

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120523\
 Data File : VX039077.D
 Acq On : 05 Dec 2023 12:09
 Operator : JC/MD
 Sample : VIBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 06 02:24:45 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML120523WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Dec 06 02:19:46 2023
 Response via : Initial Calibration

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

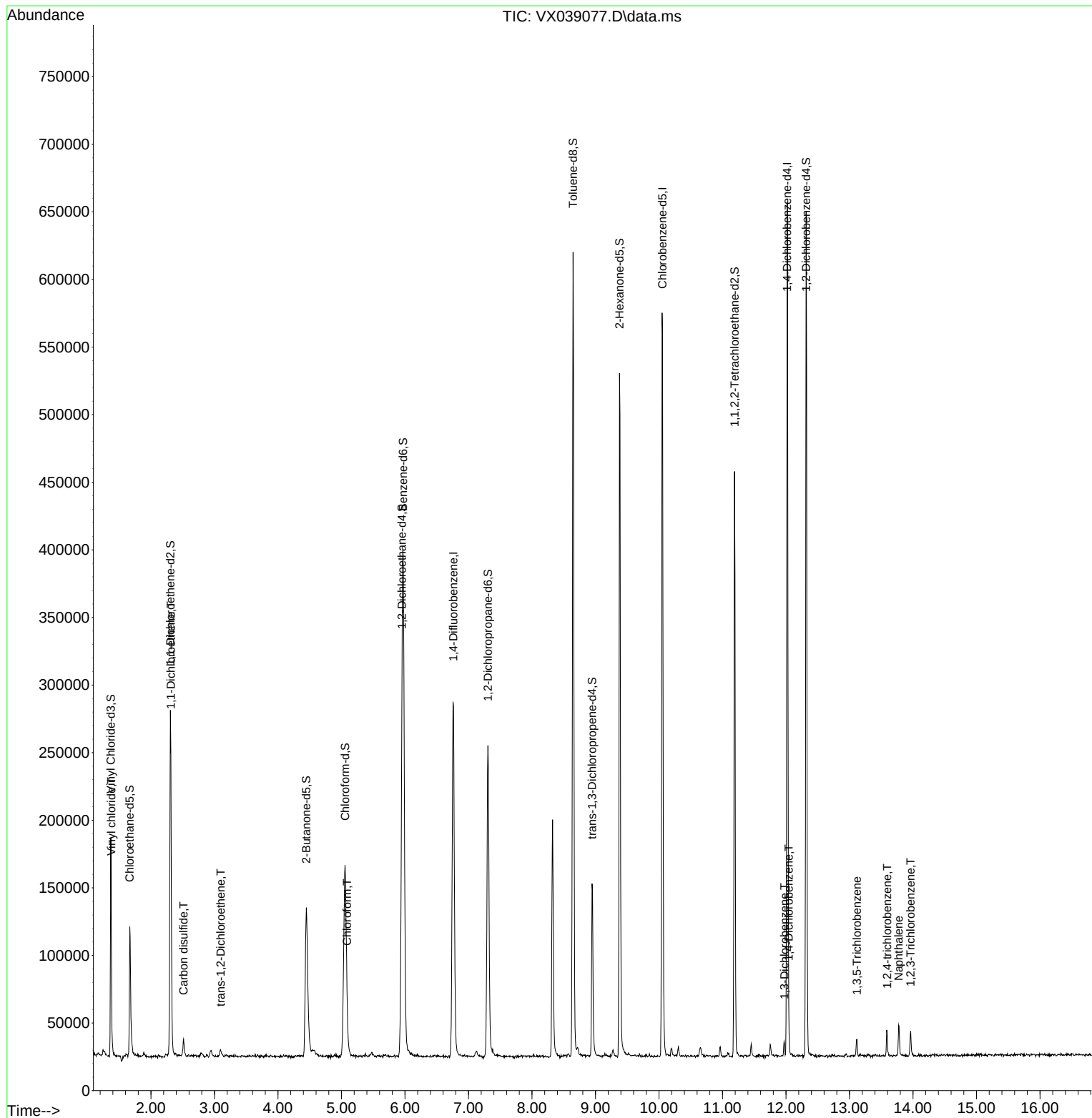
Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	270168	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	250919	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.018	152	123385	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	105428	49.752	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	99.500%
7) Chloroethane-d5	1.666	69	74434	47.523	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.040%
11) 1,1-Dichloroethene-d2	2.307	65	46634	50.134	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	100.260%
21) 2-Butanone-d5	4.446	46	194412	101.353	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.350%
24) Chloroform-d	5.056	84	175726	46.845	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.700%
26) 1,2-Dichloroethane-d4	5.952	65	117328	48.295	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.600%
32) Benzene-d6	5.971	84	386303	49.885	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.780%
36) 1,2-Dichloropropane-d6	7.306	67	123081	49.388	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.780%
41) Toluene-d8	8.647	98	348517	49.662	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.320%
43) trans-1,3-Dichloroprop...	8.946	79	61316	48.348	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.700%
47) 2-Hexanone-d5	9.378	63	148698	99.900	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	99.900%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	170730	48.293	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.580%
66) 1,2-Dichlorobenzene-d4	12.317	152	116396	49.908	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.820%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.374	62	1393	0.628	ug/L #	1
12) 1,1-Dichloroethene	2.313	96	2032	1.168	ug/L #	1
14) Carbon disulfide	2.514	76	12724	2.297	ug/L	99
17) trans-1,2-Dichloroethene	3.099	96	1944	1.060	ug/L	96
25) Chloroform	5.087	83	7350	2.032	ug/L	89
64) 1,3-Dichlorobenzene	11.976	146	3232	0.838	ug/L	95
65) 1,4-Dichlorobenzene	12.043	146	3734	0.955	ug/L	91
69) 1,3,5-Trichlorobenzene	13.116	180	3060	1.199	ug/L	95
70) 1,2,4-trichlorobenzene	13.591	180	4185	1.740	ug/L	97
71) Naphthalene	13.774	128	15691	1.902	ug/L	98
72) 1,2,3-Trichlorobenzene	13.963	180	4011	1.722	ug/L	97

