

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111722\
 Data File : VW029095.D
 Acq On : 18 Nov 2022 04:13
 Operator : SY/MD
 Sample : N5648-13
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H46E0

Quant Time: Nov 18 06:03:54 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 18 04:35:43 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	261310	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	238047	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.242	152	111037	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	60956	3.826	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	76.600%
7) Chloroethane-d5	1.568	69	51989	3.712	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	74.200%
11) 1,1-Dichloroethene-d2	2.108	63	84587	2.914	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	58.200%#
20) 2-Butanone-d5	3.886	46	163491	61.307	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	122.620%
24) Chloroform-d	4.342	84	148536	4.541	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.800%
26) 1,2-Dichloroethane-d4	5.031	65	70696	4.804	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.000%
32) Benzene-d6	5.047	84	305682	4.302	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.000%
36) 1,2-Dichloropropane-d6	6.066	67	88943	4.483	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.600%
41) Toluene-d8	7.310	98	280590	4.387	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.800%
43) trans-1,3-Dichloroprop...	7.622	79	27431	4.239	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.800%
46) 2-Hexanone-d5	8.088	63	128951	46.685	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.360%
56) 1,1,2,2-Tetrachloroeth...	10.207	84	69684	5.066	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.400%
66) 1,2-Dichlorobenzene-d4	11.615	152	104455	5.258	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.200%
Target Compounds						
					Qvalue	
3) Chloromethane	1.240	50	6703	0.371	ug/L	90
5) Vinyl chloride	1.310	62	201793	9.786	ug/L	91
6) Bromomethane	1.523	94	653	0.053	ug/L	74
8) Chloroethane	1.400	64	317038	26.163	ug/L #	51
12) 1,1-Dichloroethene	2.114	96	2749	0.174	ug/L #	1
14) Carbon disulfide	2.297	76	3288	0.059	ug/L	95
15) Methyl Acetate	2.490	43	1206	0.290	ug/L #	44
17) Methyl tert-butyl Ether	2.764	73	628326	18.527	ug/L	99
18) trans-1,2-Dichloroethene	2.757	96	301989	16.460	ug/L	94
19) 1,1-Dichloroethane	3.188	63	33570	1.119	ug/L	97
22) cis-1,2-Dichloroethene	3.902	96	1102963	59.134	ug/L	94
25) Chloroform	4.371	83	3014	0.096	ug/L	94
33) Benzene	5.098	78	24725	0.340	ug/L	100
34) Trichloroethene	5.911	95	77640	4.169	ug/L	97
35) Methylcyclohexane	6.066	83	22560	0.689	ug/L #	21
61) 1,2,3-Trichloropropane	11.242	75	11118	1.465	ug/L #	64

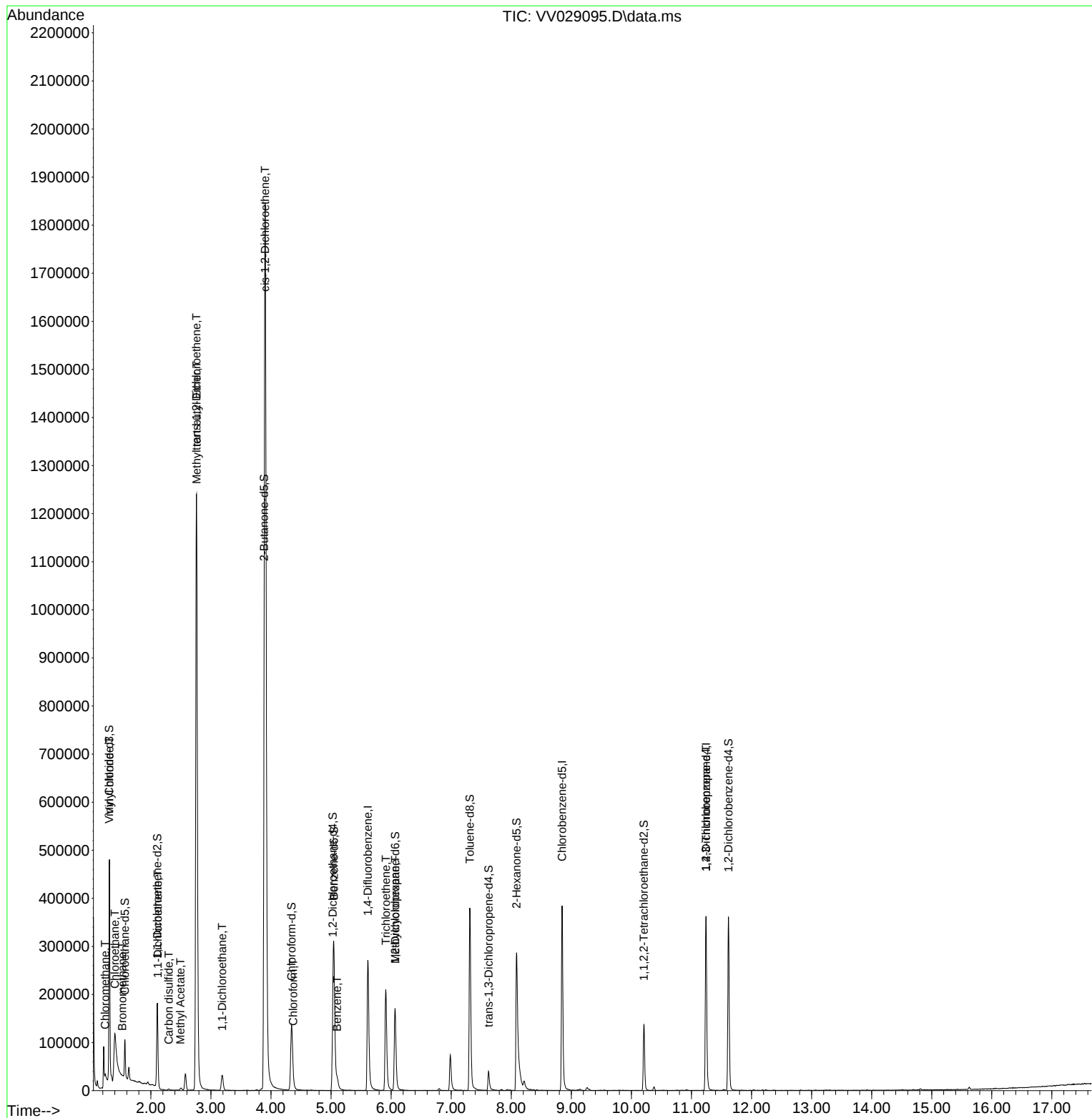
(#) = qualifier out of range (m) = manual integration (+) = signals summed

