

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW112321\
 Data File : VW023682.D
 Acq On : 23 Nov 2021 19:42
 Operator : SY/MD
 Sample : M4723-12
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0G40

Quant Time: Nov 24 05:01:25 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112321WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Nov 24 04:42:45 2021
 Response via : Initial Calibration

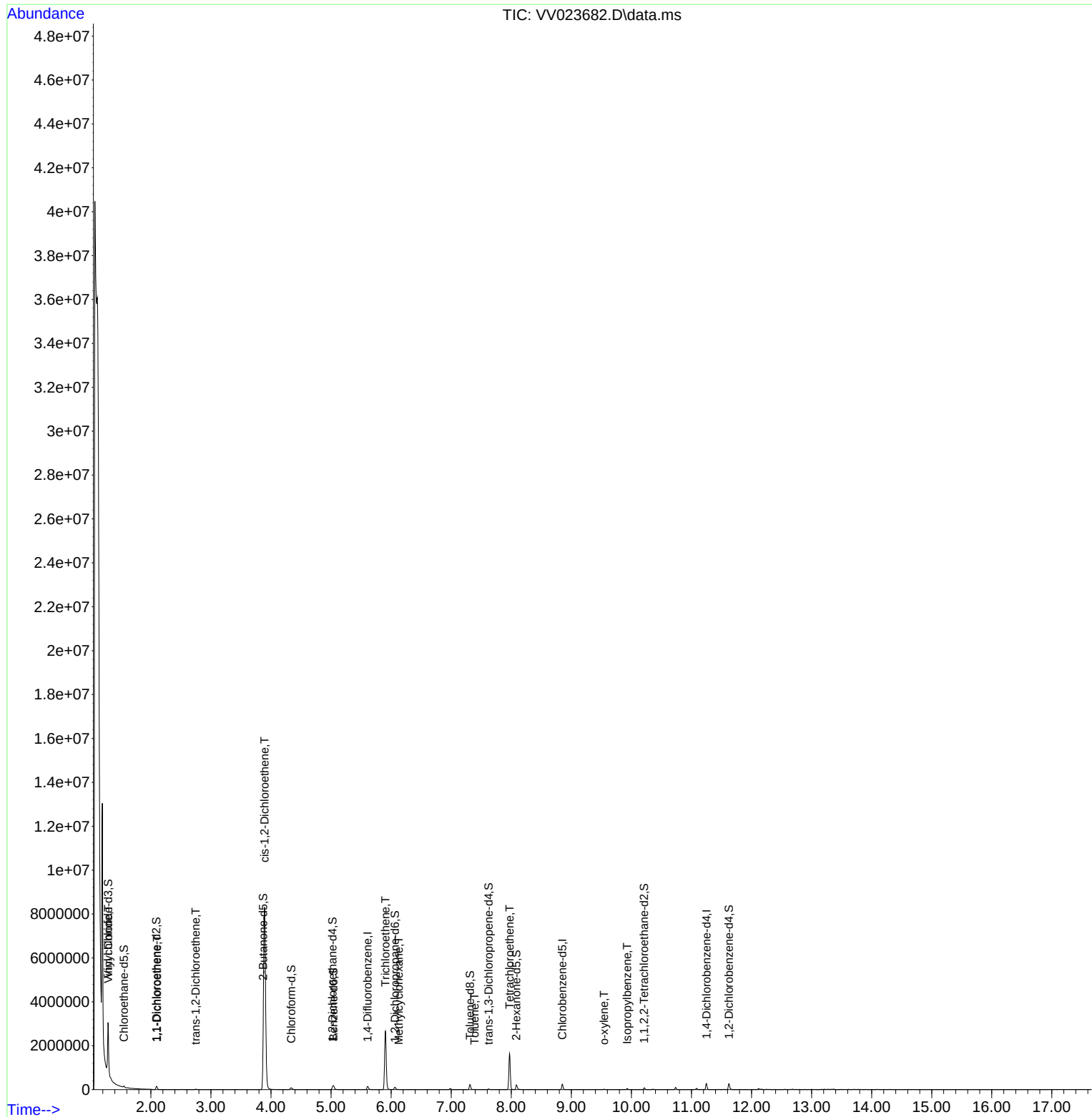
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	133574	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	139238	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	74769	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.288	65	49454	4.510	ug/L	-0.02
Spiked Amount	5.000	Range 40 - 130	Recovery	=	90.200%	
7) Chloroethane-d5	1.552	69	38014	4.410	ug/L	-0.01
Spiked Amount	5.000	Range 65 - 130	Recovery	=	88.200%	
11) 1,1-Dichloroethene-d2	2.092	63	71300	3.690	ug/L	-0.02
Spiked Amount	5.000	Range 60 - 125	Recovery	=	73.800%	
20) 2-Butanone-d5	3.870	46	100633	76.341	ug/L	-0.04
Spiked Amount	50.000	Range 40 - 130	Recovery	=	152.680%#	
24) Chloroform-d	4.336	84	85181	4.461	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	89.200%	
26) 1,2-Dichloroethane-d4	5.024	65	44221	4.957	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	99.200%	
32) Benzene-d6	5.040	84	172532	4.549	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	91.000%	
36) 1,2-Dichloropropane-d6	6.063	67	51016	4.798	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	96.000%	
41) Toluene-d8	7.313	98	156599	4.419	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	88.400%	
43) trans-1,3-Dichloroprop...	7.622	79	19472	4.543	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	90.800%	
46) 2-Hexanone-d5	8.085	63	74258	52.145	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	104.280%	
56) 1,1,2,2-Tetrachloroeth...	10.214	84	35631	4.657	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	93.200%	
66) 1,2-Dichlorobenzene-d4	11.622	152	66329	5.018	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	100.400%	
Target Compounds						
5) Vinyl chloride	1.291	62	317728	27.461	ug/L	99
12) 1,1-Dichloroethene	2.101	96	18932	2.116	ug/L #	38
18) trans-1,2-Dichloroethene	2.748	96	8095	0.794	ug/L	97
22) cis-1,2-Dichloroethene	3.892	96	4649331	475.603	ug/L	97
34) Trichloroethene	5.905	95	879410	82.702	ug/L	98
35) Methylcyclohexane	6.127	83	1838	0.111	ug/L	92
42) Toluene	7.391	91	8270	0.192	ug/L	92
47) Tetrachloroethene	7.973	164	360237	37.219	ug/L	98
54) o-xylene	9.545	106	5564	0.327	ug/L	88
60) Isopropylbenzene	9.931	105	30972	0.694	ug/L	98

