

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111522\
 Data File : VW028991.D
 Acq On : 15 Nov 2022 16:08
 Operator : SY/MD
 Sample : N5628-01
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 COL11

Quant Time: Nov 16 03:19:58 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Nov 16 03:16:14 2022
 Response via : Initial Calibration

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

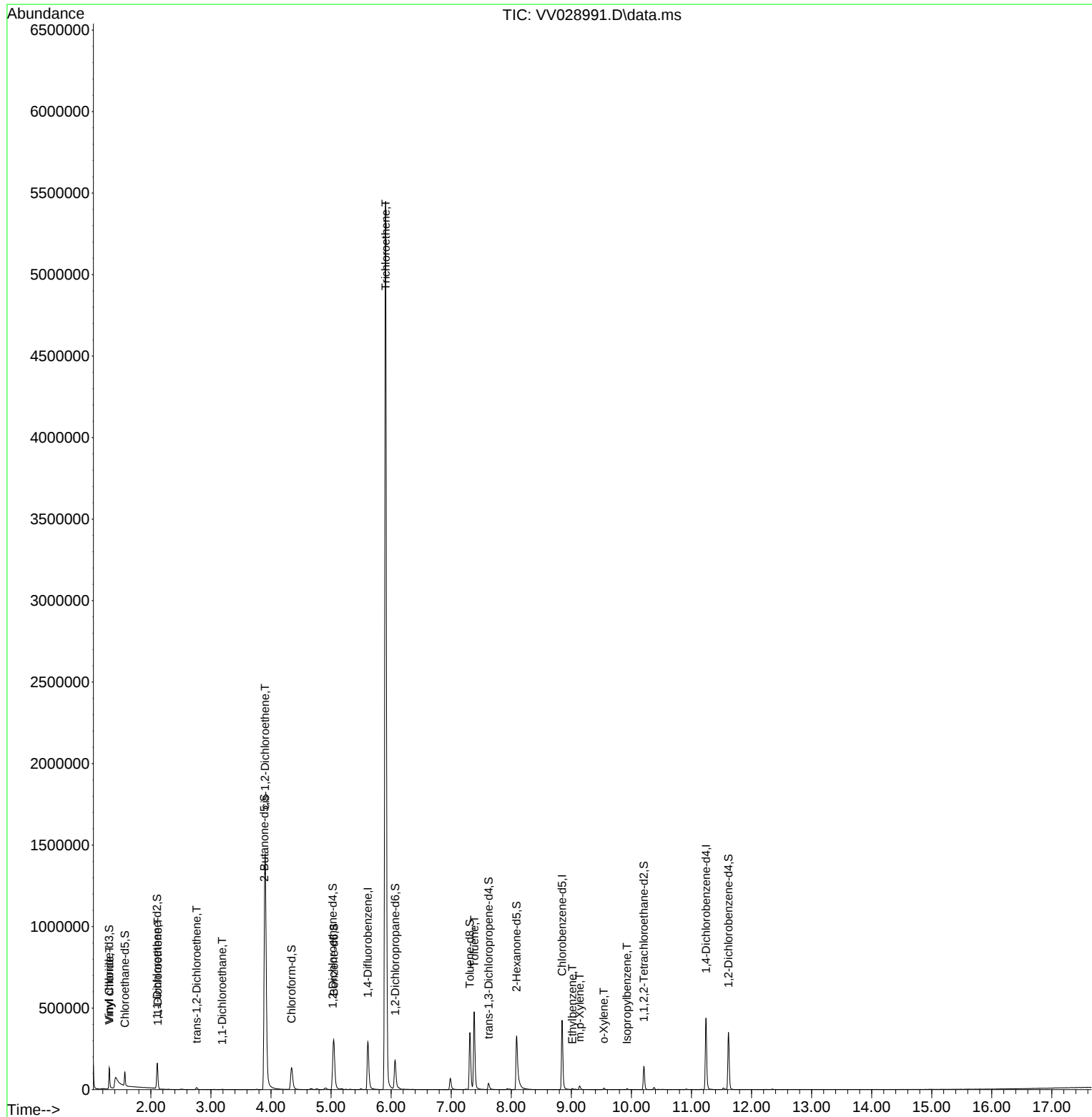
Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	283888	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	261027	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.243	152	123183	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	48902	2.826	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	56.600%	
7) Chloroethane-d5	1.568	69	54180	3.561	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	71.200%	
11) 1,1-Dichloroethene-d2	2.105	63	76970	2.440	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	48.800%#	
20) 2-Butanone-d5	3.889	46	179814	62.066	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	124.140%	
24) Chloroform-d	4.342	84	149587	4.210	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	84.200%	
26) 1,2-Dichloroethane-d4	5.031	65	72735	4.550	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	91.000%	
32) Benzene-d6	5.047	84	299927	3.850	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	77.000%	
36) 1,2-Dichloropropane-d6	6.066	67	92432	4.249	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	85.000%	
41) Toluene-d8	7.310	98	251349	3.584	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	71.600%	
43) trans-1,3-Dichloroprop...	7.622	79	25957	3.658	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	73.200%	
46) 2-Hexanone-d5	8.088	63	146935	48.512	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	97.020%	
56) 1,1,2,2-Tetrachloroeth...	10.207	84	72156	4.784	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	95.600%	
66) 1,2-Dichlorobenzene-d4	11.615	152	102254	4.640	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	92.800%	
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.310	62	41819	1.867	ug/L	85
12) 1,1-Dichloroethene	2.114	96	5577	0.325	ug/L #	1
18) trans-1,2-Dichloroethene	2.761	96	4402	0.221	ug/L	97
19) 1,1-Dichloroethane	3.185	63	2252	0.069	ug/L	93
22) cis-1,2-Dichloroethene	3.902	96	846733	41.786	ug/L	97
34) Trichloroethene	5.908	95	1917215	93.886	ug/L	98
42) Toluene	7.384	91	371349	4.309	ug/L	100
52) Ethylbenzene	9.014	91	5360	0.060	ug/L	100
53) m,p-Xylene	9.140	106	7590	0.213	ug/L	90
54) o-Xylene	9.542	106	2874	0.085	ug/L	100
60) Isopropylbenzene	9.927	105	4595	0.057	ug/L	93

