

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW072122\
 Data File : VW026872.D
 Acq On : 21 Jul 2022 14:06
 Operator : SY/MD
 Sample : N3809-01
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jul 22 05:56:06 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR071122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jul 22 05:53:14 2022
 Response via : Initial Calibration

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

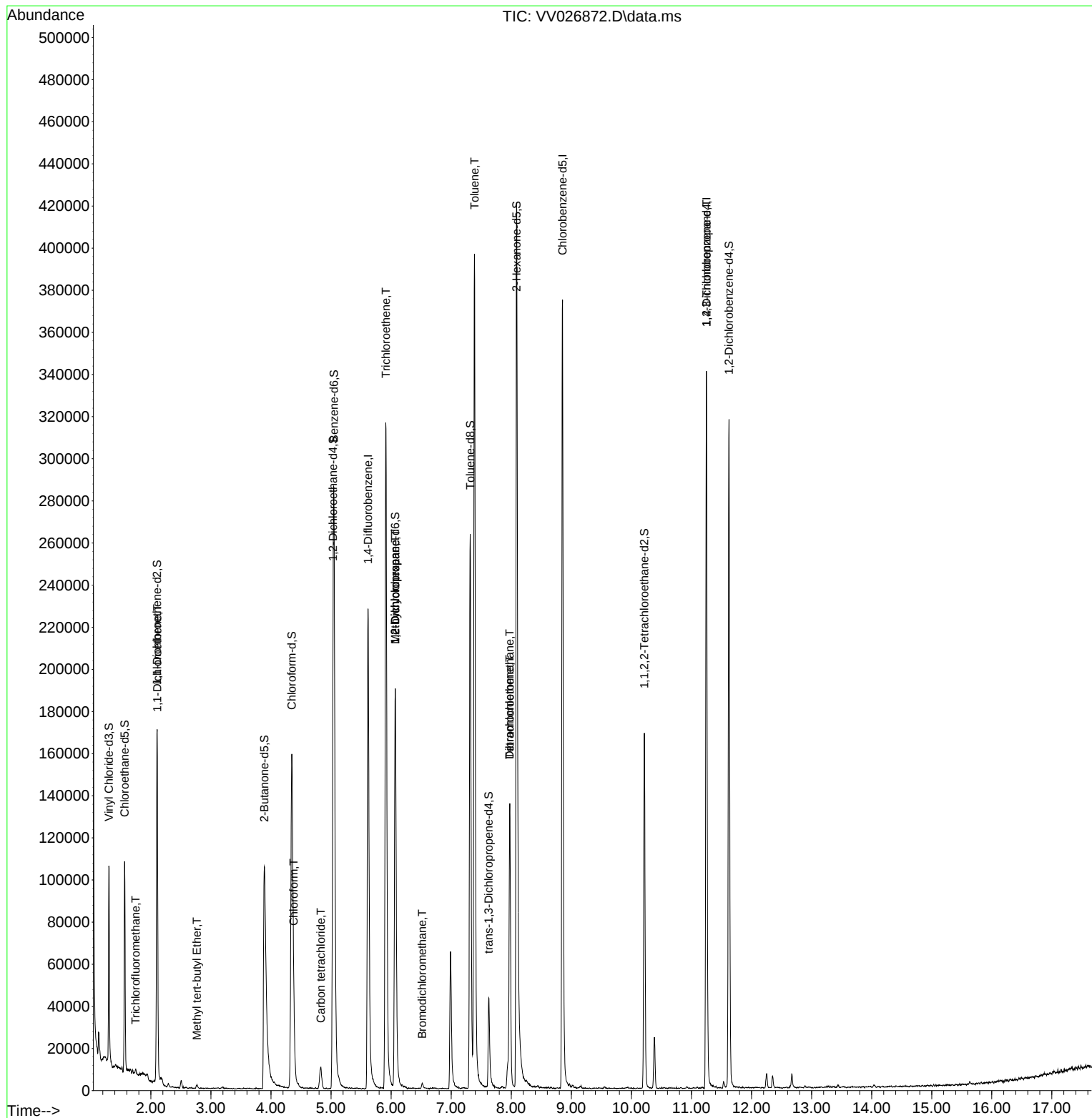
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	203128	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	219749	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	92342	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	60679	3.274	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	65.400%
7) Chloroethane-d5	1.565	69	64716	4.042	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	80.800%
11) 1,1-Dichloroethene-d2	2.105	63	86349	2.427	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	48.600%#
20) 2-Butanone-d5	3.889	46	191415	66.183	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	132.360%#
24) Chloroform-d	4.346	84	167699	5.175	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.600%
26) 1,2-Dichloroethane-d4	5.034	65	77577	5.480	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	109.600%
32) Benzene-d6	5.047	84	265403	3.975	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	79.400%
36) 1,2-Dichloropropane-d6	6.069	67	98695	4.930	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.600%
41) Toluene-d8	7.317	98	187436	3.162	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	63.200%#
43) trans-1,3-Dichloroprop...	7.625	79	27632	4.218	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.400%
46) 2-Hexanone-d5	8.088	63	158029	55.723	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	111.440%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	84242	5.401	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	108.000%
66) 1,2-Dichlorobenzene-d4	11.625	152	85067	5.287	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.800%
Target Compounds						Qvalue
9) Trichlorofluoromethane	1.748	101	1525	0.048	ug/L	95
12) 1,1-Dichloroethene	2.108	96	2522	0.142	ug/L #	1
17) Methyl tert-butyl Ether	2.767	73	1293	0.042	ug/L #	78
25) Chloroform	4.378	83	27484	0.878	ug/L	95
31) Carbon tetrachloride	4.828	117	7980	0.305	ug/L	97
34) Trichloroethene	5.912	95	115839	6.415	ug/L	98
35) Methylcyclohexane	6.069	83	24253	0.880	ug/L #	19
37) 1,2-Dichloropropane	6.069	63	9843	0.560	ug/L #	85
38) Bromodichloromethane	6.516	83	2517	0.110	ug/L #	88
42) Toluene	7.387	91	311387	4.197	ug/L	100
47) Tetrachloroethene	7.976	164	30434	2.149	ug/L	97
49) Dibromochloromethane	7.976	129	30893	2.087	ug/L #	10
61) 1,2,3-Trichloropropane	11.249	75	10834	1.272	ug/L #	65

