

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122023\
 Data File : VX039405.D
 Acq On : 20 Dec 2023 16:36
 Operator : JC/MD
 Sample : 05835-18DL 500X
 Misc : 3.34g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 21 00:26:45 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML120523WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Dec 20 00:14:00 2023
 Response via : Initial Calibration

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

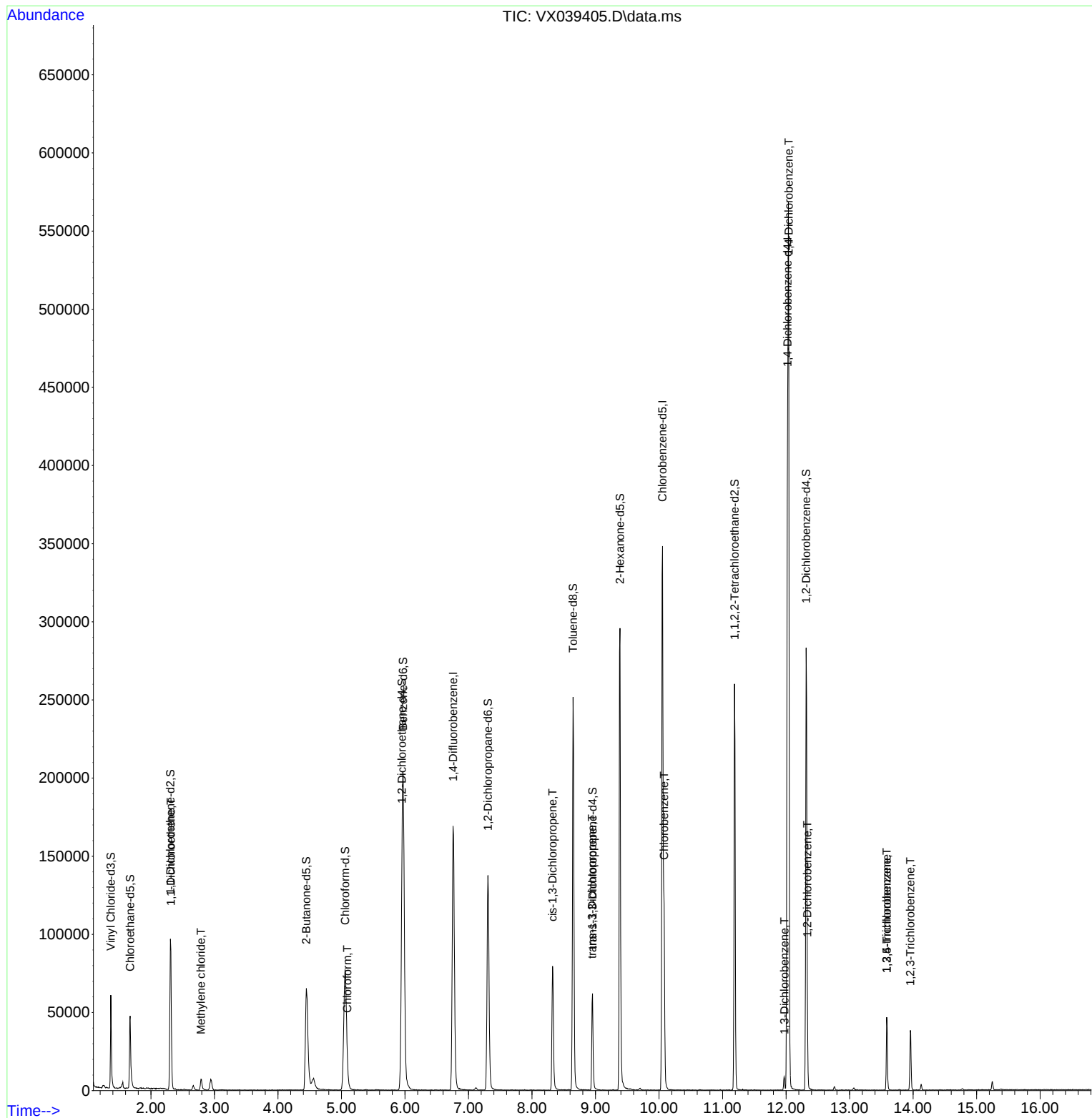
Internal Standards						
1) 1,4-Difluorobenzene	6.757	114	163194	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	146178	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	66111	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	37161	29.032	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	58.060%	#	
7) Chloroethane-d5	1.672	69	35037	37.033	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	74.060%		
11) 1,1-Dichloroethene-d2	2.306	65	18260	32.498	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	65.000%		
21) 2-Butanone-d5	4.446	46	116213	100.300	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	100.300%		
24) Chloroform-d	5.056	84	94971	41.913	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	83.820%		
26) 1,2-Dichloroethane-d4	5.952	65	78865	53.742	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	107.480%		
32) Benzene-d6	5.970	84	187138	41.482	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	82.960%		
36) 1,2-Dichloropropane-d6	7.306	67	68243	47.004	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	94.000%		
41) Toluene-d8	8.647	98	143075	34.996	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	70.000%	#	
43) trans-1,3-Dichloroprop...	8.952	79	27652	37.427	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	74.860%		
47) 2-Hexanone-d5	9.384	63	81631	94.138	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	94.140%		
56) 1,1,2,2-Tetrachloroeth...	11.189	84	99891	48.501	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	97.000%		
66) 1,2-Dichlorobenzene-d4	12.317	152	50523	40.431	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	80.860%		
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.313	96	499	0.475	ug/L	# 1
16) Methylene chloride	2.788	84	3252	2.692	ug/L	94
25) Chloroform	5.093	83	5309	2.430	ug/L	76
39) cis-1,3-Dichloropropene	8.324	75	2144	1.043	ug/L	85
44) trans-1,3-Dichloropropene	8.945	75	1416	0.743	ug/L	94
51) Chlorobenzene	10.079	112	46334	15.227	ug/L	95
64) 1,3-Dichlorobenzene	11.975	146	2501	1.210	ug/L	95
65) 1,4-Dichlorobenzene	12.042	146	151895	72.495	ug/L	98
67) 1,2-Dichlorobenzene	12.335	146	8338	4.216	ug/L	99
69) 1,3,5-Trichlorobenzene	13.585	180	9515	6.958	ug/L	99
70) 1,2,4-trichlorobenzene	13.585	180	9515	7.381	ug/L	99
72) 1,2,3-Trichlorobenzene	13.957	180	8151	6.530	ug/L	97

