

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW100322\
 Data File : VW028277.D
 Acq On : 03 Oct 2022 14:45
 Operator : SY/MD
 Sample : N4730-09
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 04 02:43:38 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	5.613	114	193874	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	195060	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	89886	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	70514	4.840	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	96.800%	
7) Chloroethane-d5	1.561	69	61489	4.986	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	99.800%	
11) 1,1-Dichloroethene-d2	2.101	63	98462	3.586	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	71.800%	
20) 2-Butanone-d5	3.905	46	132216	53.643	ug/L	0.02
Spiked Amount	50.000	Range 40 - 130	Recovery	=	107.280%	
24) Chloroform-d	4.339	84	134094	5.081	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	101.600%	
26) 1,2-Dichloroethane-d4	5.027	65	63468	5.188	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	103.800%	
32) Benzene-d6	5.043	84	280976	5.251	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	105.000%	
36) 1,2-Dichloropropane-d6	6.063	67	81713	5.323	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	106.400%	
41) Toluene-d8	7.313	98	236626	4.808	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	96.200%	
43) trans-1,3-Dichloroprop...	7.622	79	27565	4.715	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	94.200%	
46) 2-Hexanone-d5	8.088	63	114404	47.810	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	95.620%	
56) 1,1,2,2-Tetrachloroeth...	10.214	84	57342	4.928	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	98.600%	
66) 1,2-Dichlorobenzene-d4	11.622	152	82644	5.342	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	106.800%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.233	50	675	0.046	ug/L #	82
5) Vinyl chloride	1.304	62	194643	11.696	ug/L	100
6) Bromomethane	1.520	94	862	0.109	ug/L	94
8) Chloroethane	1.401	64	58898	5.310	ug/L #	51
12) 1,1-Dichloroethene	2.105	96	1404	0.101	ug/L #	1
14) Carbon disulfide	2.285	76	3266	0.075	ug/L #	93
18) trans-1,2-Dichloroethene	2.754	96	2487	0.172	ug/L	91
22) cis-1,2-Dichloroethene	3.905	96	25769	1.767	ug/L	87
25) Chloroform	4.371	83	3016	0.111	ug/L	99
33) Benzene	5.098	78	5152	0.089	ug/L	100
35) Methylcyclohexane	6.066	83	21213	0.894	ug/L #	18
37) 1,2-Dichloropropane	6.066	63	8711	0.648	ug/L #	87
61) 1,2,3-Trichloropropane	11.243	75	8862	1.278	ug/L #	68
70) 1,2,4-trichlorobenzene	13.265	180	1416	0.087	ug/L	93
71) Naphthalene	13.506	128	5795	0.228	ug/L #	92
72) 1,2,3-Trichlorobenzene	13.744	180	1737	0.118	ug/L #	93

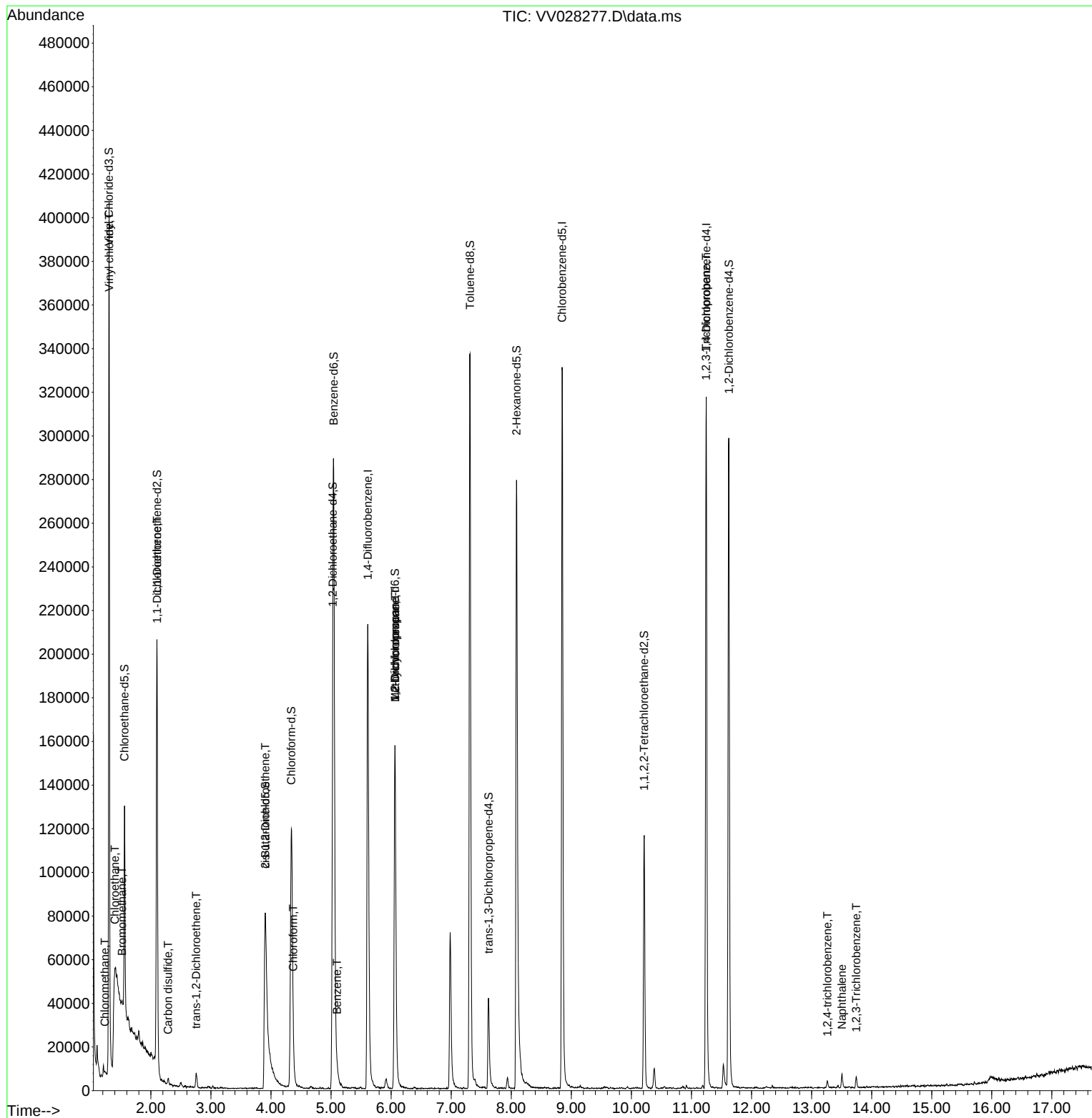
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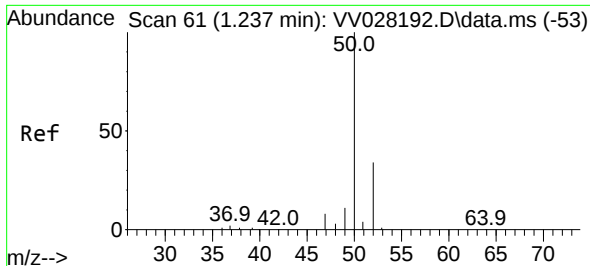
Instrument :
MSVOA_V
ClientSampleId :