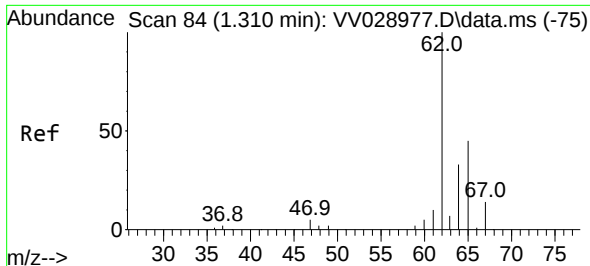
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111522\
Data File : VV028991.D
Acq On : 15 Nov 2022 16:08
Operator : SY/MD
Sample : N5628-01
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
COL11

Quant Time: Nov 16 03:19:58 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Nov 16 03:16:14 2022
Response via : Initial Calibration

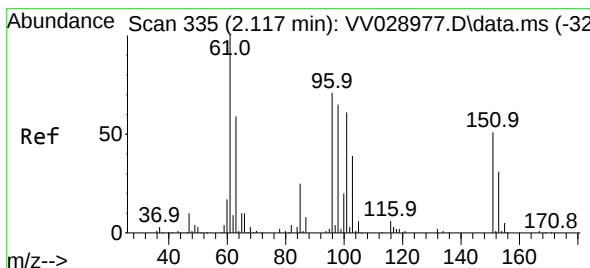
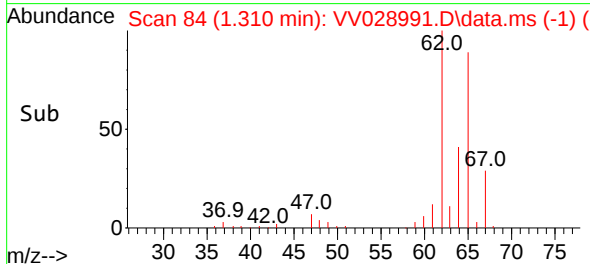
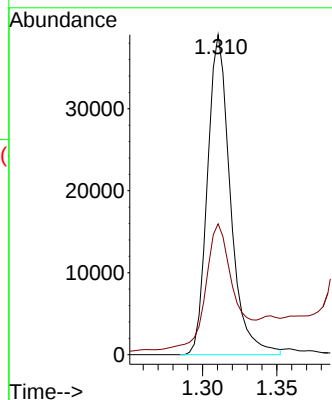
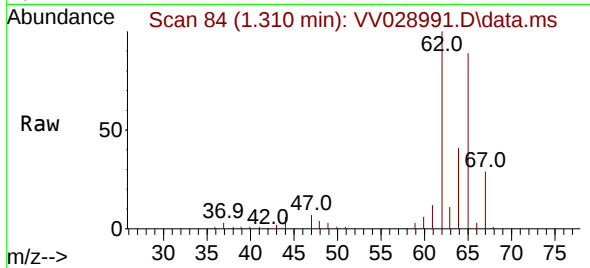




