

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW100322\
 Data File : VW028278.D
 Acq On : 03 Oct 2022 15:09
 Operator : SY/MD
 Sample : N4730-12
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 04 02:43:55 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100322WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Oct 04 02:28:45 2022
 Response via : Initial Calibration

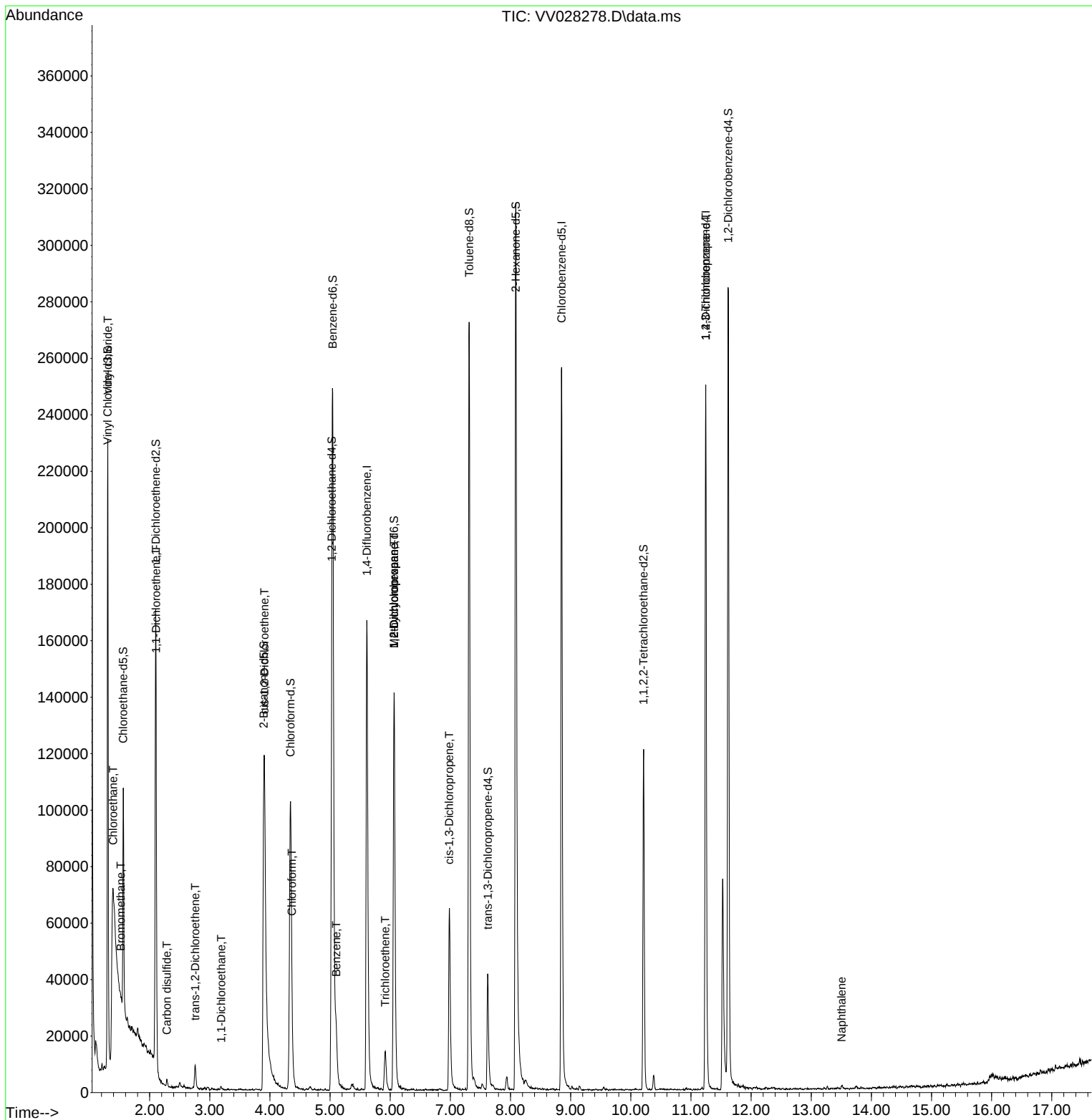
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

