

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111722\
 Data File : VW029099.D
 Acq On : 18 Nov 2022 05:51
 Operator : SY/MD
 Sample : N5648-17
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H46F7

Quant Time: Nov 18 08:33:26 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	254975	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	234366	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.243	152	105596	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	56458	3.632	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	72.600%
7) Chloroethane-d5	1.568	69	49988	3.658	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	73.200%
11) 1,1-Dichloroethene-d2	2.105	63	81930	2.892	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	57.800%#
20) 2-Butanone-d5	3.892	46	109716	42.165	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	84.320%
24) Chloroform-d	4.342	84	144106	4.515	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.400%
26) 1,2-Dichloroethane-d4	5.027	65	67258	4.684	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.600%
32) Benzene-d6	5.047	84	305335	4.365	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.200%
36) 1,2-Dichloropropane-d6	6.066	67	88097	4.510	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.200%
41) Toluene-d8	7.310	98	277985	4.414	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.200%
43) trans-1,3-Dichloroprop...	7.622	79	26264	4.122	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.400%
46) 2-Hexanone-d5	8.091	63	117813	43.322	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.640%
56) 1,1,2,2-Tetrachloroeth...	10.210	84	66677	4.923	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.400%
66) 1,2-Dichlorobenzene-d4	11.615	152	103046	5.454	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.000%
Target Compounds						
					Qvalue	
3) Chloromethane	1.240	50	3424	0.194	ug/L #	80
5) Vinyl chloride	1.310	62	6891	0.342	ug/L #	1
6) Bromomethane	1.523	94	573	0.048	ug/L	99
8) Chloroethane	1.404	64	257406	21.770	ug/L #	52
12) 1,1-Dichloroethene	2.114	96	1872	0.121	ug/L #	1
17) Methyl tert-butyl Ether	2.764	73	199164	6.018	ug/L	99
18) trans-1,2-Dichloroethene	2.757	96	53411	2.984	ug/L	92
19) 1,1-Dichloroethane	3.188	63	12368	0.423	ug/L	97
22) cis-1,2-Dichloroethene	3.902	96	470859	25.872	ug/L	93
25) Chloroform	4.368	83	2596	0.085	ug/L #	55
33) Benzene	5.101	78	4222	0.059	ug/L	100
34) Trichloroethene	5.912	95	66202	3.611	ug/L	93
35) Methylcyclohexane	6.066	83	22159	0.688	ug/L #	21
37) 1,2-Dichloropropane	6.063	63	9628	0.583	ug/L #	85
39) cis-1,3-Dichloropropene	6.982	75	1819	0.079	ug/L #	63
61) 1,2,3-Trichloropropane	11.243	75	10349	1.434	ug/L #	63

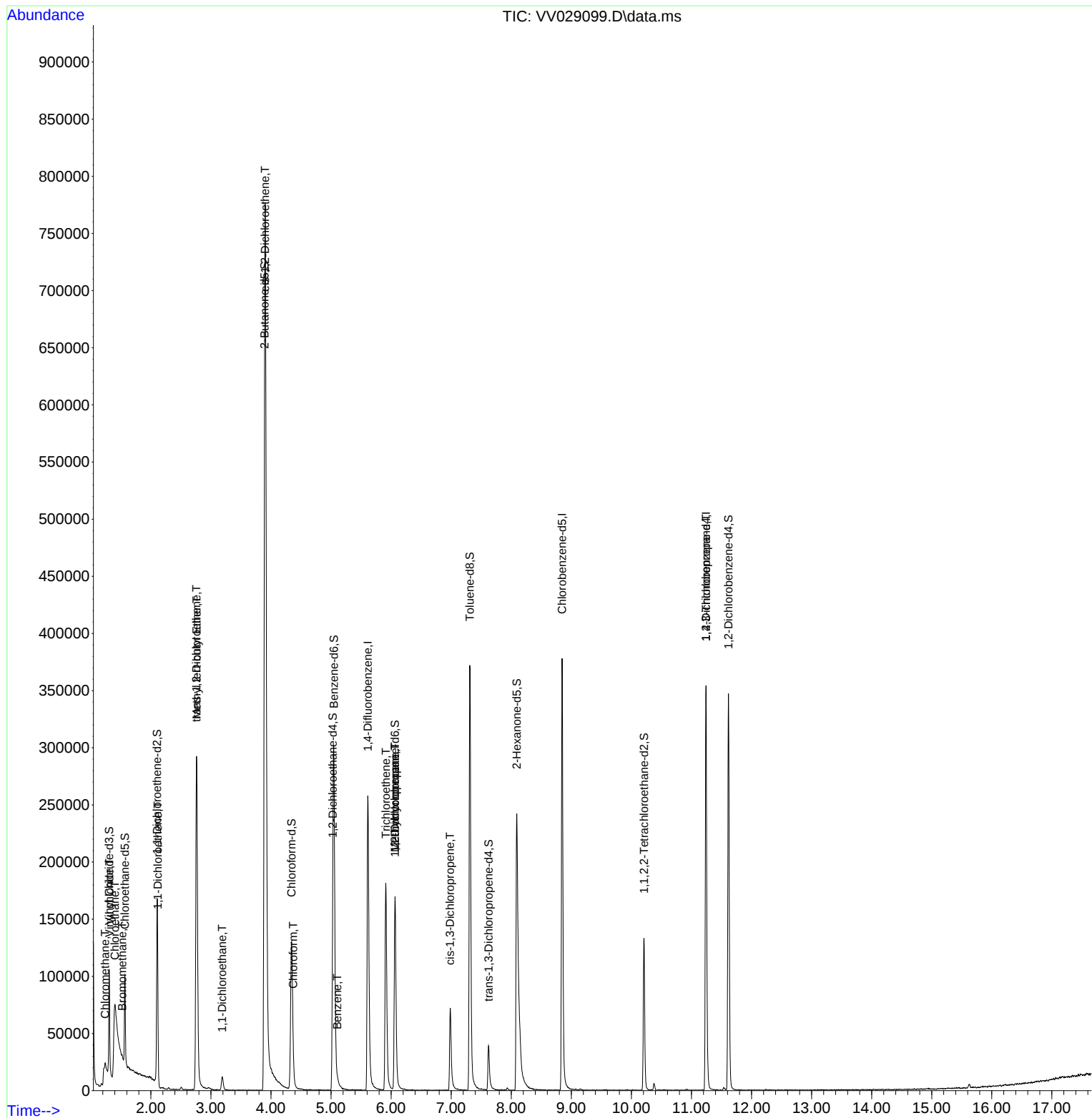
(#) = qualifier out of range (m) = manual integration (+) = signals summed

