

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV083122\
 Data File : VV027669.D
 Acq On : 01 Sep 2022 14:38
 Operator : SY/MD
 Sample : N4369-10
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 01 23:18:07 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR083122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Sep 01 07:36:37 2022
 Response via : Initial Calibration

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

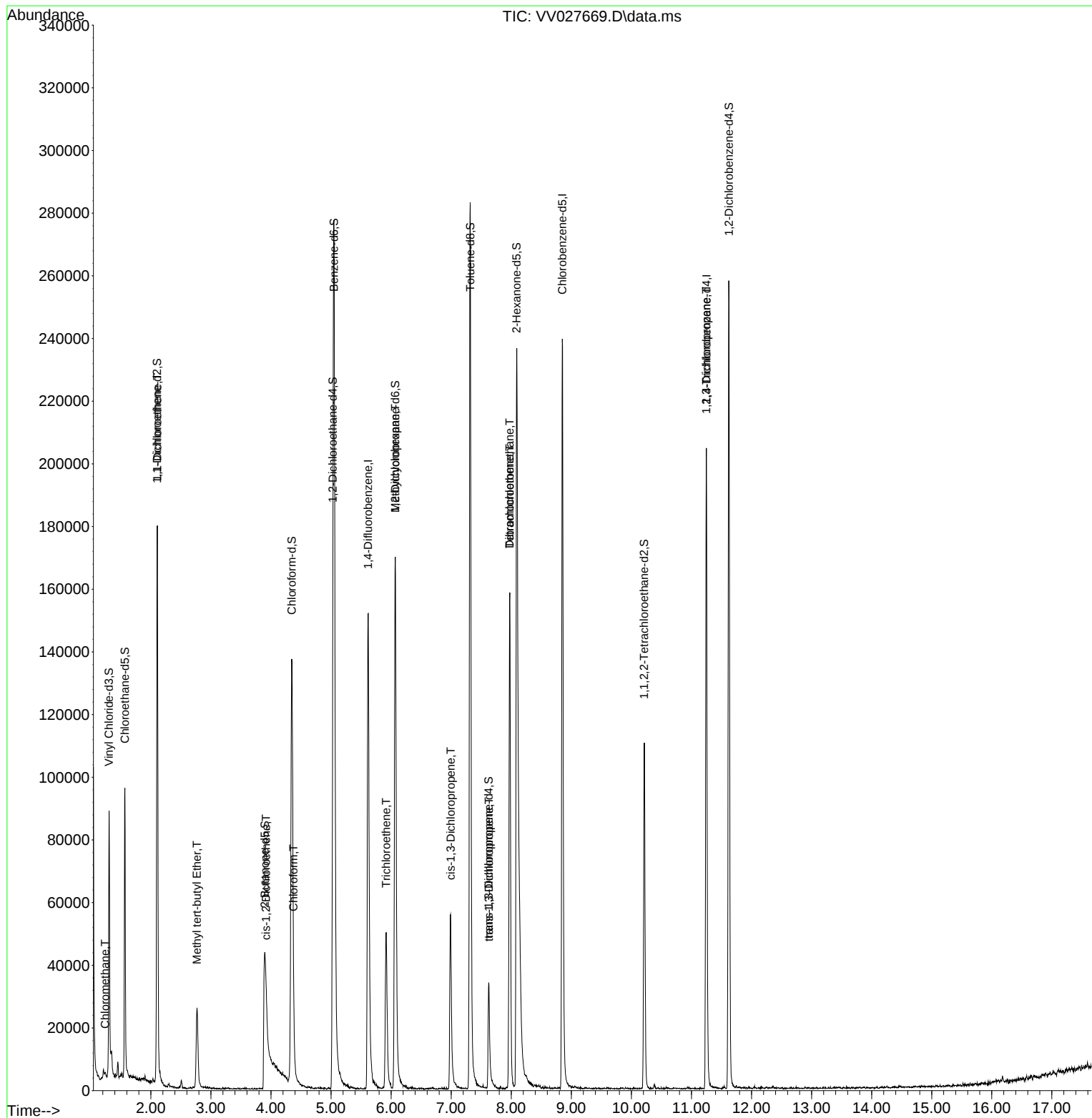
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	132345	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	135297	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	54764	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	63310	4.403	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.000%
7) Chloroethane-d5	1.568	69	57109	4.748	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.000%
11) 1,1-Dichloroethene-d2	2.105	63	97096	3.451	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.000%
20) 2-Butanone-d5	3.896	46	98201	40.398	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	80.800%
24) Chloroform-d	4.346	84	142415	4.934	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.600%
26) 1,2-Dichloroethane-d4	5.031	65	67742	5.239	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.800%
32) Benzene-d6	5.050	84	257491	4.646	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.000%
36) 1,2-Dichloropropane-d6	6.069	67	81421	4.750	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.000%
41) Toluene-d8	7.317	98	196298	4.090	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.800%
43) trans-1,3-Dichloroprop...	7.625	79	21836	4.135	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.600%
46) 2-Hexanone-d5	8.088	63	100533	50.623	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.240%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	53348	4.836	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.800%
66) 1,2-Dichlorobenzene-d4	11.622	152	66109	5.392	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.800%
Target Compounds						Qvalue
3) Chloromethane	1.240	50	971	0.056	ug/L	96
12) 1,1-Dichloroethene	2.108	96	910	0.082	ug/L #	1
17) Methyl tert-butyl Ether	2.767	73	23644	1.002	ug/L	97
22) cis-1,2-Dichloroethene	3.918	96	3785	0.303	ug/L	89
25) Chloroform	4.375	83	2183	0.085	ug/L #	73
34) Trichloroethene	5.918	95	17554	1.353	ug/L	96
35) Methylcyclohexane	6.069	83	20649	1.026	ug/L #	17
39) cis-1,3-Dichloropropene	6.992	75	1709	0.105	ug/L	84
44) trans-1,3-Dichloropropene	7.629	75	997	0.075	ug/L	86
47) Tetrachloroethene	7.976	164	34428	3.273	ug/L	99
49) Dibromochloromethane	7.976	129	32482	3.190	ug/L #	12
61) 1,2,3-Trichloropropane	11.246	75	6045	1.091	ug/L #	65