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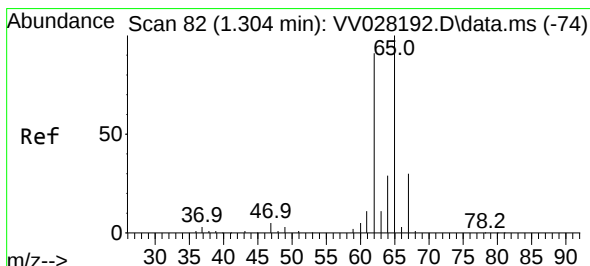
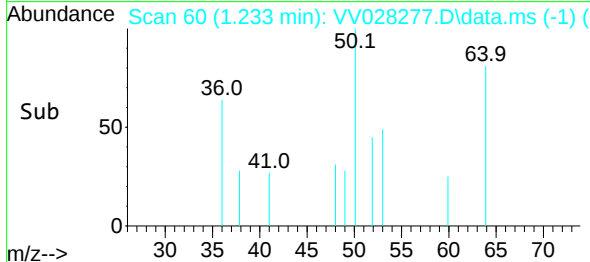
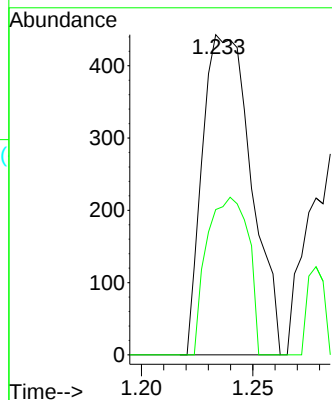
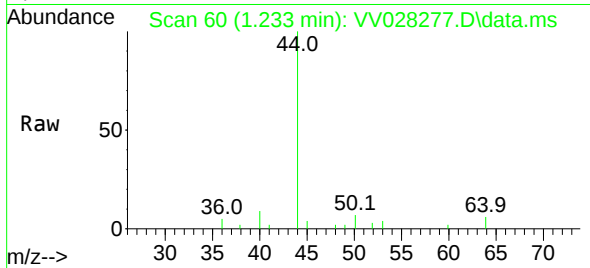




#3
Chloromethane
Concen: 0.046 ug/L
RT: 1.233 min Scan# 60
Delta R.T. -0.003 min
Lab File: VV028277.D
Acq: 03 Oct 2022 14:45

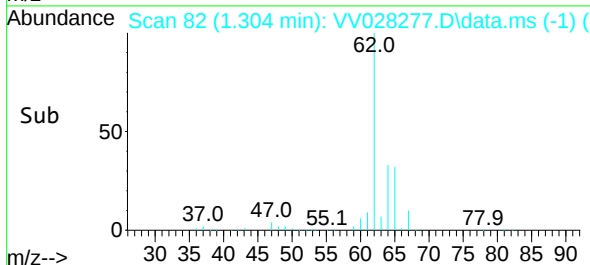
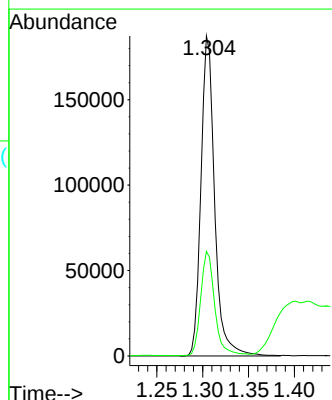
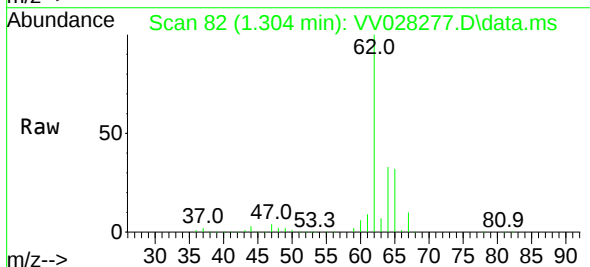
Instrument :
MSVOA_V
ClientSampleId :