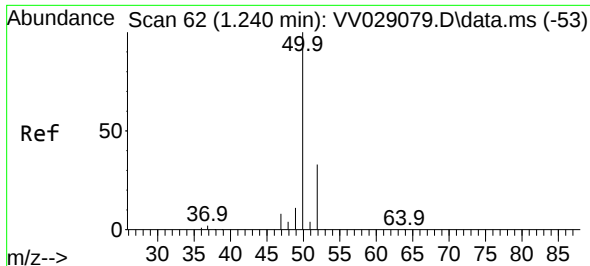
Instrument :
MSVOA_V
ClientSampleId :
H46E0

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111722\
Data File : VV029095.D
Acq On : 18 Nov 2022 04:13
Operator : SY/MD
Sample : N5648-13
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 43 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
H46E0

Quant Time: Nov 18 06:03:54 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Nov 18 04:35:43 2022
Response via : Initial Calibration

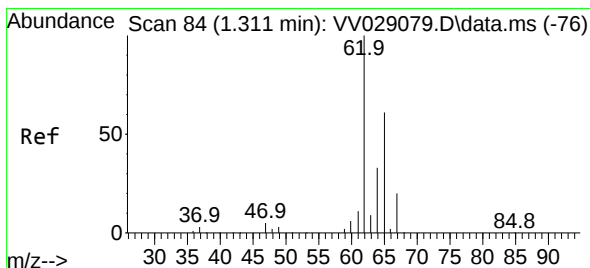
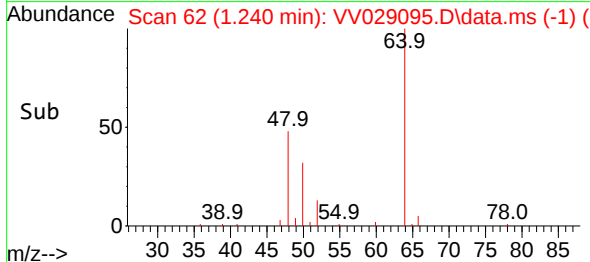
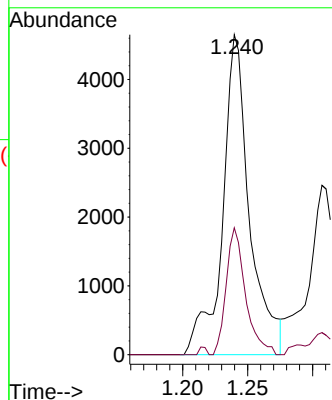
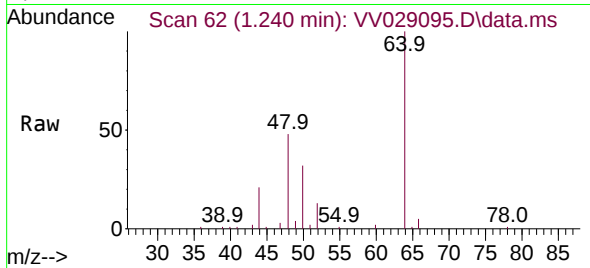




#3
Chloromethane
Concen: 0.371 ug/L
RT: 1.240 min Scan# 61
Delta R.T. -0.000 min
Lab File: VV029095.D
Acq: 18 Nov 2022 04:13

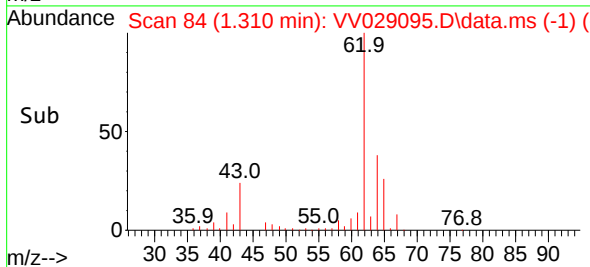
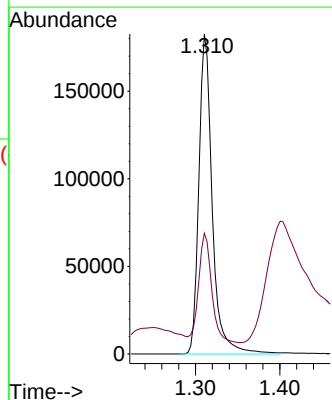
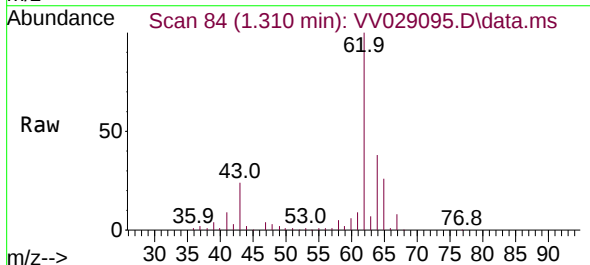
Instrument :
MSVOA_V
ClientSampleId :
H46E0