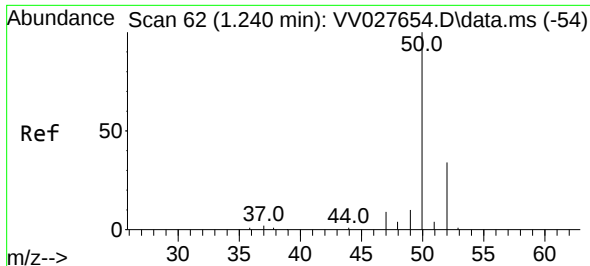
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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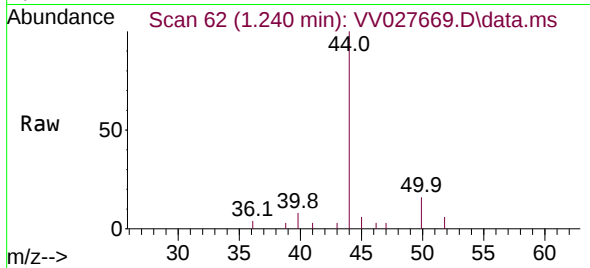
Quant Time: Sep 01 23:18:07 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR083122WMA.M
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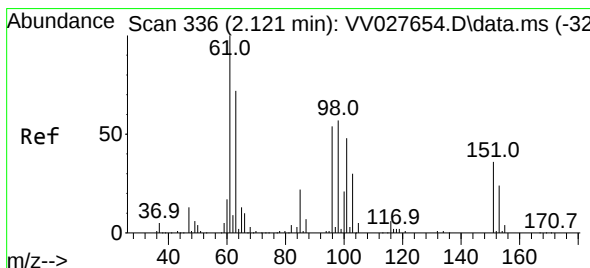
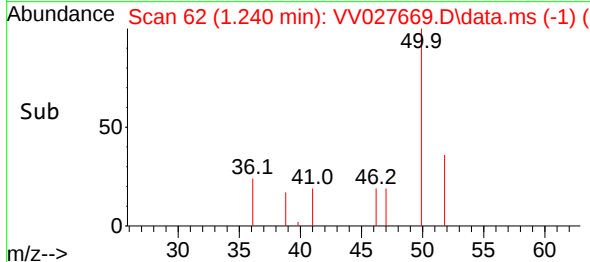
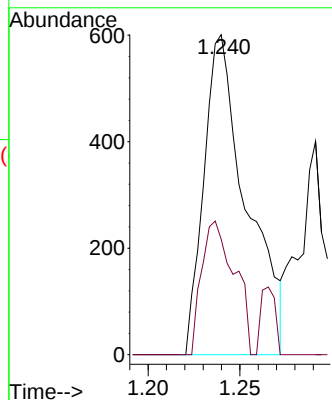


