

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041923\
 Data File : VX035176.D
 Acq On : 19 Apr 2023 17:47
 Operator : JC/MD
 Sample : 02333-15
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Apr 20 02:57:56 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)

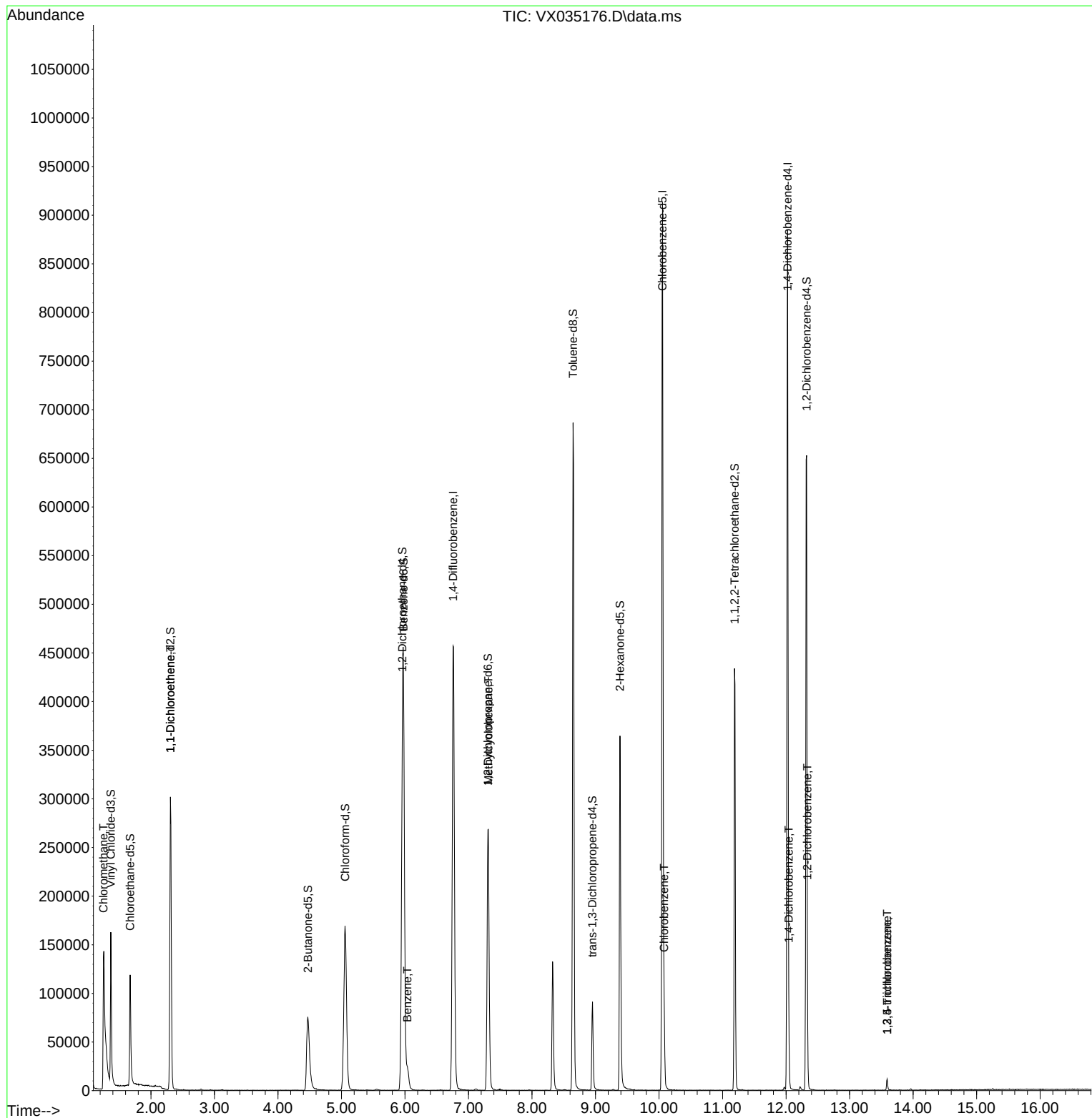
Internal Standards						
1) 1,4-Difluorobenzene	6.757	114	481750	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	415010	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	186316	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	106388	34.249	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	68.500%
7) Chloroethane-d5	1.672	69	83308	37.115	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	74.220%
11) 1,1-Dichloroethene-d2	2.306	65	54220	36.479	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.960%
21) 2-Butanone-d5	4.471	46	154431	74.603	ug/L	0.01
Spiked Amount	100.000	Range	40 - 130	Recovery	=	74.600%
24) Chloroform-d	5.056	84	210939	36.059	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	72.120%
26) 1,2-Dichloroethane-d4	5.958	65	139246	37.067	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	74.140%
32) Benzene-d6	5.976	84	467029	39.175	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	78.340%
36) 1,2-Dichloropropane-d6	7.305	67	140816	38.668	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	77.340%
41) Toluene-d8	8.647	98	413183	37.922	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	75.840%#
43) trans-1,3-Dichloroprop...	8.951	79	42811	26.900	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	53.800%#
47) 2-Hexanone-d5	9.384	63	105458	72.114	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	72.110%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	168495	37.781	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	75.560%
66) 1,2-Dichlorobenzene-d4	12.323	152	139054	38.513	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	77.020%#
Target Compounds						Qvalue
3) Chloromethane	1.252	50	4345	1.322	ug/L #	42
12) 1,1-Dichloroethene	2.306	96	1410	0.490	ug/L #	1
33) Benzene	6.037	78	23507	1.870	ug/L	100
35) Methylcyclohexane	7.312	83	33734	7.492	ug/L #	19
51) Chlorobenzene	10.079	112	31789	3.700	ug/L	95
65) 1,4-Dichlorobenzene	12.042	146	15457	2.614	ug/L	99
67) 1,2-Dichlorobenzene	12.335	146	12812	2.187	ug/L	93
69) 1,3,5-Trichlorobenzene	13.591	180	3235	0.906	ug/L	97
70) 1,2,4-trichlorobenzene	13.591	180	3235	0.967	ug/L	98