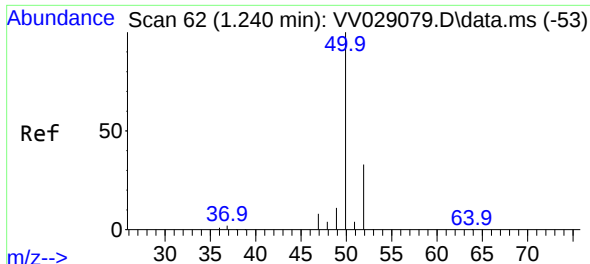
Instrument :
MSVOA_V
ClientSampleId :
H46F7

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111722\
Data File : VV029099.D
Acq On : 18 Nov 2022 05:51
Operator : SY/MD
Sample : N5648-17
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 47 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
H46F7

Quant Time: Nov 18 08:33:26 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

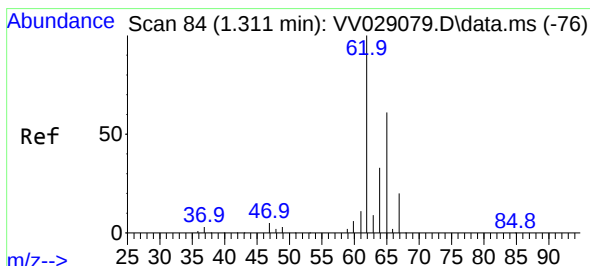
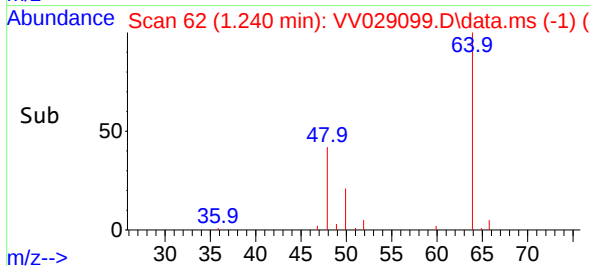
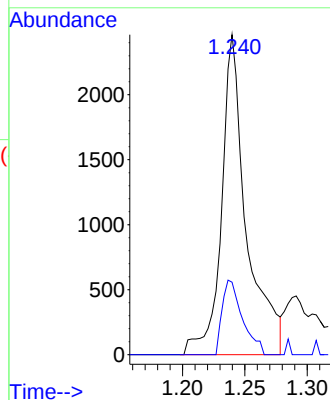
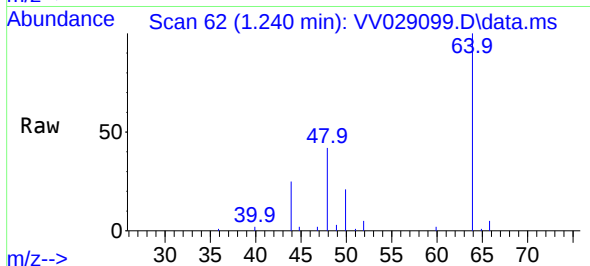




#3
Chloromethane
Concen: 0.194 ug/L
RT: 1.240 min Scan# 61
Delta R.T. -0.000 min
Lab File: VV029099.D
Acq: 18 Nov 2022 05:51

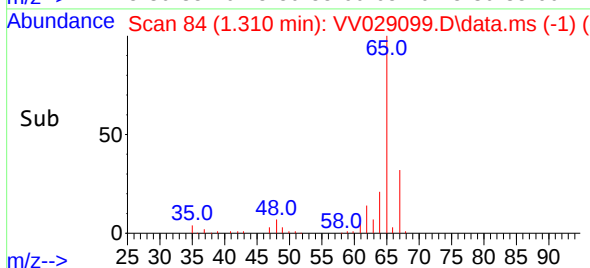
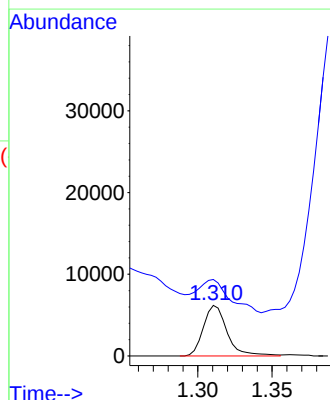
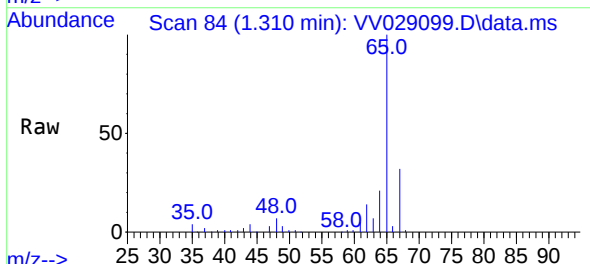
Instrument :
MSVOA_V
ClientSampleId :
H46F7