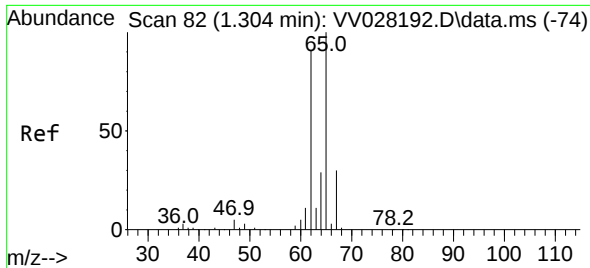
Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	155270	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	156087	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	73546	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	59094	5.065	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	101.400%
7) Chloroethane-d5	1.561	69	51179	5.182	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	103.600%
11) 1,1-Dichloroethene-d2	2.101	63	81785	3.719	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.400%
20) 2-Butanone-d5	3.899	46	129714	65.712	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	131.420%#
24) Chloroform-d	4.342	84	112910	5.342	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.800%
26) 1,2-Dichloroethane-d4	5.027	65	59577	6.080	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	121.600%
32) Benzene-d6	5.043	84	238380	5.567	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	111.400%
36) 1,2-Dichloropropane-d6	6.066	67	73560	5.989	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	119.800%
41) Toluene-d8	7.313	98	197134	5.006	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.200%
43) trans-1,3-Dichloroprop...	7.622	79	27338	5.844	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	116.800%
46) 2-Hexanone-d5	8.088	63	127289	66.477	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	132.960%#
56) 1,1,2,2-Tetrachloroeth...	10.214	84	61423	6.597	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	132.000%#
66) 1,2-Dichlorobenzene-d4	11.619	152	79176	6.255	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	125.200%#
Target Compounds			Qvalue			
5) Vinyl chloride	1.304	62	89602	6.723	ug/L	100
6) Bromomethane	1.519	94	534	0.084	ug/L	85
8) Chloroethane	1.394	64	270132	30.411	ug/L #	51
12) 1,1-Dichloroethene	2.108	96	977	0.088	ug/L #	1
14) Carbon disulfide	2.285	76	3246	0.094	ug/L #	94
18) trans-1,2-Dichloroethene	2.757	96	3122	0.269	ug/L	90
19) 1,1-Dichloroethane	3.191	63	955	0.048	ug/L #	80
22) cis-1,2-Dichloroethene	3.908	96	45601	3.903	ug/L	90
25) Chloroform	4.365	83	4022	0.186	ug/L	92
33) Benzene	5.101	78	22532	0.485	ug/L	100
34) Trichloroethene	5.918	95	5081	0.437	ug/L	92
35) Methylcyclohexane	6.066	83	17791	0.937	ug/L #	16
37) 1,2-Dichloropropane	6.066	63	8021	0.745	ug/L #	87
39) cis-1,3-Dichloropropene	6.982	75	1636	0.107	ug/L #	42
61) 1,2,3-Trichloropropane	11.246	75	6744	1.188	ug/L #	68
71) Naphthalene	13.506	128	1534	0.074	ug/L #	70

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

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Oct 04 02:43:55 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100322WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Oct 04 02:28:45 2022
Response via : Initial Calibration

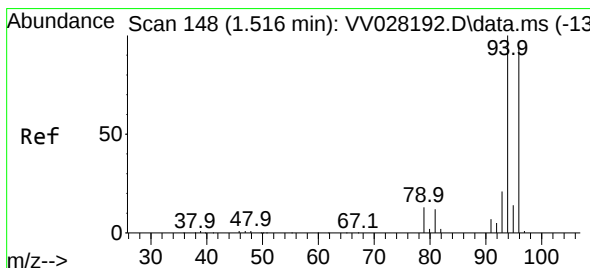
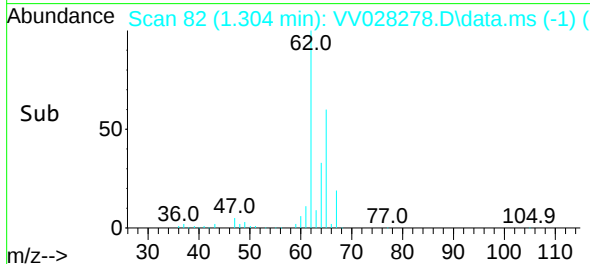
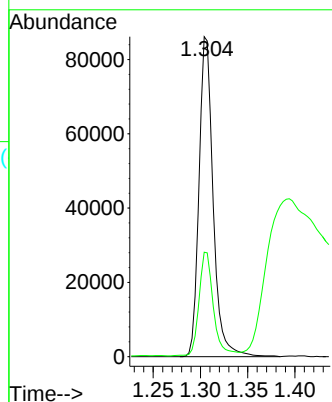
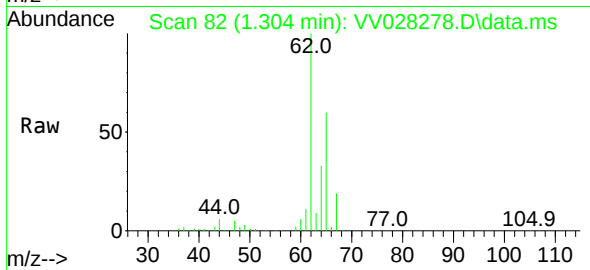




#5
 Vinyl chloride
 Concen: 6.723 ug/L
 RT: 1.304 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VV028278.D
 Acq: 03 Oct 2022 15:09

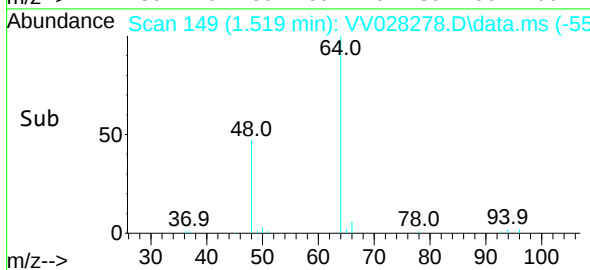
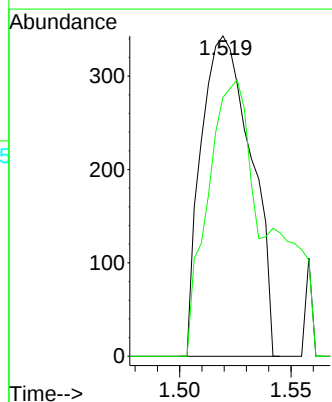
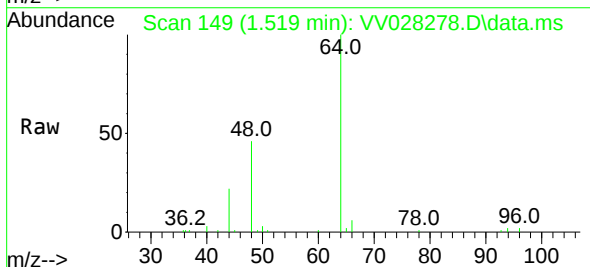
Instrument :
 MSVOA_V
 ClientSampleId :