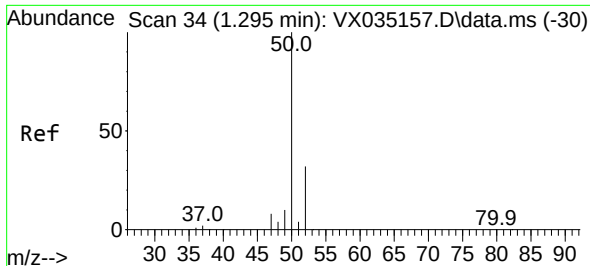
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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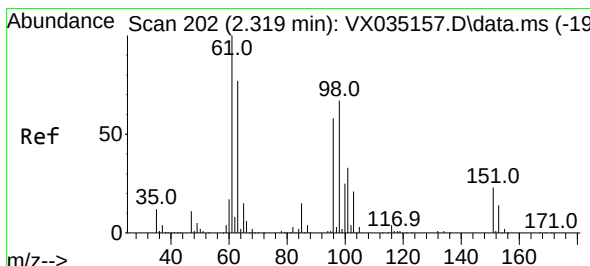
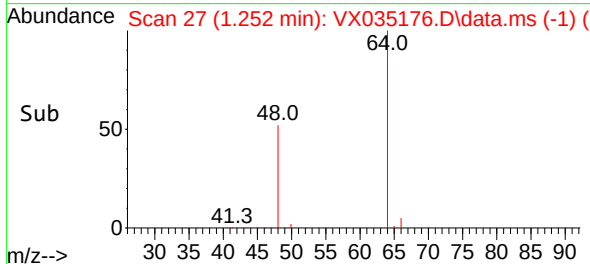
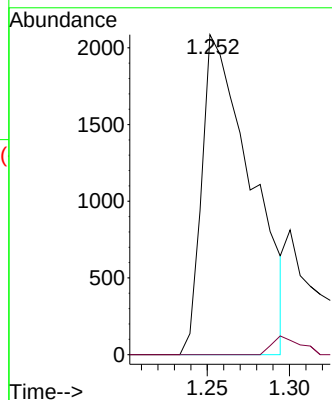
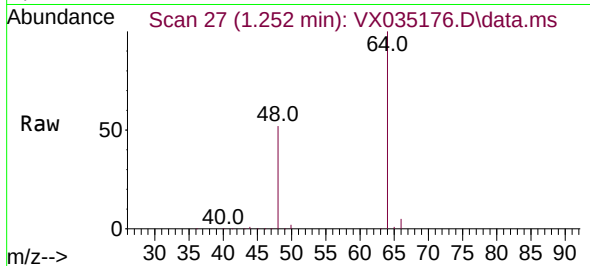




