

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041923\
 Data File : VX035200.D
 Acq On : 20 Apr 2023 03:25
 Operator : JC/MD
 Sample : 02378-18
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Apr 20 05:11:34 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML041823WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 20 04:51:49 2023
 Response via : Initial Calibration

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

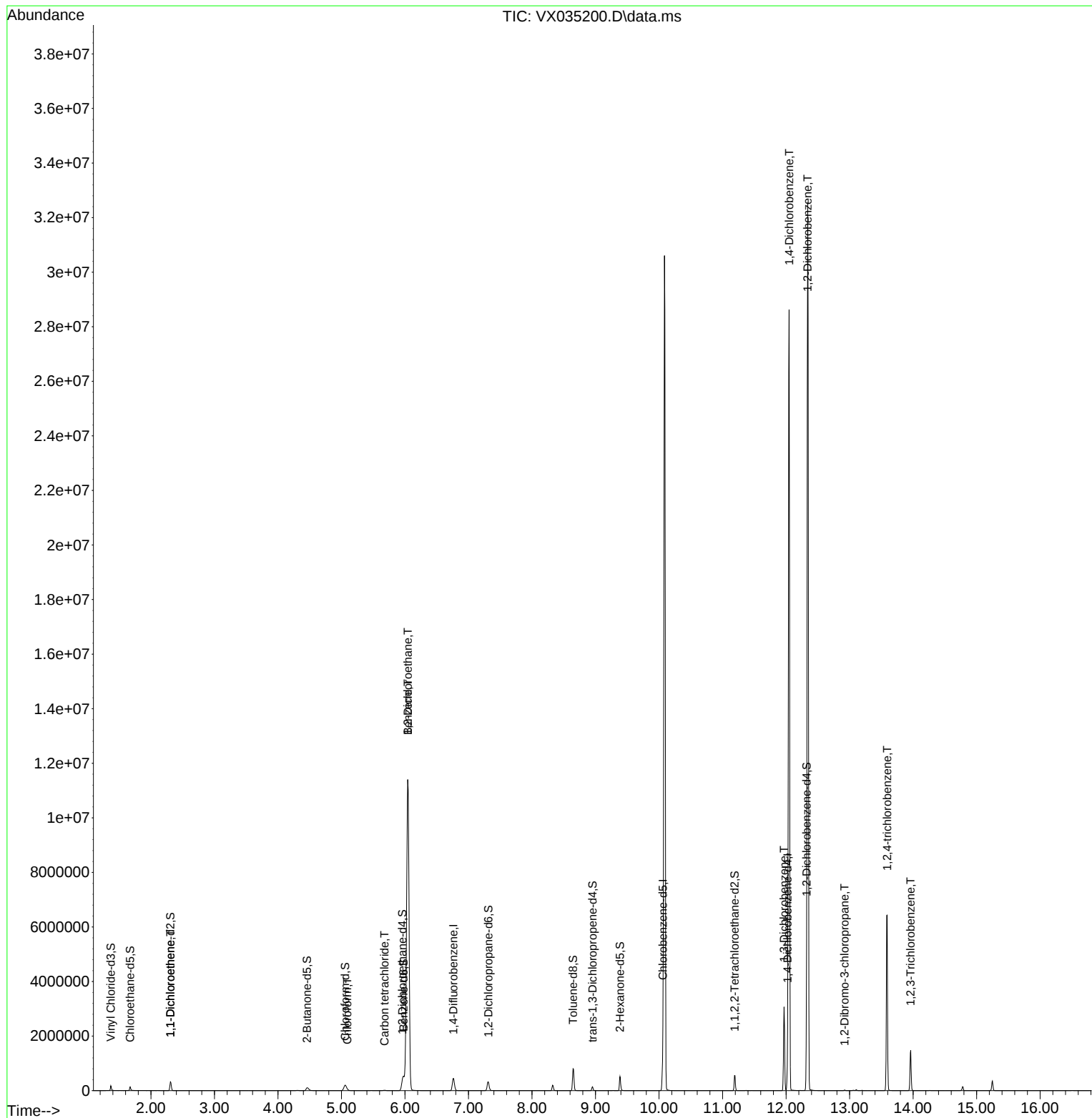
Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	470739	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.061	117	416634	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	212080	50.000	ug/L	# 0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	119574	39.394	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	78.780%	
7) Chloroethane-d5	1.672	69	90416	41.224	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	=	82.440%	
11) 1,1-Dichloroethene-d2	2.306	65	58205	40.076	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	80.160%	
21) 2-Butanone-d5	4.458	46	204420	101.061	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	101.060%	
24) Chloroform-d	5.056	84	261140	45.685	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	91.360%	
26) 1,2-Dichloroethane-d4	5.958	65	175146	47.714	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	95.420%	
32) Benzene-d6	5.976	84	546219	45.639	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	91.280%	
36) 1,2-Dichloropropane-d6	7.311	67	171990	47.045	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	94.080%	
41) Toluene-d8	8.646	98	489595	44.760	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	89.520%	
43) trans-1,3-Dichloroprop...	8.951	79	68671	42.982	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	85.960%	
47) 2-Hexanone-d5	9.384	63	149809	102.042	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	102.040%	
56) 1,1,2,2-Tetrachloroeth...	11.189	84	219641	49.057	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	98.120%	
66) 1,2-Dichlorobenzene-d4	12.323	152	186219	45.310	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	90.620%	
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.306	96	1540	0.548	ug/L #	1
25) Chloroform	5.092	83	19341	3.417	ug/L	97
27) 1,2-Dichloroethane	6.043	62	131149	28.930	ug/L #	73
31) Carbon tetrachloride	5.677	117	13125	3.168	ug/L	96
33) Benzene	6.043	78	13498718	1069.864	ug/L	100
64) 1,3-Dichlorobenzene	11.969	146	968057	147.188	ug/L	99
65) 1,4-Dichlorobenzene	12.048	146	8423810	1251.671	ug/L #	86
67) 1,2-Dichlorobenzene	12.341	146	9617114	1442.104	ug/L #	84
68) 1,2-Dibromo-3-chloropr...	12.920	75	4140	4.285	ug/L #	1
70) 1,2,4-trichlorobenzene	13.591	180	1554299	408.246	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	353292	93.997	ug/L	100