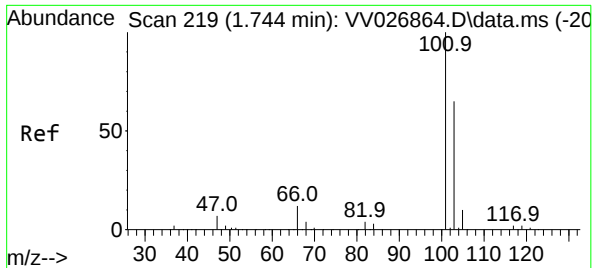
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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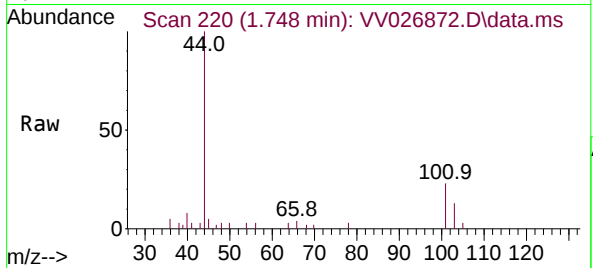
Quant Time: Jul 22 05:56:06 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR071122WMA.M
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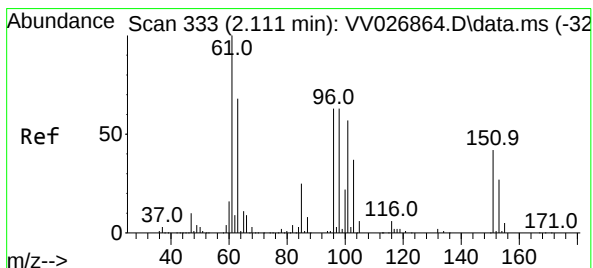
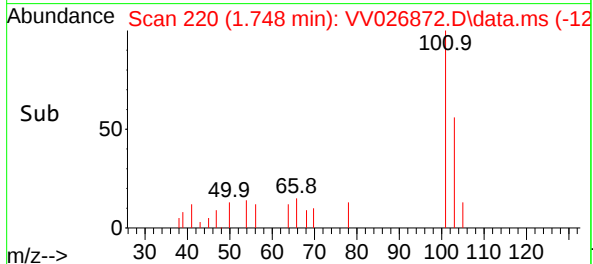
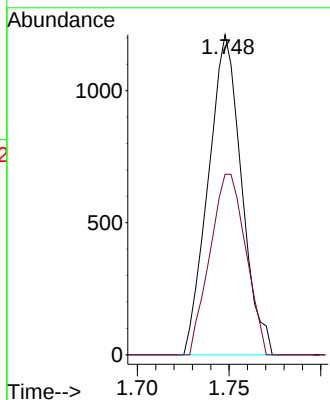


#9
 Trichlorofluoromethane
 Concen: 0.048 ug/L
 RT: 1.748 min Scan# 219
 Delta R.T. 0.003 min
 Lab File: VV026872.D
 Acq: 21 Jul 2022 14:06

Instrument :
 MSVOA_V
 ClientSampleId :