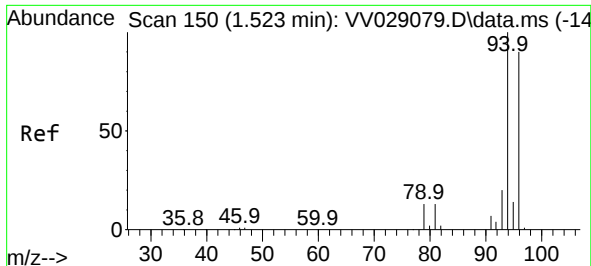
Tgt Ion: 50 Resp: 6703
Ion Ratio Lower Upper
50 100
52 39.7 23.7 43.9



#5
Vinyl chloride
Concen: 9.786 ug/L
RT: 1.310 min Scan# 84
Delta R.T. -0.000 min
Lab File: VV029095.D
Acq: 18 Nov 2022 04:13

Tgt Ion: 62 Resp: 201793
Ion Ratio Lower Upper
62 100
64 37.8 22.8 42.4

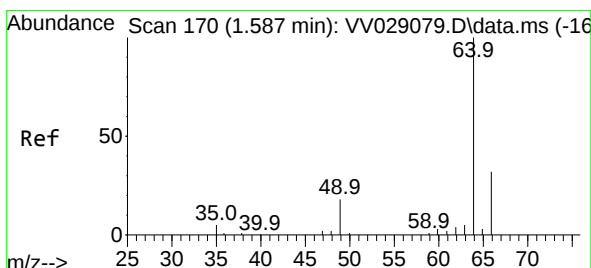
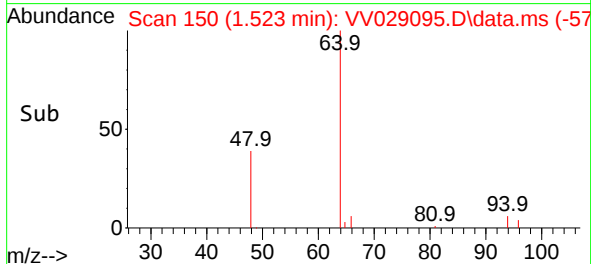
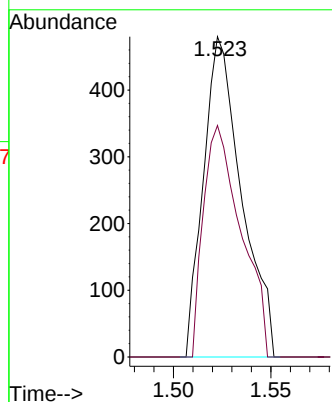
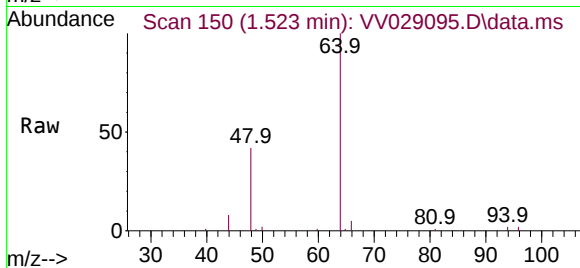




#6
Bromomethane
Concen: 0.053 ug/L
RT: 1.523 min Scan# 112
Delta R.T. -0.000 min
Lab File: VV029095.D
Acq: 18 Nov 2022 04:13

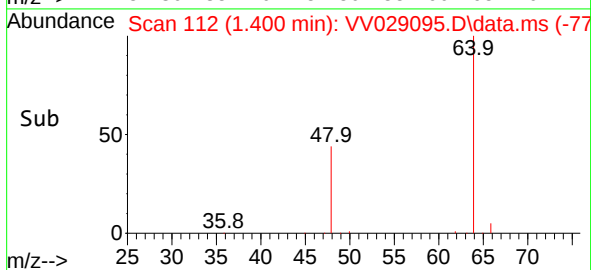
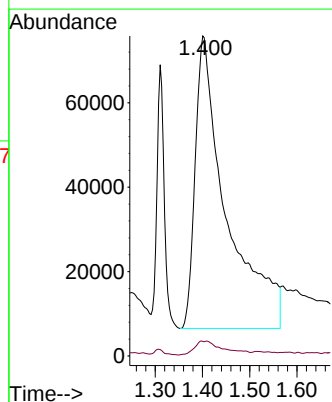
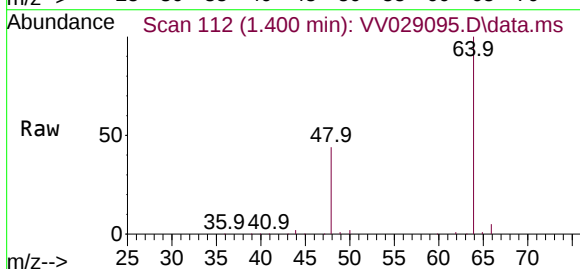
Instrument :
MSVOA_V
ClientSampleId :
H46E0

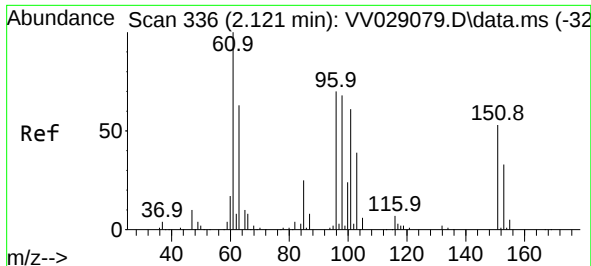
Tgt Ion: 94 Resp: 653
Ion Ratio Lower Upper
94 100
96 72.3 68.5 127.3