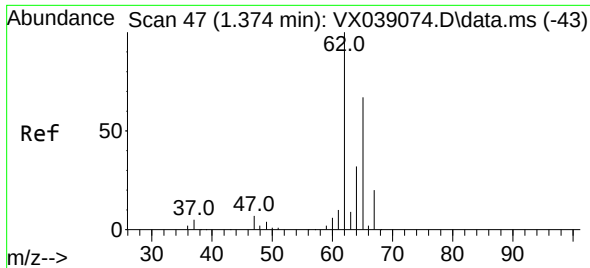
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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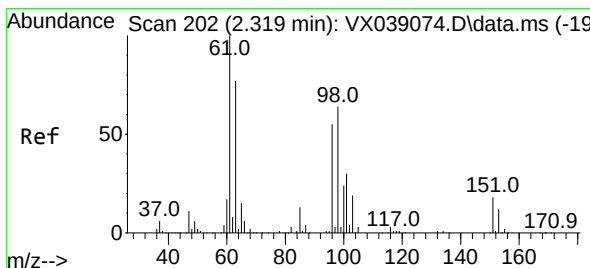
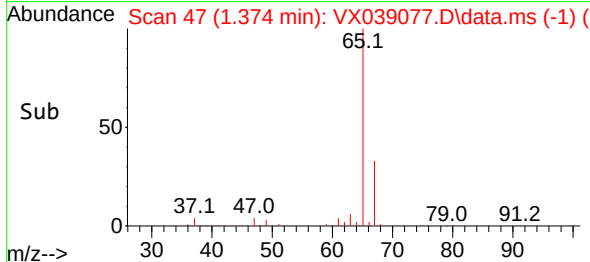
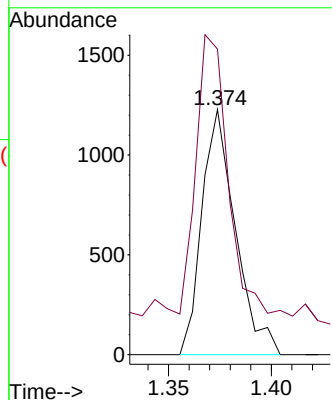
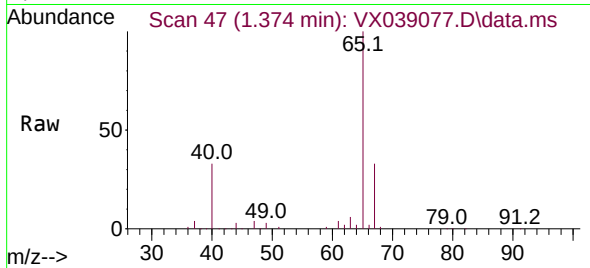