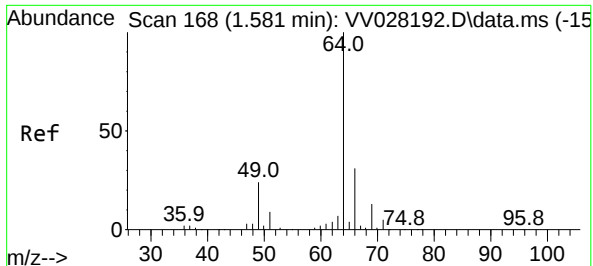
Tgt Ion: 62 Resp: 89602
 Ion Ratio Lower Upper
 62 100
 64 32.7 23.0 42.8



#6
 Bromomethane
 Concen: 0.084 ug/L
 RT: 1.519 min Scan# 149
 Delta R.T. 0.003 min
 Lab File: VV028278.D
 Acq: 03 Oct 2022 15:09

Tgt Ion: 94 Resp: 534
 Ion Ratio Lower Upper
 94 100
 96 80.8 66.7 123.9

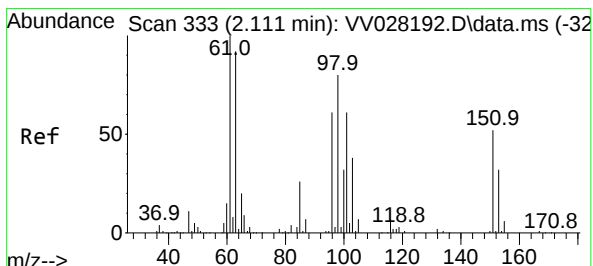
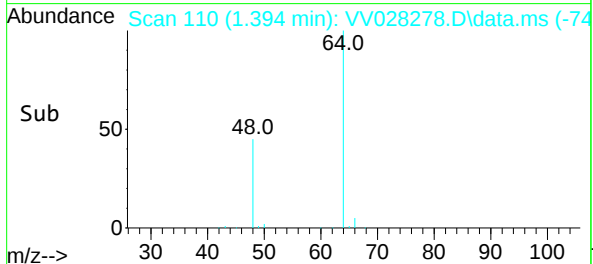
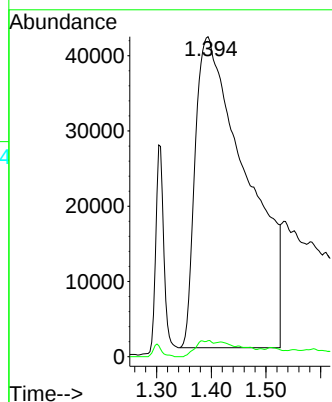
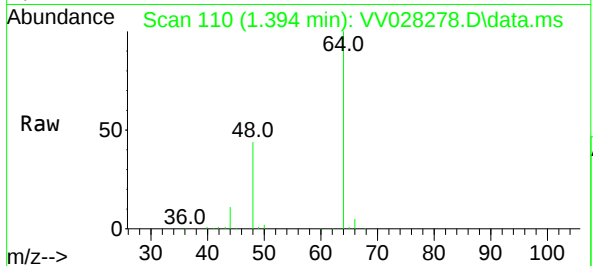




#8
Chloroethane
Concen: 30.411 ug/L
RT: 1.394 min Scan# 11
Delta R.T. -0.183 min
Lab File: VV028278.D
Acq: 03 Oct 2022 15:09

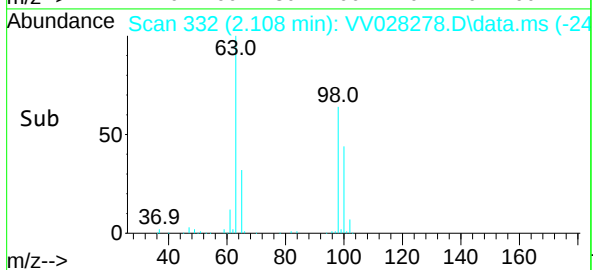
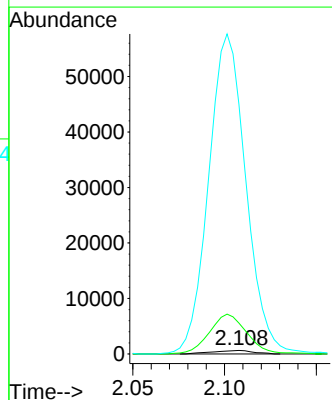
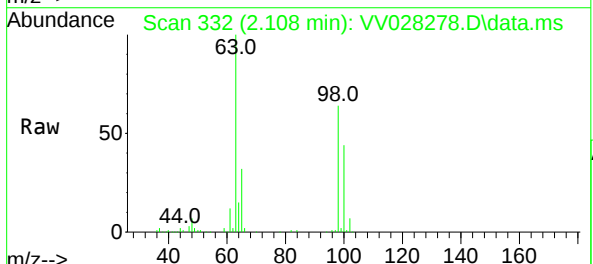
Instrument :
MSVOA_V
ClientSampleId :

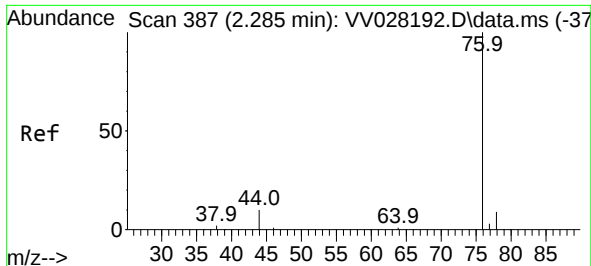
Tgt Ion: 64 Resp: 270132
Ion Ratio Lower Upper
64 100
66 5.0 23.0 42.8#



