

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102821\
 Data File : VX024985.D
 Acq On : 27 Oct 2021 21:23
 Operator : JC/MD
 Sample : VIBLK603
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 28 05:02:48 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML102821WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 28 04:48:27 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	159263	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	140601	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	63730	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	28975	47.997	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	96.000%		
7) Chloroethane-d5	1.666	69	20731	50.415	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	100.820%		
11) 1,1-Dichloroethene-d2	2.307	63	71143	36.719	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	73.440%		
21) 2-Butanone-d5	4.465	46	59583	100.679	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	100.680%		
24) Chloroform-d	5.062	84	122379	47.480	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	94.960%		
26) 1,2-Dichloroethane-d4	5.964	65	80832	49.422	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	98.840%		
32) Benzene-d6	5.983	84	198430	53.025	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	106.060%		
36) 1,2-Dichloropropane-d6	7.312	67	57861	51.327	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	102.660%		
41) Toluene-d8	8.653	98	198489	52.123	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	104.240%		
43) trans-1,3-Dichloroprop...	8.952	79	36808	50.948	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	101.900%		
47) 2-Hexanone-d5	9.384	63	57392	108.935	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	108.940%		
56) 1,1,2,2-Tetrachloroeth...	11.195	84	89383	52.231	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	104.460%		
66) 1,2-Dichlorobenzene-d4	12.323	152	68064	52.094	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	104.180%		
Target Compounds						Qvalue
5) Vinyl chloride	1.374	62	534	0.916	ug/L #	1
6) Bromomethane	1.612	94	539	1.143	ug/L	81
8) Chloroethane	1.691	64	322	0.988	ug/L #	41
12) 1,1-Dichloroethene	2.319	96	1187	1.290	ug/L #	1
14) Carbon disulfide	2.514	76	3018	1.322	ug/L	99
16) Methylene chloride	2.788	84	1097	1.064	ug/L #	74
39) cis-1,3-Dichloropropene	8.330	75	2715	1.606	ug/L	98
42) Toluene	8.720	91	5558	1.262	ug/L	83
44) trans-1,3-Dichloropropene	8.946	75	1814	1.016	ug/L	100
63) 1,2,4-Trimethylbenzene	11.756	105	2806	0.678	ug/L	97
65) 1,4-Dichlorobenzene	12.043	146	1893	0.959	ug/L	90
67) 1,2-Dichlorobenzene	12.341	146	1622	0.825	ug/L #	88
69) 1,3,5-Trichlorobenzene	13.109	180	1217	0.886	ug/L #	88
70) 1,2,4-trichlorobenzene	13.597	180	1073	0.921	ug/L #	89
71) Naphthalene	13.780	128	2348	0.585	ug/L #	88
72) 1,2,3-Trichlorobenzene	13.963	180	969	0.806	ug/L #	62

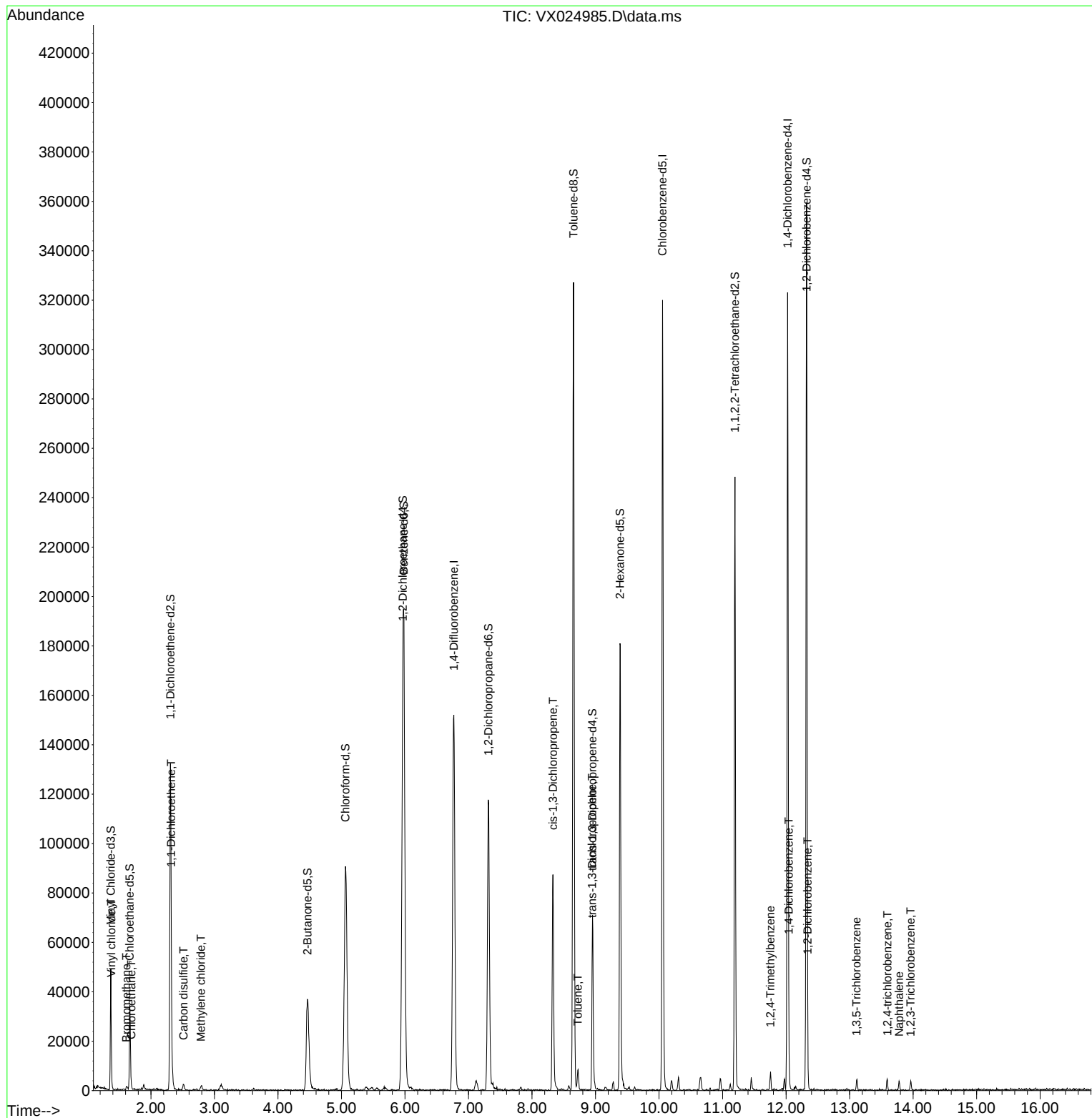
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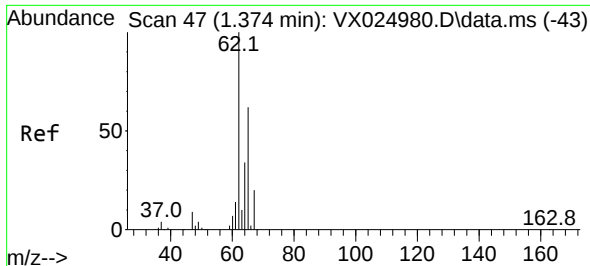
Instrument :
MSVOA_X
ClientSampleId :

