

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW072122\
 Data File : VW026873.D
 Acq On : 21 Jul 2022 14:31
 Operator : SY/MD
 Sample : N3809-04
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jul 22 05:56:21 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

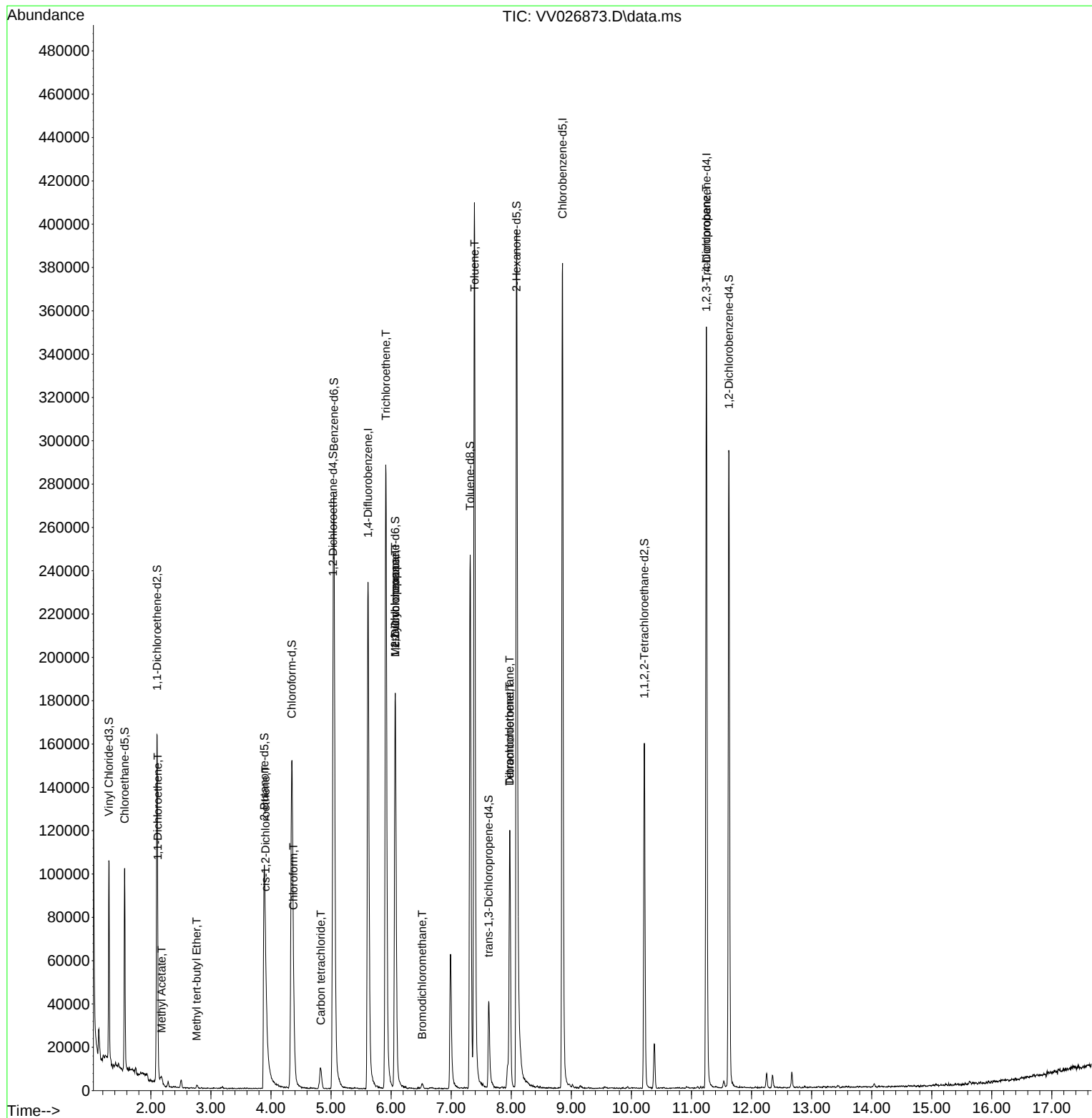
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	213685	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	226067	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	93554	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	59679	3.061	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	61.200%	
7) Chloroethane-d5	1.564	69	61607	3.658	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	73.200%	
11) 1,1-Dichloroethene-d2	2.101	63	81290	2.172	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	43.400%#	
20) 2-Butanone-d5	3.889	46	193688	63.660	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	127.320%	
24) Chloroform-d	4.346	84	160086	4.696	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	94.000%	
26) 1,2-Dichloroethane-d4	5.034	65	73760	4.953	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	99.000%	
32) Benzene-d6	5.047	84	250867	3.652	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	73.000%	
36) 1,2-Dichloropropane-d6	6.069	67	95436	4.634	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	92.600%	
41) Toluene-d8	7.317	98	176707	2.898	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	58.000%#	
43) trans-1,3-Dichloroprop...	7.625	79	25675	3.810	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	76.200%	
46) 2-Hexanone-d5	8.088	63	148302	50.831	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	101.660%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	79905	4.980	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	99.600%	
66) 1,2-Dichlorobenzene-d4	11.625	152	79319	4.866	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	97.400%	
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.114	96	2698	0.144	ug/L #	1
15) Methyl Acetate	2.179	43	2626	0.507	ug/L #	50
17) Methyl tert-butyl Ether	2.764	73	982	0.030	ug/L #	82
22) cis-1,2-Dichloroethene	3.908	96	1124	0.065	ug/L	86
25) Chloroform	4.375	83	26771	0.813	ug/L	98
31) Carbon tetrachloride	4.831	117	7768	0.289	ug/L	99
34) Trichloroethene	5.911	95	107601	5.793	ug/L	98
35) Methylcyclohexane	6.066	83	23917	0.844	ug/L #	19
37) 1,2-Dichloropropane	6.066	63	9576	0.530	ug/L #	85
38) Bromodichloromethane	6.516	83	2155	0.091	ug/L #	88
42) Toluene	7.387	91	316447	4.146	ug/L	99
47) Tetrachloroethene	7.976	164	27298	1.874	ug/L	98
49) Dibromochloromethane	7.976	129	26130	1.716	ug/L #	10
61) 1,2,3-Trichloropropane	11.246	75	11134	1.290	ug/L #	66

