

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW072122\
 Data File : VW026869.D
 Acq On : 21 Jul 2022 12:51
 Operator : SY/MD
 Sample : N3802-01
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GBHW6

Quant Time: Jul 22 05:55:26 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)

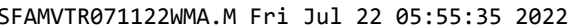
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	216170	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	227735	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	96291	5.000	ug/L	0.00

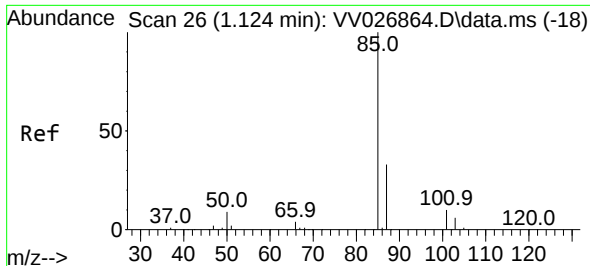
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	63539	3.222	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	64.400%
7) Chloroethane-d5	1.565	69	65684	3.855	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	77.000%
11) 1,1-Dichloroethene-d2	2.105	63	88605	2.340	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	46.800%#
20) 2-Butanone-d5	3.886	46	194634	63.236	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	126.480%
24) Chloroform-d	4.346	84	163066	4.729	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.600%
26) 1,2-Dichloroethane-d4	5.031	65	74705	4.959	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.200%
32) Benzene-d6	5.047	84	261856	3.784	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	75.600%
36) 1,2-Dichloropropane-d6	6.069	67	100049	4.822	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.400%
41) Toluene-d8	7.317	98	186107	3.030	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	60.600%#
43) trans-1,3-Dichloroprop...	7.625	79	24862	3.662	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	73.200%
46) 2-Hexanone-d5	8.088	63	147882	50.316	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.640%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	81897	5.067	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.400%
66) 1,2-Dichlorobenzene-d4	11.622	152	81590	4.863	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.200%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.127	85	3195	0.116	ug/L	95
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	193016	9.874	ug/L	99
12) 1,1-Dichloroethene	2.114	96	6694	0.353	ug/L #	1
17) Methyl tert-butyl Ether	2.767	73	24289	0.744	ug/L	97
18) trans-1,2-Dichloroethene	2.761	96	906	0.052	ug/L	82
19) 1,1-Dichloroethane	3.191	63	5391	0.169	ug/L	96
22) cis-1,2-Dichloroethene	3.908	96	95753	5.450	ug/L	98
25) Chloroform	4.375	83	3114	0.093	ug/L	77
29) 1,1,1-Trichloroethane	4.606	97	1836	0.060	ug/L #	70
34) Trichloroethene	5.912	95	329998	17.635	ug/L	98
35) Methylcyclohexane	6.066	83	24455	0.856	ug/L #	19
37) 1,2-Dichloropropane	6.069	63	9905	0.544	ug/L #	85
47) Tetrachloroethene	7.973	164	137726	9.384	ug/L	99
49) Dibromochloromethane	7.973	129	129885	8.468	ug/L #	10
61) 1,2,3-Trichloropropane	11.249	75	10970	1.235	ug/L #	66

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

Quant Time: Jul 22 05:55:26 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

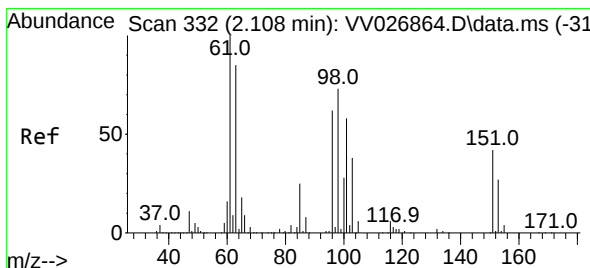
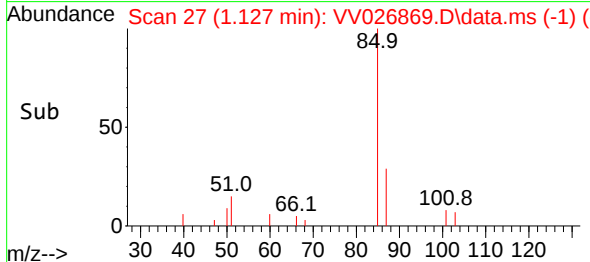
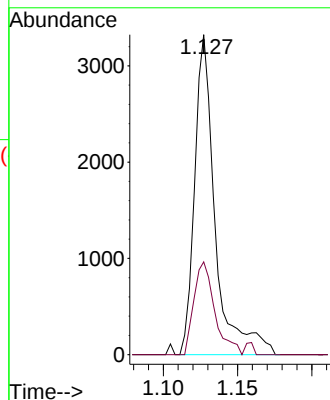
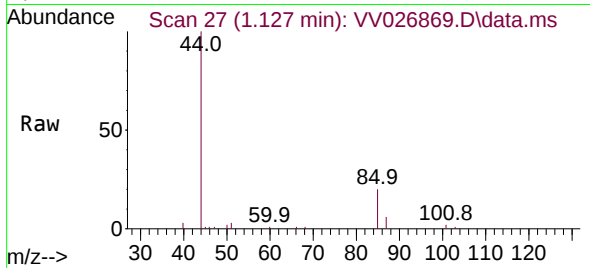