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102821\
Data File : VX024985.D
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM102821WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Oct 28 04:48:27 2021
Response via : Initial Calibration

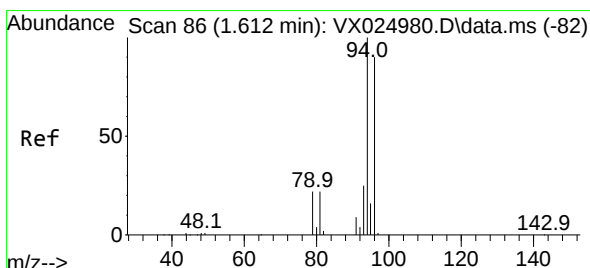
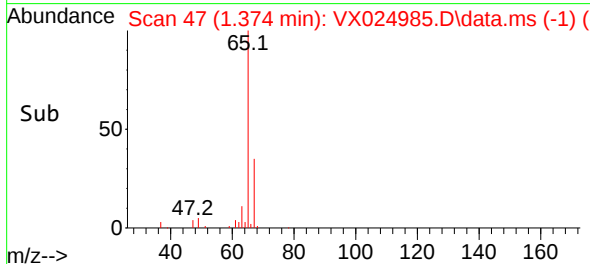
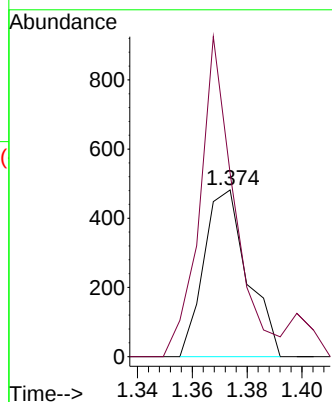
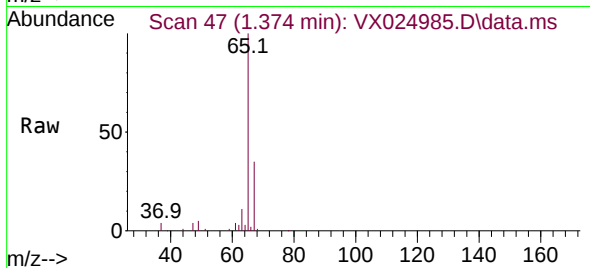




#5
 Vinyl chloride
 Concen: 0.916 ug/L
 RT: 1.374 min Scan# 47
 Delta R.T. -0.000 min
 Lab File: VX024985.D
 Acq: 27 Oct 2021 21:23

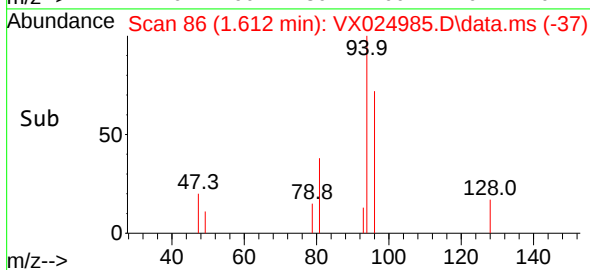
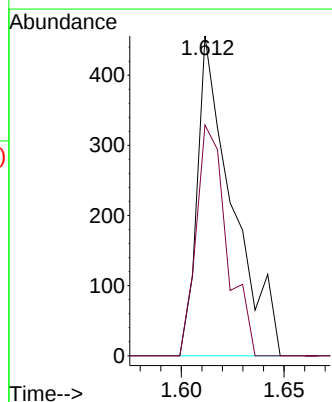
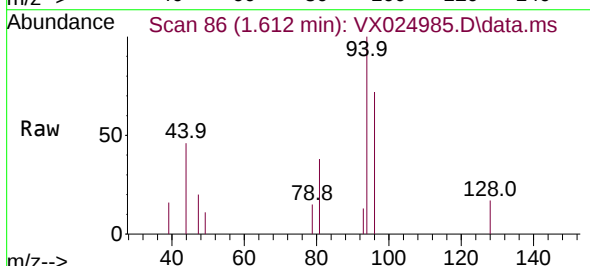
Instrument :
 MSVOA_X
 ClientSampled :

