

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121623\
 Data File : VX039255.D
 Acq On : 16 Dec 2023 01:37
 Operator : JC/MD
 Sample : VX1216WBL02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 16 04:20:48 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML120523WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Dec 12 03:50:51 2023
 Response via : Initial Calibration

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

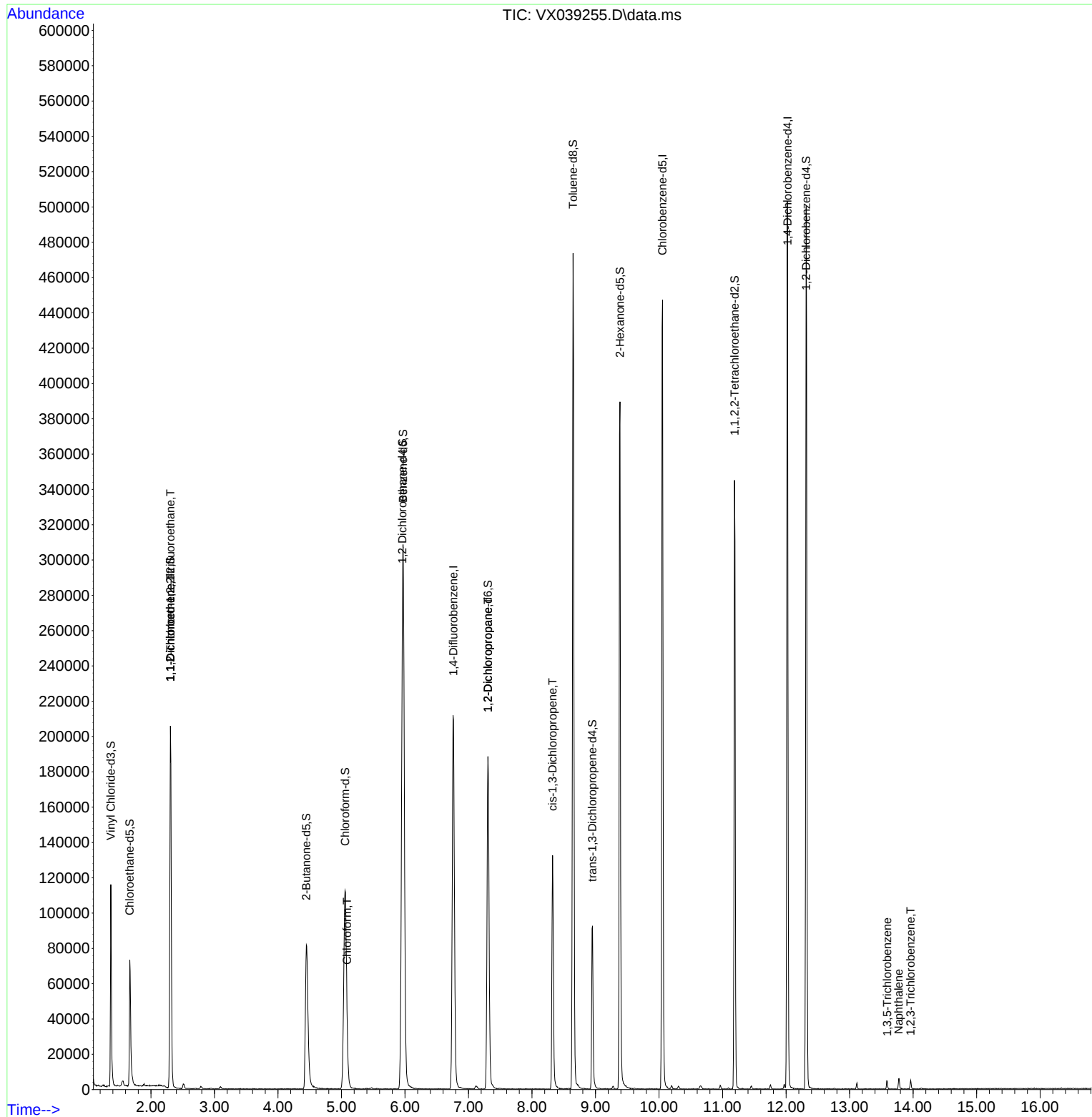
Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	207070	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	193926	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	92510	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	74756	46.028	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	92.060%		
7) Chloroethane-d5	1.666	69	54792	45.642	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	91.280%		
11) 1,1-Dichloroethene-d2	2.306	65	38005	53.308	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	106.620%		
21) 2-Butanone-d5	4.446	46	148318	100.885	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	100.880%		
24) Chloroform-d	5.056	84	141549	49.232	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	98.460%		
26) 1,2-Dichloroethane-d4	5.958	65	103216	55.433	ug/L	0.01
Spiked Amount 50.000	Range 70 - 125		Recovery =	110.860%		
32) Benzene-d6	5.970	84	299407	50.027	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	100.060%		
36) 1,2-Dichloropropane-d6	7.305	67	96098	49.893	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	99.780%		
41) Toluene-d8	8.647	98	269808	49.746	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	99.500%		
43) trans-1,3-Dichloroprop...	8.952	79	44917	45.827	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	91.660%		
47) 2-Hexanone-d5	9.384	63	109303	95.014	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	95.010%		
56) 1,1,2,2-Tetrachloroeth...	11.189	84	133377	48.815	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	97.620%		
66) 1,2-Dichlorobenzene-d4	12.317	152	89915	51.421	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	102.840%		
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.306	101	1384	0.976	ug/L #	28
12) 1,1-Dichloroethene	2.306	96	1205	0.903	ug/L #	1
25) Chloroform	5.086	83	6451	2.327	ug/L	99
37) 1,2-Dichloropropane	7.305	63	11524	6.742	ug/L #	89
39) cis-1,3-Dichloropropene	8.324	75	3413	1.252	ug/L	93
69) 1,3,5-Trichlorobenzene	13.591	180	1153	0.603	ug/L	95
71) Naphthalene	13.774	128	4250	0.687	ug/L	95
72) 1,2,3-Trichlorobenzene	13.963	180	1180	0.676	ug/L	96