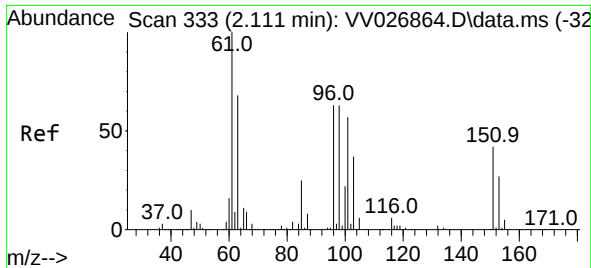
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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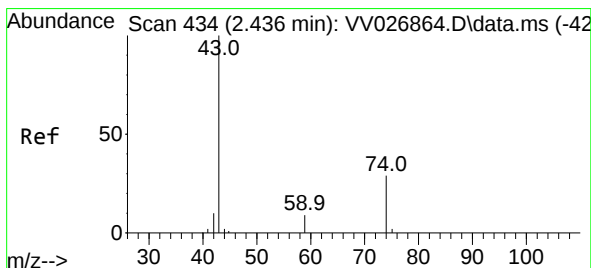
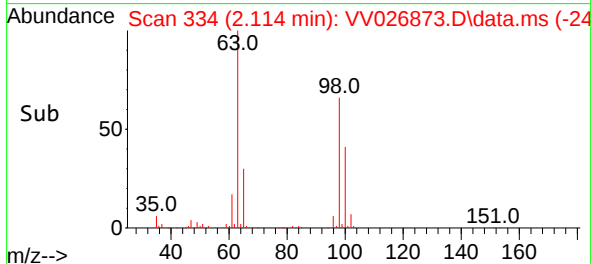
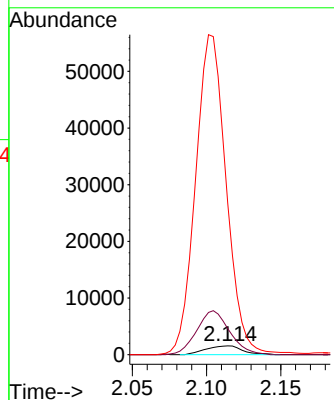
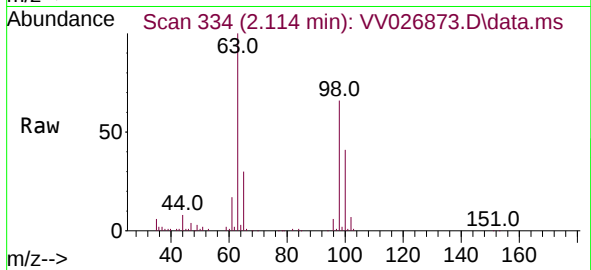




#12
 1,1-Dichloroethene
 Concen: 0.144 ug/L
 RT: 2.114 min Scan# 31
 Delta R.T. 0.003 min
 Lab File: VV026873.D
 Acq: 21 Jul 2022 14:31