#12
1,1-Dichloroethene
Concen: 0.088 ug/L
RT: 2.108 min Scan# 332
Delta R.T. -0.003 min
Lab File: VV028278.D
Acq: 03 Oct 2022 15:09

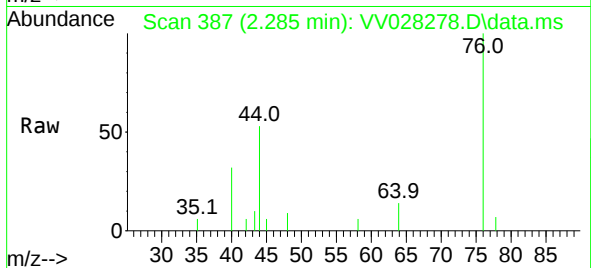
Tgt Ion: 96 Resp: 977
Ion Ratio Lower Upper
96 100
61 858.2 128.3 238.3#
63 6945.7 112.7 209.3#



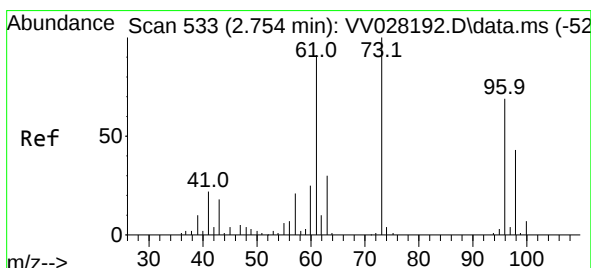
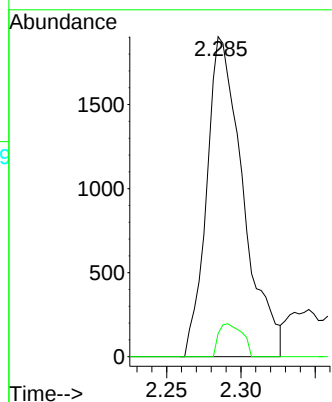
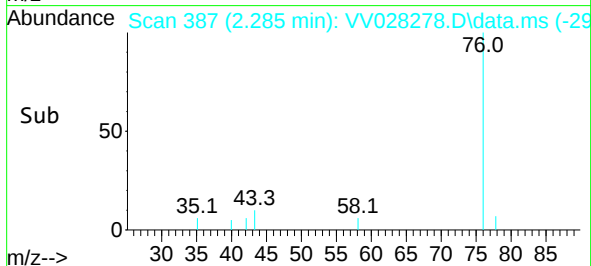


#14
Carbon disulfide
Concen: 0.094 ug/L
RT: 2.285 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV028278.D
Acq: 03 Oct 2022 15:09

Instrument :
MSVOA_V
ClientSampleId :

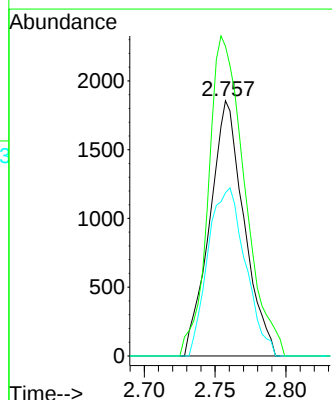
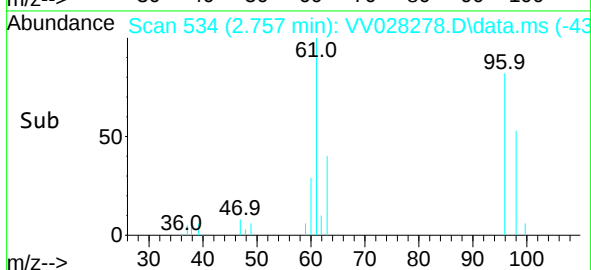
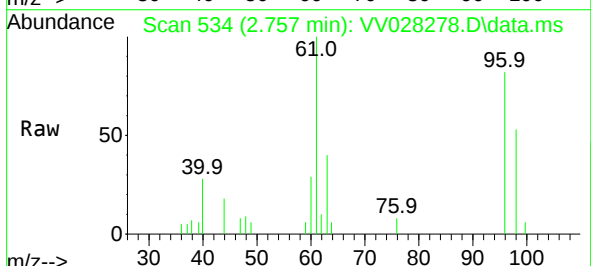


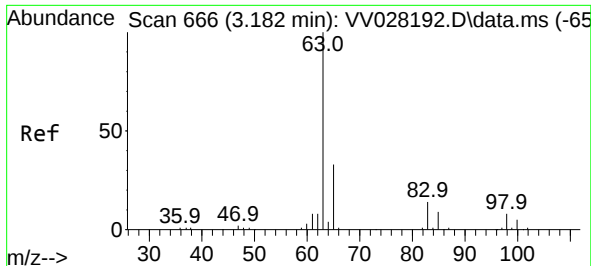
Tgt Ion: 76 Resp: 3246
Ion Ratio Lower Upper
76 100
78 7.2 7.6 11.4#



#18
trans-1,2-Dichloroethene
Concen: 0.269 ug/L
RT: 2.757 min Scan# 534
Delta R.T. 0.007 min
Lab File: VV028278.D
Acq: 03 Oct 2022 15:09

Tgt Ion: 96 Resp: 3122
Ion Ratio Lower Upper
96 100
61 121.4 96.2 178.6
98 64.0 45.7 84.9