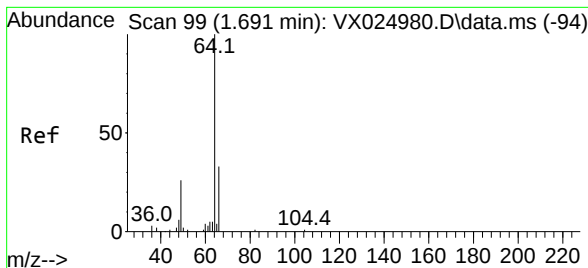
Tgt Ion: 62 Resp: 534
 Ion Ratio Lower Upper
 62 100
 64 110.0 23.6 43.8#



#6
 Bromomethane
 Concen: 1.143 ug/L
 RT: 1.612 min Scan# 86
 Delta R.T. -0.000 min
 Lab File: VX024985.D
 Acq: 27 Oct 2021 21:23

Tgt Ion: 94 Resp: 539
 Ion Ratio Lower Upper
 94 100
 96 72.1 62.9 116.9

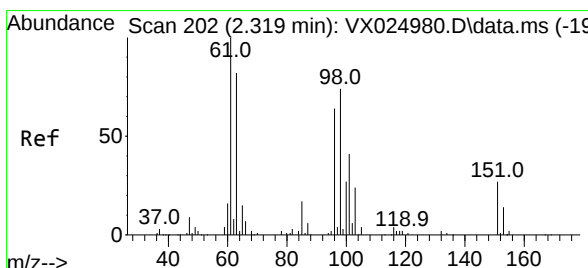
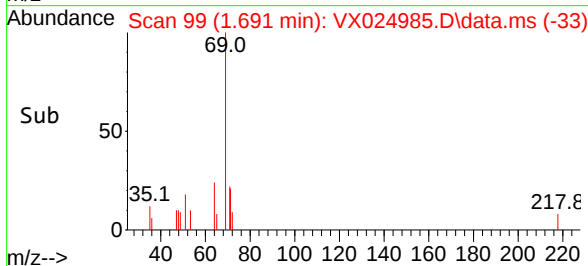
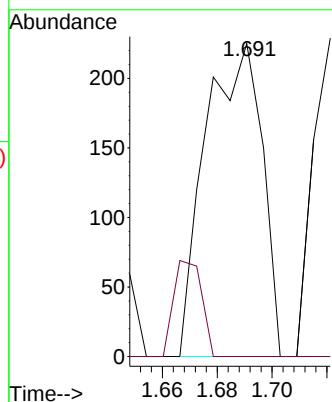
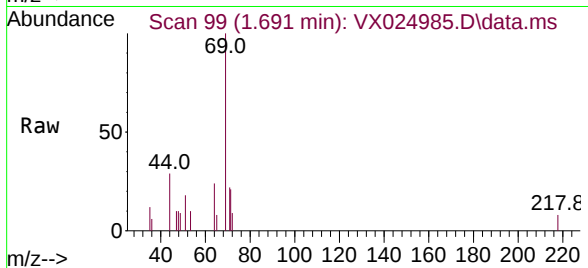




#8
Chloroethane
Concen: 0.988 ug/L
RT: 1.691 min Scan# 99
Delta R.T. -0.000 min
Lab File: VX024985.D
Acq: 27 Oct 2021 21:23

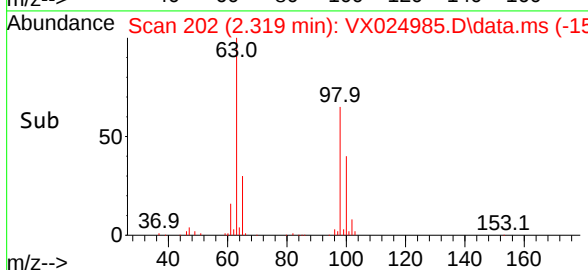
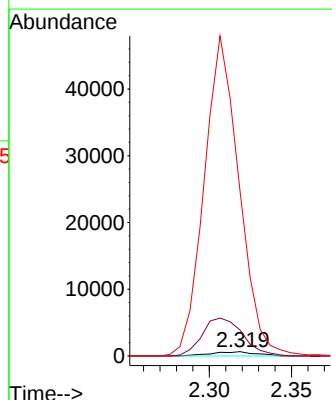
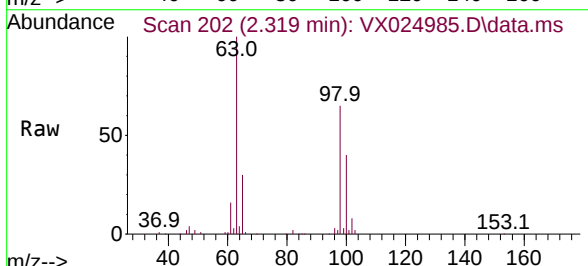
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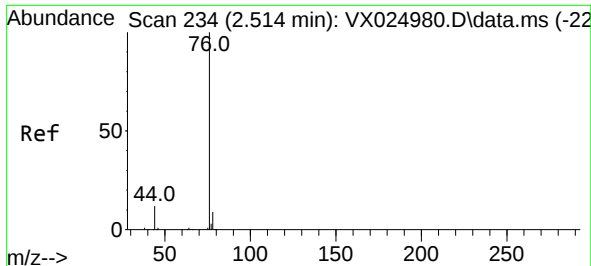
Tgt Ion: 64 Resp: 322
Ion Ratio Lower Upper
64 100
66 0.0 23.3 43.3#



