

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041923\
 Data File : VX035177.D
 Acq On : 19 Apr 2023 18:10
 Operator : JC/MD
 Sample : 02333-17
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Apr 20 02:58:11 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

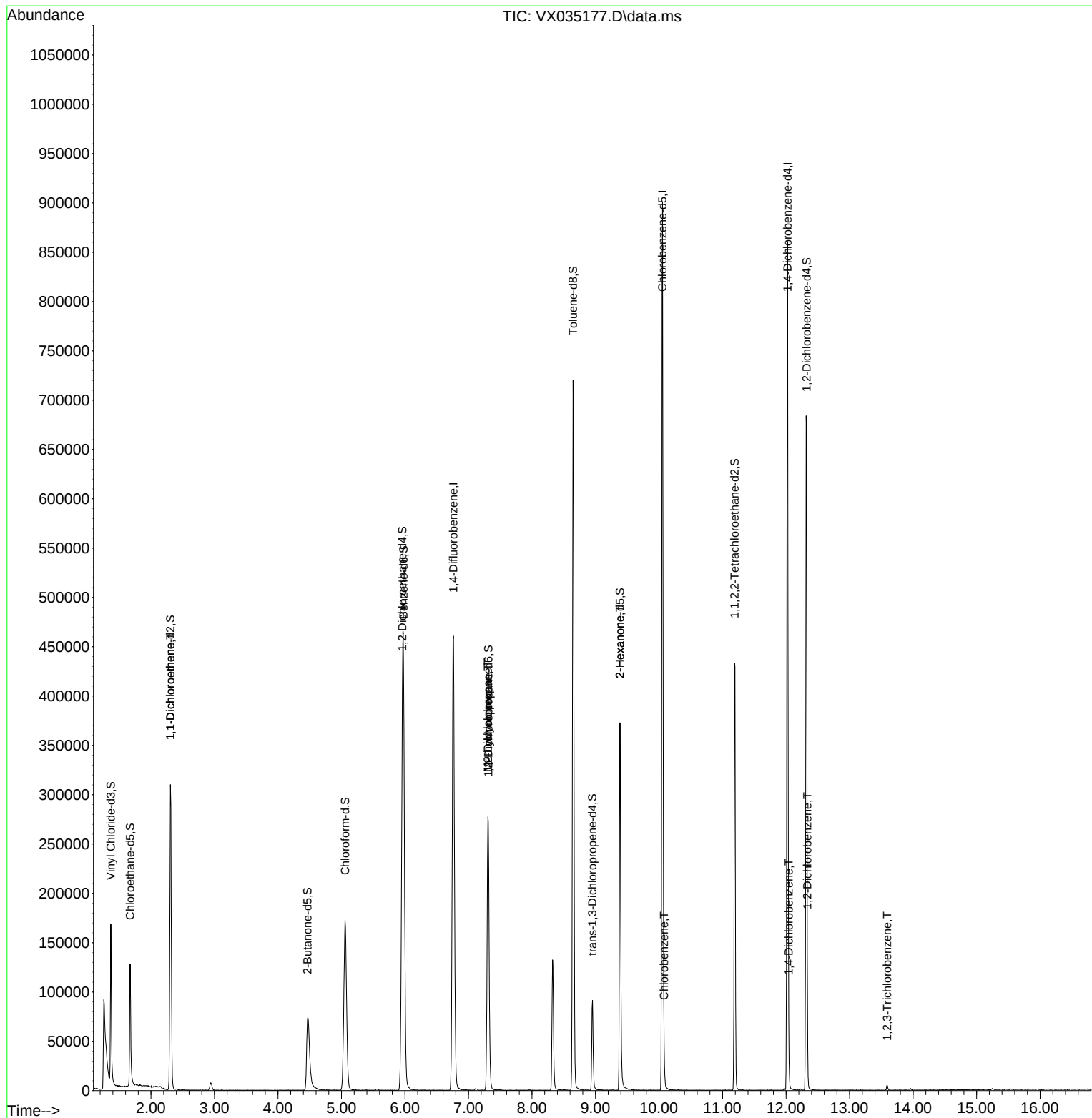
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	482058	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	412491	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	182978	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	109026	35.076	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	70.160%
7) Chloroethane-d5	1.672	69	85130	37.902	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	75.800%
11) 1,1-Dichloroethene-d2	2.306	65	55410	37.256	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.520%
21) 2-Butanone-d5	4.465	46	153628	74.167	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	74.170%
24) Chloroform-d	5.056	84	216682	37.017	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	74.040%
26) 1,2-Dichloroethane-d4	5.958	65	145413	38.684	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	77.360%
32) Benzene-d6	5.976	84	474807	40.071	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	80.140%
36) 1,2-Dichloropropane-d6	7.312	67	143101	39.536	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	79.080%
41) Toluene-d8	8.647	98	420902	38.867	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	77.740%#
43) trans-1,3-Dichloroprop...	8.952	79	44308	28.011	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	56.020%#
47) 2-Hexanone-d5	9.384	63	105700	72.721	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	72.720%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	170335	38.426	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	76.860%
66) 1,2-Dichlorobenzene-d4	12.323	152	143383	40.436	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	80.880%
Target Compounds						
12) 1,1-Dichloroethene	2.306	96	1390	0.483	ug/L #	1
35) Methylcyclohexane	7.305	83	34491	7.707	ug/L #	18
37) 1,2-Dichloropropane	7.305	63	16133	4.905	ug/L #	86
48) 2-Hexanone	9.384	43	12910	3.922	ug/L #	73
51) Chlorobenzene	10.079	112	8609	1.008	ug/L	98
65) 1,4-Dichlorobenzene	12.042	146	6500	1.119	ug/L	96
67) 1,2-Dichlorobenzene	12.335	146	6160	1.071	ug/L #	83
72) 1,2,3-Trichlorobenzene	13.591	180	1668	0.514	ug/L	90