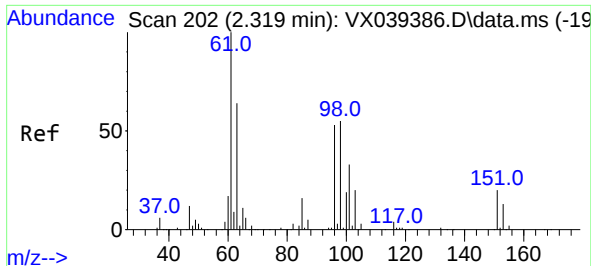
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Dec 21 00:26:45 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML120523WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Dec 20 00:14:00 2023
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.475 ug/L

RT: 2.313 min Scan# 20

Delta R.T. -0.006 min

Lab File: VX039405.D

Acq: 20 Dec 2023 16:36

Instrument :

MSVOA_X

ClientSampleId :

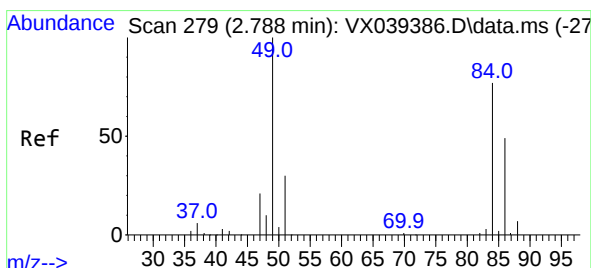
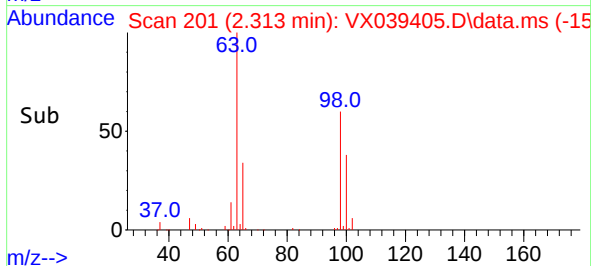
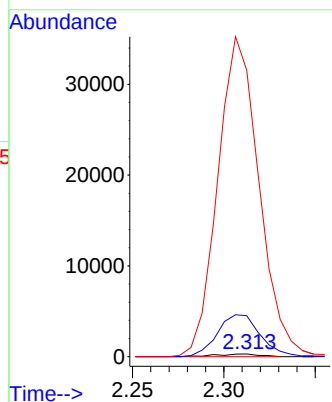
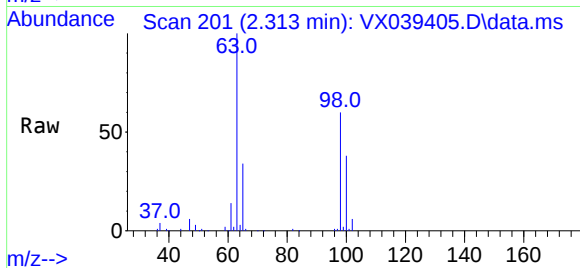
Tgt Ion: 96 Resp: 499

