

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW051622\
 Data File : VW025904.D
 Acq On : 16 May 2022 12:02
 Operator : SY/MD
 Sample : N2831-01
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 YB2J8

Quant Time: May 17 08:00:08 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR051322WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue May 17 07:58:29 2022
 Response via : Initial Calibration

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

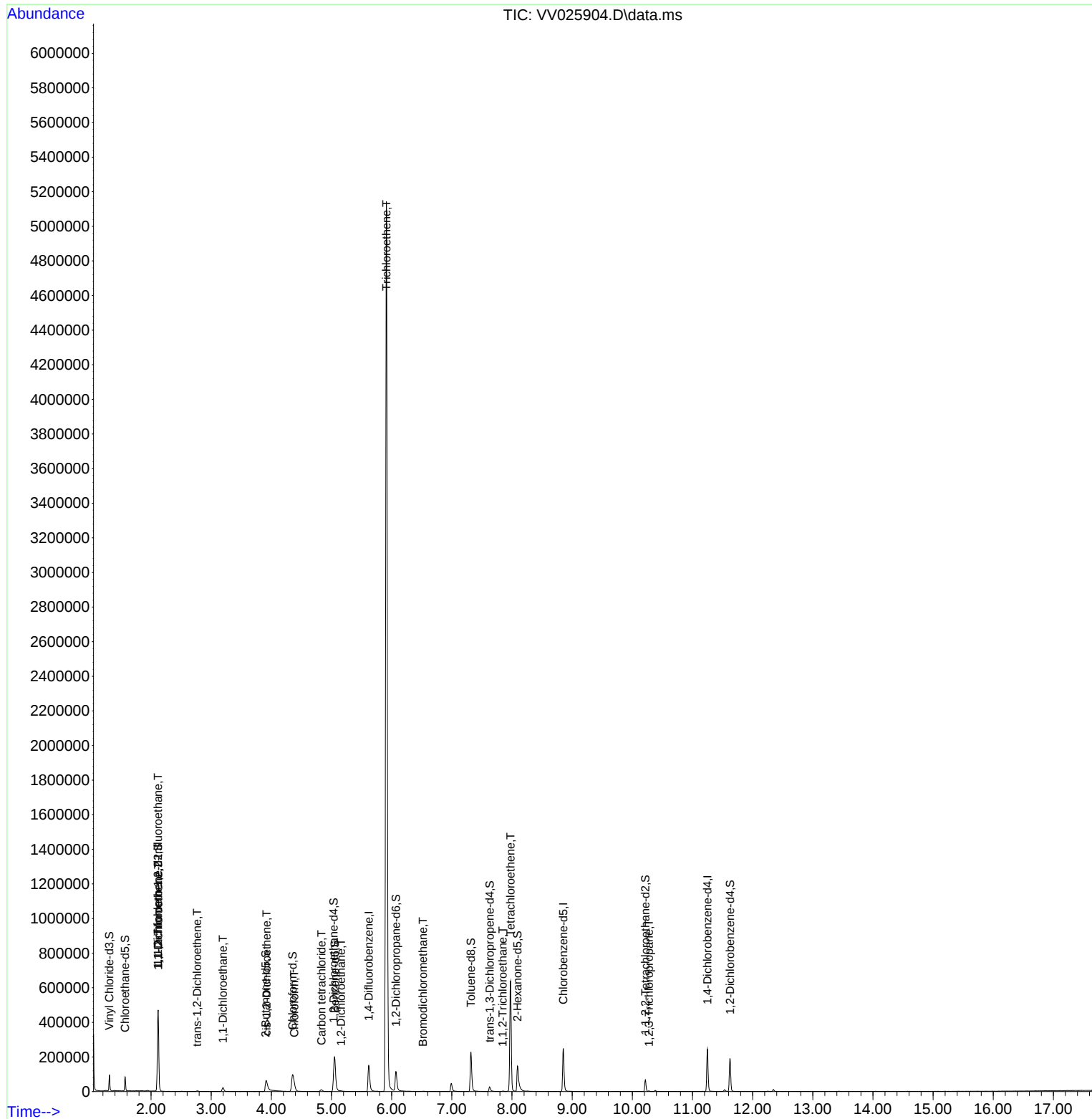
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	134591	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	138576	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	62389	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	56557	5.088	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	101.800%	
7) Chloroethane-d5	1.568	69	51451	5.406	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	108.200%	
11) 1,1-Dichloroethene-d2	2.114	63	148436	6.033	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	120.600%	
20) 2-Butanone-d5	3.905	46	50261	39.043	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	78.080%	
24) Chloroform-d	4.352	84	92652	5.103	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	102.000%	
26) 1,2-Dichloroethane-d4	5.037	65	41663	5.411	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	108.200%	
32) Benzene-d6	5.053	84	185925	5.167	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	103.400%	
36) 1,2-Dichloropropane-d6	6.072	67	55909	5.344	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	106.800%	
41) Toluene-d8	7.317	98	157515	4.709	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	94.200%	
43) trans-1,3-Dichloroprop...	7.628	79	16190	4.732	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	94.600%	
46) 2-Hexanone-d5	8.091	63	59085	46.511	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	93.020%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	32977	4.893	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	97.800%	
66) 1,2-Dichlorobenzene-d4	11.625	152	48817	5.496	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	110.000%	
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	2846	0.213	ug/L #	79
12) 1,1-Dichloroethene	2.121	96	104873	8.108	ug/L	92
18) trans-1,2-Dichloroethene	2.764	96	1199	0.106	ug/L	95
19) 1,1-Dichloroethane	3.195	63	23874	1.118	ug/L	96
22) cis-1,2-Dichloroethene	3.918	96	24599	2.135	ug/L	92
25) Chloroform	4.381	83	34545	1.596	ug/L	98
27) 1,2-Dichloroethane	5.159	62	2443	0.214	ug/L #	86
31) Carbon tetrachloride	4.834	117	8146	0.509	ug/L	99
34) Trichloroethene	5.912	95	1734021	144.674	ug/L	99
38) Bromodichloromethane	6.519	83	1101	0.079	ug/L #	92
45) 1,1,2-Trichloroethane	7.844	97	642	0.084	ug/L	92
47) Tetrachloroethene	7.976	164	139795	15.052	ug/L	96
61) 1,2,3-Trichloropropane	10.278	75	1121	0.216	ug/L #	58