#3
Chloromethane
Concen: 0.056 ug/L
RT: 1.240 min Scan# 61
Delta R.T. 0.000 min
Lab File: VV027669.D
Acq: 01 Sep 2022 14:38

Instrument :
MSVOA_V
ClientSampleId :

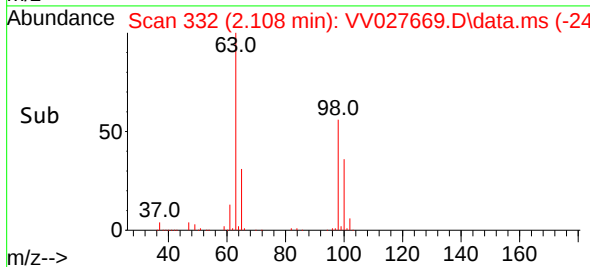
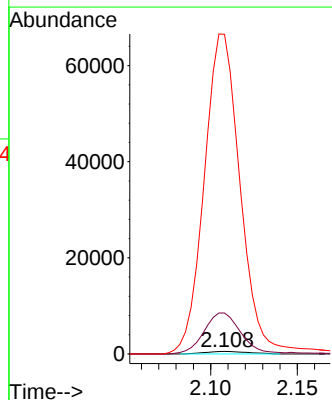
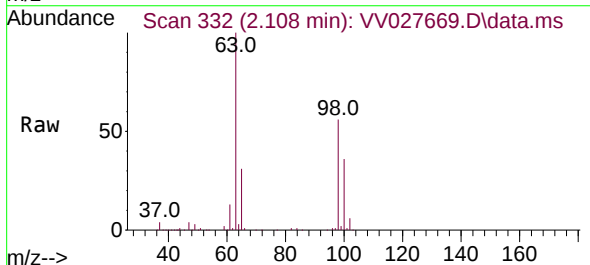


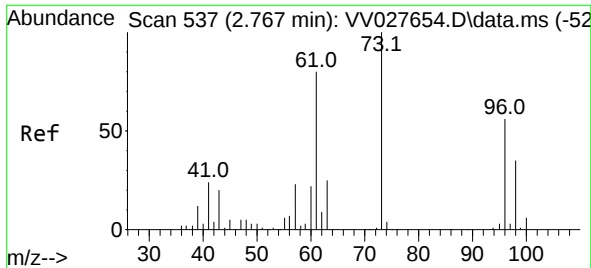
Tgt Ion: 50 Resp: 971
Ion Ratio Lower Upper
50 100
52 36.1 23.5 43.7



#12
1,1-Dichloroethene
Concen: 0.082 ug/L
RT: 2.108 min Scan# 332
Delta R.T. -0.013 min
Lab File: VV027669.D
Acq: 01 Sep 2022 14:38

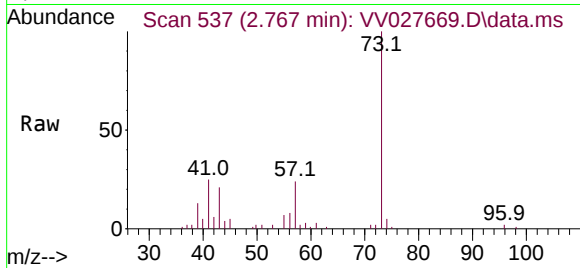
Tgt Ion: 96 Resp: 910
Ion Ratio Lower Upper
96 100
61 1634.4 134.3 249.3#
63 12767.8 105.7 196.3#