#8
Chloroethane
Concen: 26.163 ug/L
RT: 1.400 min Scan# 112
Delta R.T. -0.187 min
Lab File: VV029095.D
Acq: 18 Nov 2022 04:13

Tgt Ion: 64 Resp: 317038
Ion Ratio Lower Upper
64 100
66 4.5 22.0 40.8#





#12

1,1-Dichloroethene

Concen: 0.174 ug/L

RT: 2.114 min Scan# 31

Delta R.T. -0.007 min

Lab File: VV029095.D

Acq: 18 Nov 2022 04:13

Instrument :

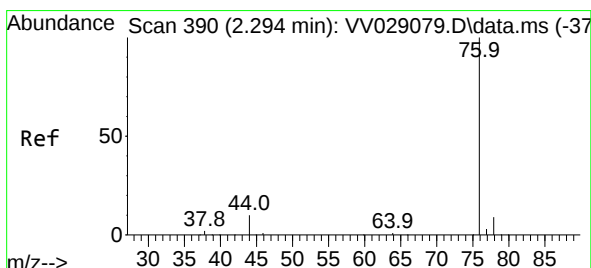
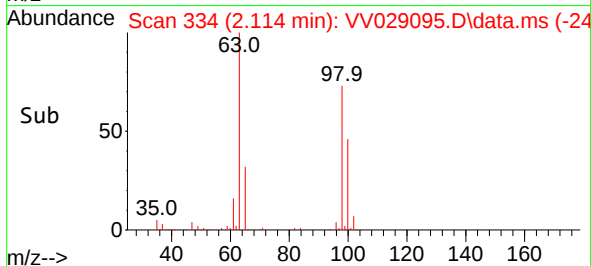
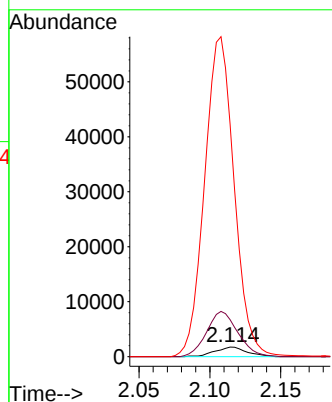
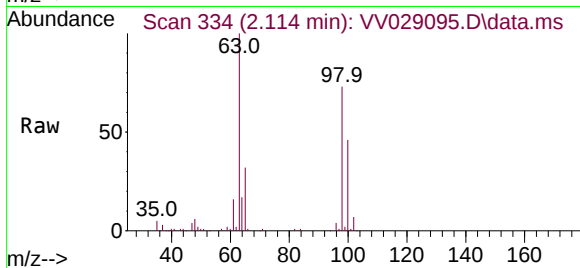
MSVOA_V

ClientSampleId :

H46E0

Tgt Ion: 96 Resp: 2749

Ion	Ratio	Lower	Upper
96	100		
61	383.3	104.2	193.4#
63	2408.2	75.9	140.9#



#14

Carbon disulfide

Concen: 0.059 ug/L

RT: 2.297 min Scan# 391

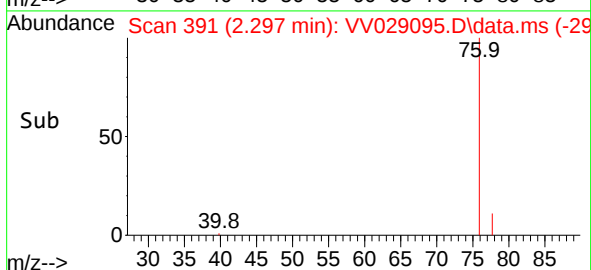
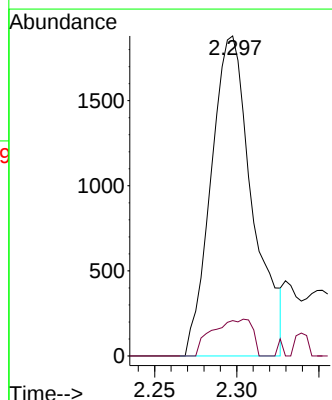
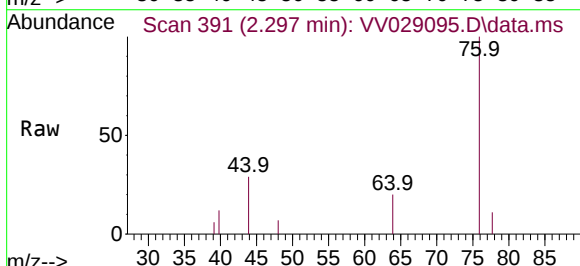
Delta R.T. 0.003 min

