

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122123\
 Data File : VX039423.D
 Acq On : 21 Dec 2023 12:47
 Operator : JC/MD
 Sample : 05808-10
 Misc : 4.90g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 22 00:43:53 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML120523WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 22 00:41:09 2023
 Response via : Initial Calibration

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

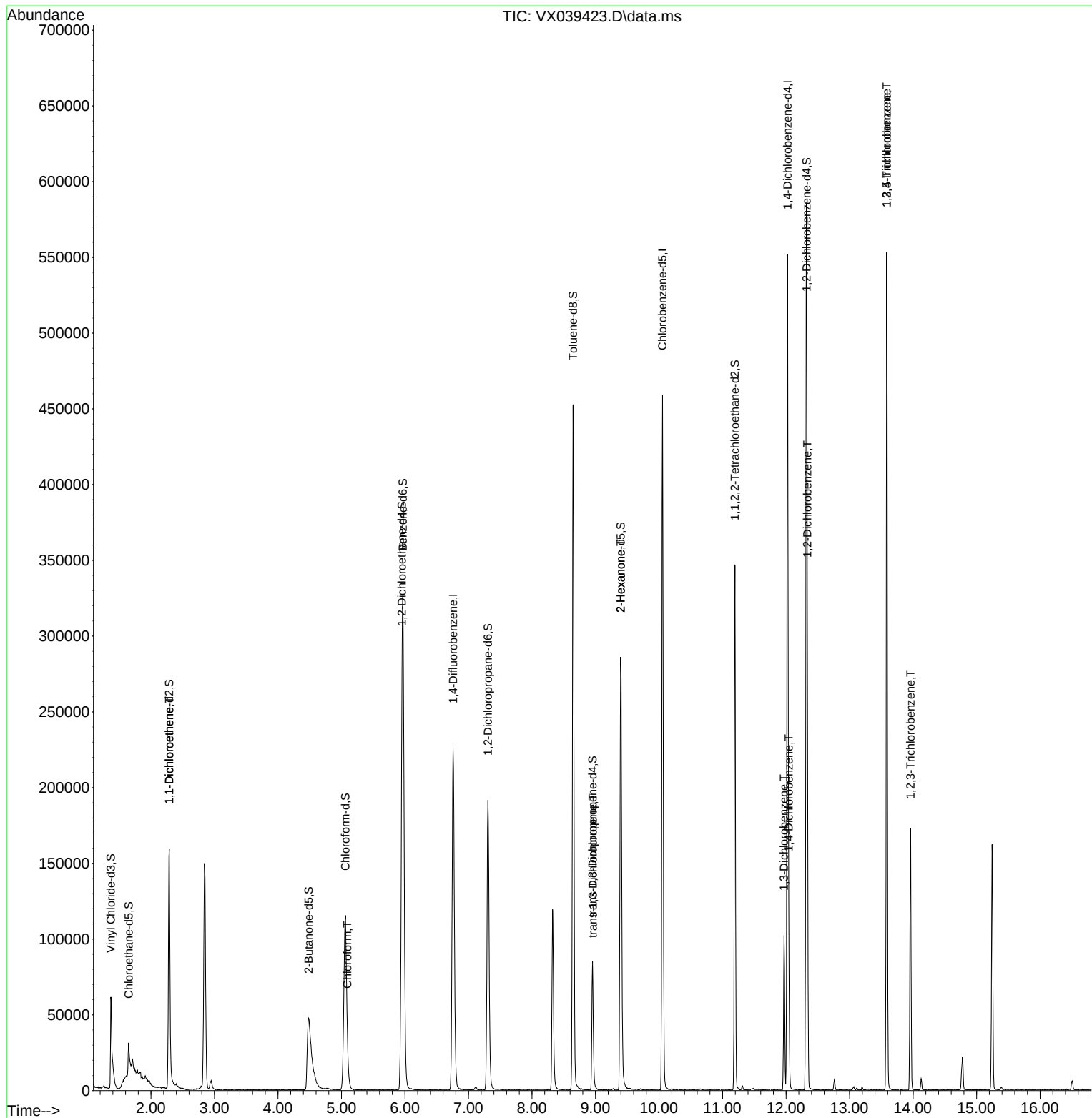
Internal Standards						
1) 1,4-Difluorobenzene	6.757	114	224880	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	203972	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	100785	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	66221	37.544	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	75.080%		
7) Chloroethane-d5	1.648	69	17677	13.559	ug/L	-0.02
Spiked Amount 50.000	Range 70 - 130		Recovery =	27.120%#		
11) 1,1-Dichloroethene-d2	2.288	65	32350	41.782	ug/L	-0.02
Spiked Amount 50.000	Range 60 - 125		Recovery =	83.560%		
21) 2-Butanone-d5	4.483	46	138288	86.613	ug/L	0.04
Spiked Amount 100.000	Range 40 - 130		Recovery =	86.610%		
24) Chloroform-d	5.062	84	143883	46.081	ug/L	0.01
Spiked Amount 50.000	Range 70 - 125		Recovery =	92.160%		
26) 1,2-Dichloroethane-d4	5.952	65	107807	53.313	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	106.620%		