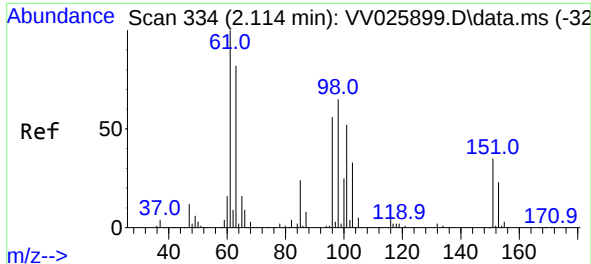
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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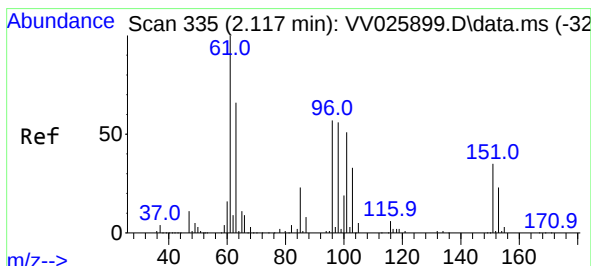
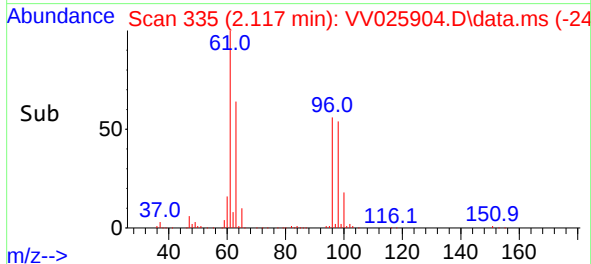
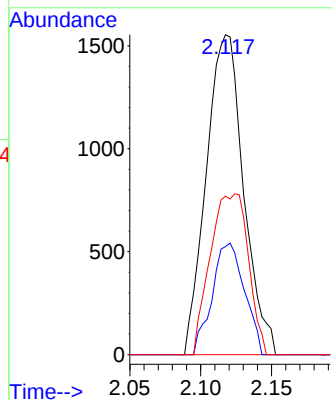
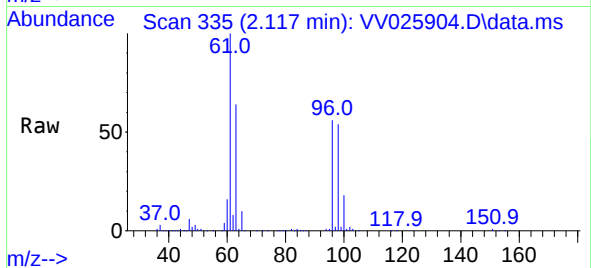




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.213 ug/L
RT: 2.117 min Scan# 311
Delta R.T. 0.003 min
Lab File: VV025904.D
Acq: 16 May 2022 12:02

