

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071922\
 Data File : VX030115.D
 Acq On : 19 Jul 2022 13:41
 Operator : JC/MD
 Sample : VIBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VIBLK649

Quant Time: Jul 20 08:37:10 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML071922WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jul 20 07:48:58 2022
 Response via : Initial Calibration

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

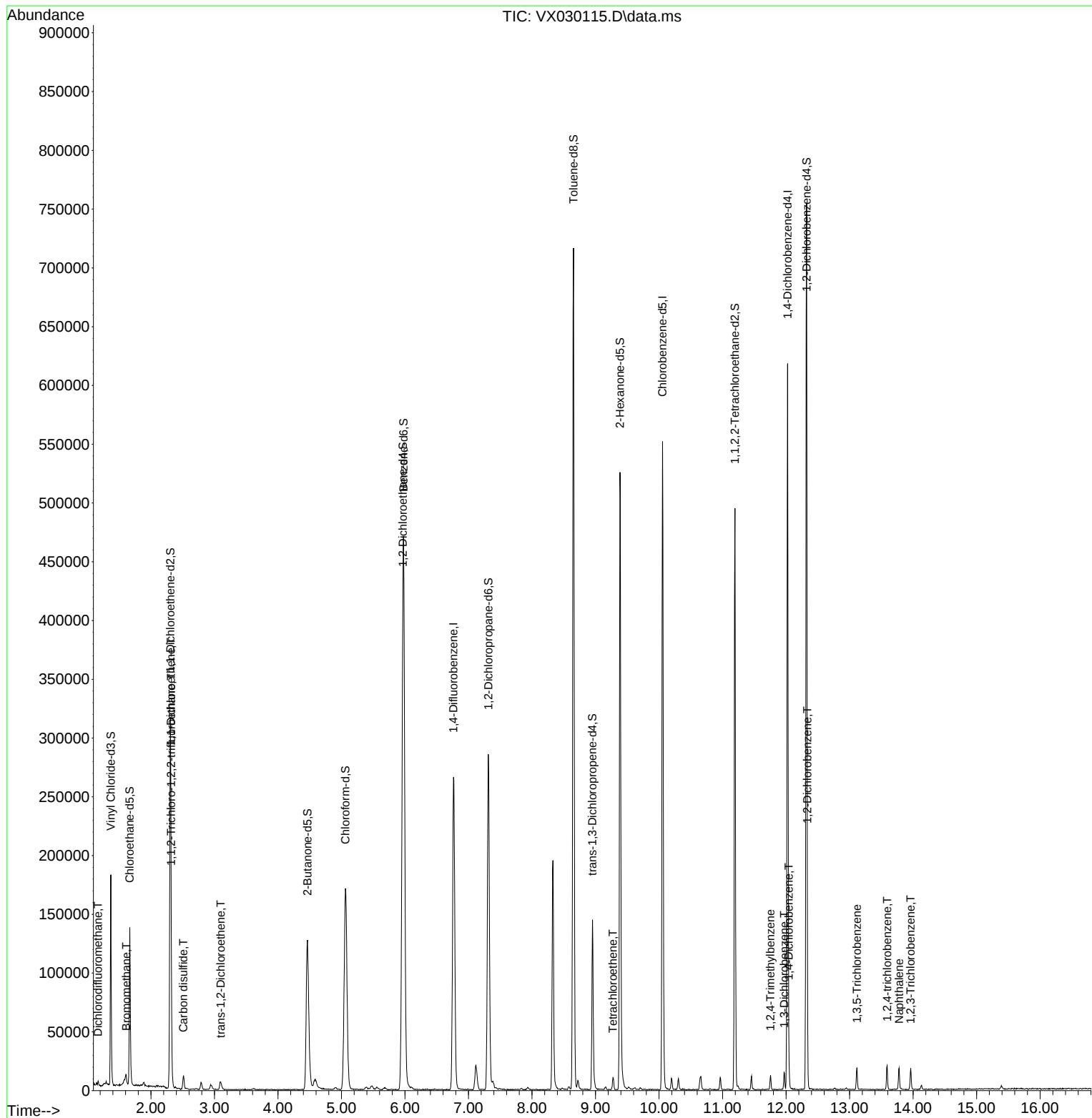
Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	282246	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	249576	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	118354	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	105431	47.890	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	95.780%	
7) Chloroethane-d5	1.666	69	82057	53.861	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	=	107.720%	
11) 1,1-Dichloroethene-d2	2.306	63	167989	39.449	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	78.900%	
21) 2-Butanone-d5	4.465	46	223028	103.012	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	103.010%	
24) Chloroform-d	5.062	84	215926	48.309	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	96.620%	
26) 1,2-Dichloroethane-d4	5.964	65	138512	49.535	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	99.080%	
32) Benzene-d6	5.977	84	480107	52.261	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	104.520%	
36) 1,2-Dichloropropane-d6	7.312	67	153141	51.982	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	103.960%	
41) Toluene-d8	8.653	98	428067	51.068	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	102.140%	
43) trans-1,3-Dichloroprop...	8.952	79	64243	51.349	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	102.700%	
47) 2-Hexanone-d5	9.384	63	154266	104.422	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	104.420%	
56) 1,1,2,2-Tetrachloroeth...	11.195	84	195865	49.823	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	99.640%	
66) 1,2-Dichlorobenzene-d4	12.323	152	146354	53.345	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	106.680%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	1839	0.778	ug/L	98
6) Bromomethane	1.611	94	1311	1.320	ug/L	89
10) 1,1,2-Trichloro-1,2,2-...	2.319	101	3385	1.680	ug/L #	60
12) 1,1-Dichloroethene	2.313	96	2496	1.285	ug/L #	1
14) Carbon disulfide	2.508	76	13496	2.468	ug/L	97
17) trans-1,2-Dichloroethene	3.099	96	2688	1.300	ug/L	70
46) Tetrachloroethene	9.275	164	1830	1.135	ug/L	91
63) 1,2,4-Trimethylbenzene	11.756	105	5036	0.705	ug/L	95
64) 1,3-Dichlorobenzene	11.969	146	4480	1.174	ug/L	96
65) 1,4-Dichlorobenzene	12.043	146	5473	1.427	ug/L	94
67) 1,2-Dichlorobenzene	12.335	146	3533	0.910	ug/L #	82
69) 1,3,5-Trichlorobenzene	13.116	180	4191	1.627	ug/L	100
70) 1,2,4-trichlorobenzene	13.591	180	4464	1.974	ug/L	91
71) Naphthalene	13.780	128	11458	1.239	ug/L	97
72) 1,2,3-Trichlorobenzene	13.963	180	4411	1.836	ug/L	97