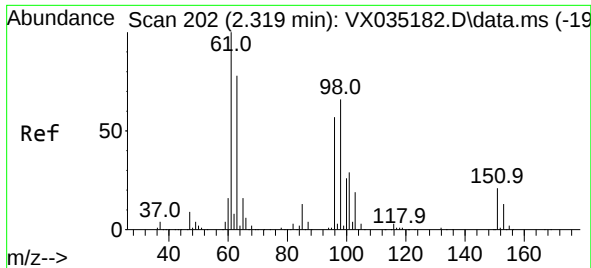
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.548 ug/L

RT: 2.306 min Scan# 200

Delta R.T. -0.013 min

Lab File: VX035200.D

Acq: 20 Apr 2023 03:25

Instrument :

MSVOA_X

ClientSampleId :

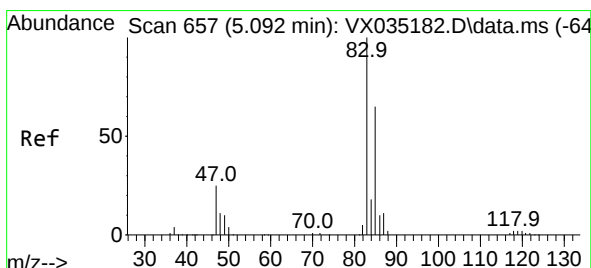
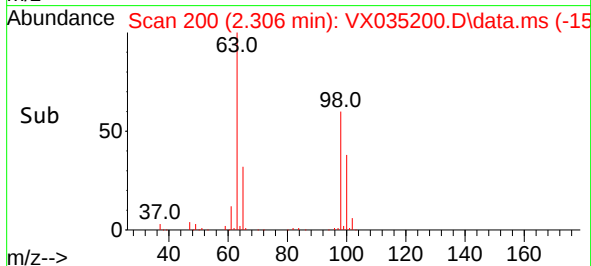
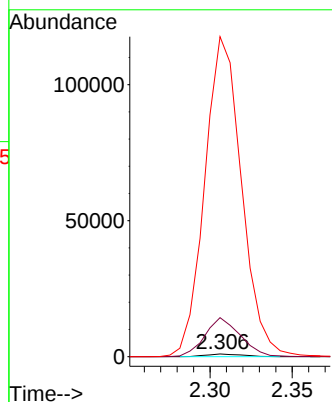
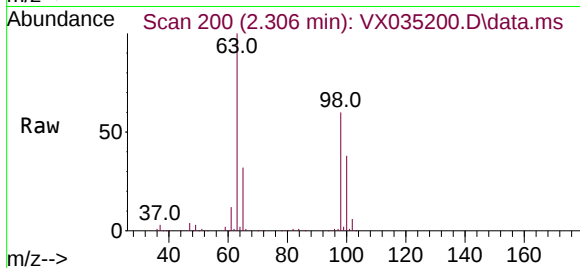
Tgt Ion: 96 Resp: 1540