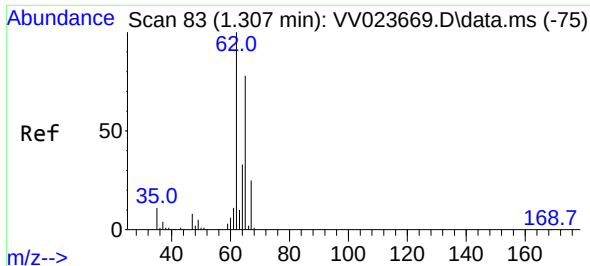
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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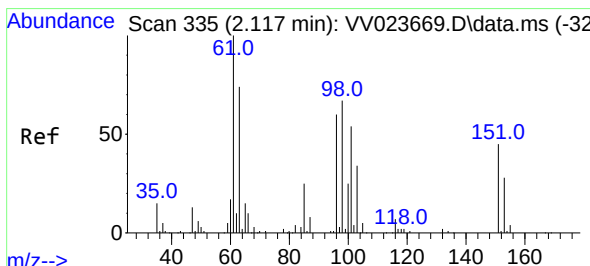
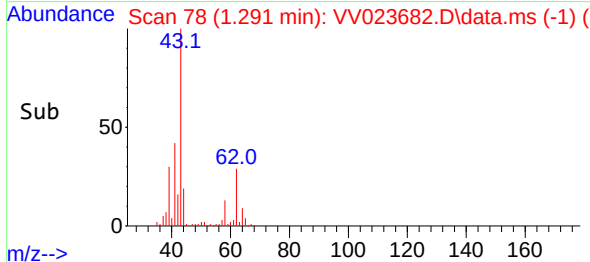
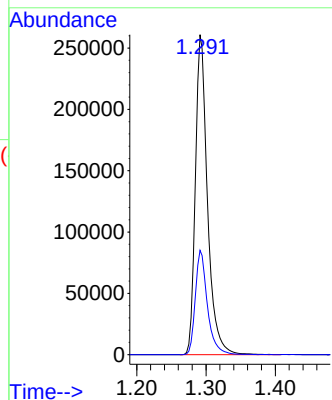
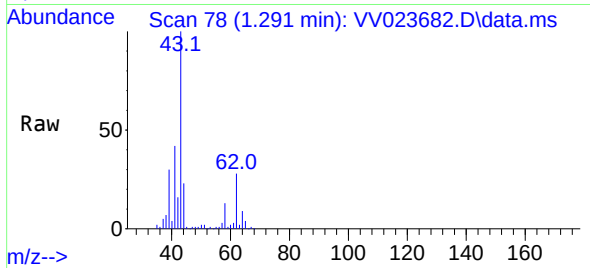