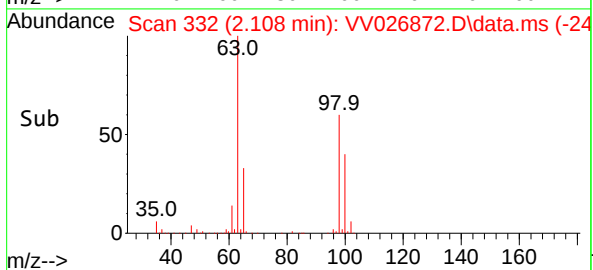
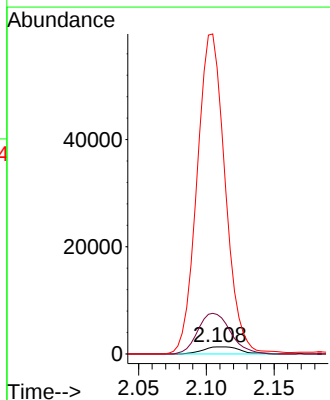
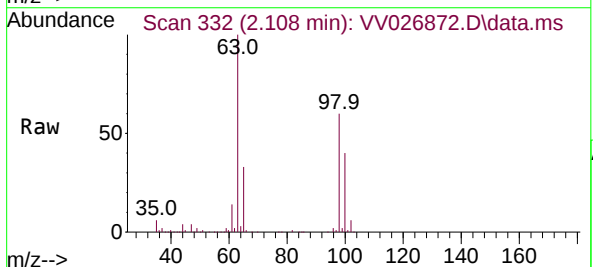


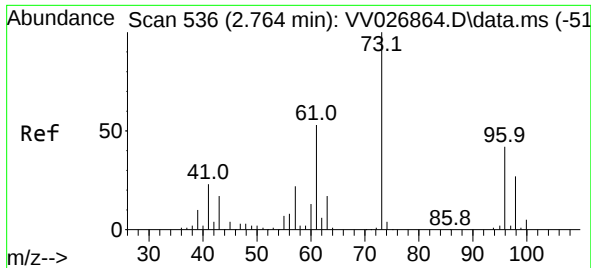
Tgt Ion:101 Resp: 1525
 Ion Ratio Lower Upper
 101 100
 103 60.7 51.6 77.4



#12
 1,1-Dichloroethene
 Concen: 0.142 ug/L
 RT: 2.108 min Scan# 332
 Delta R.T. -0.003 min
 Lab File: VV026872.D
 Acq: 21 Jul 2022 14:06

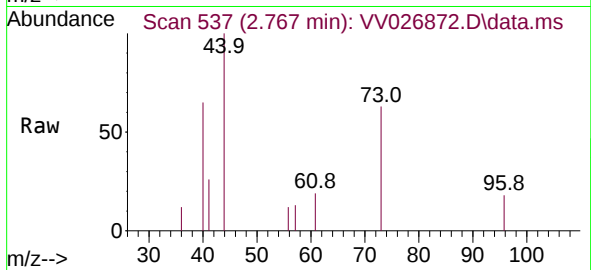
Tgt Ion: 96 Resp: 2522
 Ion Ratio Lower Upper
 96 100
 61 561.1 118.3 219.7#
 63 4068.2 79.9 148.3#



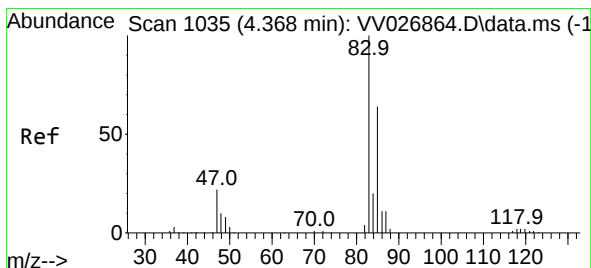
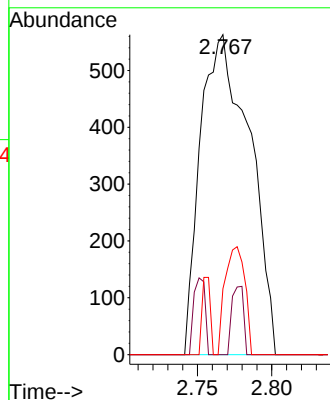
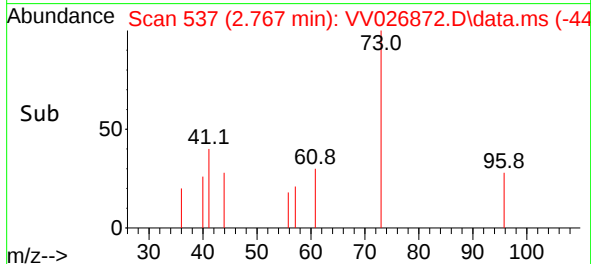