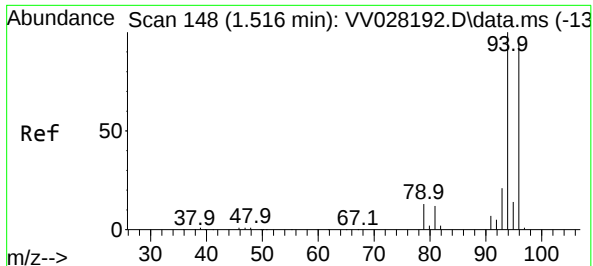
Tgt Ion: 50 Resp: 675
Ion Ratio Lower Upper
50 100
52 45.4 24.4 45.2#



#5
Vinyl chloride
Concen: 11.696 ug/L
RT: 1.304 min Scan# 82
Delta R.T. 0.000 min
Lab File: VV028277.D
Acq: 03 Oct 2022 14:45

Tgt Ion: 62 Resp: 194643
Ion Ratio Lower Upper
62 100
64 32.7 23.0 42.8

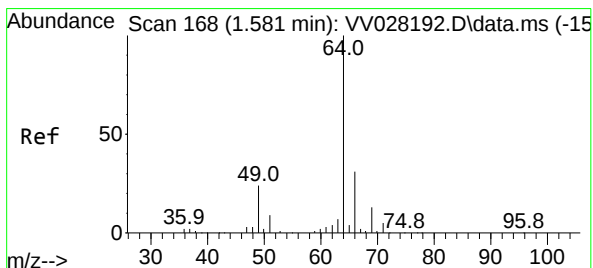
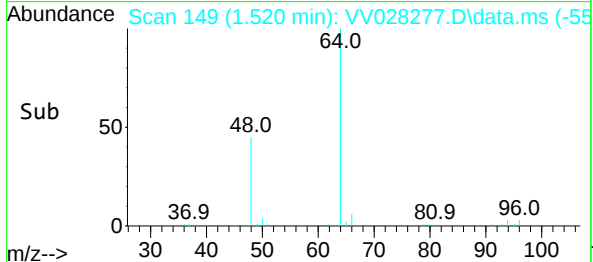
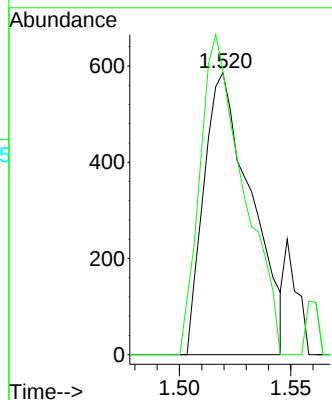
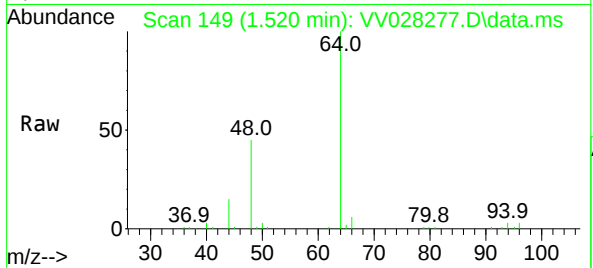




#6
Bromomethane
Concen: 0.109 ug/L
RT: 1.520 min Scan# 14
Delta R.T. 0.003 min
Lab File: VV028277.D
Acq: 03 Oct 2022 14:45

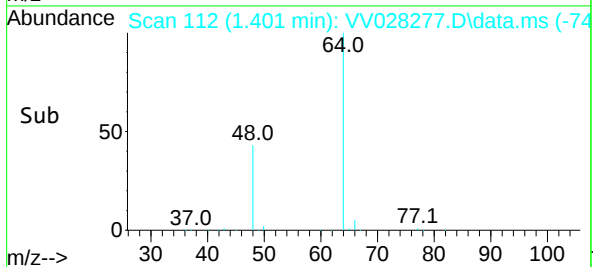
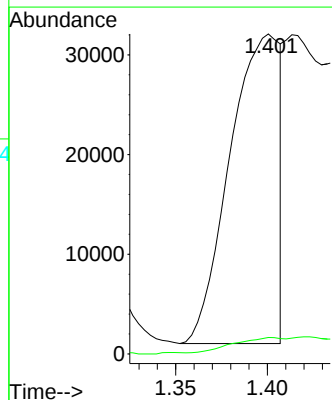
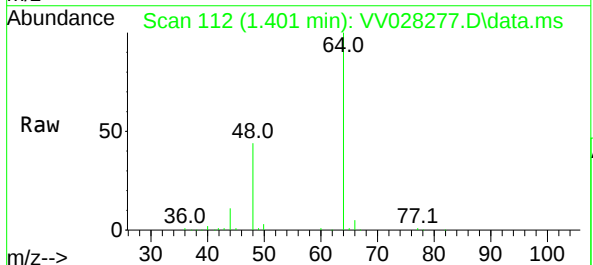
Instrument :
MSVOA_V
ClientSampleId :

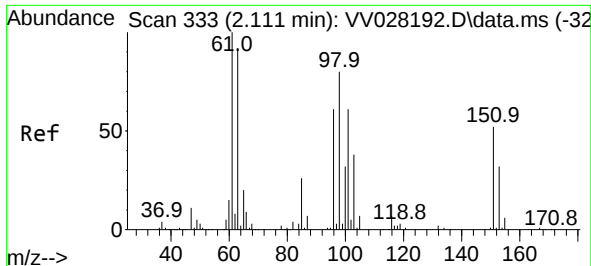
Tgt Ion: 94 Resp: 862
Ion Ratio Lower Upper
94 100
96 100.9 66.7 123.9