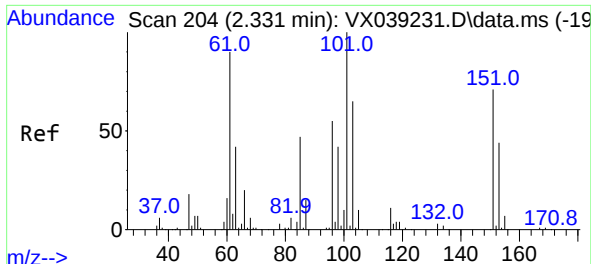
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM120523WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Dec 12 03:50:51 2023
Response via : Initial Calibration

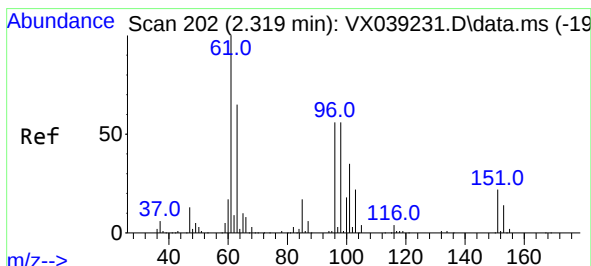
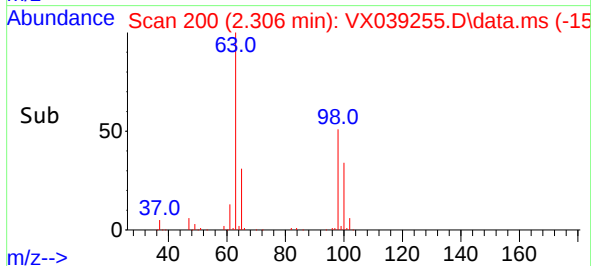
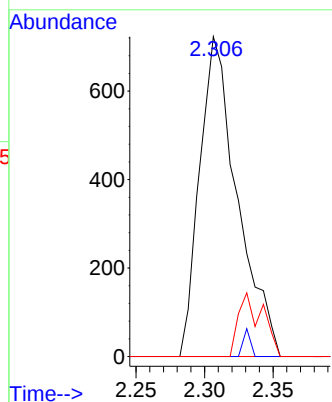
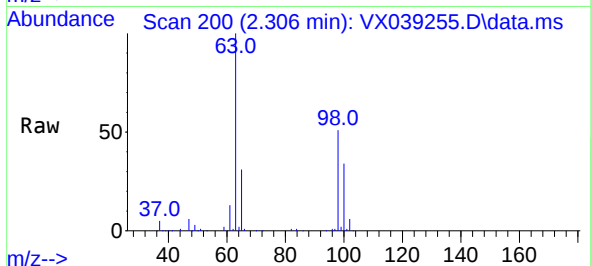




