

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121222\
 Data File : VW029623.D
 Acq On : 13 Dec 2022 02:25
 Operator : SY/MD
 Sample : N5928-21
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EXZ90

Quant Time: Dec 13 05:26:09 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM120722WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Dec 13 04:57:44 2022
 Response via : Initial Calibration

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

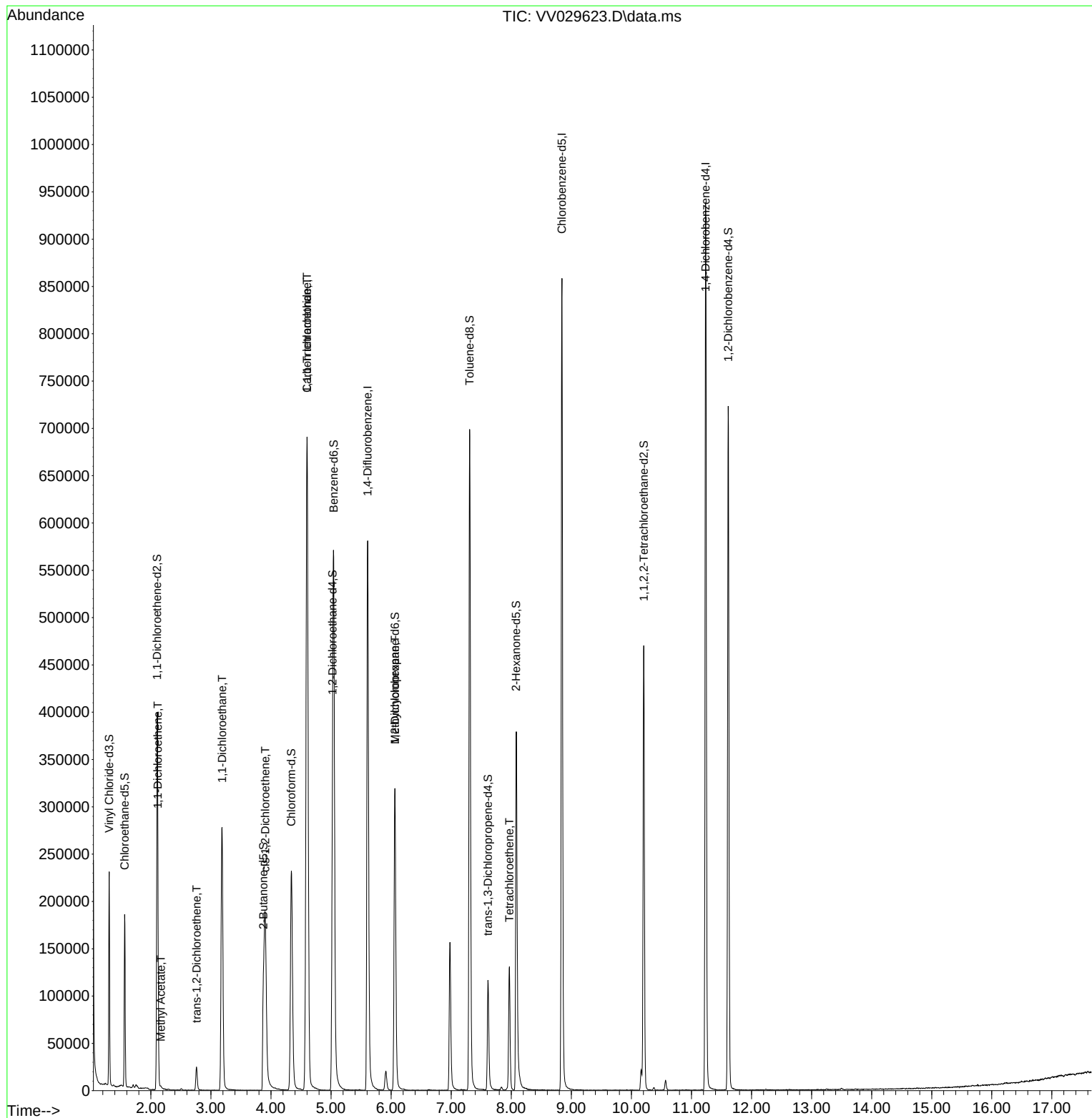
Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	539096	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	496610	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.236	152	254305	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	142207	43.077	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	86.160%		
7) Chloroethane-d5	1.564	69	117181	46.551	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	93.100%		
11) 1,1-Dichloroethene-d2	2.104	63	196674	38.197	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	76.400%		
21) 2-Butanone-d5	3.873	46	179271	89.020	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	89.020%		
24) Chloroform-d	4.339	84	252991	40.725	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	81.440%		
26) 1,2-Dichloroethane-d4	5.024	65	149896	42.248	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	84.500%		