Ion Ratio Lower Upper

96 100

61 1396.7 119.0 221.0#

63 11432.5 91.0 169.0#



#25

Chloroform

Concen: 3.417 ug/L

RT: 5.092 min Scan# 657

Delta R.T. -0.000 min

Lab File: VX035200.D

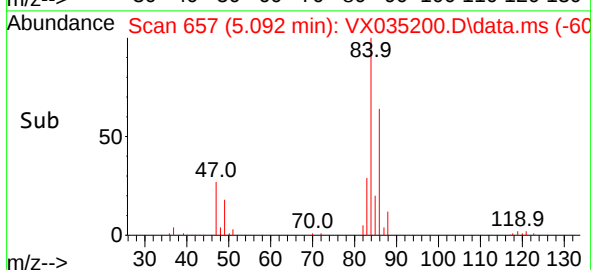
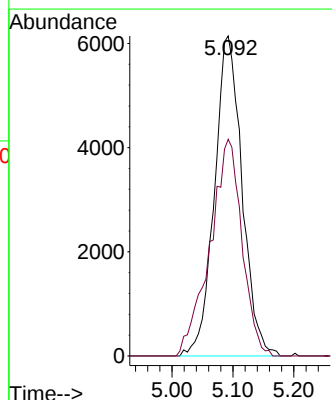
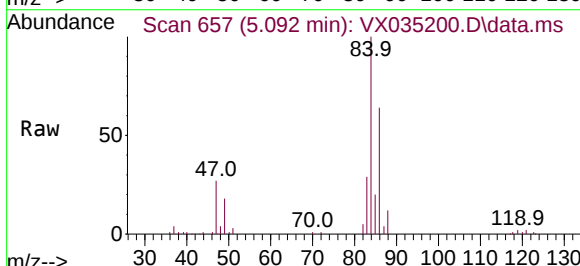
Acq: 20 Apr 2023 03:25

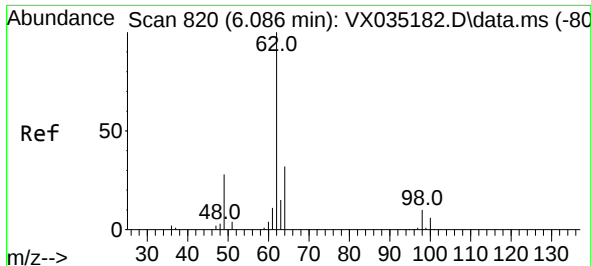
Tgt Ion: 83 Resp: 19341

Ion Ratio Lower Upper

83 100

85 67.7 46.0 85.4





#27

1,2-Dichloroethane

Concen: 28.930 ug/L

RT: 6.043 min Scan# 81

Delta R.T. -0.043 min

Lab File: VX035200.D

Acq: 20 Apr 2023 03:25

Instrument :