Ion Ratio Lower Upper

96 100

61 1493.7 128.0 237.6#

63 10445.0 101.5 188.5#



#16

Methylene chloride

Concen: 2.692 ug/L

RT: 2.788 min Scan# 279

Delta R.T. 0.000 min

Lab File: VX039405.D

Acq: 20 Dec 2023 16:36

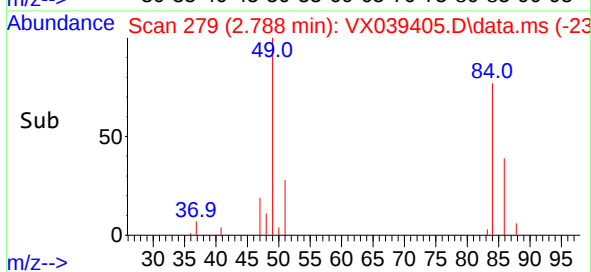
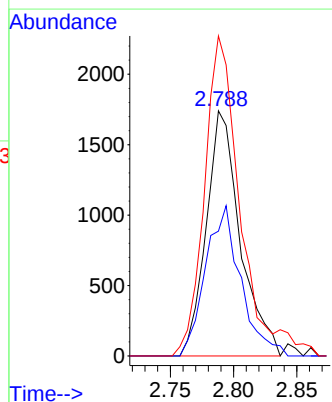
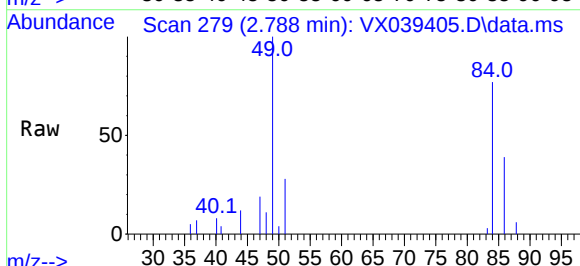
Tgt Ion: 84 Resp: 3252

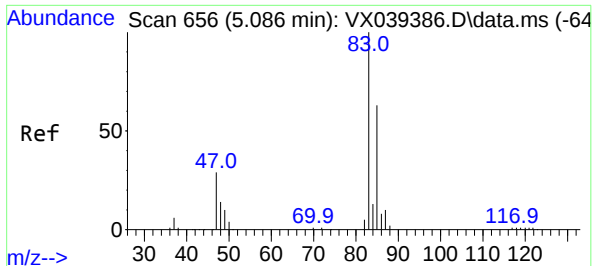
Ion Ratio Lower Upper

84 100

86 50.9 44.7 82.9

49 130.6 90.9 168.7





#25

Chloroform

Concen: 2.430 ug/L

RT: 5.093 min Scan# 61

Delta R.T. 0.000 min

Lab File: VX039405.D

Acq: 20 Dec 2023 16:36

Instrument :

