

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041923\
 Data File : VX035159.D
 Acq On : 19 Apr 2023 11:15
 Operator : JC/MD
 Sample : 02397-04DL 4X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Apr 20 02:52:54 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML041823WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 20 02:36:32 2023
 Response via : Initial Calibration

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

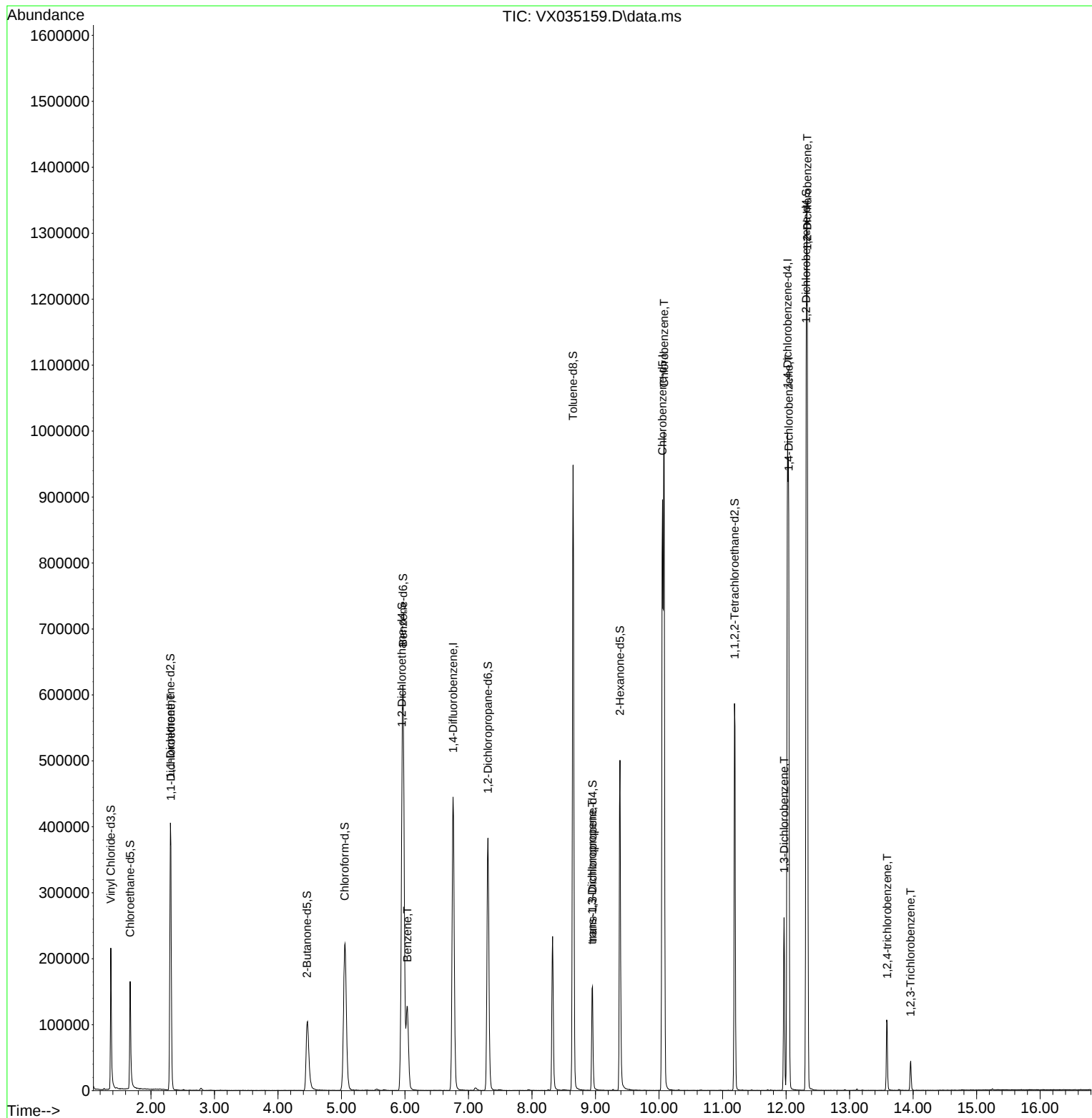
Internal Standards						
1) 1,4-Difluorobenzene	6.757	114	460836	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	395260	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	186912	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	145853	49.085	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	98.160%
7) Chloroethane-d5	1.672	69	114691	53.415	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	106.840%
11) 1,1-Dichloroethene-d2	2.306	65	73299	51.554	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	103.100%
21) 2-Butanone-d5	4.458	46	206531	104.299	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	104.300%
24) Chloroform-d	5.050	84	288417	51.541	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.080%
26) 1,2-Dichloroethane-d4	5.952	65	196740	54.749	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	109.500%