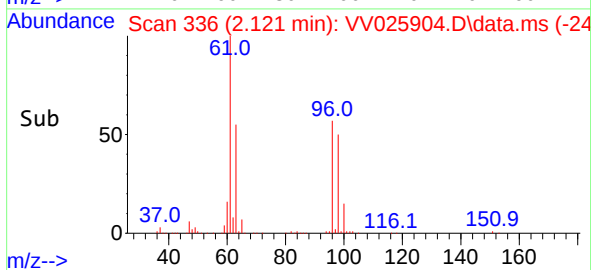
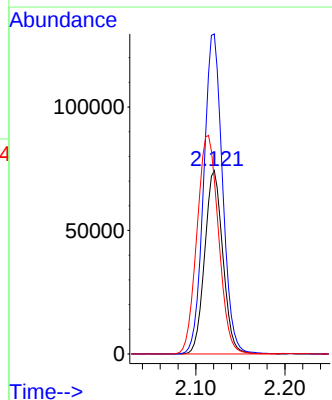
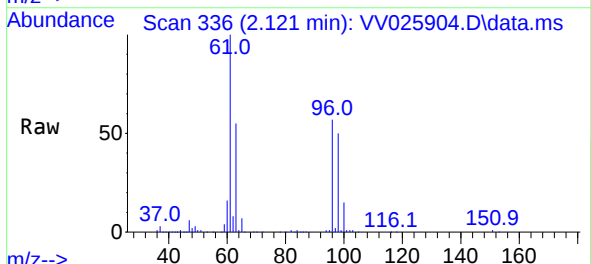
Instrument :
MSVOA_V
ClientSampleId :
YB2J8

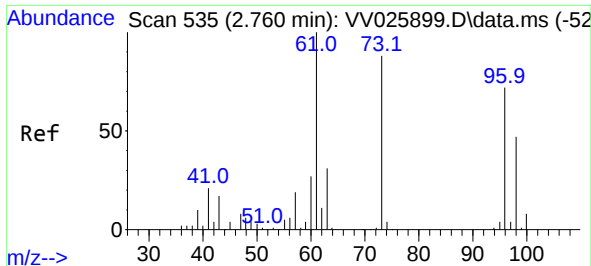
Tgt Ion:101 Resp: 2846
Ion Ratio Lower Upper
101 100
85 30.2 35.7 53.5#
151 51.3 54.1 81.1#



#12
1,1-Dichloroethene
Concen: 8.108 ug/L
RT: 2.121 min Scan# 336
Delta R.T. 0.003 min
Lab File: VV025904.D
Acq: 16 May 2022 12:02

Tgt Ion: 96 Resp: 104873
Ion Ratio Lower Upper
96 100
61 174.5 119.8 222.6
63 95.4 78.3 145.3

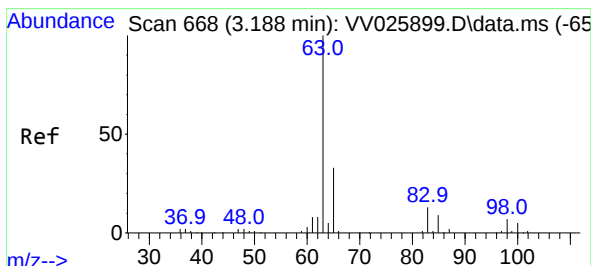
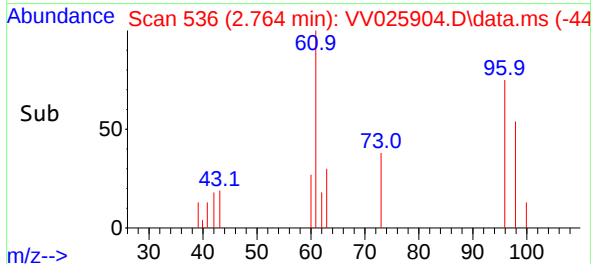
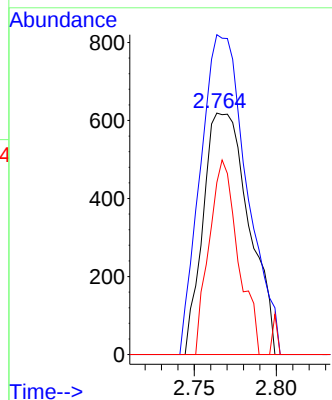
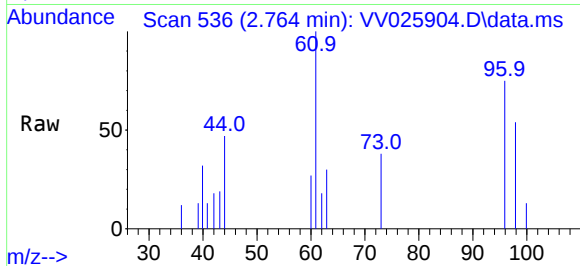