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.976 ug/L
RT: 2.306 min Scan# 200
Delta R.T. -0.025 min
Lab File: VX039255.D
Acq: 16 Dec 2023 01:37

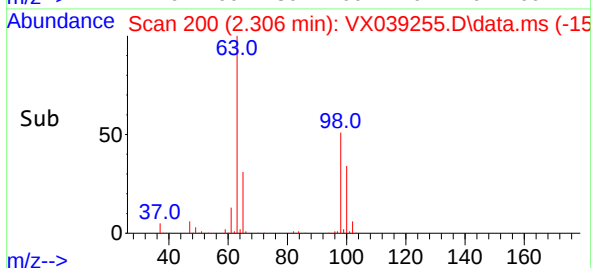
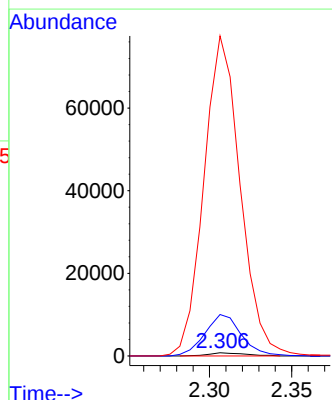
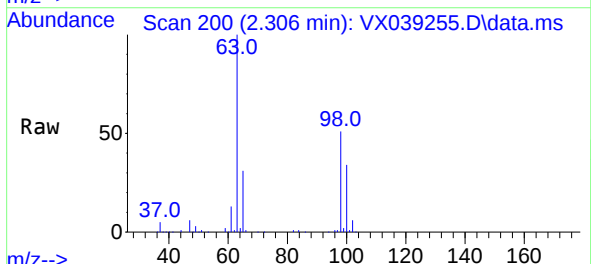
Instrument :
MSVOA_X
ClientSampleId :

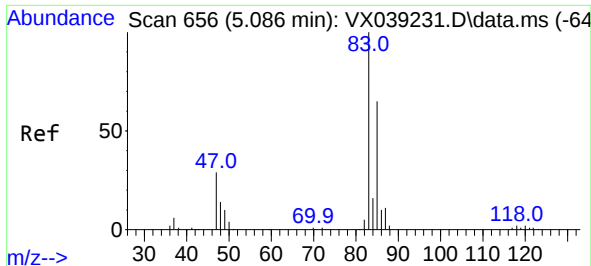
Tgt Ion:101 Resp: 1384
Ion Ratio Lower Upper
101 100
85 0.0 35.8 53.6#
151 8.2 55.4 83.2#



#12
1,1-Dichloroethene
Concen: 0.903 ug/L
RT: 2.306 min Scan# 200
Delta R.T. -0.012 min
Lab File: VX039255.D
Acq: 16 Dec 2023 01:37

Tgt Ion: 96 Resp: 1205
Ion Ratio Lower Upper
96 100
61 1284.4 128.0 237.6#
63 9916.5 101.5 188.5#





#25

Chloroform

Concen: 2.327 ug/L

RT: 5.086 min Scan# 61

Delta R.T. 0.006 min

Lab File: VX039255.D

Acq: 16 Dec 2023 01:37

Instrument :