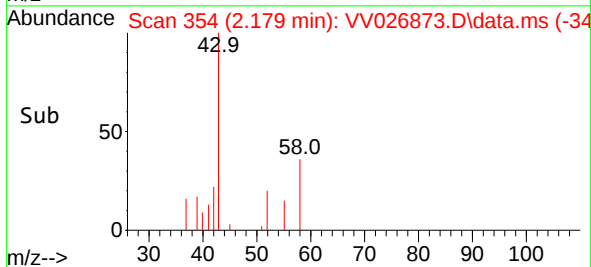
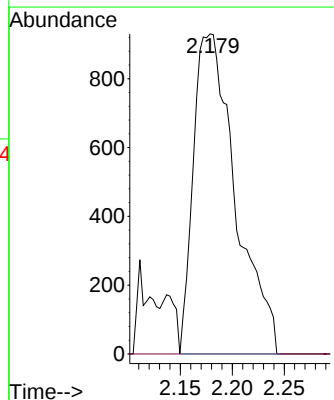
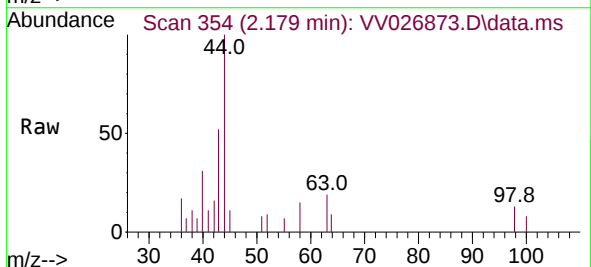
Instrument :
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 ClientSampleId :

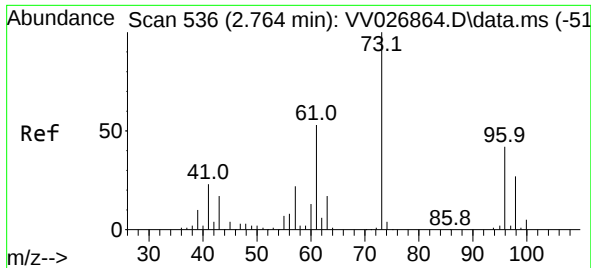
Tgt Ion: 96 Resp: 2698
 Ion Ratio Lower Upper
 96 100
 61 295.4 118.3 219.7#
 63 1720.2 79.9 148.3#



#15
 Methyl Acetate
 Concen: 0.507 ug/L
 RT: 2.179 min Scan# 354
 Delta R.T. -0.257 min
 Lab File: VV026873.D
 Acq: 21 Jul 2022 14:31

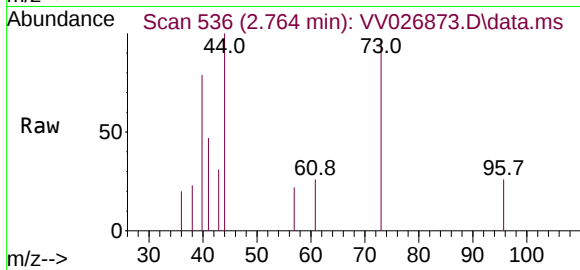
Tgt Ion: 43 Resp: 2626
 Ion Ratio Lower Upper
 43 100
 74 0.0 20.1 30.1#



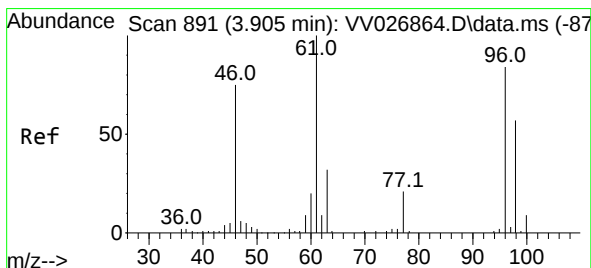
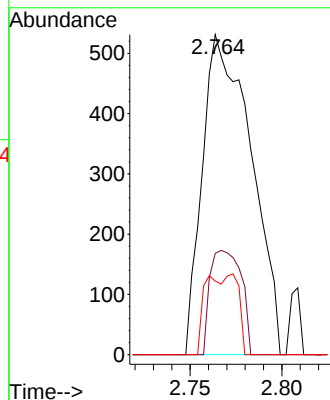
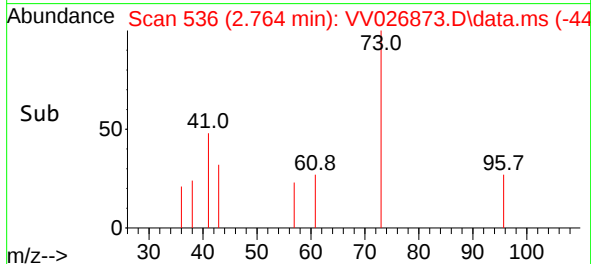


#17
Methyl tert-butyl Ether
Concen: 0.030 ug/L
RT: 2.764 min Scan# 51
Delta R.T. 0.000 min
Lab File: VV026873.D
Acq: 21 Jul 2022 14:31

Instrument :
MSVOA_V
ClientSampleId :