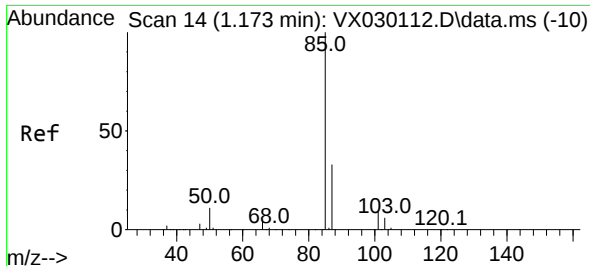
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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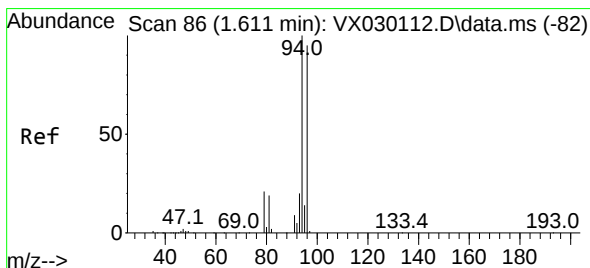
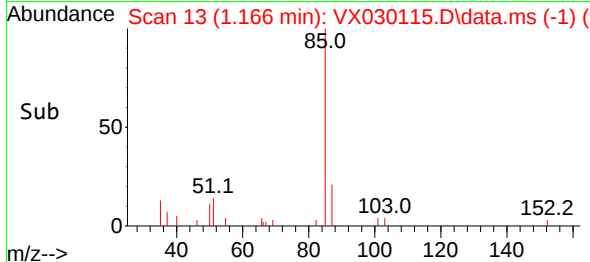
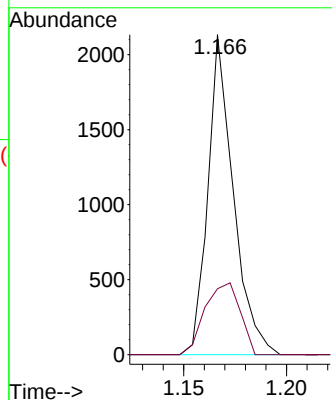
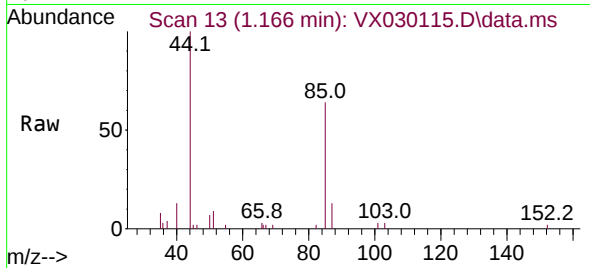




#2
 Dichlorodifluoromethane
 Concen: 0.778 ug/L
 RT: 1.166 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VX030115.D
 Acq: 19 Jul 2022 13:41

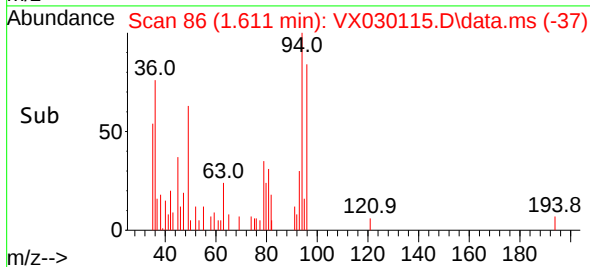
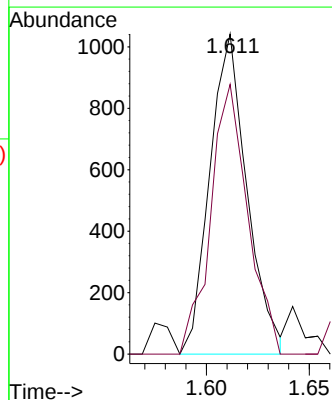
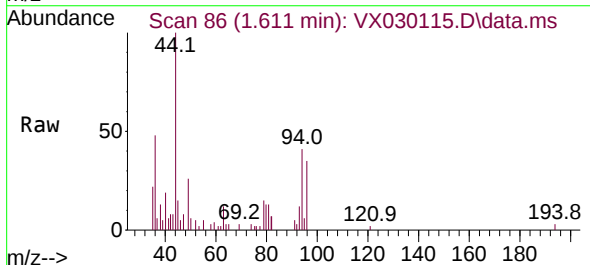
Instrument :
 MSVOA_X
 ClientSampleId :
 VIBLK649

