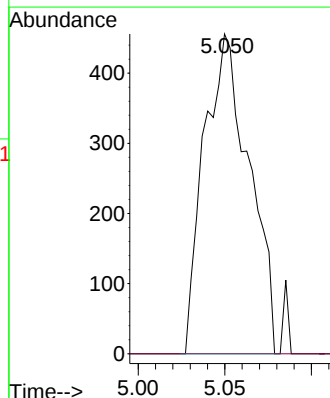
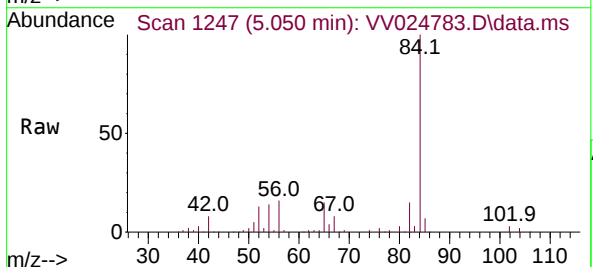
Acq: 21 Feb 2022 18:15

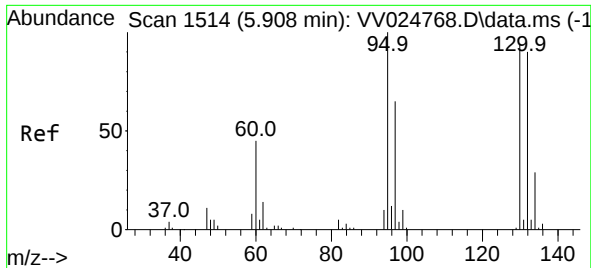
Tgt Ion: 62 Resp: 825

Ion Ratio Lower Upper

62 100

98 0.0 8.2 12.2#

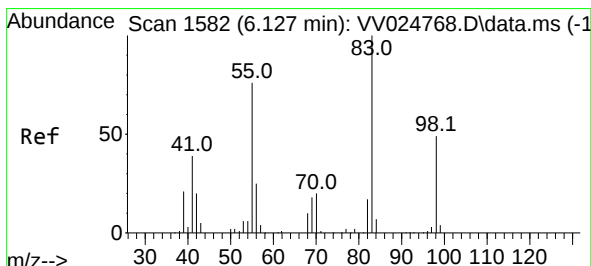
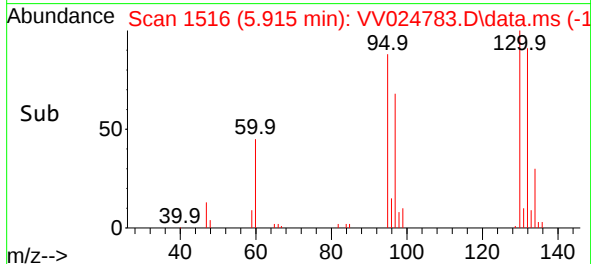
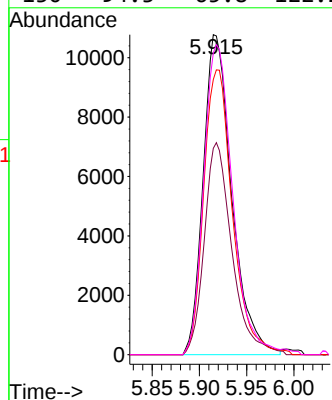
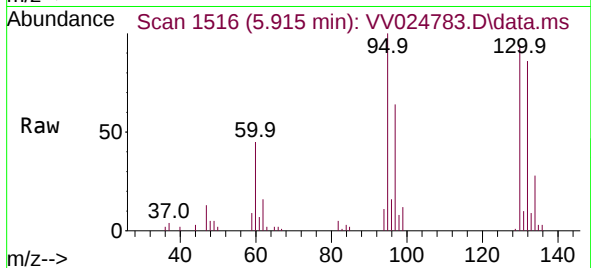




#34
Trichloroethene
Concen: 1.680 ug/L
RT: 5.915 min Scan# 1516
Delta R.T. 0.006 min
Lab File: VV024783.D
Acq: 21 Feb 2022 18:15