#8
Chloroethane
Concen: 5.310 ug/L
RT: 1.401 min Scan# 112
Delta R.T. -0.177 min
Lab File: VV028277.D
Acq: 03 Oct 2022 14:45

Tgt Ion: 64 Resp: 58898
Ion Ratio Lower Upper
64 100
66 5.2 23.0 42.8#





#12

1,1-Dichloroethene

Concen: 0.101 ug/L

RT: 2.105 min Scan# 31

Delta R.T. -0.006 min

Lab File: VV028277.D

Acq: 03 Oct 2022 14:45

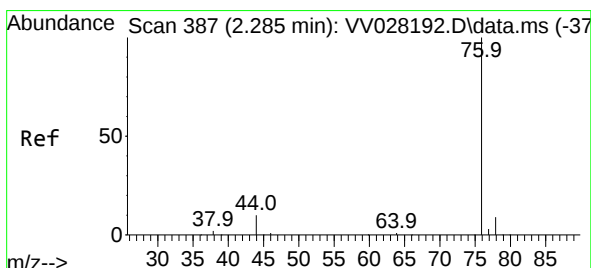
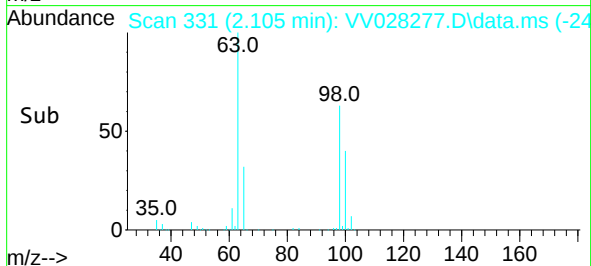
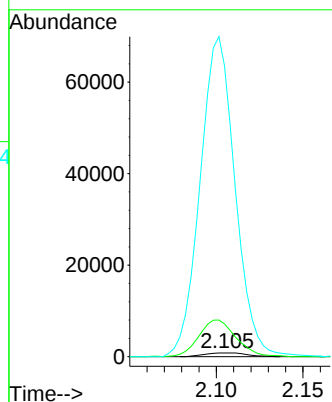
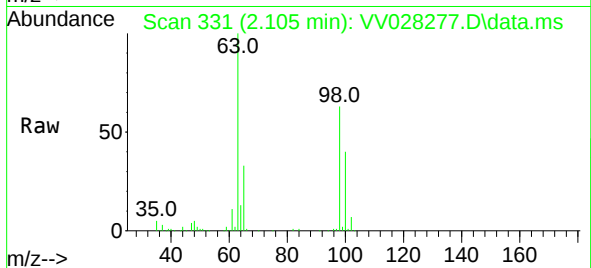
Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 96 Resp: 1404

Ion	Ratio	Lower	Upper
96	100		
61	869.6	128.3	238.3#
63	7719.1	112.7	209.3#



#14

Carbon disulfide

Concen: 0.075 ug/L

RT: 2.285 min Scan# 387

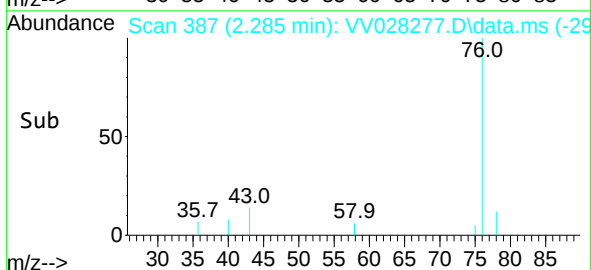
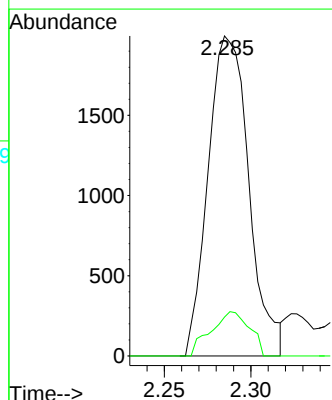
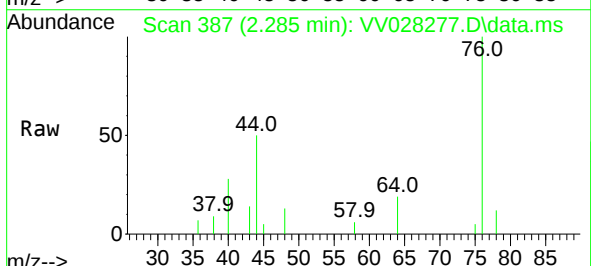
Delta R.T. 0.000 min

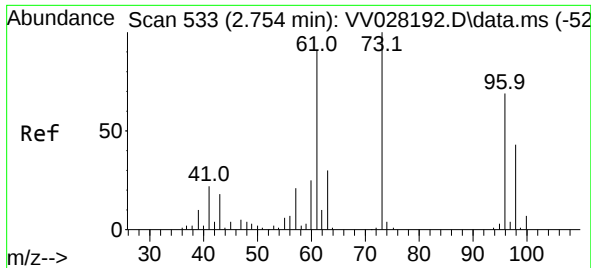
Lab File: VV028277.D

Acq: 03 Oct 2022 14:45

Tgt Ion: 76 Resp: 3266

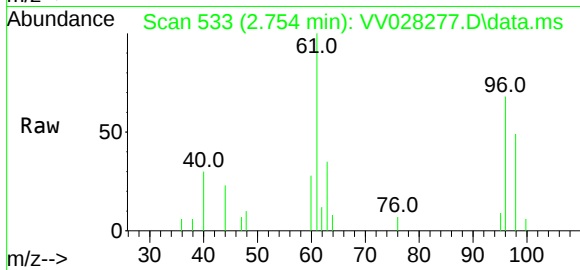
Ion	Ratio	Lower	Upper
76	100		
78	12.1	7.6	11.4#