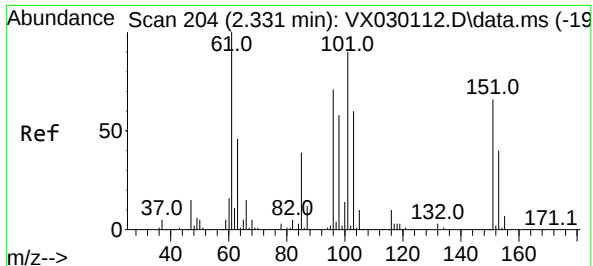
Tgt Ion: 85 Resp: 1839
 Ion Ratio Lower Upper
 85 100
 87 30.8 25.7 38.5



#6
 Bromomethane
 Concen: 1.320 ug/L
 RT: 1.611 min Scan# 86
 Delta R.T. 0.000 min
 Lab File: VX030115.D
 Acq: 19 Jul 2022 13:41

Tgt Ion: 94 Resp: 1311
 Ion Ratio Lower Upper
 94 100
 96 84.3 66.5 123.5

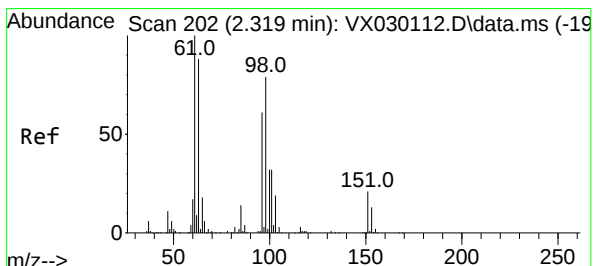
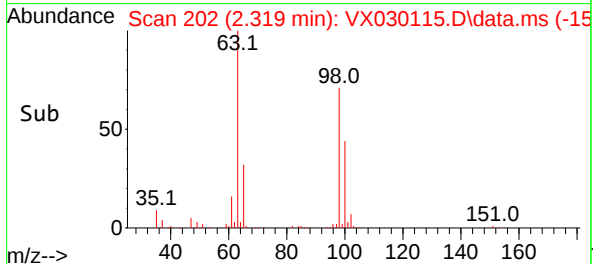
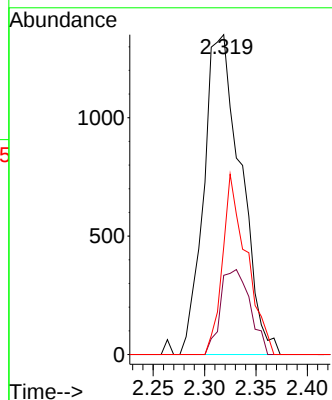
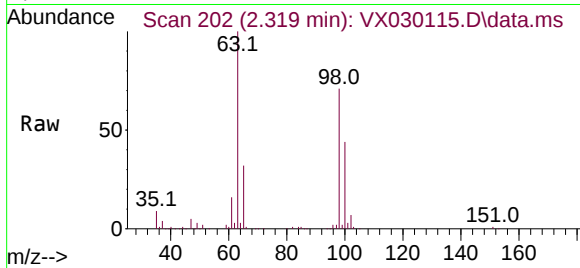




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 1.680 ug/L
 RT: 2.319 min Scan# 201
 Delta R.T. -0.012 min
 Lab File: VX030115.D
 Acq: 19 Jul 2022 13:41

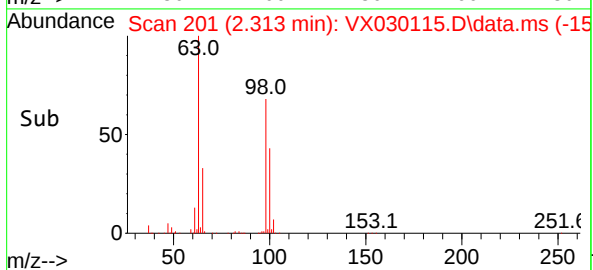
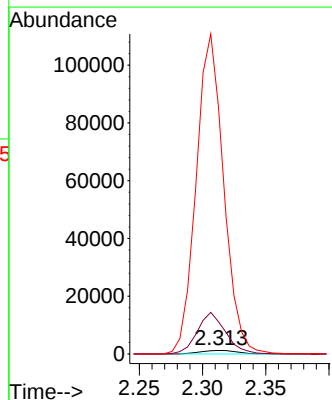
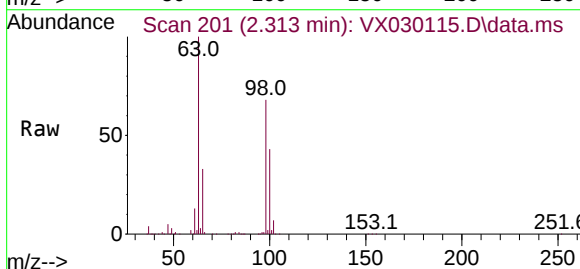
Instrument :
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 ClientSampleId :
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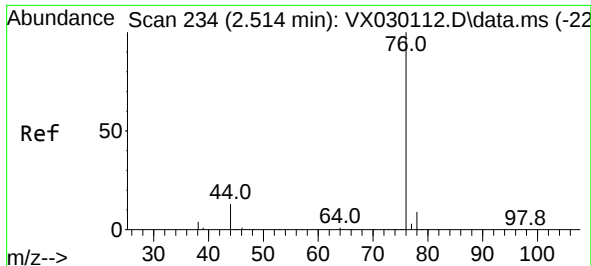
Tgt Ion: 101 Resp: 3385
 Ion Ratio Lower Upper
 101 100
 85 21.2 34.1 51.1#
 151 36.7 59.4 89.2#