MSVOA_X

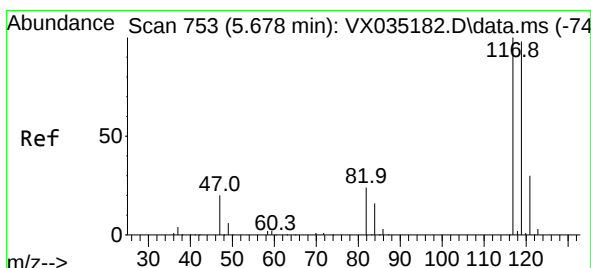
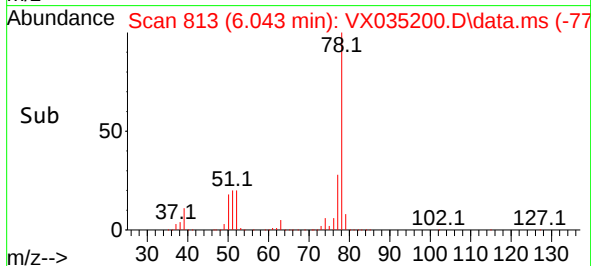
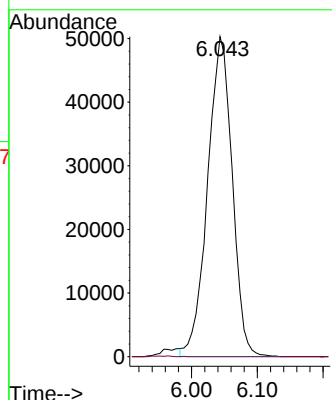
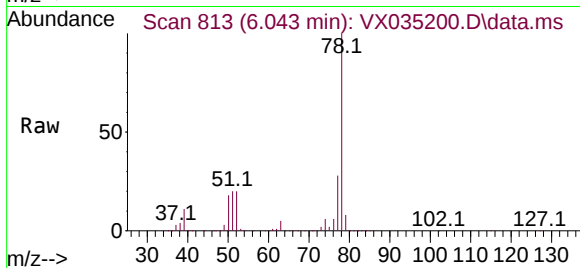
ClientSampleId :

Tgt Ion: 62 Resp: 131149

Ion Ratio Lower Upper

62 100

98 0.0 7.8 11.8#



#31

Carbon tetrachloride

Concen: 3.168 ug/L

RT: 5.677 min Scan# 753

Delta R.T. -0.000 min

Lab File: VX035200.D

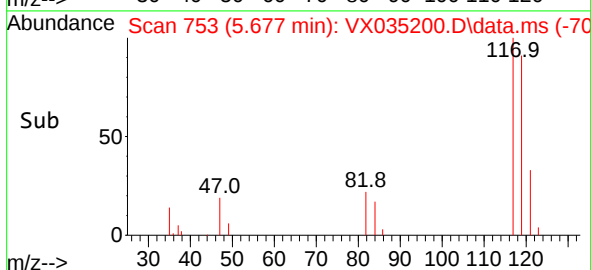
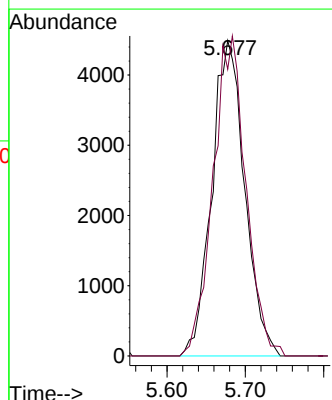
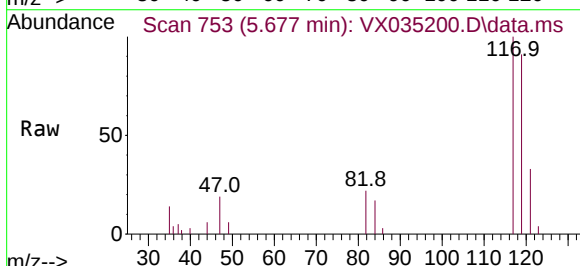
Acq: 20 Apr 2023 03:25