#18
trans-1,2-Dichloroethene
Concen: 0.106 ug/L
RT: 2.764 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV025904.D
Acq: 16 May 2022 12:02

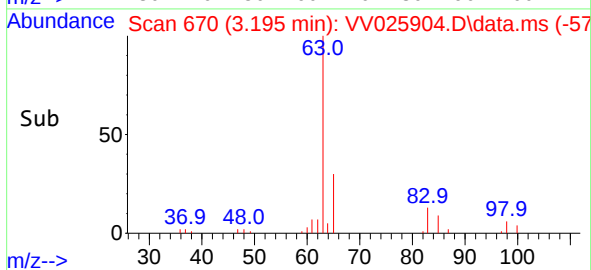
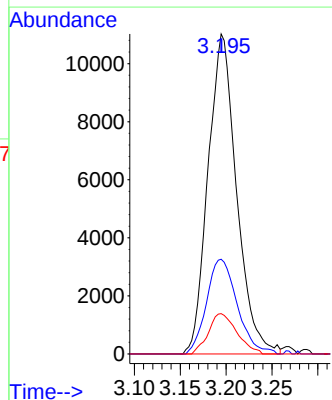
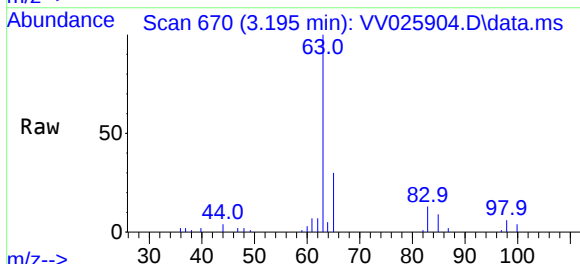
Instrument :
MSVOA_V
ClientSampleId :
YB2J8

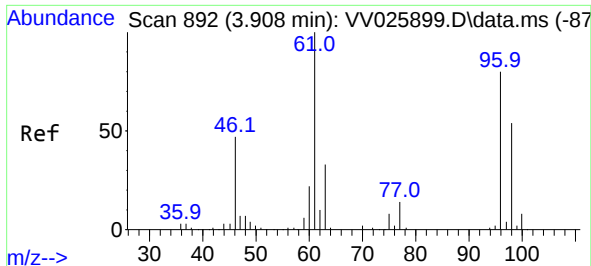
Tgt Ion: 96 Resp: 1199
Ion Ratio Lower Upper
96 100
61 132.5 93.6 173.8
98 71.2 42.8 79.4



#19
1,1-Dichloroethane
Concen: 1.118 ug/L
RT: 3.195 min Scan# 670
Delta R.T. 0.007 min
Lab File: VV025904.D
Acq: 16 May 2022 12:02

Tgt Ion: 63 Resp: 23874
Ion Ratio Lower Upper
63 100
65 29.6 22.3 41.5
83 12.6 10.0 18.6

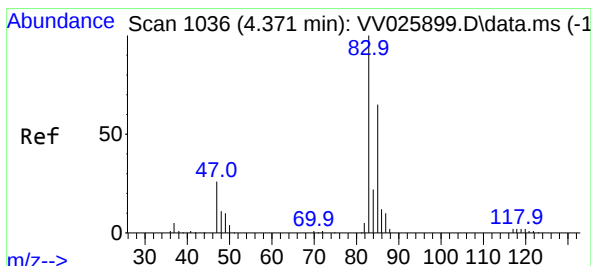
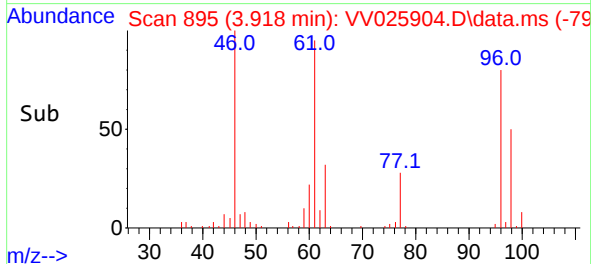
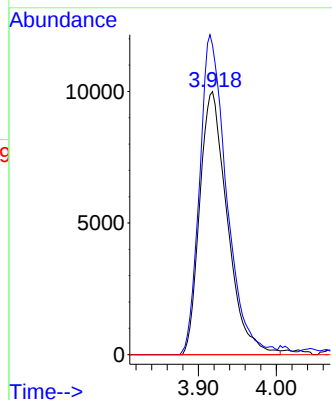
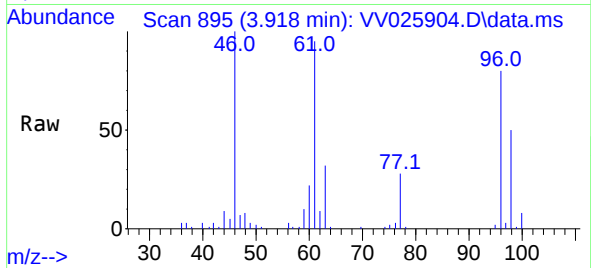