MSVOA_X

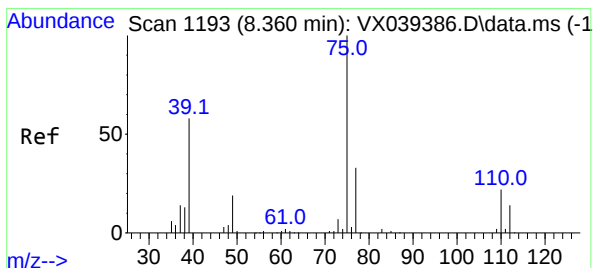
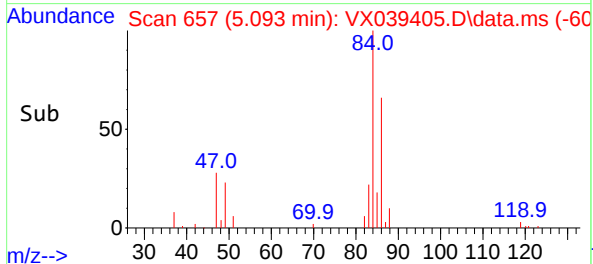
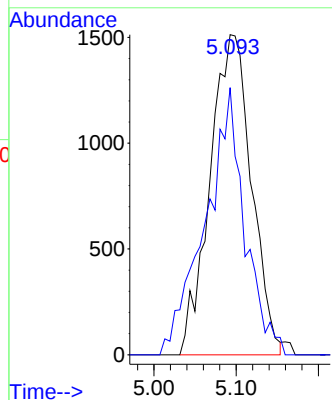
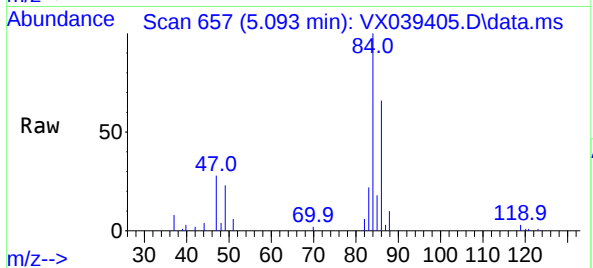
ClientSampleId :

Tgt Ion: 83 Resp: 5309

Ion Ratio Lower Upper

83 100

85 83.5 45.1 83.7



#39

cis-1,3-Dichloropropene

Concen: 1.043 ug/L

RT: 8.324 min Scan# 1187

Delta R.T. -0.043 min

Lab File: VX039405.D

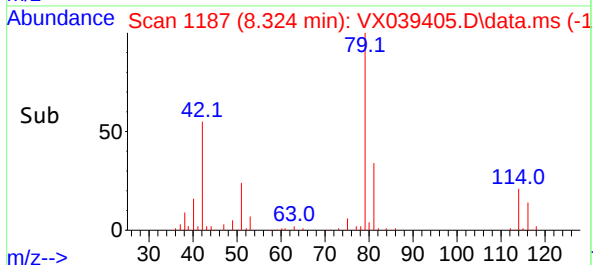
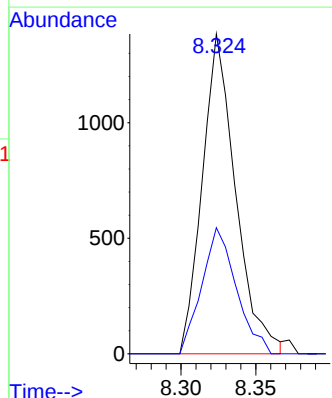
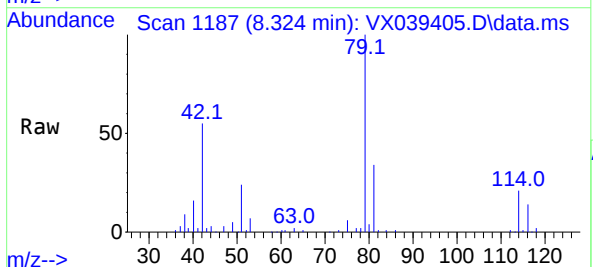
Acq: 20 Dec 2023 16:36

