

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071922\
 Data File : VX030115.D
 Acq On : 19 Jul 2022 13:41
 Operator : JC/MD
 Sample : VIBLK649
 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)

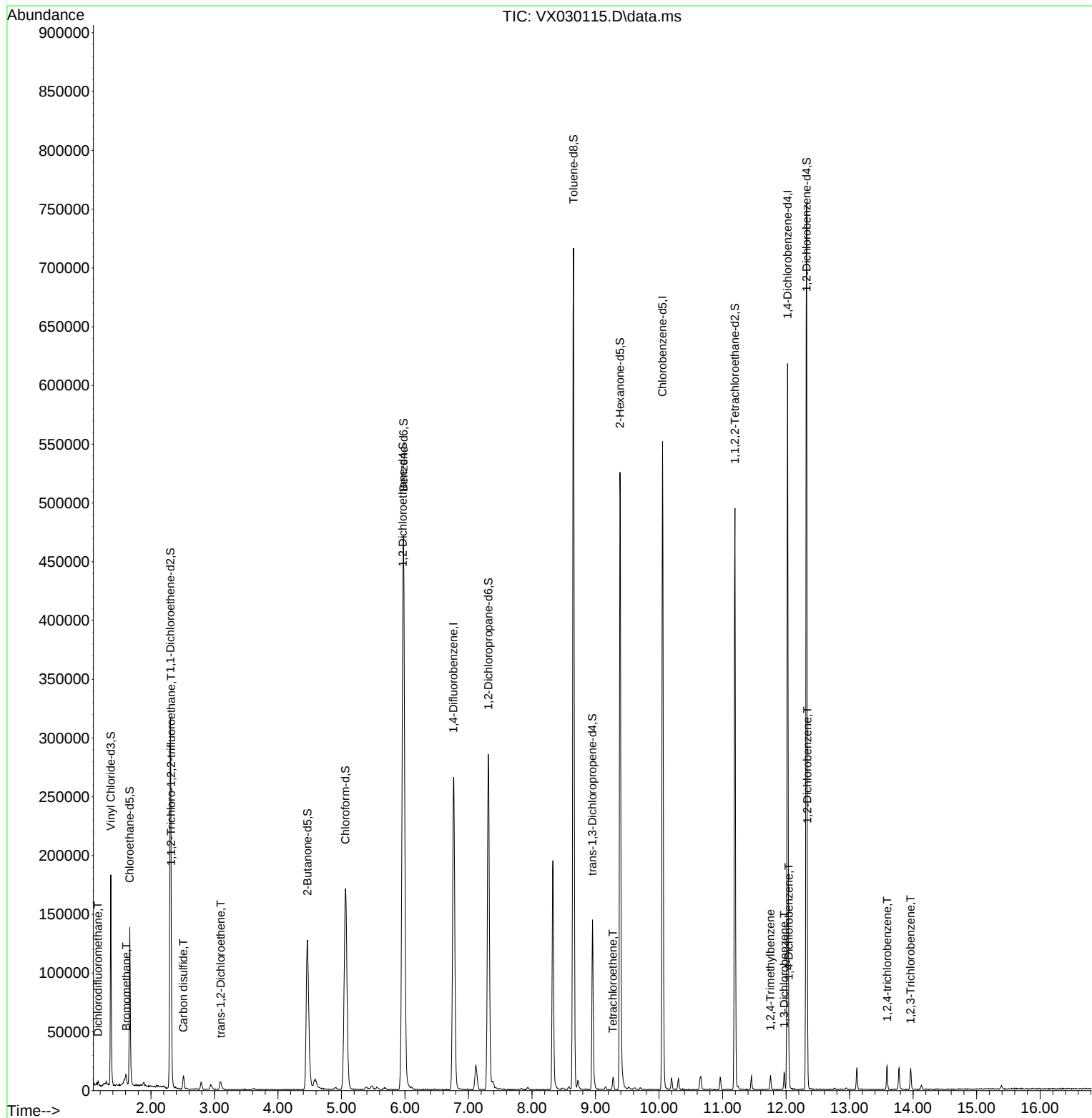
Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	282246	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	249576	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	118354	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	105431	47.890	ug/L	0.00
Spiked Amount	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
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
70) 1,2,4-trichlorobenzene	13.591	180	4464	1.974	ug/L	91
72) 1,2,3-Trichlorobenzene	13.963	180	4411	1.836	ug/L	97