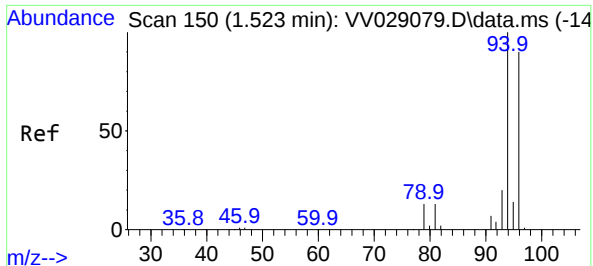
Tgt Ion: 50 Resp: 3424
Ion Ratio Lower Upper
50 100
52 22.6 23.7 43.9#



#5
Vinyl chloride
Concen: 0.342 ug/L
RT: 1.310 min Scan# 84
Delta R.T. -0.000 min
Lab File: VV029099.D
Acq: 18 Nov 2022 05:51

Tgt Ion: 62 Resp: 6891
Ion Ratio Lower Upper
62 100
64 151.0 22.8 42.4#

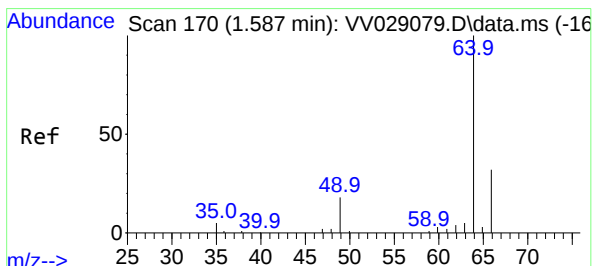
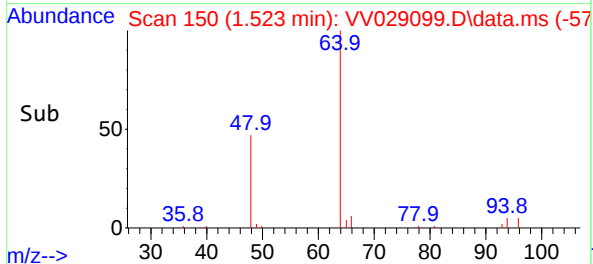
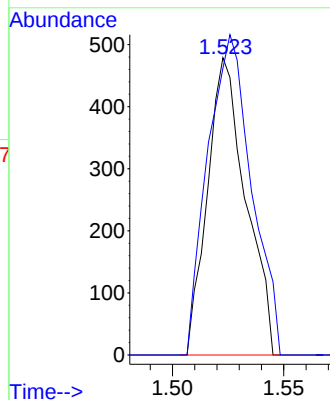
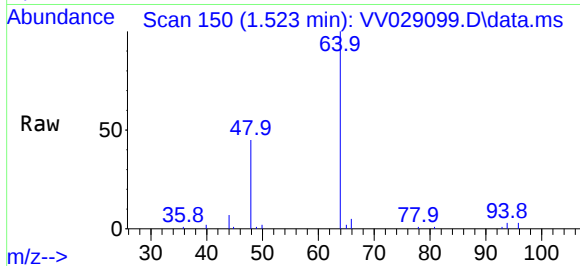




#6
Bromomethane
Concen: 0.048 ug/L
RT: 1.523 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV029099.D
Acq: 18 Nov 2022 05:51

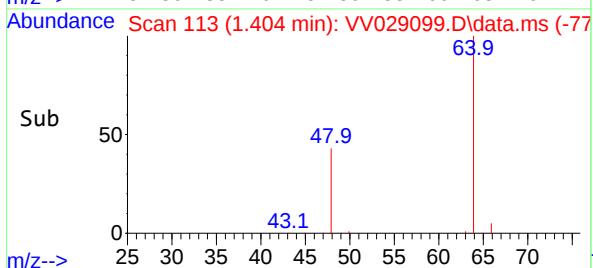
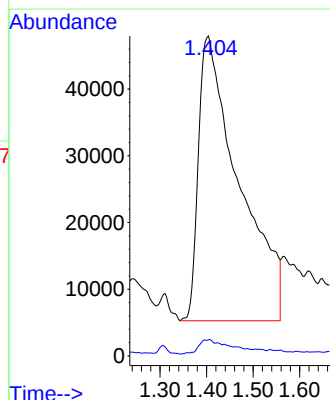
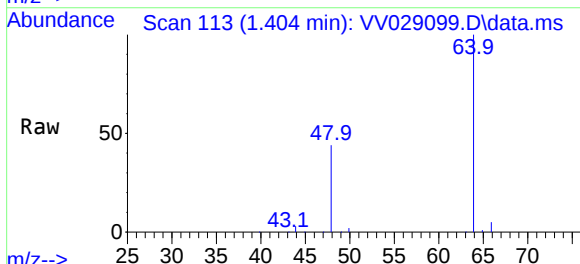
Instrument :
MSVOA_V
ClientSampleId :
H46F7

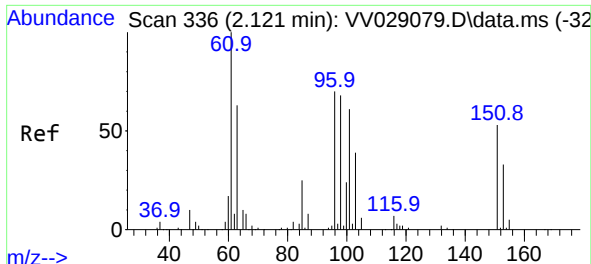
Tgt Ion: 94 Resp: 573
Ion Ratio Lower Upper
94 100
96 96.5 68.5 127.3