#22
 cis-1,2-Dichloroethene
 Concen: 2.135 ug/L
 RT: 3.918 min Scan# 895
 Delta R.T. 0.010 min
 Lab File: VV025904.D
 Acq: 16 May 2022 12:02

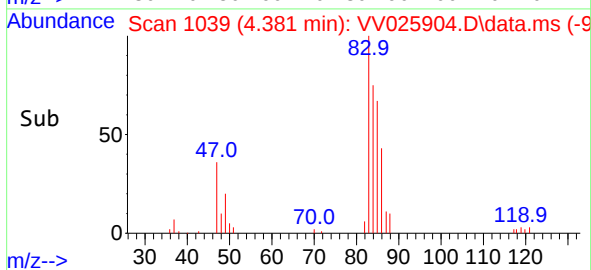
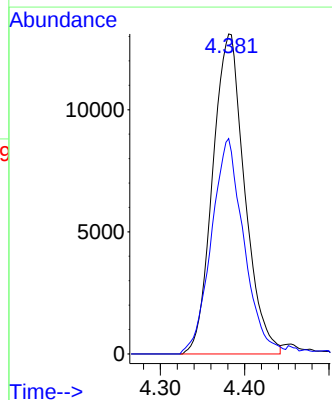
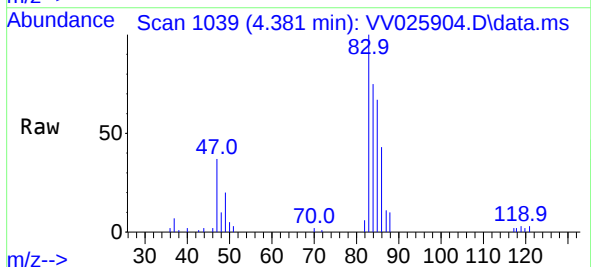
Instrument :
 MSVOA_V
 ClientSampleId :
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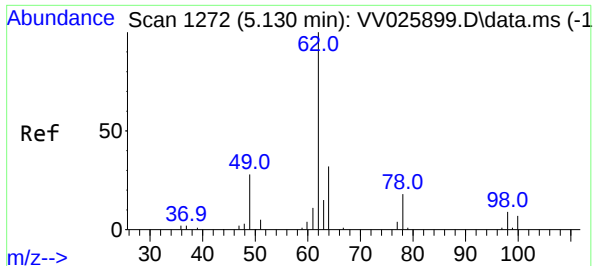
Tgt Ion: 96 Resp: 24599
 Ion Ratio Lower Upper
 96 100
 61 117.7 88.9 165.1
 68 0.0 0.0 0.0



#25
 Chloroform
 Concen: 1.596 ug/L
 RT: 4.381 min Scan# 1039
 Delta R.T. 0.010 min
 Lab File: VV025904.D
 Acq: 16 May 2022 12:02

Tgt Ion: 83 Resp: 34545
 Ion Ratio Lower Upper
 83 100
 85 67.3 46.1 85.7





#27

1,2-Dichloroethane

Concen: 0.214 ug/L

RT: 5.159 min Scan# 1180

Delta R.T. 0.029 min

Lab File: VV025904.D

Acq: 16 May 2022 12:02

Instrument :

MSVOA_V

ClientSampleId :

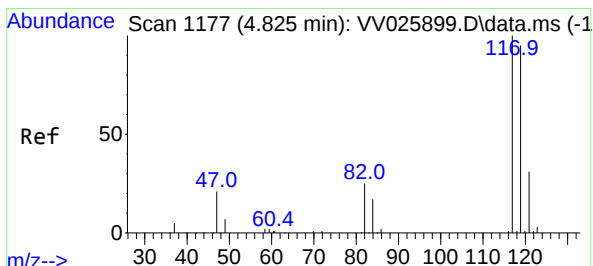
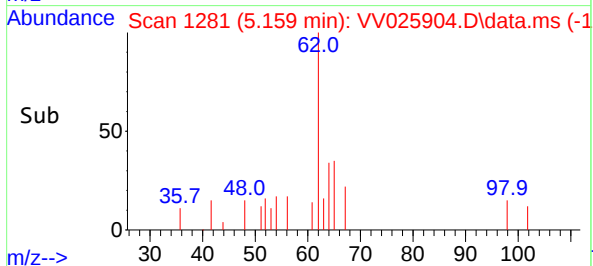
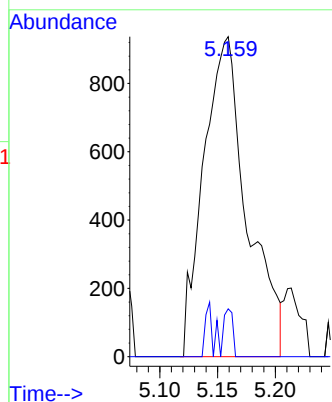
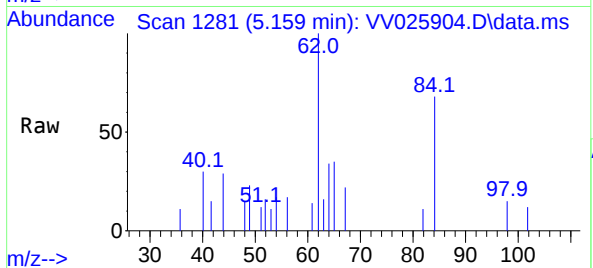
YB2J8