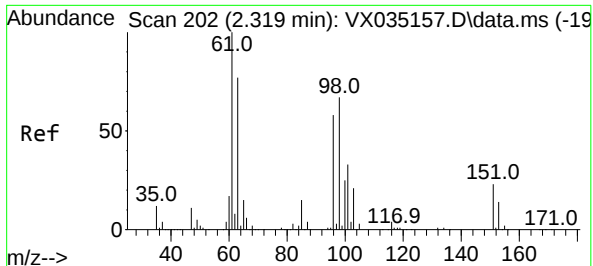
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Thu Apr 20 02:36:32 2023
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.483 ug/L

RT: 2.306 min Scan# 20

Delta R.T. -0.012 min

Lab File: VX035177.D

Acq: 19 Apr 2023 18:10

Instrument :

MSVOA_X

ClientSampleId :

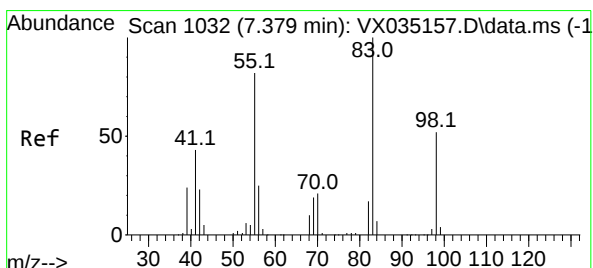
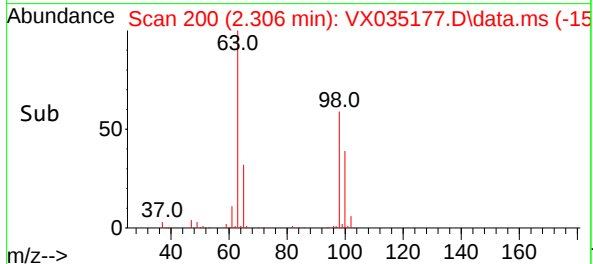
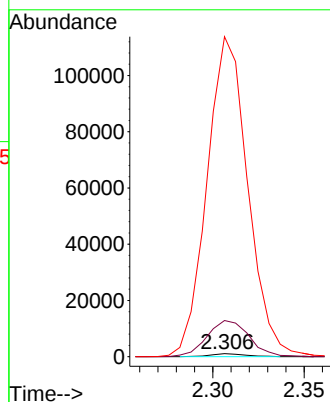
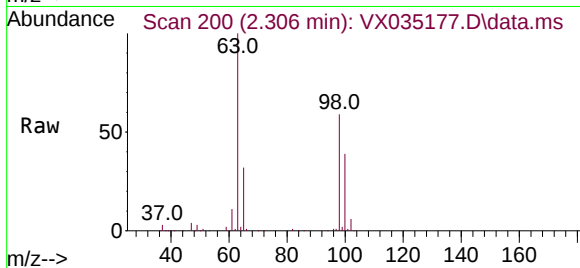
Tgt Ion: 96 Resp: 1390