#5
 Vinyl chloride
 Concen: 0.628 ug/L
 RT: 1.374 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX039077.D
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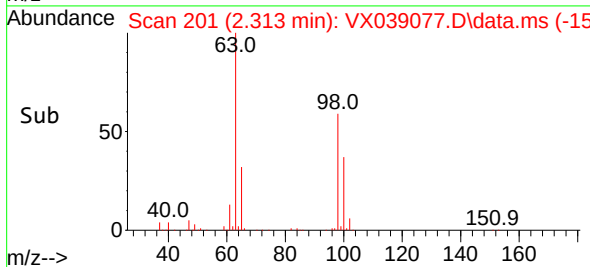
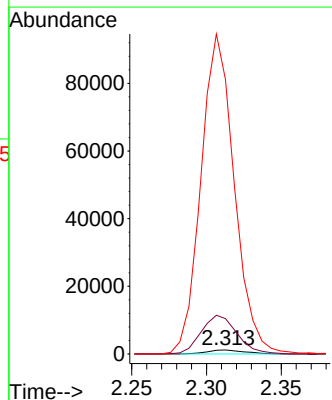
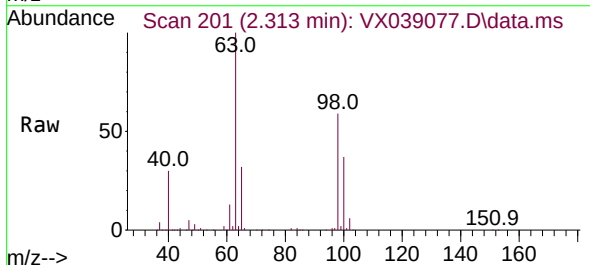
Instrument :
 MSVOA_X
 ClientSampleId :

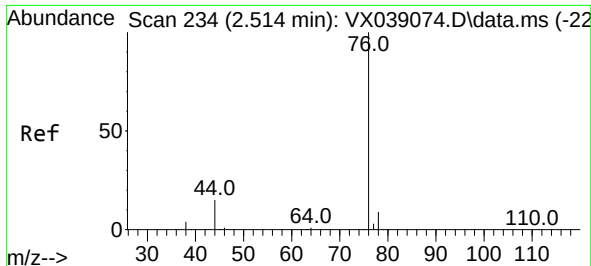
Tgt Ion: 62 Resp: 1393
 Ion Ratio Lower Upper
 62 100
 64 124.7 22.3 41.3#



#12
 1,1-Dichloroethene
 Concen: 1.168 ug/L
 RT: 2.313 min Scan# 201
 Delta R.T. -0.006 min
 Lab File: VX039077.D
 Acq: 05 Dec 2023 12:09

Tgt Ion: 96 Resp: 2032
 Ion Ratio Lower Upper
 96 100
 61 880.8 128.0 237.6#
 63 6845.6 101.5 188.5#





#14

Carbon disulfide

Concen: 2.297 ug/L

RT: 2.514 min Scan# 21

Delta R.T. 0.000 min

Lab File: VX039077.D

Acq: 05 Dec 2023 12:09

Instrument :