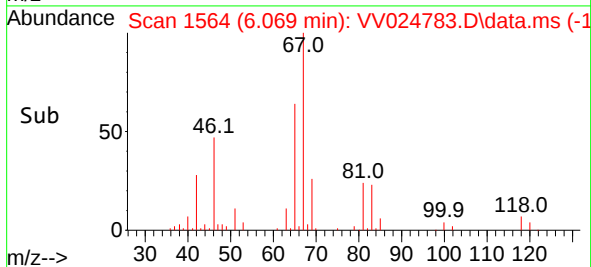
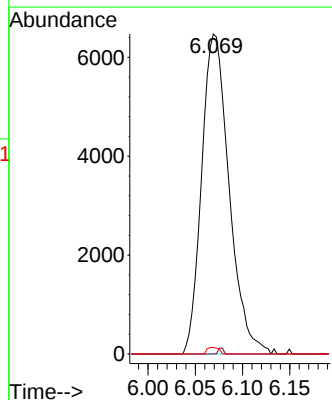
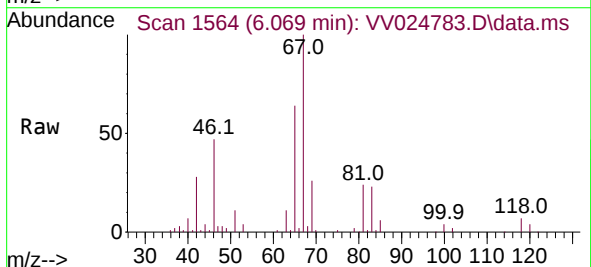
Instrument :
MSVOA_V
ClientSampleId :

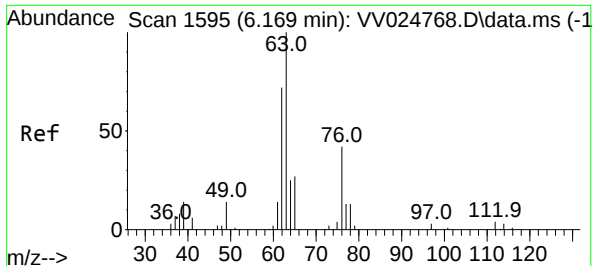
Tgt Ion: 95 Resp: 22684
Ion Ratio Lower Upper
95 100
97 64.5 44.2 82.0
132 86.0 62.1 115.3
130 94.3 65.8 122.2



#35
Methylcyclohexane
Concen: 0.601 ug/L
RT: 6.069 min Scan# 1564
Delta R.T. -0.058 min
Lab File: VV024783.D
Acq: 21 Feb 2022 18:15

Tgt Ion: 83 Resp: 13104
Ion Ratio Lower Upper
83 100
55 0.4 58.8 88.2#
98 0.9 38.6 58.0#





#37

1,2-Dichloropropane

Concen: 0.510 ug/L

RT: 6.069 min Scan# 11

Delta R.T. -0.100 min

Lab File: VV024783.D

Acq: 21 Feb 2022 18:15

Instrument :

MSVOA_V

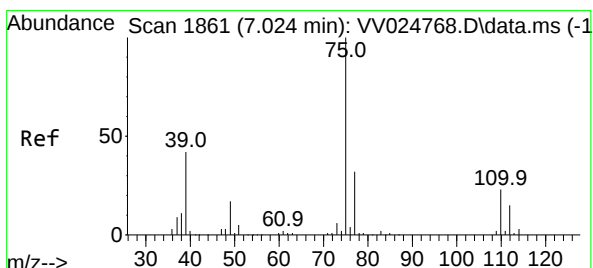
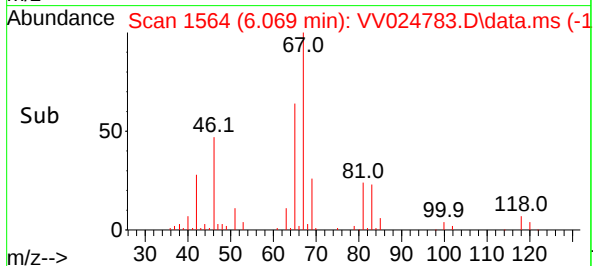
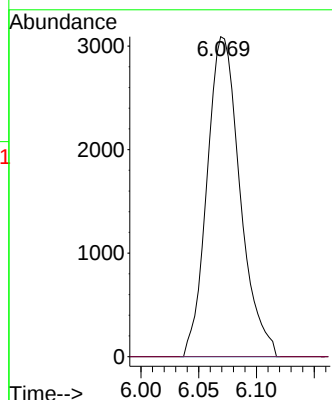
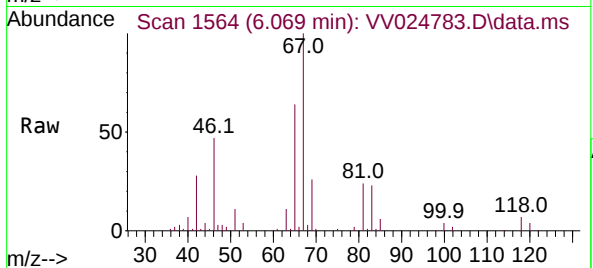
ClientSampleId :