Ion Ratio Lower Upper

96 100

61 1207.1 119.0 221.0#

63 10675.4 91.0 169.0#



#35

Methylcyclohexane

Concen: 7.707 ug/L

RT: 7.305 min Scan# 1020

Delta R.T. -0.073 min

Lab File: VX035177.D

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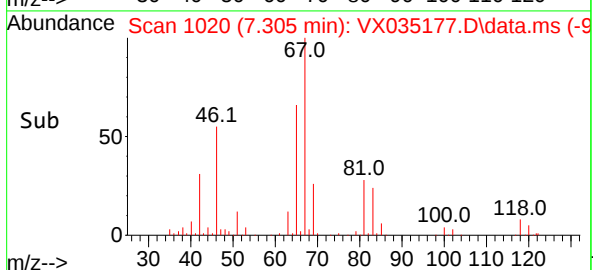
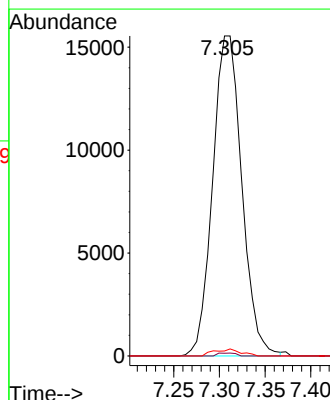
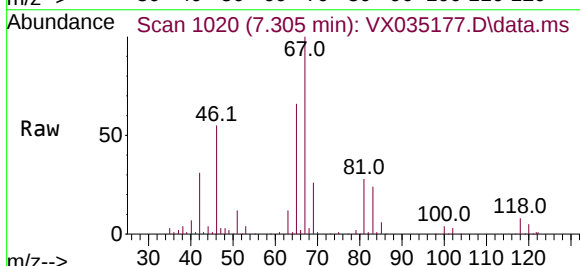
Tgt Ion: 83 Resp: 34491

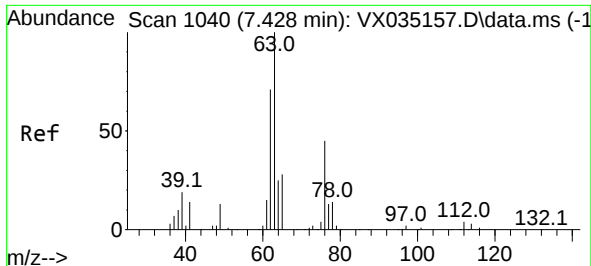
Ion Ratio Lower Upper

83 100

55 0.6 62.2 93.2#

98 0.6 39.3 58.9#





#37

1,2-Dichloropropane

Concen: 4.905 ug/L

RT: 7.305 min Scan# 1

Delta R.T. -0.122 min

Lab File: VX035177.D

Acq: 19 Apr 2023 18:10

Instrument :