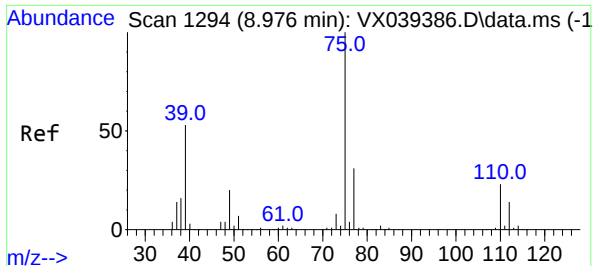
Tgt Ion: 75 Resp: 2144

Ion Ratio Lower Upper

75 100

77 39.5 22.0 40.8

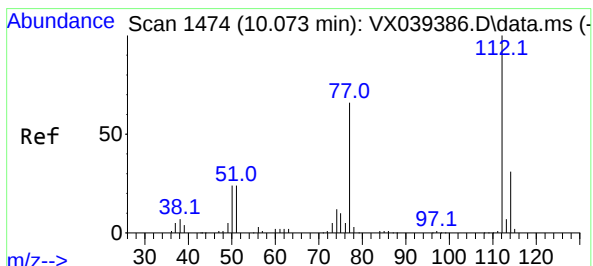
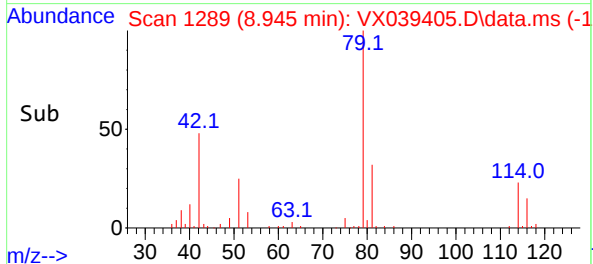
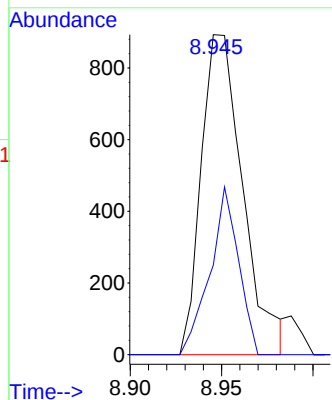
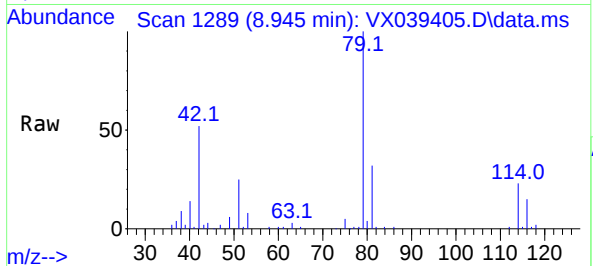




#44
trans-1,3-Dichloropropene
Concen: 0.743 ug/L
RT: 8.945 min Scan# 11
Delta R.T. -0.030 min
Lab File: VX039405.D
Acq: 20 Dec 2023 16:36

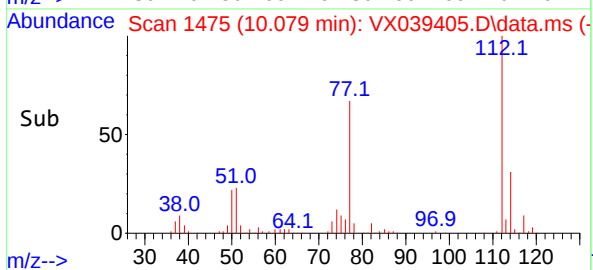
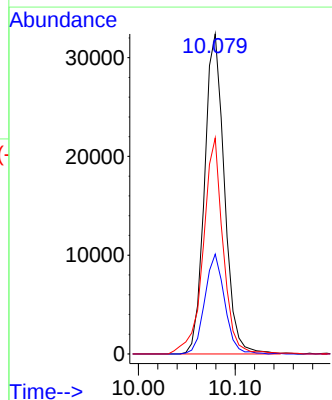
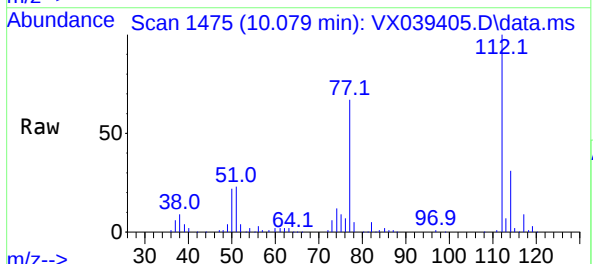
Instrument :
MSVOA_X
ClientSampleId :

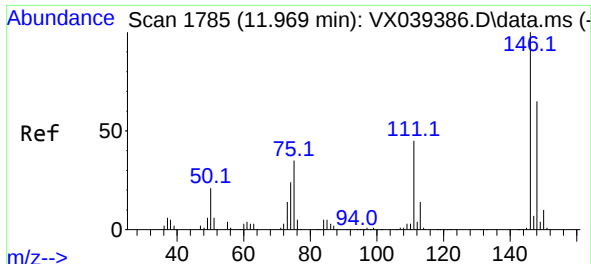
Tgt Ion: 75 Resp: 1416
Ion Ratio Lower Upper
75 100
77 28.0 22.0 40.8



#51
Chlorobenzene
Concen: 15.227 ug/L
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX039405.D
Acq: 20 Dec 2023 16:36