#3
Chloromethane
Concen: 1.322 ug/L
RT: 1.252 min Scan# 21
Delta R.T. -0.043 min
Lab File: VX035176.D
Acq: 19 Apr 2023 17:47

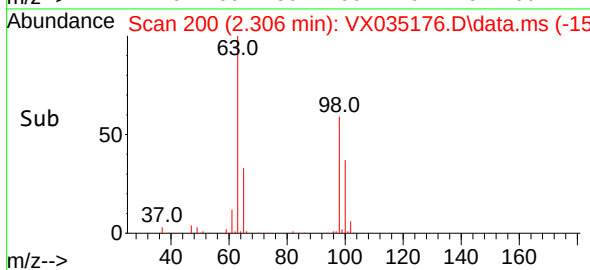
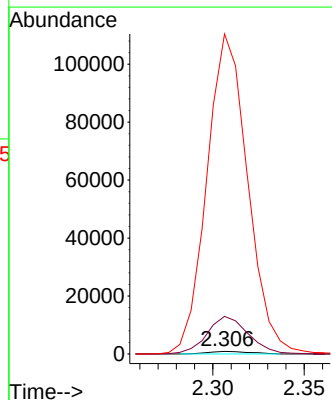
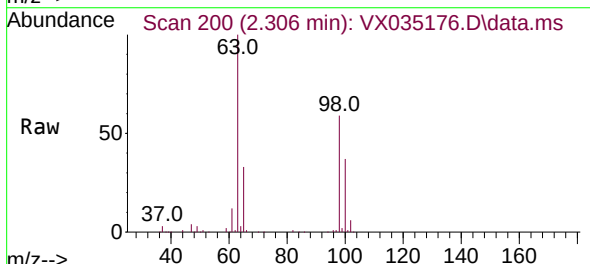
Instrument :
MSVOA_X
ClientSampleId :

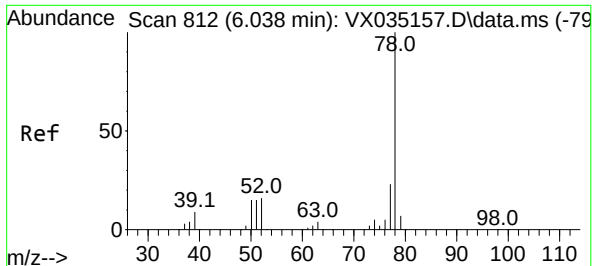
Tgt Ion: 50 Resp: 4345
Ion Ratio Lower Upper
50 100
52 0.0 23.0 42.6#



#12
1,1-Dichloroethene
Concen: 0.490 ug/L
RT: 2.306 min Scan# 200
Delta R.T. -0.012 min
Lab File: VX035176.D
Acq: 19 Apr 2023 17:47

Tgt Ion: 96 Resp: 1410
Ion Ratio Lower Upper
96 100
61 1426.0 119.0 221.0#
63 12122.9 91.0 169.0#

