

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102821\
 Data File : VX025001.D
 Acq On : 28 Oct 2021 12:23
 Operator : JC/MD
 Sample : VIBLK604
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 29 06:47:06 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML102821WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 28 12:38:37 2021
 Response via : Initial Calibration

Compound	R.T. QIon		Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	155910	50.000	ug/L	# 0.00
28) Chlorobenzene-d5	10.055	117	141546	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	62663	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	51005	51.321	ug/L	0.00
Spiked Amount 50.000	Range 60	- 135	Recovery	=	102.640%	
7) Chloroethane-d5	1.666	69	36481	53.701	ug/L	0.00
Spiked Amount 50.000	Range 70	- 130	Recovery	=	107.400%	
11) 1,1-Dichloroethene-d2	2.306	63	96523	39.413	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	=	78.820%	
21) 2-Butanone-d5	4.465	46	105102	105.876	ug/L	0.00
Spiked Amount 100.000	Range 40	- 130	Recovery	=	105.880%	
24) Chloroform-d	5.068	84	131394	50.527	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	101.060%	
26) 1,2-Dichloroethane-d4	5.964	65	99131	51.983	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	103.960%	
32) Benzene-d6	5.977	84	210947	52.506	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	105.020%	
36) 1,2-Dichloropropane-d6	7.318	67	73679	53.813	ug/L	0.00
Spiked Amount 50.000	Range 70	- 120	Recovery	=	107.620%	
41) Toluene-d8	8.653	98	195932	50.975	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	=	101.960%	
43) trans-1,3-Dichloroprop...	8.952	79	40064	50.919	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	=	101.840%	
47) 2-Hexanone-d5	9.628	63	64	0.092	ug/L	0.24
Spiked Amount 100.000	Range 45	- 130	Recovery	=	0.090%#	
56) 1,1,2,2-Tetrachloroeth...	11.195	84	97037	52.412	ug/L	0.00
Spiked Amount 50.000	Range 65	- 120	Recovery	=	104.820%	
66) 1,2-Dichlorobenzene-d4	12.323	152	63698	52.385	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	=	104.780%	
Target Compounds						Qvalue
5) Vinyl chloride	1.374	62	906	0.791	ug/L	# 49
6) Bromomethane	1.618	94	787	1.068	ug/L	89
12) 1,1-Dichloroethene	2.313	96	1214	1.252	ug/L	# 1
14) Carbon disulfide	2.514	76	6146	2.338	ug/L	98
16) Methylene chloride	2.788	84	1127	1.026	ug/L	94
42) Toluene	8.720	91	5603	1.168	ug/L	99
44) trans-1,3-Dichloropropene	8.952	75	2340	1.122	ug/L	91
62) 1,3,5-Trimethylbenzene	11.457	105	2883	0.697	ug/L	96
63) 1,2,4-Trimethylbenzene	11.756	105	3069	0.740	ug/L	94
64) 1,3-Dichlorobenzene	11.975	146	1934	1.040	ug/L	# 84
65) 1,4-Dichlorobenzene	12.043	146	2350	1.222	ug/L	96
67) 1,2-Dichlorobenzene	12.335	146	1765	0.930	ug/L	# 78
69) 1,3,5-Trichlorobenzene	13.116	180	1688	1.264	ug/L	95
70) 1,2,4-trichlorobenzene	13.597	180	1825	1.613	ug/L	99
71) Naphthalene	13.780	128	3590	0.917	ug/L	# 92
72) 1,2,3-Trichlorobenzene	13.969	180	1483	1.274	ug/L	95