#5
 Vinyl chloride
 Concen: 1.867 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. 0.000 min
 Lab File: VV028991.D
 Acq: 15 Nov 2022 16:08

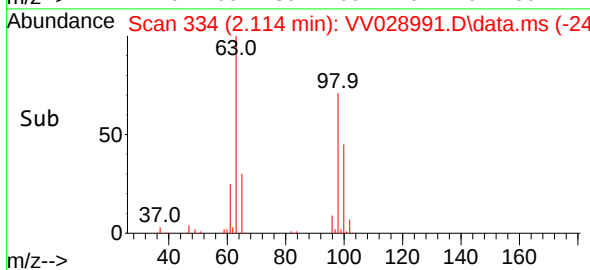
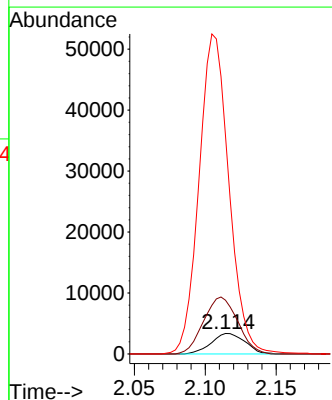
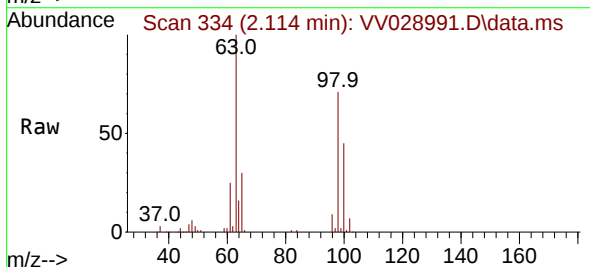
Instrument :
 MSVOA_V
 ClientSampleId :
 COL11

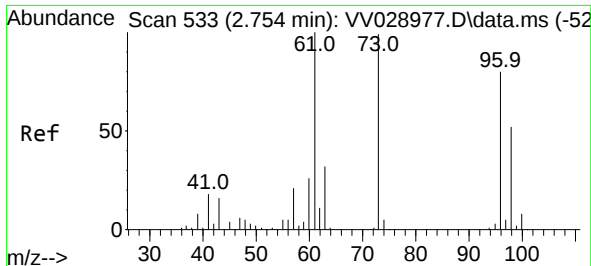
Tgt Ion: 62 Resp: 41819
 Ion Ratio Lower Upper
 62 100
 64 40.9 22.8 42.4



#12
 1,1-Dichloroethene
 Concen: 0.325 ug/L
 RT: 2.114 min Scan# 334
 Delta R.T. -0.003 min
 Lab File: VV028991.D
 Acq: 15 Nov 2022 16:08

Tgt Ion: 96 Resp: 5577
 Ion Ratio Lower Upper
 96 100
 61 262.7 104.2 193.4#
 63 1067.1 75.9 140.9#