#12
1,1-Dichloroethene
Concen: 1.290 ug/L
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX024985.D
Acq: 27 Oct 2021 21:23

Tgt Ion: 96 Resp: 1187
Ion Ratio Lower Upper
96 100
61 605.8 109.9 204.1#
63 3839.5 92.4 171.6#

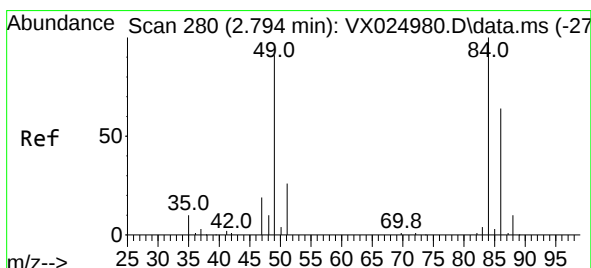
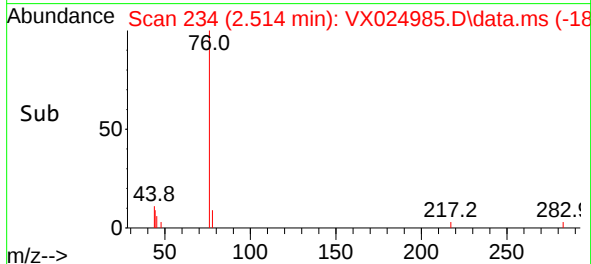
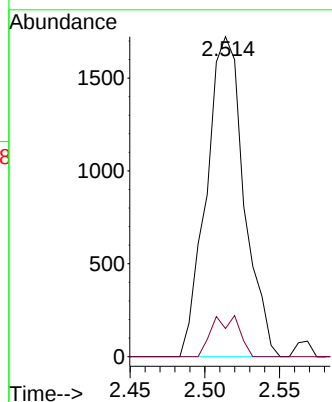
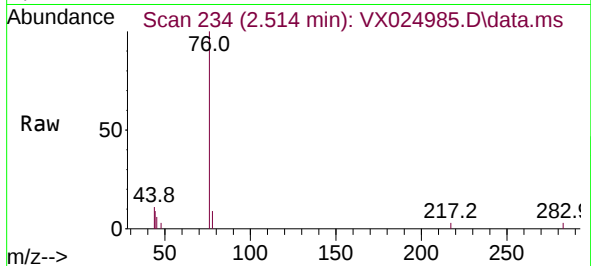




#14
Carbon disulfide
Concen: 1.322 ug/L
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX024985.D
Acq: 27 Oct 2021 21:23

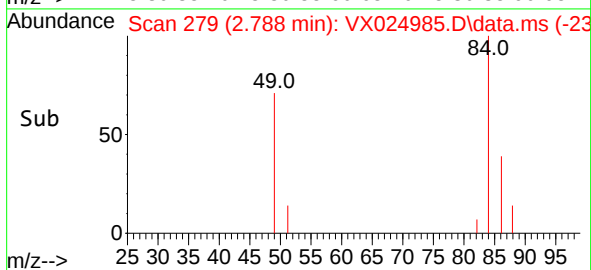
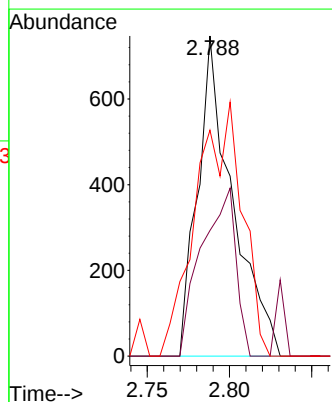
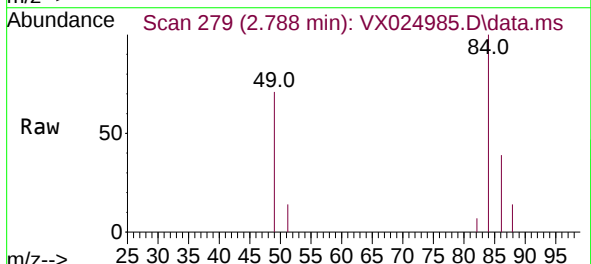
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MSVOA_X
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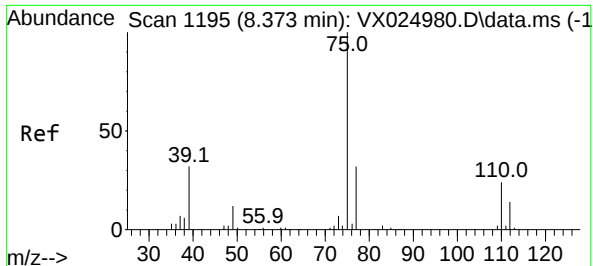
Tgt Ion: 76 Resp: 3018
Ion Ratio Lower Upper
76 100
78 8.8 7.2 10.8



#16
Methylene chloride
Concen: 1.064 ug/L
RT: 2.788 min Scan# 279
Delta R.T. -0.006 min
Lab File: VX024985.D
Acq: 27 Oct 2021 21:23

Tgt Ion: 84 Resp: 1097
Ion Ratio Lower Upper
84 100
86 39.2 44.4 82.5#
49 70.5 64.0 118.8