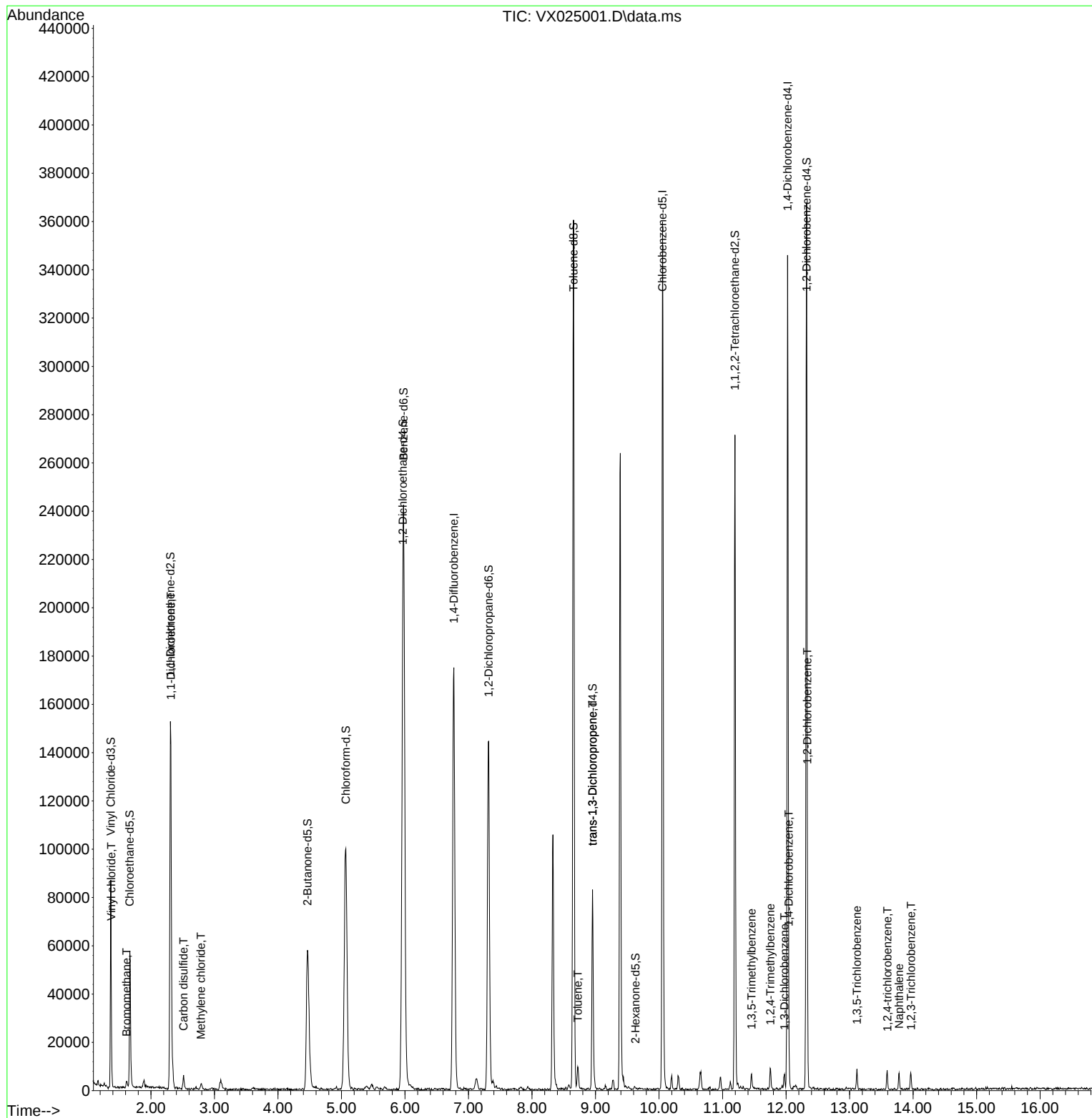
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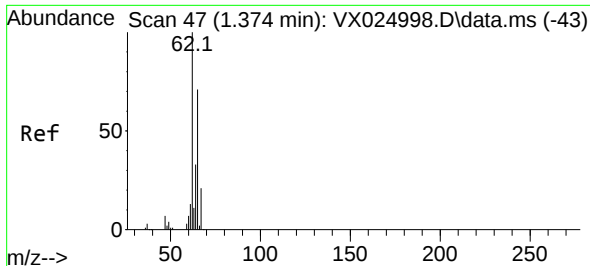
Instrument :
MSVOA_X
ClientSampleId :

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ClientSampled :

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Quant Title : VOC Analysis
QLast Update : Thu Oct 28 12:38:37 2021
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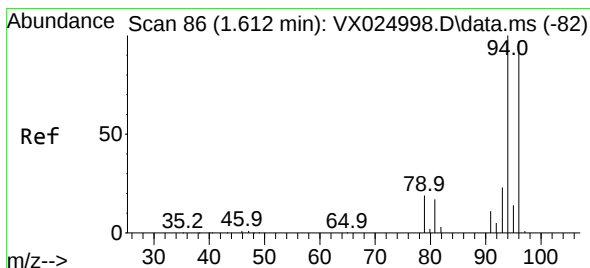
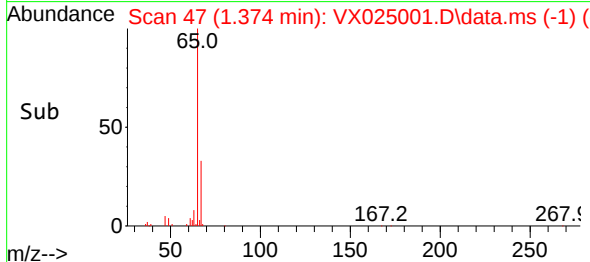
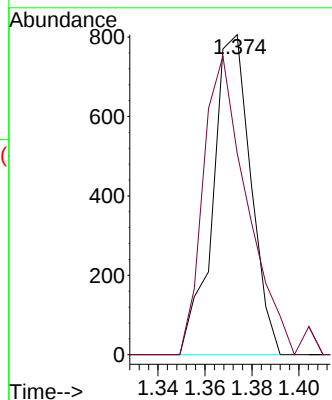
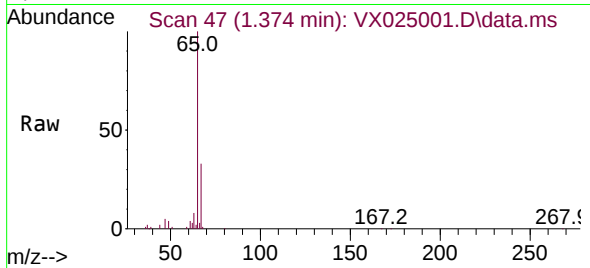




#5
 Vinyl chloride
 Concen: 0.791 ug/L
 RT: 1.374 min Scan# 47
 Delta R.T. -0.000 min
 Lab File: VX025001.D
 Acq: 28 Oct 2021 12:23

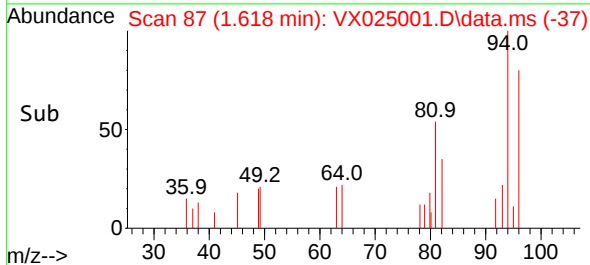
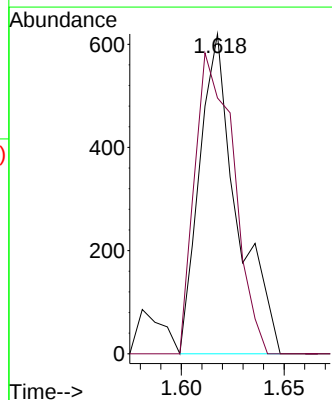
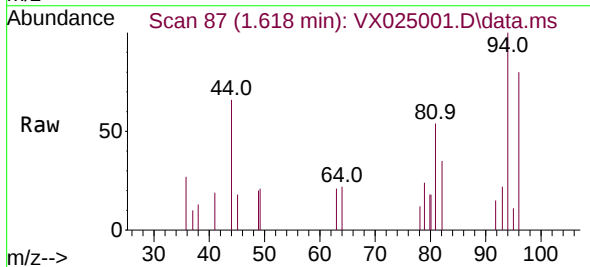
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 MSVOA_X
 ClientSampled :