32) Benzene-d6	5.964	84	303191	48.164	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	96.320%		
36) 1,2-Dichloropropane-d6	7.306	67	99228	48.981	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	97.960%		
41) Toluene-d8	8.647	98	263251	46.146	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	92.300%		
43) trans-1,3-Dichloroprop...	8.952	79	40568	39.351	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	78.700%		
47) 2-Hexanone-d5	9.397	63	107729	89.034	ug/L	0.02
Spiked Amount 100.000	Range 45 - 130		Recovery =	89.030%		
56) 1,1,2,2-Tetrachloroeth...	11.195	84	133789	46.554	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	93.100%		
66) 1,2-Dichlorobenzene-d4	12.323	152	95514	50.138	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	100.280%		
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.288	96	929	0.641	ug/L #	1
25) Chloroform	5.093	83	9915	3.294	ug/L	98
44) trans-1,3-Dichloropropene	8.958	75	2224	0.836	ug/L	90
48) 2-Hexanone	9.397	43	14634	5.803	ug/L #	67
64) 1,3-Dichlorobenzene	11.969	146	28483	9.036	ug/L	96
65) 1,4-Dichlorobenzene	12.043	146	27472	8.601	ug/L	93
67) 1,2-Dichlorobenzene	12.335	146	61800	20.496	ug/L	100
69) 1,3,5-Trichlorobenzene	13.585	180	109648	52.599	ug/L	99
70) 1,2,4-trichlorobenzene	13.585	180	109648	55.795	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	35349	18.577	ug/L	99