#19

1,1-Dichloroethane

Concen: 0.048 ug/L

RT: 3.191 min Scan# 666

Delta R.T. 0.010 min

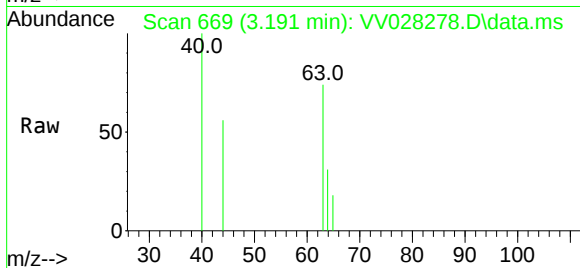
Lab File: VV028278.D

Acq: 03 Oct 2022 15:09

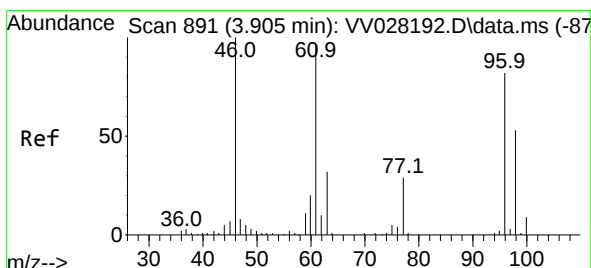
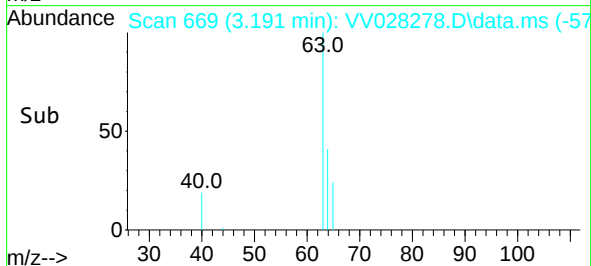
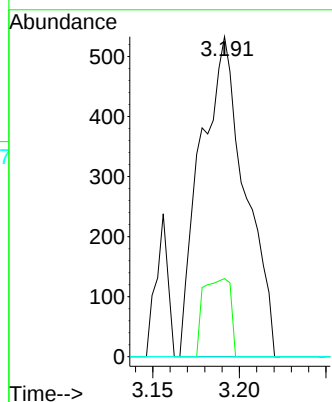
Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 63	Resp: 955
Ion Ratio	Lower Upper
63	100
65	24.4 23.0 42.8
83	0.0 9.2 17.2#



#22

cis-1,2-Dichloroethene

Concen: 3.903 ug/L

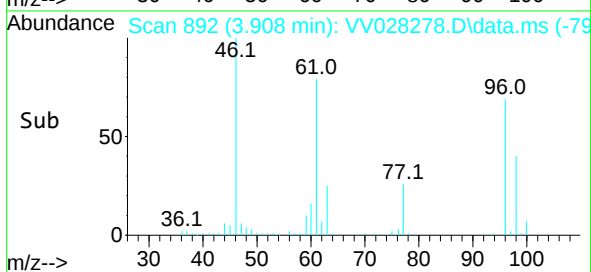
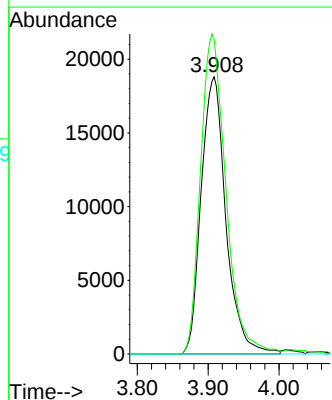
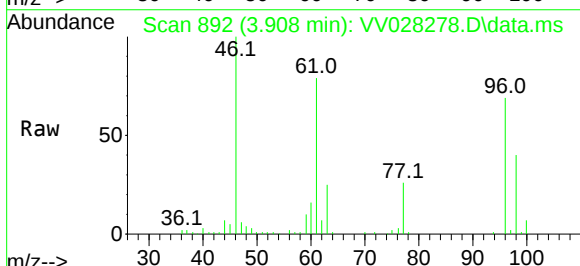
RT: 3.908 min Scan# 892

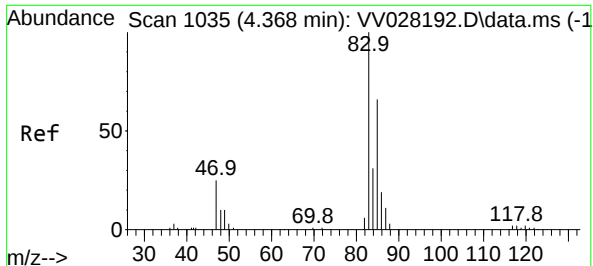
Delta R.T. 0.003 min

Lab File: VV028278.D

Acq: 03 Oct 2022 15:09

Tgt Ion: 96	Resp: 45601
Ion Ratio	Lower Upper
96	100
61	113.6 87.2 161.9
68	0.0 0.0 0.0





#25

Chloroform

Concen: 0.186 ug/L

RT: 4.365 min Scan# 1034

Delta R.T. -0.003 min

Lab File: VV028278.D

Acq: 03 Oct 2022 15:09

Instrument :