#2
Dichlorodifluoromethane
Concen: 0.116 ug/L
RT: 1.127 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV026869.D
Acq: 21 Jul 2022 12:51

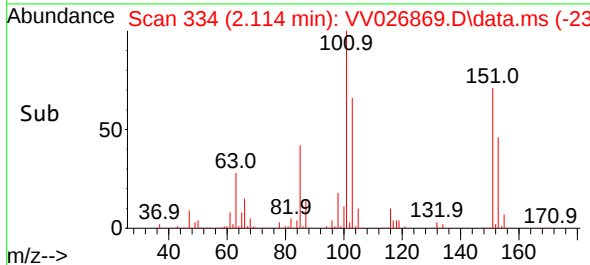
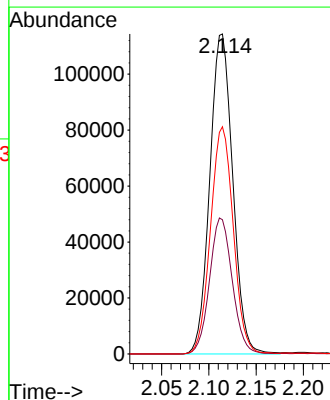
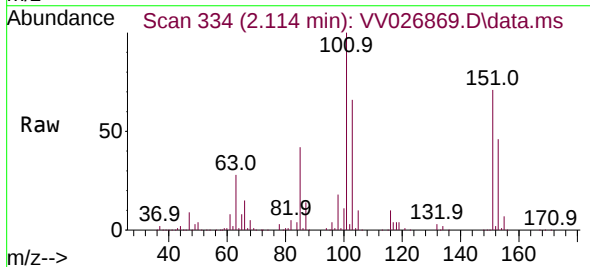
Instrument :
MSVOA_V
ClientSampleId :
GBHW6

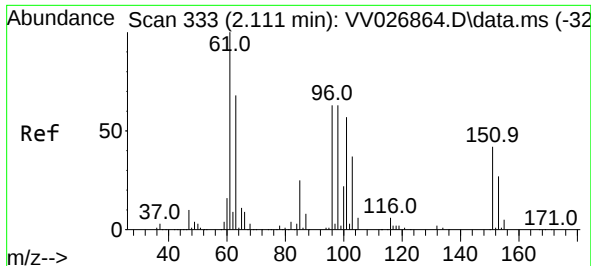
Tgt Ion: 85 Resp: 3195
Ion Ratio Lower Upper
85 100
87 29.5 25.8 38.8



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 9.874 ug/L
RT: 2.114 min Scan# 334
Delta R.T. 0.007 min
Lab File: VV026869.D
Acq: 21 Jul 2022 12:51

Tgt Ion: 101 Resp: 193016
Ion Ratio Lower Upper
101 100
85 42.2 35.0 52.4
151 70.7 56.7 85.1

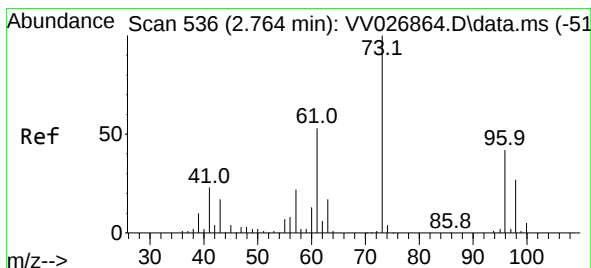
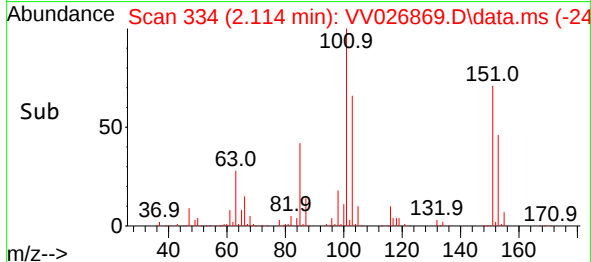
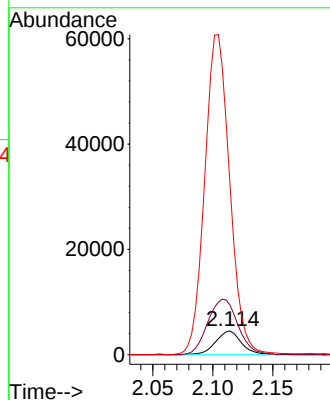
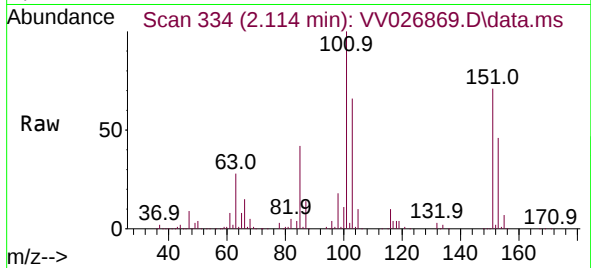