MSVOA_X

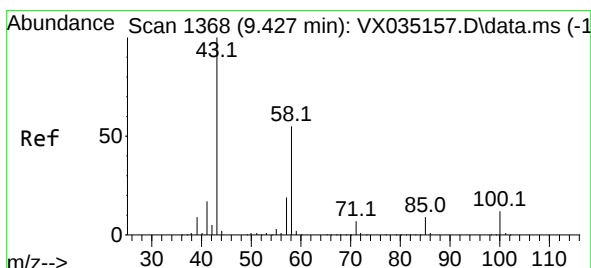
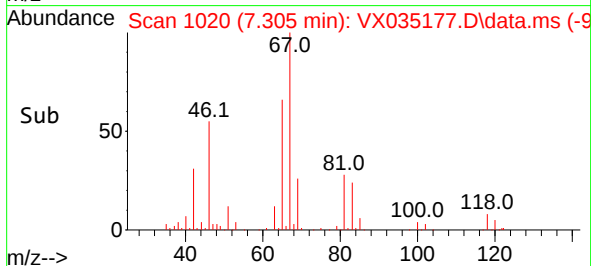
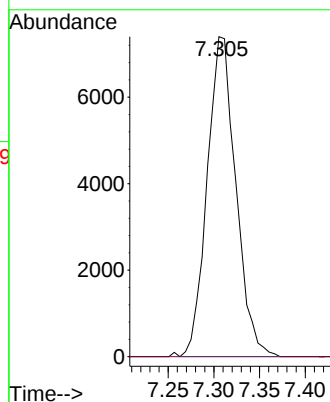
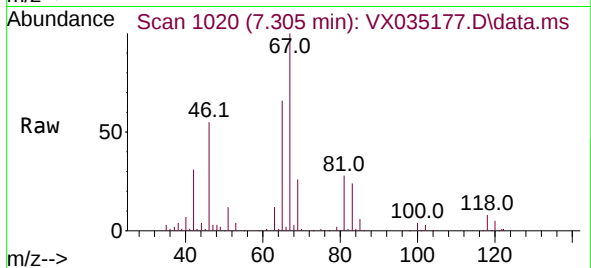
ClientSampleId :

Tgt Ion: 63 Resp: 16133

Ion Ratio Lower Upper

63 100

112 0.0 3.7 5.5#



#48

2-Hexanone

Concen: 3.922 ug/L

RT: 9.384 min Scan# 1361

Delta R.T. -0.043 min

Lab File: VX035177.D

Acq: 19 Apr 2023 18:10

Tgt Ion: 43 Resp: 12910

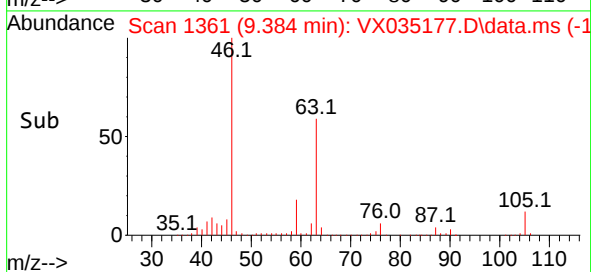
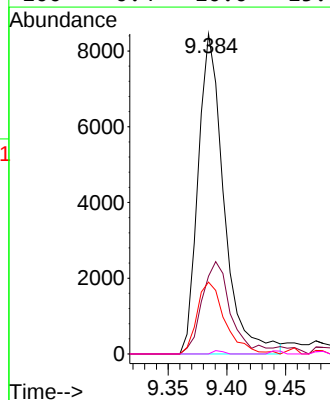
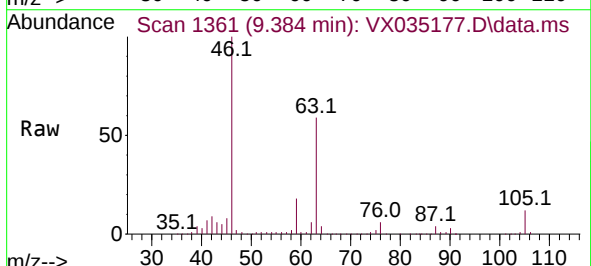
Ion Ratio Lower Upper