Tgt Ion: 112 Resp: 46334
Ion Ratio Lower Upper
112 100
114 31.2 21.8 40.4
77 67.5 49.0 73.6

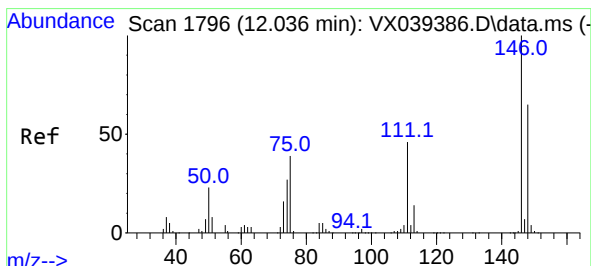
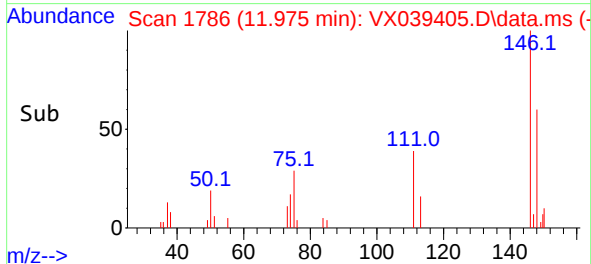
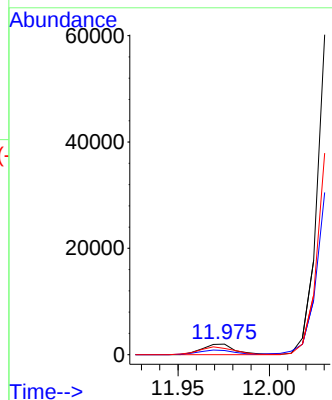
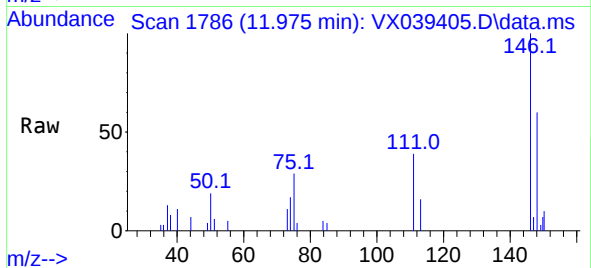




#64
1,3-Dichlorobenzene
Concen: 1.210 ug/L
RT: 11.975 min Scan# 1785
Delta R.T. 0.006 min
Lab File: VX039405.D
Acq: 20 Dec 2023 16:36

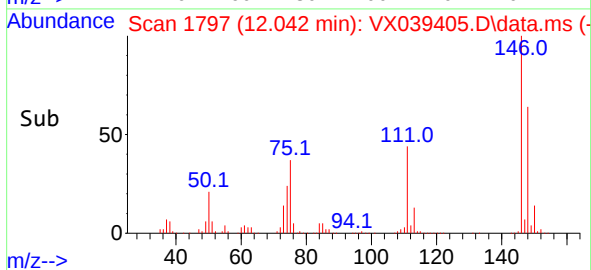
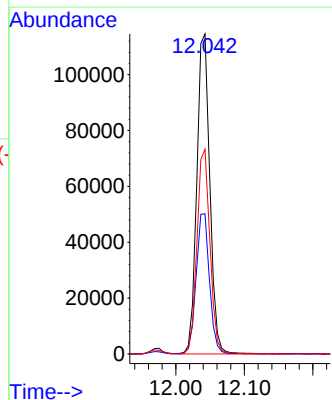
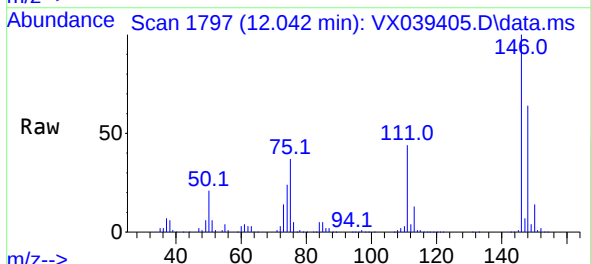
Instrument :
MSVOA_X
ClientSampleId :