32) Benzene-d6	5.043	84	549794	41.898	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	83.800%		
36) 1,2-Dichloropropane-d6	6.063	67	170199	42.463	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	84.920%		
41) Toluene-d8	7.307	98	492507	39.834	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	79.660%#		
43) trans-1,3-Dichloroprop...	7.612	79	68079	33.636	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	67.280%		
47) 2-Hexanone-d5	8.082	63	146040	85.324	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	85.320%		
56) 1,1,2,2-Tetrachloroeth...	10.207	84	233313	40.734	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	81.460%		
66) 1,2-Dichlorobenzene-d4	11.612	152	197249	40.746	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	81.500%		
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.117	96	27700	9.613	ug/L #	1
15) Methyl Acetate	2.166	43	2264	0.757	ug/L #	45
17) trans-1,2-Dichloroethene	2.760	96	9724	2.929	ug/L	99
19) 1,1-Dichloroethane	3.185	63	291701	51.283	ug/L	99
20) cis-1,2-Dichloroethene	3.905	96	92973	25.465	ug/L	96
30) 1,1,1-Trichloroethane	4.600	97	583366	107.820	ug/L	99
31) Carbon tetrachloride	4.600	117	79803	16.890	ug/L	100
35) Methylcyclohexane	6.063	83	40757	6.841	ug/L #	21
46) Tetrachloroethene	7.969	164	31389	11.130	ug/L	94