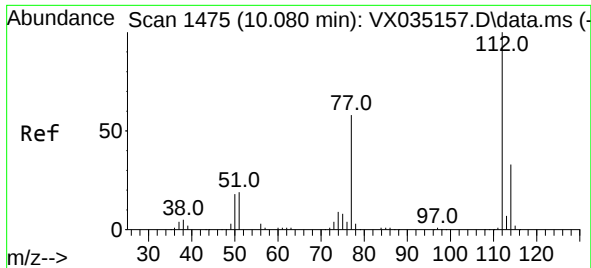
43 100

58 30.7 43.2 64.8#

57 24.1 15.4 23.0#

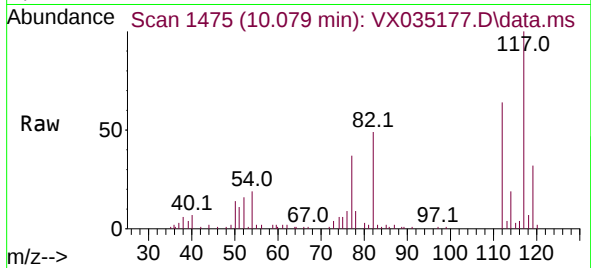
100 0.4 10.0 15.0#



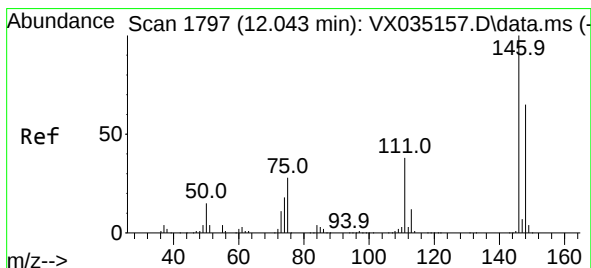
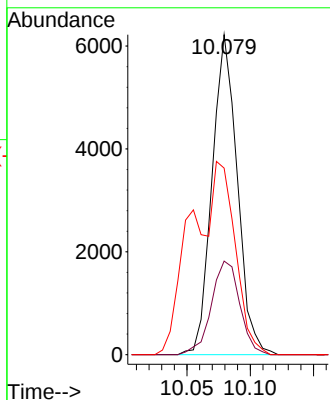
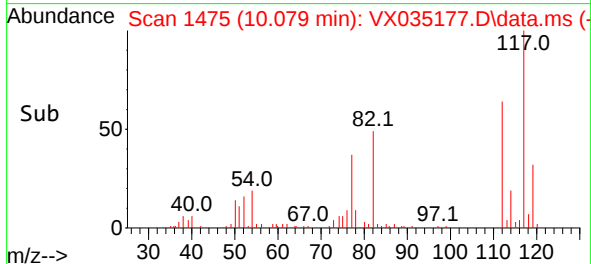


#51
Chlorobenzene
Concen: 1.008 ug/L
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX035177.D
Acq: 19 Apr 2023 18:10

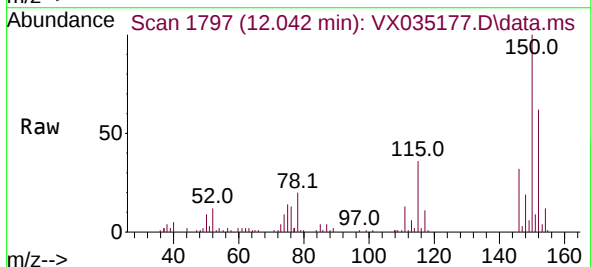
Instrument :
MSVOA_X
ClientSampleId :



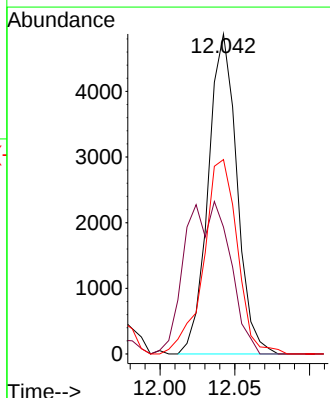
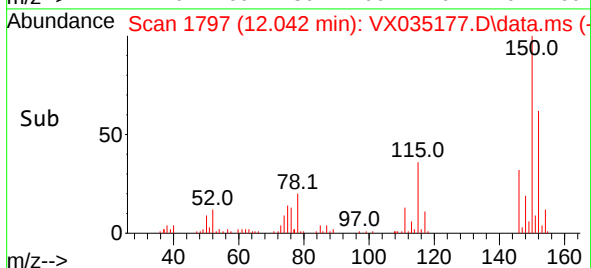
Tgt Ion:112 Resp: 8609
Ion Ratio Lower Upper
112 100
114 29.3 22.4 41.6
77 58.3 47.0 70.6