#5
 Vinyl chloride
 Concen: 27.461 ug/L
 RT: 1.291 min Scan# 71
 Delta R.T. -0.016 min
 Lab File: VV023682.D
 Acq: 23 Nov 2021 19:42

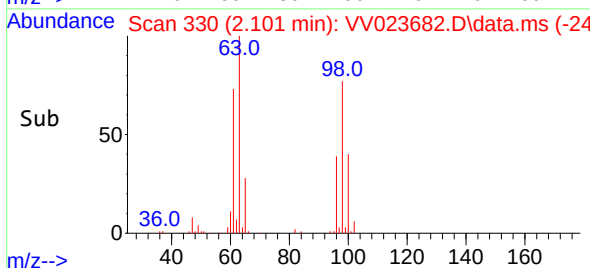
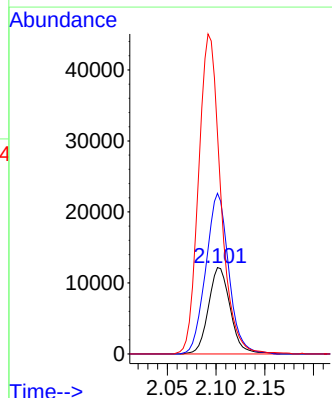
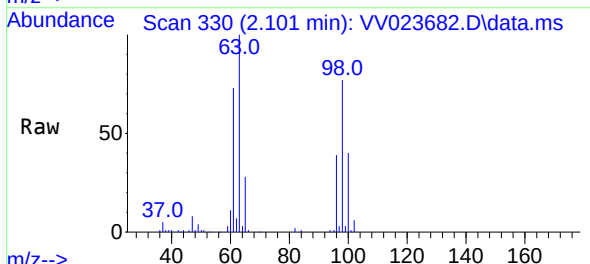
Instrument :
 MSVOA_V
 ClientSampleId :
 C0G40

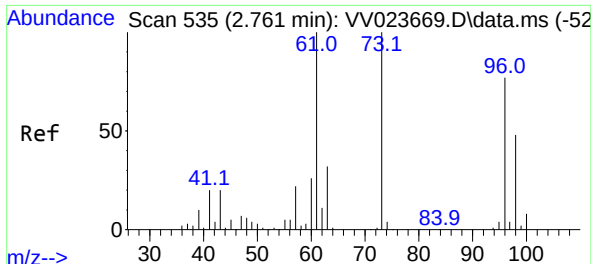
Tgt Ion: 62 Resp: 317728
 Ion Ratio Lower Upper
 62 100
 64 32.6 22.4 41.6



#12
 1,1-Dichloroethene
 Concen: 2.116 ug/L
 RT: 2.101 min Scan# 330
 Delta R.T. -0.016 min
 Lab File: VV023682.D
 Acq: 23 Nov 2021 19:42

Tgt Ion: 96 Resp: 18932
 Ion Ratio Lower Upper
 96 100
 61 185.8 116.1 215.5
 63 254.9 79.4 147.4#