#12
 1,1-Dichloroethene
 Concen: 1.285 ug/L
 RT: 2.313 min Scan# 201
 Delta R.T. -0.006 min
 Lab File: VX030115.D
 Acq: 19 Jul 2022 13:41

Tgt Ion: 96 Resp: 2496
 Ion Ratio Lower Upper
 96 100
 61 914.7 115.1 213.7#
 63 7014.6 104.1 193.3#

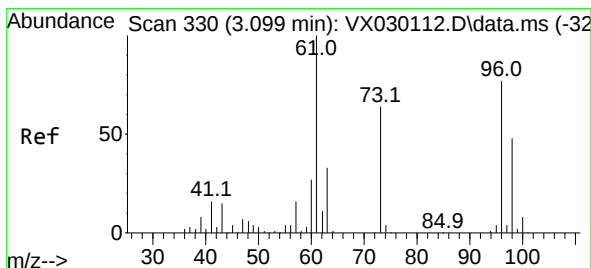
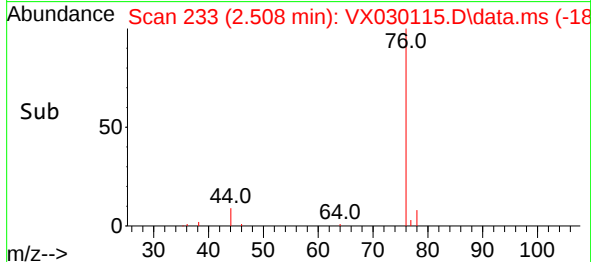
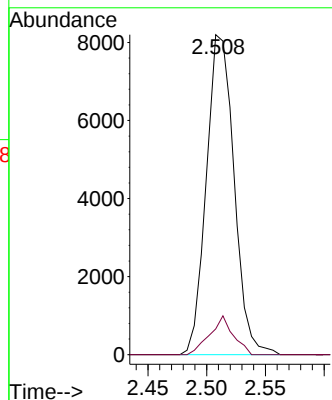
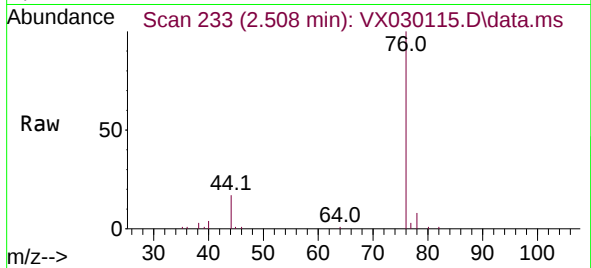




#14
Carbon disulfide
Concen: 2.468 ug/L
RT: 2.508 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX030115.D
Acq: 19 Jul 2022 13:41

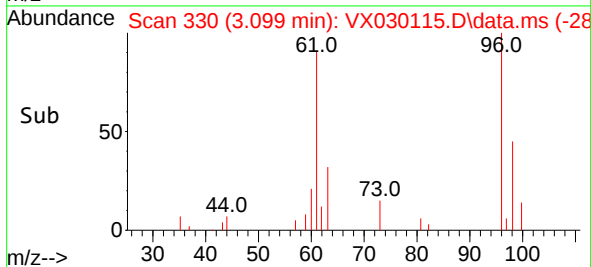
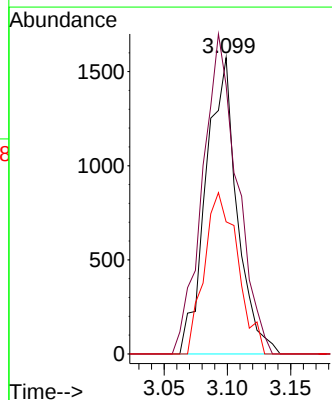
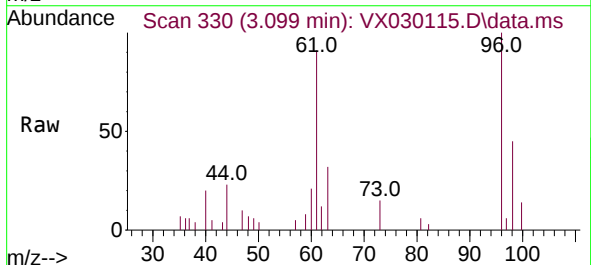
Instrument :
MSVOA_X
ClientSampleId :
VIBLK649

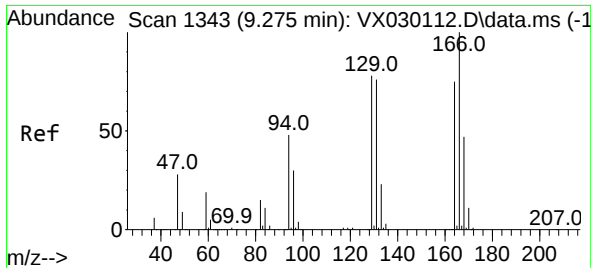
Tgt Ion: 76 Resp: 13496
Ion Ratio Lower Upper
76 100
78 8.0 7.3 10.9