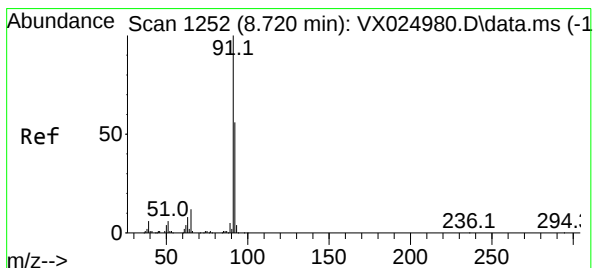
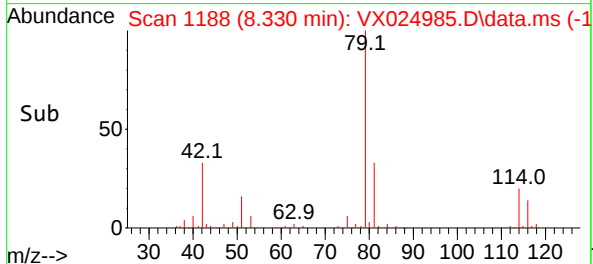
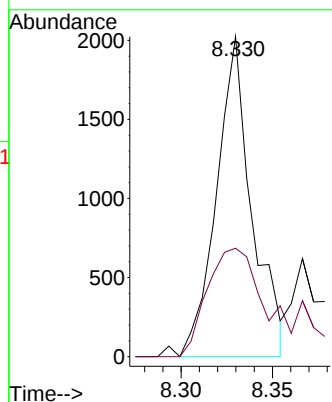
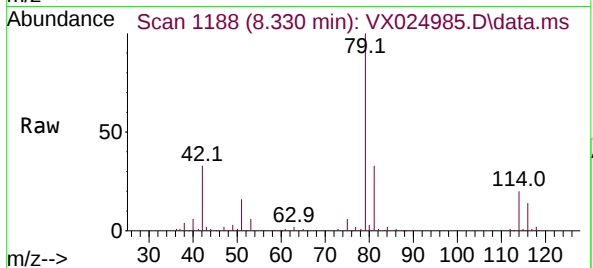




#39
 cis-1,3-Dichloropropene
 Concen: 1.606 ug/L
 RT: 8.330 min Scan# 1188
 Delta R.T. -0.043 min
 Lab File: VX024985.D
 Acq: 27 Oct 2021 21:23

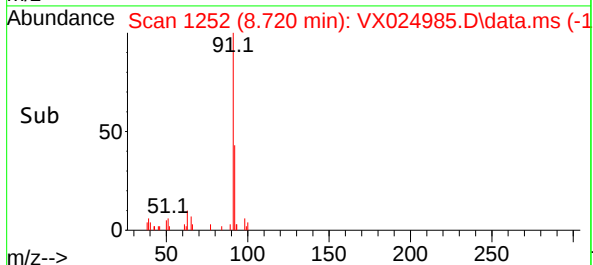
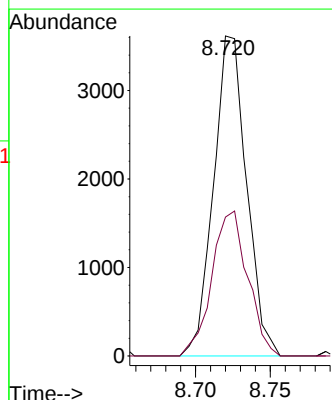
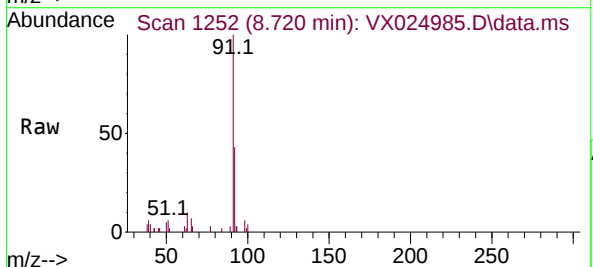
Instrument :
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 ClientSampled :

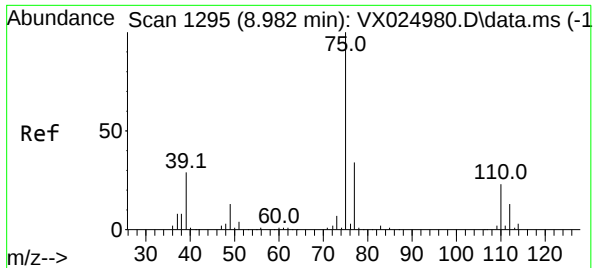
Tgt Ion: 75 Resp: 2715
 Ion Ratio Lower Upper
 75 100
 77 33.9 23.1 42.9



#42
 Toluene
 Concen: 1.262 ug/L
 RT: 8.720 min Scan# 1252
 Delta R.T. -0.000 min
 Lab File: VX024985.D
 Acq: 27 Oct 2021 21:23