MSVOA_V

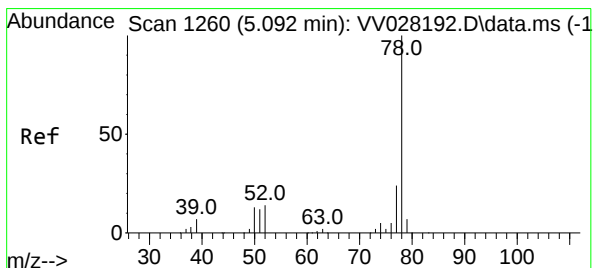
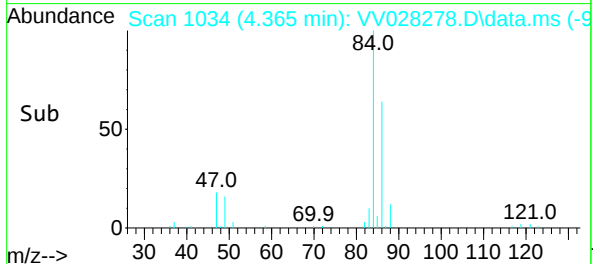
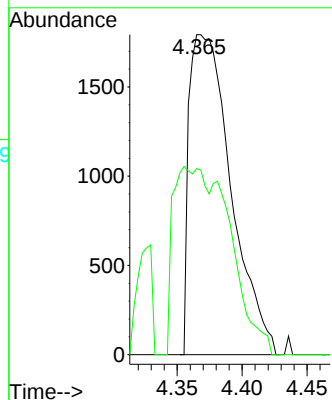
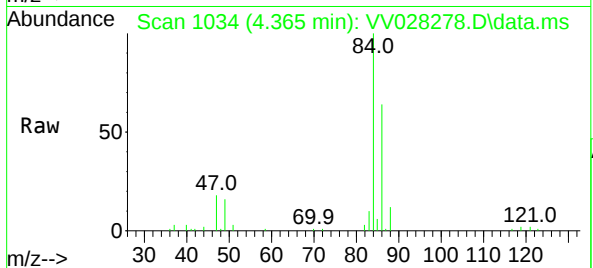
ClientSampleId :

Tgt Ion: 83 Resp: 4022

Ion Ratio Lower Upper

83 100

85 58.2 45.1 83.7



#33

Benzene

Concen: 0.485 ug/L

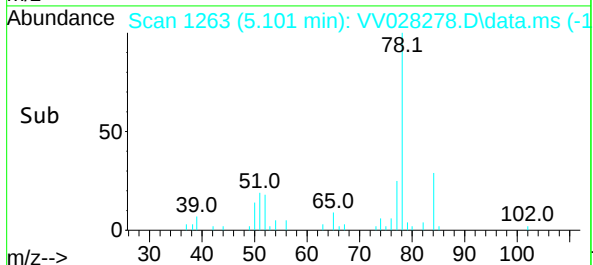
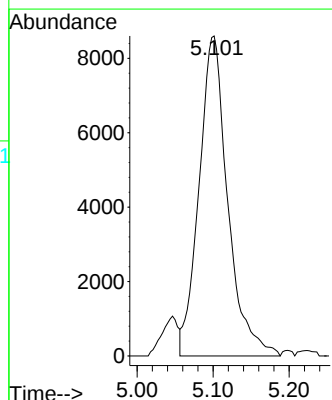
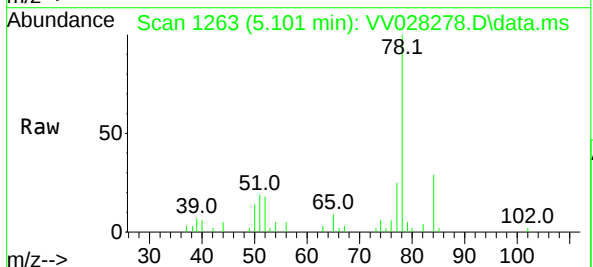
RT: 5.101 min Scan# 1263

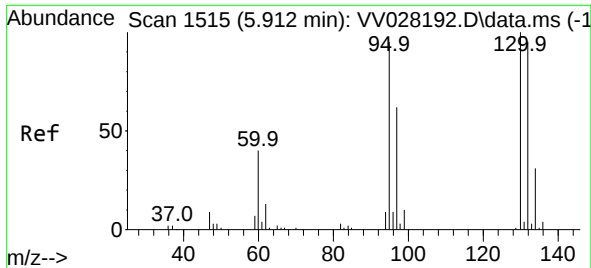
Delta R.T. 0.010 min

Lab File: VV028278.D

Acq: 03 Oct 2022 15:09

Tgt Ion: 78 Resp: 22532



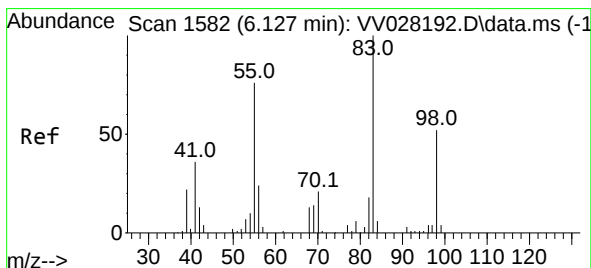
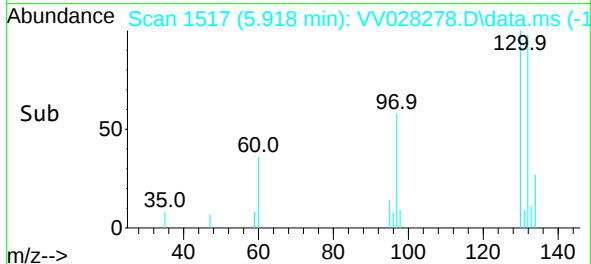
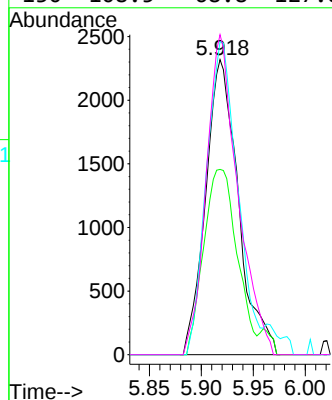
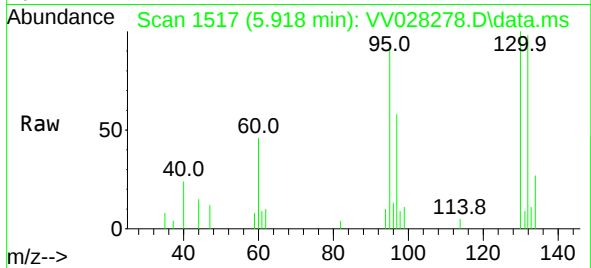