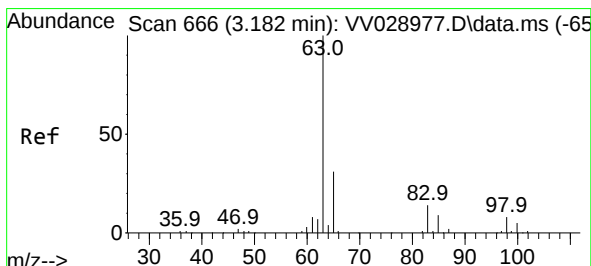
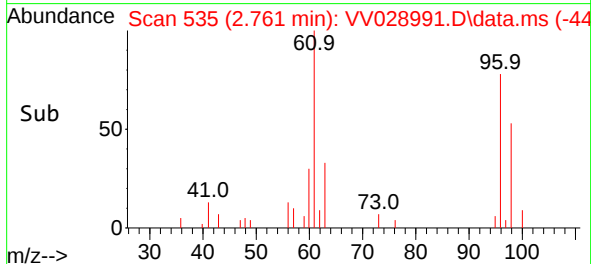
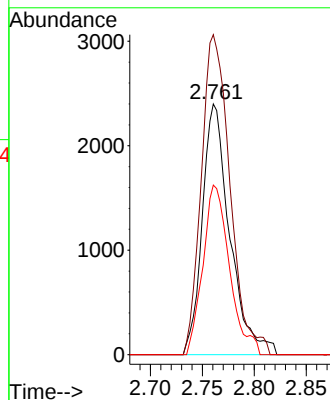
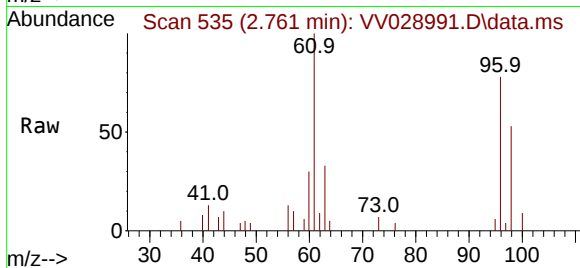




#18
 trans-1,2-Dichloroethene
 Concen: 0.221 ug/L
 RT: 2.761 min Scan# 51
 Delta R.T. 0.006 min
 Lab File: VV028991.D
 Acq: 15 Nov 2022 16:08

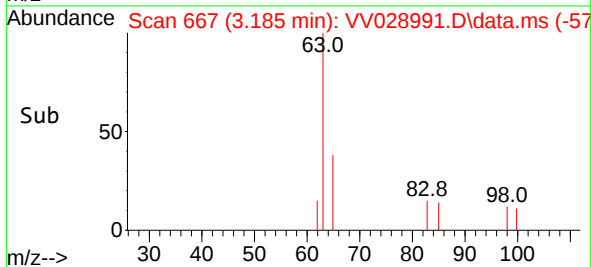
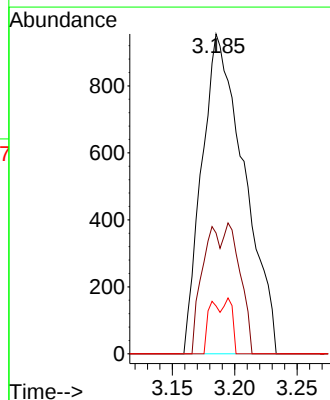
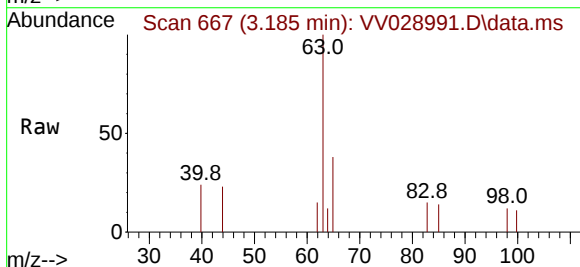
Instrument :
 MSVOA_V
 ClientSampleId :
 COL11