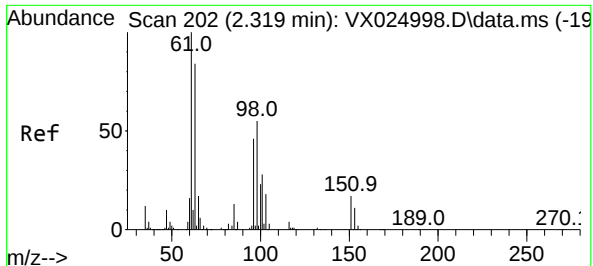
Tgt Ion: 62 Resp: 906
 Ion Ratio Lower Upper
 62 100
 64 63.0 23.6 43.8#



#6
 Bromomethane
 Concen: 1.068 ug/L
 RT: 1.618 min Scan# 87
 Delta R.T. 0.006 min
 Lab File: VX025001.D
 Acq: 28 Oct 2021 12:23

Tgt Ion: 94 Resp: 787
 Ion Ratio Lower Upper
 94 100
 96 80.0 62.9 116.9





#12

1,1-Dichloroethene

Concen: 1.252 ug/L

RT: 2.313 min Scan# 201

Delta R.T. -0.006 min

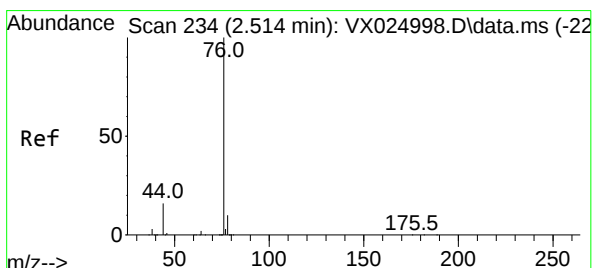
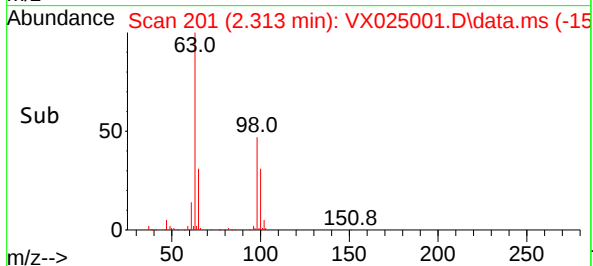
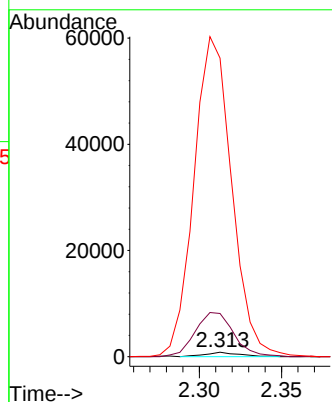
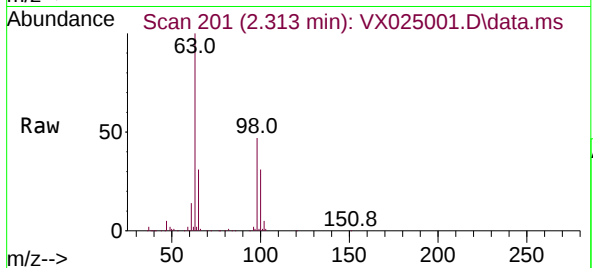
Lab File: VX025001.D

Acq: 28 Oct 2021 12:23

Tgt Ion: 96 Resp: 1214

Ion	Ratio	Lower	Upper
96	100		
61	963.0	109.9	204.1#
63	6662.6	92.4	171.6#

Instrument :
MSVOA_X
ClientSampleId :



#14

Carbon disulfide

Concen: 2.338 ug/L

RT: 2.514 min Scan# 234

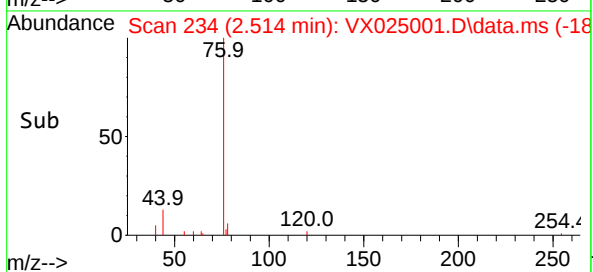
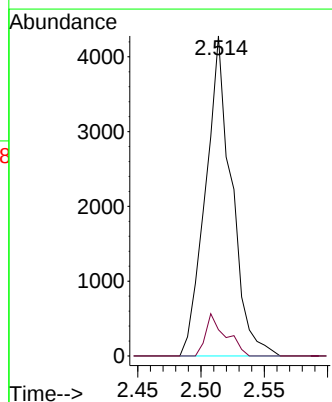
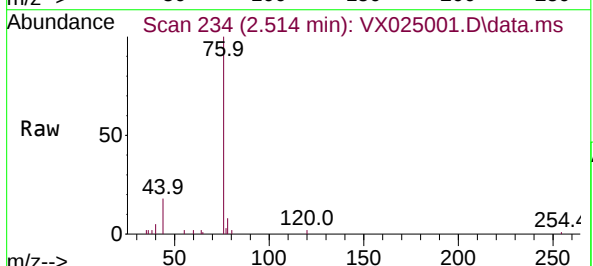
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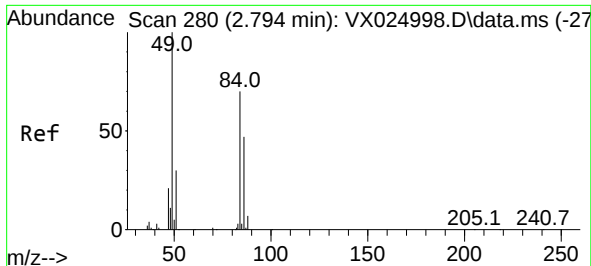
Lab File: VX025001.D