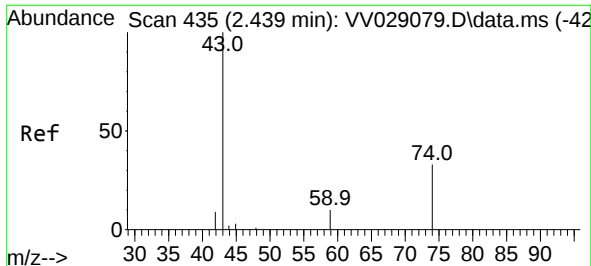
Lab File: VV029095.D

Acq: 18 Nov 2022 04:13

Tgt Ion: 76 Resp: 3288

Ion	Ratio	Lower	Upper
76	100		
78	11.1	7.4	11.2

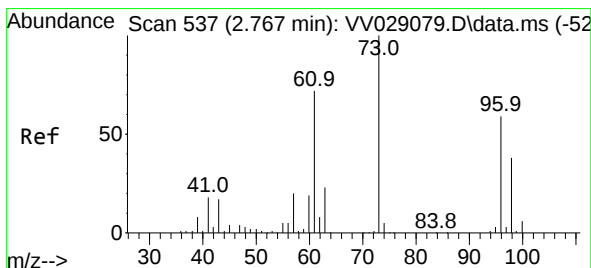
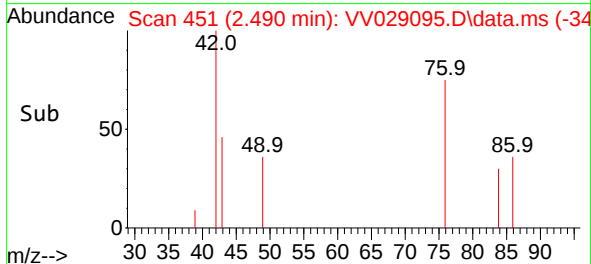
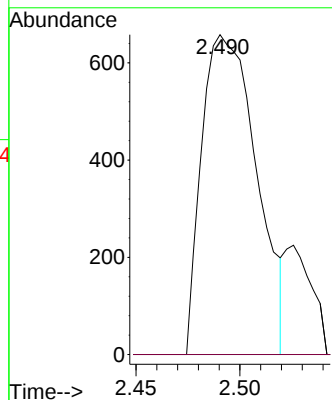
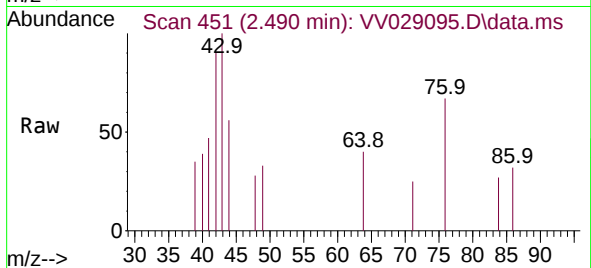




#15
Methyl Acetate
Concen: 0.290 ug/L
RT: 2.490 min Scan# 41
Delta R.T. 0.051 min
Lab File: VV029095.D
Acq: 18 Nov 2022 04:13

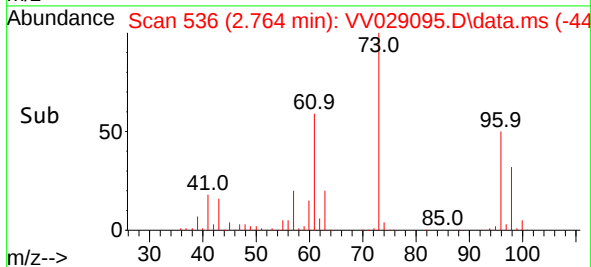
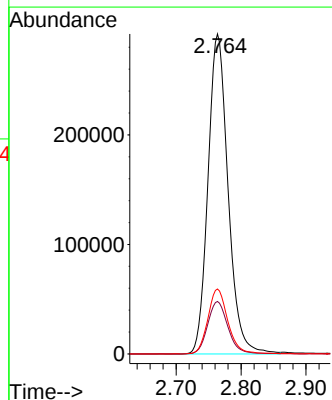
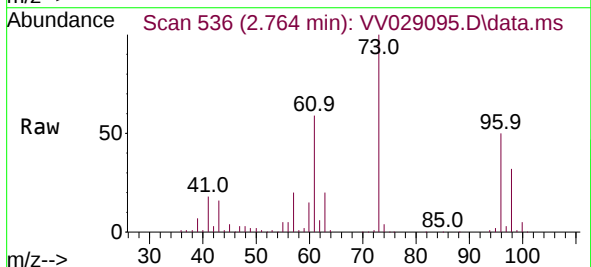
Instrument :
MSVOA_V
ClientSampleId :
H46E0

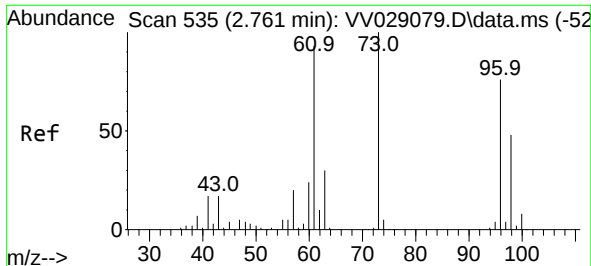
Tgt Ion: 43 Resp: 1206
Ion Ratio Lower Upper
43 100
74 0.0 24.6 37.0#



#17
Methyl tert-butyl Ether
Concen: 18.527 ug/L
RT: 2.764 min Scan# 536
Delta R.T. -0.003 min
Lab File: VV029095.D
Acq: 18 Nov 2022 04:13

Tgt Ion: 73 Resp: 628326
Ion Ratio Lower Upper
73 100
43 16.6 13.0 19.4
57 20.1 16.6 24.8