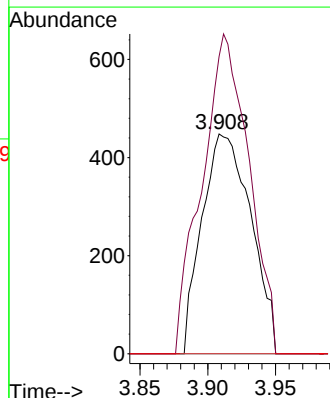
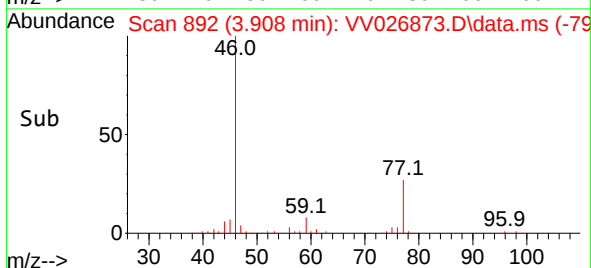
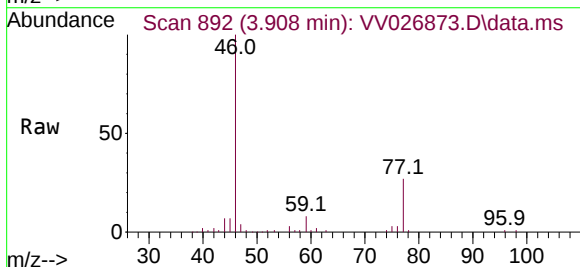


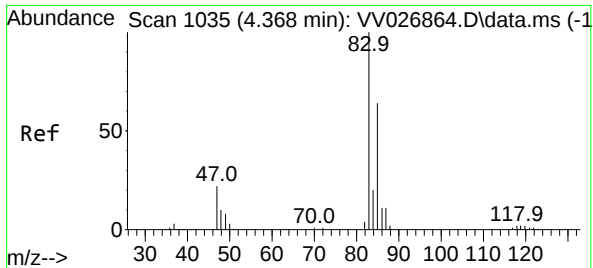
Tgt Ion: 73 Resp: 982
Ion Ratio Lower Upper
73 100
43 20.8 14.0 21.0
57 9.5 17.6 26.4#



#22
cis-1,2-Dichloroethene
Concen: 0.065 ug/L
RT: 3.908 min Scan# 892
Delta R.T. 0.003 min
Lab File: VV026873.D
Acq: 21 Jul 2022 14:31

Tgt Ion: 96 Resp: 1124
Ion Ratio Lower Upper
96 100
61 135.3 83.9 155.9
68 0.0 0.0 0.0

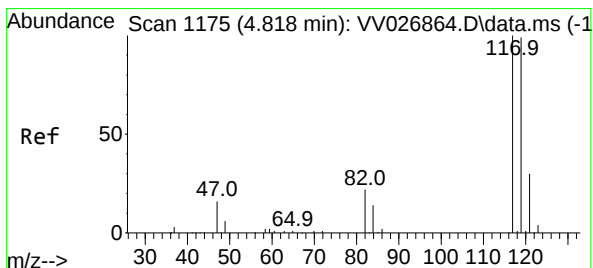
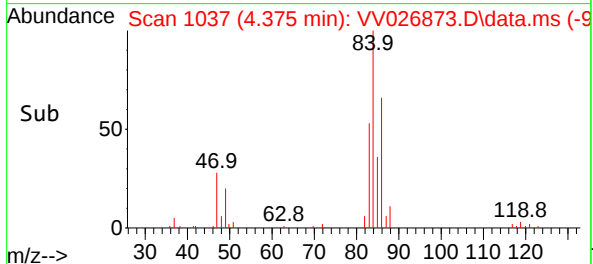
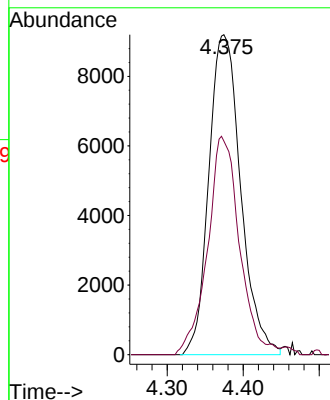
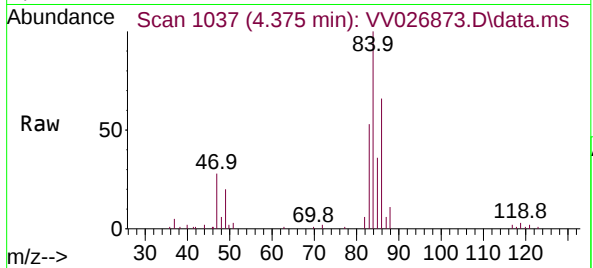




#25
Chloroform
Concen: 0.813 ug/L
RT: 4.375 min Scan# 1107
Delta R.T. 0.006 min
Lab File: VV026873.D
Acq: 21 Jul 2022 14:31