#8
Chloroethane
Concen: 21.770 ug/L
RT: 1.404 min Scan# 113
Delta R.T. -0.183 min
Lab File: VV029099.D
Acq: 18 Nov 2022 05:51

Tgt Ion: 64 Resp: 257406
Ion Ratio Lower Upper
64 100
66 5.0 22.0 40.8#

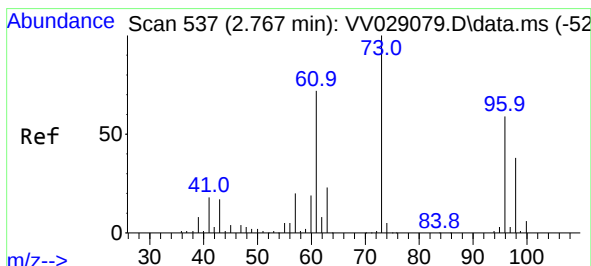
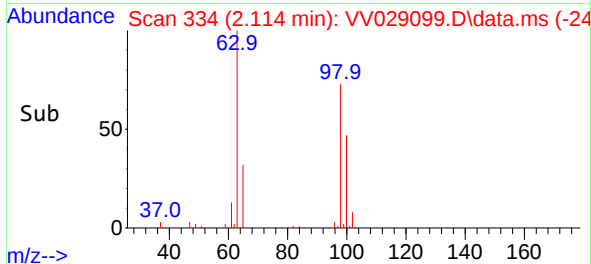
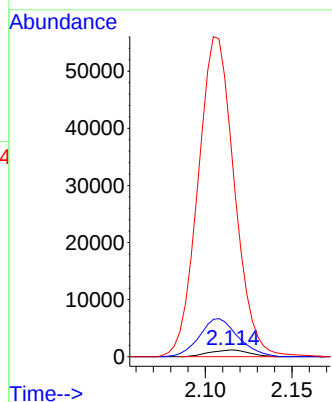
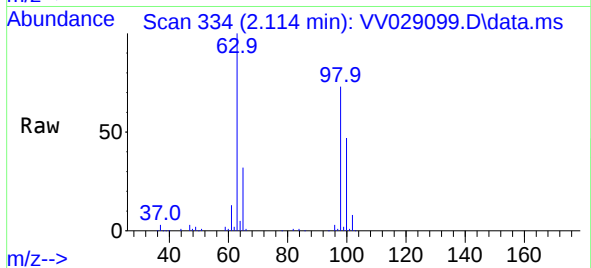




#12
1,1-Dichloroethene
Concen: 0.121 ug/L
RT: 2.114 min Scan# 31
Delta R.T. -0.007 min
Lab File: VV029099.D
Acq: 18 Nov 2022 05:51

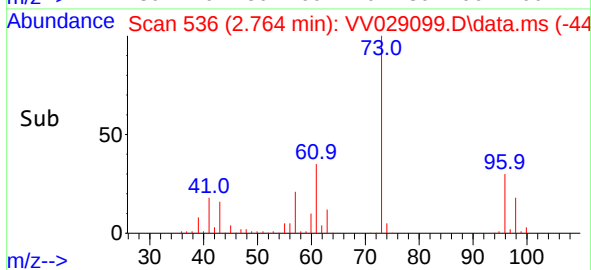
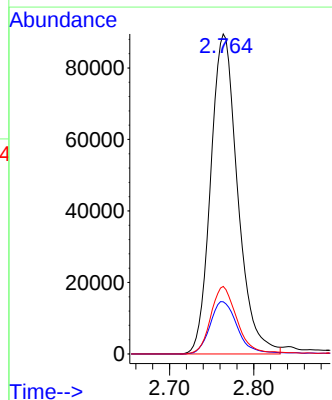
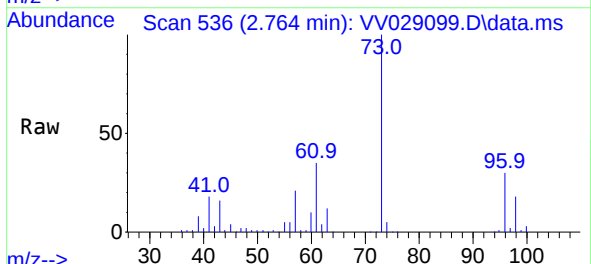
Instrument :
MSVOA_V
ClientSampleId :
H46F7

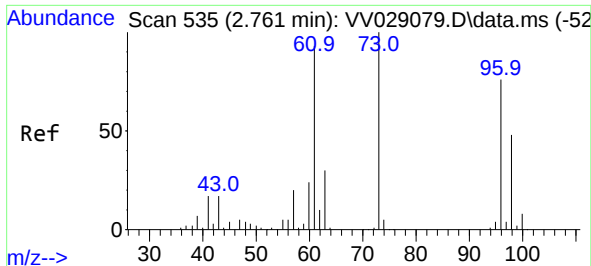
Tgt Ion: 96 Resp: 1872
Ion Ratio Lower Upper
96 100
61 437.0 104.2 193.4#
63 3314.5 75.9 140.9#



#17
Methyl tert-butyl Ether
Concen: 6.018 ug/L
RT: 2.764 min Scan# 536
Delta R.T. -0.003 min
Lab File: VV029099.D
Acq: 18 Nov 2022 05:51

Tgt Ion: 73 Resp: 199164
Ion Ratio Lower Upper
73 100
43 16.7 13.0 19.4
57 20.7 16.6 24.8