#17
Methyl tert-butyl Ether
Concen: 0.042 ug/L
RT: 2.767 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV026872.D
Acq: 21 Jul 2022 14:06

Instrument :
MSVOA_V
ClientSampleId :

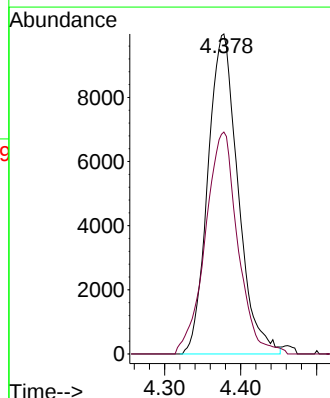
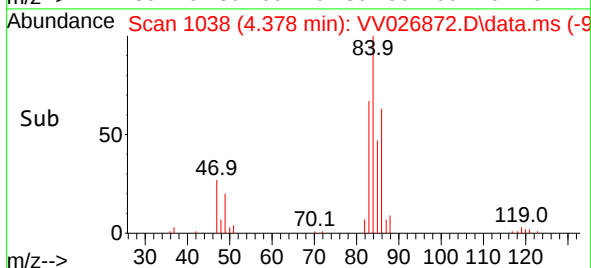
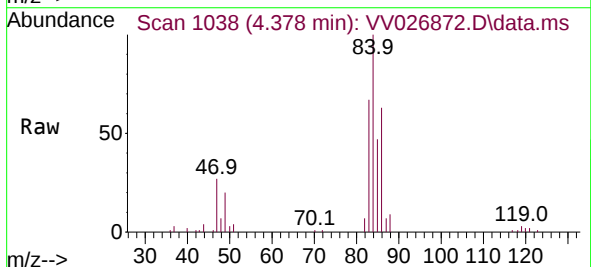


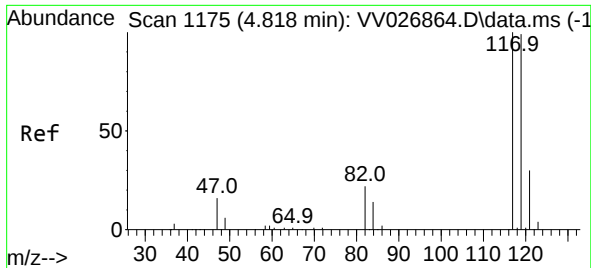
Tgt Ion: 73 Resp: 1293
Ion Ratio Lower Upper
73 100
43 5.1 14.0 21.0#
57 13.7 17.6 26.4#



#25
Chloroform
Concen: 0.878 ug/L
RT: 4.378 min Scan# 1038
Delta R.T. 0.010 min
Lab File: VV026872.D
Acq: 21 Jul 2022 14:06

Tgt Ion: 83 Resp: 27484
Ion Ratio Lower Upper
83 100
85 69.4 45.7 84.9

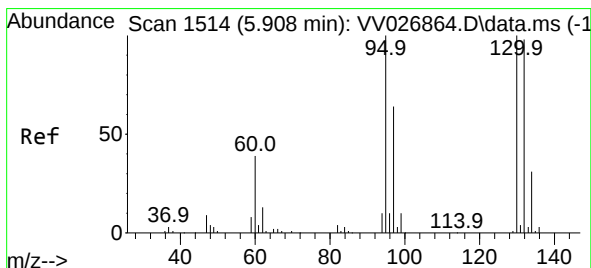
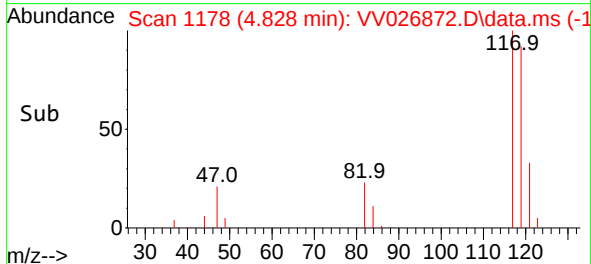
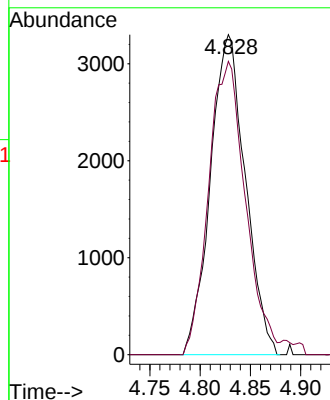
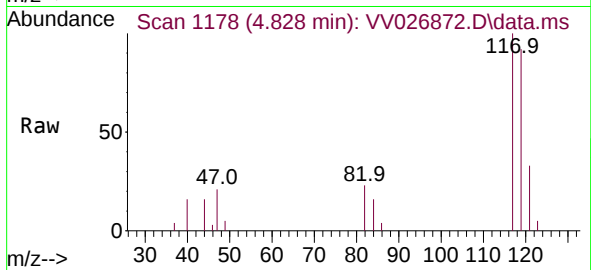