32) Benzene-d6	5.970	84	634325	55.867	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	111.740%
36) 1,2-Dichloropropane-d6	7.305	67	195059	56.240	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	112.480%
41) Toluene-d8	8.647	98	565537	54.499	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	109.000%
43) trans-1,3-Dichloroprop...	8.951	79	75613	49.886	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.780%
47) 2-Hexanone-d5	9.384	63	146530	105.206	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	105.210%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	227193	53.488	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	106.980%
66) 1,2-Dichlorobenzene-d4	12.317	152	197575	54.547	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	109.100%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.312	96	1774	0.644	ug/L	# 1
33) Benzene	6.037	78	155185	12.965	ug/L	100
44) trans-1,3-Dichloropropene	8.945	75	3266	0.769	ug/L	85
51) Chlorobenzene	10.079	112	429751	52.525	ug/L	99
64) 1,3-Dichlorobenzene	11.969	146	84681	14.609	ug/L	99
65) 1,4-Dichlorobenzene	12.042	146	281614	47.479	ug/L	98
67) 1,2-Dichlorobenzene	12.335	146	326615	55.571	ug/L	100
70) 1,2,4-trichlorobenzene	13.591	180	26202	7.809	ug/L	99
72) 1,2,3-Trichlorobenzene	13.963	180	11022	3.327	ug/L	98