#17
trans-1,2-Dichloroethene
Concen: 1.300 ug/L
RT: 3.099 min Scan# 330
Delta R.T. 0.000 min
Lab File: VX030115.D
Acq: 19 Jul 2022 13:41

Tgt Ion: 96 Resp: 2688
Ion Ratio Lower Upper
96 100
61 90.7 90.4 168.0
98 44.6 43.8 81.4



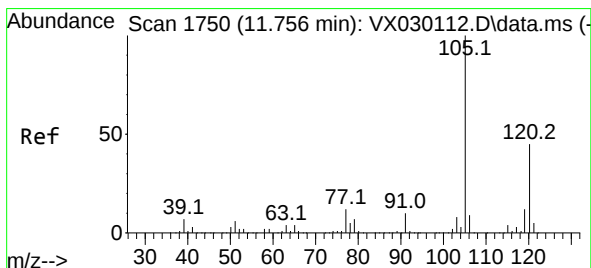
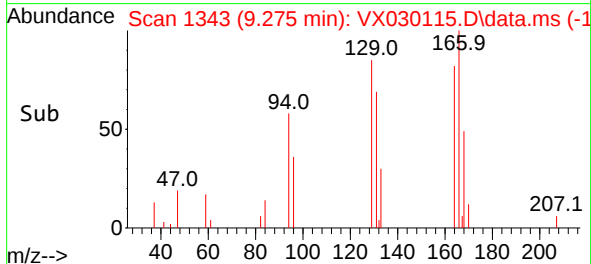
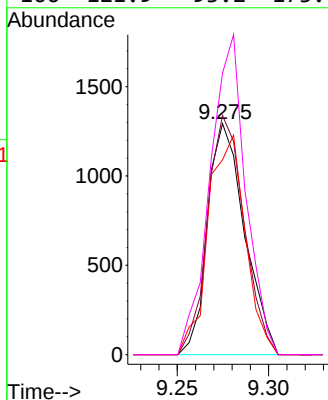
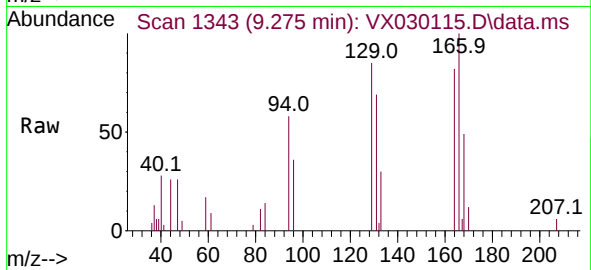


#46
 Tetrachloroethene
 Concen: 1.135 ug/L
 RT: 9.275 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX030115.D
 Acq: 19 Jul 2022 13:41

Instrument :
 MSVOA_X
 ClientSampleId :
 VIBLK649

Tgt Ion:164 Resp: 1830

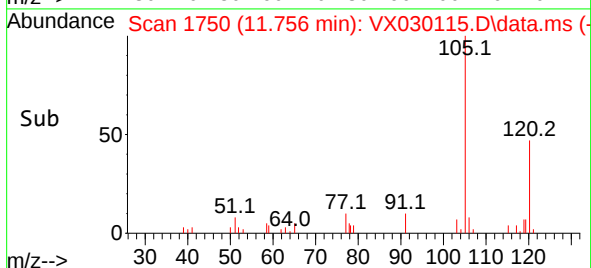
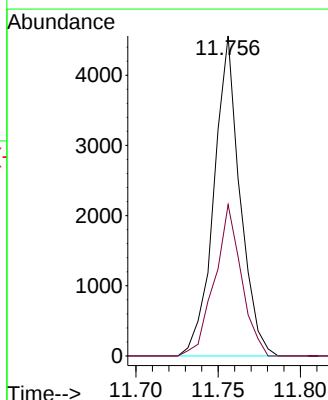
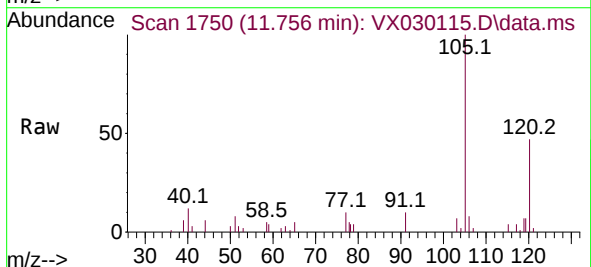
Ion	Ratio	Lower	Upper
164	100		
129	103.6	73.0	135.6
131	84.4	70.7	131.3
166	121.9	93.2	173.0

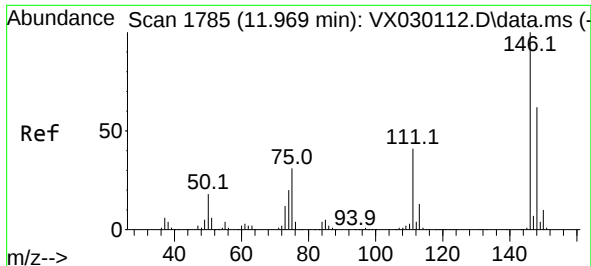


#63
 1,2,4-Trimethylbenzene
 Concen: 0.705 ug/L
 RT: 11.756 min Scan# 1750
 Delta R.T. 0.000 min
 Lab File: VX030115.D
 Acq: 19 Jul 2022 13:41