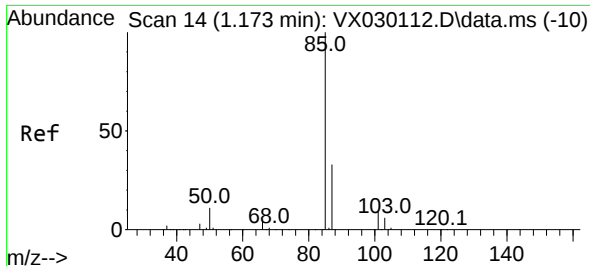
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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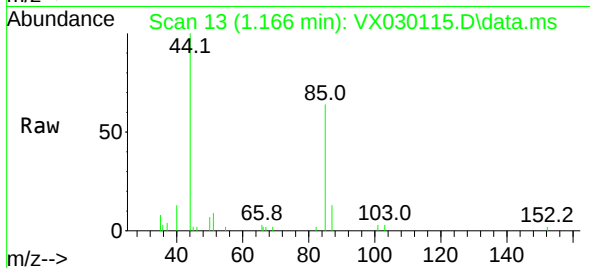
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM071922WMA.M
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QLast Update : Wed Jul 20 07:48:58 2022
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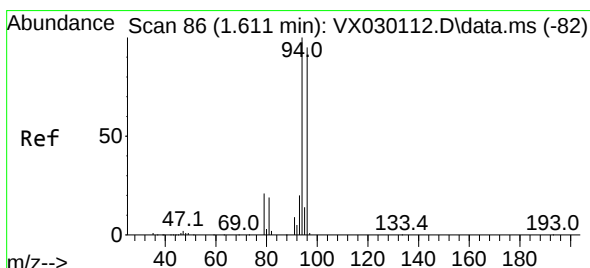
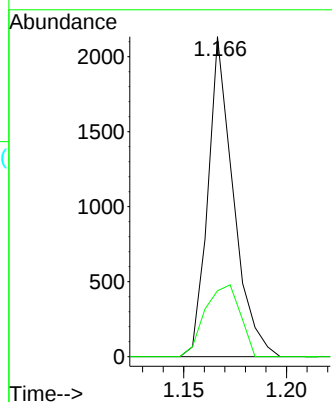
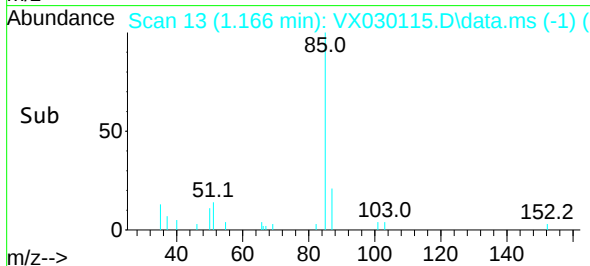


#2
Dichlorodifluoromethane
Concen: 0.778 ug/L
RT: 1.166 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX030115.D
Acq: 19 Jul 2022 13:41

Instrument :
MSVOA_X
ClientSampleId :
VIBLK649

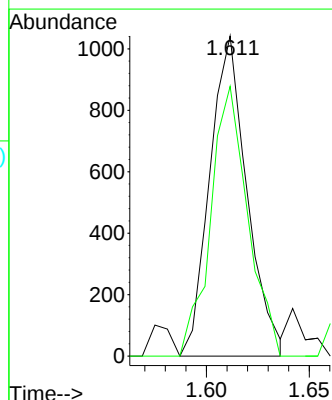
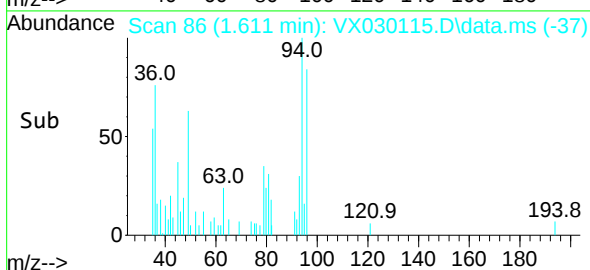
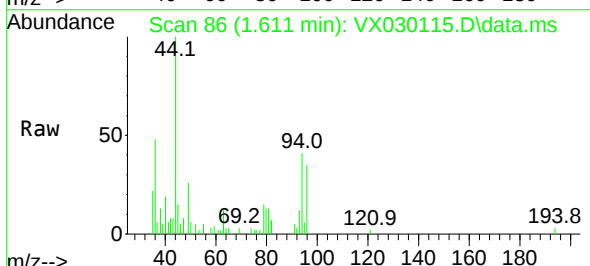