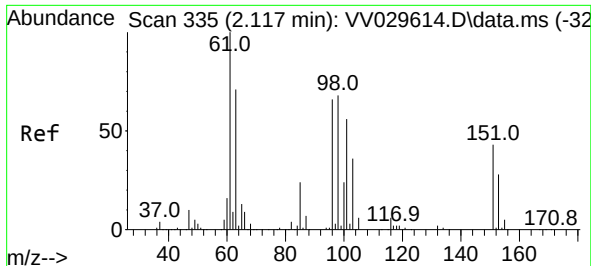
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV121222\
Data File : VV029623.D
Acq On : 13 Dec 2022 02:25
Operator : SY/MD
Sample : N5928-21
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EXZ90

Quant Time: Dec 13 05:26:09 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM120722WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Dec 13 04:57:44 2022
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 9.613 ug/L

RT: 2.117 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV029623.D

Acq: 13 Dec 2022 02:25

Instrument :

MSVOA_V

ClientSampleId :

EXZ90

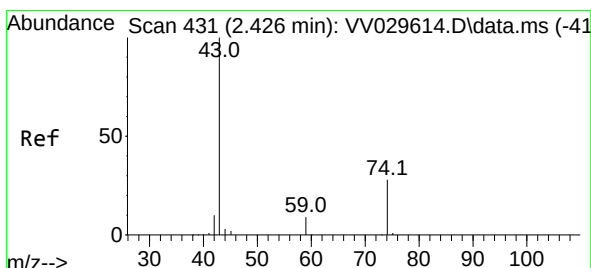
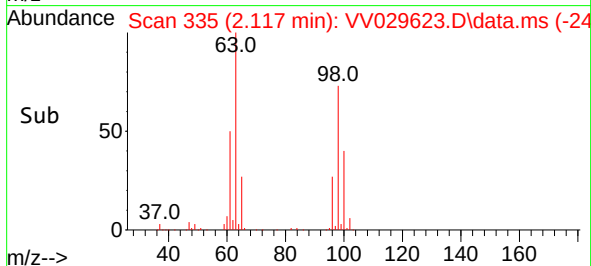
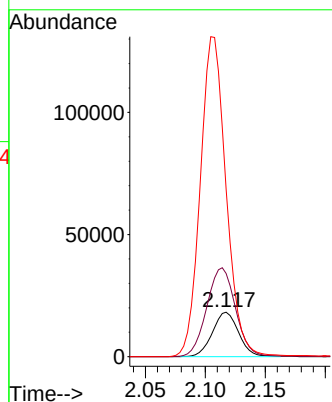
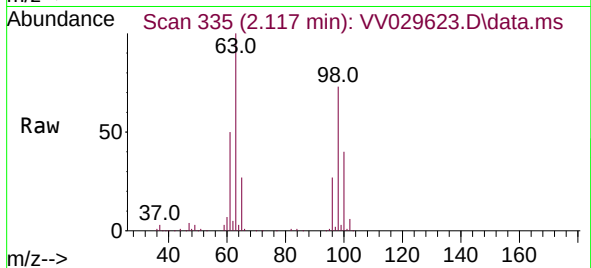
Tgt Ion: 96 Resp: 27700

Ion Ratio Lower Upper

96 100

61 187.3 103.3 191.9

63 376.9 77.3 143.7#



#15

Methyl Acetate

Concen: 0.757 ug/L

RT: 2.166 min Scan# 350

Delta R.T. -0.260 min

Lab File: VV029623.D

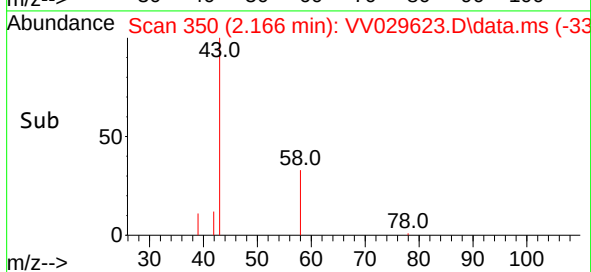
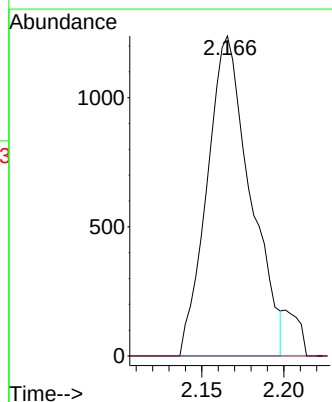
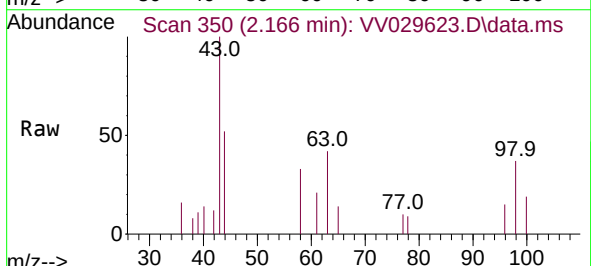
Acq: 13 Dec 2022 02:25

