

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121623\
 Data File : VX039278.D
 Acq On : 16 Dec 2023 10:24
 Operator : JC/MD
 Sample : VX1216WBL03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 16 21:11:05 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)

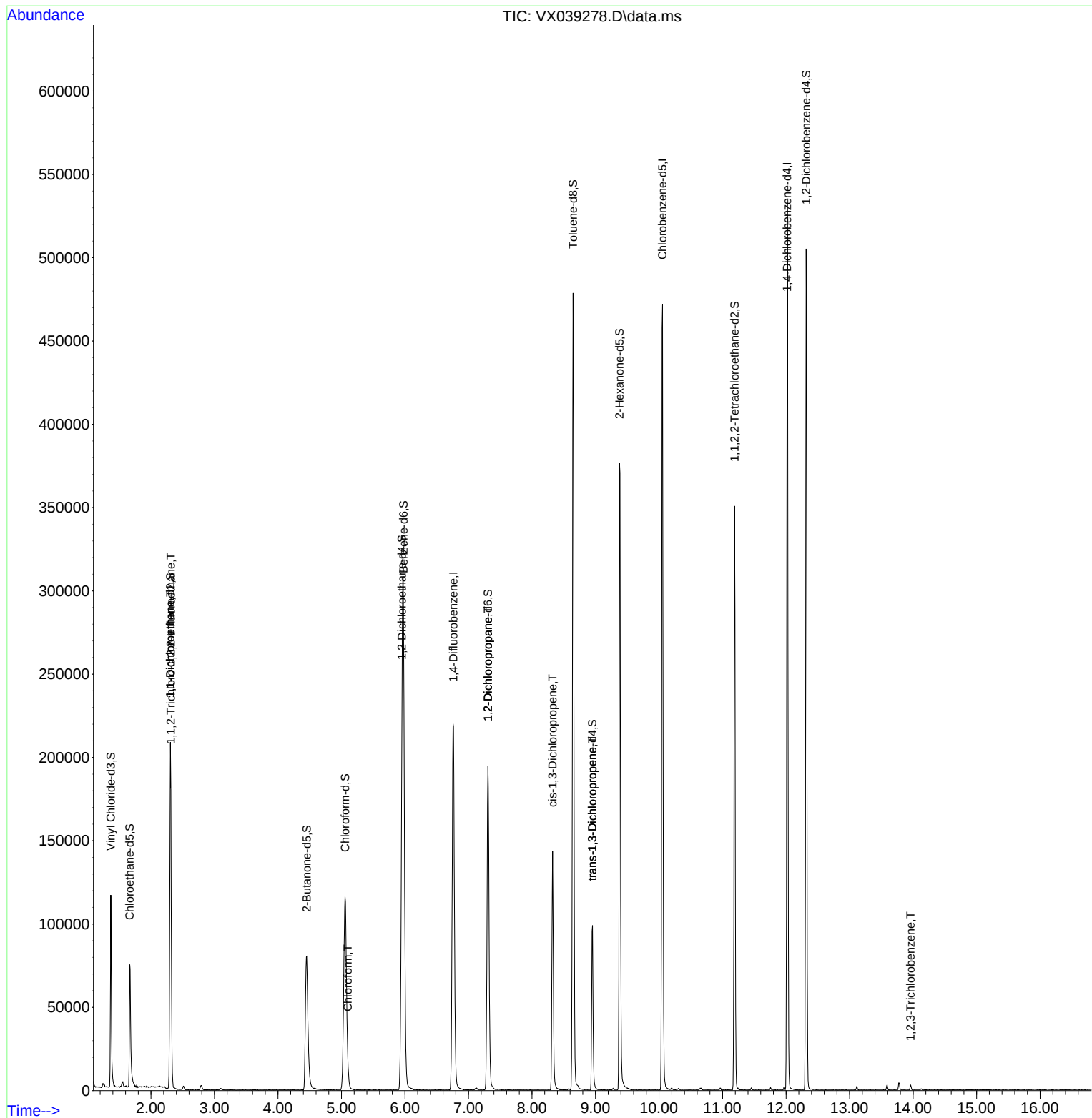
Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	218347	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	203909	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.018	152	101176	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	75116	43.861	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	87.720%
7) Chloroethane-d5	1.666	69	56509	44.641	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.280%
11) 1,1-Dichloroethene-d2	2.307	65	37710	50.162	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	100.320%
21) 2-Butanone-d5	4.452	46	142997	92.242	ug/L	0.01
Spiked Amount	100.000	Range	40 - 130	Recovery	=	92.240%
24) Chloroform-d	5.056	84	144108	47.534	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.060%
26) 1,2-Dichloroethane-d4	5.952	65	102463	52.186	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.380%
32) Benzene-d6	5.977	84	305689	48.576	ug/L	0.01
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.160%
36) 1,2-Dichloropropane-d6	7.306	67	97878	48.329	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.660%
41) Toluene-d8	8.647	98	274660	48.161	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.320%
43) trans-1,3-Dichloroprop...	8.952	79	46426	45.047	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.100%
47) 2-Hexanone-d5	9.378	63	108132	89.395	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	89.390%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	134042	46.656	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.320%
66) 1,2-Dichlorobenzene-d4	12.317	152	92213	48.218	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.440%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.313	101	1141	0.763	ug/L #	24
12) 1,1-Dichloroethene	2.307	96	1098	0.781	ug/L #	1
25) Chloroform	5.099	83	7396	2.530	ug/L	97
37) 1,2-Dichloropropane	7.306	63	11219	6.243	ug/L #	89
39) cis-1,3-Dichloropropene	8.324	75	3878	1.353	ug/L	100
44) trans-1,3-Dichloropropene	8.952	75	2587	0.973	ug/L	94
72) 1,2,3-Trichlorobenzene	13.963	180	805	0.421	ug/L	96