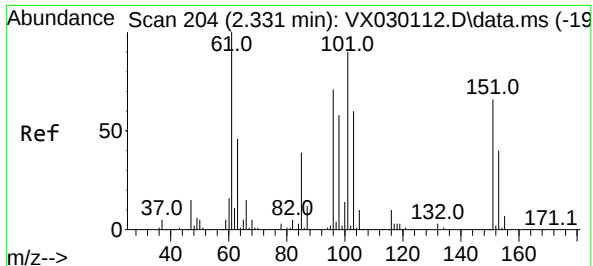
Tgt Ion: 85 Resp: 1839
Ion Ratio Lower Upper
85 100
87 30.8 25.7 38.5



#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

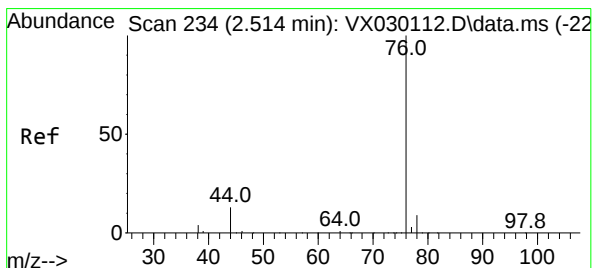
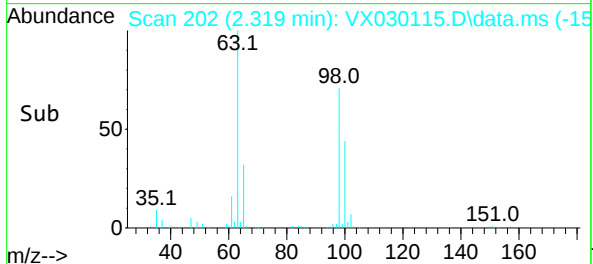
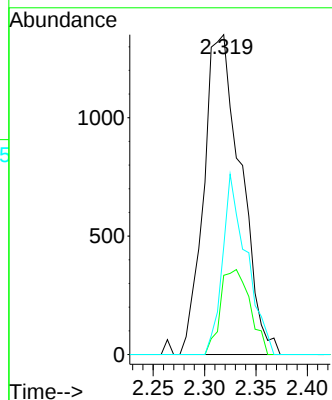
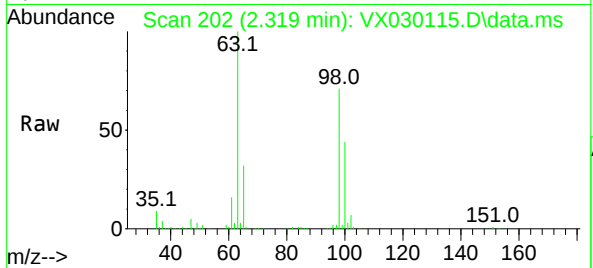




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 1.680 ug/L
RT: 2.319 min Scan# 204
Delta R.T. -0.012 min
Lab File: VX030115.D
Acq: 19 Jul 2022 13:41

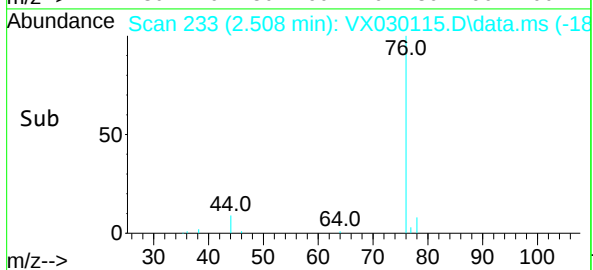
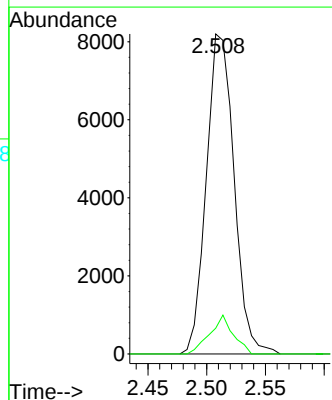
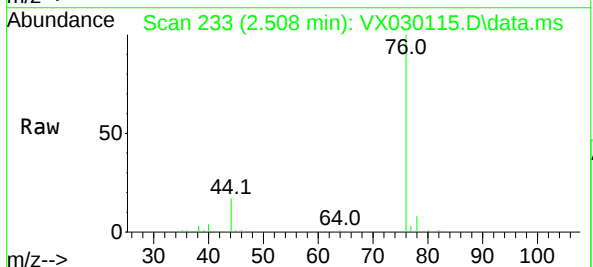
Instrument :
MSVOA_X
ClientSampleId :
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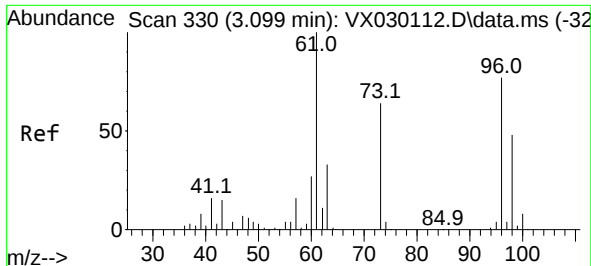
Tgt Ion:101 Resp: 3385
Ion Ratio Lower Upper
101 100
85 21.2 34.1 51.1#
151 36.7 59.4 89.2#