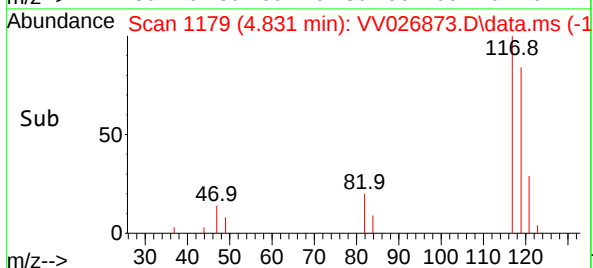
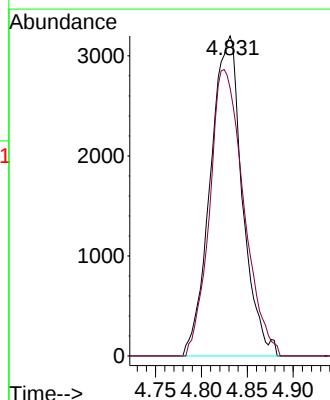
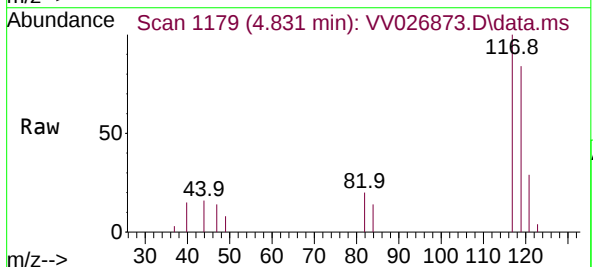
Instrument :
MSVOA_V
ClientSampleId :

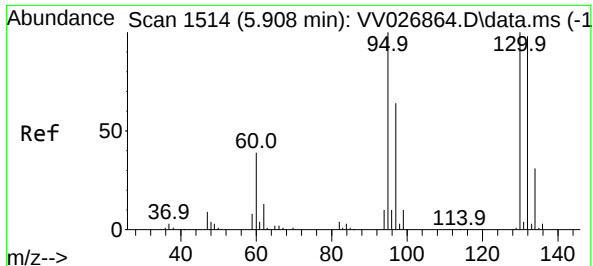
Tgt Ion: 83 Resp: 26771
Ion Ratio Lower Upper
83 100
85 66.8 45.7 84.9



#31
Carbon tetrachloride
Concen: 0.289 ug/L
RT: 4.831 min Scan# 1179
Delta R.T. 0.013 min
Lab File: VV026873.D
Acq: 21 Jul 2022 14:31

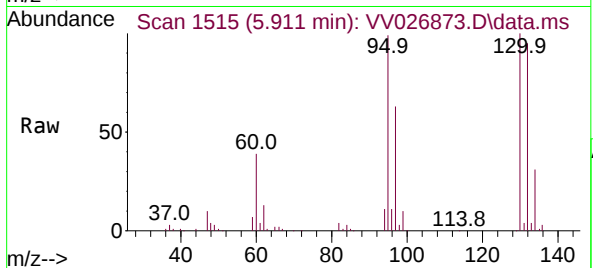
Tgt Ion: 117 Resp: 7768
Ion Ratio Lower Upper
117 100
119 95.2 75.1 112.7



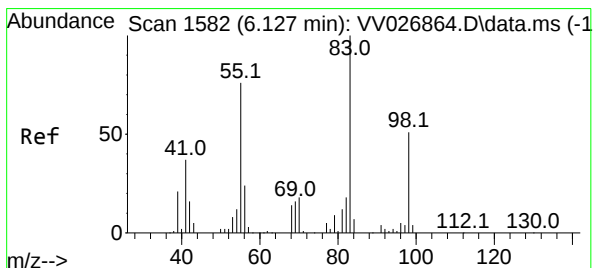
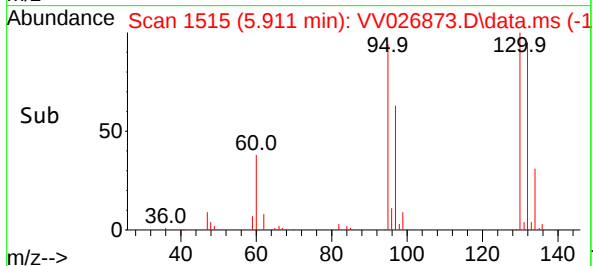
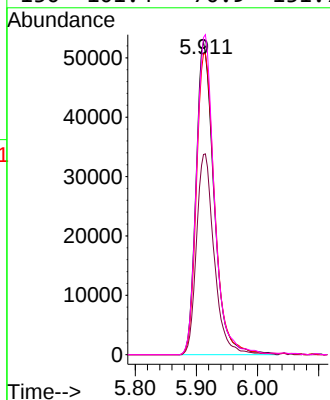


#34
Trichloroethene
Concen: 5.793 ug/L
RT: 5.911 min Scan# 1514
Delta R.T. 0.003 min
Lab File: VV026873.D
Acq: 21 Jul 2022 14:31

Instrument :
MSVOA_V
ClientSampleId :