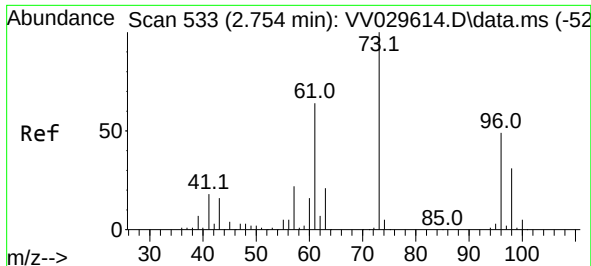
Tgt Ion: 43 Resp: 2264

Ion Ratio Lower Upper

43 100

74 0.0 23.5 35.3#

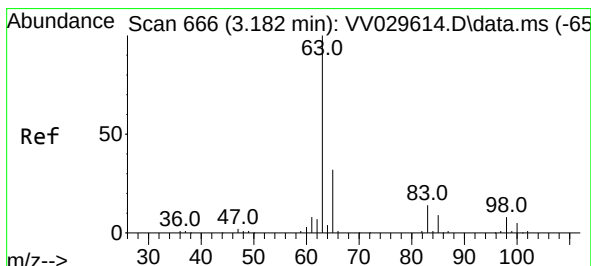
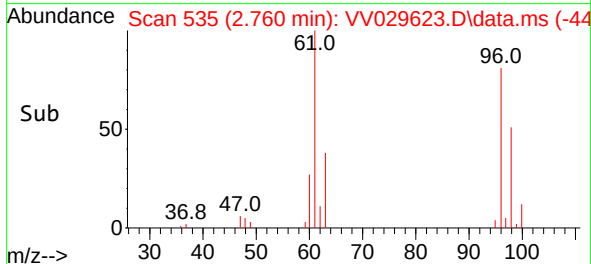
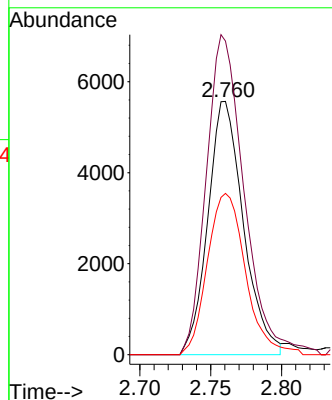
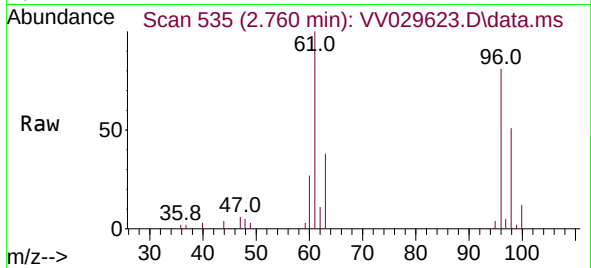




#17
trans-1,2-Dichloroethene
Concen: 2.929 ug/L
RT: 2.760 min Scan# 51
Delta R.T. 0.006 min
Lab File: VV029623.D
Acq: 13 Dec 2022 02:25

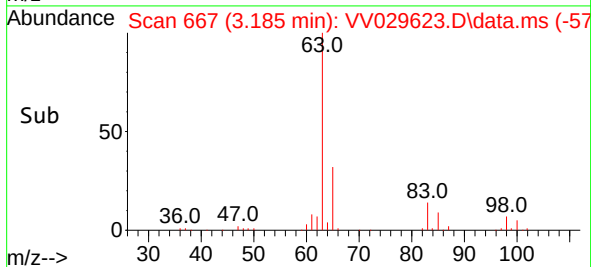
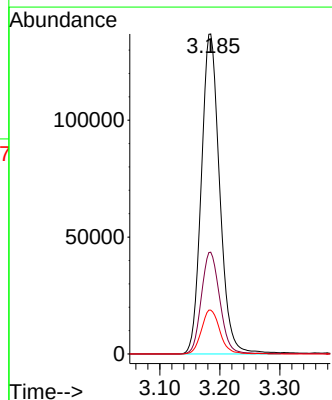
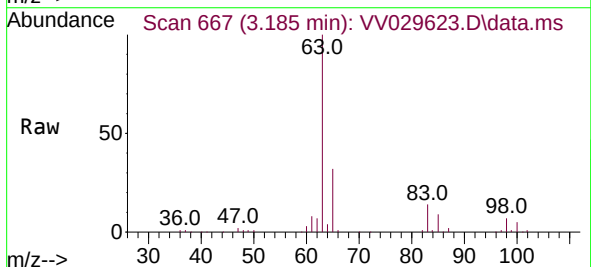
Instrument :
MSVOA_V
ClientSampleId :
EXZ90