#12
 1,1-Dichloroethene
 Concen: 0.353 ug/L
 RT: 2.114 min Scan# 311
 Delta R.T. 0.003 min
 Lab File: VV026869.D
 Acq: 21 Jul 2022 12:51

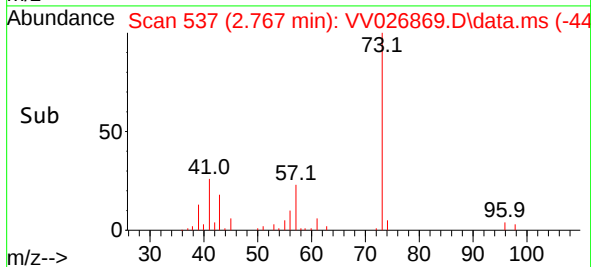
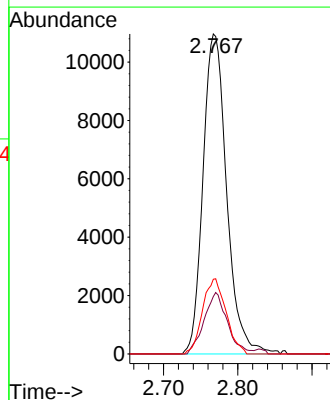
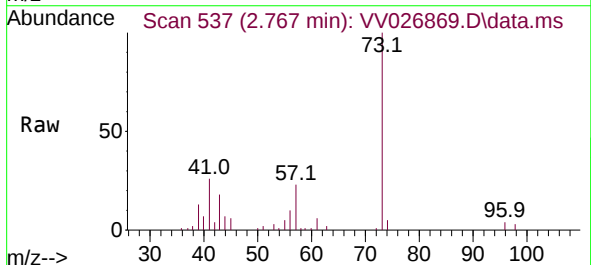
Instrument :
 MSVOA_V
 ClientSampleId :
 GBHW6

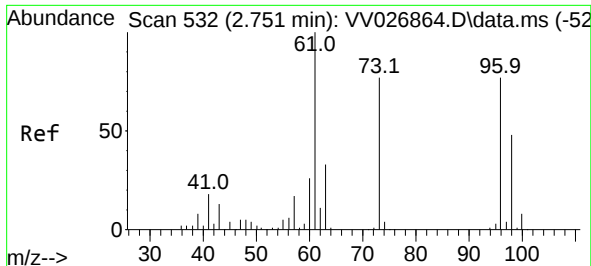
Tgt Ion: 96 Resp: 6694
 Ion Ratio Lower Upper
 96 100
 61 208.8 118.3 219.7
 63 711.0 79.9 148.3#



#17
 Methyl tert-butyl Ether
 Concen: 0.744 ug/L
 RT: 2.767 min Scan# 537
 Delta R.T. 0.003 min
 Lab File: VV026869.D
 Acq: 21 Jul 2022 12:51

Tgt Ion: 73 Resp: 24289
 Ion Ratio Lower Upper
 73 100
 43 18.9 14.0 21.0
 57 23.3 17.6 26.4

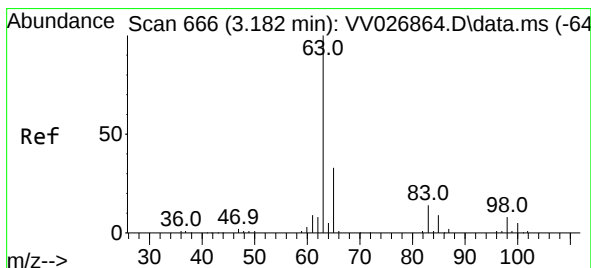
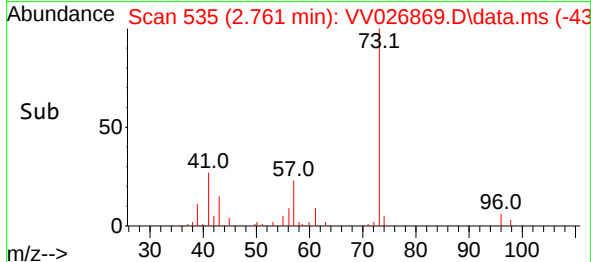
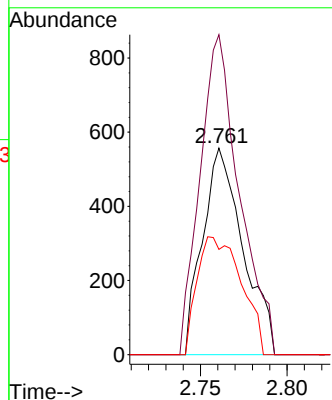
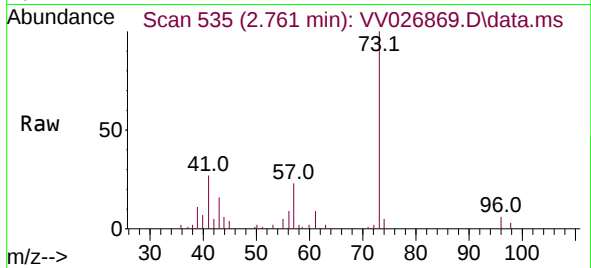