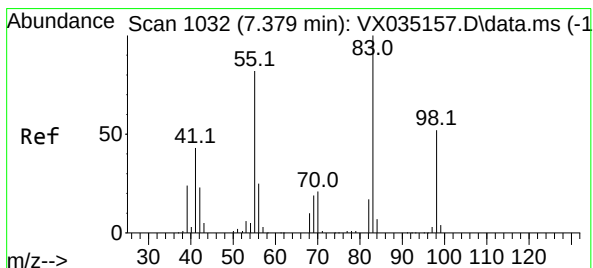
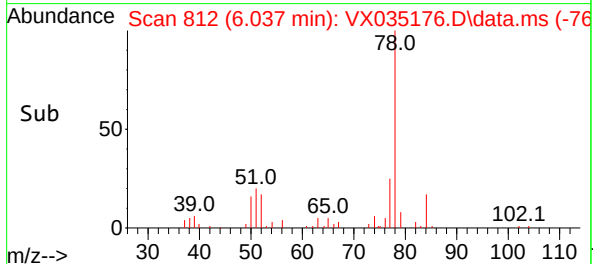
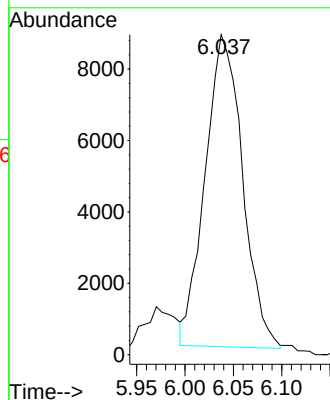
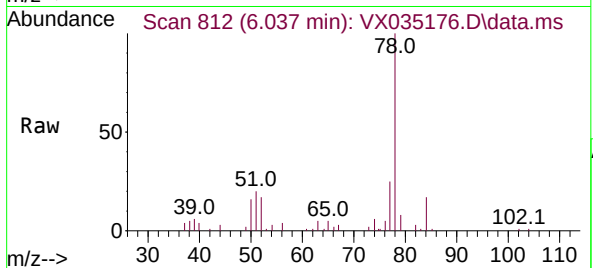




#33
Benzene
Concen: 1.870 ug/L
RT: 6.037 min Scan# 81
Delta R.T. -0.000 min
Lab File: VX035176.D
Acq: 19 Apr 2023 17:47

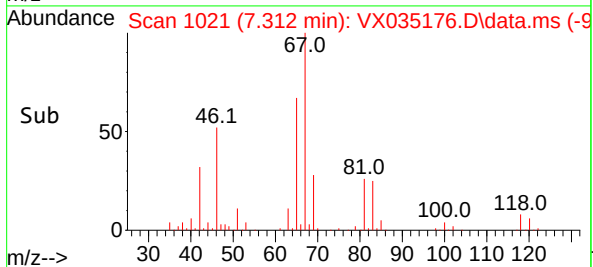
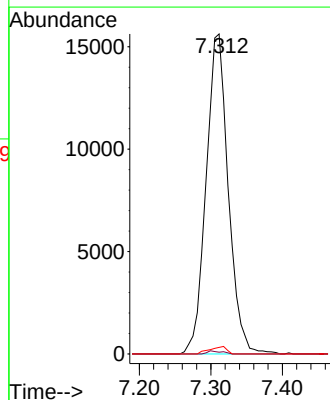
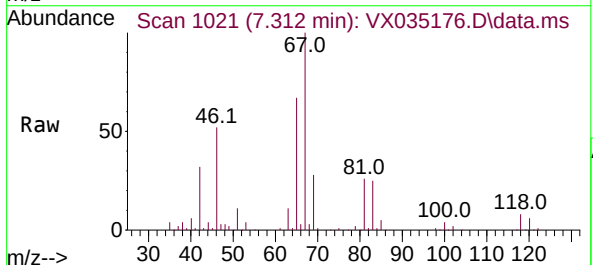
Instrument :
MSVOA_X
ClientSampleId :