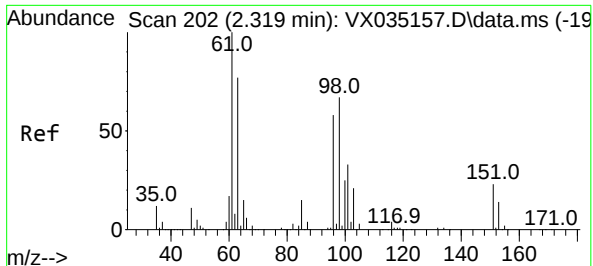
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_X
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Quant Time: Apr 20 02:52:54 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML041823WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Apr 20 02:36:32 2023
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.644 ug/L

RT: 2.312 min Scan# 20

Delta R.T. -0.006 min

Lab File: VX035159.D

Acq: 19 Apr 2023 11:15

Instrument :

MSVOA_X

ClientSampleId :

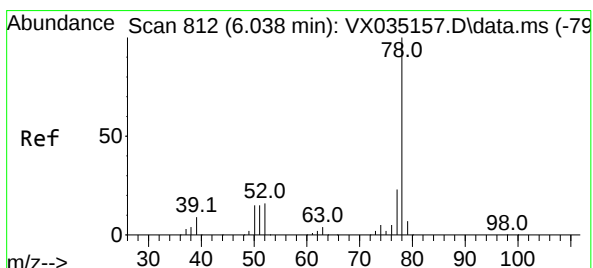
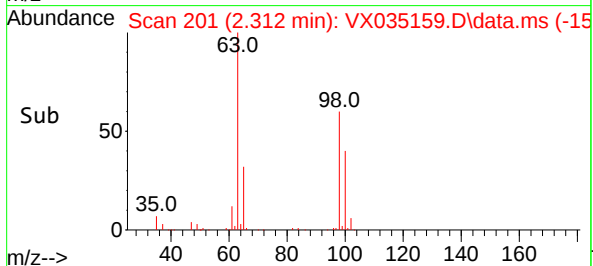
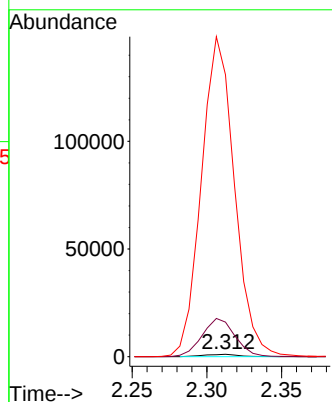
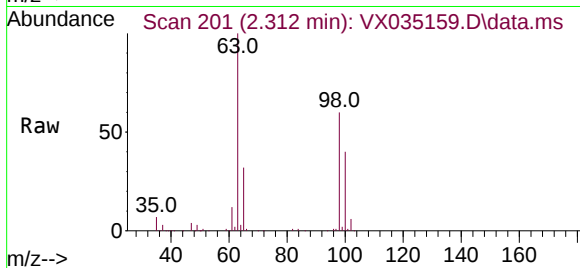
Tgt Ion: 96 Resp: 1774

Ion Ratio Lower Upper

96 100

61 1410.8 119.0 221.0#

63 11512.4 91.0 169.0#



#33

Benzene

Concen: 12.965 ug/L

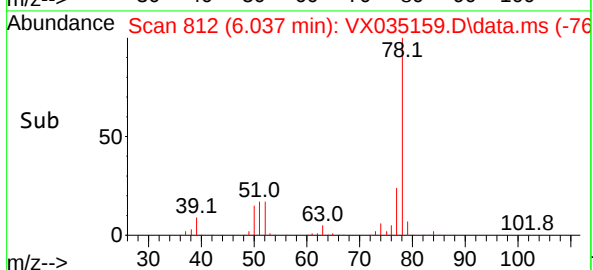
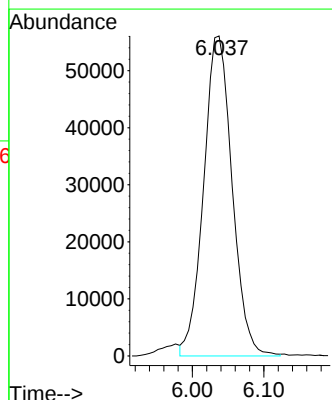
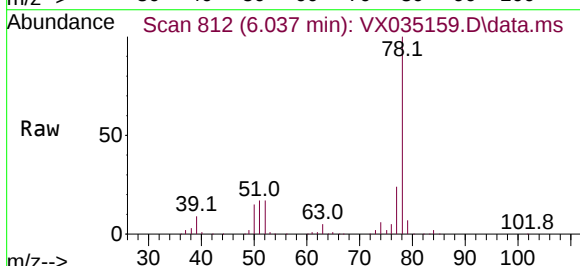
RT: 6.037 min Scan# 812