Acq: 28 Oct 2021 12:23

Tgt Ion: 76 Resp: 6146

Ion	Ratio	Lower	Upper
76	100		
78	8.2	7.2	10.8

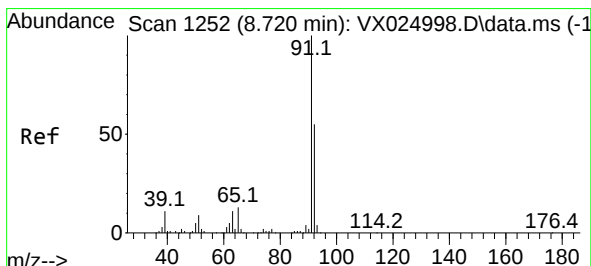
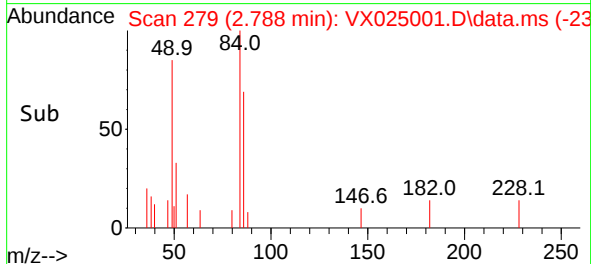
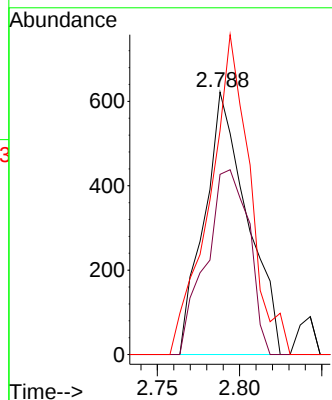
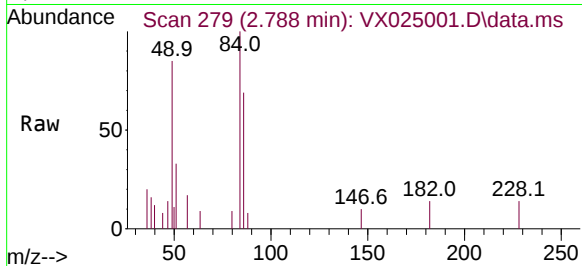




#16
Methylene chloride
Concen: 1.026 ug/L
RT: 2.788 min Scan# 279
Delta R.T. -0.006 min
Lab File: VX025001.D
Acq: 28 Oct 2021 12:23

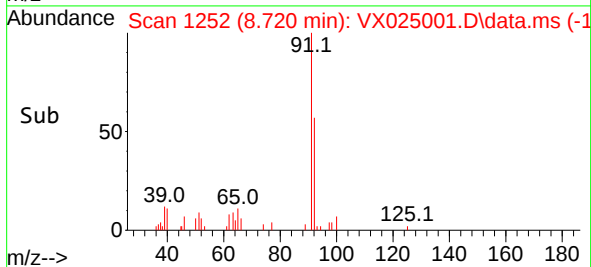
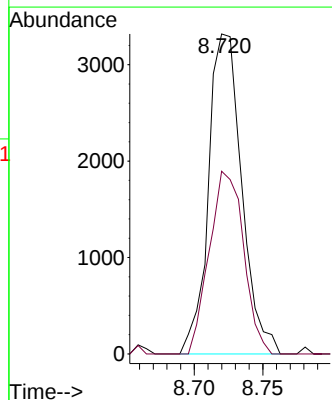
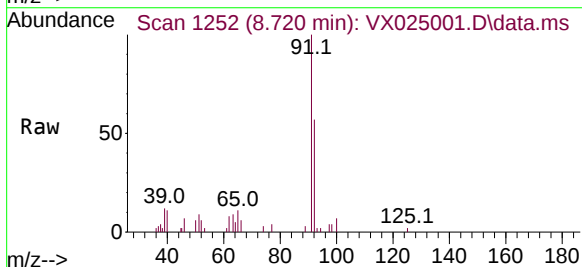
Instrument :
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ClientSampled :

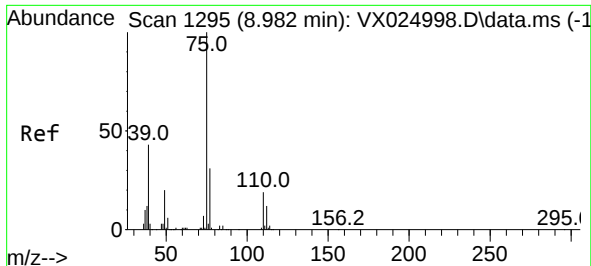
Tgt Ion: 84 Resp: 1127
Ion Ratio Lower Upper
84 100
86 68.6 44.4 82.5
49 85.4 64.0 118.8



#42
Toluene
Concen: 1.168 ug/L
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX025001.D
Acq: 28 Oct 2021 12:23