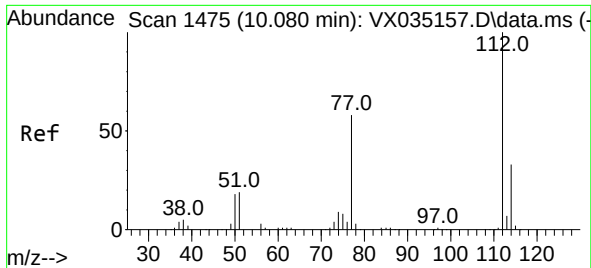
Tgt Ion: 78 Resp: 23507



#35
Methylcyclohexane
Concen: 7.492 ug/L
RT: 7.312 min Scan# 1021
Delta R.T. -0.067 min
Lab File: VX035176.D
Acq: 19 Apr 2023 17:47

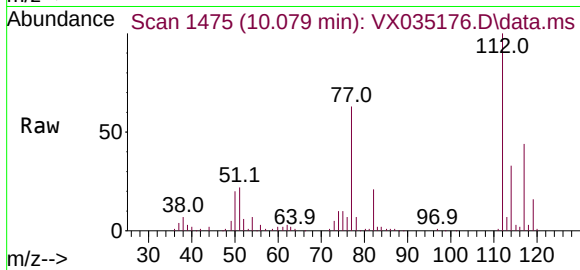
Tgt Ion: 83 Resp: 33734
Ion Ratio Lower Upper
83 100
55 0.5 62.2 93.2#
98 1.8 39.3 58.9#



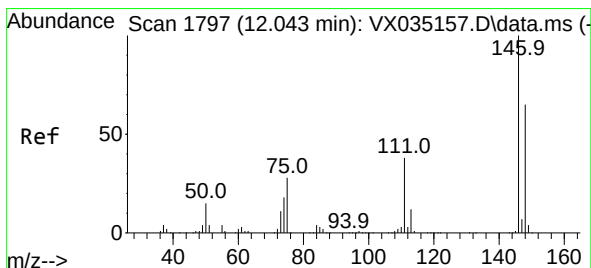
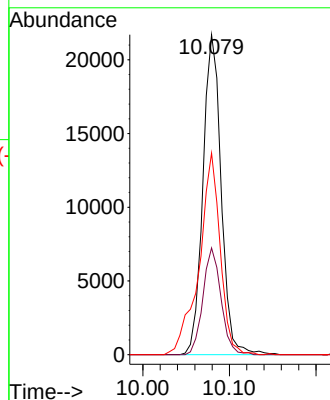
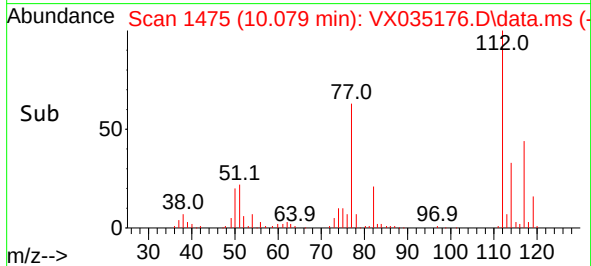


#51
Chlorobenzene
Concen: 3.700 ug/L
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX035176.D
Acq: 19 Apr 2023 17:47

Instrument :
MSVOA_X
ClientSampleId :