MSVOA_X

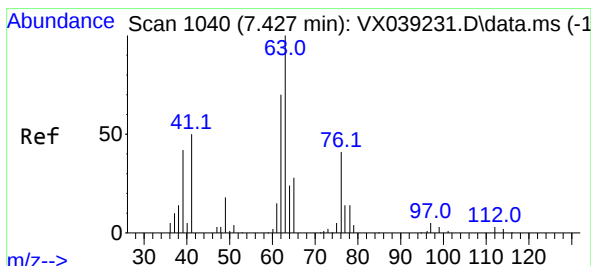
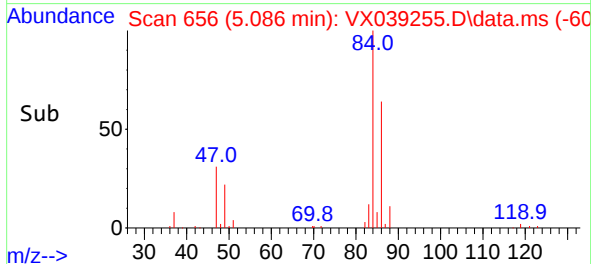
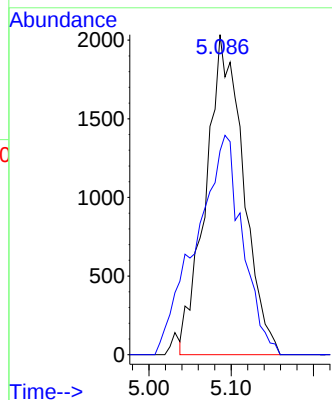
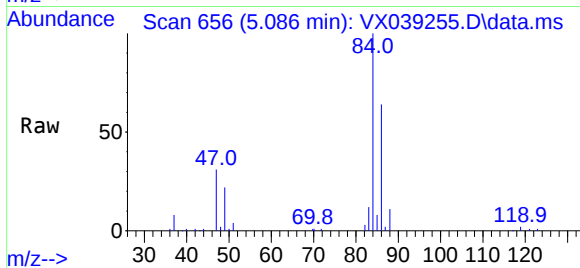
ClientSampleId :

Tgt Ion: 83 Resp: 6451

Ion Ratio Lower Upper

83 100

85 63.7 45.1 83.7



#37

1,2-Dichloropropane

Concen: 6.742 ug/L

RT: 7.305 min Scan# 1020

Delta R.T. -0.122 min

Lab File: VX039255.D

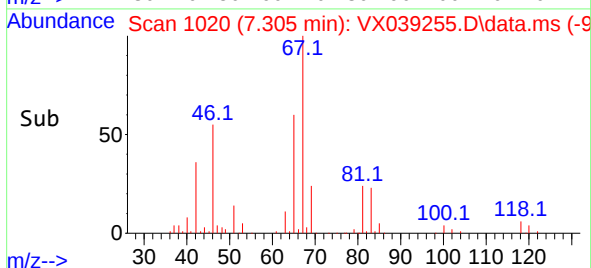
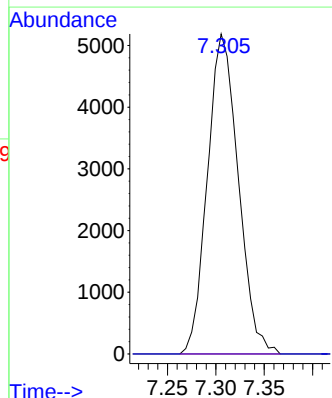
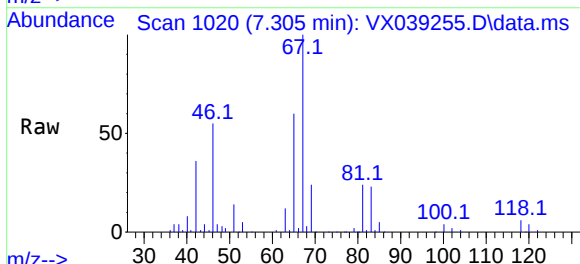
Acq: 16 Dec 2023 01:37