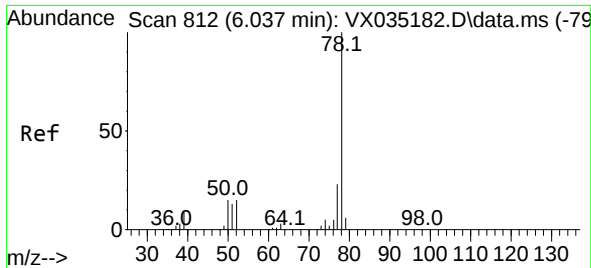
Tgt Ion: 117 Resp: 13125

Ion Ratio Lower Upper

117 100

119 100.5 77.1 115.7

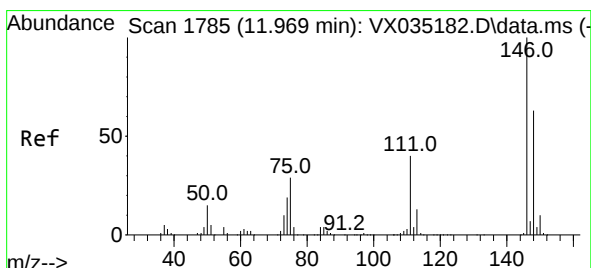
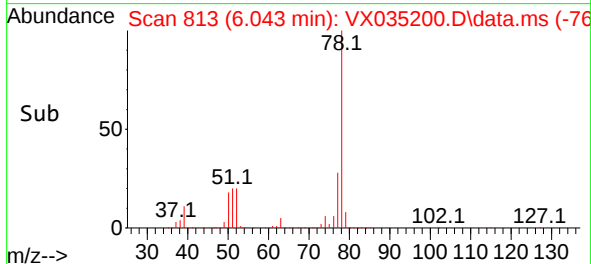
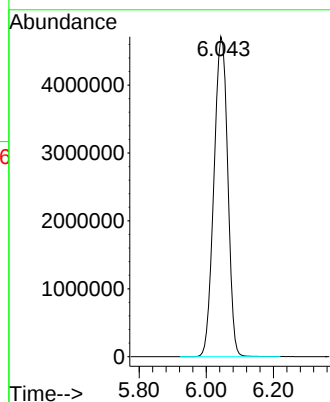
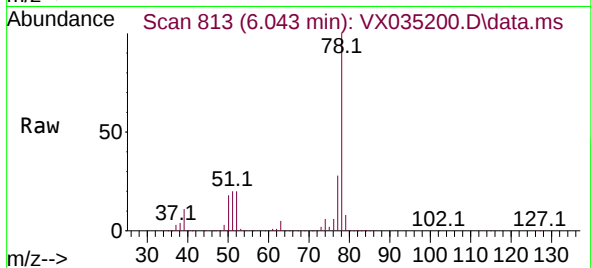




#33
Benzene
Concen: 1069.864 ug/L
RT: 6.043 min Scan# 812
Delta R.T. 0.006 min
Lab File: VX035200.D
Acq: 20 Apr 2023 03:25

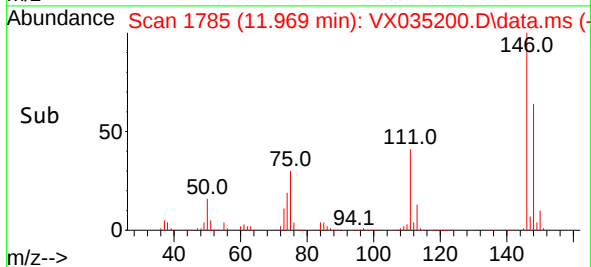
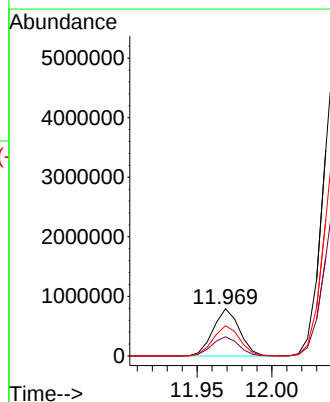
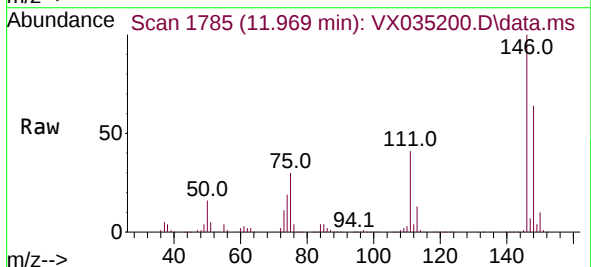
Instrument :
MSVOA_X
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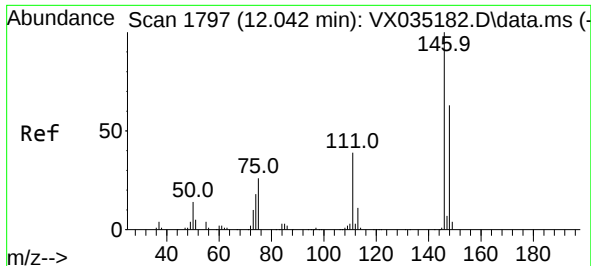
Tgt Ion: 78 Resp:13498718