#31
Carbon tetrachloride
Concen: 0.305 ug/L
RT: 4.828 min Scan# 1175
Delta R.T. 0.010 min
Lab File: VV026872.D
Acq: 21 Jul 2022 14:06

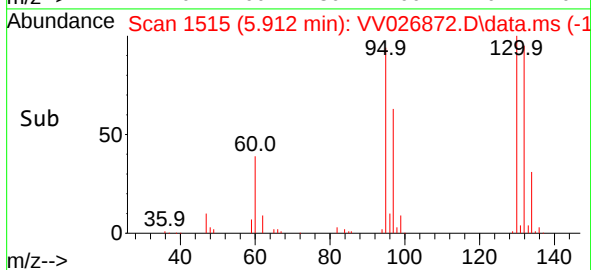
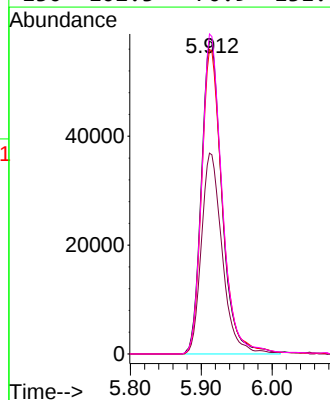
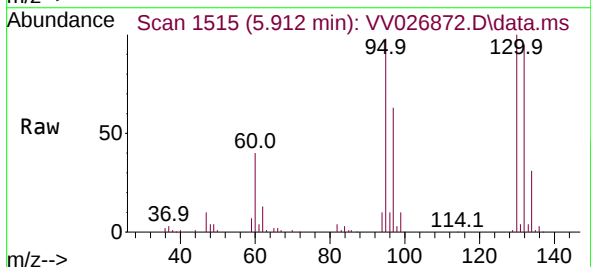
Instrument :
MSVOA_V
ClientSampleId :

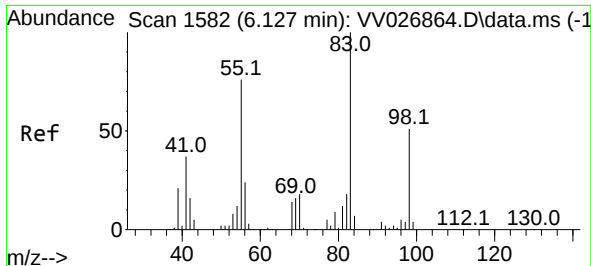
Tgt Ion:117 Resp: 7980
Ion Ratio Lower Upper
117 100
119 96.6 75.1 112.7



#34
Trichloroethene
Concen: 6.415 ug/L
RT: 5.912 min Scan# 1515
Delta R.T. 0.003 min
Lab File: VV026872.D
Acq: 21 Jul 2022 14:06

Tgt Ion: 95 Resp: 115839
Ion Ratio Lower Upper
95 100
97 64.2 44.6 82.8
132 97.4 70.2 130.4
130 102.3 70.9 131.7





#35

Methylcyclohexane

Concen: 0.880 ug/L

RT: 6.069 min Scan# 1564

Delta R.T. -0.058 min

Lab File: VV026872.D

Acq: 21 Jul 2022 14:06

Instrument :

MSVOA_V

ClientSampleId :

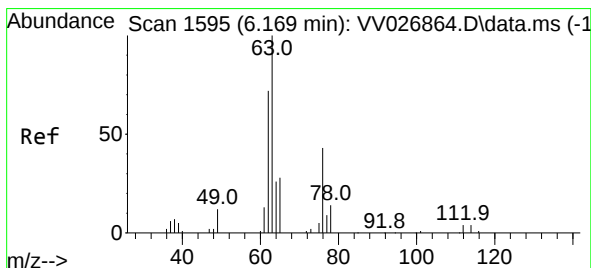
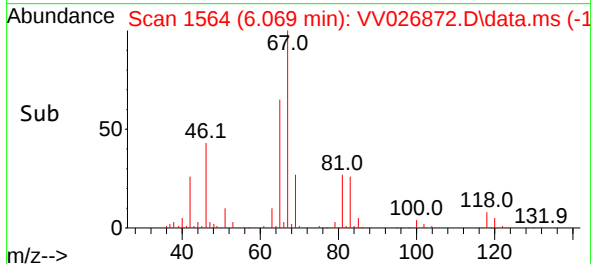
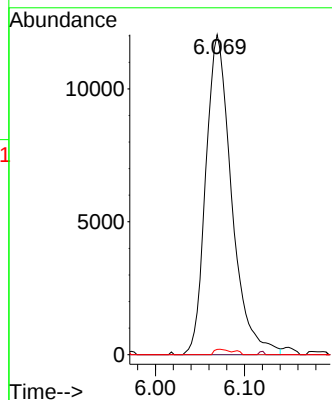
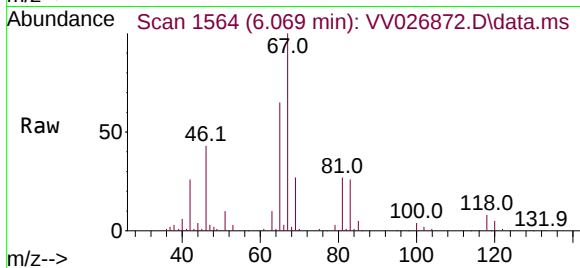
Tgt Ion: 83 Resp: 24253