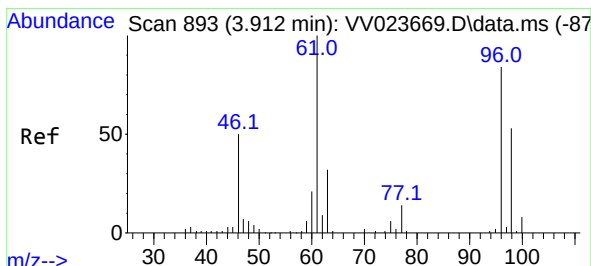
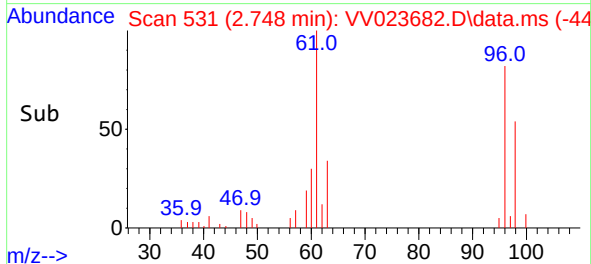
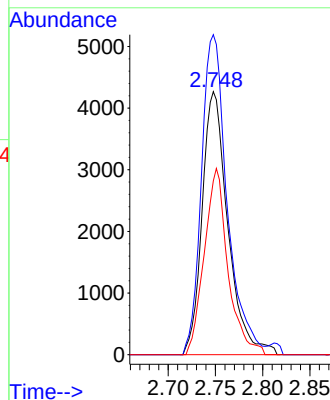
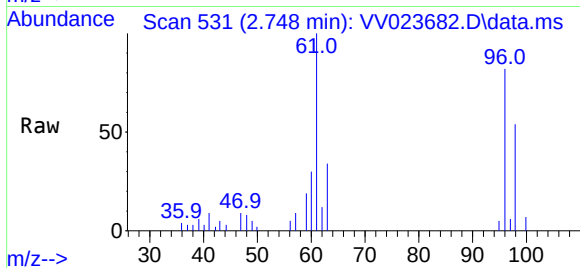




#18
trans-1,2-Dichloroethene
Concen: 0.794 ug/L
RT: 2.748 min Scan# 51
Delta R.T. -0.013 min
Lab File: VV023682.D
Acq: 23 Nov 2021 19:42

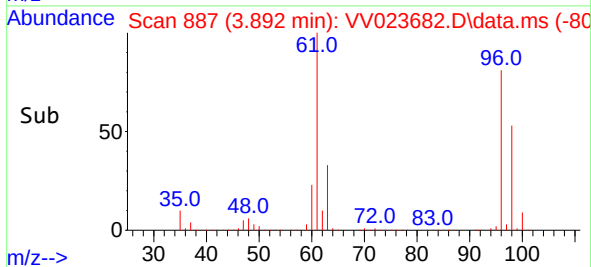
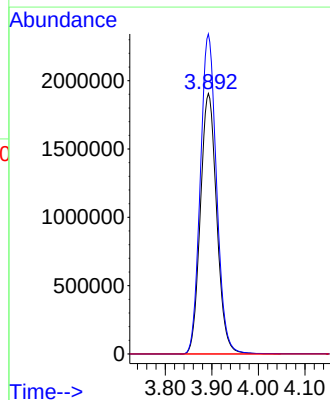
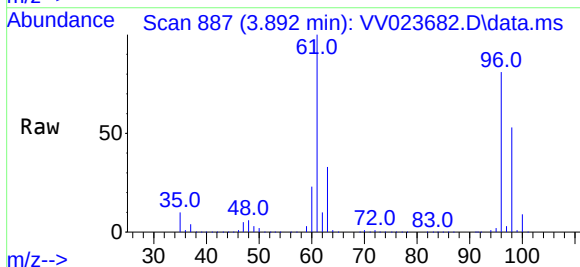
Instrument :
MSVOA_V
ClientSampleId :
C0G40

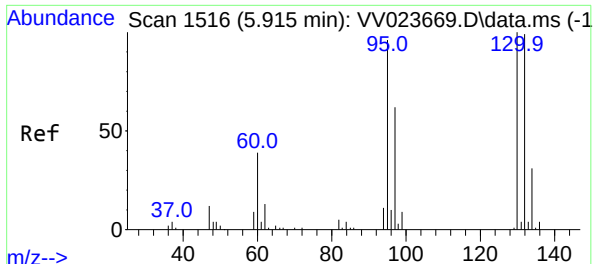
Tgt Ion: 96 Resp: 8095
Ion Ratio Lower Upper
96 100
61 121.6 88.2 163.8
98 66.0 44.9 83.5



#22
cis-1,2-Dichloroethene
Concen: 475.603 ug/L
RT: 3.892 min Scan# 887
Delta R.T. -0.019 min
Lab File: VV023682.D
Acq: 23 Nov 2021 19:42

Tgt Ion: 96 Resp: 4649331
Ion Ratio Lower Upper
96 100
61 122.8 83.4 154.8
68 0.0 0.0 0.0