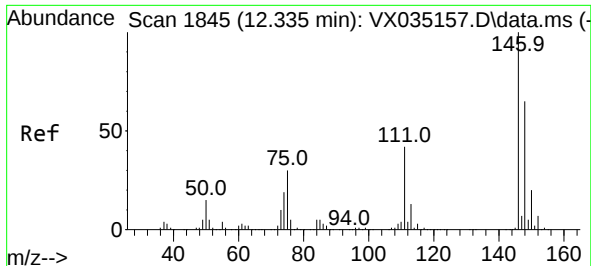


#65
1,4-Dichlorobenzene
Concen: 1.119 ug/L
RT: 12.042 min Scan# 1797
Delta R.T. -0.000 min
Lab File: VX035177.D
Acq: 19 Apr 2023 18:10



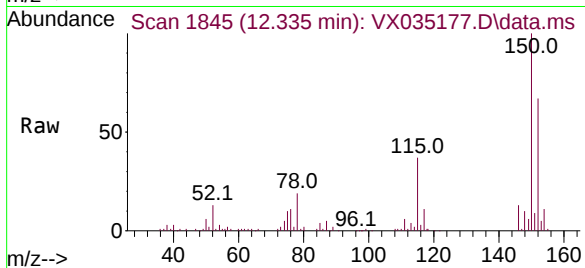
Tgt Ion:146 Resp: 6500
Ion Ratio Lower Upper
146 100
111 39.6 27.9 51.7
148 60.7 45.9 85.3



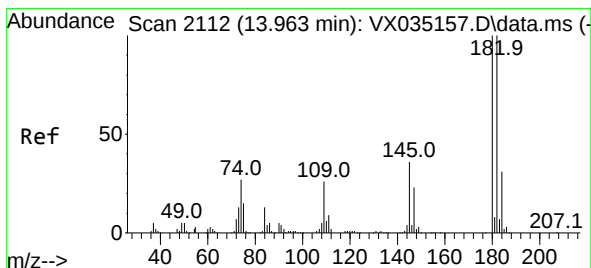
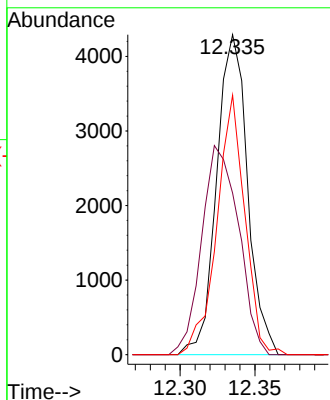
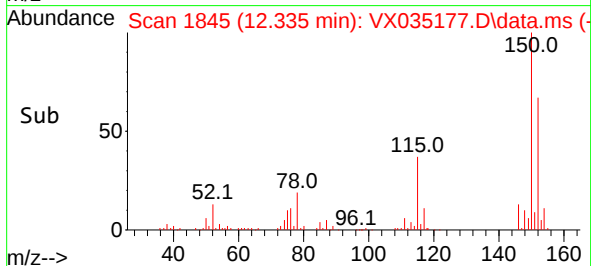


#67
 1,2-Dichlorobenzene
 Concen: 1.071 ug/L
 RT: 12.335 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX035177.D
 Acq: 19 Apr 2023 18:10

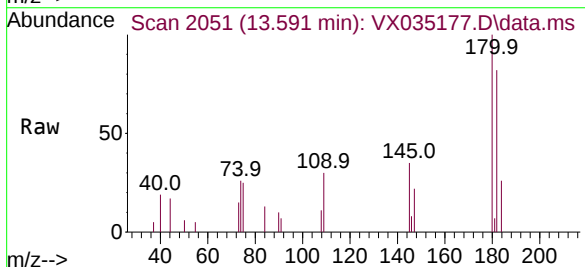
Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion:146 Resp: 6160
 Ion Ratio Lower Upper
 146 100
 111 50.5 34.7 52.1
 148 81.1 52.1 78.1#



#72
 1,2,3-Trichlorobenzene
 Concen: 0.514 ug/L
 RT: 13.591 min Scan# 2051
 Delta R.T. -0.372 min
 Lab File: VX035177.D
 Acq: 19 Apr 2023 18:10



Tgt Ion:180 Resp: 1668
 Ion Ratio Lower Upper
 180 100
 182 81.1 75.0 112.6
 145 33.2 27.1 40.7