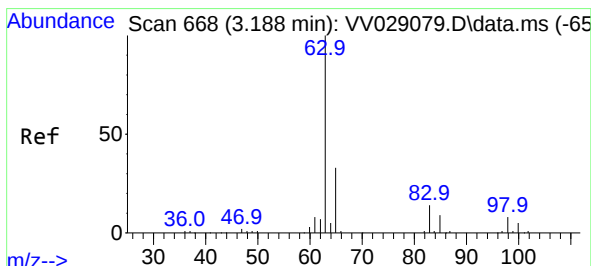
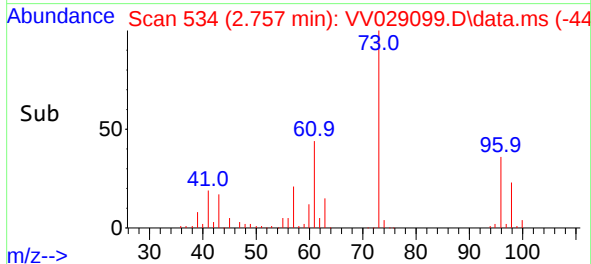
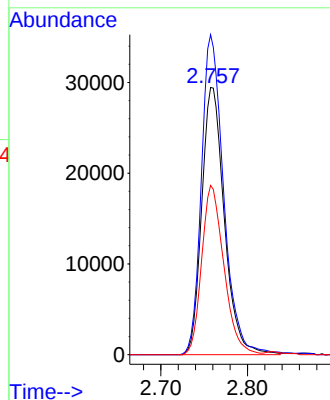
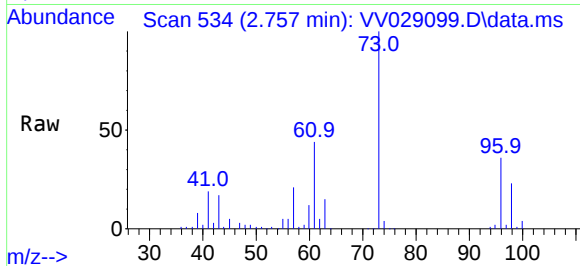




#18
trans-1,2-Dichloroethene
Concen: 2.984 ug/L
RT: 2.757 min Scan# 51
Delta R.T. -0.003 min
Lab File: VV029099.D
Acq: 18 Nov 2022 05:51

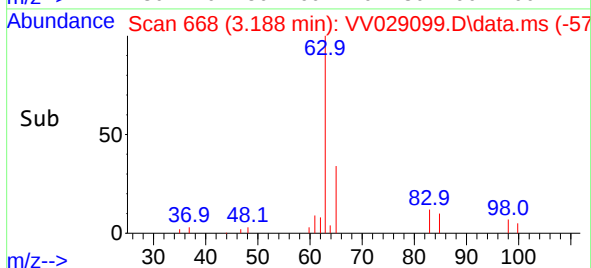
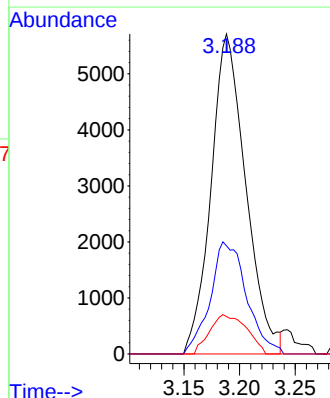
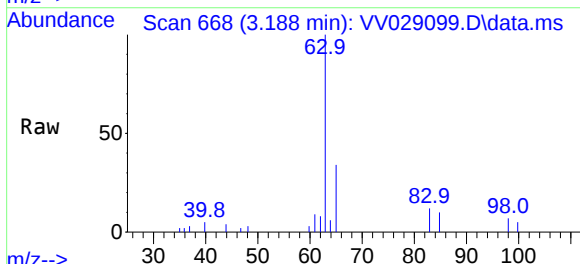
Instrument :
MSVOA_V
ClientSampleId :
H46F7

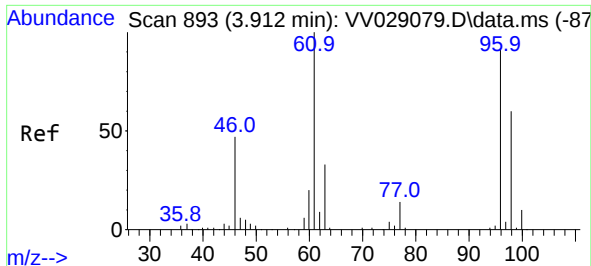
Tgt Ion: 96 Resp: 53411
Ion Ratio Lower Upper
96 100
61 119.8 91.8 170.6
98 63.4 46.4 86.2



#19
1,1-Dichloroethane
Concen: 0.423 ug/L
RT: 3.188 min Scan# 668
Delta R.T. -0.000 min
Lab File: VV029099.D
Acq: 18 Nov 2022 05:51

Tgt Ion: 63 Resp: 12368
Ion Ratio Lower Upper
63 100
65 33.8 23.0 42.6
83 11.7 9.4 17.6