Ion Ratio Lower Upper

83 100

55 0.2 59.5 89.3#

98 0.9 38.3 57.5#



#37

1,2-Dichloropropane

Concen: 0.560 ug/L

RT: 6.069 min Scan# 1564

Delta R.T. -0.099 min

Lab File: VV026872.D

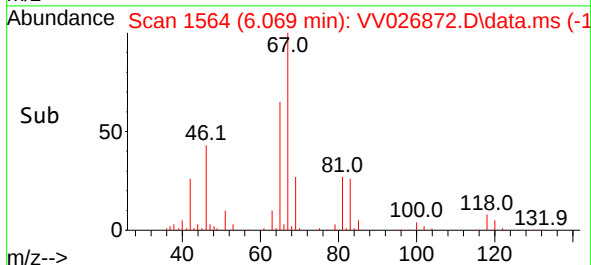
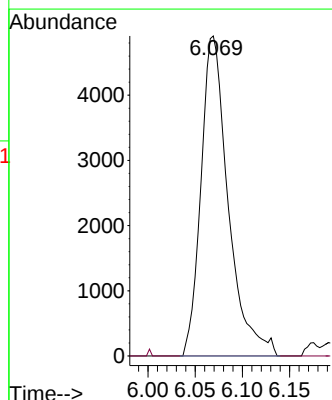
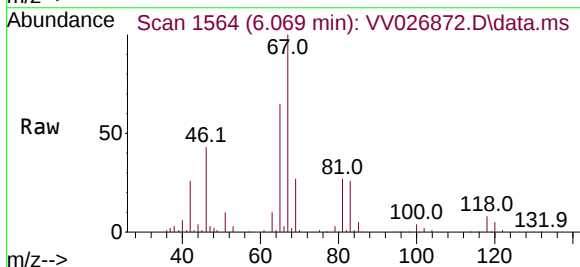
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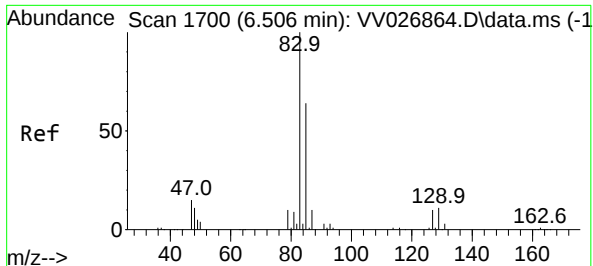
Tgt Ion: 63 Resp: 9843

Ion Ratio Lower Upper

63 100

112 0.2 4.2 6.2#





#38

Bromodichloromethane

Concen: 0.110 ug/L

RT: 6.516 min Scan# 1

Delta R.T. 0.010 min

Lab File: VV026872.D

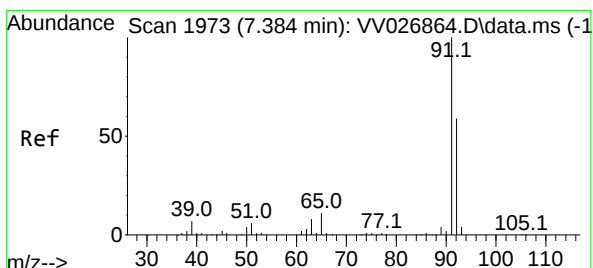
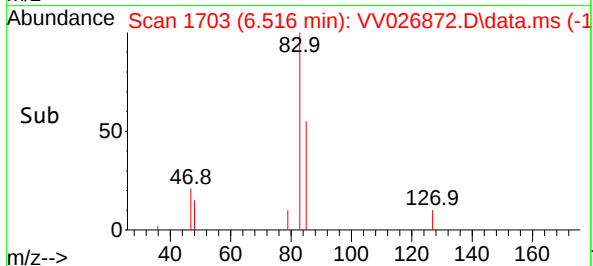
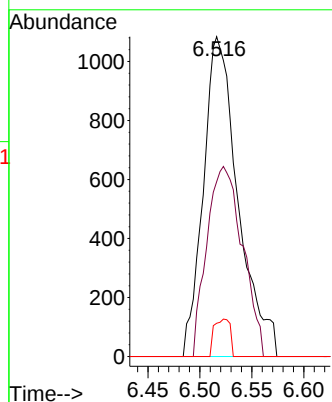
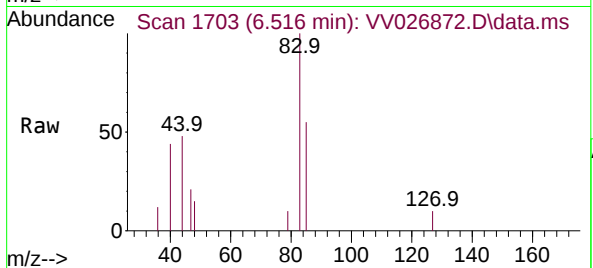
Acq: 21 Jul 2022 14:06