MSVOA_X

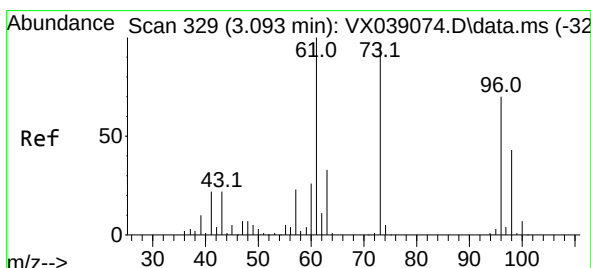
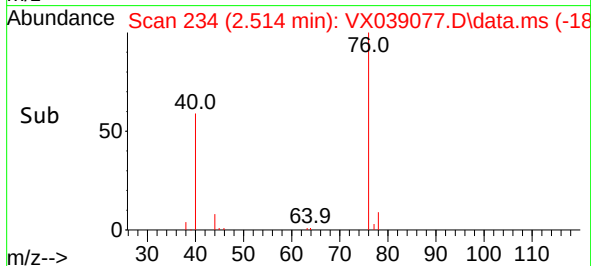
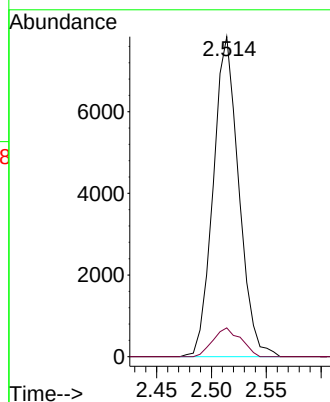
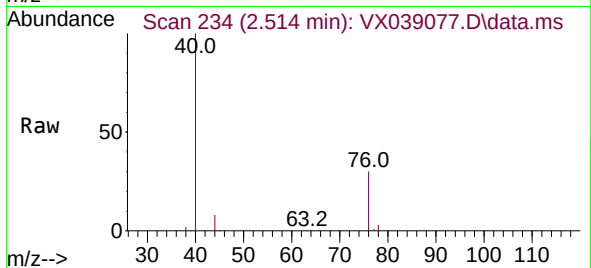
ClientSampleId :

Tgt Ion: 76 Resp: 12724

Ion Ratio Lower Upper

76 100

78 9.0 7.4 11.2



#17

trans-1,2-Dichloroethene

Concen: 1.060 ug/L

RT: 3.099 min Scan# 330

Delta R.T. 0.006 min

Lab File: VX039077.D

Acq: 05 Dec 2023 12:09

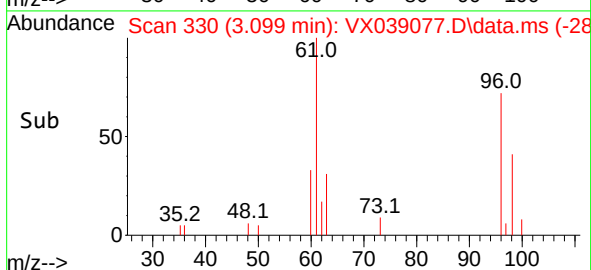
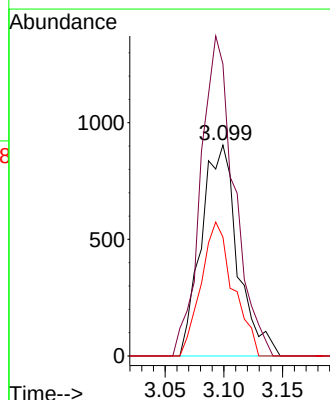
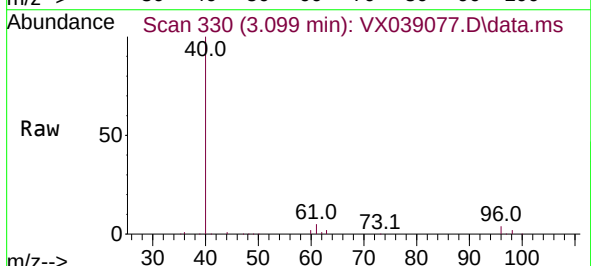
Tgt Ion: 96 Resp: 1944