#14
Carbon disulfide
Concen: 2.468 ug/L
RT: 2.508 min Scan# 233
Delta R.T. -0.006 min
Lab File: VX030115.D
Acq: 19 Jul 2022 13:41

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

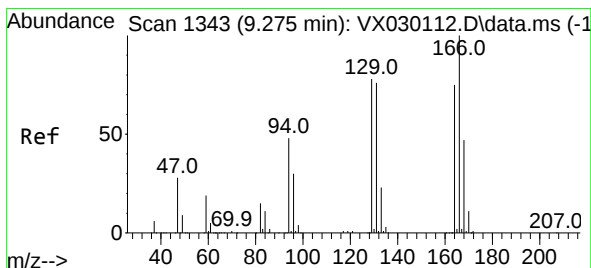
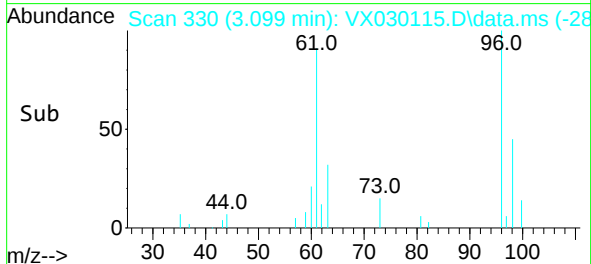
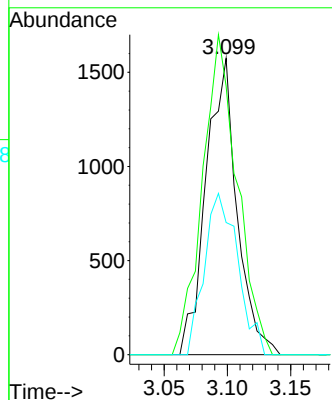
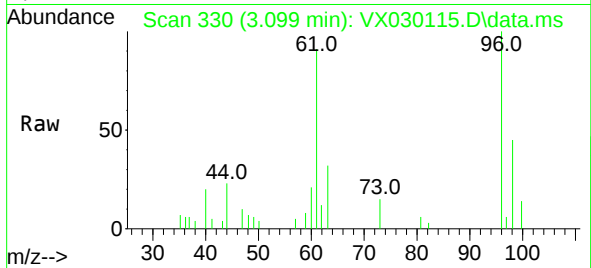




#17
trans-1,2-Dichloroethene
Concen: 1.300 ug/L
RT: 3.099 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX030115.D
Acq: 19 Jul 2022 13:41