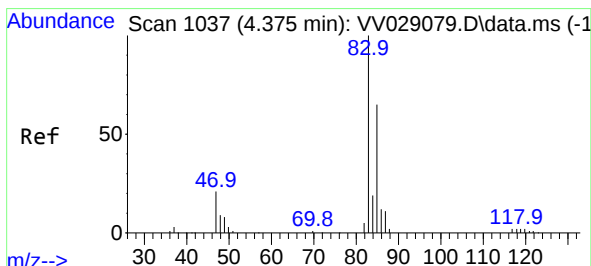
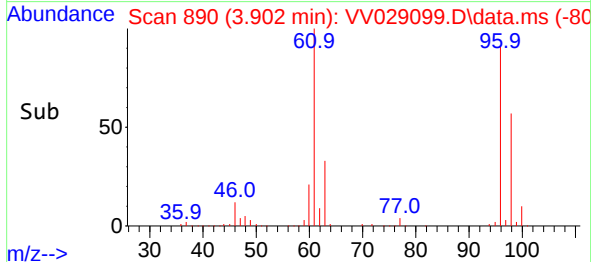
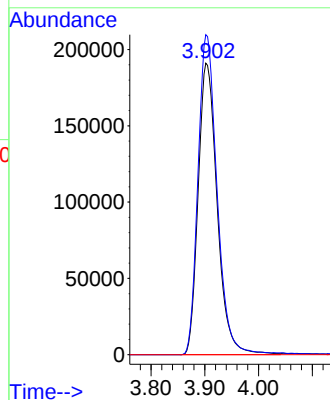
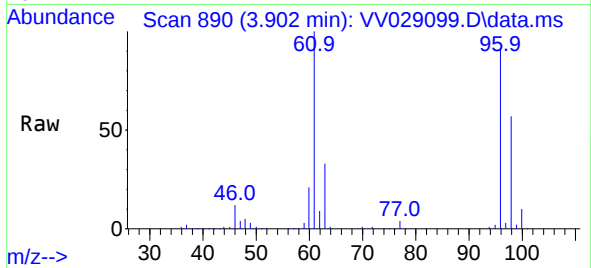




#22
cis-1,2-Dichloroethene
Concen: 25.872 ug/L
RT: 3.902 min Scan# 89
Delta R.T. -0.010 min
Lab File: VV029099.D
Acq: 18 Nov 2022 05:51

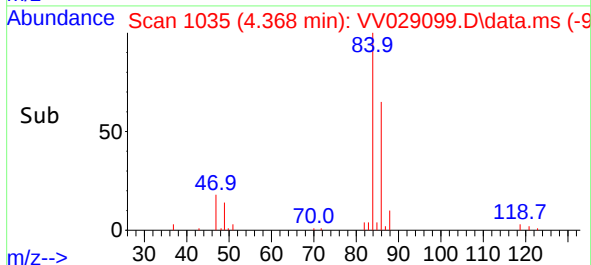
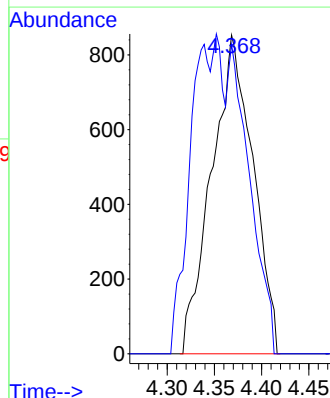
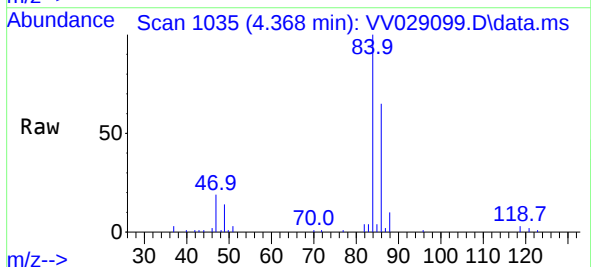
Instrument :
MSVOA_V
ClientSampleId :
H46F7

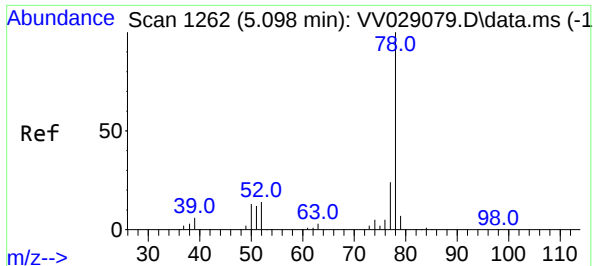
Tgt Ion: 96 Resp: 470859
Ion Ratio Lower Upper
96 100
61 109.7 82.3 152.9
68 0.0 0.0 0.0



#25
Chloroform
Concen: 0.085 ug/L
RT: 4.368 min Scan# 1035
Delta R.T. -0.007 min
Lab File: VV029099.D
Acq: 18 Nov 2022 05:51

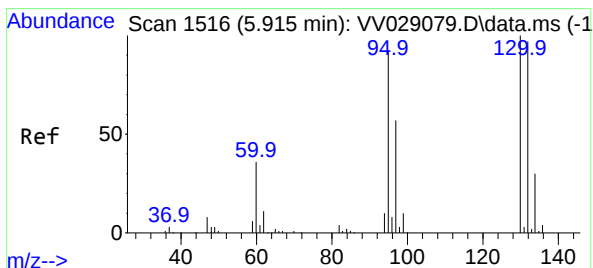
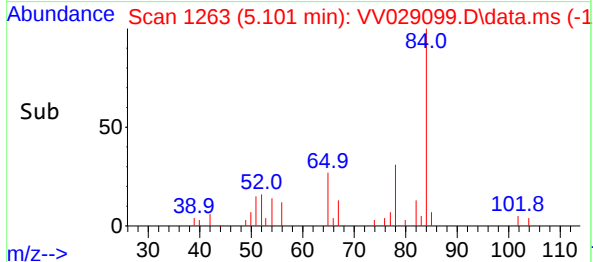
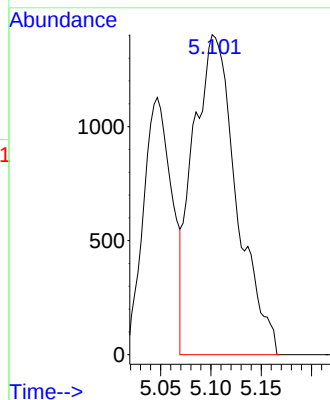
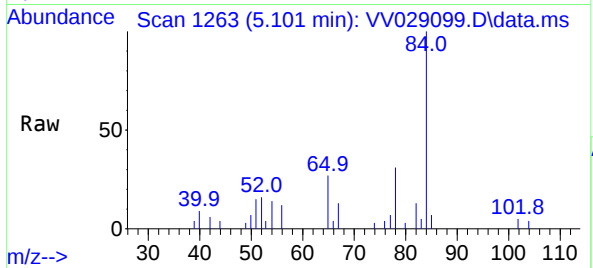
Tgt Ion: 83 Resp: 2596
Ion Ratio Lower Upper
83 100
85 97.1 43.7 81.1#