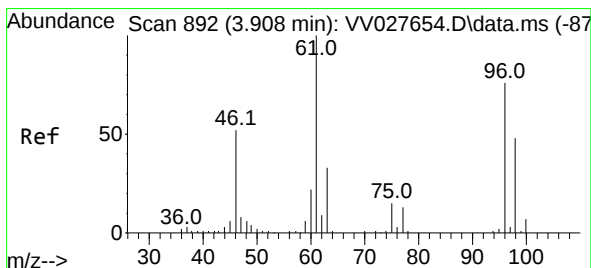
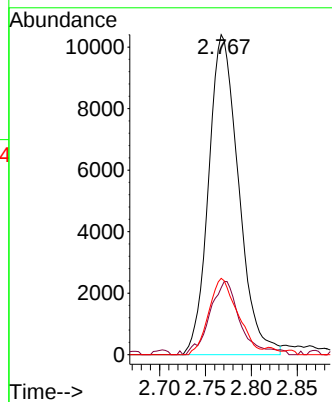
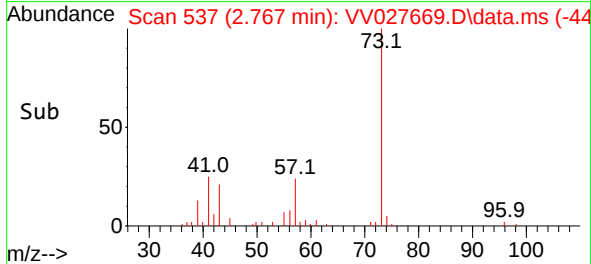


#17
Methyl tert-butyl Ether
Concen: 1.002 ug/L
RT: 2.767 min Scan# 51
Delta R.T. 0.000 min
Lab File: VV027669.D
Acq: 01 Sep 2022 14:38

Instrument :
MSVOA_V
ClientSampleId :

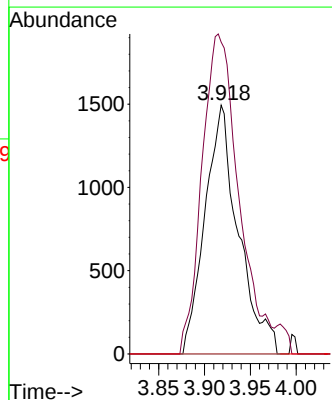
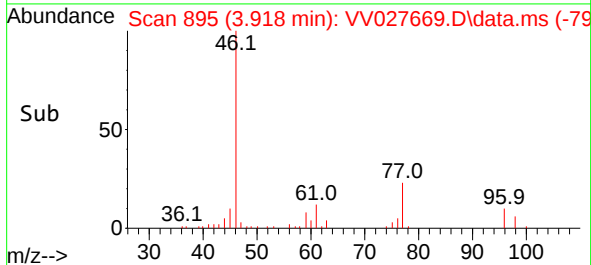
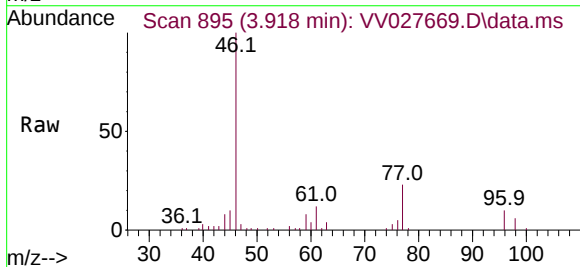


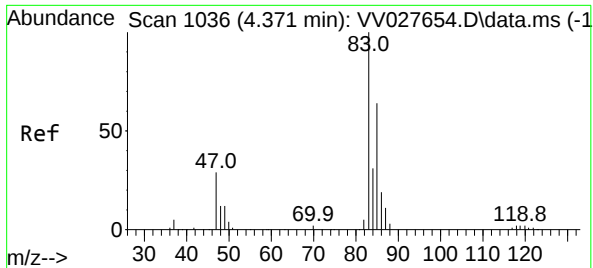
Tgt Ion: 73	Resp: 23644
Ion Ratio	Lower Upper
73 100	
43 23.3	16.5 24.7
57 23.1	18.2 27.2



#22
cis-1,2-Dichloroethene
Concen: 0.303 ug/L
RT: 3.918 min Scan# 895
Delta R.T. 0.010 min
Lab File: VV027669.D
Acq: 01 Sep 2022 14:38

Tgt Ion: 96	Resp: 3785
Ion Ratio	Lower Upper
96 100	
61 125.4	96.9 180.1
68 0.0	0.0 0.0