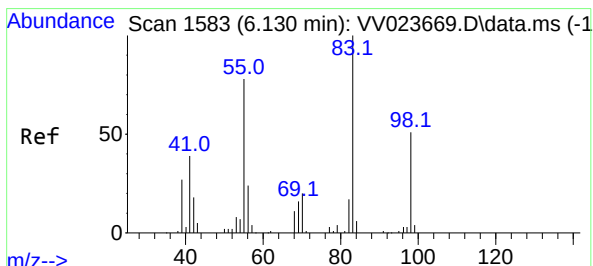
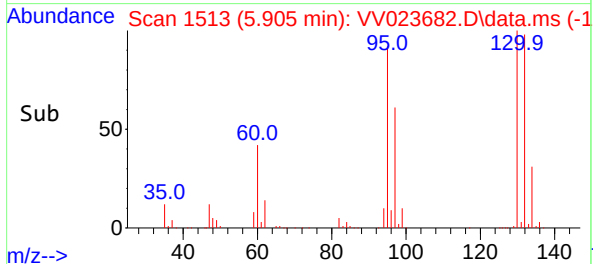
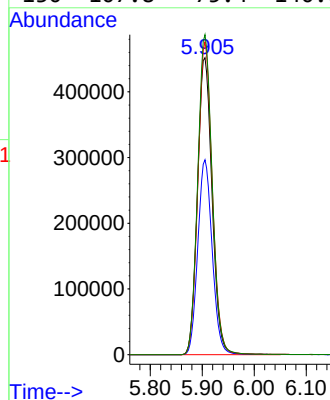
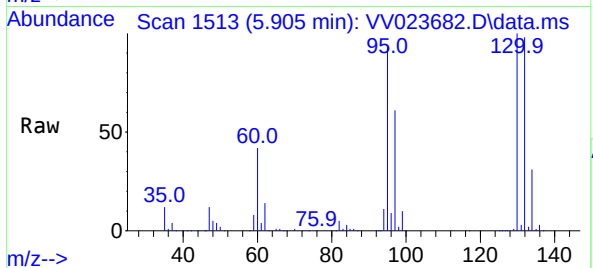




#34
Trichloroethene
Concen: 82.702 ug/L
RT: 5.905 min Scan# 11
Delta R.T. -0.010 min
Lab File: VV023682.D
Acq: 23 Nov 2021 19:42

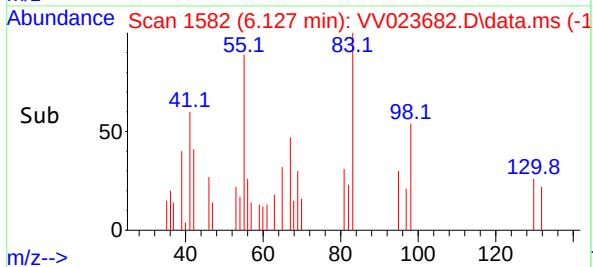
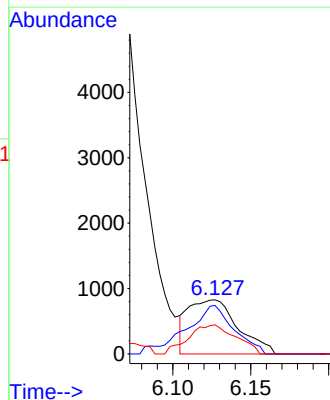
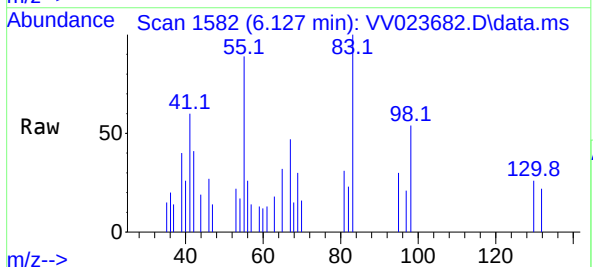
Instrument :
MSVOA_V
ClientSampleId :
C0G40