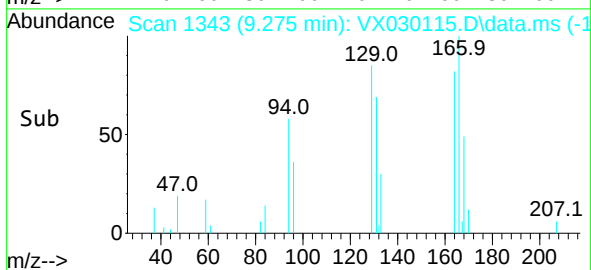
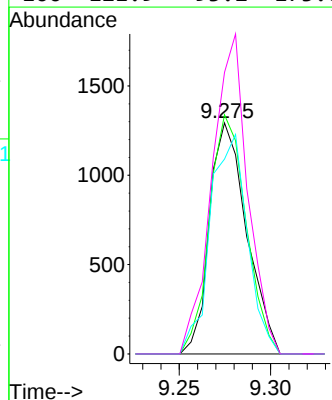
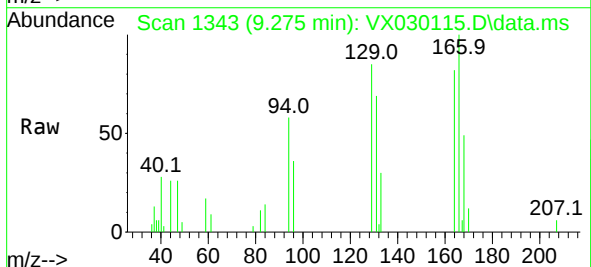
Instrument :
MSVOA_X
ClientSampleId :
VIBLK649

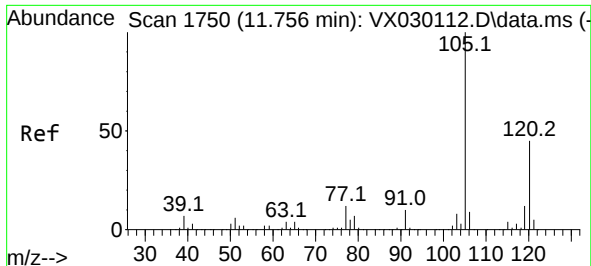
Tgt Ion: 96 Resp: 2688
Ion Ratio Lower Upper
96 100
61 90.7 90.4 168.0
98 44.6 43.8 81.4



#46
Tetrachloroethene
Concen: 1.135 ug/L
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX030115.D
Acq: 19 Jul 2022 13:41

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

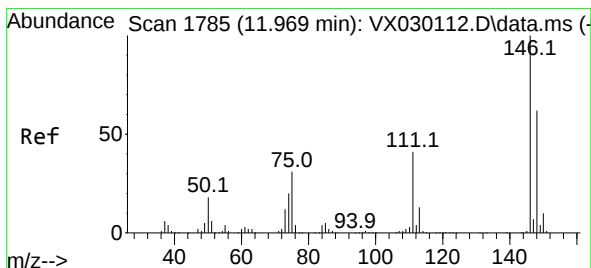
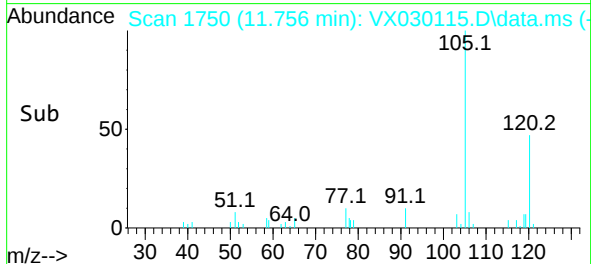
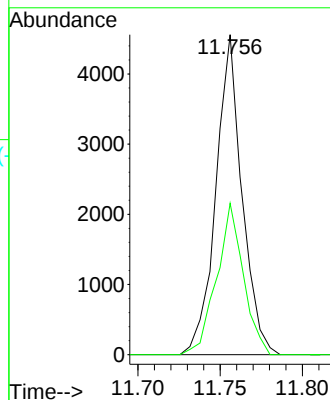
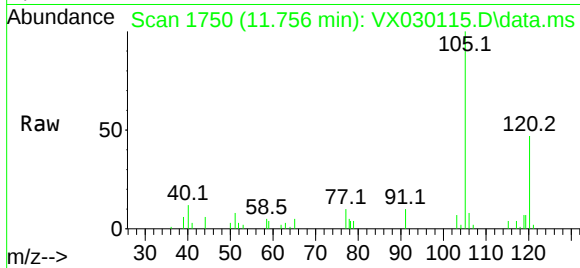




#63
1,2,4-Trimethylbenzene
Concen: 0.705 ug/L
RT: 11.756 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VX030115.D
Acq: 19 Jul 2022 13:41