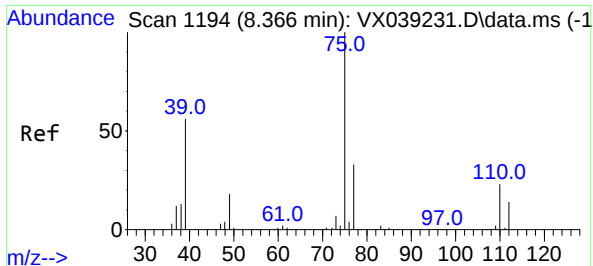
Tgt Ion: 63 Resp: 11524

Ion Ratio Lower Upper

63 100

112 0.0 2.8 4.2#





#39

cis-1,3-Dichloropropene

Concen: 1.252 ug/L

RT: 8.324 min Scan# 11

Delta R.T. -0.037 min

Lab File: VX039255.D

Acq: 16 Dec 2023 01:37

Instrument :

MSVOA_X

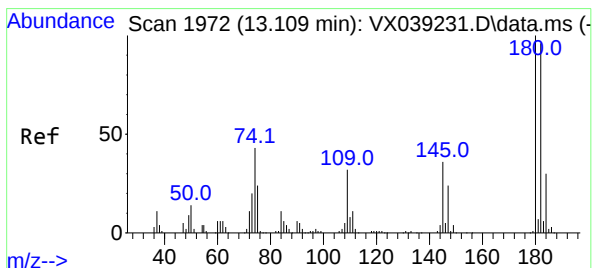
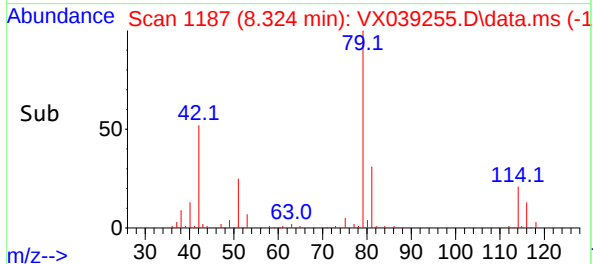
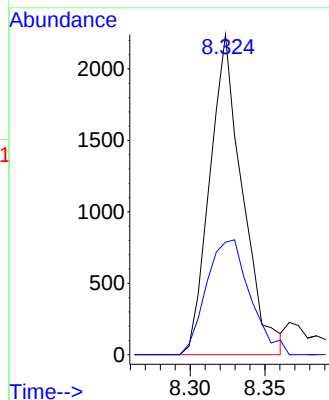
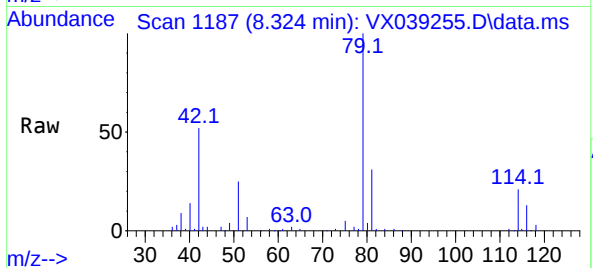
ClientSampleId :

Tgt Ion: 75 Resp: 3413

Ion Ratio Lower Upper

75 100

77 35.2 22.0 40.8



#69

1,3,5-Trichlorobenzene

Concen: 0.603 ug/L

RT: 13.591 min Scan# 2051

Delta R.T. 0.481 min

Lab File: VX039255.D

Acq: 16 Dec 2023 01:37

Tgt Ion:180 Resp: 1153

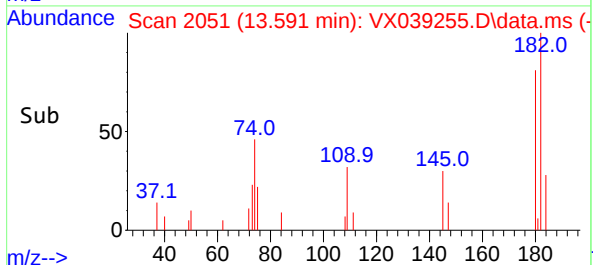
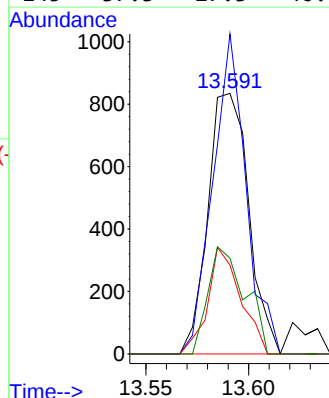
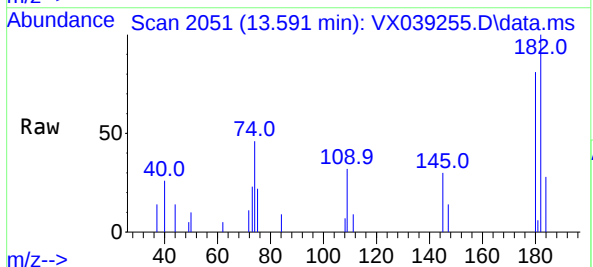
Ion Ratio Lower Upper