#18
trans-1,2-Dichloroethene
Concen: 0.052 ug/L
RT: 2.761 min Scan# 51
Delta R.T. 0.010 min
Lab File: VV026869.D
Acq: 21 Jul 2022 12:51

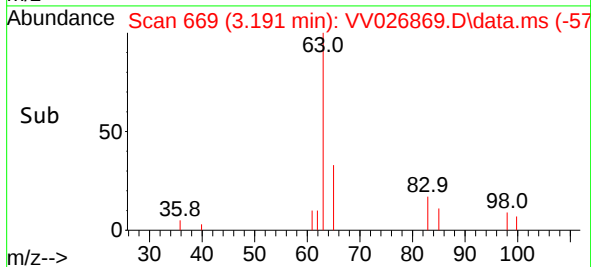
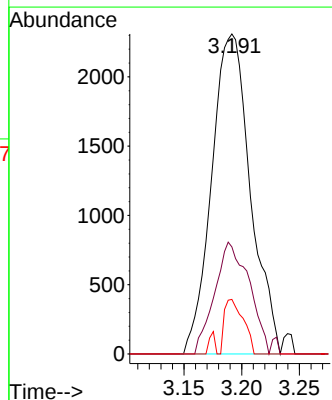
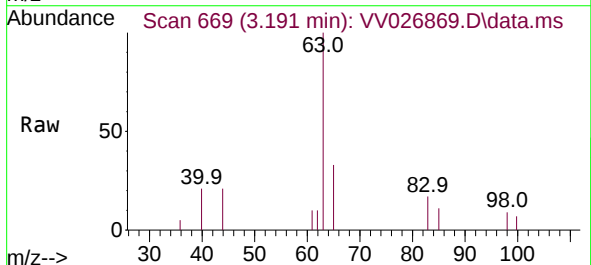
Instrument :
MSVOA_V
ClientSampleId :
GBHW6

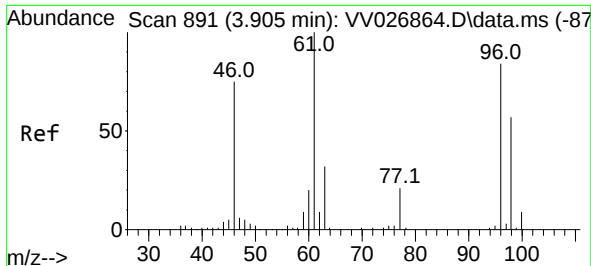
Tgt Ion: 96 Resp: 906
Ion Ratio Lower Upper
96 100
61 154.9 94.7 175.9
98 51.0 47.4 88.0



#19
1,1-Dichloroethane
Concen: 0.169 ug/L
RT: 3.191 min Scan# 669
Delta R.T. 0.010 min
Lab File: VV026869.D
Acq: 21 Jul 2022 12:51

Tgt Ion: 63 Resp: 5391
Ion Ratio Lower Upper
63 100
65 33.5 22.3 41.3
83 17.1 9.9 18.5





#22

cis-1,2-Dichloroethene

Concen: 5.450 ug/L

RT: 3.908 min Scan# 891

Delta R.T. 0.003 min

Lab File: VV026869.D

Acq: 21 Jul 2022 12:51

Instrument :

MSVOA_V

ClientSampleId :