#64
1,3-Dichlorobenzene
Concen: 147.188 ug/L
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX035200.D
Acq: 20 Apr 2023 03:25

Tgt Ion:146 Resp: 968057
Ion Ratio Lower Upper
146 100
111 40.9 28.9 53.7
148 64.1 44.3 82.3

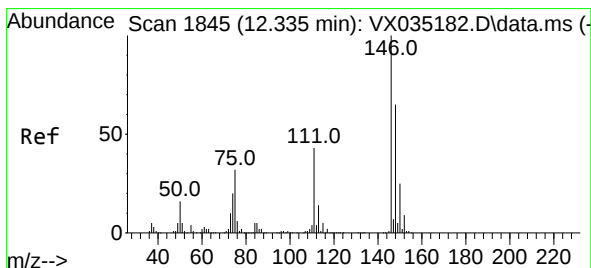
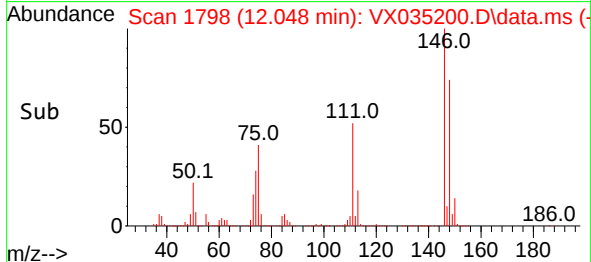
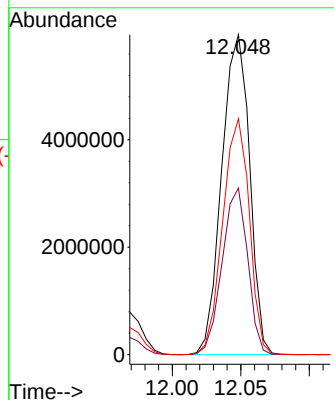
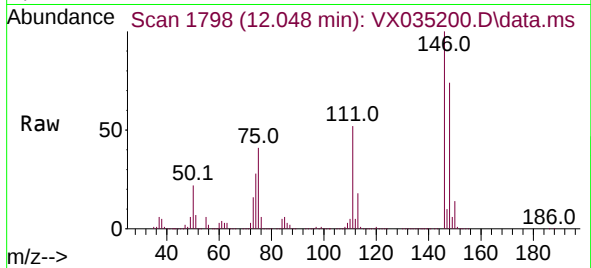




#65
1,4-Dichlorobenzene
Concen: 1251.671 ug/L
RT: 12.048 min Scan# 1797
Delta R.T. 0.006 min
Lab File: VX035200.D
Acq: 20 Apr 2023 03:25