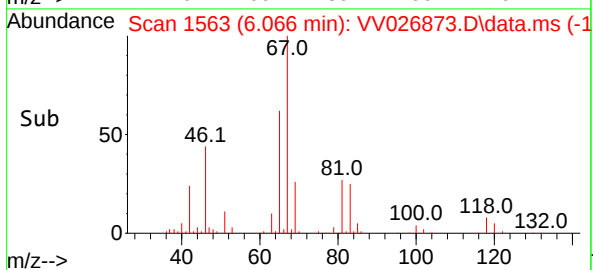
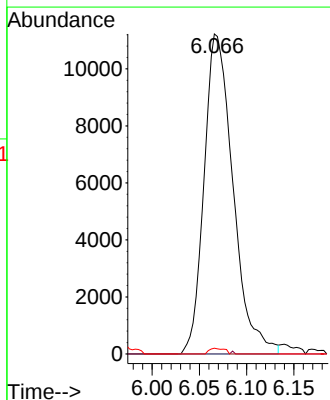
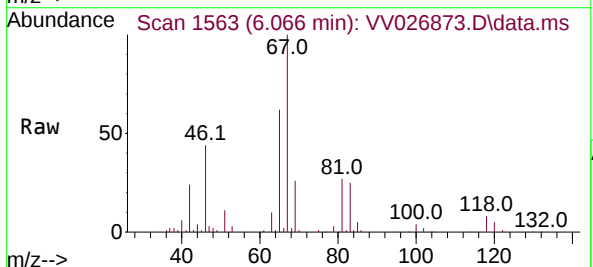


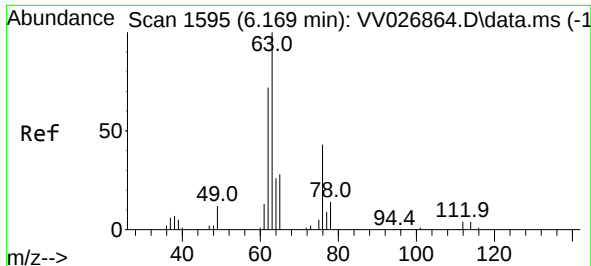
Tgt Ion: 95 Resp: 107601
Ion Ratio Lower Upper
95 100
97 64.0 44.6 82.8
132 96.1 70.2 130.4
130 101.4 70.9 131.7



#35
Methylcyclohexane
Concen: 0.844 ug/L
RT: 6.066 min Scan# 1563
Delta R.T. -0.061 min
Lab File: VV026873.D
Acq: 21 Jul 2022 14:31

Tgt Ion: 83 Resp: 23917
Ion Ratio Lower Upper
83 100
55 0.1 59.5 89.3#
98 0.9 38.3 57.5#





#37

1,2-Dichloropropane

Concen: 0.530 ug/L

RT: 6.066 min Scan# 11

Delta R.T. -0.103 min

Lab File: VV026873.D

Acq: 21 Jul 2022 14:31

Instrument :

MSVOA_V

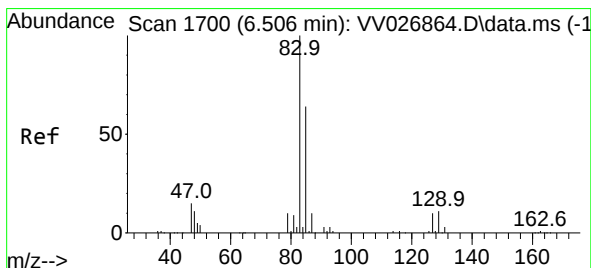
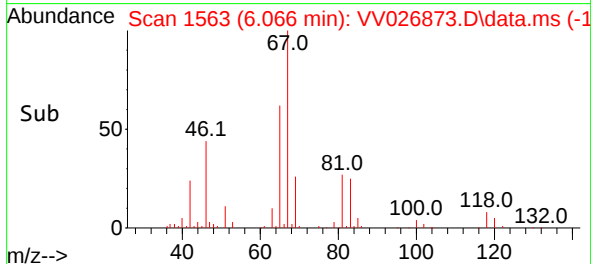
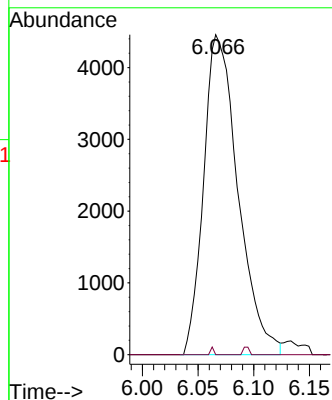
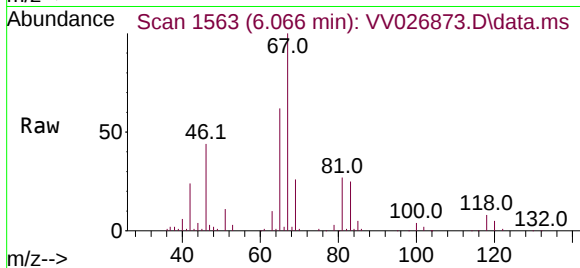
ClientSampleId :