GBHW6

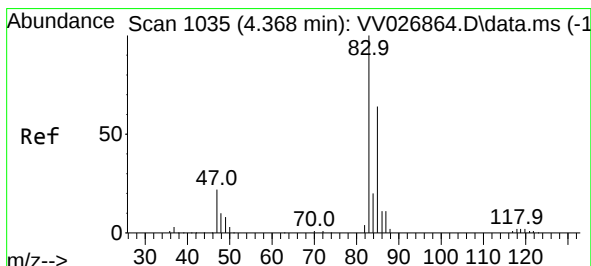
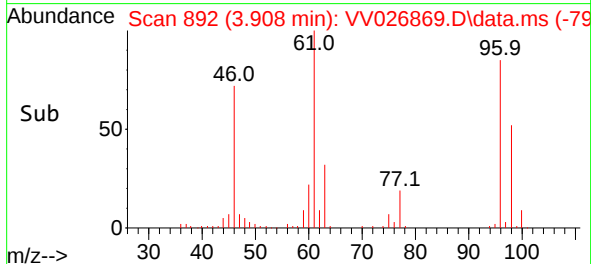
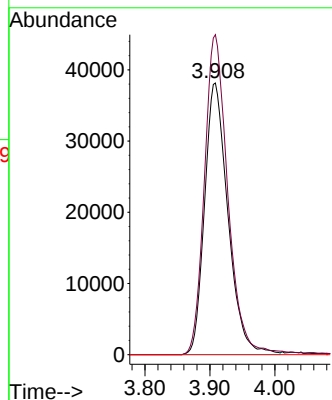
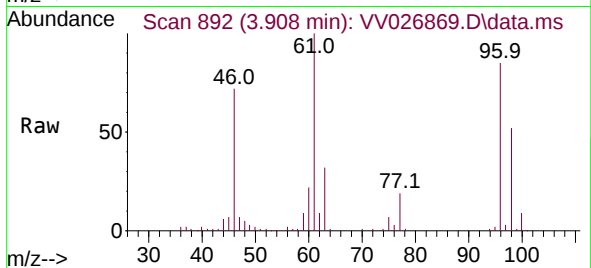
Tgt Ion: 96 Resp: 95753

Ion Ratio Lower Upper

96 100

61 117.8 83.9 155.9

68 0.0 0.0 0.0



#25

Chloroform

Concen: 0.093 ug/L

RT: 4.375 min Scan# 1037

Delta R.T. 0.007 min

Lab File: VV026869.D

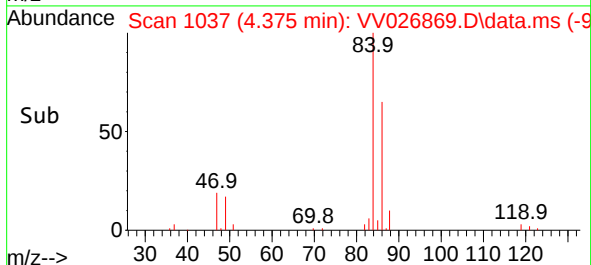
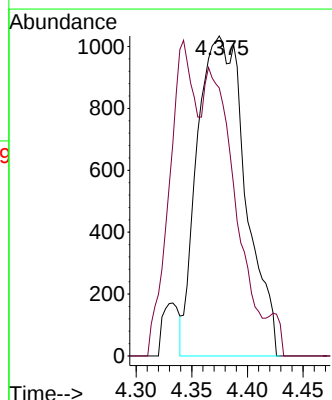
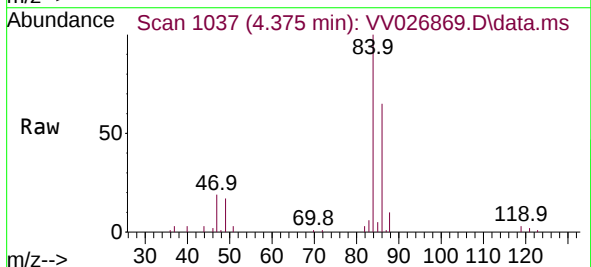
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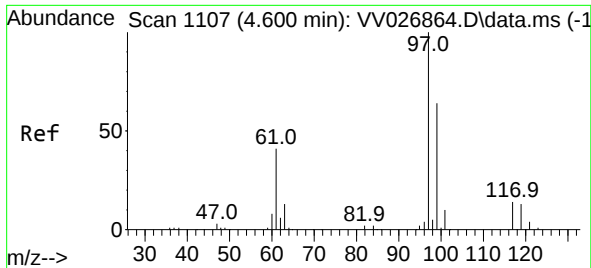
Tgt Ion: 83 Resp: 3114

Ion Ratio Lower Upper

83 100

85 83.8 45.7 84.9





#29

1,1,1-Trichloroethane

Concen: 0.060 ug/L

RT: 4.606 min Scan# 1109

Delta R.T. 0.007 min

Lab File: VV026869.D

Acq: 21 Jul 2022 12:51

Instrument :

MSVOA_V

ClientSampleId :