Tgt Ion: 62 Resp: 2443

Ion Ratio Lower Upper

62 100

98 14.9 7.9 11.9#



#31

Carbon tetrachloride

Concen: 0.509 ug/L

RT: 4.834 min Scan# 1180

Delta R.T. 0.010 min

Lab File: VV025904.D

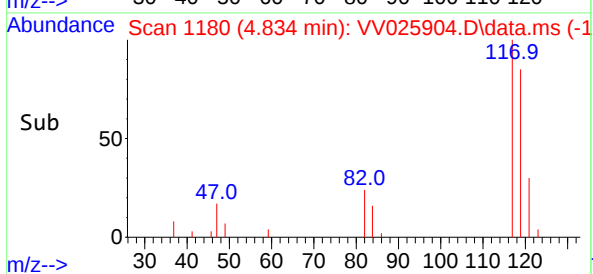
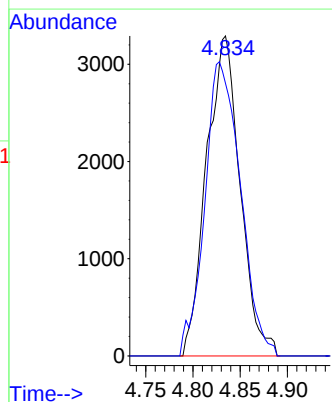
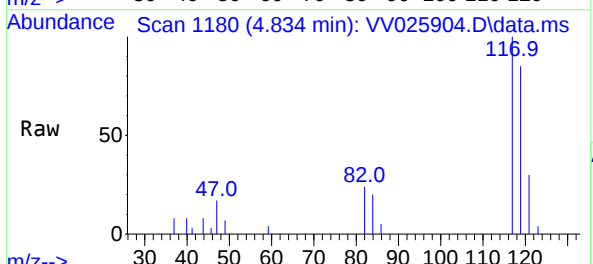
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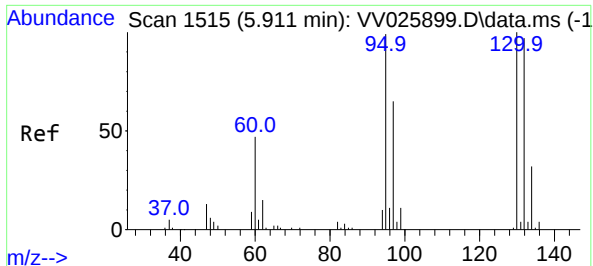
Tgt Ion: 117 Resp: 8146

Ion Ratio Lower Upper

117 100

119 97.3 77.0 115.6





#34

Trichloroethene

Concen: 144.674 ug/L

RT: 5.912 min Scan# 11

Delta R.T. 0.000 min

Lab File: VV025904.D

Acq: 16 May 2022 12:02

Instrument :

MSVOA_V

ClientSampleId :