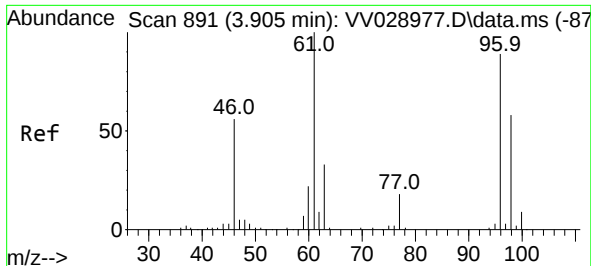
Tgt Ion: 96 Resp: 4402
 Ion Ratio Lower Upper
 96 100
 61 127.6 91.8 170.6
 98 67.7 46.4 86.2



#19
 1,1-Dichloroethane
 Concen: 0.069 ug/L
 RT: 3.185 min Scan# 667
 Delta R.T. 0.003 min
 Lab File: VV028991.D
 Acq: 15 Nov 2022 16:08

Tgt Ion: 63 Resp: 2252
 Ion Ratio Lower Upper
 63 100
 65 37.8 23.0 42.6
 83 15.0 9.4 17.6

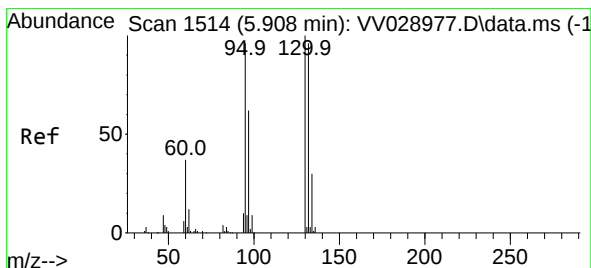
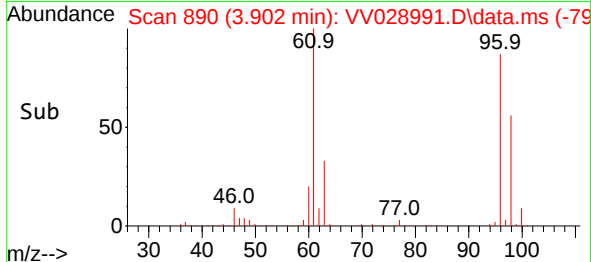
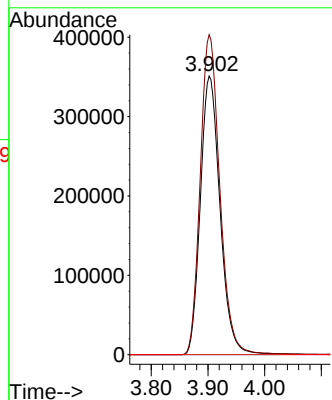
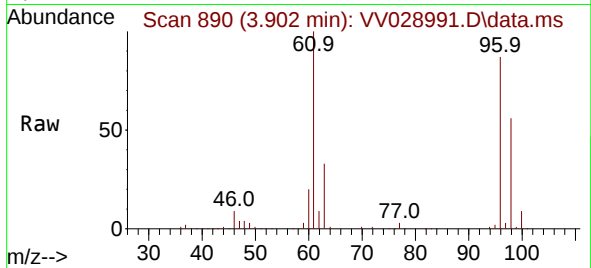




#22
 cis-1,2-Dichloroethene
 Concen: 41.786 ug/L
 RT: 3.902 min Scan# 891
 Delta R.T. -0.003 min
 Lab File: VV028991.D
 Acq: 15 Nov 2022 16:08

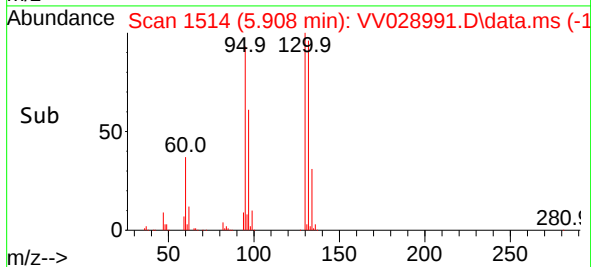
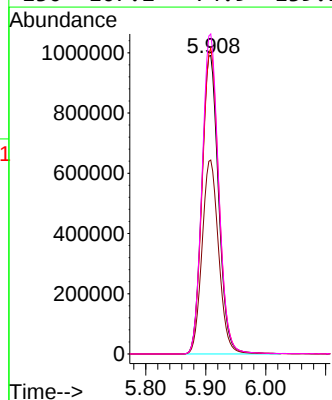
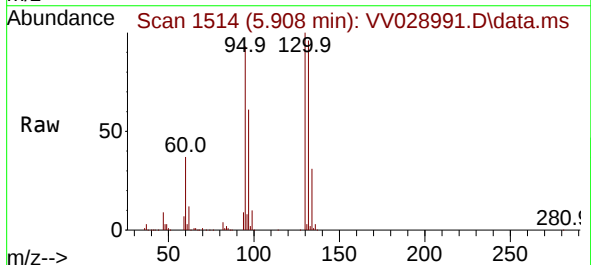
Instrument :
 MSVOA_V
 ClientSampleId :
 COL11