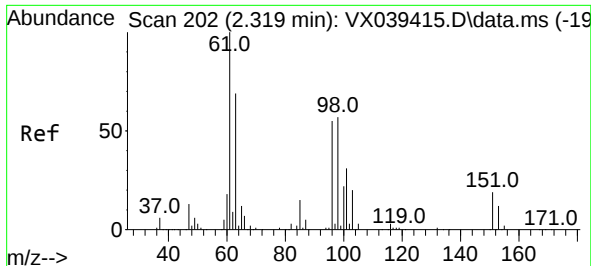
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
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Quant Time: Dec 22 00:43:53 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM120523WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Dec 22 00:41:09 2023
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.641 ug/L

RT: 2.288 min Scan# 197

Delta R.T. -0.030 min

Lab File: VX039423.D

Acq: 21 Dec 2023 12:47

Instrument :

MSVOA_X

ClientSampleId :

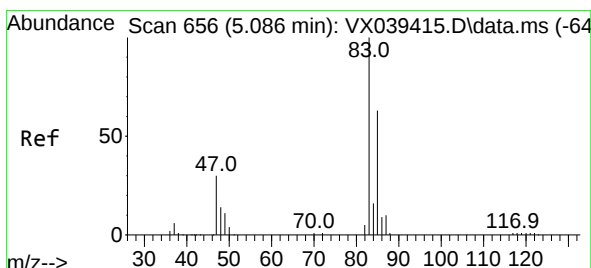
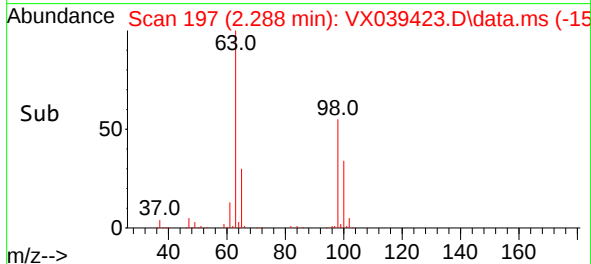
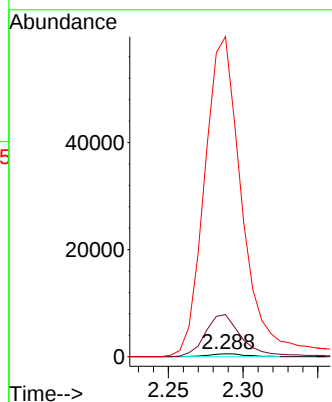
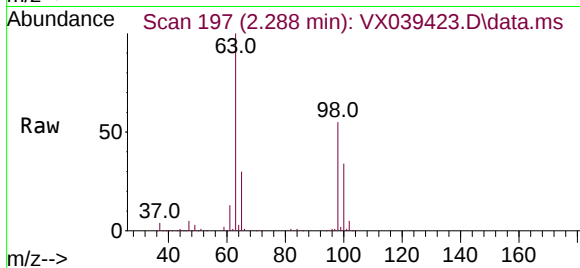
Tgt Ion: 96 Resp: 929

Ion Ratio Lower Upper

96 100

61 1459.0 128.0 237.6#

63 11088.7 101.5 188.5#



#25

Chloroform

Concen: 3.294 ug/L

RT: 5.093 min Scan# 657

Delta R.T. 0.006 min

Lab File: VX039423.D

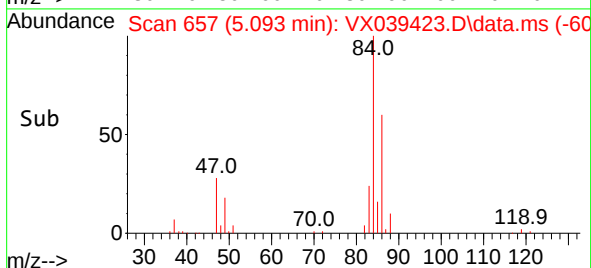
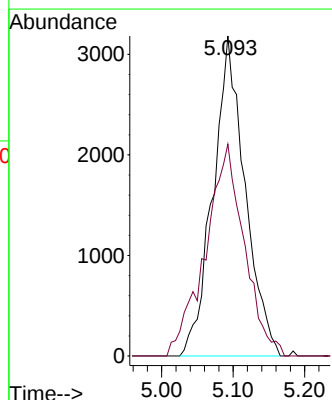
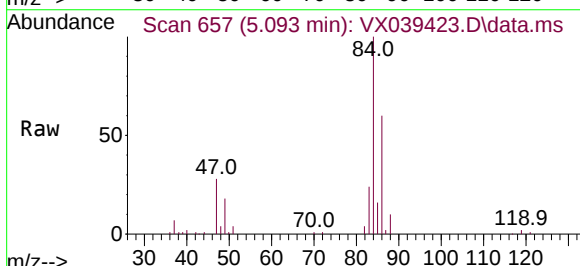
Acq: 21 Dec 2023 12:47