Tgt Ion: 63 Resp: 6147

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.6#



#39

cis-1,3-Dichloropropene

Concen: 0.073 ug/L

RT: 6.985 min Scan# 1849

Delta R.T. -0.038 min

Lab File: VV024783.D

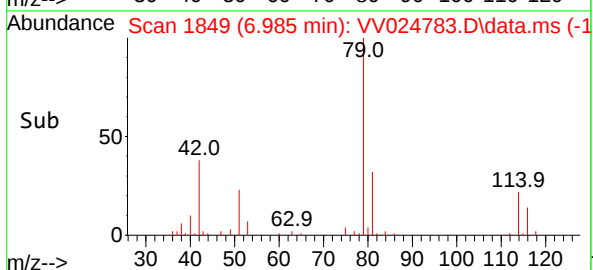
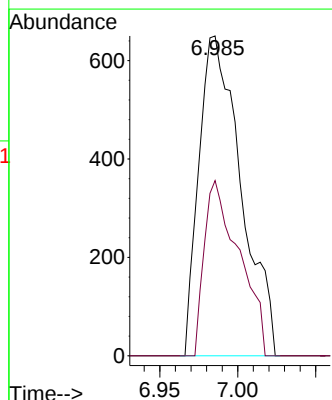
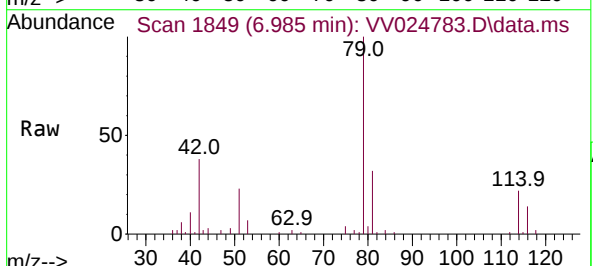
Acq: 21 Feb 2022 18:15

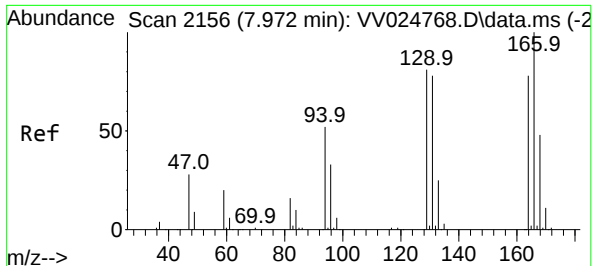
Tgt Ion: 75 Resp: 1222

Ion Ratio Lower Upper

75 100

77 54.8 22.3 41.5#





#47

Tetrachloroethene

Concen: 0.071 ug/L

RT: 7.982 min Scan# 2156

Delta R.T. 0.010 min

Lab File: VV024783.D

Acq: 21 Feb 2022 18:15

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:164 Resp: 654

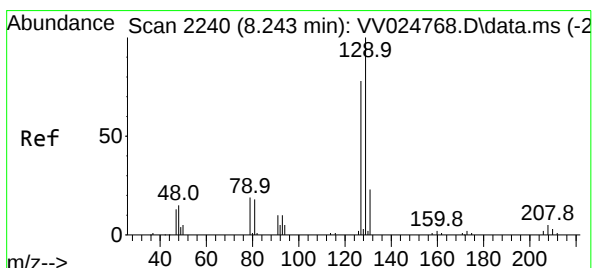
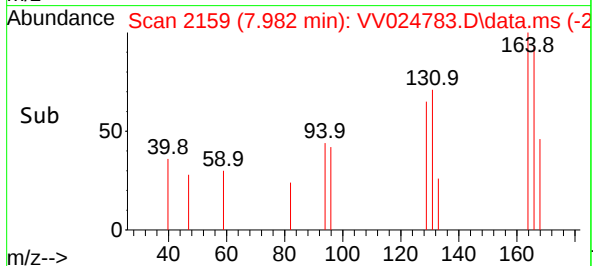
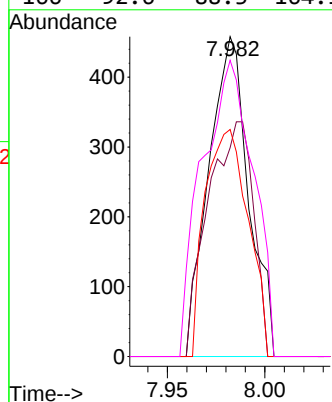
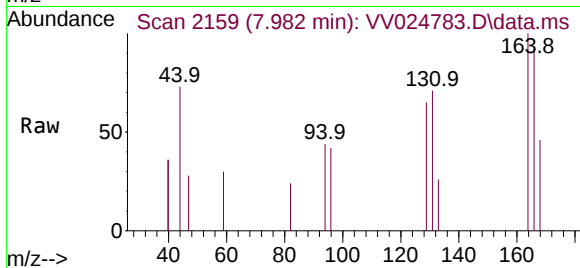
Ion Ratio Lower Upper