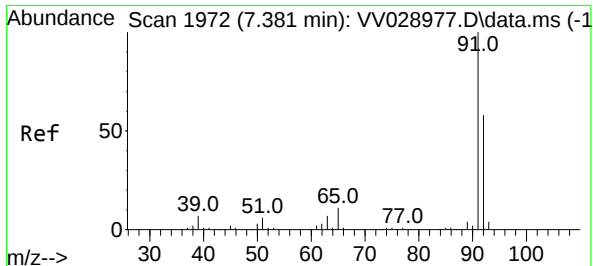
Tgt Ion: 96 Resp: 846733
 Ion Ratio Lower Upper
 96 100
 61 114.8 82.3 152.9
 68 0.0 0.0 0.0



#34
 Trichloroethene
 Concen: 93.886 ug/L
 RT: 5.908 min Scan# 1514
 Delta R.T. -0.000 min
 Lab File: VV028991.D
 Acq: 15 Nov 2022 16:08

Tgt Ion: 95 Resp: 1917215
 Ion Ratio Lower Upper
 95 100
 97 65.0 45.6 84.8
 132 102.5 69.1 128.3
 130 107.2 74.9 139.1





#42

Toluene

Concen: 4.309 ug/L

RT: 7.384 min Scan# 1972

Delta R.T. 0.003 min

Lab File: VV028991.D

Acq: 15 Nov 2022 16:08

Instrument :

MSVOA_V

ClientSampleId :

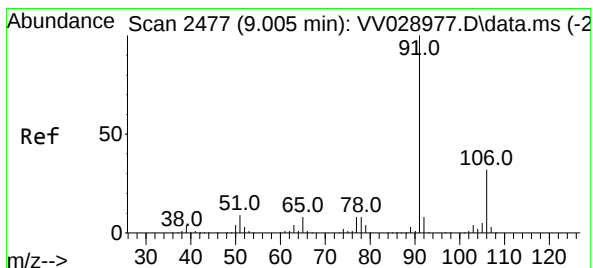
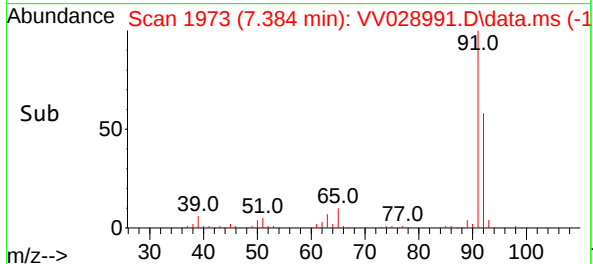
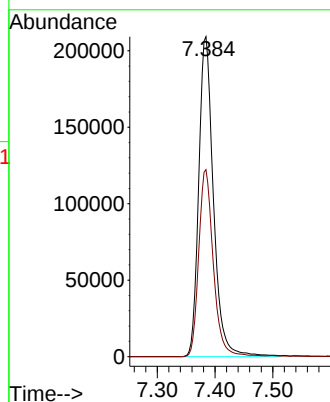
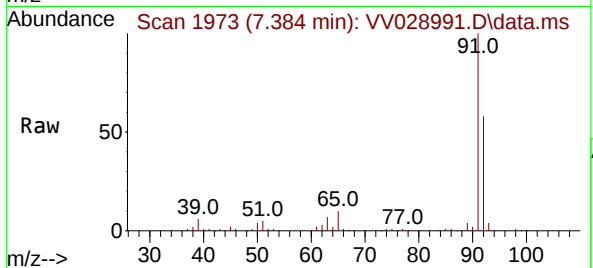
COL11