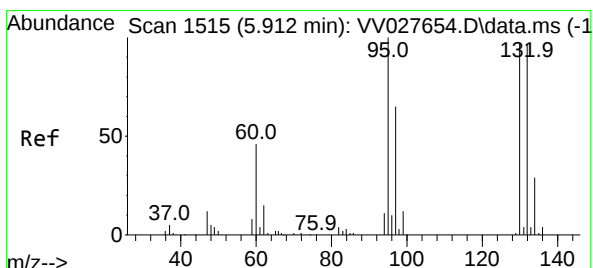
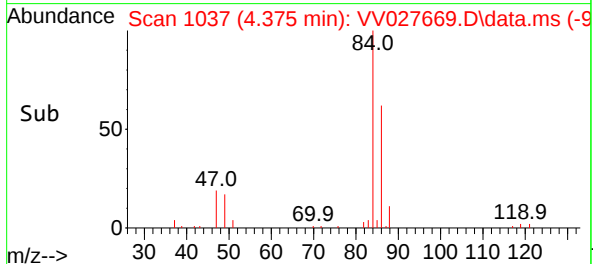
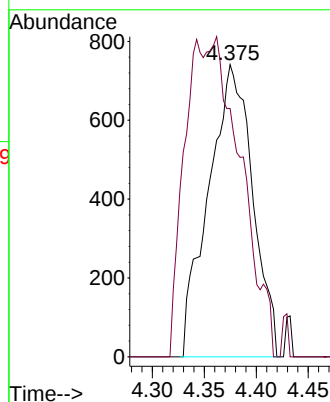
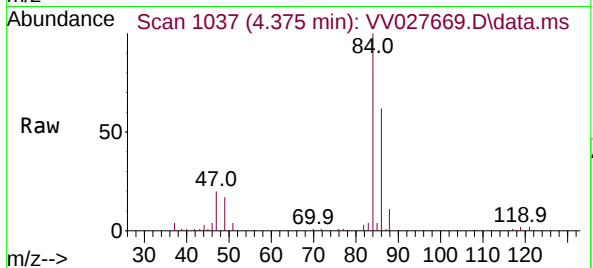




#25
Chloroform
Concen: 0.085 ug/L
RT: 4.375 min Scan# 10
Delta R.T. 0.003 min
Lab File: VV027669.D
Acq: 01 Sep 2022 14:38

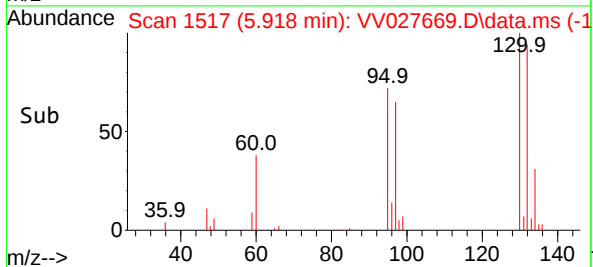
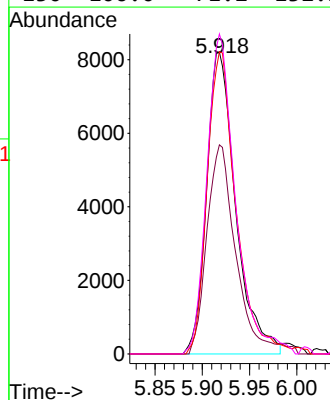
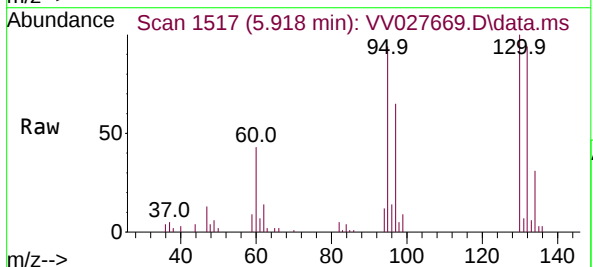
Instrument :
MSVOA_V
ClientSampleId :

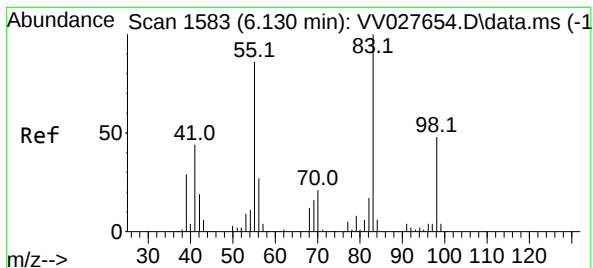
Tgt Ion: 83 Resp: 2183
Ion Ratio Lower Upper
83 100
85 85.0 44.7 83.1#



#34
Trichloroethene
Concen: 1.353 ug/L
RT: 5.918 min Scan# 1517
Delta R.T. 0.007 min
Lab File: VV027669.D
Acq: 01 Sep 2022 14:38