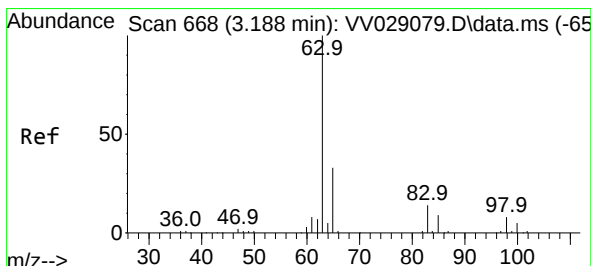
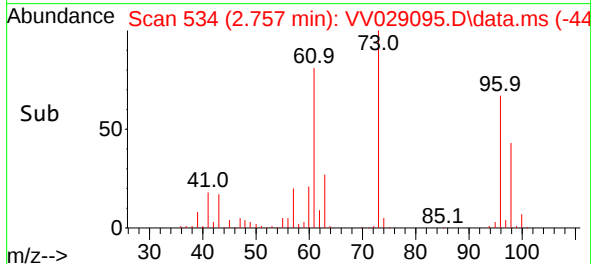
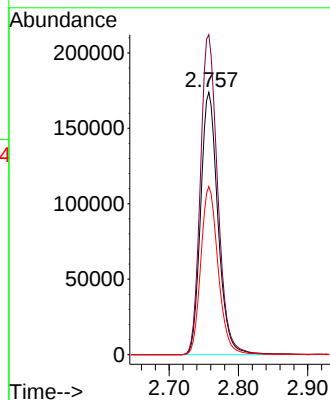
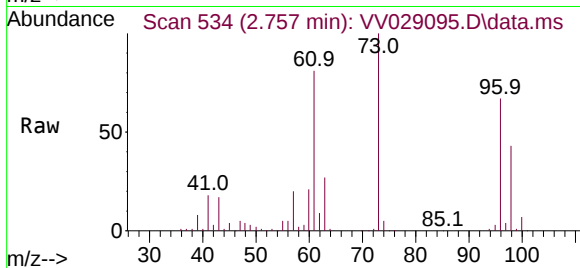




#18
trans-1,2-Dichloroethene
Concen: 16.460 ug/L
RT: 2.757 min Scan# 51
Delta R.T. -0.003 min
Lab File: VV029095.D
Acq: 18 Nov 2022 04:13

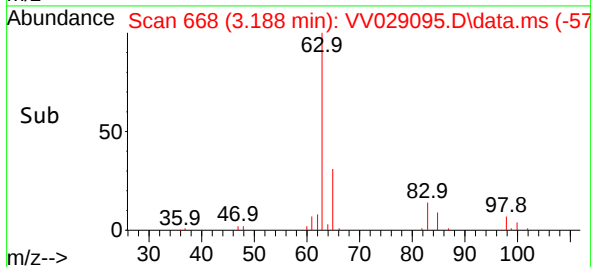
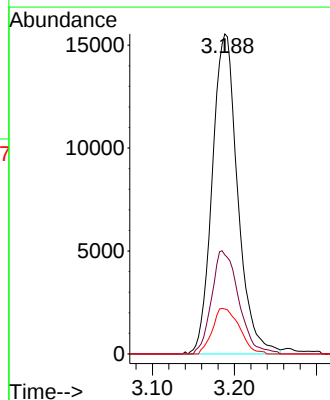
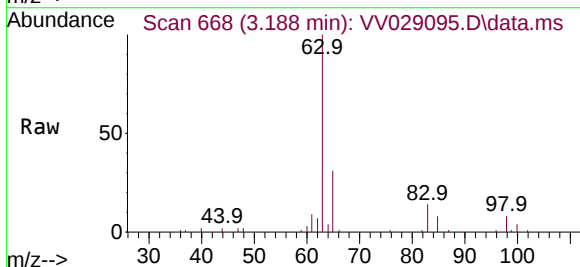
Instrument :
MSVOA_V
ClientSampleId :
H46E0

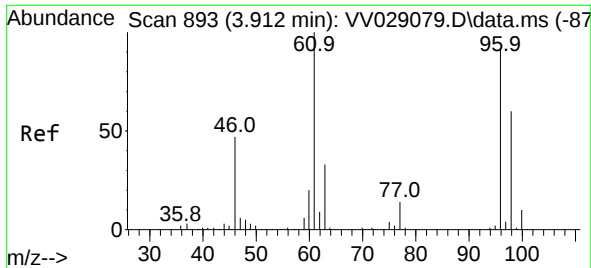
Tgt Ion: 96 Resp: 301989
Ion Ratio Lower Upper
96 100
61 121.9 91.8 170.6
98 64.1 46.4 86.2



#19
1,1-Dichloroethane
Concen: 1.119 ug/L
RT: 3.188 min Scan# 668
Delta R.T. -0.000 min
Lab File: VV029095.D
Acq: 18 Nov 2022 04:13

Tgt Ion: 63 Resp: 33570
Ion Ratio Lower Upper
63 100
65 31.0 23.0 42.6
83 14.1 9.4 17.6

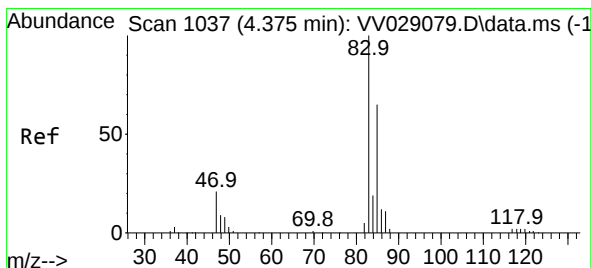
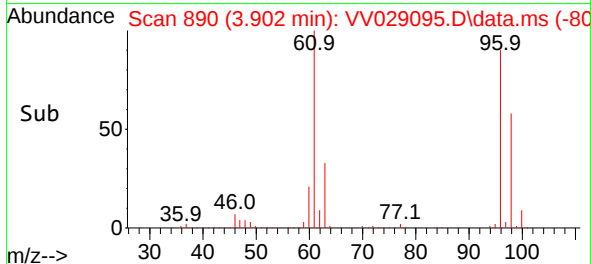
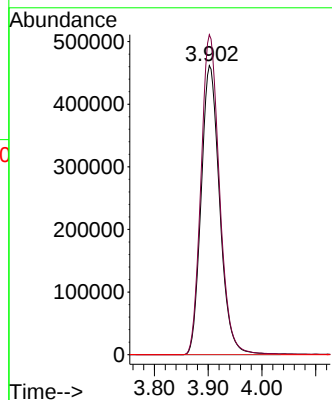
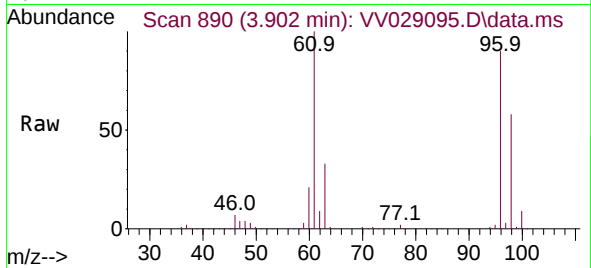