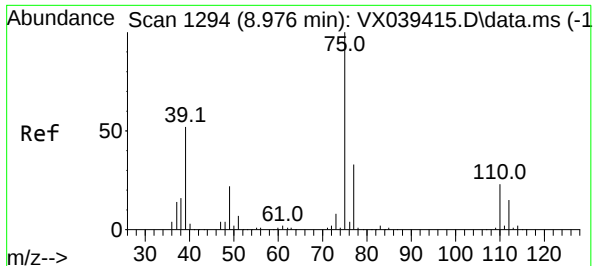
Tgt Ion: 83 Resp: 9915

Ion Ratio Lower Upper

83 100

85 66.2 45.1 83.7

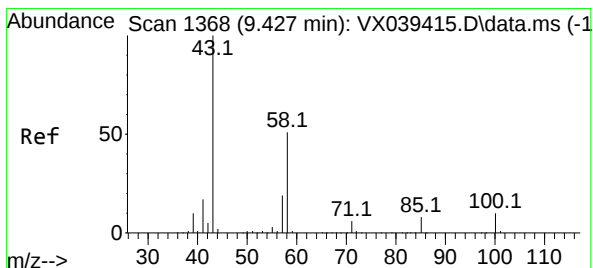
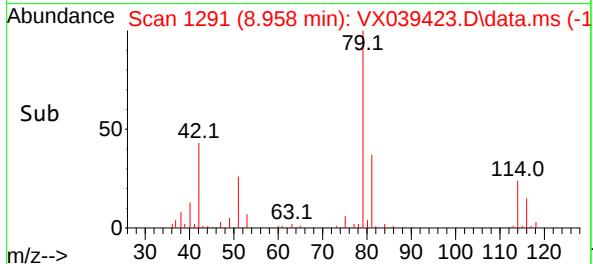
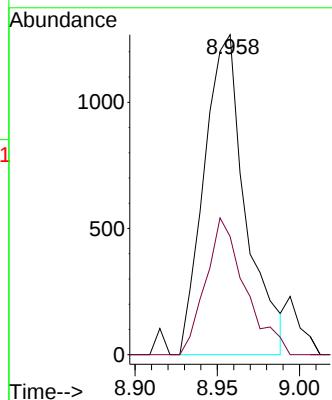
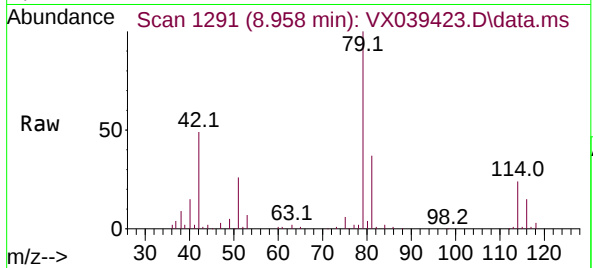




#44
trans-1,3-Dichloropropene
Concen: 0.836 ug/L
RT: 8.958 min Scan# 11
Delta R.T. -0.018 min
Lab File: VX039423.D
Acq: 21 Dec 2023 12:47

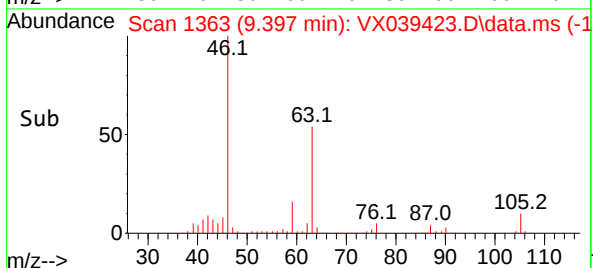
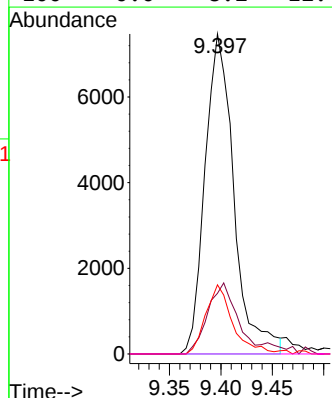
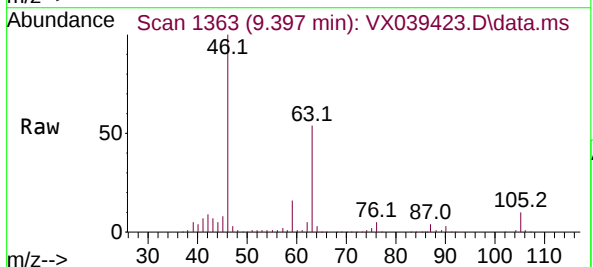
Instrument :
MSVOA_X
ClientSampleId :

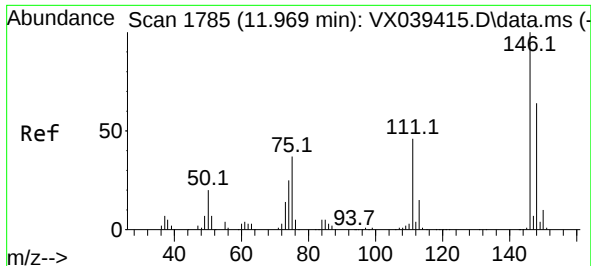
Tgt Ion: 75 Resp: 2224
Ion Ratio Lower Upper
75 100
77 36.9 22.0 40.8



#48
2-Hexanone
Concen: 5.803 ug/L
RT: 9.397 min Scan# 1363
Delta R.T. -0.030 min
Lab File: VX039423.D
Acq: 21 Dec 2023 12:47