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 83	Resp: 2517
Ion Ratio	Lower Upper
83	100
85	54.7 45.4 84.4
127	10.4 6.6 10.0#



#42

Toluene

Concen: 4.197 ug/L

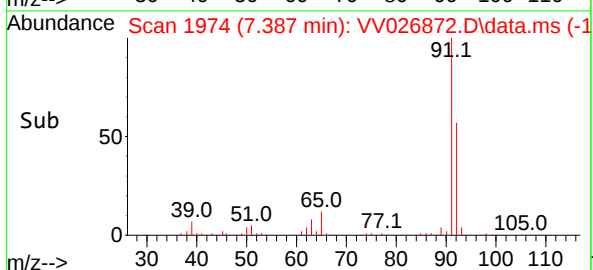
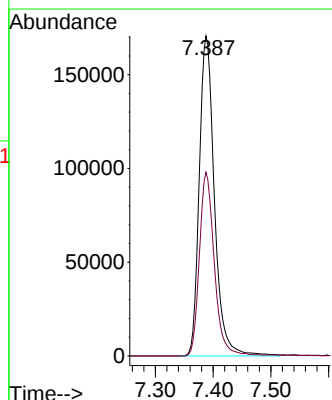
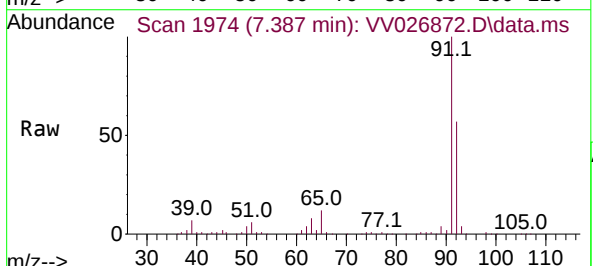
RT: 7.387 min Scan# 1974