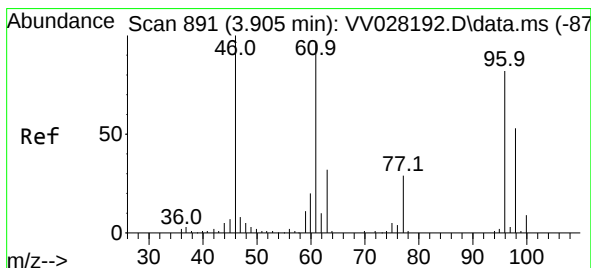
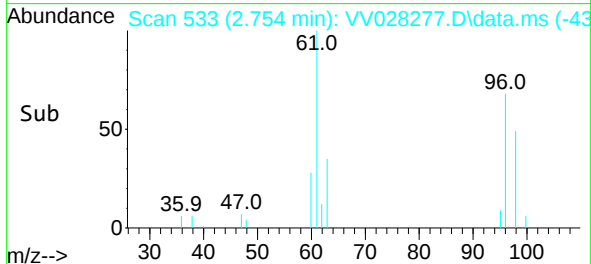
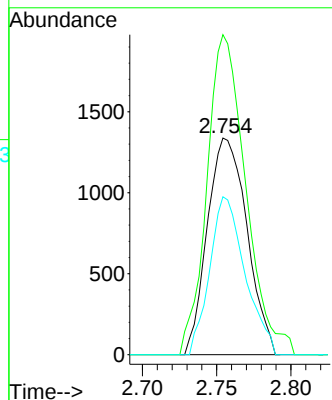
#18
trans-1,2-Dichloroethene
Concen: 0.172 ug/L
RT: 2.754 min Scan# 511
Delta R.T. 0.003 min
Lab File: VV028277.D
Acq: 03 Oct 2022 14:45

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 96 Resp: 2487

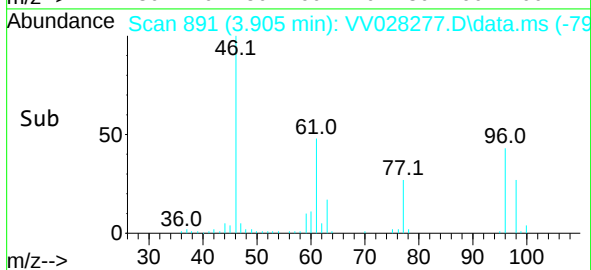
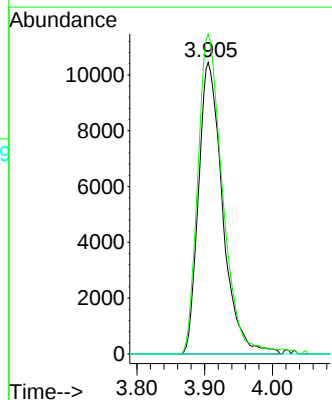
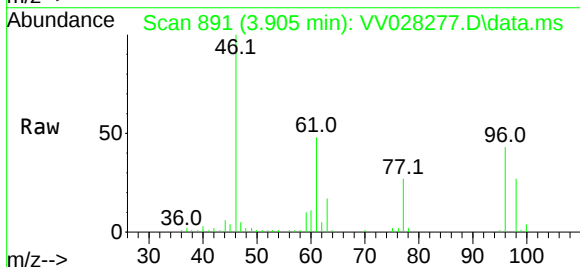
Ion	Ratio	Lower	Upper
96	100		
61	147.7	96.2	178.6
98	72.9	45.7	84.9

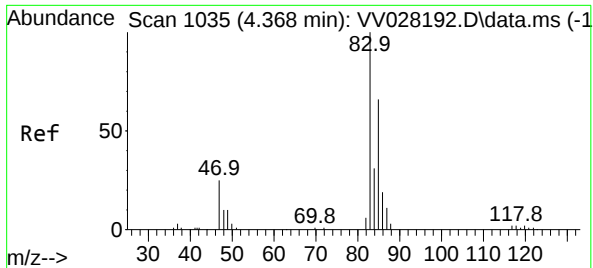


#22
cis-1,2-Dichloroethene
Concen: 1.767 ug/L
RT: 3.905 min Scan# 891
Delta R.T. 0.000 min
Lab File: VV028277.D
Acq: 03 Oct 2022 14:45

Tgt Ion: 96 Resp: 25769

Ion	Ratio	Lower	Upper
96	100		
61	109.7	87.2	161.9
68	0.0	0.0	0.0





#25

Chloroform

Concen: 0.111 ug/L

RT: 4.371 min Scan# 1036

Delta R.T. 0.003 min

Lab File: VV028277.D

Acq: 03 Oct 2022 14:45

Instrument :