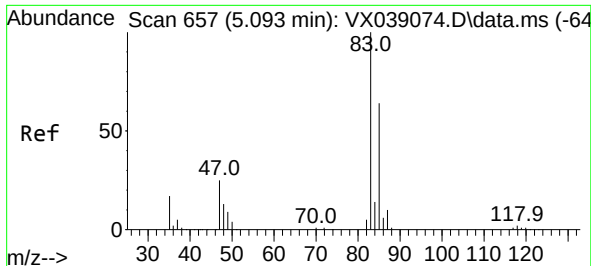
Ion Ratio Lower Upper

96 100

61 138.4 99.8 185.3

98 56.4 42.6 79.2

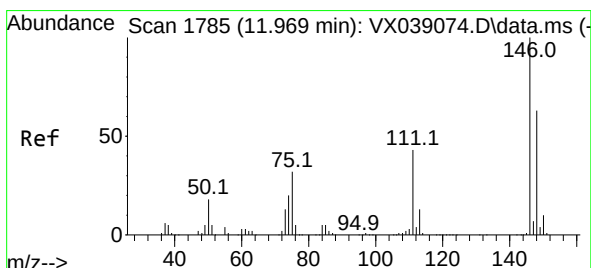
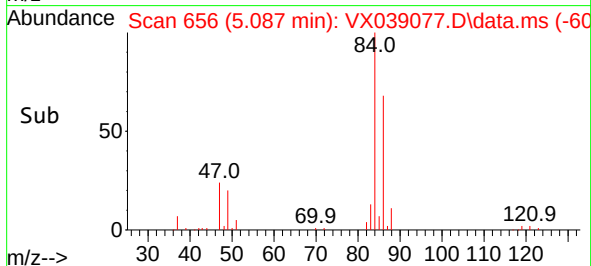
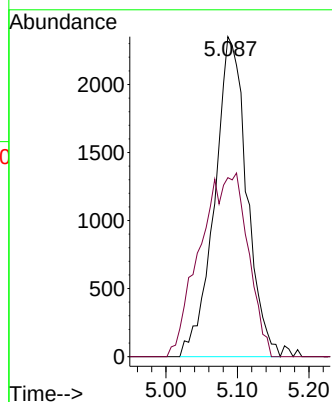
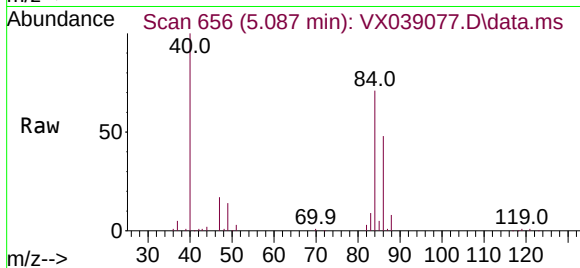




#25
Chloroform
Concen: 2.032 ug/L
RT: 5.087 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX039077.D
Acq: 05 Dec 2023 12:09

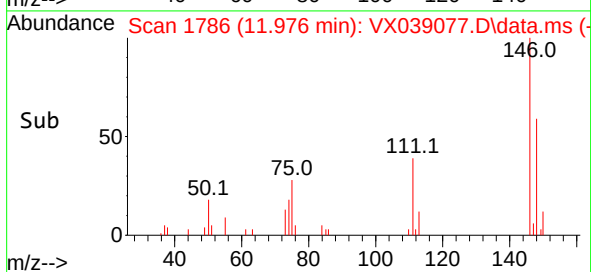
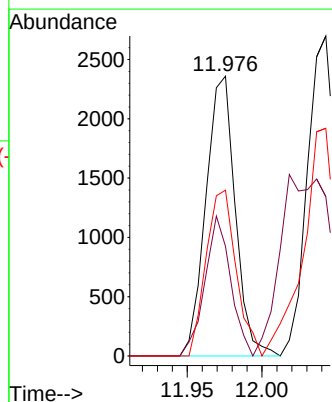
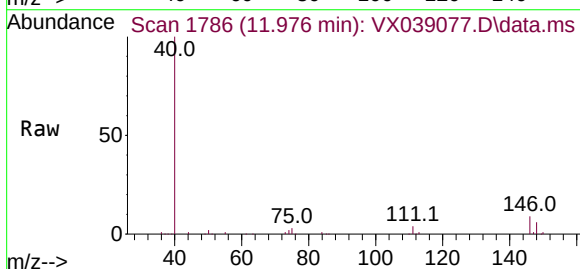
Instrument :
MSVOA_X
ClientSampleId :