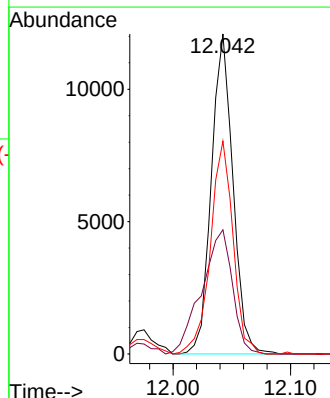
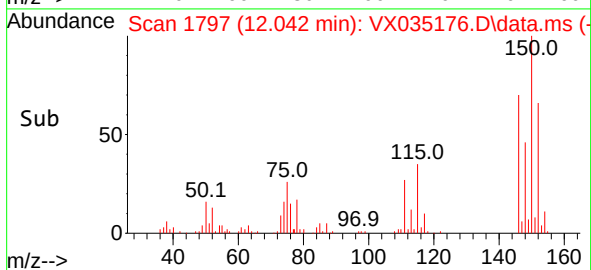
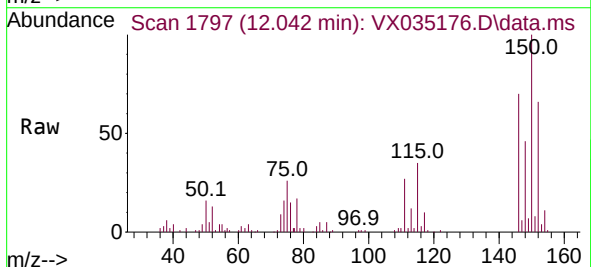


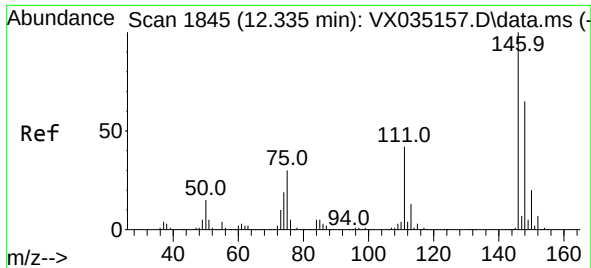
Tgt Ion:112 Resp: 31789
Ion Ratio Lower Upper
112 100
114 33.3 22.4 41.6
77 63.0 47.0 70.6



#65
1,4-Dichlorobenzene
Concen: 2.614 ug/L
RT: 12.042 min Scan# 1797
Delta R.T. -0.000 min
Lab File: VX035176.D
Acq: 19 Apr 2023 17:47

Tgt Ion:146 Resp: 15457
Ion Ratio Lower Upper
146 100
111 38.8 27.9 51.7
148 66.5 45.9 85.3

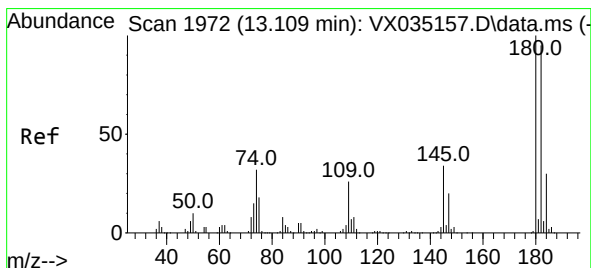
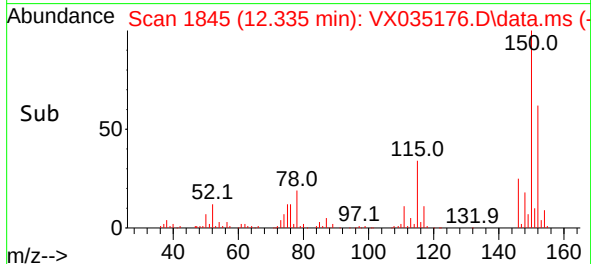
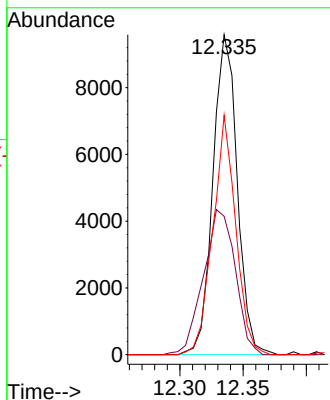
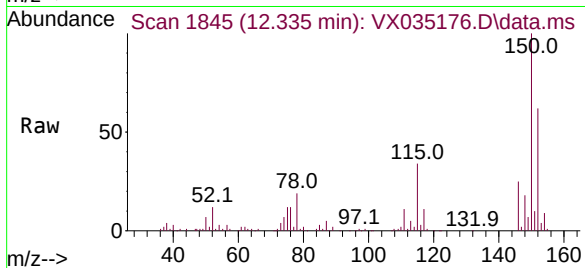