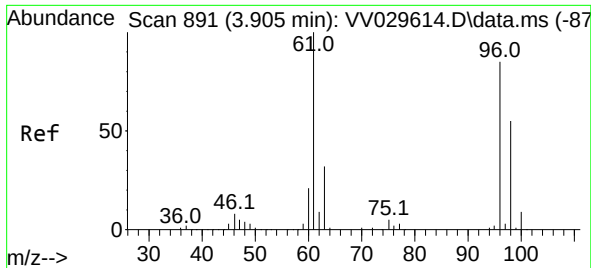
Tgt Ion: 96 Resp: 9724
Ion Ratio Lower Upper
96 100
61 123.9 86.4 160.4
98 63.7 43.4 80.6



#19
1,1-Dichloroethane
Concen: 51.283 ug/L
RT: 3.185 min Scan# 667
Delta R.T. 0.003 min
Lab File: VV029623.D
Acq: 13 Dec 2022 02:25

Tgt Ion: 63 Resp: 291701
Ion Ratio Lower Upper
63 100
65 31.8 22.5 41.7
83 13.7 10.4 19.2

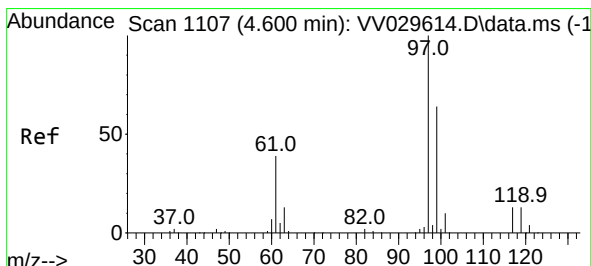
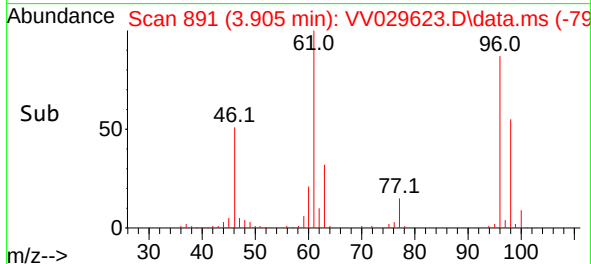
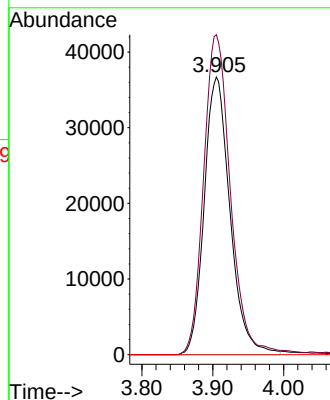
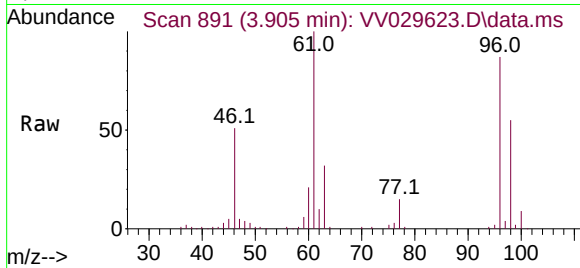




#20
 cis-1,2-Dichloroethene
 Concen: 25.465 ug/L
 RT: 3.905 min Scan# 891
 Delta R.T. -0.000 min
 Lab File: VV029623.D
 Acq: 13 Dec 2022 02:25