#22
 cis-1,2-Dichloroethene
 Concen: 59.134 ug/L
 RT: 3.902 min Scan# 89
 Delta R.T. -0.010 min
 Lab File: VV029095.D
 Acq: 18 Nov 2022 04:13

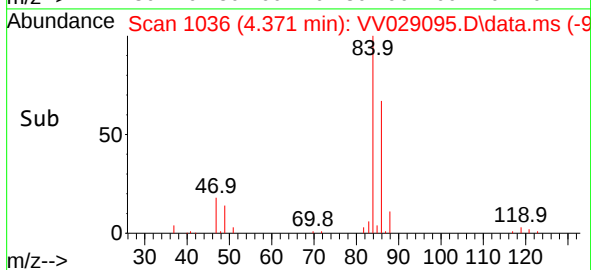
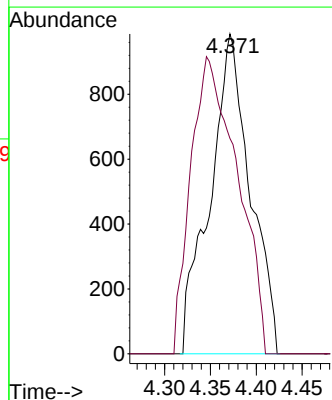
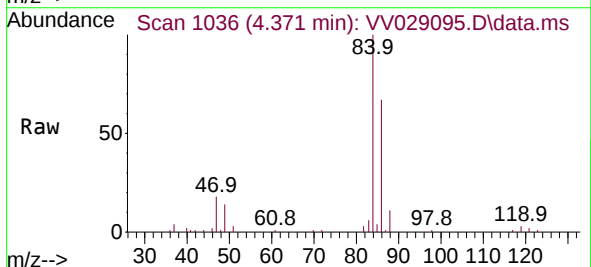
Instrument :
 MSVOA_V
 ClientSampleId :
 H46E0

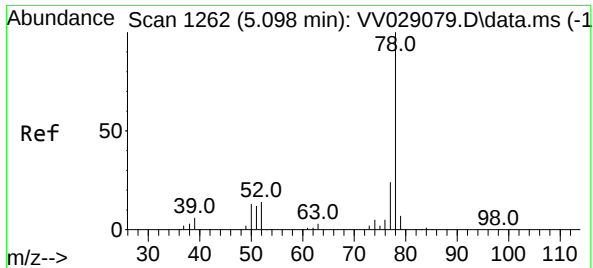
Tgt Ion: 96 Resp: 1102963
 Ion Ratio Lower Upper
 96 100
 61 110.7 82.3 152.9
 68 0.0 0.0 0.0



#25
 Chloroform
 Concen: 0.096 ug/L
 RT: 4.371 min Scan# 1036
 Delta R.T. -0.003 min
 Lab File: VV029095.D
 Acq: 18 Nov 2022 04:13

Tgt Ion: 83 Resp: 3014
 Ion Ratio Lower Upper
 83 100
 85 67.3 43.7 81.1

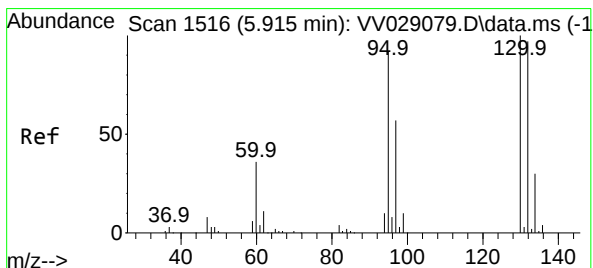
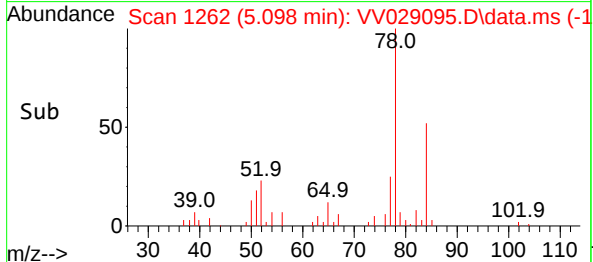
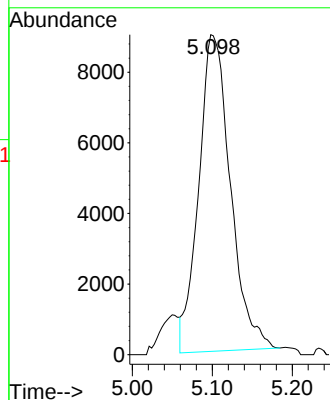
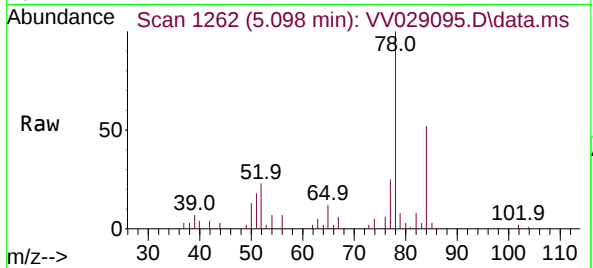




#33
Benzene
Concen: 0.340 ug/L
RT: 5.098 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV029095.D
Acq: 18 Nov 2022 04:13