Tgt Ion: 91 Resp: 371349

Ion Ratio Lower Upper

91 100

92 58.5 40.7 75.5



#52

Ethylbenzene

Concen: 0.060 ug/L

RT: 9.014 min Scan# 2480

Delta R.T. 0.010 min

Lab File: VV028991.D

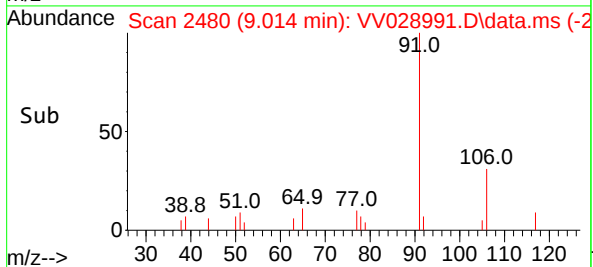
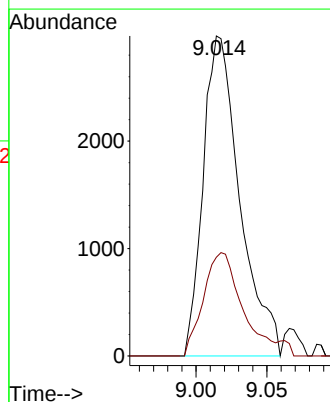
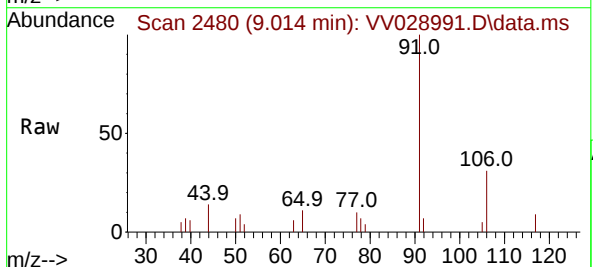
Acq: 15 Nov 2022 16:08

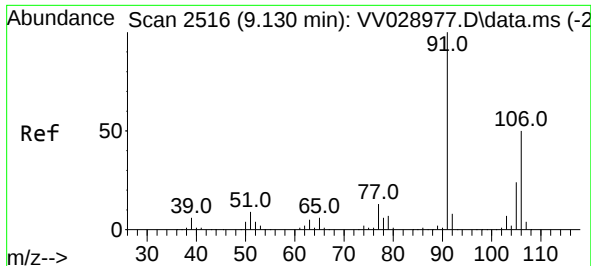
Tgt Ion: 91 Resp: 5360

Ion Ratio Lower Upper

91 100

106 30.9 21.6 40.2

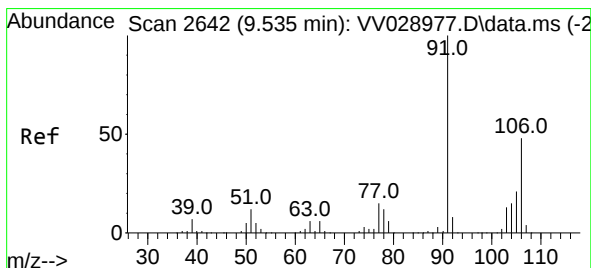
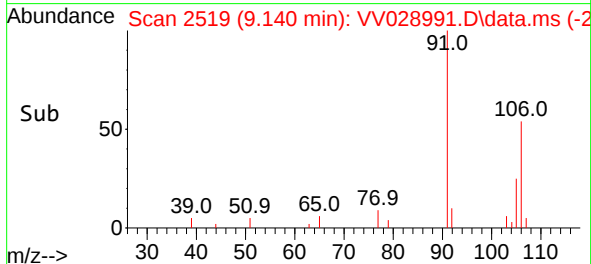
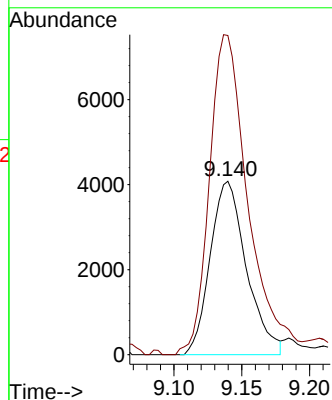
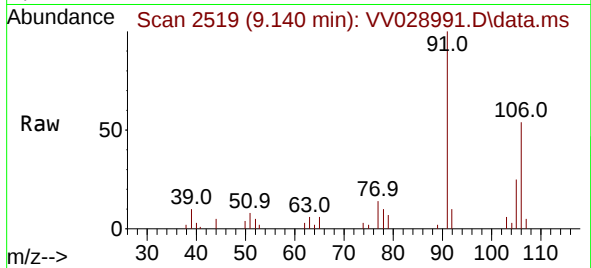