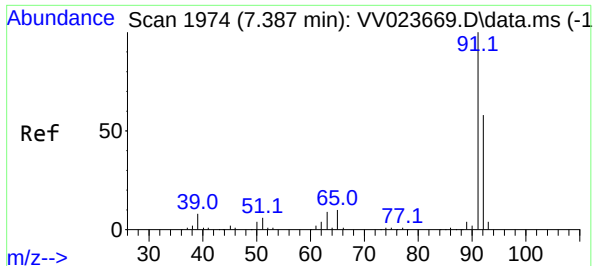
Tgt Ion: 95 Resp: 879410
Ion Ratio Lower Upper
95 100
97 65.6 45.2 84.0
132 105.4 76.1 141.3
130 107.8 75.4 140.0



#35
Methylcyclohexane
Concen: 0.111 ug/L
RT: 6.127 min Scan# 1582
Delta R.T. -0.003 min
Lab File: VV023682.D
Acq: 23 Nov 2021 19:42

Tgt Ion: 83 Resp: 1838
Ion Ratio Lower Upper
83 100
55 86.4 60.2 90.2
98 51.1 41.0 61.4





#42

Toluene

Concen: 0.192 ug/L

RT: 7.391 min Scan# 1974

Delta R.T. 0.003 min

Lab File: VV023682.D

Acq: 23 Nov 2021 19:42

Instrument :

MSVOA_V

ClientSampleId :

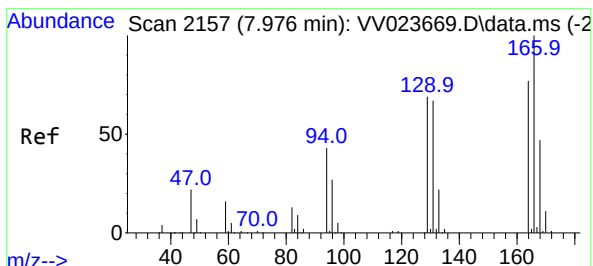
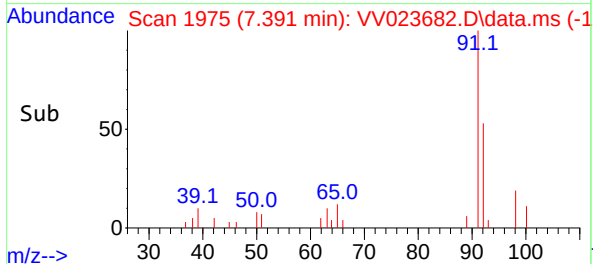
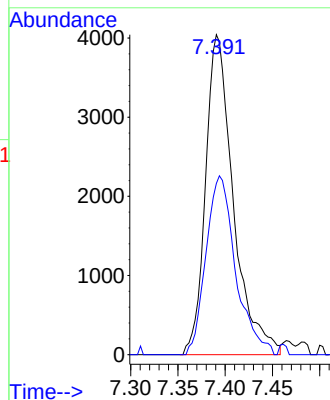
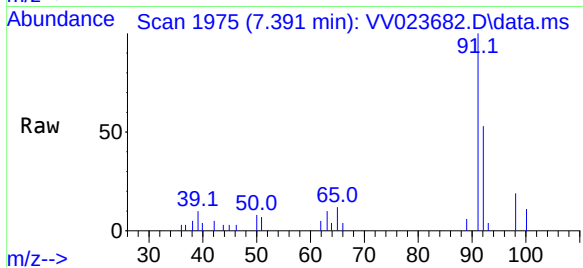
C0G40