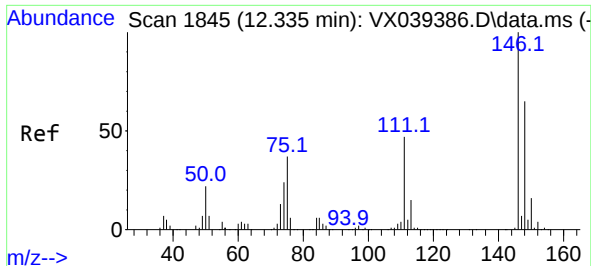
Tgt Ion:146 Resp: 2501
Ion Ratio Lower Upper
146 100
111 38.8 30.0 55.6
148 59.7 44.2 82.0



#65
1,4-Dichlorobenzene
Concen: 72.495 ug/L
RT: 12.042 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX039405.D
Acq: 20 Dec 2023 16:36

Tgt Ion:146 Resp: 151895
Ion Ratio Lower Upper
146 100
111 43.8 29.7 55.1
148 63.9 45.8 85.2





#67

1,2-Dichlorobenzene

Concen: 4.216 ug/L

RT: 12.335 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX039405.D

Acq: 20 Dec 2023 16:36

Instrument :

MSVOA_X

ClientSampleId :

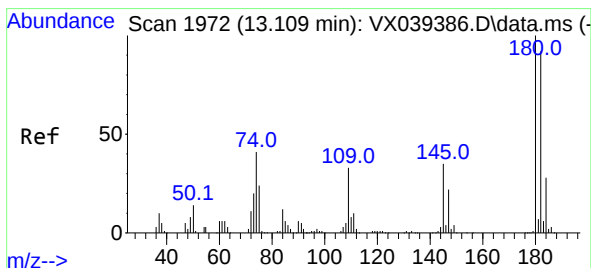
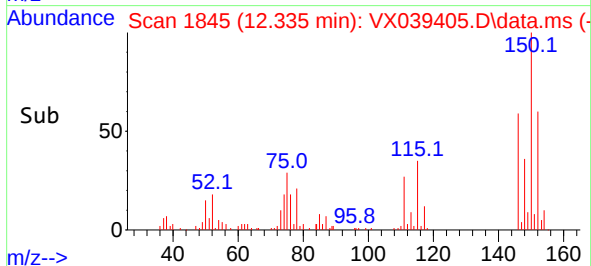
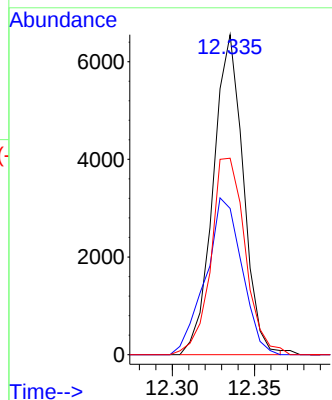
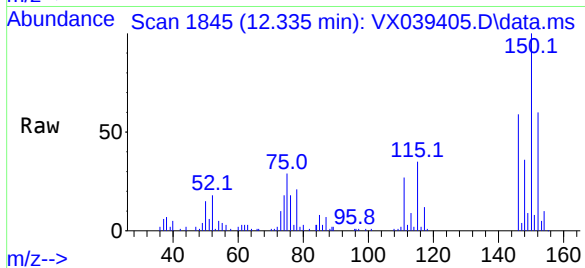
Tgt Ion:146 Resp: 8338