Tgt Ion: 91 Resp: 5603
Ion Ratio Lower Upper
91 100
92 57.1 39.3 72.9

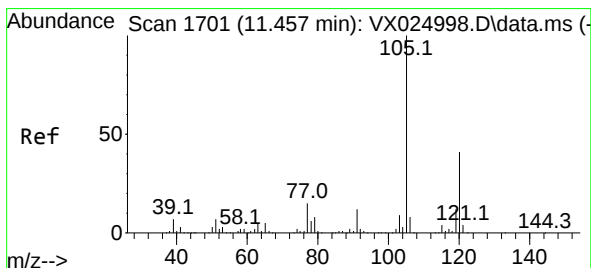
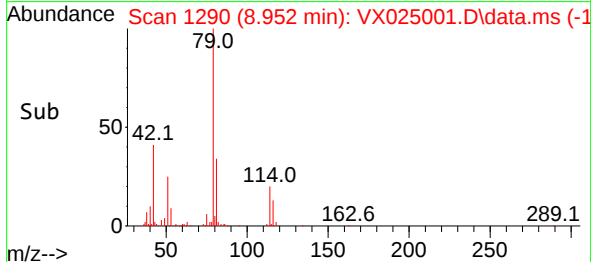
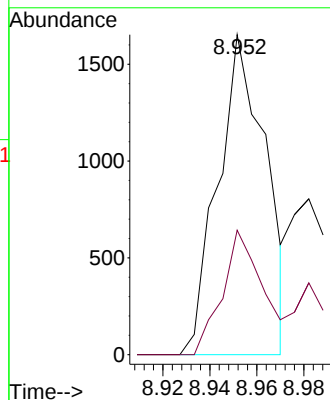
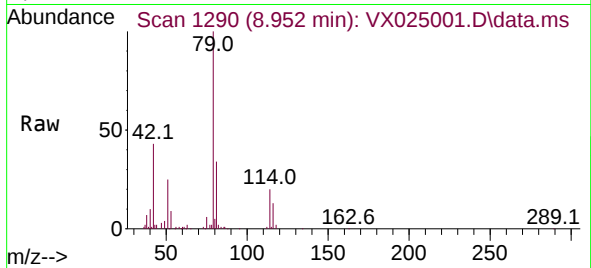




#44
 trans-1,3-Dichloropropene
 Concen: 1.122 ug/L
 RT: 8.952 min Scan# 1290
 Delta R.T. -0.031 min
 Lab File: VX025001.D
 Acq: 28 Oct 2021 12:23

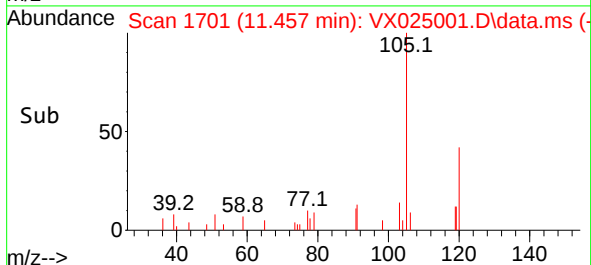
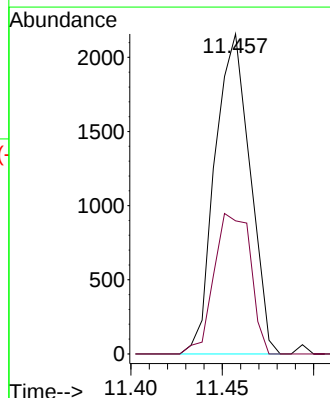
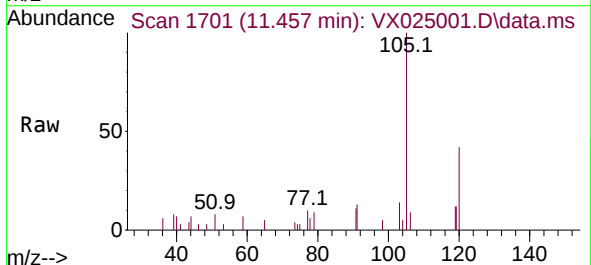
Instrument :
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 ClientSampled :

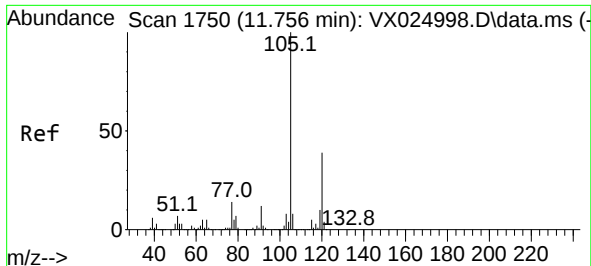
Tgt Ion: 75 Resp: 2340
 Ion Ratio Lower Upper
 75 100
 77 38.9 23.4 43.6



#62
 1,3,5-Trimethylbenzene
 Concen: 0.697 ug/L
 RT: 11.457 min Scan# 1701
 Delta R.T. -0.000 min
 Lab File: VX025001.D
 Acq: 28 Oct 2021 12:23