Tgt Ion:105 Resp: 5036

Ion	Ratio	Lower	Upper
105	100		
120	48.4	36.2	54.4

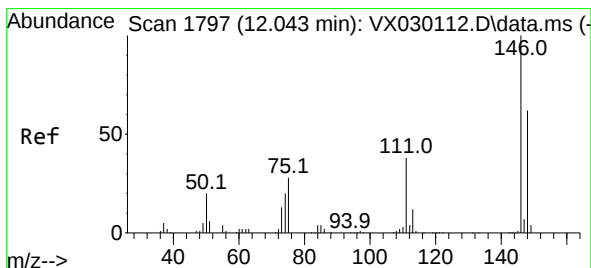
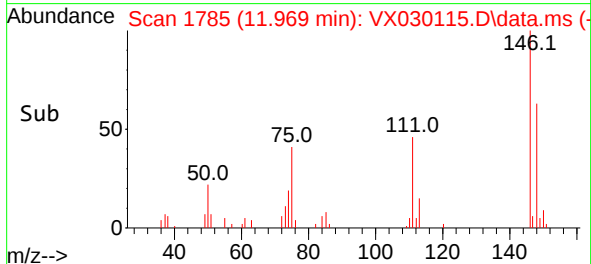
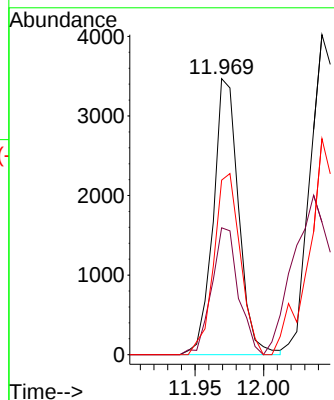
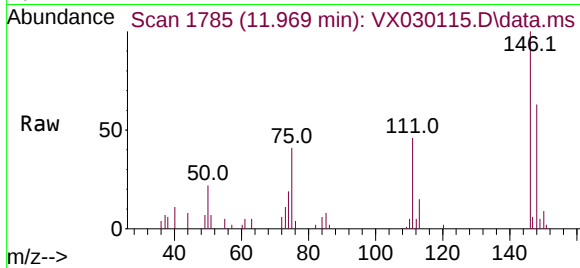




#64
1,3-Dichlorobenzene
Concen: 1.174 ug/L
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX030115.D
Acq: 19 Jul 2022 13:41

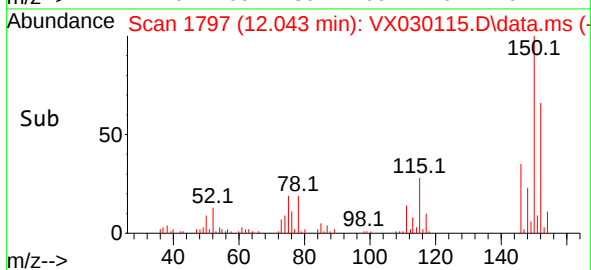
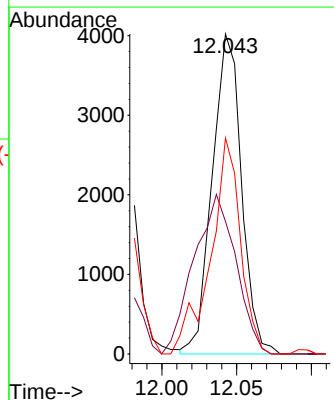
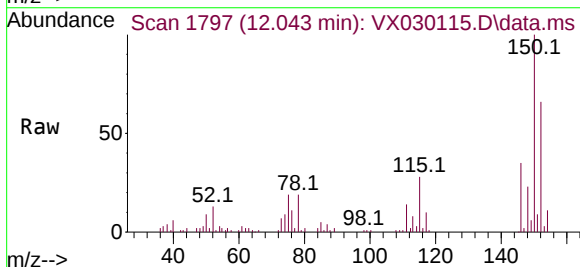
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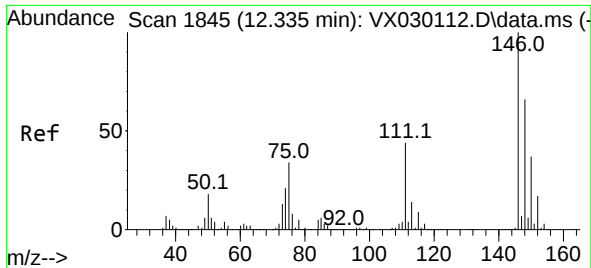
Tgt Ion:146 Resp: 4480
Ion Ratio Lower Upper
146 100
111 45.9 28.4 52.8
148 63.2 43.6 81.0



#65
1,4-Dichlorobenzene
Concen: 1.427 ug/L
RT: 12.043 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX030115.D
Acq: 19 Jul 2022 13:41

Tgt Ion:146 Resp: 5473
Ion Ratio Lower Upper
146 100
111 41.4 27.0 50.2
148 67.5 43.8 81.3