Tgt Ion: 43 Resp: 14634
Ion Ratio Lower Upper
43 100
58 22.2 43.0 64.6#
57 20.1 14.6 21.8
100 0.0 8.2 12.4#

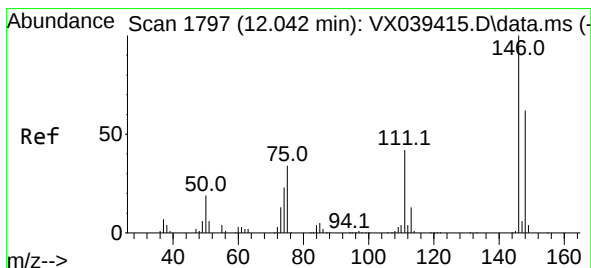
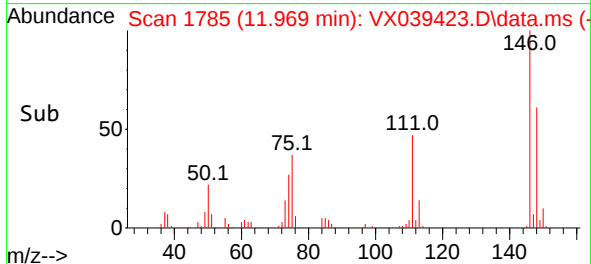
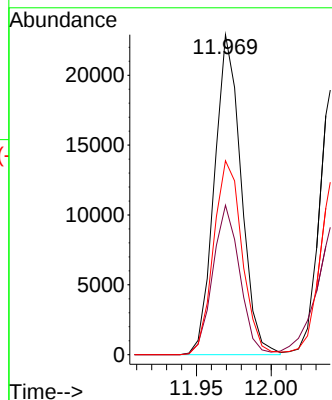
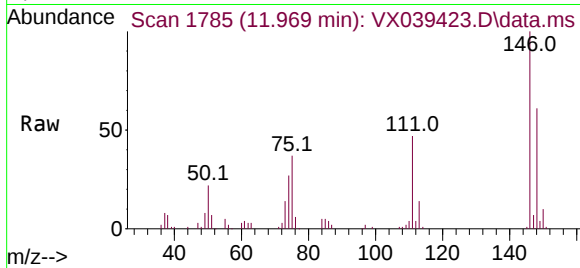




#64
1,3-Dichlorobenzene
Concen: 9.036 ug/L
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX039423.D
Acq: 21 Dec 2023 12:47

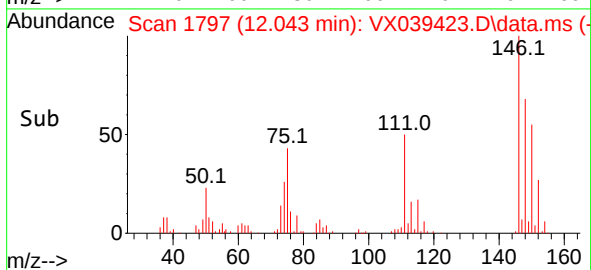
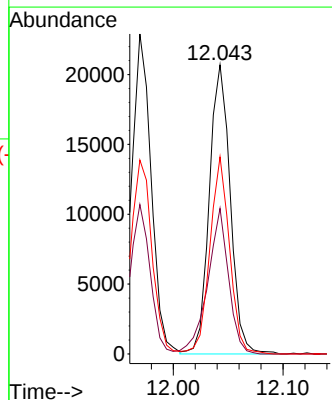
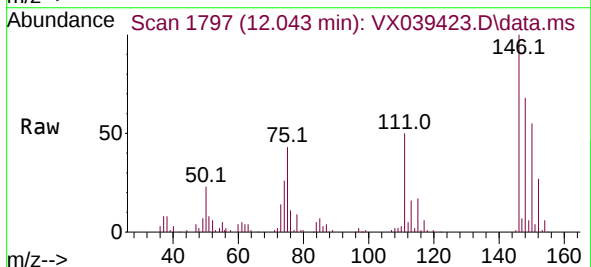
Instrument :
MSVOA_X
ClientSampleId :