YB2J8

Tgt Ion: 95 Resp: 1734021

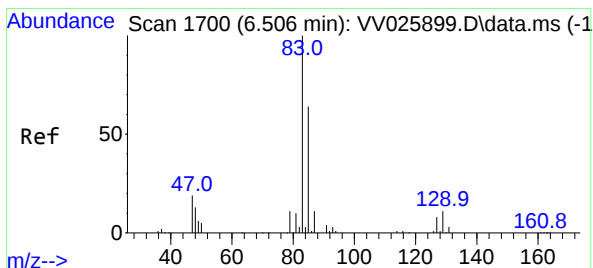
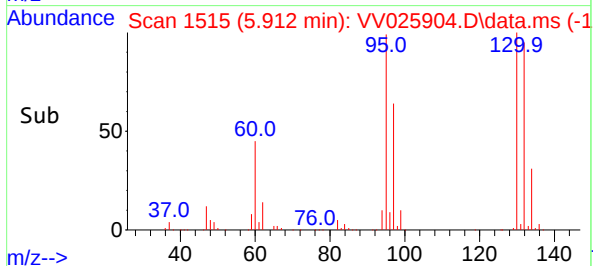
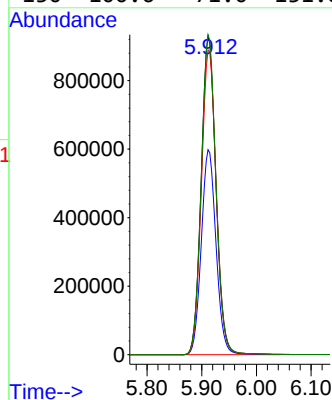
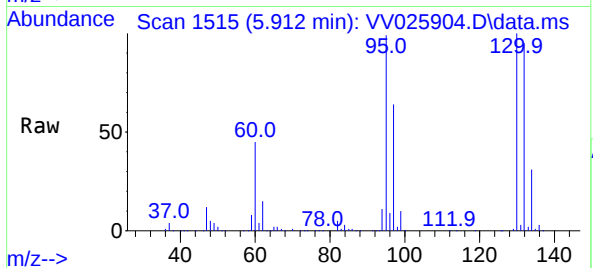
Ion Ratio Lower Upper

95 100

97 64.4 44.9 83.3

132 95.8 67.6 125.6

130 100.6 71.0 131.8



#38

Bromodichloromethane

Concen: 0.079 ug/L

RT: 6.519 min Scan# 1704

Delta R.T. 0.013 min

Lab File: VV025904.D

Acq: 16 May 2022 12:02

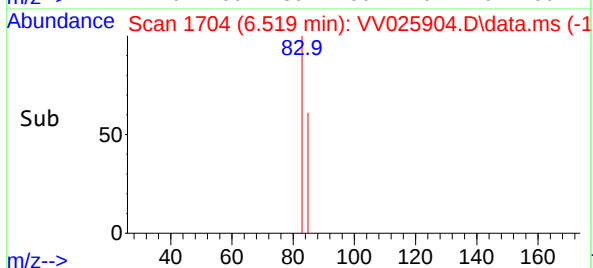
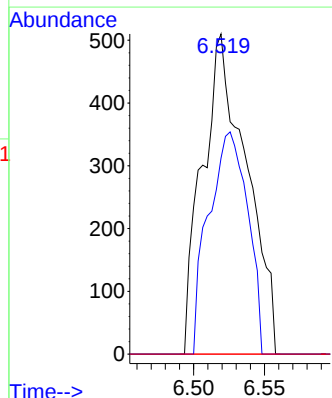
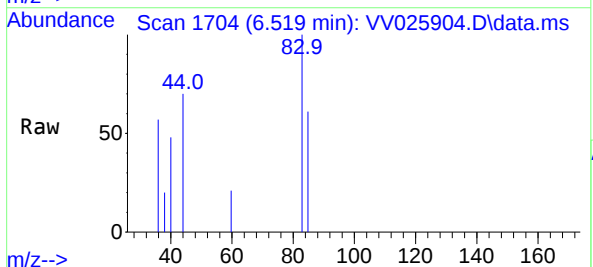
Tgt Ion: 83 Resp: 1101