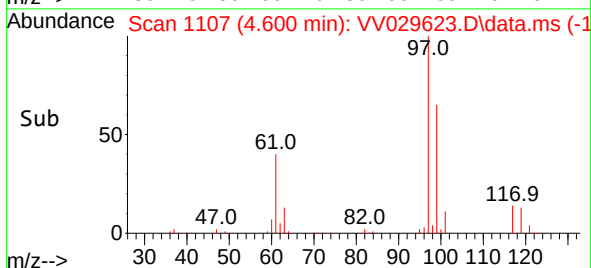
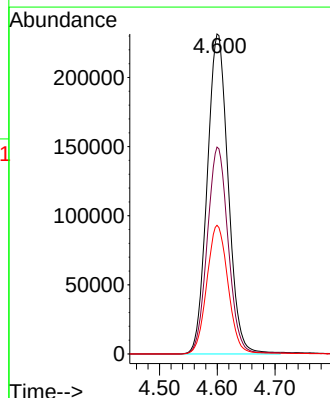
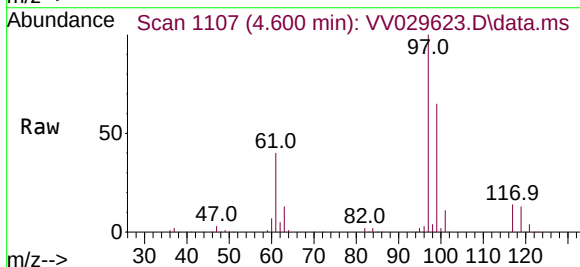
Instrument :
 MSVOA_V
 ClientSampleId :
 EXZ90

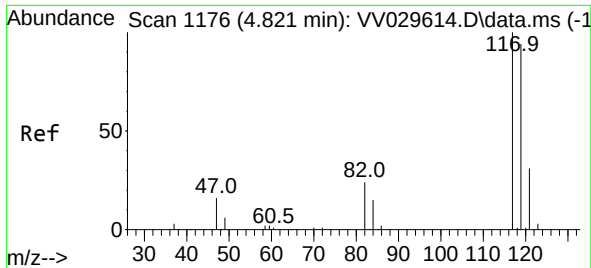
Tgt Ion: 96 Resp: 92973
 Ion Ratio Lower Upper
 96 100
 61 115.2 78.0 144.9
 68 0.0 0.0 0.0



#30
 1,1,1-Trichloroethane
 Concen: 107.820 ug/L
 RT: 4.600 min Scan# 1107
 Delta R.T. -0.000 min
 Lab File: VV029623.D
 Acq: 13 Dec 2022 02:25

Tgt Ion: 97 Resp: 583366
 Ion Ratio Lower Upper
 97 100
 99 64.6 52.1 78.1
 61 40.9 31.8 47.8

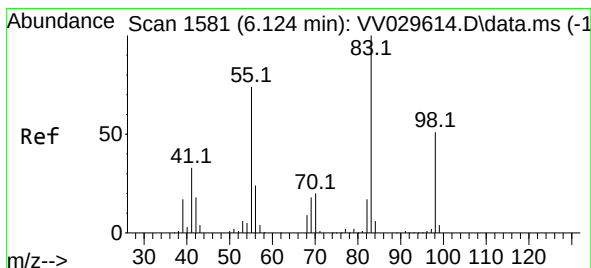
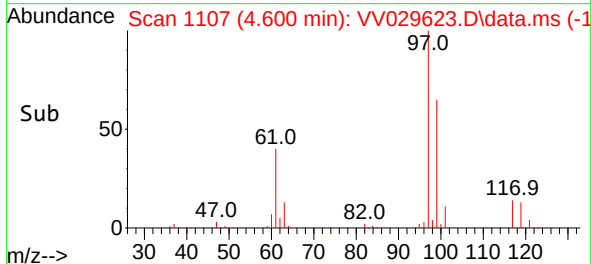
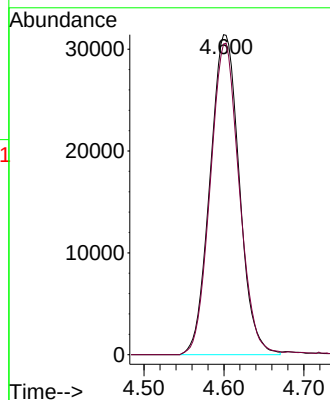
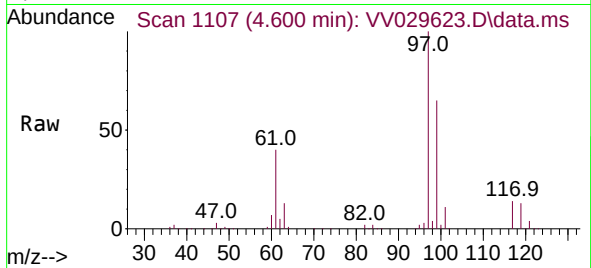