#53
m,p-Xylene
Concen: 0.213 ug/L
RT: 9.140 min Scan# 21
Delta R.T. 0.010 min
Lab File: VV028991.D
Acq: 15 Nov 2022 16:08

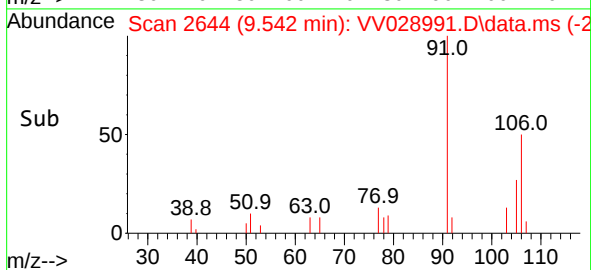
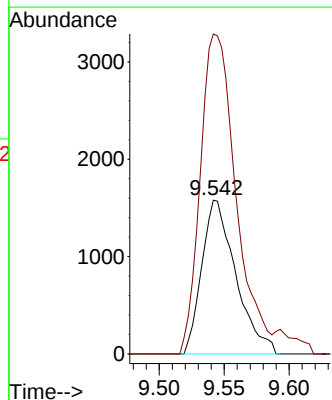
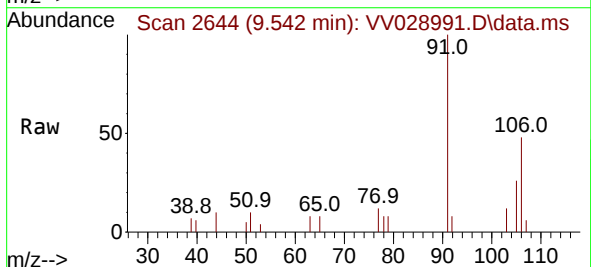
Instrument :
MSVOA_V
ClientSampleId :
COL11

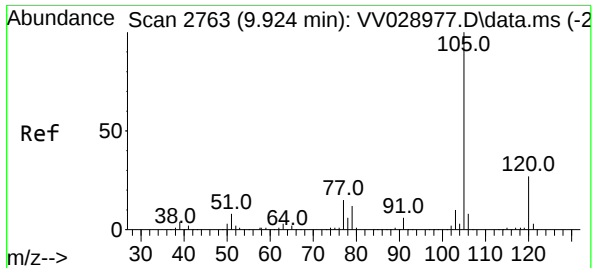
Tgt Ion:106 Resp: 7590
Ion Ratio Lower Upper
106 100
91 184.2 139.1 258.3



#54
o-Xylene
Concen: 0.085 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. 0.006 min
Lab File: VV028991.D
Acq: 15 Nov 2022 16:08

Tgt Ion:106 Resp: 2874
Ion Ratio Lower Upper
106 100
91 208.0 145.7 270.7





#60
 Isopropylbenzene
 Concen: 0.057 ug/L
 RT: 9.927 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VV028991.D
 Acq: 15 Nov 2022 16:08

Instrument :
 MSVOA_V
 ClientSampleId :
 COL11

Tgt Ion:	105	Resp:	4595
Ion	Ratio	Lower	Upper
105	100		
120	21.3	21.3	31.9
77	15.5	11.8	17.8