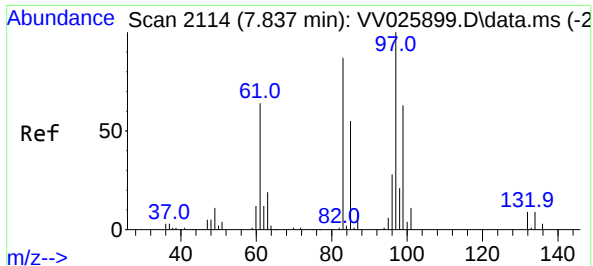
Ion Ratio Lower Upper

83 100

85 61.2 46.1 85.5

127 0.0 6.5 9.7#



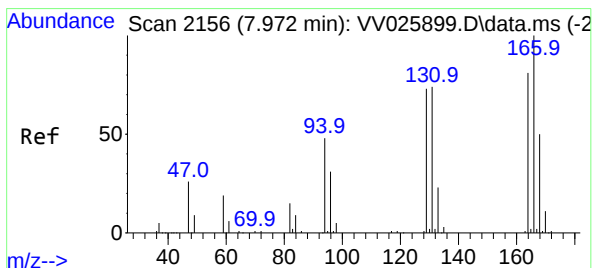
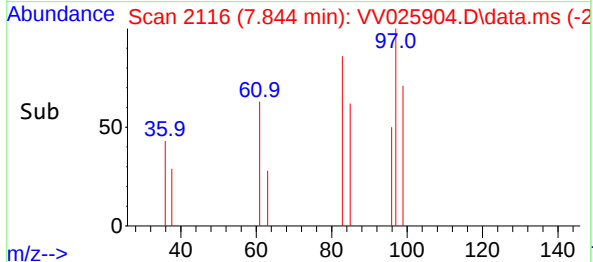
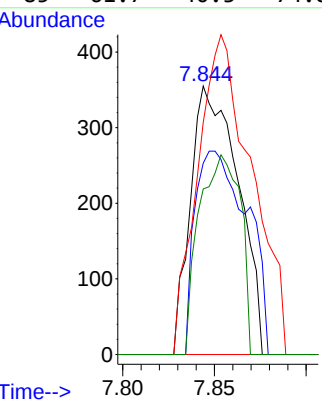
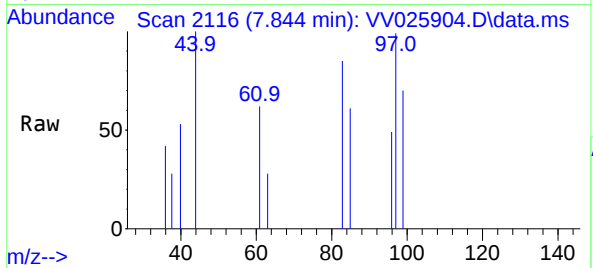


#45
1,1,2-Trichloroethane
Concen: 0.084 ug/L
RT: 7.844 min Scan# 2114
Delta R.T. 0.007 min
Lab File: VV025904.D
Acq: 16 May 2022 12:02

Instrument :
MSVOA_V
ClientSampleId :
YB2J8

Tgt Ion: 97 Resp: 642

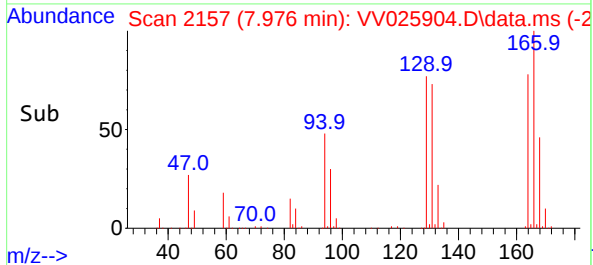
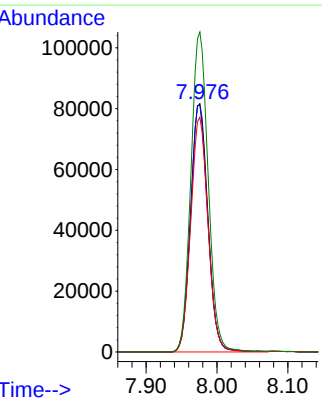
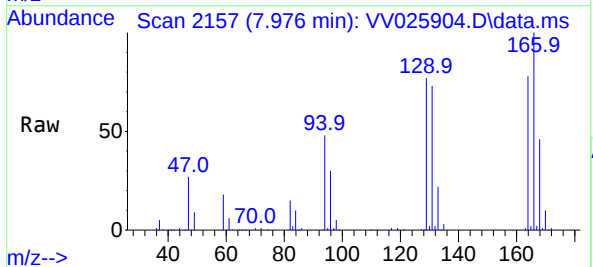
Ion	Ratio	Lower	Upper
97	100		
99	71.3	44.8	83.2
83	86.5	65.7	121.9
85	61.7	40.3	74.8

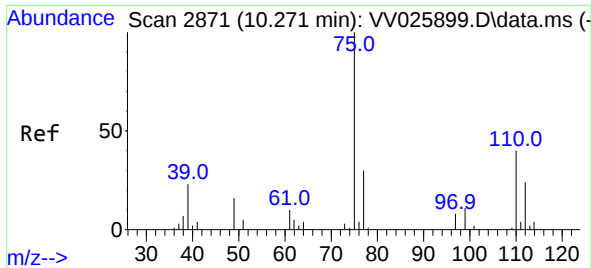


#47
Tetrachloroethene
Concen: 15.052 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. 0.003 min
Lab File: VV025904.D
Acq: 16 May 2022 12:02

Tgt Ion: 164 Resp: 139795

Ion	Ratio	Lower	Upper
164	100		
129	99.3	67.5	125.4
131	94.5	63.8	118.4
166	128.9	86.9	161.3





#61
 1,2,3-Trichloropropane
 Concen: 0.216 ug/L
 RT: 10.278 min Scan# 21
 Delta R.T. 0.007 min
 Lab File: VV025904.D
 Acq: 16 May 2022 12:02

Instrument :
 MSVOA_V
 ClientSampleId :
 YB2J8

Tgt Ion: 75	Resp:	1121
Ion	Ratio	Lower Upper
75	100	
77	25.4	26.2 39.2#
110	0.0	32.4 48.6#