Tgt Ion: 91 Resp: 5558
 Ion Ratio Lower Upper
 91 100
 92 43.4 39.3 72.9

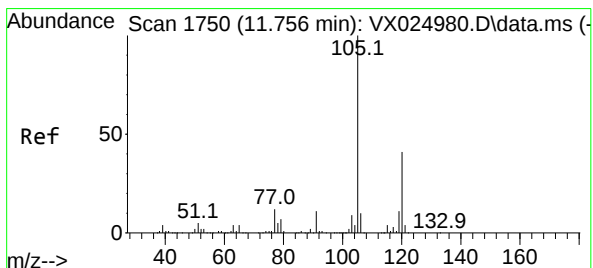
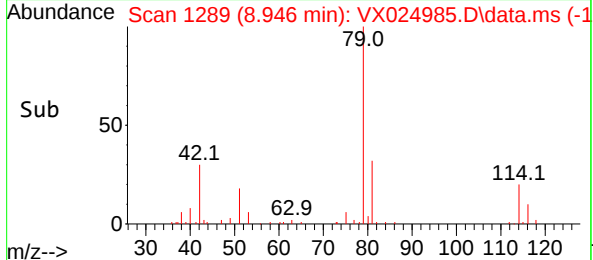
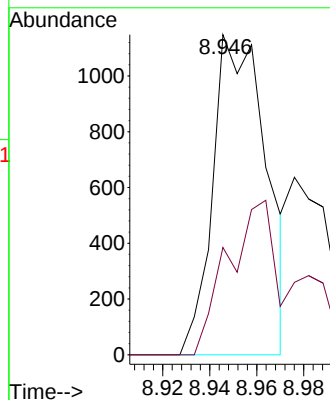
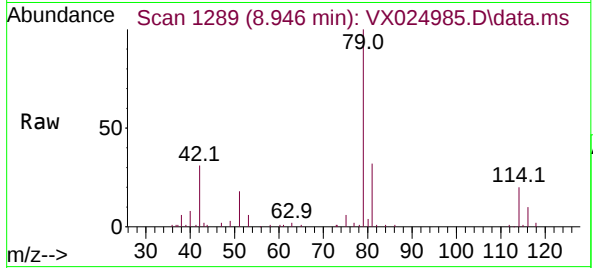




#44
trans-1,3-Dichloropropene
Concen: 1.016 ug/L
RT: 8.946 min Scan# 1289
Delta R.T. -0.037 min
Lab File: VX024985.D
Acq: 27 Oct 2021 21:23

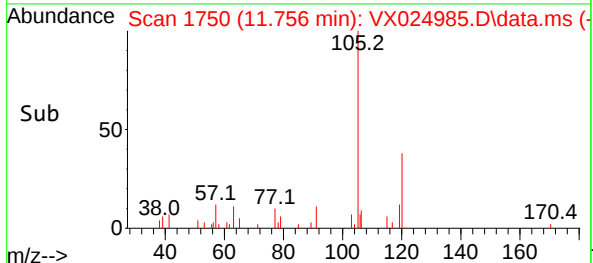
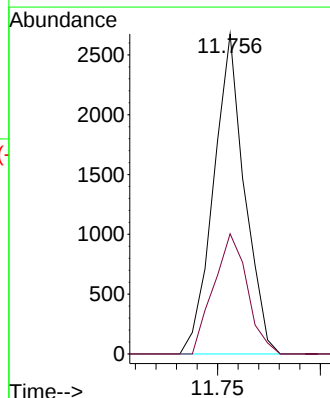
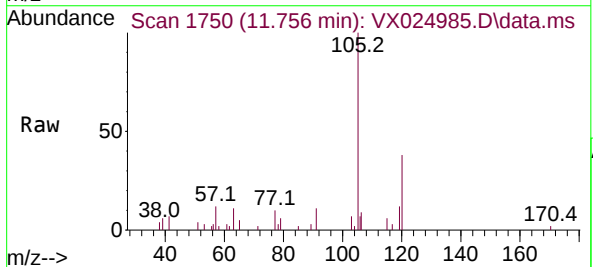
Instrument :
MSVOA_X
ClientSampled :

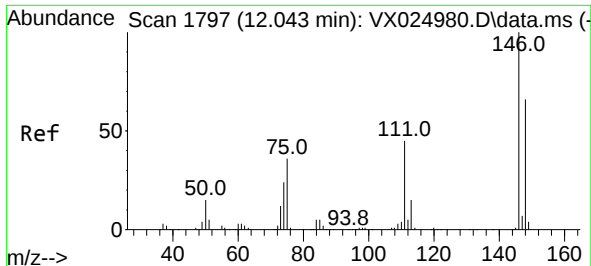
Tgt Ion: 75 Resp: 1814
Ion Ratio Lower Upper
75 100
77 33.5 23.4 43.6



#63
1,2,4-Trimethylbenzene
Concen: 0.678 ug/L
RT: 11.756 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VX024985.D
Acq: 27 Oct 2021 21:23

Tgt Ion:105 Resp: 2806
Ion Ratio Lower Upper
105 100
120 40.7 31.0 46.6

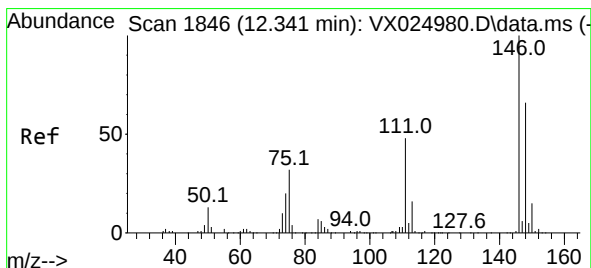
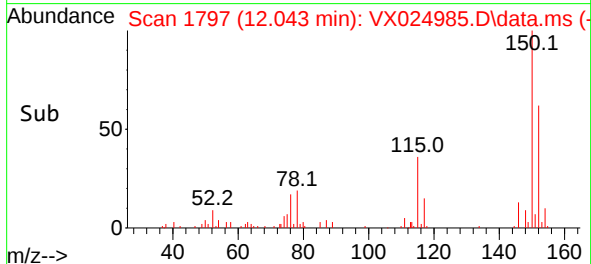
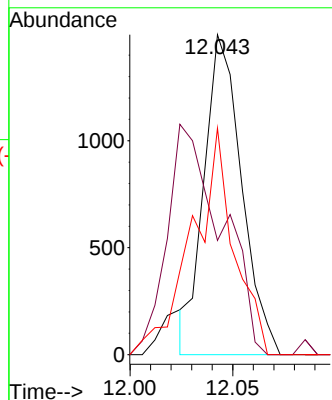
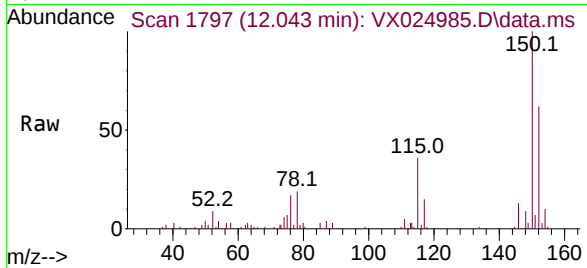