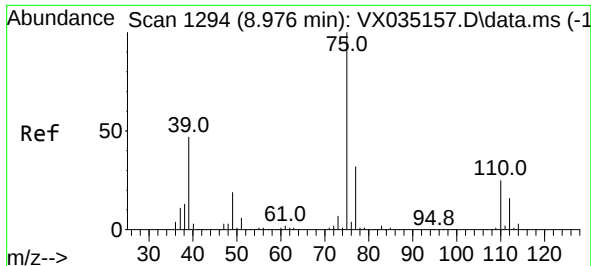
Delta R.T. -0.000 min

Lab File: VX035159.D

Acq: 19 Apr 2023 11:15

Tgt Ion: 78 Resp: 155185

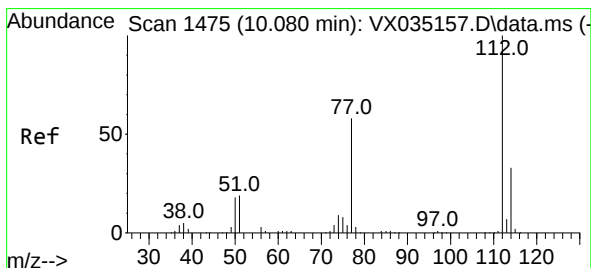
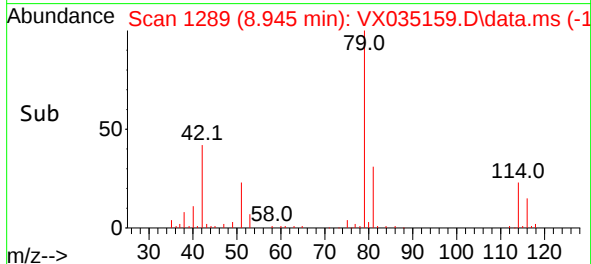
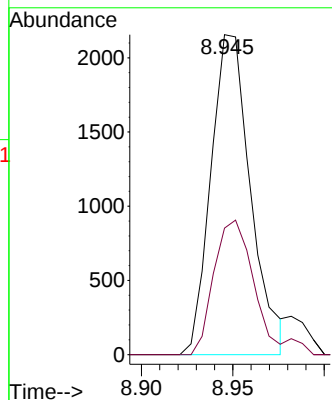
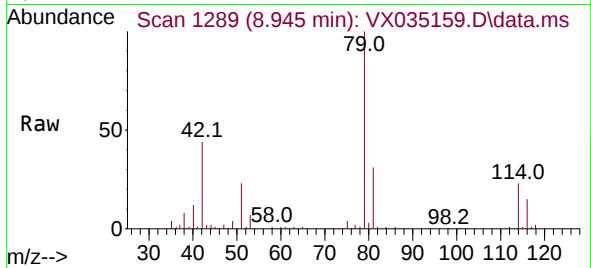




#44
trans-1,3-Dichloropropene
Concen: 0.769 ug/L
RT: 8.945 min Scan# 1289
Delta R.T. -0.031 min
Lab File: VX035159.D
Acq: 19 Apr 2023 11:15

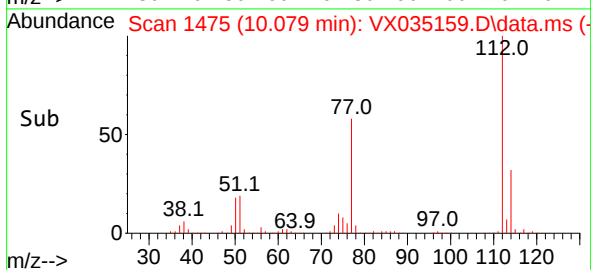
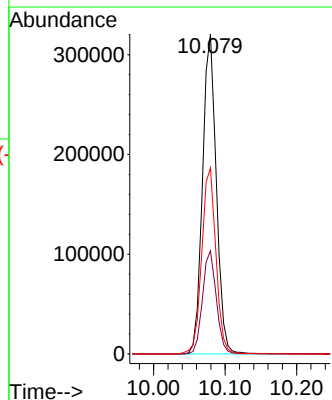
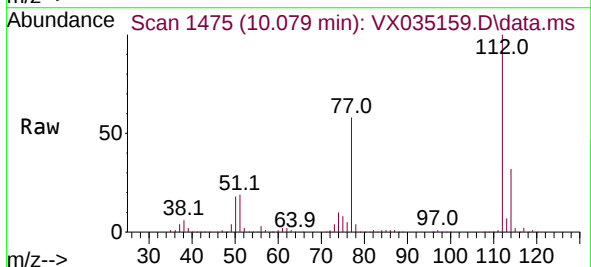
Instrument :
MSVOA_X
ClientSampleId :