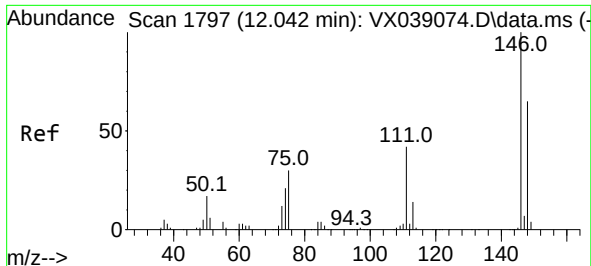
Tgt Ion: 83 Resp: 7350
Ion Ratio Lower Upper
83 100
85 55.9 45.1 83.7



#64
1,3-Dichlorobenzene
Concen: 0.838 ug/L
RT: 11.976 min Scan# 1786
Delta R.T. 0.006 min
Lab File: VX039077.D
Acq: 05 Dec 2023 12:09

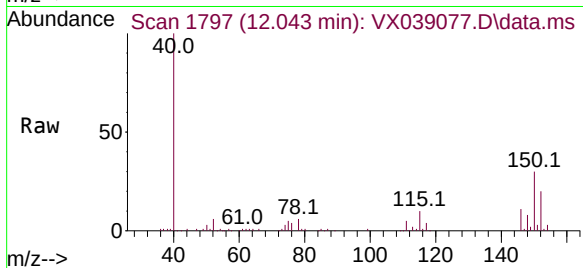
Tgt Ion:146 Resp: 3232
Ion Ratio Lower Upper
146 100
111 39.2 30.0 55.6
148 59.2 44.2 82.0



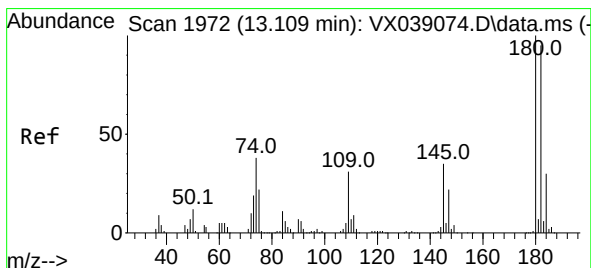
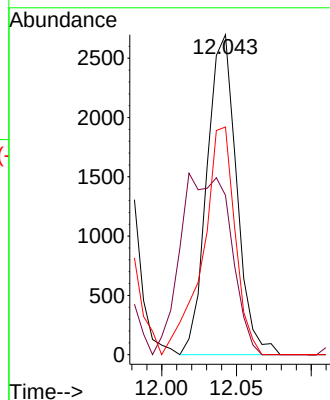
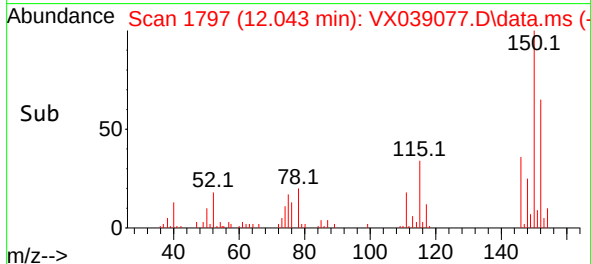


#65
1,4-Dichlorobenzene
Concen: 0.955 ug/L
RT: 12.043 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX039077.D
Acq: 05 Dec 2023 12:09

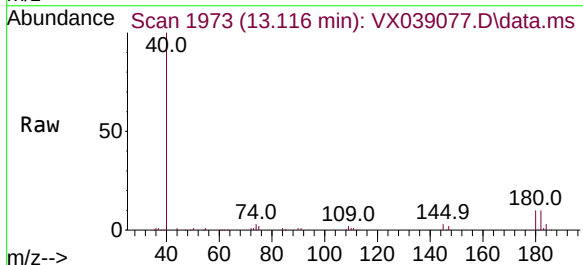
Instrument :
MSVOA_X
ClientSampleId :