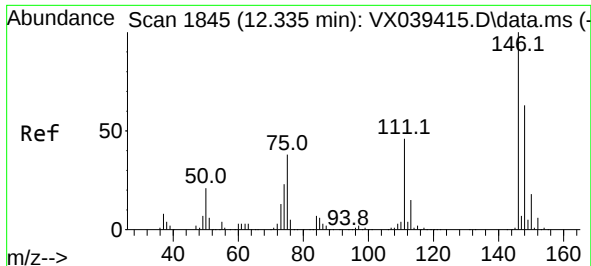
Tgt Ion:146 Resp: 28483
Ion Ratio Lower Upper
146 100
111 46.7 30.0 55.6
148 60.6 44.2 82.0



#65
1,4-Dichlorobenzene
Concen: 8.601 ug/L
RT: 12.043 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX039423.D
Acq: 21 Dec 2023 12:47

Tgt Ion:146 Resp: 27472
Ion Ratio Lower Upper
146 100
111 50.4 29.7 55.1
148 68.2 45.8 85.2





#67

1,2-Dichlorobenzene

Concen: 20.496 ug/L

RT: 12.335 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX039423.D

Acq: 21 Dec 2023 12:47

Instrument :

MSVOA_X

ClientSampleId :

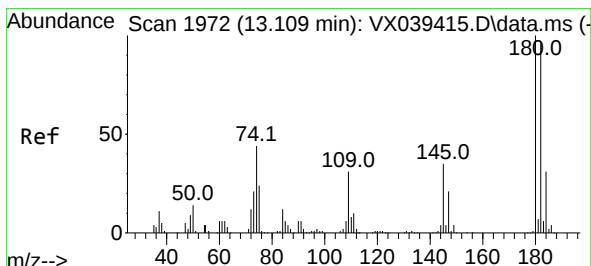
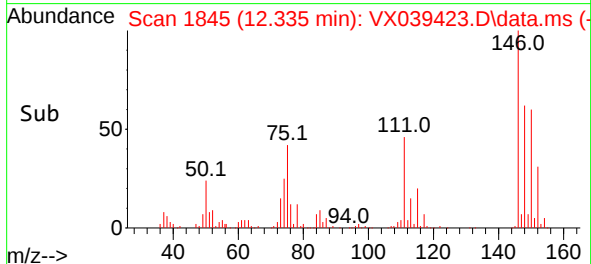
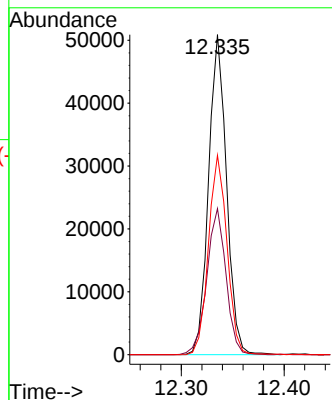
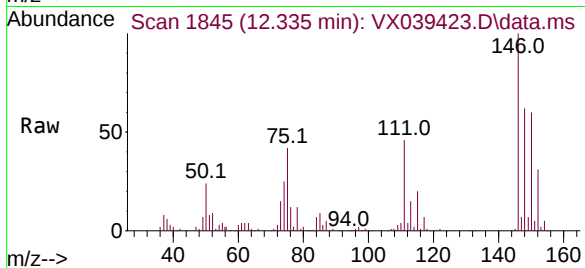
Tgt Ion:146 Resp: 61800

Ion Ratio Lower Upper

146 100

111 45.6 36.4 54.6

148 62.3 50.0 75.0



#69

1,3,5-Trichlorobenzene

Concen: 52.599 ug/L

RT: 13.585 min Scan# 2050

Delta R.T. 0.476 min

Lab File: VX039423.D

Acq: 21 Dec 2023 12:47

Tgt Ion:180 Resp: 109648

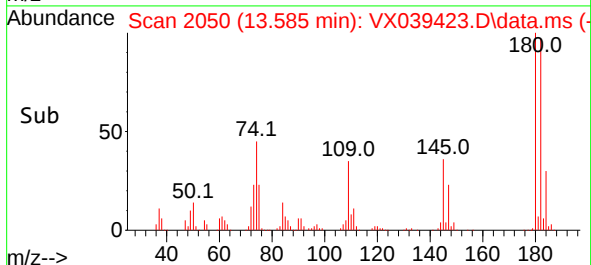
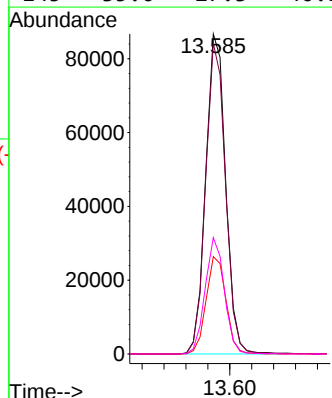
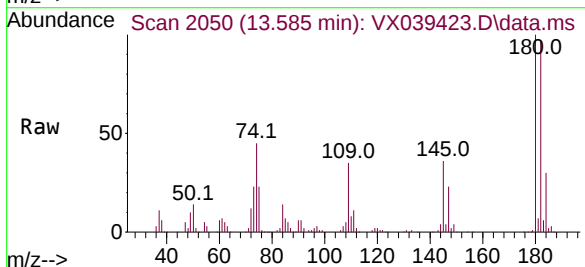
Ion Ratio Lower Upper