Tgt Ion: 63 Resp: 9576

Ion Ratio Lower Upper

63 100

112 0.2 4.2 6.2#



#38

Bromodichloromethane

Concen: 0.091 ug/L

RT: 6.516 min Scan# 1703

Delta R.T. 0.010 min

Lab File: VV026873.D

Acq: 21 Jul 2022 14:31

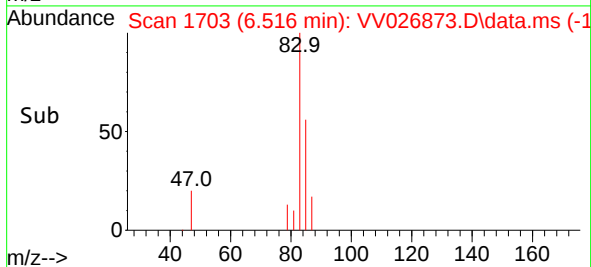
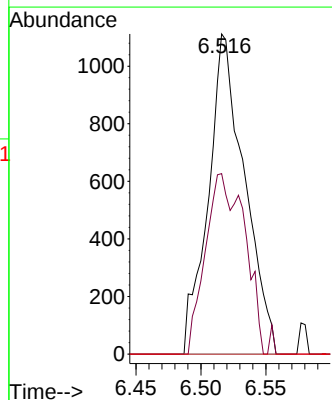
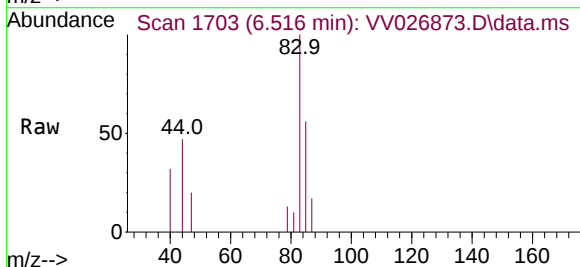
Tgt Ion: 83 Resp: 2155

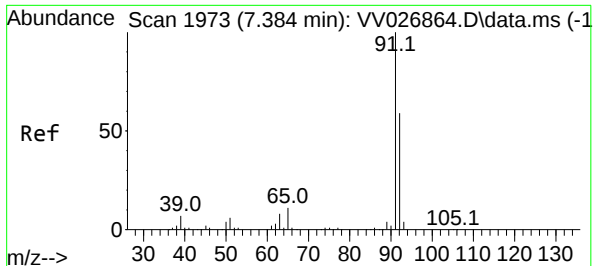
Ion Ratio Lower Upper

83 100

85 56.4 45.4 84.4

127 0.0 6.6 10.0#

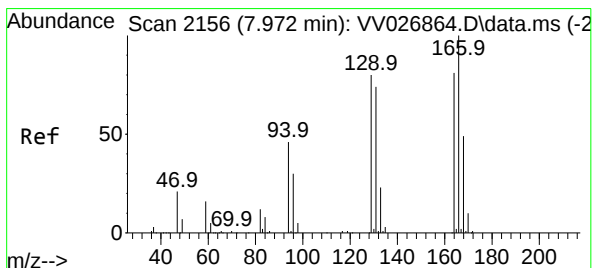
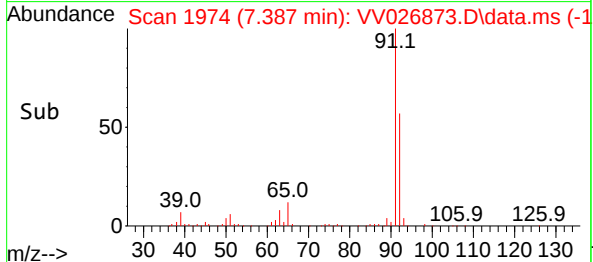
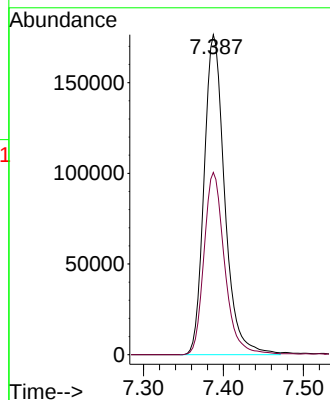
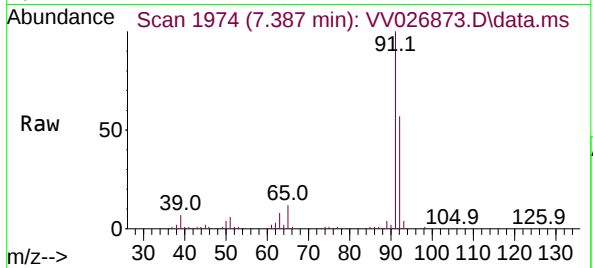




#42
Toluene
Concen: 4.146 ug/L
RT: 7.387 min Scan# 1973
Delta R.T. 0.003 min
Lab File: VV026873.D
Acq: 21 Jul 2022 14:31