MSVOA_V

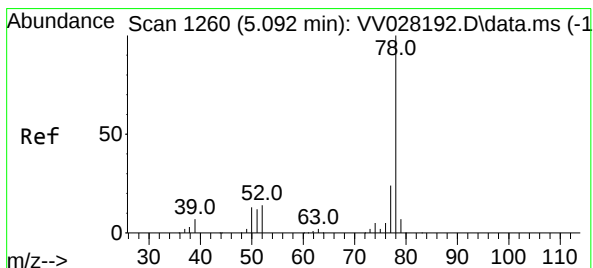
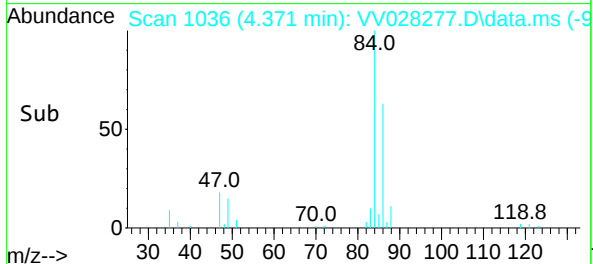
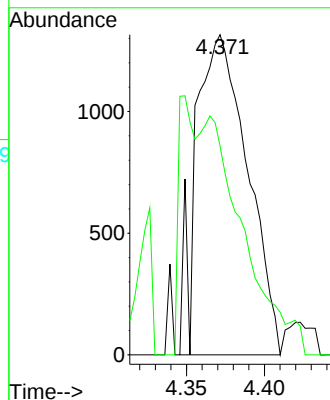
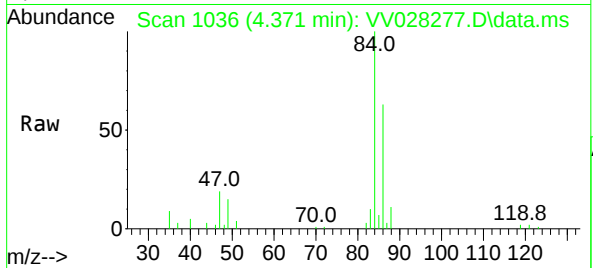
ClientSampleId :

Tgt Ion: 83 Resp: 3016

Ion Ratio Lower Upper

83 100

85 65.3 45.1 83.7



#33

Benzene

Concen: 0.089 ug/L

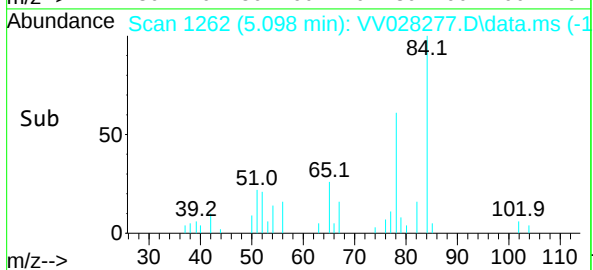
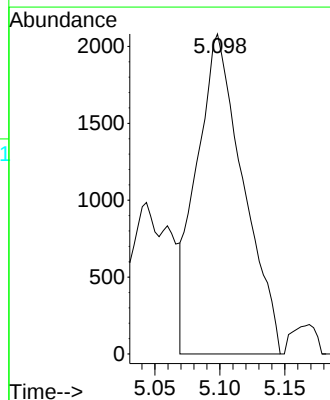
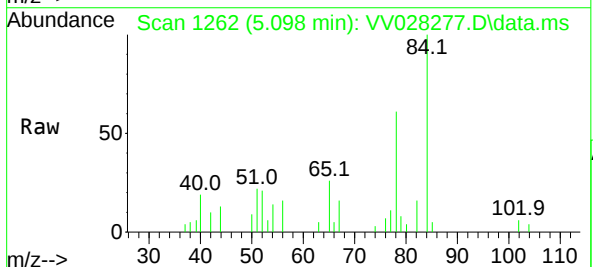
RT: 5.098 min Scan# 1262

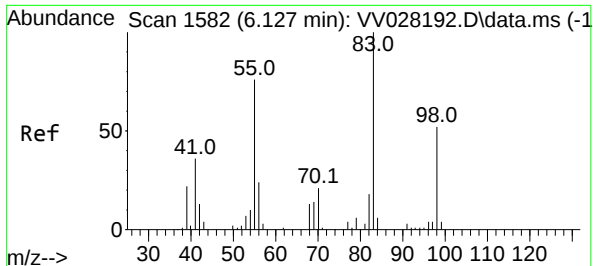
Delta R.T. 0.007 min

Lab File: VV028277.D

Acq: 03 Oct 2022 14:45

Tgt Ion: 78 Resp: 5152





#35

Methylcyclohexane

Concen: 0.894 ug/L

RT: 6.066 min Scan# 1563

Delta R.T. -0.058 min

Lab File: VV028277.D

Acq: 03 Oct 2022 14:45

Instrument :

MSVOA_V

ClientSampleId :

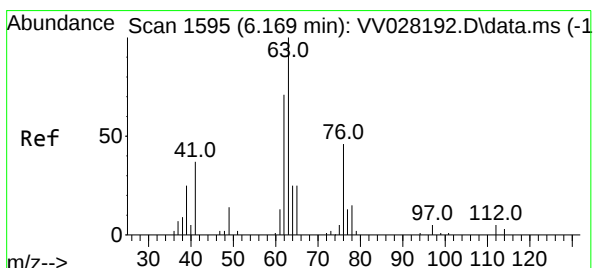
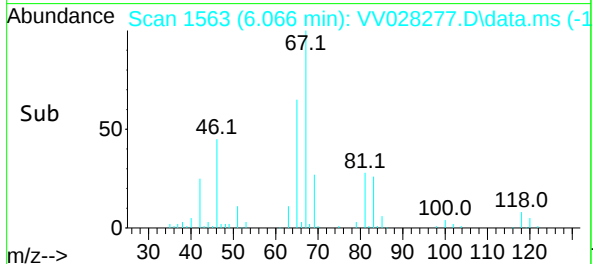
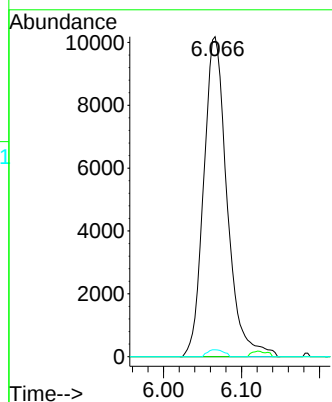
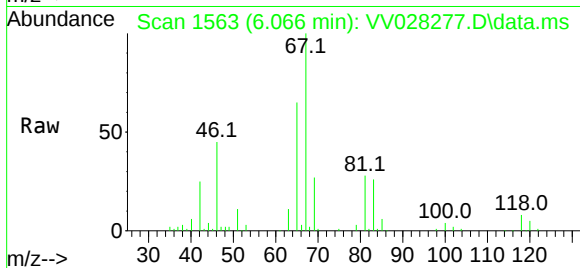
Tgt Ion: 83 Resp: 21213