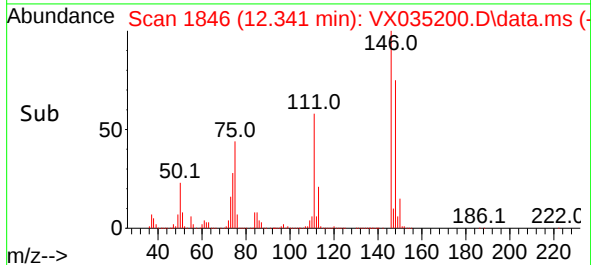
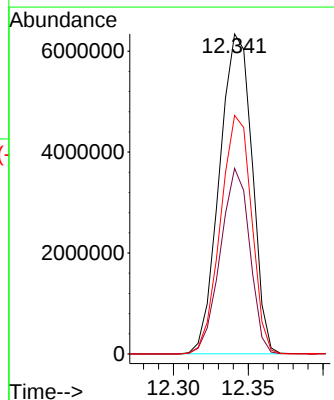
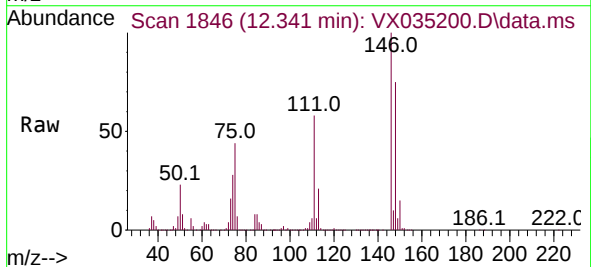
Instrument :
MSVOA_X
ClientSampleId :

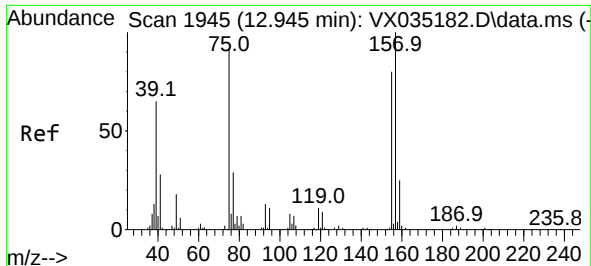
Tgt Ion:146 Resp: 8423810
Ion Ratio Lower Upper
146 100
111 52.0 27.9 51.7#
148 73.8 45.9 85.3



#67
1,2-Dichlorobenzene
Concen: 1442.104 ug/L
RT: 12.341 min Scan# 1846
Delta R.T. 0.006 min
Lab File: VX035200.D
Acq: 20 Apr 2023 03:25

Tgt Ion:146 Resp: 9617114
Ion Ratio Lower Upper
146 100
111 58.0 34.7 52.1#
148 74.6 52.1 78.1

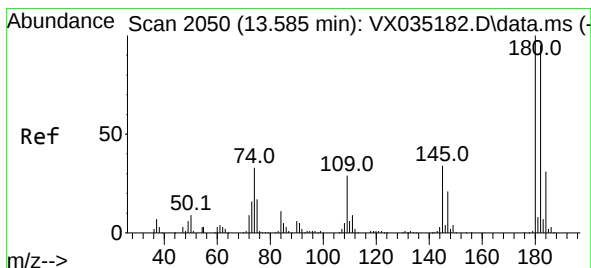
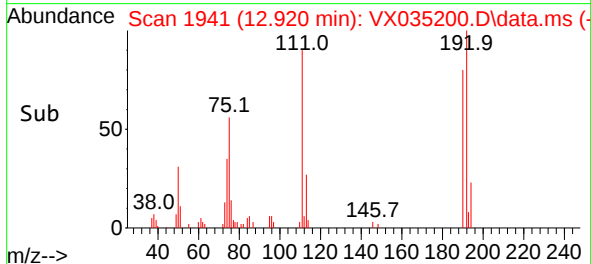
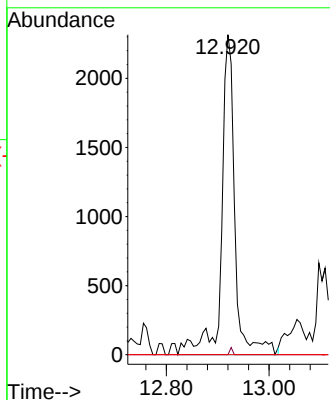
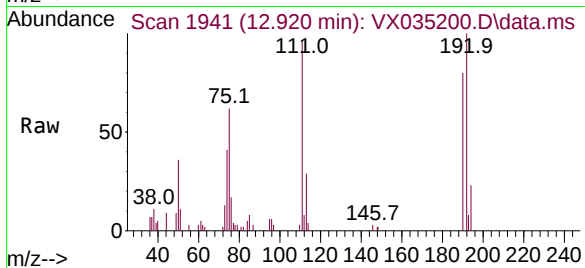