#65
1,4-Dichlorobenzene
Concen: 0.959 ug/L
RT: 12.043 min Scan# 1797
Delta R.T. -0.000 min
Lab File: VX024985.D
Acq: 27 Oct 2021 21:23

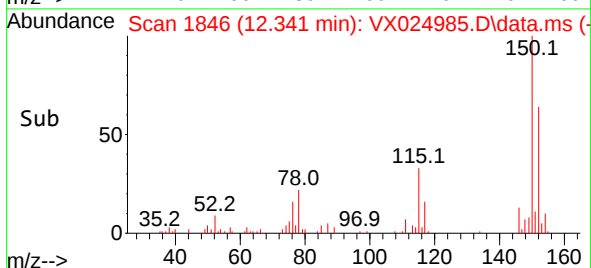
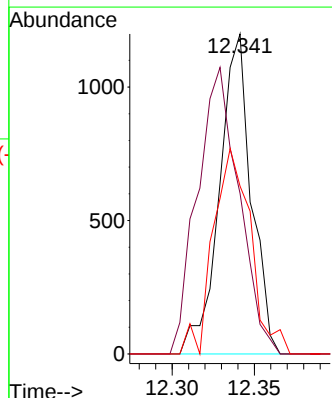
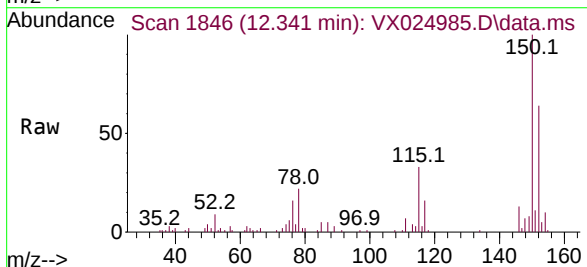
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MSVOA_X
ClientSampled :

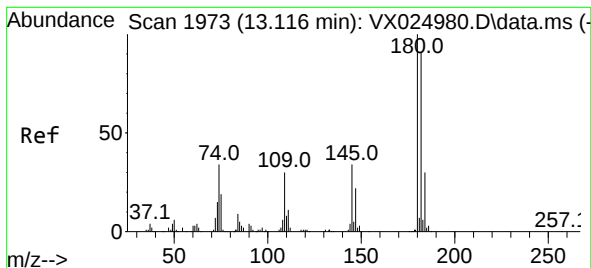
Tgt Ion:146 Resp: 1893
Ion Ratio Lower Upper
146 100
111 35.7 31.8 59.0
148 70.8 46.1 85.5



#67
1,2-Dichlorobenzene
Concen: 0.825 ug/L
RT: 12.341 min Scan# 1846
Delta R.T. -0.000 min
Lab File: VX024985.D
Acq: 27 Oct 2021 21:23

Tgt Ion:146 Resp: 1622
Ion Ratio Lower Upper
146 100
111 50.2 38.5 57.7
148 52.5 53.2 79.8#





#69

1,3,5-Trichlorobenzene

Concen: 0.886 ug/L

RT: 13.109 min Scan# 1972

Delta R.T. -0.006 min

Lab File: VX024985.D

Acq: 27 Oct 2021 21:23

Tgt Ion:180 Resp: 1217

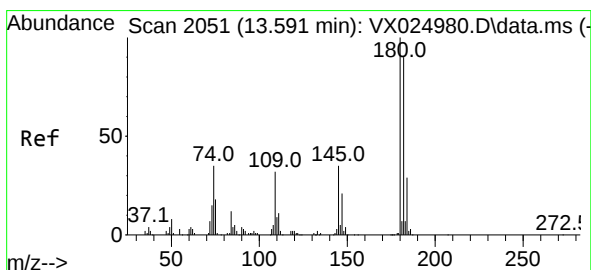
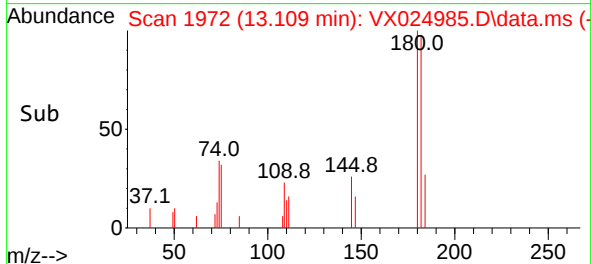
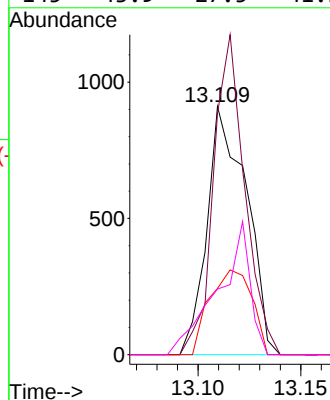
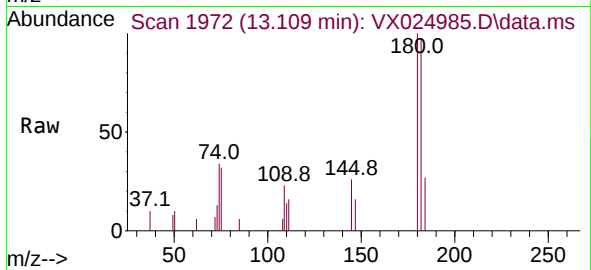
Ion Ratio Lower Upper