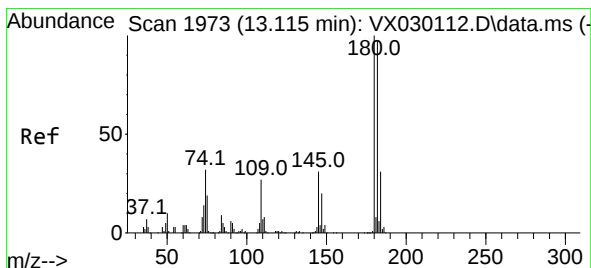
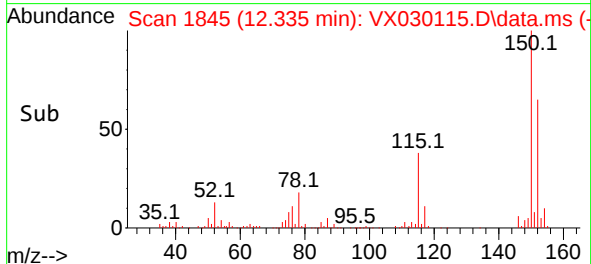
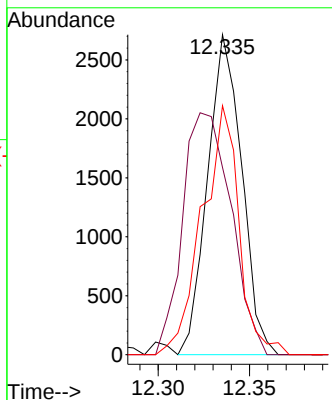
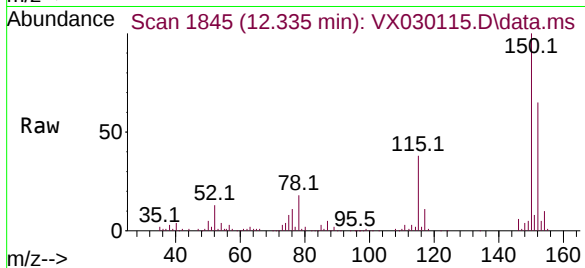




#67
1,2-Dichlorobenzene
Concen: 0.910 ug/L
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX030115.D
Acq: 19 Jul 2022 13:41

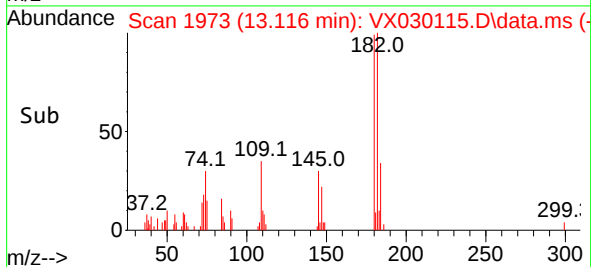
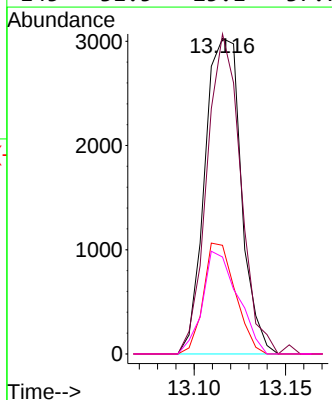
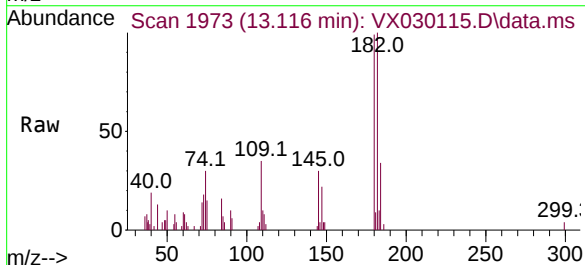
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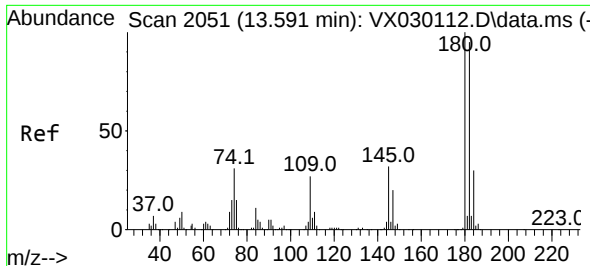
Tgt Ion:146 Resp: 3533
Ion Ratio Lower Upper
146 100
111 58.5 35.4 53.0#
148 77.8 52.5 78.7



#69
1,3,5-Trichlorobenzene
Concen: 1.627 ug/L
RT: 13.116 min Scan# 1973
Delta R.T. 0.000 min
Lab File: VX030115.D
Acq: 19 Jul 2022 13:41

Tgt Ion:180 Resp: 4191
Ion Ratio Lower Upper
180 100
182 93.9 75.1 112.7
184 30.8 23.8 35.6
145 31.5 25.1 37.7