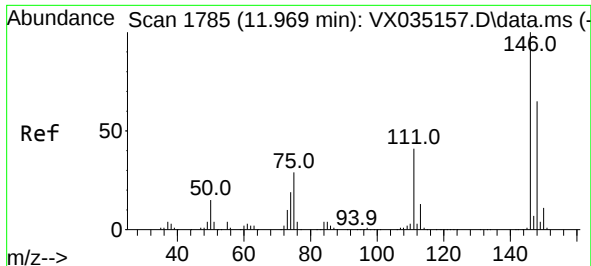
Tgt Ion: 75 Resp: 3266
Ion Ratio Lower Upper
75 100
77 39.6 22.0 40.8



#51
Chlorobenzene
Concen: 52.525 ug/L
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX035159.D
Acq: 19 Apr 2023 11:15

Tgt Ion: 112 Resp: 429751
Ion Ratio Lower Upper
112 100
114 32.3 22.4 41.6
77 58.2 47.0 70.6

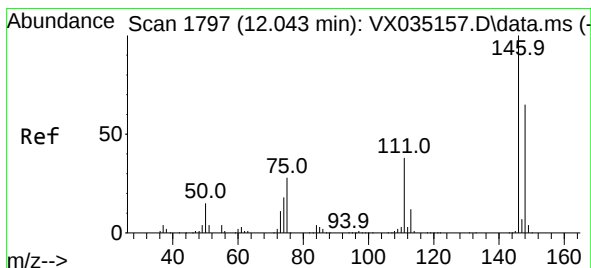
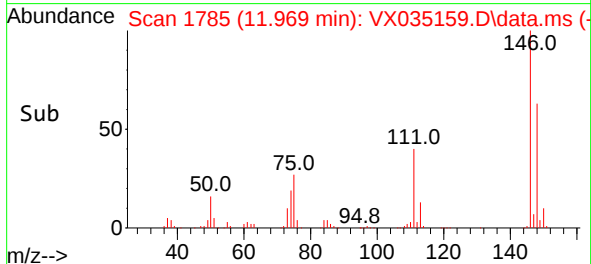
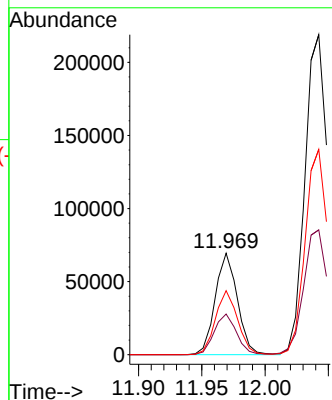
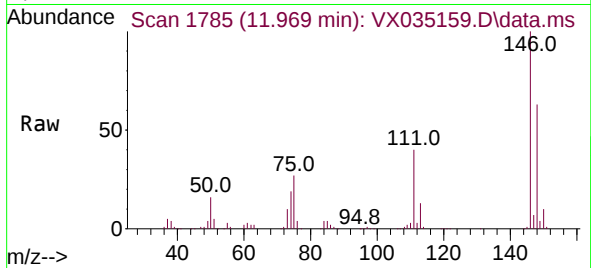




#64
1,3-Dichlorobenzene
Concen: 14.609 ug/L
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX035159.D
Acq: 19 Apr 2023 11:15