180 100

182 102.1 74.2 111.4

184 36.6 23.7 35.5#

145 43.9 27.5 41.3#



#70

1,2,4-trichlorobenzene

Concen: 0.921 ug/L

RT: 13.597 min Scan# 2052

Delta R.T. 0.006 min

Lab File: VX024985.D

Acq: 27 Oct 2021 21:23

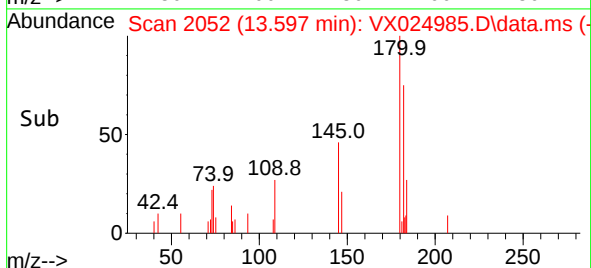
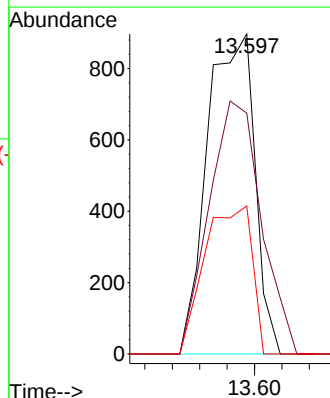
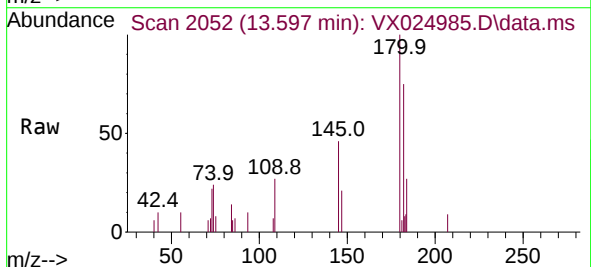
Tgt Ion:180 Resp: 1073

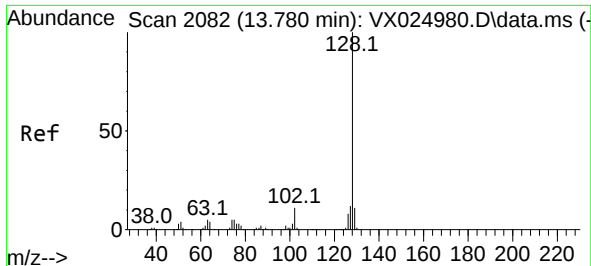
Ion Ratio Lower Upper

180 100

182 87.4 76.4 114.6

145 46.3 28.8 43.2#

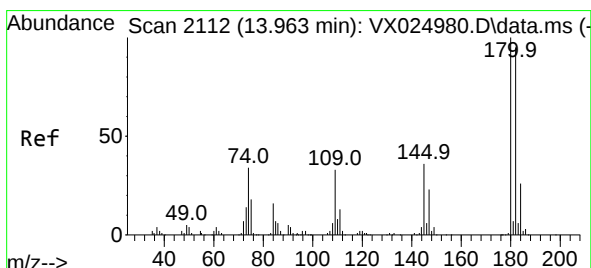
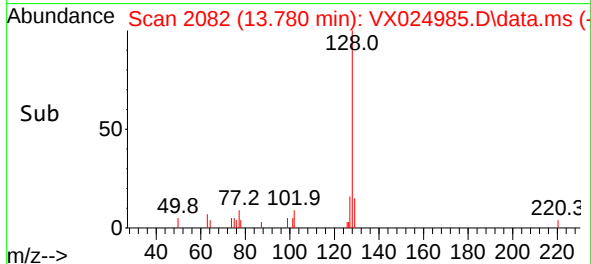
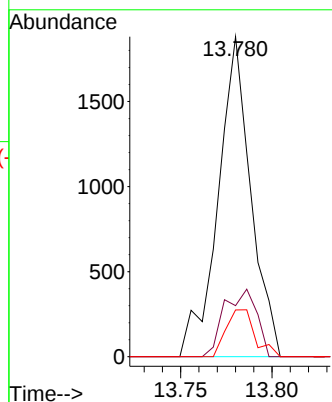
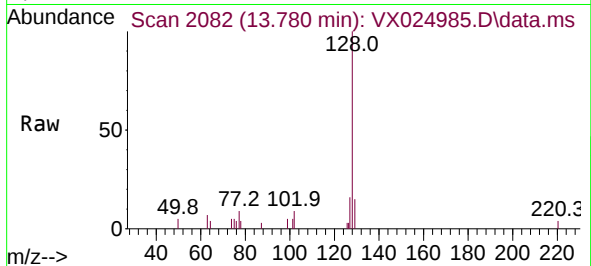




#71
Naphthalene
Concen: 0.585 ug/L
RT: 13.780 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VX024985.D
Acq: 27 Oct 2021 21:23

Instrument :
MSVOA_X
ClientSampled :

Tgt Ion:128 Resp: 2348
Ion Ratio Lower Upper
128 100
127 20.8 10.6 15.8#
129 12.8 9.1 13.7



#72
1,2,3-Trichlorobenzene
Concen: 0.806 ug/L
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX024985.D
Acq: 27 Oct 2021 21:23

Tgt Ion:180 Resp: 969
Ion Ratio Lower Upper
180 100
182 50.6 73.3 109.9#
145 50.3 29.0 43.4#