Ion Ratio Lower Upper

83 100

55 1.1 64.7 97.1#

98 1.5 39.5 59.3#



#37

1,2-Dichloropropane

Concen: 0.648 ug/L

RT: 6.066 min Scan# 1563

Delta R.T. -0.103 min

Lab File: VV028277.D

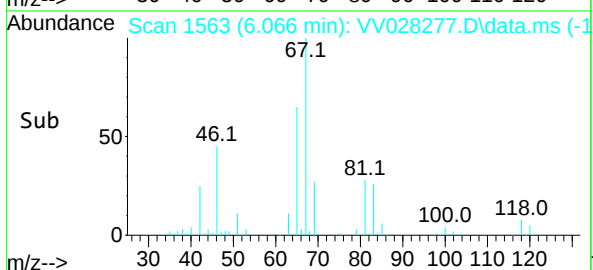
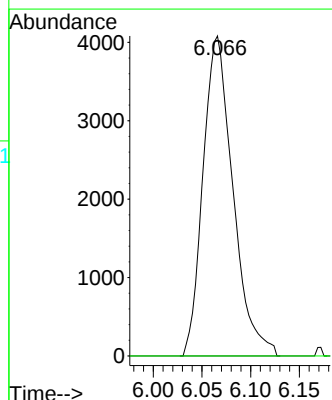
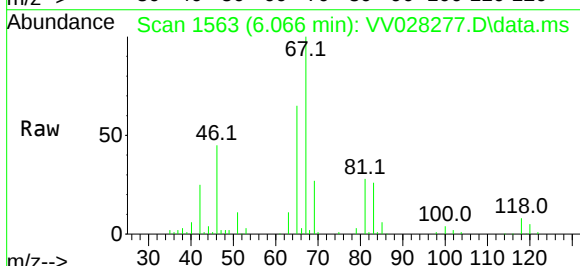
Acq: 03 Oct 2022 14:45

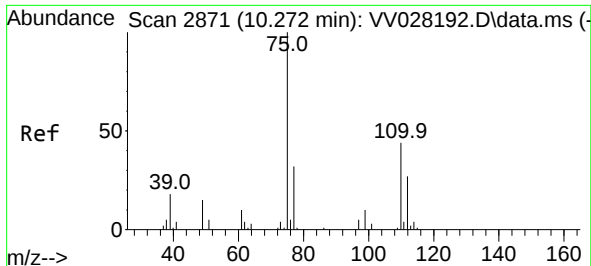
Tgt Ion: 63 Resp: 8711

Ion Ratio Lower Upper

63 100

112 0.0 3.5 5.3#





#61

1,2,3-Trichloropropane

Concen: 1.278 ug/L

RT: 11.243 min Scan# 3173

Delta R.T. 0.972 min

Lab File: VV028277.D

Acq: 03 Oct 2022 14:45

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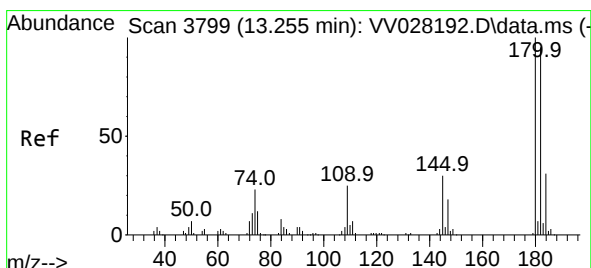
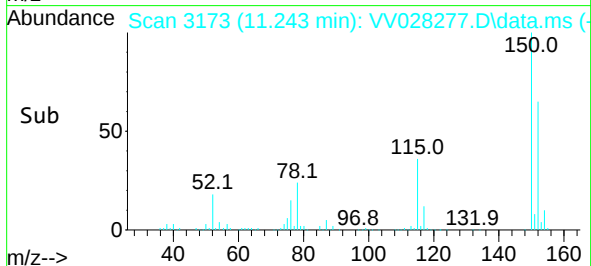
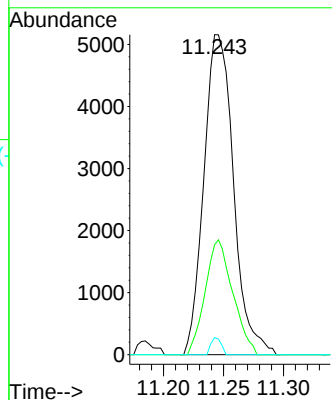
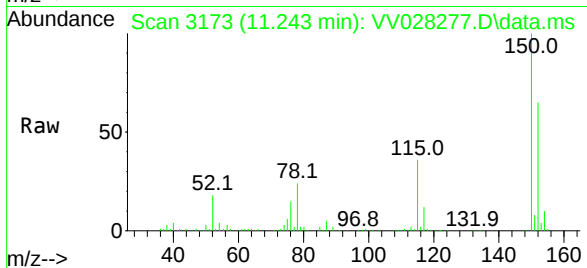
Tgt Ion: 75 Resp: 8862