Tgt Ion: 95 Resp: 17554
Ion Ratio Lower Upper
95 100
97 69.3 46.1 85.5
132 100.1 67.3 125.1
130 106.0 71.2 132.2





#35

Methylcyclohexane

Concen: 1.026 ug/L

RT: 6.069 min Scan# 1

Delta R.T. -0.061 min

Lab File: VV027669.D

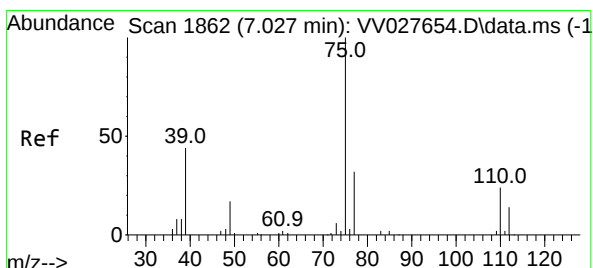
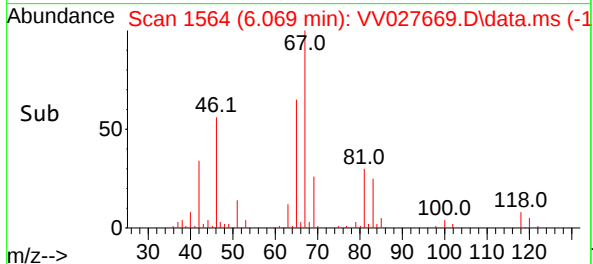
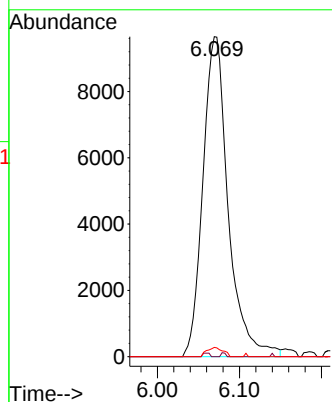
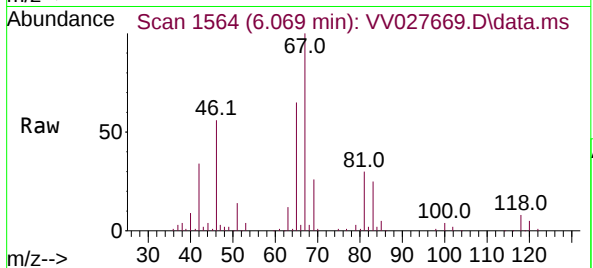
Acq: 01 Sep 2022 14:38

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 83	Resp: 20649
Ion Ratio	Lower Upper
83 100	
55 0.2	66.0 99.0#
98 1.8	36.9 55.3#



#39

cis-1,3-Dichloropropene

Concen: 0.105 ug/L

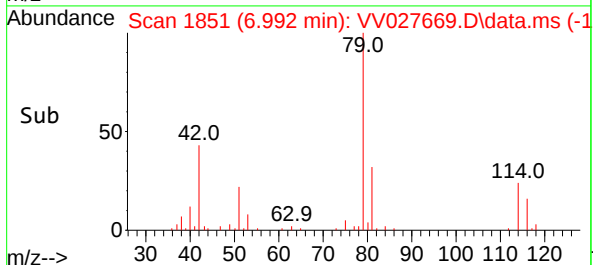
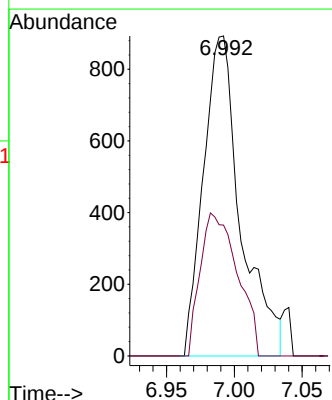
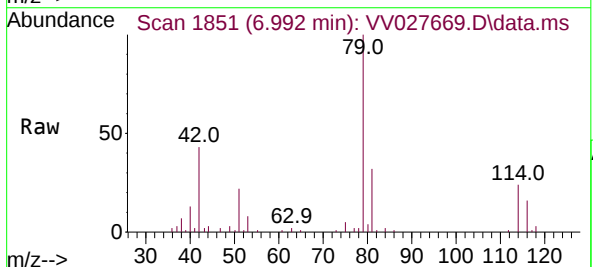
RT: 6.992 min Scan# 1851