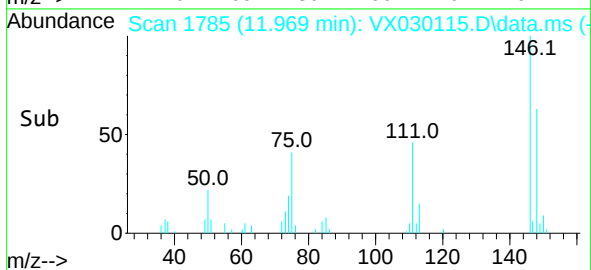
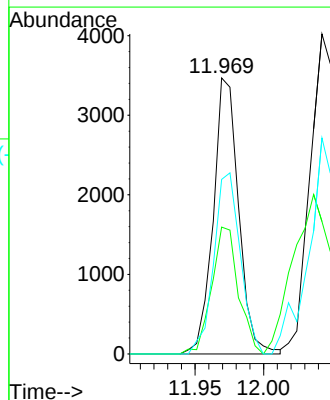
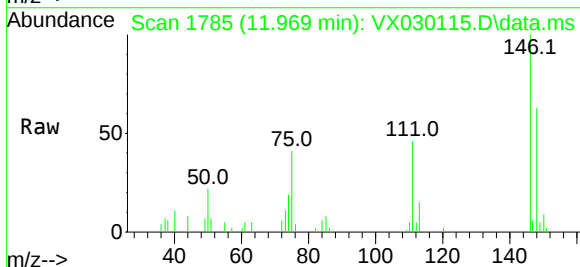
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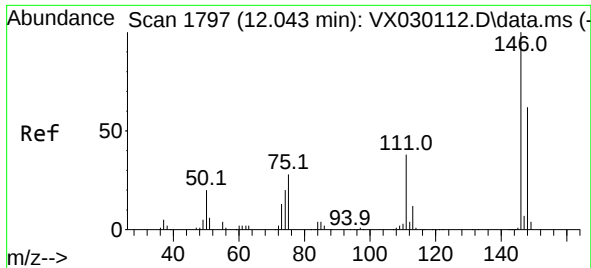
Tgt Ion:105 Resp: 5036
Ion Ratio Lower Upper
105 100
120 48.4 36.2 54.4



#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

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

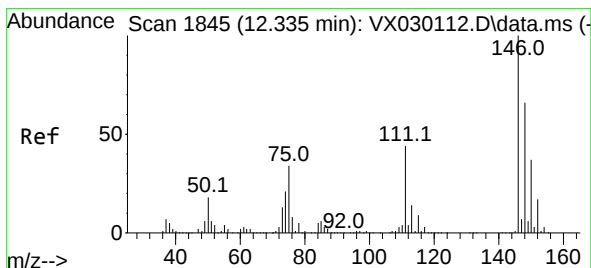
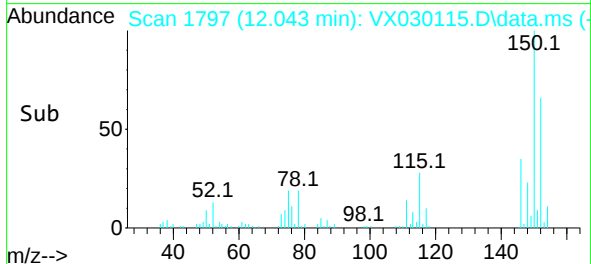
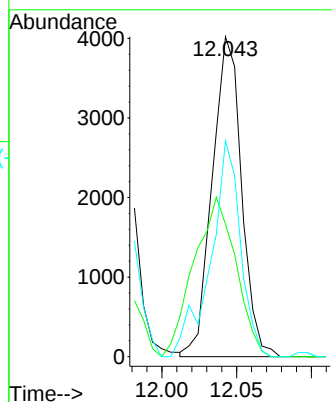
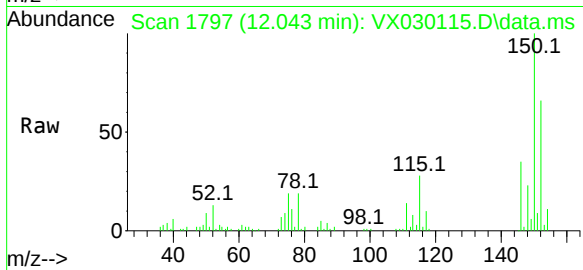




#65
1,4-Dichlorobenzene
Concen: 1.427 ug/L
RT: 12.043 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX030115.D
Acq: 19 Jul 2022 13:41