Tgt Ion: 105 Resp: 2883
 Ion Ratio Lower Upper
 105 100
 120 45.8 34.4 51.6

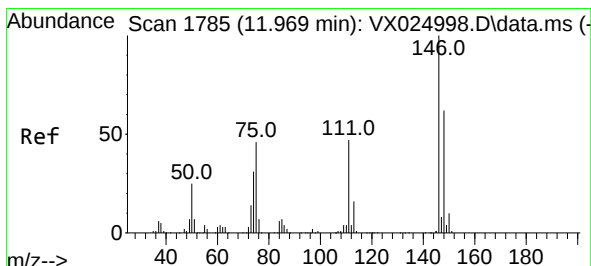
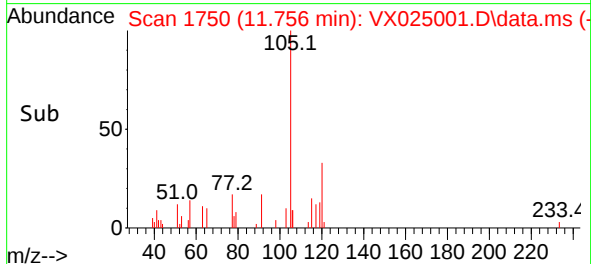
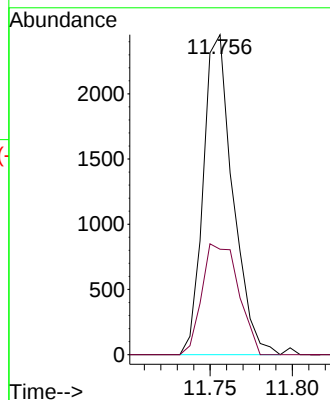
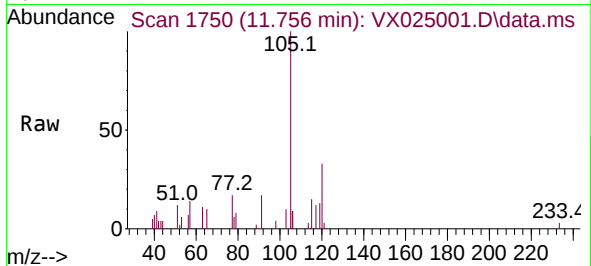




#63
1,2,4-Trimethylbenzene
Concen: 0.740 ug/L
RT: 11.756 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VX025001.D
Acq: 28 Oct 2021 12:23

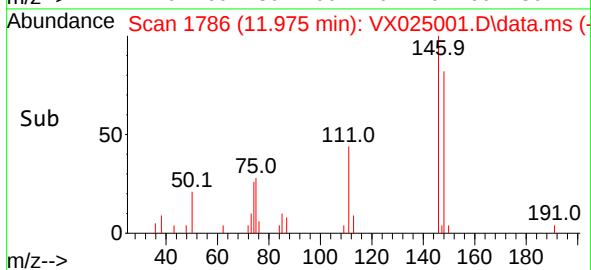
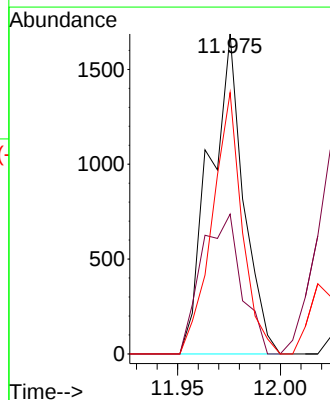
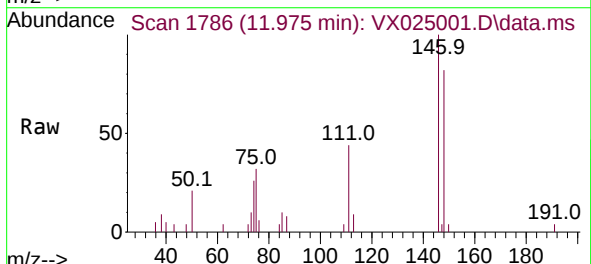
Instrument :
MSVOA_X
ClientSampled :

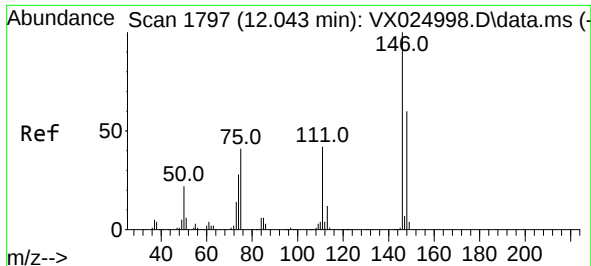
Tgt Ion:105 Resp: 3069
Ion Ratio Lower Upper
105 100
120 42.7 31.0 46.6



#64
1,3-Dichlorobenzene
Concen: 1.040 ug/L
RT: 11.975 min Scan# 1786
Delta R.T. 0.006 min
Lab File: VX025001.D
Acq: 28 Oct 2021 12:23

Tgt Ion:146 Resp: 1934
Ion Ratio Lower Upper
146 100
111 43.7 31.1 57.9
148 81.7 43.2 80.2#

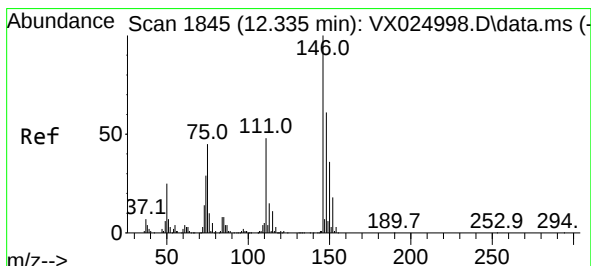
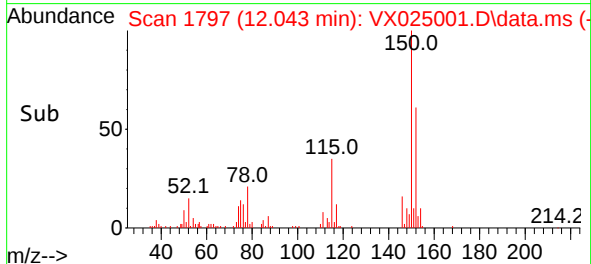
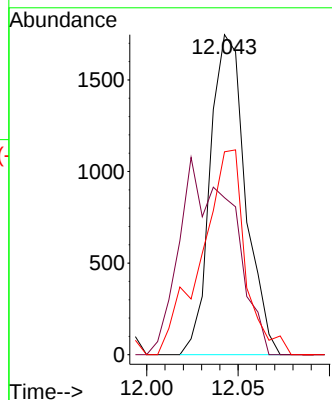
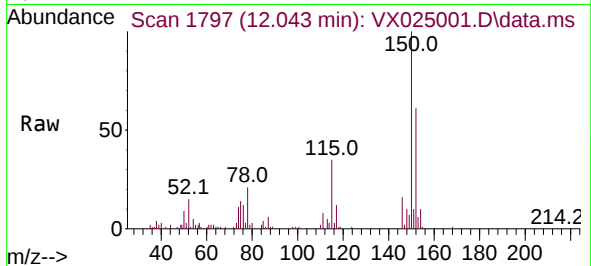