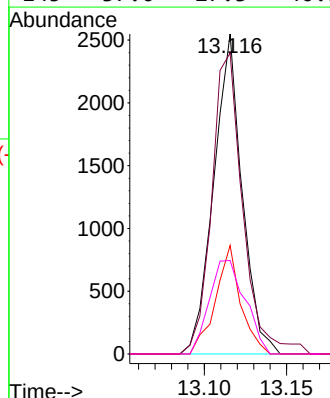
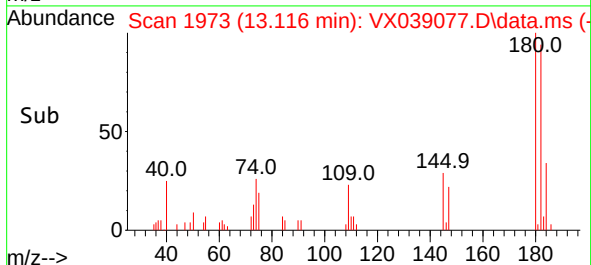
Tgt Ion:146 Resp: 3734
Ion Ratio Lower Upper
146 100
111 49.8 29.7 55.1
148 71.2 45.8 85.2

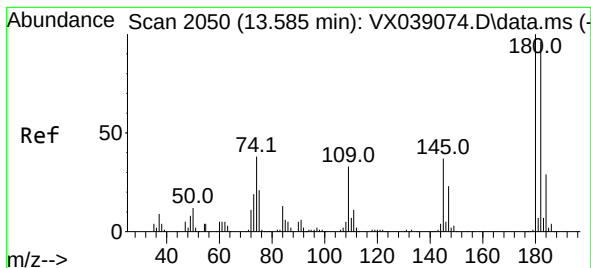


#69
1,3,5-Trichlorobenzene
Concen: 1.199 ug/L
RT: 13.116 min Scan# 1973
Delta R.T. 0.006 min
Lab File: VX039077.D
Acq: 05 Dec 2023 12:09



Tgt Ion:180 Resp: 3060
Ion Ratio Lower Upper
180 100
182 101.9 76.1 114.1
184 30.1 24.1 36.1
145 37.0 27.3 40.9





#70

1,2,4-trichlorobenzene

Concen: 1.740 ug/L

RT: 13.591 min Scan# 2051

Delta R.T. 0.006 min

Lab File: VX039077.D

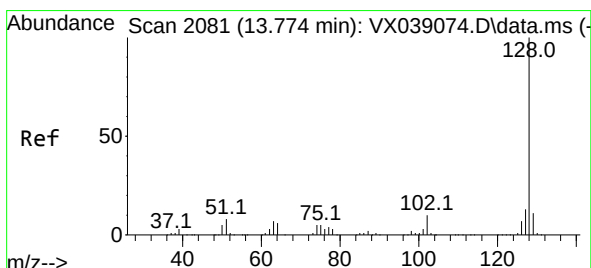
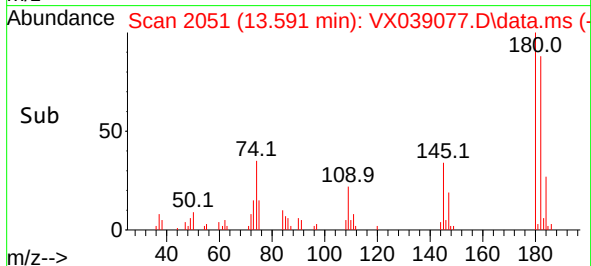
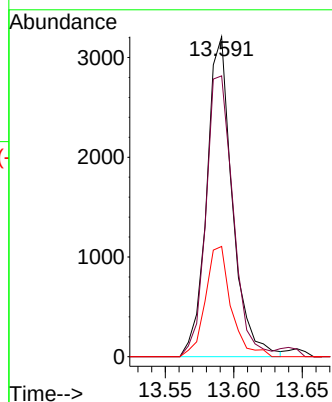
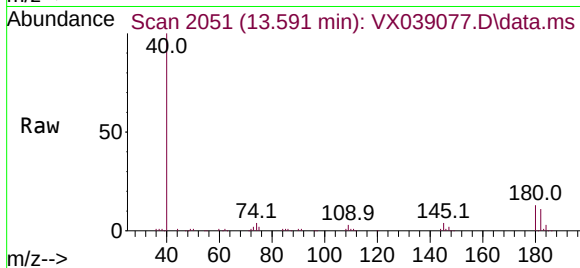
Acq: 05 Dec 2023 12:09