#34
 Trichloroethene
 Concen: 0.437 ug/L
 RT: 5.918 min Scan# 11
 Delta R.T. 0.010 min
 Lab File: VV028278.D
 Acq: 03 Oct 2022 15:09

Instrument :
 MSVOA_V
 ClientSampleId :

Tgt Ion: 95 Resp: 5081

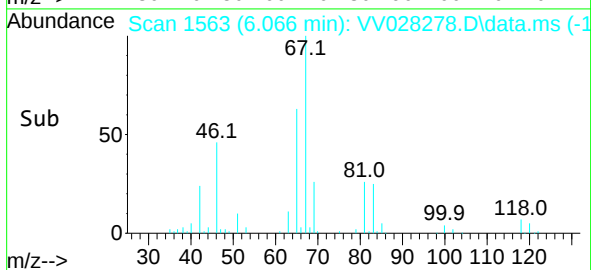
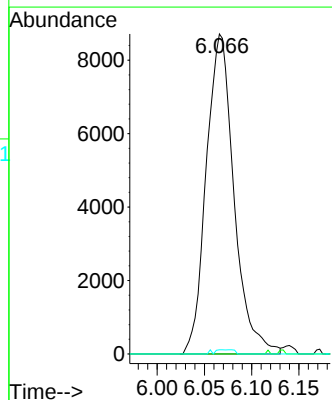
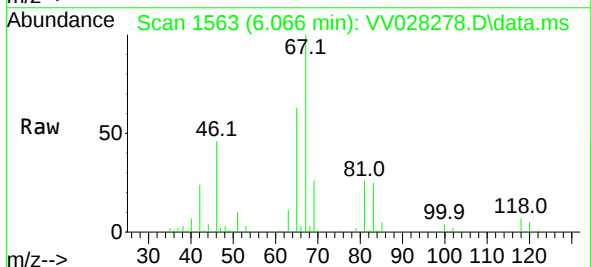
Ion	Ratio	Lower	Upper
95	100		
97	62.8	44.2	82.0
132	106.1	67.8	126.0
130	108.5	68.8	127.8

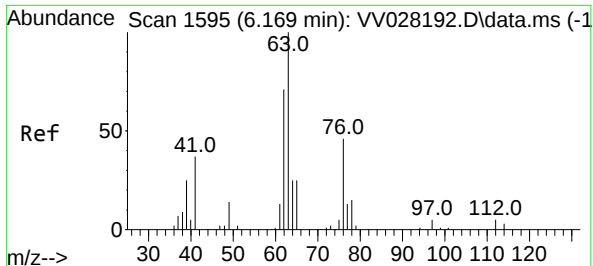


#35
 Methylcyclohexane
 Concen: 0.937 ug/L
 RT: 6.066 min Scan# 1563
 Delta R.T. -0.058 min
 Lab File: VV028278.D
 Acq: 03 Oct 2022 15:09

Tgt Ion: 83 Resp: 17791

Ion	Ratio	Lower	Upper
83	100		
55	0.0	64.7	97.1#
98	0.1	39.5	59.3#





#37

1,2-Dichloropropane

Concen: 0.745 ug/L

RT: 6.066 min Scan# 11

Delta R.T. -0.103 min

Lab File: VV028278.D

Acq: 03 Oct 2022 15:09

Instrument :

MSVOA_V

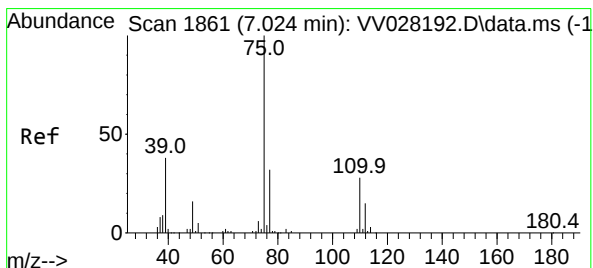
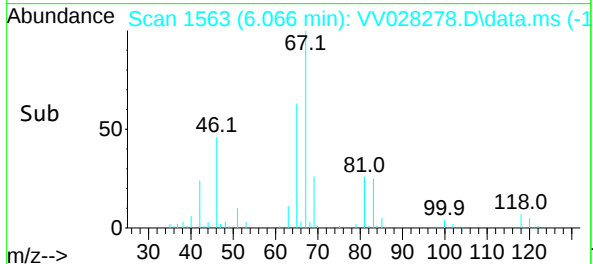
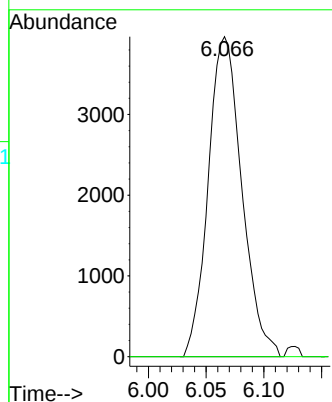
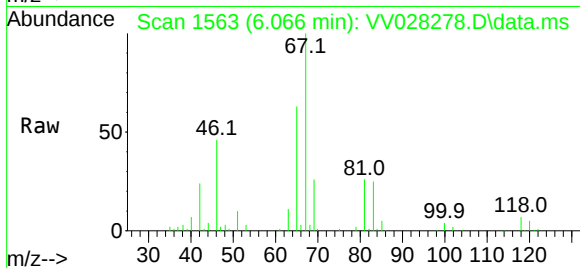
ClientSampleId :