Instrument :
MSVOA_V
ClientSampleId :
H46E0

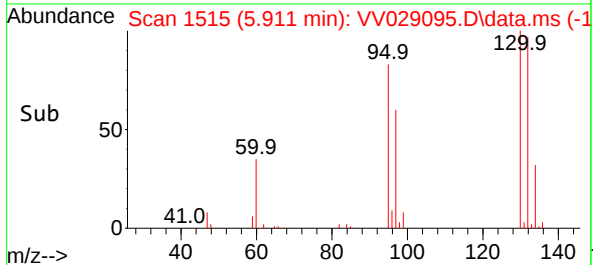
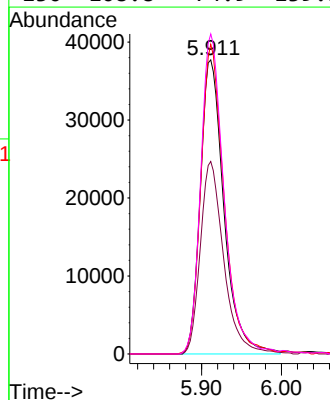
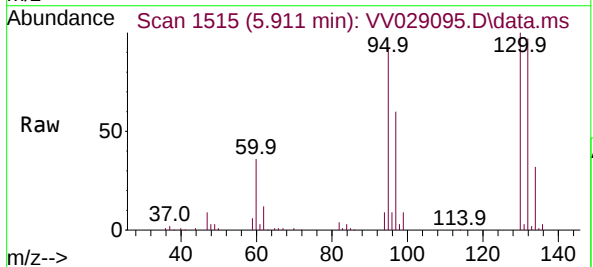
Tgt Ion: 78 Resp: 24725

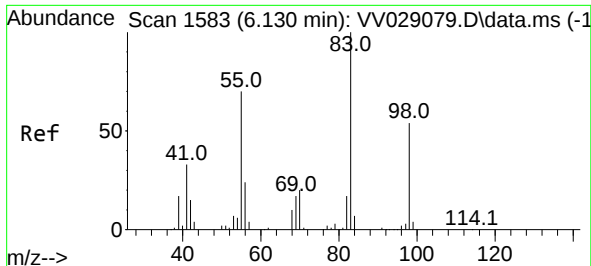


#34
Trichloroethene
Concen: 4.169 ug/L
RT: 5.911 min Scan# 1515
Delta R.T. -0.003 min
Lab File: VV029095.D
Acq: 18 Nov 2022 04:13

Tgt Ion: 95 Resp: 77640

Ion	Ratio	Lower	Upper
95	100		
97	65.5	45.6	84.8
132	105.3	69.1	128.3
130	108.8	74.9	139.1

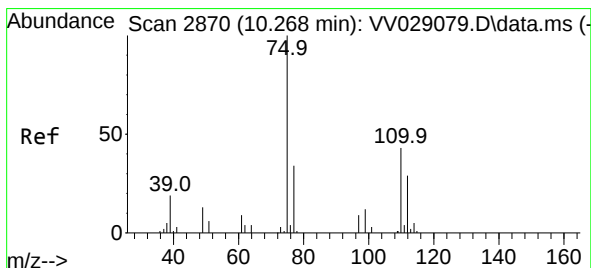
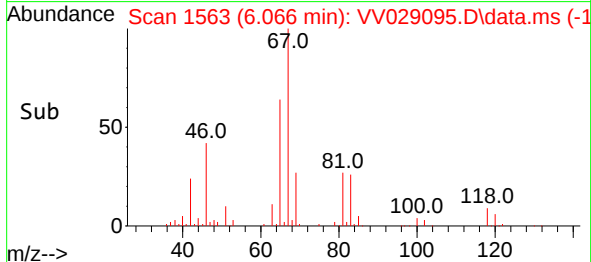
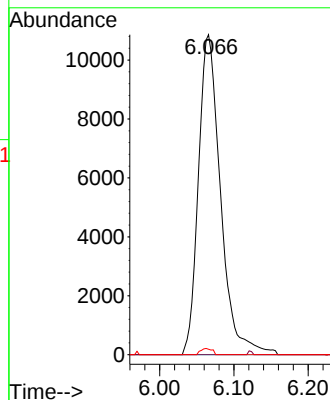
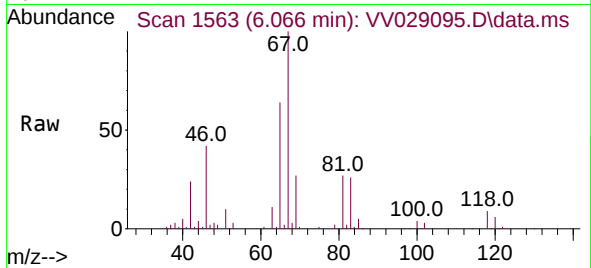




#35
Methylcyclohexane
Concen: 0.689 ug/L
RT: 6.066 min Scan# 11
Delta R.T. -0.064 min
Lab File: VV029095.D
Acq: 18 Nov 2022 04:13

Instrument :
MSVOA_V
ClientSampleId :
H46E0

Tgt Ion: 83 Resp: 22560
Ion Ratio Lower Upper
83 100
55 0.2 55.8 83.6#
98 1.0 38.2 57.2#



#61
1,2,3-Trichloropropane
Concen: 1.465 ug/L
RT: 11.242 min Scan# 3173
Delta R.T. 0.974 min
Lab File: VV029095.D
Acq: 18 Nov 2022 04:13

Tgt Ion: 75 Resp: 11118
Ion Ratio Lower Upper
75 100
77 30.8 26.2 39.2
110 1.5 32.6 48.8#