Tgt Ion: 91 Resp: 8270

Ion Ratio Lower Upper

91 100

92 53.5 41.5 77.1



#47

Tetrachloroethene

Concen: 37.219 ug/L

RT: 7.973 min Scan# 2156

Delta R.T. -0.003 min

Lab File: VV023682.D

Acq: 23 Nov 2021 19:42

Tgt Ion: 164 Resp: 360237

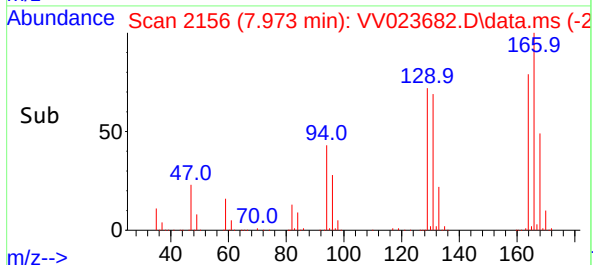
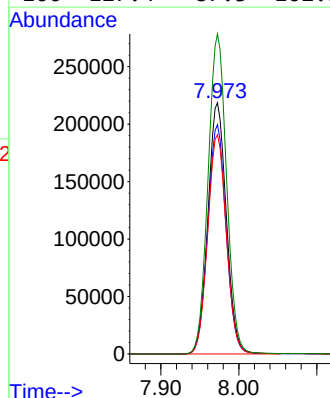
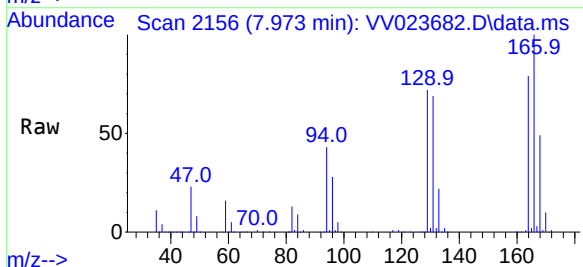
Ion Ratio Lower Upper

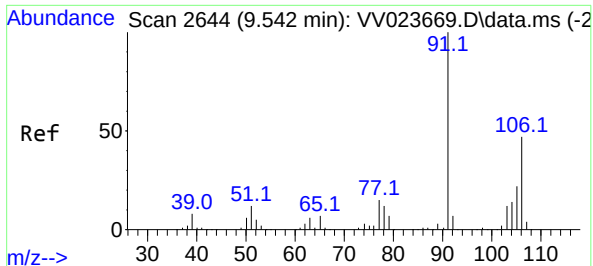
164 100

129 91.2 62.6 116.2

131 87.3 61.0 113.4

166 127.4 87.3 162.1

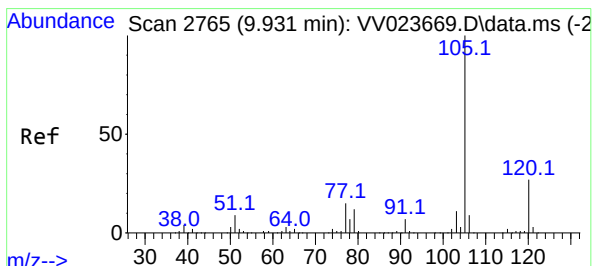
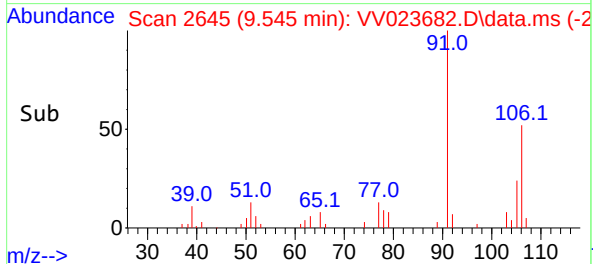
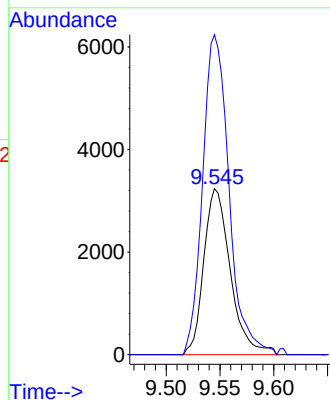
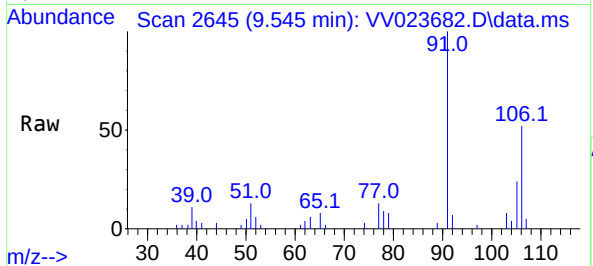




#54
o-xylene
Concen: 0.327 ug/L
RT: 9.545 min Scan# 2
Delta R.T. 0.003 min
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Tgt Ion:106 Resp: 5564
Ion Ratio Lower Upper
106 100
91 192.7 147.9 274.7



#60
Isopropylbenzene
Concen: 0.694 ug/L
RT: 9.931 min Scan# 2765
Delta R.T. 0.000 min
Lab File: VV023682.D
Acq: 23 Nov 2021 19:42

Tgt Ion:105 Resp: 30972
Ion Ratio Lower Upper
105 100
120 27.4 21.4 32.0
77 16.0 12.2 18.4