Tgt Ion: 63 Resp: 8021

Ion Ratio Lower Upper

63 100

112 0.0 3.5 5.3#



#39

cis-1,3-Dichloropropene

Concen: 0.107 ug/L

RT: 6.982 min Scan# 1848

Delta R.T. -0.042 min

Lab File: VV028278.D

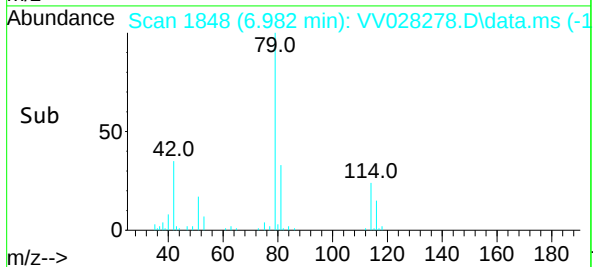
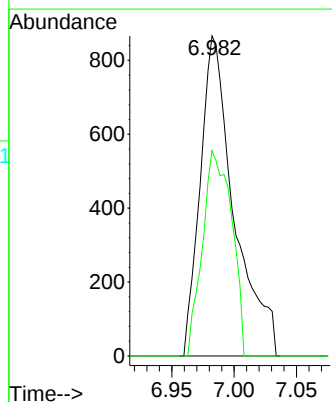
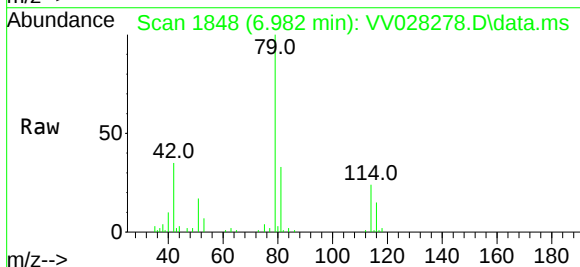
Acq: 03 Oct 2022 15:09

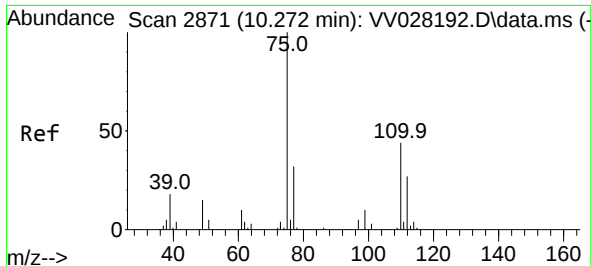
Tgt Ion: 75 Resp: 1636

Ion Ratio Lower Upper

75 100

77 64.2 22.4 41.6#

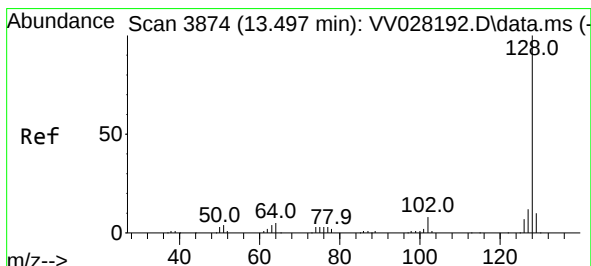
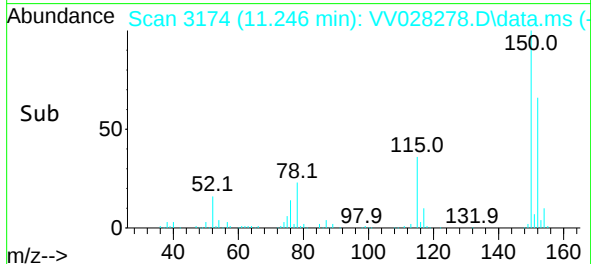
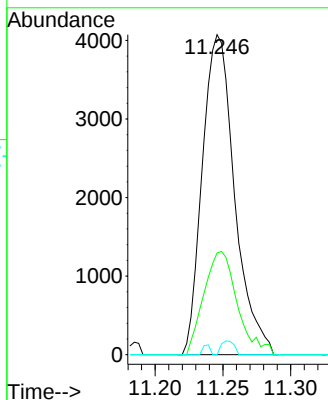
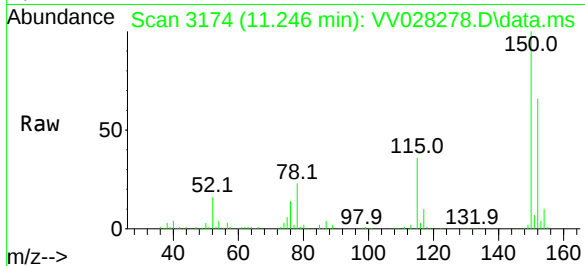




#61
1,2,3-Trichloropropane
Concen: 1.188 ug/L
RT: 11.246 min Scan# 3174
Delta R.T. 0.975 min
Lab File: VV028278.D
Acq: 03 Oct 2022 15:09

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 75 Resp: 6744
Ion Ratio Lower Upper
75 100
77 33.5 26.7 40.1
110 1.7 30.1 45.1#



#71
Naphthalene
Concen: 0.074 ug/L
RT: 13.506 min Scan# 3877
Delta R.T. 0.007 min
Lab File: VV028278.D
Acq: 03 Oct 2022 15:09

Tgt Ion: 128 Resp: 1534
Ion Ratio Lower Upper
128 100
129 0.0 8.2 12.2#
127 0.0 10.4 15.6#