#65
1,4-Dichlorobenzene
Concen: 1.222 ug/L
RT: 12.043 min Scan# 1797
Delta R.T. -0.000 min
Lab File: VX025001.D
Acq: 28 Oct 2021 12:23

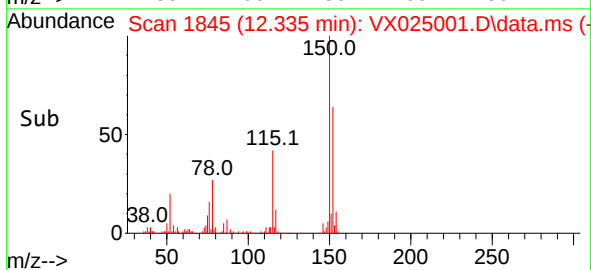
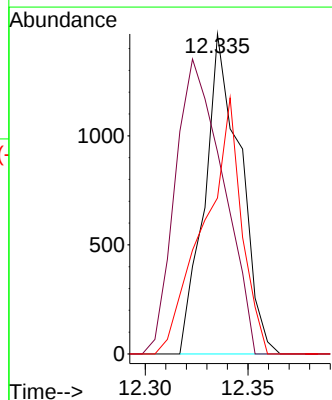
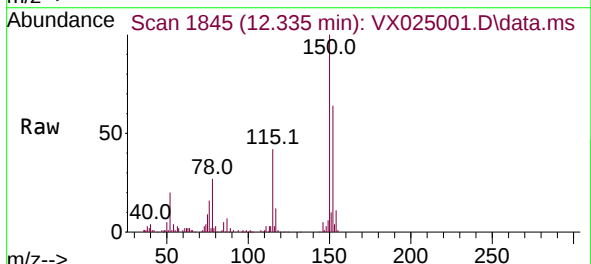
Instrument :
MSVOA_X
ClientSampled :

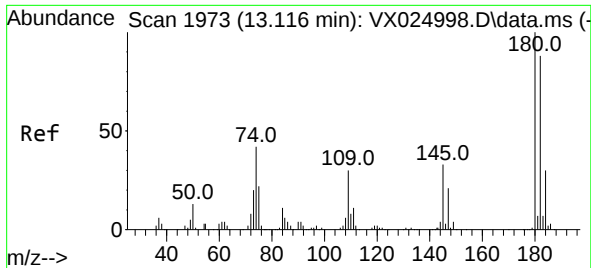
Tgt Ion:146 Resp: 2350
Ion Ratio Lower Upper
146 100
111 49.1 31.8 59.0
148 63.4 46.1 85.5



#67
1,2-Dichlorobenzene
Concen: 0.930 ug/L
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX025001.D
Acq: 28 Oct 2021 12:23

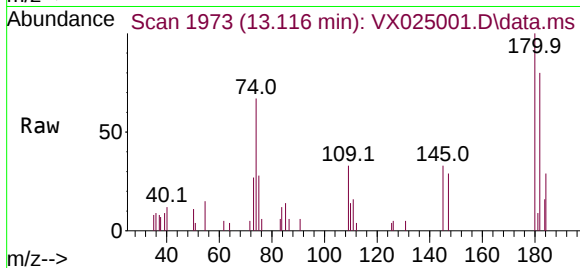
Tgt Ion:146 Resp: 1765
Ion Ratio Lower Upper
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148 48.7 53.2 79.8#





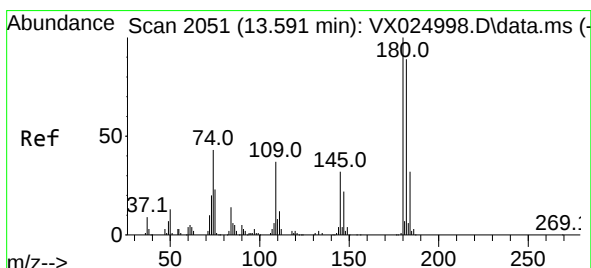
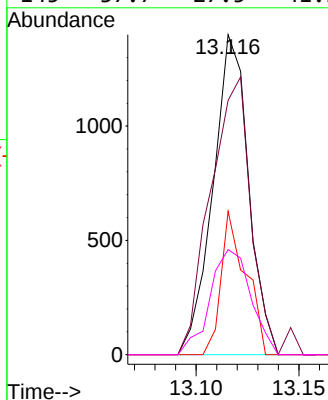
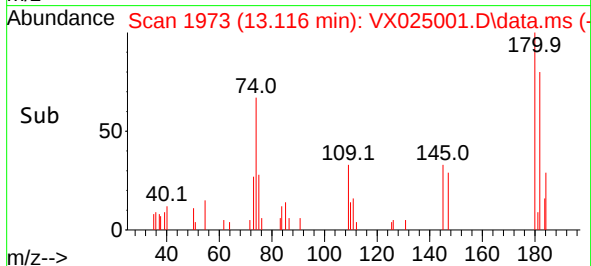
#69
 1,3,5-Trichlorobenzene
 Concen: 1.264 ug/L
 RT: 13.116 min Scan# 1973
 Delta R.T. -0.000 min
 Lab File: VX025001.D
 Acq: 28 Oct 2021 12:23