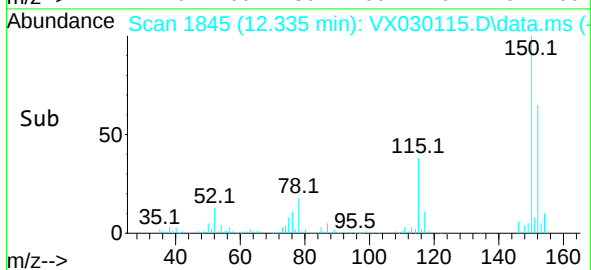
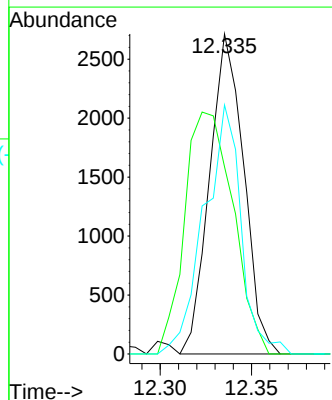
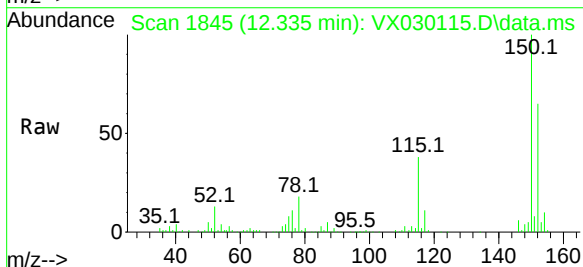
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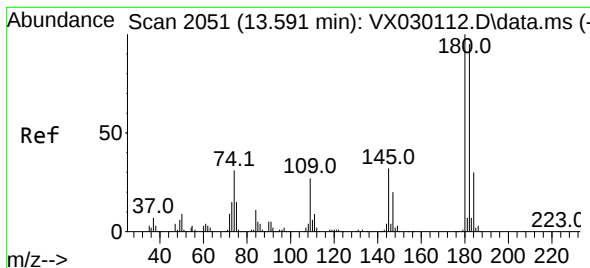
Tgt Ion:146 Resp: 5473
Ion Ratio Lower Upper
146 100
111 41.4 27.0 50.2
148 67.5 43.8 81.3



#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

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





#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

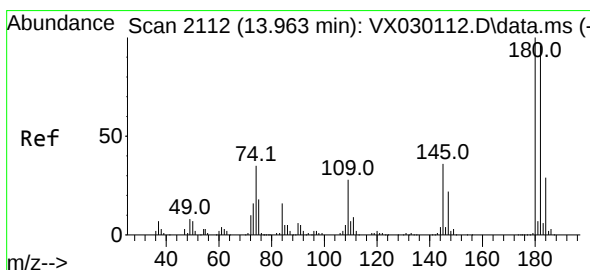
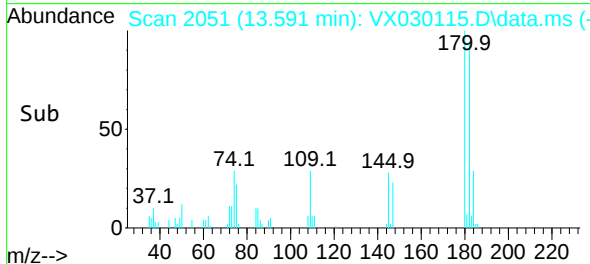
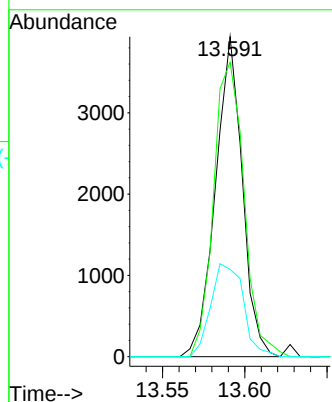
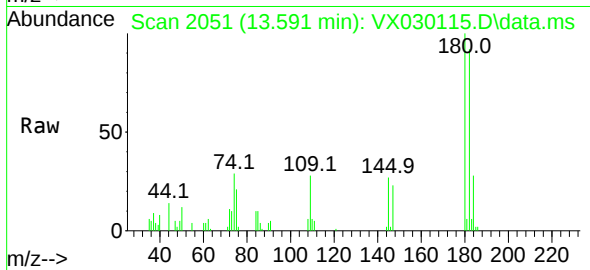
Tgt Ion:180 Resp: 4464

Ion Ratio Lower Upper

180 100

182 104.5 75.2 112.8

145 35.1 26.2 39.2



#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

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