Ion Ratio Lower Upper

146 100

111 45.7 36.4 54.6

148 61.4 50.0 75.0



#69

1,3,5-Trichlorobenzene

Concen: 6.958 ug/L

RT: 13.585 min Scan# 2050

Delta R.T. 0.476 min

Lab File: VX039405.D

Acq: 20 Dec 2023 16:36

Tgt Ion:180 Resp: 9515

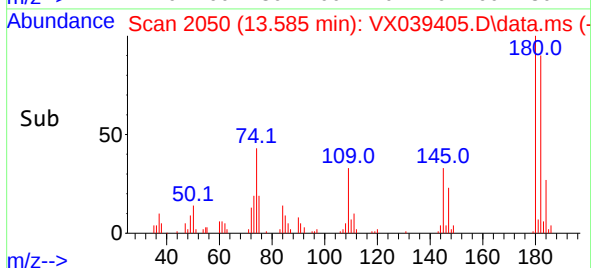
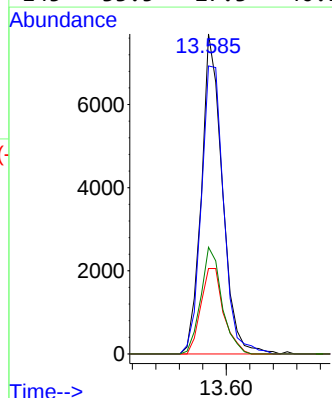
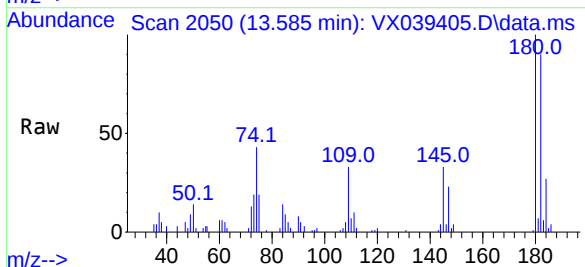
Ion Ratio Lower Upper

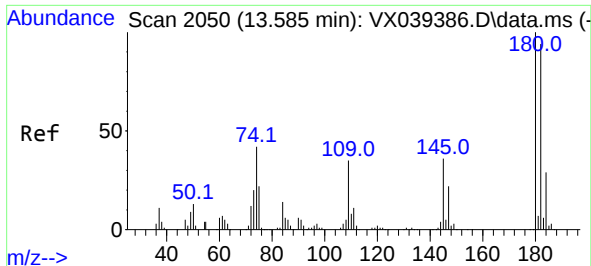
180 100

182 96.0 76.1 114.1

184 29.2 24.1 36.1

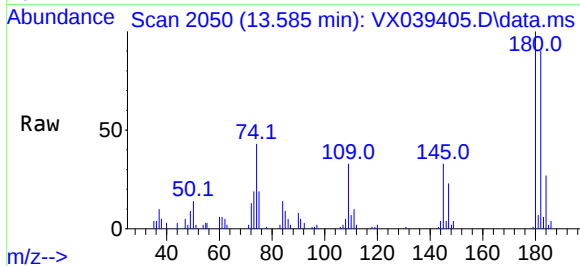
145 33.5 27.3 40.9



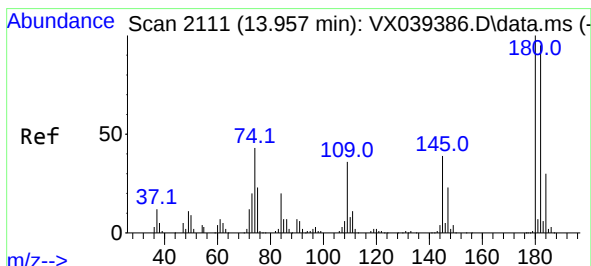
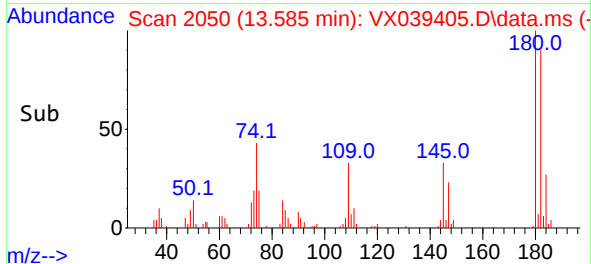
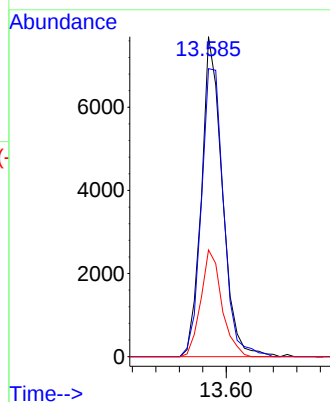


#70
1,2,4-trichlorobenzene
Concen: 7.381 ug/L
RT: 13.585 min Scan# 2050
Delta R.T. 0.000 min
Lab File: VX039405.D
Acq: 20 Dec 2023 16:36

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion:180 Resp: 9515
Ion Ratio Lower Upper
180 100
182 96.0 76.8 115.2
145 33.5 27.8 41.6



#72
1,2,3-Trichlorobenzene
Concen: 6.530 ug/L
RT: 13.957 min Scan# 2111
Delta R.T. 0.000 min
Lab File: VX039405.D
Acq: 20 Dec 2023 16:36

Tgt Ion:180 Resp: 8151
Ion Ratio Lower Upper
180 100
182 91.3 75.9 113.9
145 35.8 28.6 42.8