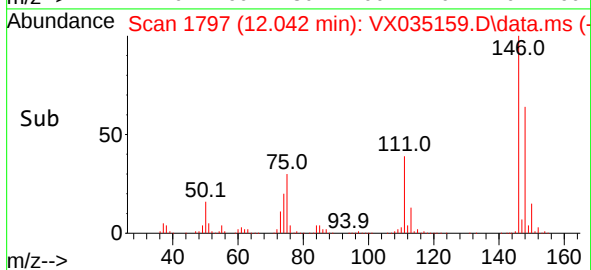
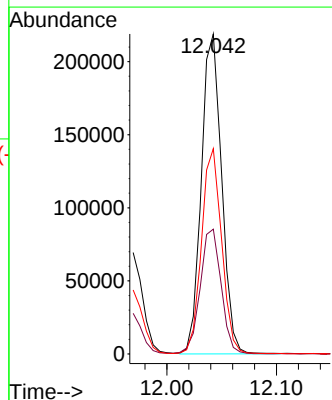
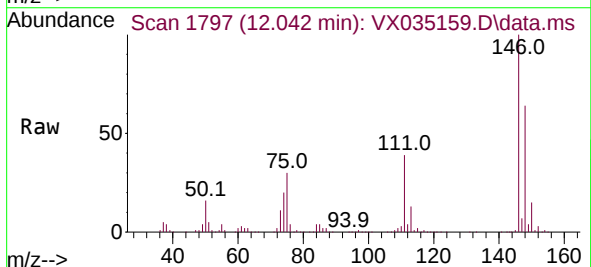
Instrument :
MSVOA_X
ClientSampleId :

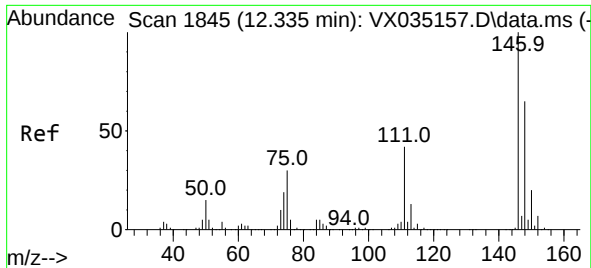
Tgt Ion:146 Resp: 84681
Ion Ratio Lower Upper
146 100
111 40.0 28.9 53.7
148 63.1 44.3 82.3



#65
1,4-Dichlorobenzene
Concen: 47.479 ug/L
RT: 12.042 min Scan# 1797
Delta R.T. -0.000 min
Lab File: VX035159.D
Acq: 19 Apr 2023 11:15

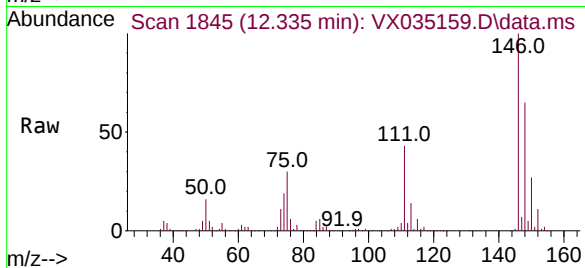
Tgt Ion:146 Resp: 281614
Ion Ratio Lower Upper
146 100
111 39.0 27.9 51.7
148 64.1 45.9 85.3



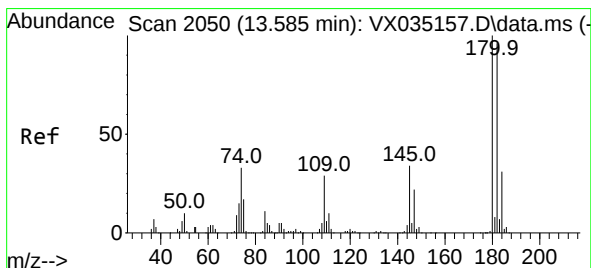
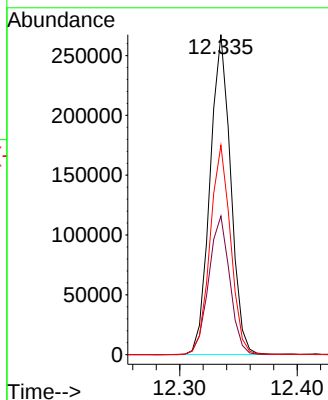
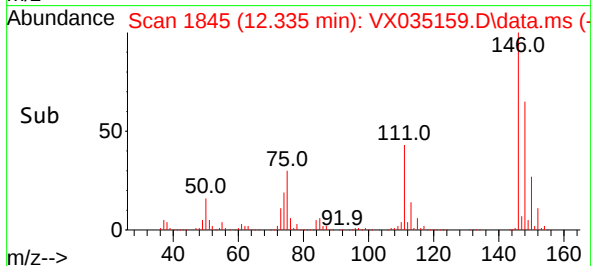