#31
Carbon tetrachloride
Concen: 16.890 ug/L
RT: 4.600 min Scan# 1176
Delta R.T. -0.222 min
Lab File: VV029623.D
Acq: 13 Dec 2022 02:25

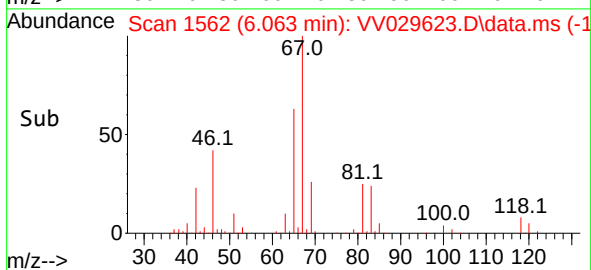
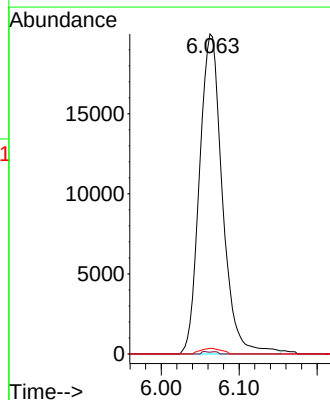
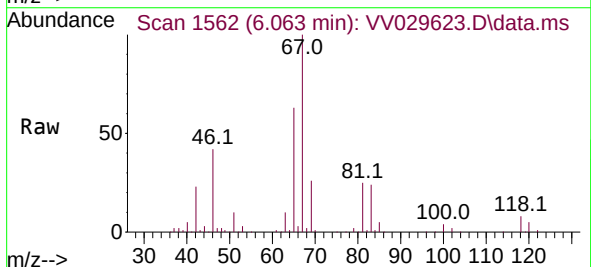
Instrument :
MSVOA_V
ClientSampleId :
EXZ90

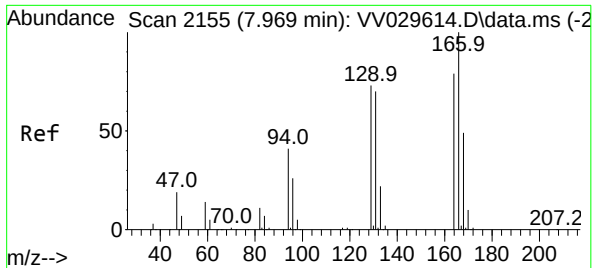
Tgt Ion:117 Resp: 79803
Ion Ratio Lower Upper
117 100
119 96.2 76.7 115.1



#35
Methylcyclohexane
Concen: 6.841 ug/L
RT: 6.063 min Scan# 1562
Delta R.T. -0.061 min
Lab File: VV029623.D
Acq: 13 Dec 2022 02:25

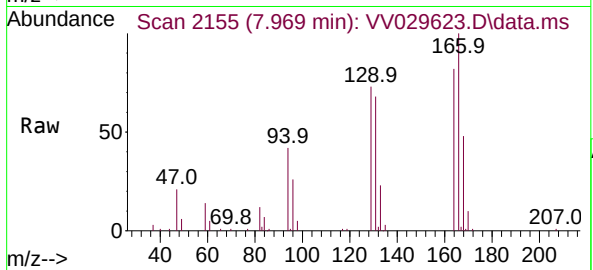
Tgt Ion: 83 Resp: 40757
Ion Ratio Lower Upper
83 100
55 0.3 55.5 83.3#
98 1.6 39.8 59.8#





#46
 Tetrachloroethene
 Concen: 11.130 ug/L
 RT: 7.969 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VV029623.D
 Acq: 13 Dec 2022 02:25

Instrument :
 MSVOA_V
 ClientSampleId :
 EXZ90



Tgt Ion:164 Resp: 31389

Ion	Ratio	Lower	Upper
164	100		
129	88.7	65.3	121.3
131	83.3	63.1	117.1
166	122.0	90.8	168.6