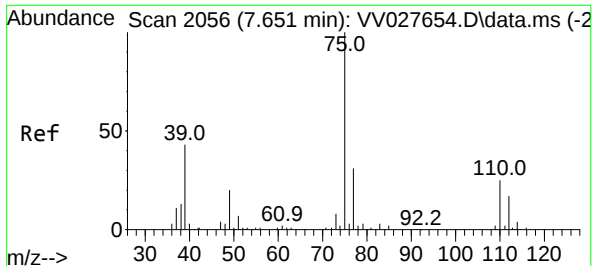
Delta R.T. -0.035 min

Lab File: VV027669.D

Acq: 01 Sep 2022 14:38

Tgt Ion: 75	Resp: 1709
Ion Ratio	Lower Upper
75 100	
77 40.9	22.3 41.3

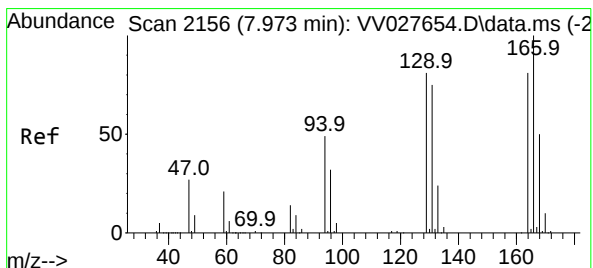
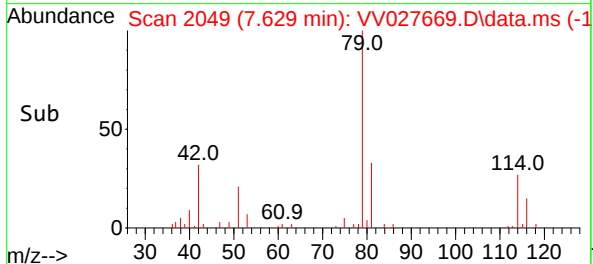
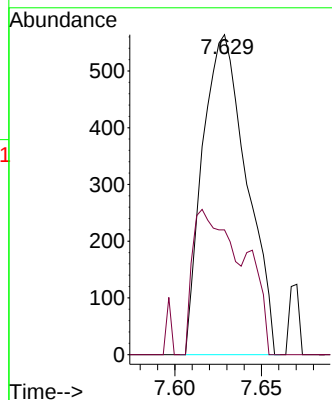
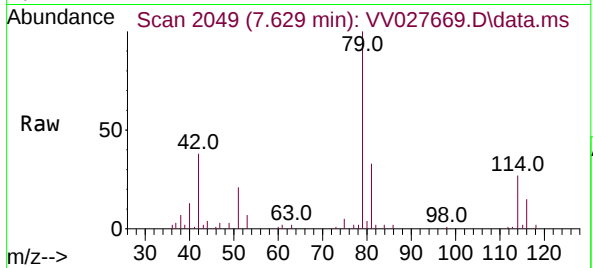




#44
trans-1,3-Dichloropropene
Concen: 0.075 ug/L
RT: 7.629 min Scan# 2056
Delta R.T. -0.022 min
Lab File: VV027669.D
Acq: 01 Sep 2022 14:38

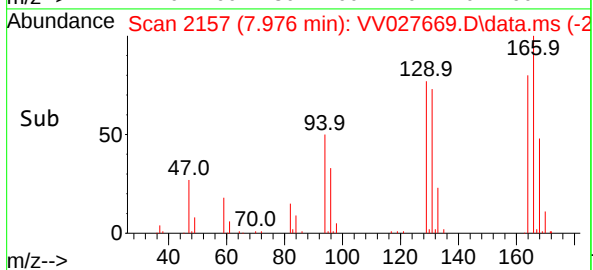
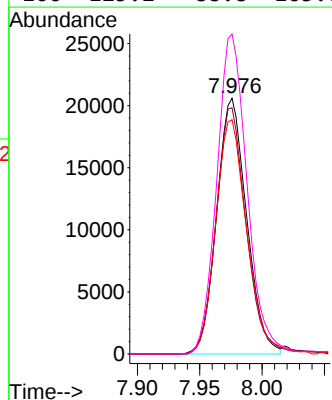
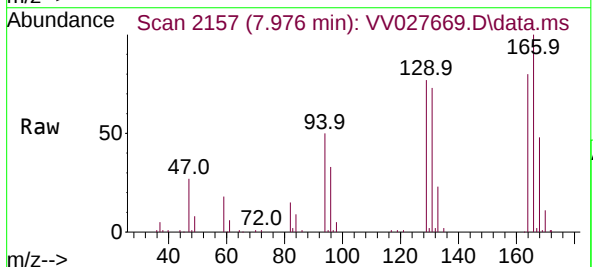
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ClientSampleId :