GBHW6

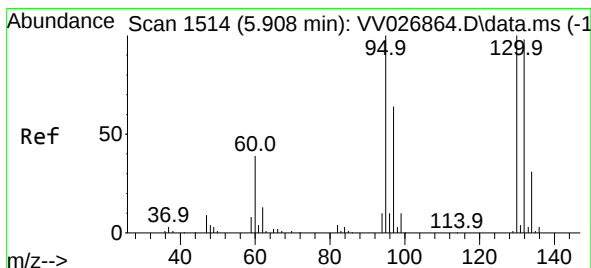
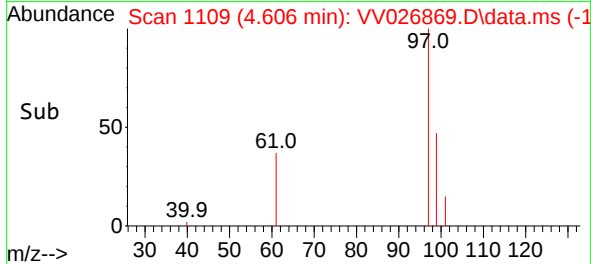
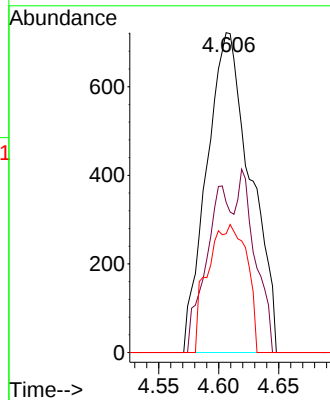
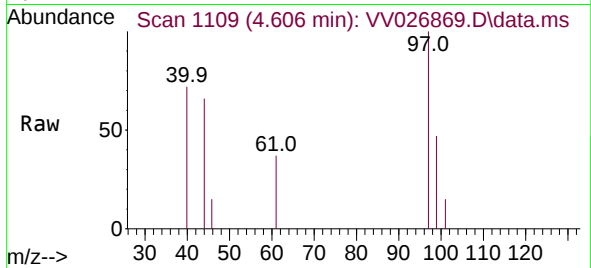
Tgt Ion: 97 Resp: 1836

Ion Ratio Lower Upper

97 100

99 31.8 51.3 76.9#

61 35.7 35.1 52.7



#34

Trichloroethene

Concen: 17.635 ug/L

RT: 5.912 min Scan# 1515

Delta R.T. 0.003 min

Lab File: VV026869.D

Acq: 21 Jul 2022 12:51

Tgt Ion: 95 Resp: 329998

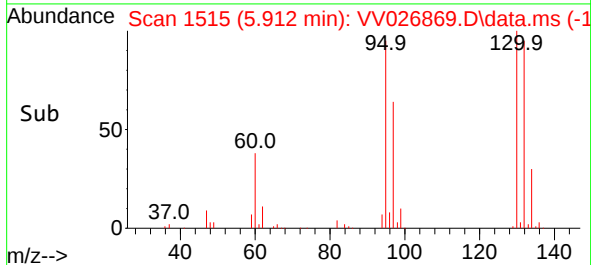
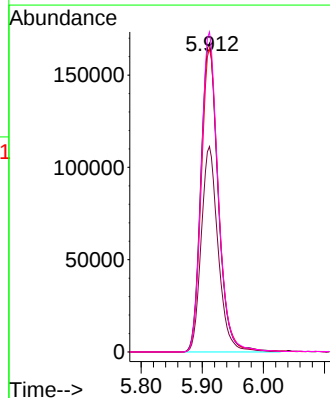
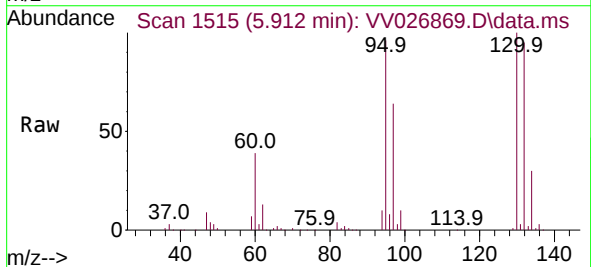
Ion Ratio Lower Upper