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion:180	Resp:	4185
Ion Ratio	Lower	Upper
180	100	
182	92.6	76.8 115.2
145	33.8	27.8 41.6



#71

Naphthalene

Concen: 1.902 ug/L

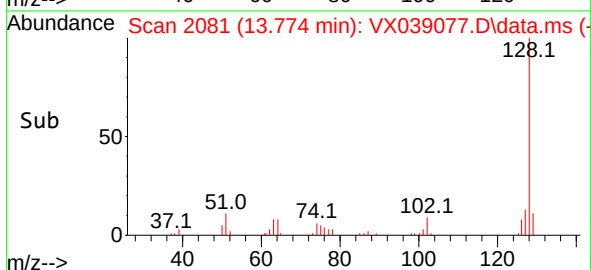
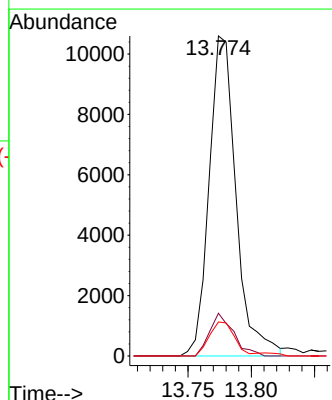
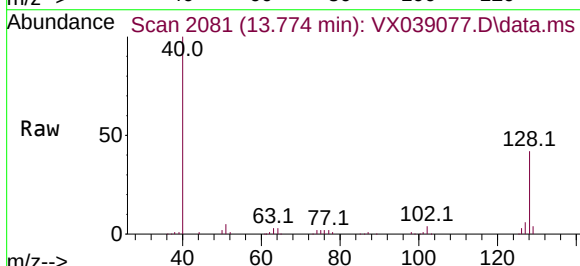
RT: 13.774 min Scan# 2081

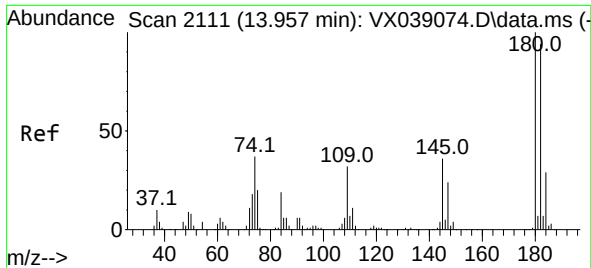
Delta R.T. 0.000 min

Lab File: VX039077.D

Acq: 05 Dec 2023 12:09

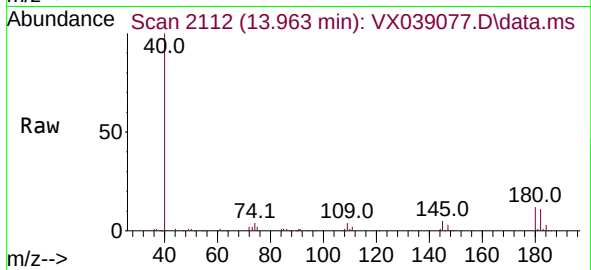
Tgt Ion:128	Resp:	15691
Ion Ratio	Lower	Upper
128	100	
127	11.9	10.2 15.4
129	9.8	8.7 13.1





#72
 1,2,3-Trichlorobenzene
 Concen: 1.722 ug/L
 RT: 13.963 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VX039077.D
 Acq: 05 Dec 2023 12:09

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion:180 Resp: 4011
 Ion Ratio Lower Upper
 180 100
 182 94.4 75.9 113.9
 145 41.0 28.6 42.8