Ion Ratio Lower Upper

75 100

77 33.3 26.7 40.1

110 1.8 30.1 45.1#



#70

1,2,4-trichlorobenzene

Concen: 0.087 ug/L

RT: 13.265 min Scan# 3802

Delta R.T. 0.007 min

Lab File: VV028277.D

Acq: 03 Oct 2022 14:45

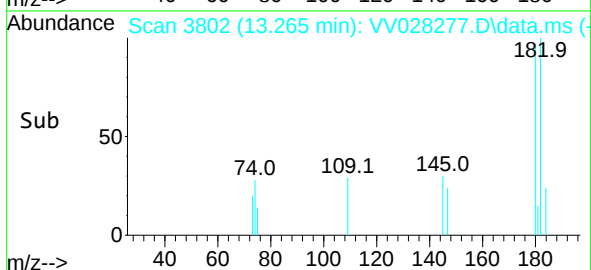
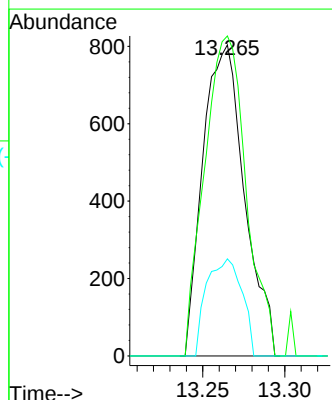
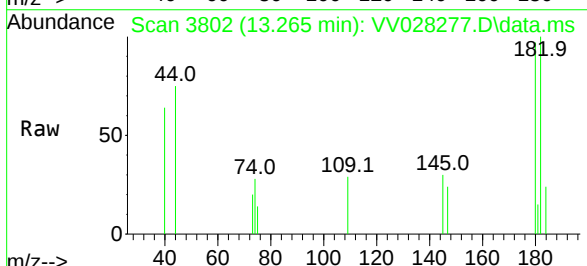
Tgt Ion:180 Resp: 1416

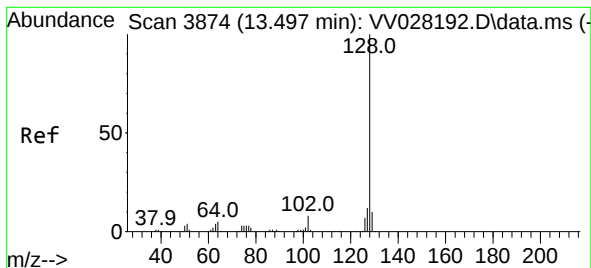
Ion Ratio Lower Upper

180 100

182 102.8 76.3 114.5

145 26.3 22.9 34.3





#71

Naphthalene

Concen: 0.228 ug/L

RT: 13.506 min Scan# 3877

Delta R.T. 0.007 min

Lab File: VV028277.D

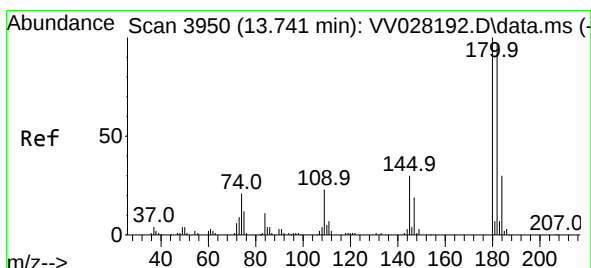
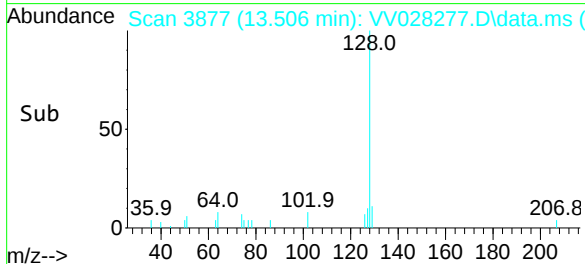
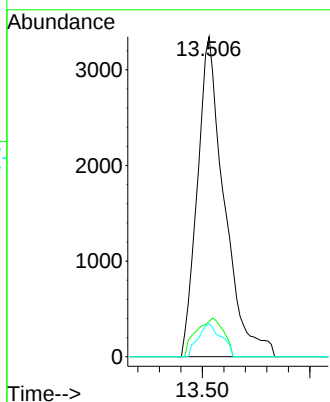
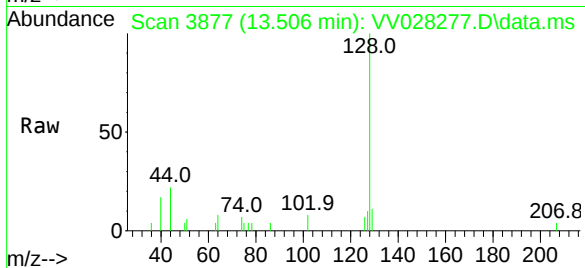
Acq: 03 Oct 2022 14:45

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:128	Resp:	5795
Ion Ratio	Lower	Upper
128	100	
129	12.4	8.2 12.2#
127	8.8	10.4 15.6#



#72

1,2,3-Trichlorobenzene

Concen: 0.118 ug/L

RT: 13.744 min Scan# 3951

Delta R.T. 0.003 min

Lab File: VV028277.D

Acq: 03 Oct 2022 14:45

Tgt Ion:180	Resp:	1737
Ion Ratio	Lower	Upper
180	100	
182	92.1	77.4 116.0
145	23.0	24.6 36.8#