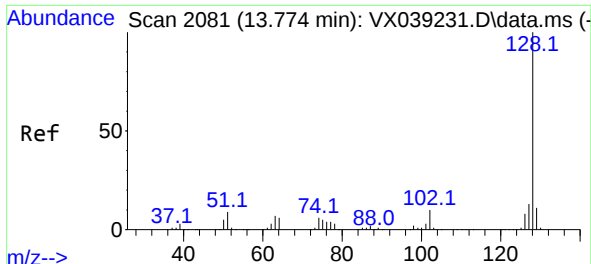
180 100

182 99.7 76.1 114.1

184 33.0 24.1 36.1

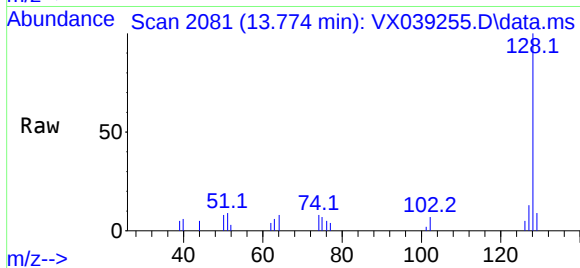
145 37.3 27.3 40.9



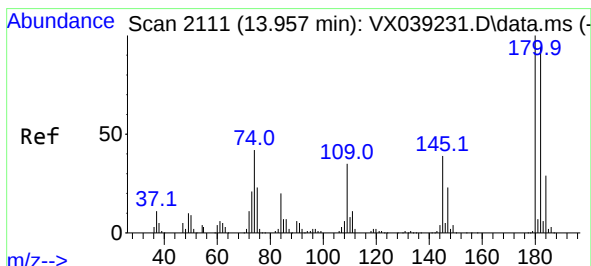
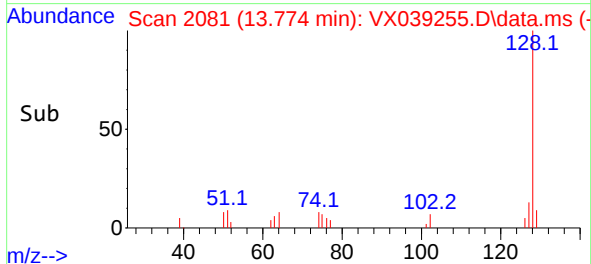
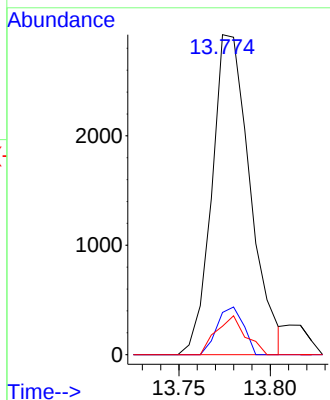


#71
Naphthalene
Concen: 0.687 ug/L
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX039255.D
Acq: 16 Dec 2023 01:37

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion:128 Resp: 4250
Ion Ratio Lower Upper
128 100
127 10.3 10.2 15.4
129 9.2 8.7 13.1



#72
1,2,3-Trichlorobenzene
Concen: 0.676 ug/L
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX039255.D
Acq: 16 Dec 2023 01:37

Tgt Ion:180 Resp: 1180
Ion Ratio Lower Upper
180 100
182 94.2 75.9 113.9
145 29.2 28.6 42.8