Instrument :
 MSVOA_X
 ClientSampled :

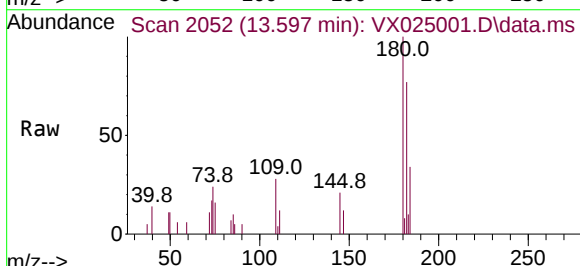


Tgt Ion:180 Resp: 1688

Ion	Ratio	Lower	Upper
180	100		
182	97.6	74.2	111.4
184	31.0	23.7	35.5
145	37.7	27.5	41.3

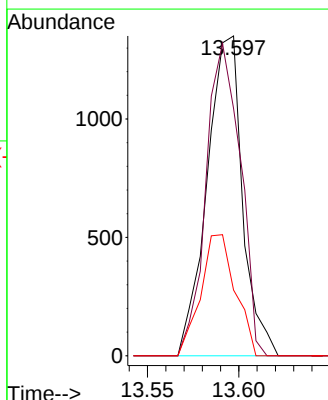
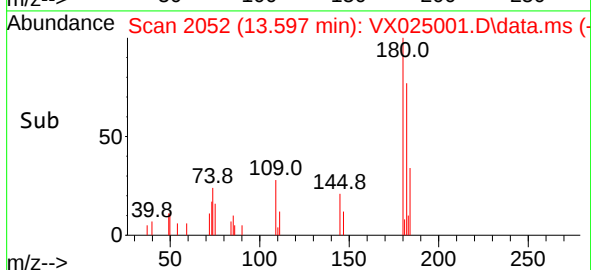


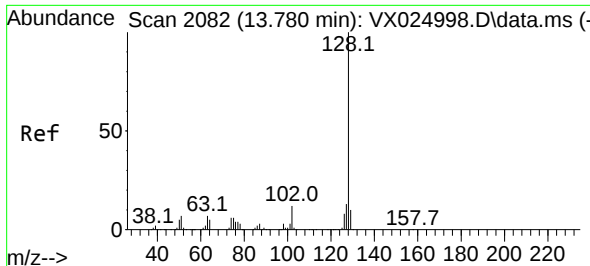
#70
 1,2,4-trichlorobenzene
 Concen: 1.613 ug/L
 RT: 13.597 min Scan# 2052
 Delta R.T. 0.006 min
 Lab File: VX025001.D
 Acq: 28 Oct 2021 12:23



Tgt Ion:180 Resp: 1825

Ion	Ratio	Lower	Upper
180	100		
182	94.7	76.4	114.6
145	37.2	28.8	43.2

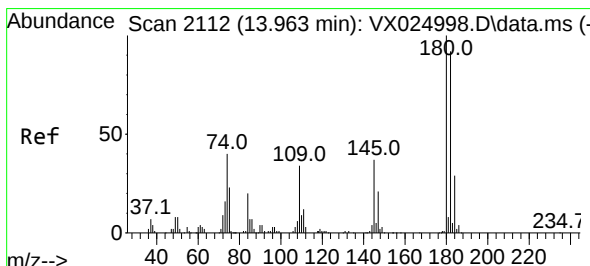
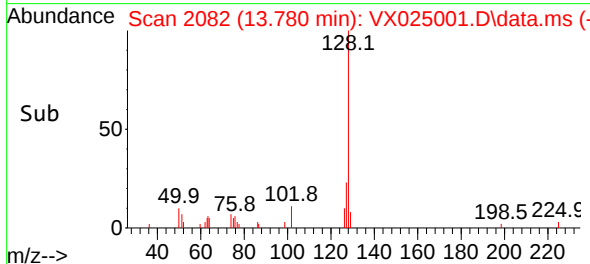
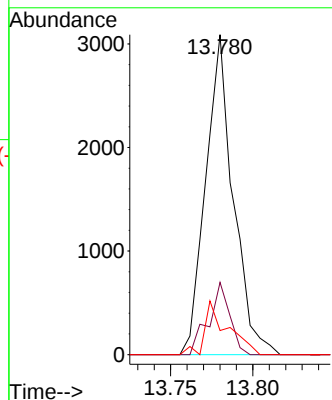
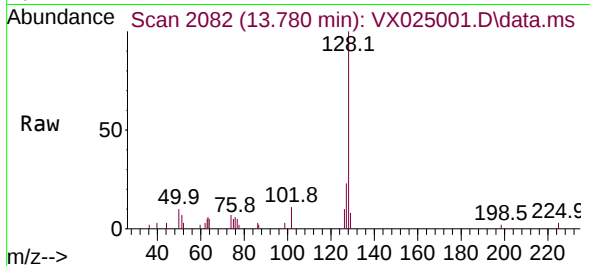




#71
Naphthalene
Concen: 0.917 ug/L
RT: 13.780 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VX025001.D
Acq: 28 Oct 2021 12:23

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:128 Resp: 3590
Ion Ratio Lower Upper
128 100
127 17.3 10.6 15.8#
129 13.1 9.1 13.7



#72
1,2,3-Trichlorobenzene
Concen: 1.274 ug/L
RT: 13.969 min Scan# 2113
Delta R.T. 0.006 min
Lab File: VX025001.D
Acq: 28 Oct 2021 12:23

Tgt Ion:180 Resp: 1483
Ion Ratio Lower Upper
180 100
182 97.7 73.3 109.9
145 34.6 29.0 43.4