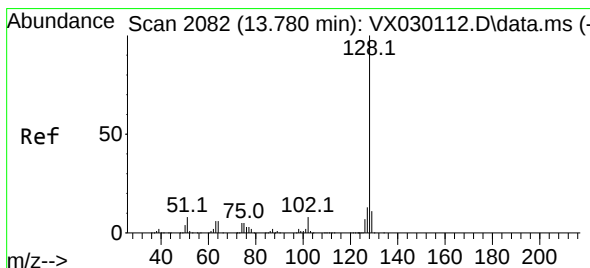
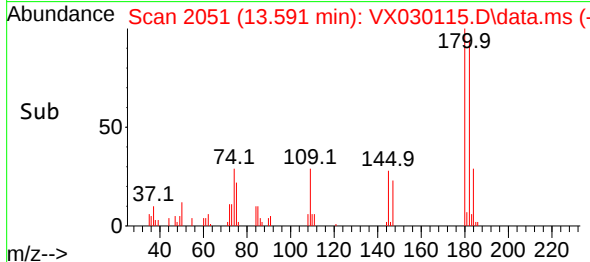
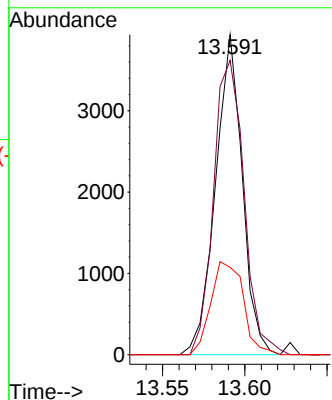
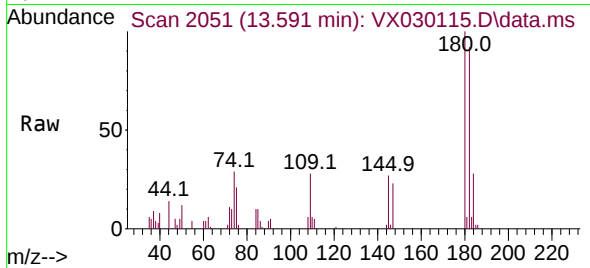




#70
1,2,4-trichlorobenzene
Concen: 1.974 ug/L
RT: 13.591 min Scan# 2051
Delta R.T. 0.000 min
Lab File: VX030115.D
Acq: 19 Jul 2022 13:41

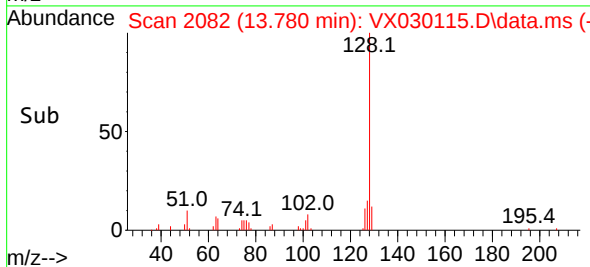
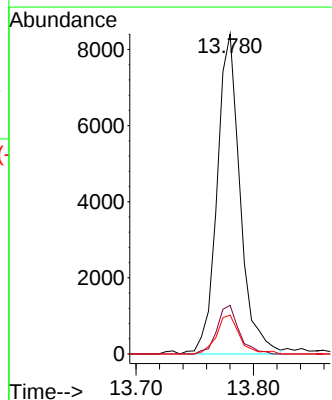
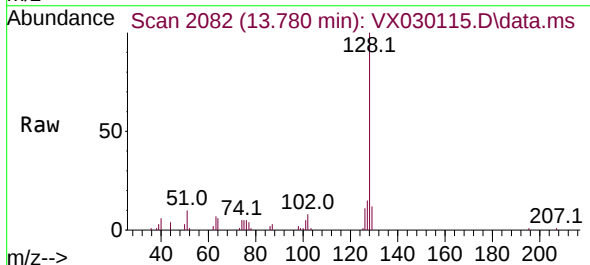
Instrument :
MSVOA_X
ClientSampleId :
VIBLK649

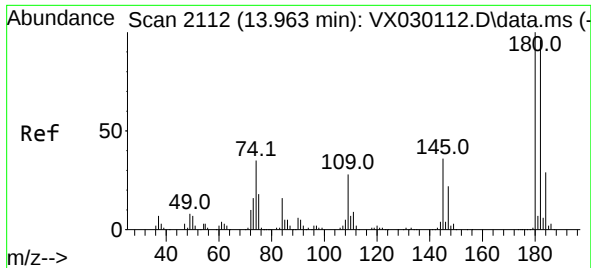
Tgt Ion:180 Resp: 4464
Ion Ratio Lower Upper
180 100
182 104.5 75.2 112.8
145 35.1 26.2 39.2



#71
Naphthalene
Concen: 1.239 ug/L
RT: 13.780 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VX030115.D
Acq: 19 Jul 2022 13:41

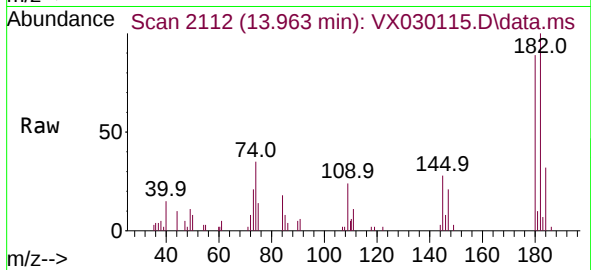
Tgt Ion:128 Resp: 11458
Ion Ratio Lower Upper
128 100
127 14.5 10.3 15.5
129 11.8 8.7 13.1





#72
 1,2,3-Trichlorobenzene
 Concen: 1.836 ug/L
 RT: 13.963 min Scan# 2112
 Delta R.T. 0.000 min
 Lab File: VX030115.D
 Acq: 19 Jul 2022 13:41

Instrument :
 MSVOA_X
 ClientSampleId :
 VIBLK649



Tgt Ion:	180	Resp:	4411
Ion	Ratio	Lower	Upper
180	100		
182	91.3	75.9	113.9
145	33.4	28.0	42.0