#67
1,2-Dichlorobenzene
Concen: 2.187 ug/L
RT: 12.335 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX035176.D
Acq: 19 Apr 2023 17:47

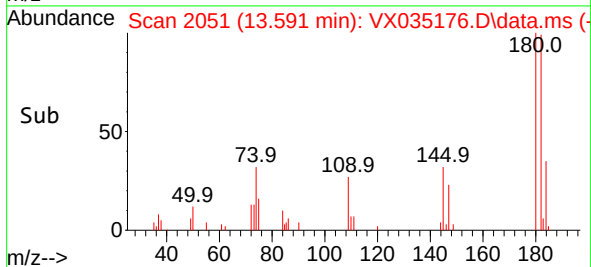
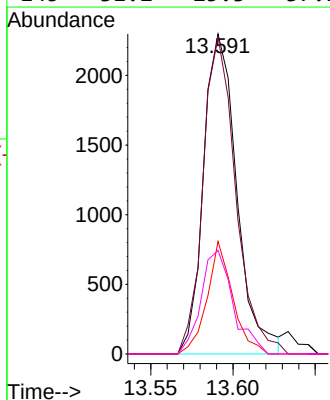
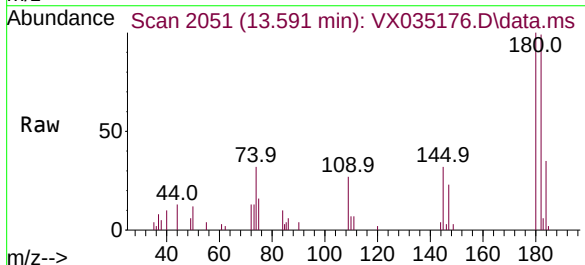
Instrument :
MSVOA_X
ClientSampleId :

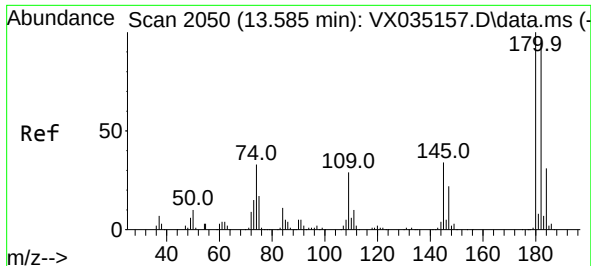
Tgt Ion:146 Resp: 12812
Ion Ratio Lower Upper
146 100
111 43.2 34.7 52.1
148 74.8 52.1 78.1



#69
1,3,5-Trichlorobenzene
Concen: 0.906 ug/L
RT: 13.591 min Scan# 2051
Delta R.T. 0.481 min
Lab File: VX035176.D
Acq: 19 Apr 2023 17:47

Tgt Ion:180 Resp: 3235
Ion Ratio Lower Upper
180 100
182 97.1 75.4 113.0
184 27.1 23.8 35.8
145 31.2 25.3 37.9





#70

1,2,4-trichlorobenzene

Concen: 0.967 ug/L

RT: 13.591 min Scan# 20

Delta R.T. 0.006 min

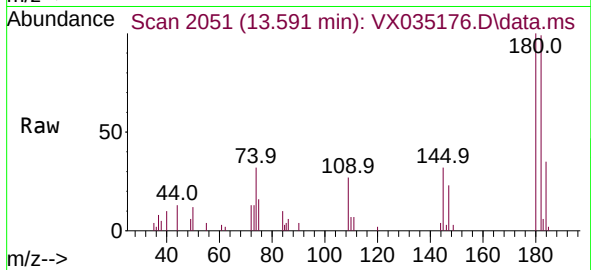
Lab File: VX035176.D

Acq: 19 Apr 2023 17:47

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:180 Resp: 3235

Ion Ratio Lower Upper

180 100

182 97.1 76.6 114.8

145 31.2 26.2 39.4