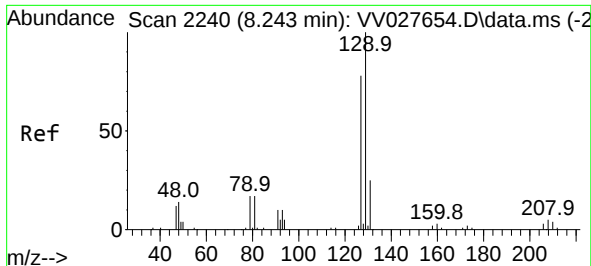
Tgt Ion: 75 Resp: 997
Ion Ratio Lower Upper
75 100
77 39.0 22.0 41.0



#47
Tetrachloroethene
Concen: 3.273 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. 0.003 min
Lab File: VV027669.D
Acq: 01 Sep 2022 14:38

Tgt Ion: 164 Resp: 34428
Ion Ratio Lower Upper
164 100
129 96.3 65.9 122.3
131 91.6 64.5 119.7
166 125.2 88.8 165.0





#49

Dibromochloromethane

Concen: 3.190 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. -0.267 min

Lab File: VV027669.D

Acq: 01 Sep 2022 14:38

Instrument :

MSVOA_V

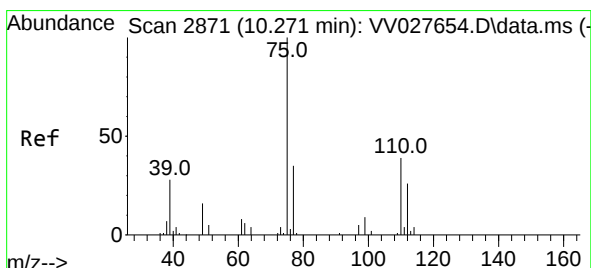
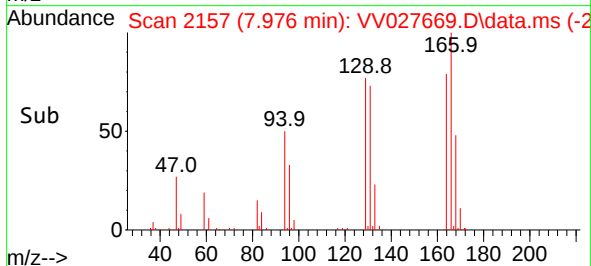
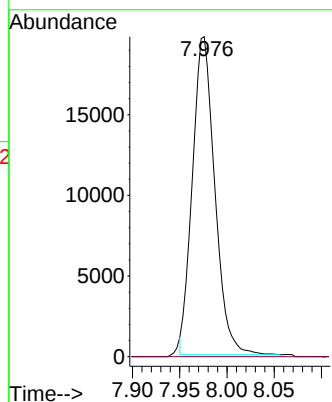
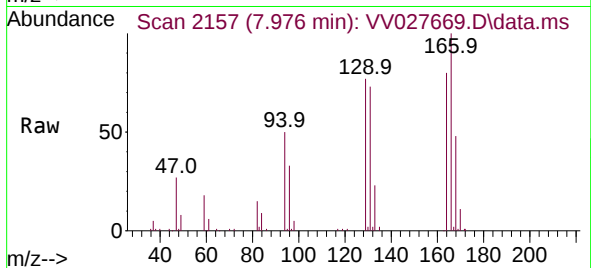
ClientSampleId :

Tgt Ion:129 Resp: 32482

Ion Ratio Lower Upper

129 100

127 0.0 52.4 97.4#



#61

1,2,3-Trichloropropane

Concen: 1.091 ug/L

RT: 11.246 min Scan# 3174

Delta R.T. 0.974 min

Lab File: VV027669.D

Acq: 01 Sep 2022 14:38

Tgt Ion: 75 Resp: 6045

Ion Ratio Lower Upper

75 100

77 36.3 25.8 38.6

110 1.6 29.8 44.8#