#67
1,2-Dichlorobenzene
Concen: 55.571 ug/L
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX035159.D
Acq: 19 Apr 2023 11:15

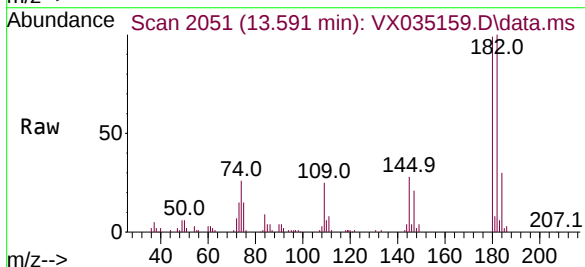
Instrument :
MSVOA_X
ClientSampleId :



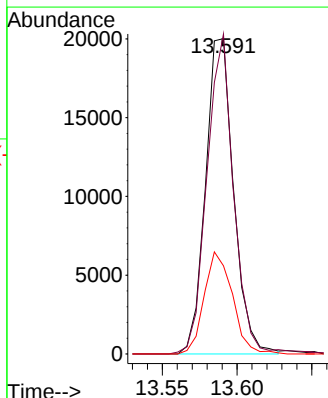
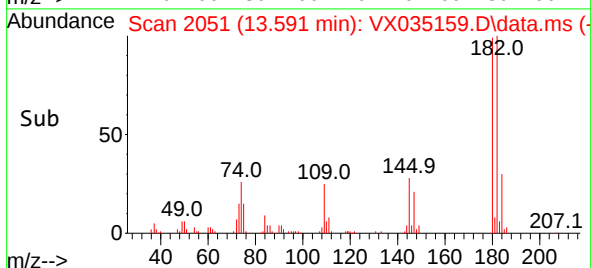
Tgt Ion:146 Resp: 326615
Ion Ratio Lower Upper
146 100
111 43.3 34.7 52.1
148 65.5 52.1 78.1

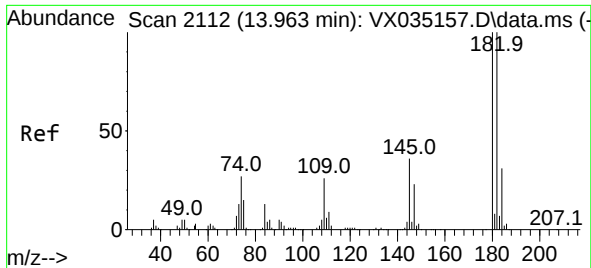


#70
1,2,4-trichlorobenzene
Concen: 7.809 ug/L
RT: 13.591 min Scan# 2051
Delta R.T. 0.006 min
Lab File: VX035159.D
Acq: 19 Apr 2023 11:15



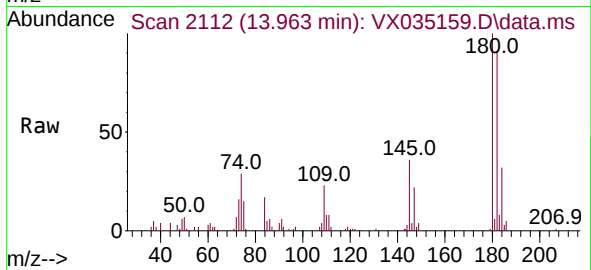
Tgt Ion:180 Resp: 26202
Ion Ratio Lower Upper
180 100
182 95.1 76.6 114.8
145 32.6 26.2 39.4





#72
 1,2,3-Trichlorobenzene
 Concen: 3.327 ug/L
 RT: 13.963 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VX035159.D
 Acq: 19 Apr 2023 11:15

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion:	180	Resp:	11022
Ion Ratio	Lower	Upper	
180	100		
182	91.9	75.0	112.6
145	34.5	27.1	40.7