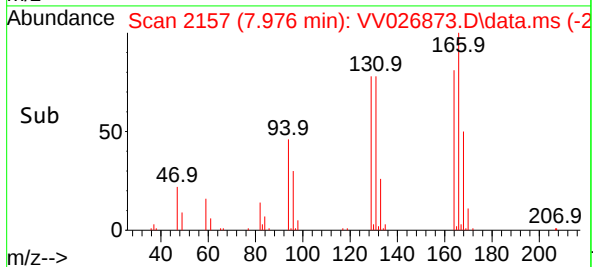
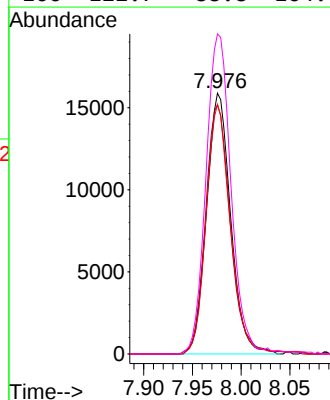
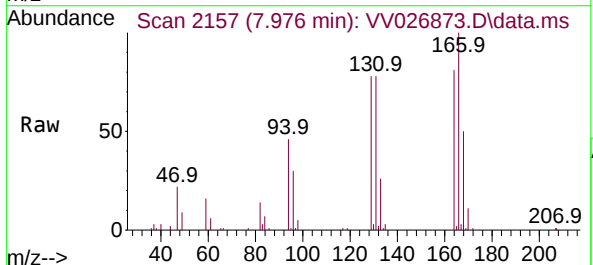
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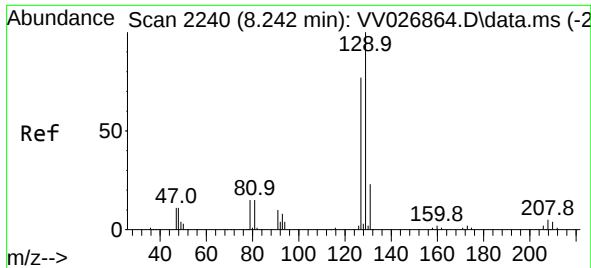
Tgt Ion: 91 Resp: 316447
Ion Ratio Lower Upper
91 100
92 57.0 40.2 74.6



#47
Tetrachloroethene
Concen: 1.874 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. 0.003 min
Lab File: VV026873.D
Acq: 21 Jul 2022 14:31

Tgt Ion: 164 Resp: 27298
Ion Ratio Lower Upper
164 100
129 95.5 67.8 125.8
131 95.7 65.9 122.5
166 122.7 88.8 164.8

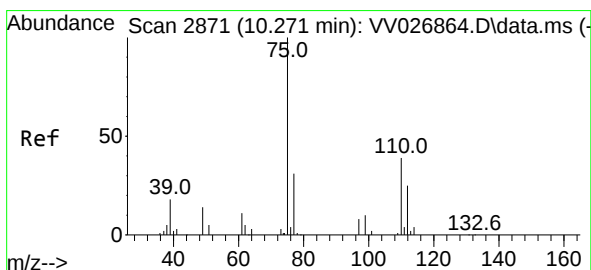
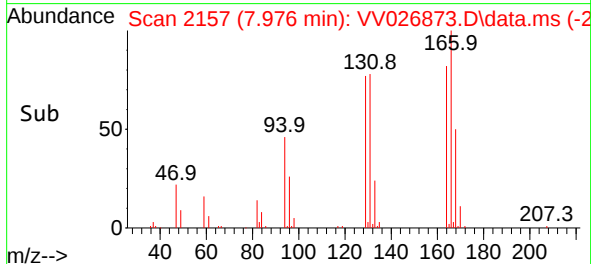
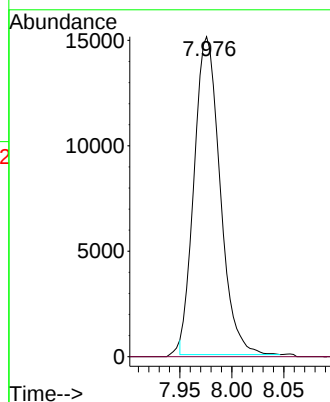
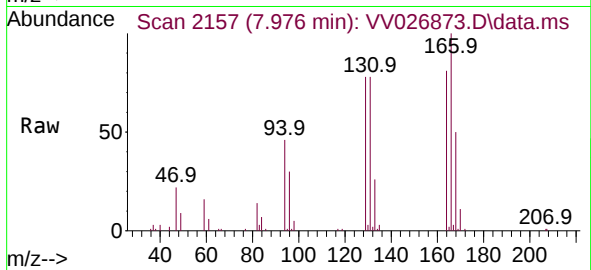




#49
Dibromochloromethane
Concen: 1.716 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. -0.267 min
Lab File: VV026873.D
Acq: 21 Jul 2022 14:31

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:129 Resp: 26130
Ion Ratio Lower Upper
129 100
127 0.0 55.7 103.5#



#61
1,2,3-Trichloropropane
Concen: 1.290 ug/L
RT: 11.246 min Scan# 3174
Delta R.T. 0.974 min
Lab File: VV026873.D
Acq: 21 Jul 2022 14:31

Tgt Ion: 75 Resp: 11134
Ion Ratio Lower Upper
75 100
77 31.3 25.4 38.0
110 2.6 31.8 47.6#