164 100

129 65.3 70.3 130.7#

131 71.0 67.7 125.7

166 92.6 88.3 164.1



#49

Dibromochloromethane

Concen: 0.063 ug/L

RT: 7.985 min Scan# 2160

Delta R.T. -0.257 min

Lab File: VV024783.D

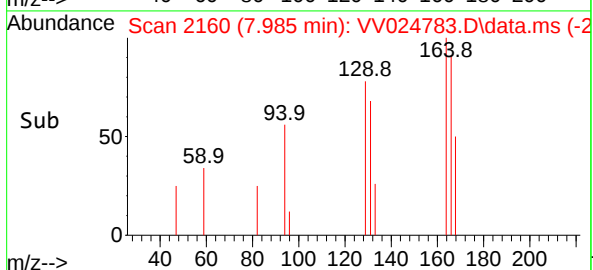
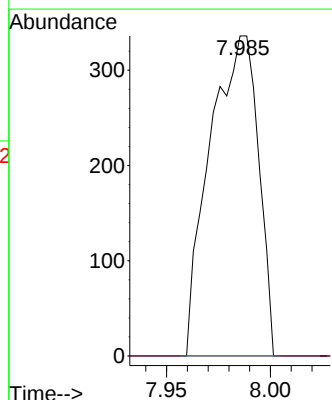
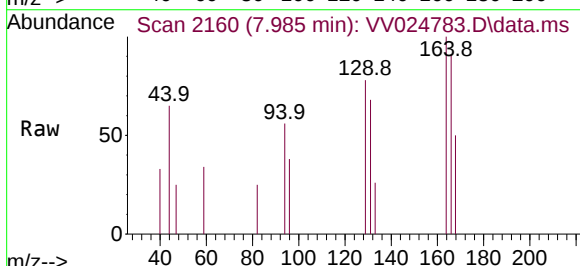
Acq: 21 Feb 2022 18:15

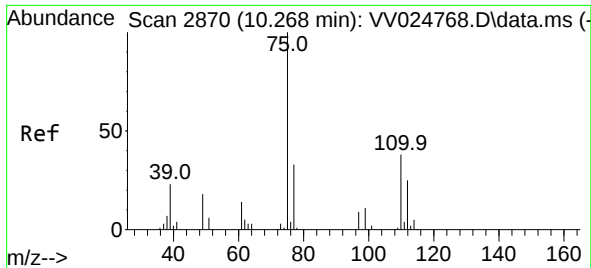
Tgt Ion:129 Resp: 545

Ion Ratio Lower Upper

129 100

127 0.0 53.6 99.6#





#61

1,2,3-Trichloropropane

Concen: 1.553 ug/L

RT: 11.249 min Scan# 31

Delta R.T. 0.981 min

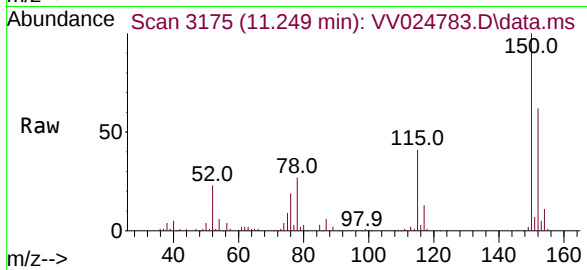
Lab File: VV024783.D

Acq: 21 Feb 2022 18:15

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 75 Resp: 9097

Ion Ratio Lower Upper

75 100

77 31.7 26.3 39.5

110 2.6 30.3 45.5#