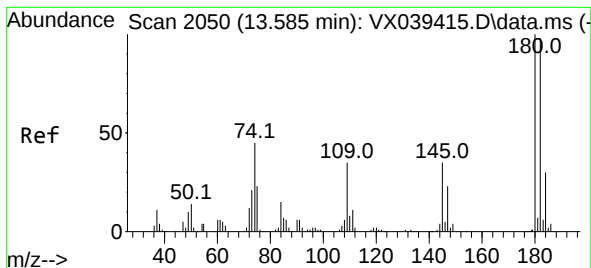
180 100

182 96.5 76.1 114.1

184 30.2 24.1 36.1

145 35.0 27.3 40.9





#70

1,2,4-trichlorobenzene

Concen: 55.795 ug/L

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX039423.D

Acq: 21 Dec 2023 12:47

Instrument :

MSVOA_X

ClientSampleId :

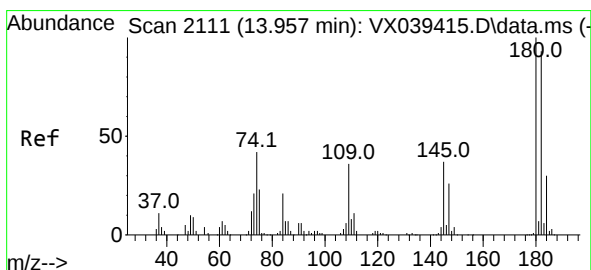
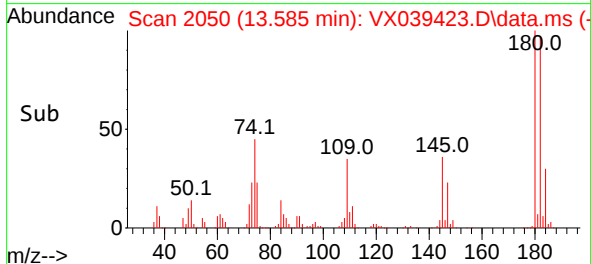
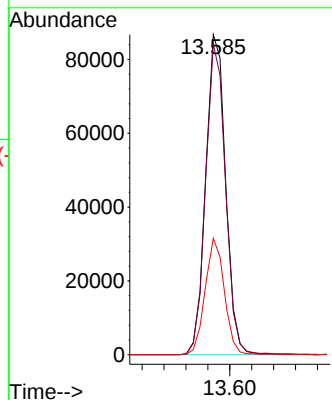
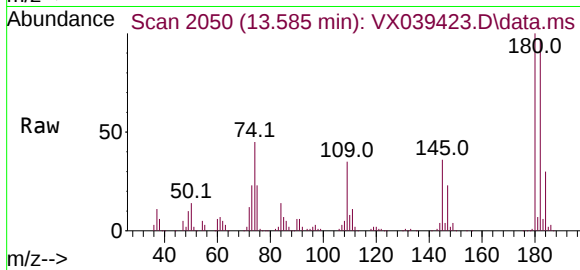
Tgt Ion:180 Resp: 109648

Ion Ratio Lower Upper

180 100

182 96.5 76.8 115.2

145 35.0 27.8 41.6



#72

1,2,3-Trichlorobenzene

Concen: 18.577 ug/L

RT: 13.963 min Scan# 2112

Delta R.T. 0.006 min

Lab File: VX039423.D

Acq: 21 Dec 2023 12:47

Tgt Ion:180 Resp: 35349

Ion Ratio Lower Upper

180 100

182 95.1 75.9 113.9

145 37.4 28.6 42.8