#33
Benzene
Concen: 0.059 ug/L
RT: 5.101 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV029099.D
Acq: 18 Nov 2022 05:51
Tgt Ion: 78 Resp: 4222

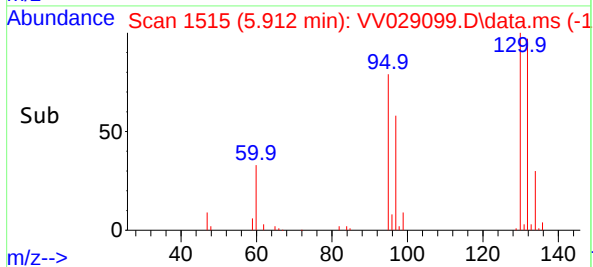
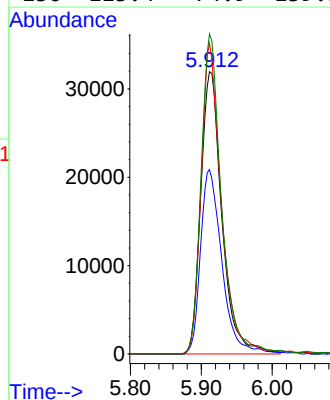
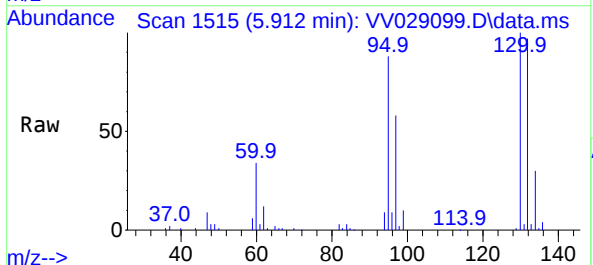
Instrument :
MSVOA_V
ClientSampleId :
H46F7

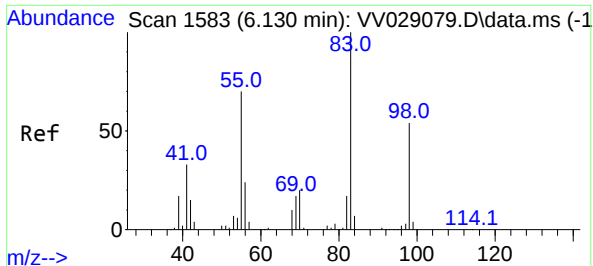


#34
Trichloroethene
Concen: 3.611 ug/L
RT: 5.912 min Scan# 1515
Delta R.T. -0.003 min
Lab File: VV029099.D
Acq: 18 Nov 2022 05:51

Tgt Ion: 95 Resp: 66202

Ion	Ratio	Lower	Upper
95	100		
97	65.3	45.6	84.8
132	110.2	69.1	128.3
130	113.4	74.9	139.1

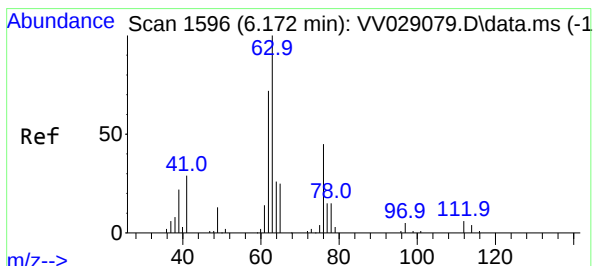
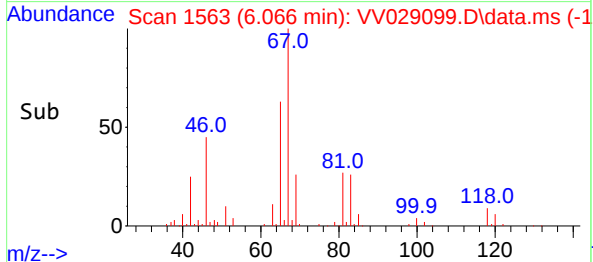
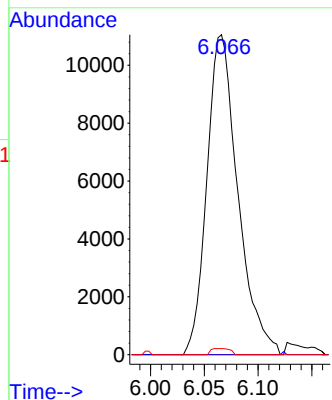
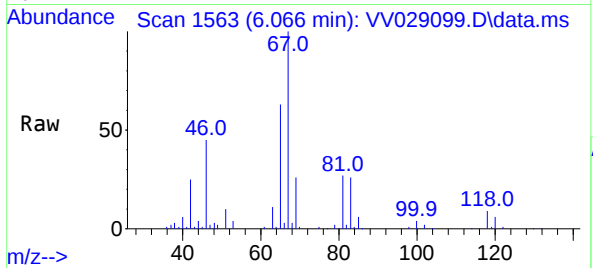




#35
Methylcyclohexane
Concen: 0.688 ug/L
RT: 6.066 min Scan# 11
Delta R.T. -0.064 min
Lab File: VV029099.D
Acq: 18 Nov 2022 05:51