#68
 1,2-Dibromo-3-chloropropane
 Concen: 4.285 ug/L
 RT: 12.920 min Scan# 1945
 Delta R.T. -0.025 min
 Lab File: VX035200.D
 Acq: 20 Apr 2023 03:25

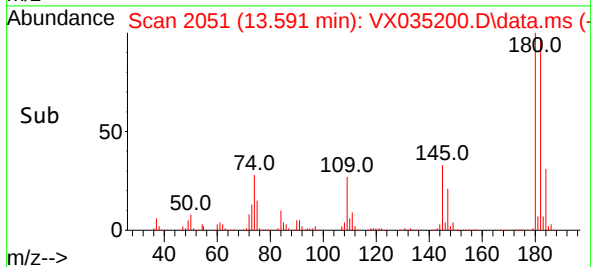
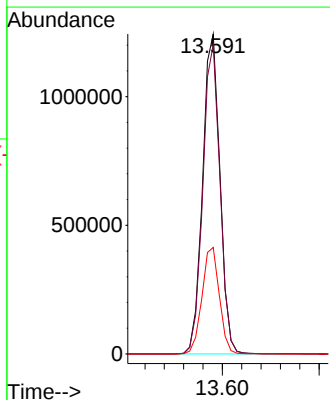
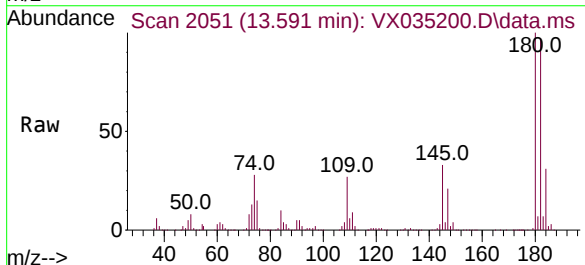
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 ClientSampleId :

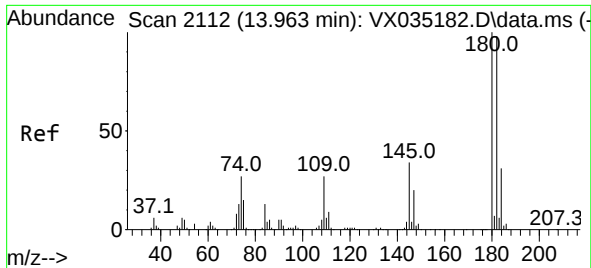
Tgt Ion: 75 Resp: 4140
 Ion Ratio Lower Upper
 75 100
 155 0.0 69.9 104.9#
 157 0.0 90.4 135.6#



#70
 1,2,4-trichlorobenzene
 Concen: 408.246 ug/L
 RT: 13.591 min Scan# 2051
 Delta R.T. 0.006 min
 Lab File: VX035200.D
 Acq: 20 Apr 2023 03:25

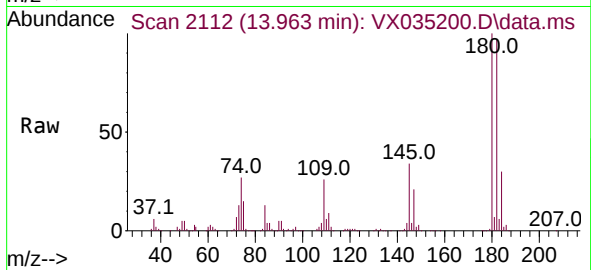
Tgt Ion:180 Resp: 1554299
 Ion Ratio Lower Upper
 180 100
 182 95.5 76.6 114.8
 145 33.3 26.2 39.4





#72
 1,2,3-Trichlorobenzene
 Concen: 93.997 ug/L
 RT: 13.963 min Scan# 2112
 Delta R.T. -0.000 min
 Lab File: VX035200.D
 Acq: 20 Apr 2023 03:25

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion:180 Resp: 353292
 Ion Ratio Lower Upper
 180 100
 182 94.0 75.0 112.6
 145 34.0 27.1 40.7