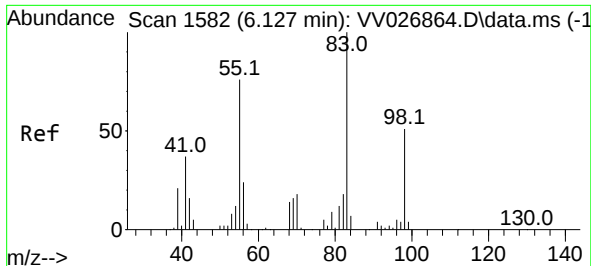
95 100

97 66.5 44.6 82.8

132 98.4 70.2 130.4

130 103.6 70.9 131.7

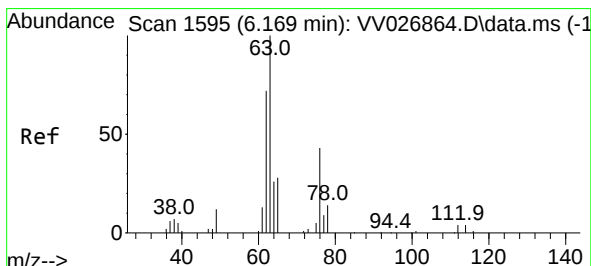
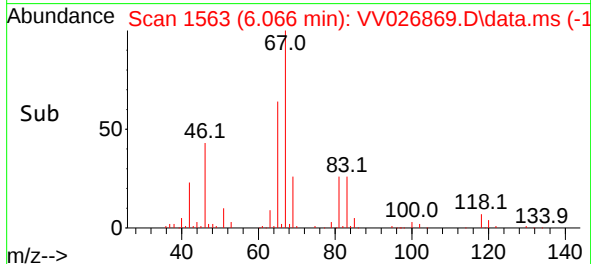
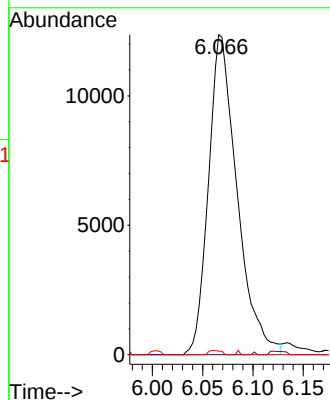
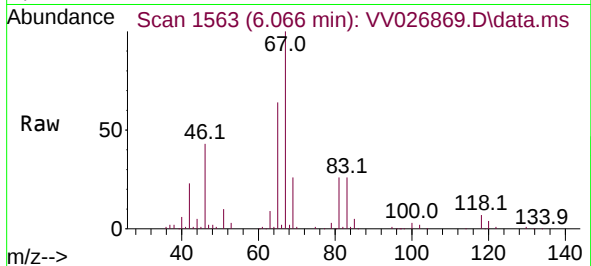




#35
Methylcyclohexane
Concen: 0.856 ug/L
RT: 6.066 min Scan# 1563
Delta R.T. -0.061 min
Lab File: VV026869.D
Acq: 21 Jul 2022 12:51

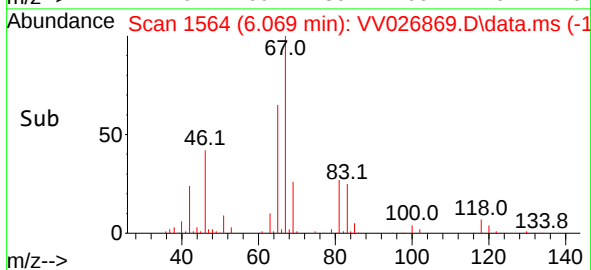
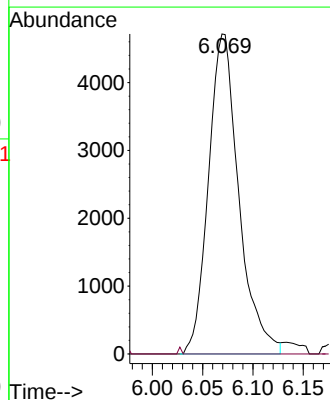
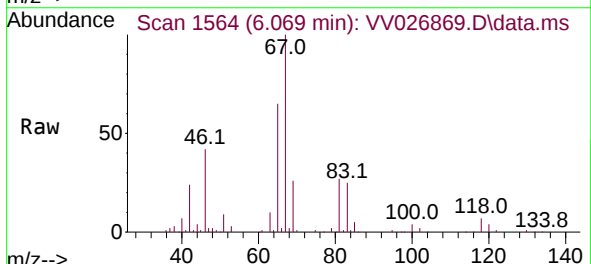
Instrument :
MSVOA_V
ClientSampleId :
GBHW6

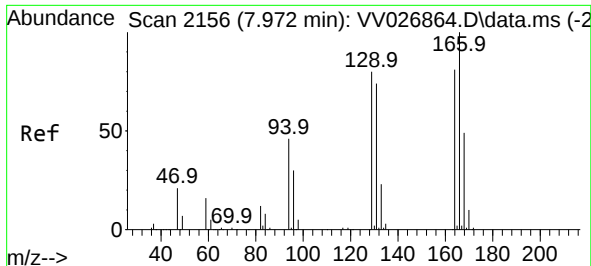
Tgt Ion: 83 Resp: 24455
Ion Ratio Lower Upper
83 100
55 0.1 59.5 89.3#
98 0.0 38.3 57.5#



#37
1,2-Dichloropropane
Concen: 0.544 ug/L
RT: 6.069 min Scan# 1564
Delta R.T. -0.099 min
Lab File: VV026869.D
Acq: 21 Jul 2022 12:51

Tgt Ion: 63 Resp: 9905
Ion Ratio Lower Upper
63 100
112 0.2 4.2 6.2#





#47

Tetrachloroethene

Concen: 9.384 ug/L

RT: 7.973 min Scan# 2156

Delta R.T. 0.000 min

Lab File: VV026869.D

Acq: 21 Jul 2022 12:51

Instrument :

MSVOA_V

ClientSampleId :