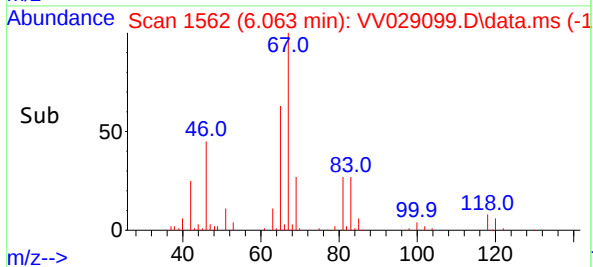
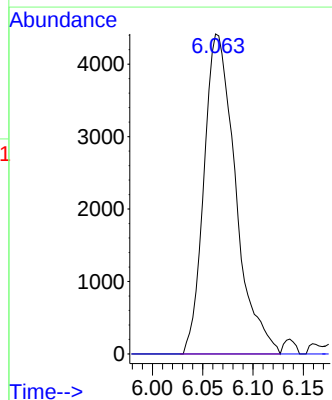
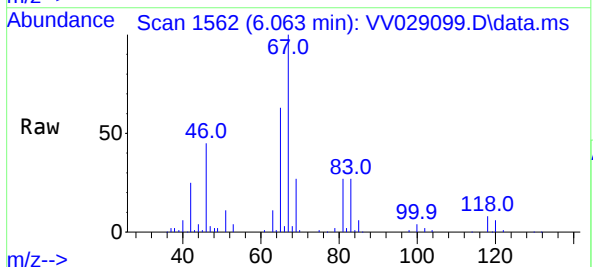
Instrument :
MSVOA_V
ClientSampleId :
H46F7

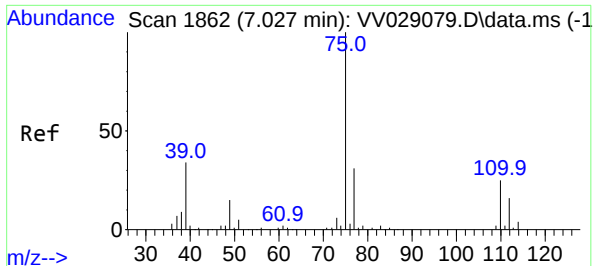
Tgt Ion: 83 Resp: 22159
Ion Ratio Lower Upper
83 100
55 0.1 55.8 83.6#
98 1.2 38.2 57.2#



#37
1,2-Dichloropropane
Concen: 0.583 ug/L
RT: 6.063 min Scan# 1562
Delta R.T. -0.109 min
Lab File: VV029099.D
Acq: 18 Nov 2022 05:51

Tgt Ion: 63 Resp: 9628
Ion Ratio Lower Upper
63 100
112 0.0 4.0 6.0#





#39

cis-1,3-Dichloropropene

Concen: 0.079 ug/L

RT: 6.982 min Scan# 11

Delta R.T. -0.045 min

Lab File: VV029099.D

Acq: 18 Nov 2022 05:51

Instrument :

MSVOA_V

ClientSampleId :

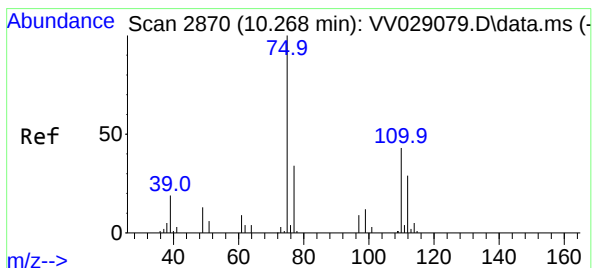
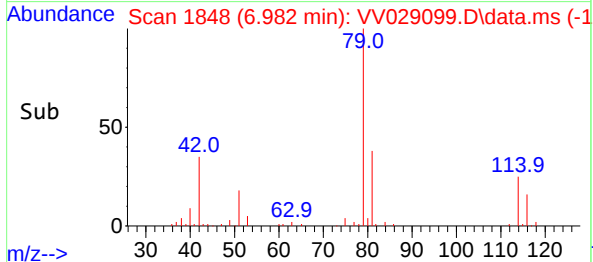
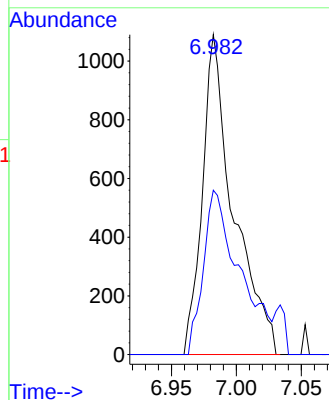
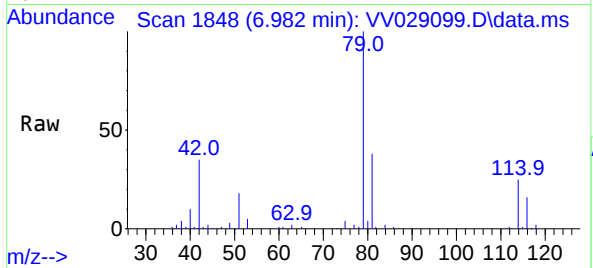
H46F7

Tgt Ion: 75 Resp: 1819

Ion Ratio Lower Upper

75 100

77 51.4 21.8 40.6#



#61

1,2,3-Trichloropropane

Concen: 1.434 ug/L

RT: 11.243 min Scan# 3173

Delta R.T. 0.974 min

Lab File: VV029099.D

Acq: 18 Nov 2022 05:51

Tgt Ion: 75 Resp: 10349

Ion Ratio Lower Upper

75 100

77 29.1 26.2 39.2

110 1.8 32.6 48.8#