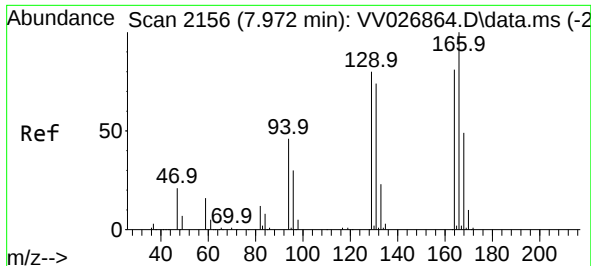
Delta R.T. 0.003 min

Lab File: VV026872.D

Acq: 21 Jul 2022 14:06

Tgt Ion: 91	Resp: 311387
Ion Ratio	Lower Upper
91	100
92	57.4 40.2 74.6





#47

Tetrachloroethene

Concen: 2.149 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. 0.003 min

Lab File: VV026872.D

Acq: 21 Jul 2022 14:06

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:164 Resp: 30434

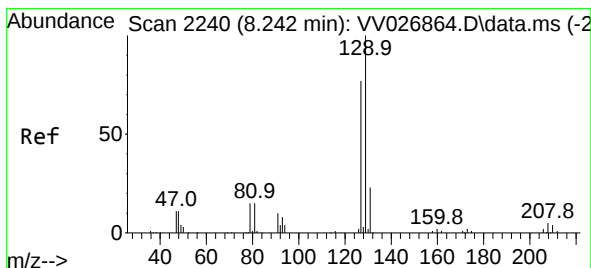
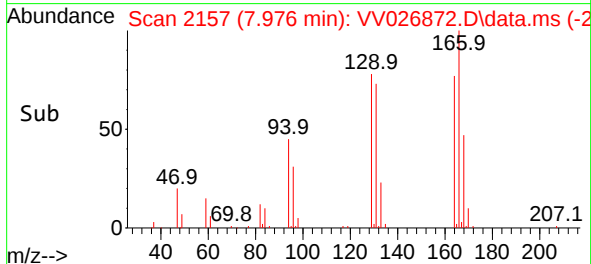
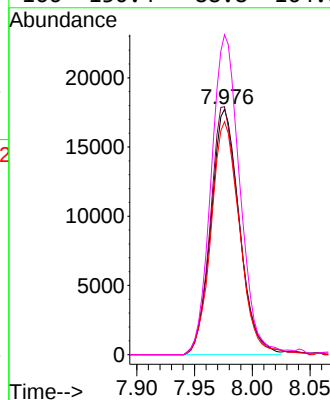
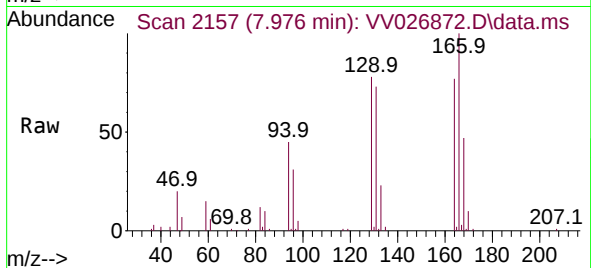
Ion Ratio Lower Upper

164 100

129 101.0 67.8 125.8

131 94.9 65.9 122.5

166 130.4 88.8 164.8



#49

Dibromochloromethane

Concen: 2.087 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. -0.267 min

Lab File: VV026872.D

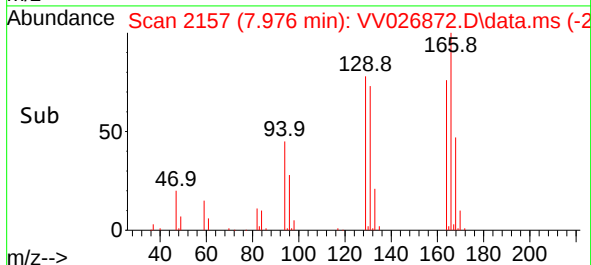
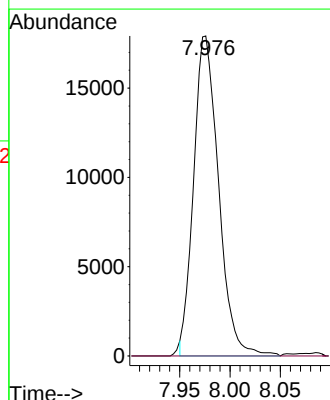
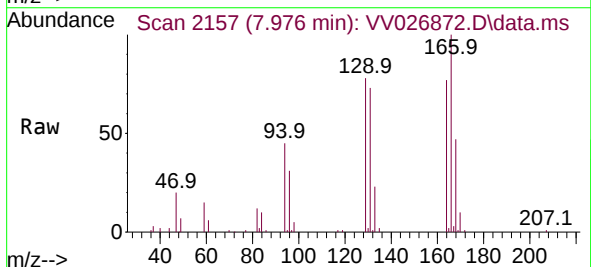
Acq: 21 Jul 2022 14:06

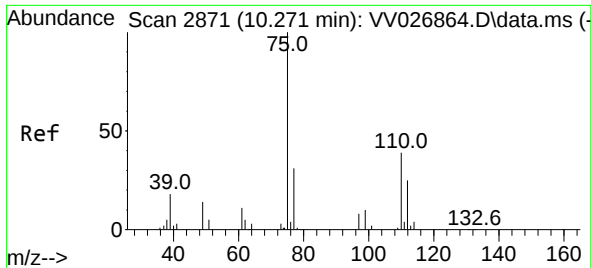
Tgt Ion:129 Resp: 30893

Ion Ratio Lower Upper

129 100

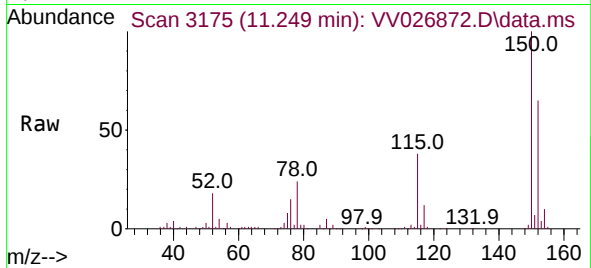
127 0.0 55.7 103.5#





#61
 1,2,3-Trichloropropane
 Concen: 1.272 ug/L
 RT: 11.249 min Scan# 31
 Delta R.T. 0.978 min
 Lab File: VV026872.D
 Acq: 21 Jul 2022 14:06

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
75	100		
77	33.3	25.4	38.0
110	2.2	31.8	47.6#