GBHW6

Tgt Ion:164 Resp: 137726

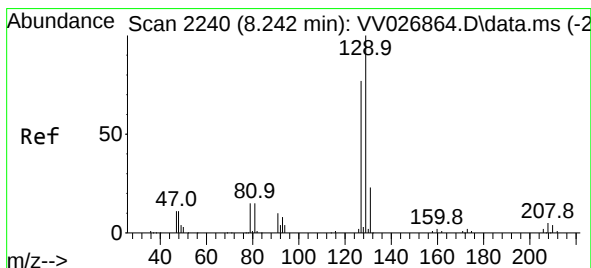
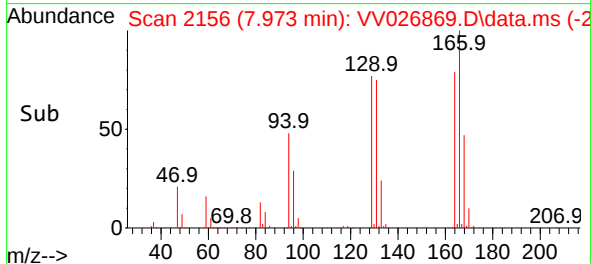
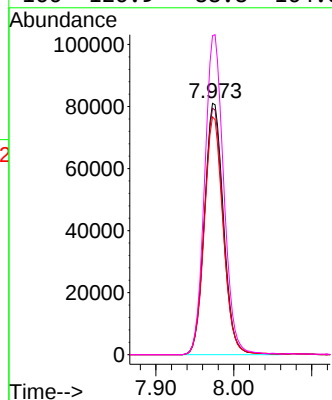
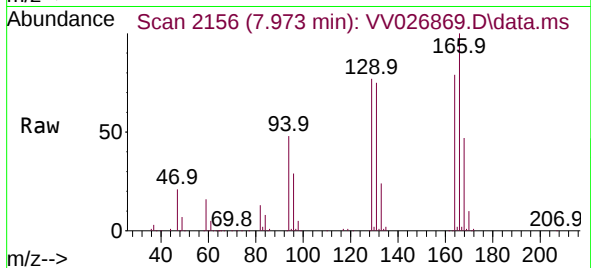
Ion Ratio Lower Upper

164 100

129 98.0 67.8 125.8

131 94.6 65.9 122.5

166 126.9 88.8 164.8



#49

Dibromochloromethane

Concen: 8.468 ug/L

RT: 7.973 min Scan# 2156

Delta R.T. -0.270 min

Lab File: VV026869.D

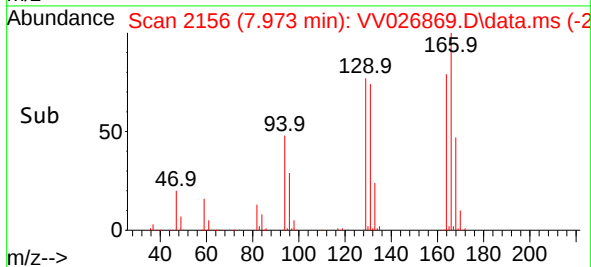
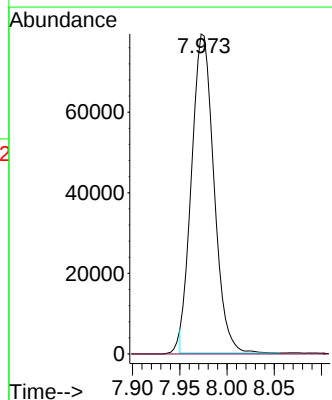
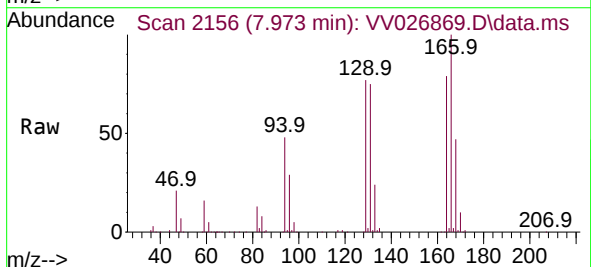
Acq: 21 Jul 2022 12:51

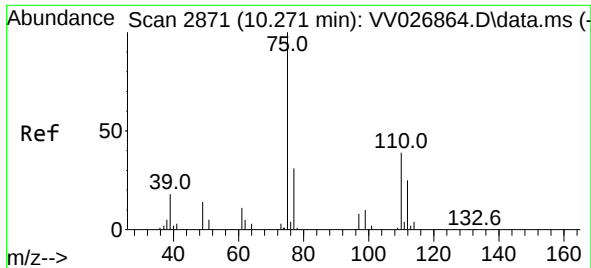
Tgt Ion:129 Resp: 129885

Ion Ratio Lower Upper

129 100

127 0.0 55.7 103.5#





#61
 1,2,3-Trichloropropane
 Concen: 1.235 ug/L
 RT: 11.249 min Scan# 31
 Delta R.T. 0.978 min
 Lab File: VV026869.D
 Acq: 21 Jul 2022 12:51

Instrument :
 MSVOA_V
 ClientSampleId :
 GBHW6

Tgt Ion: 75 Resp: 10970
 Ion Ratio Lower Upper
 75 100
 77 32.3 25.4 38.0
 110 2.5 31.8 47.6#