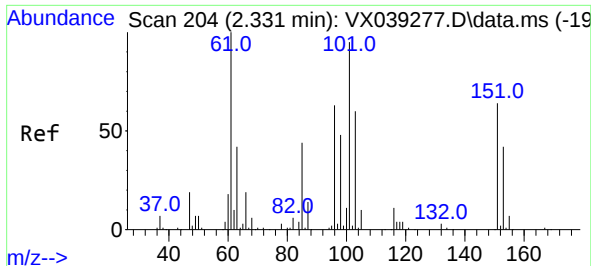
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
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Response via : Initial Calibration

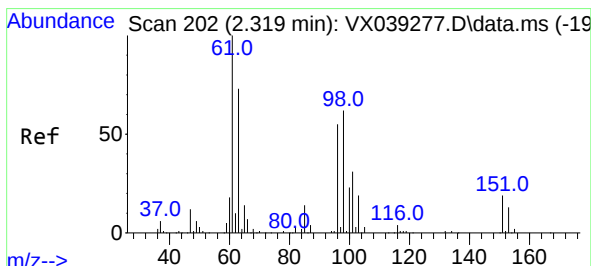
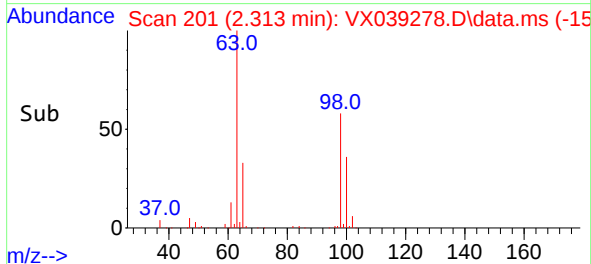
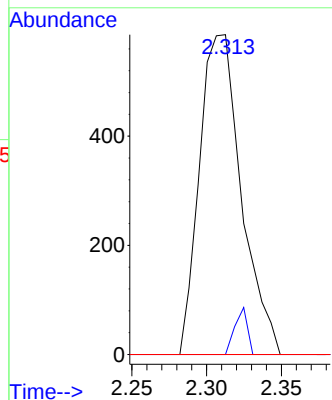
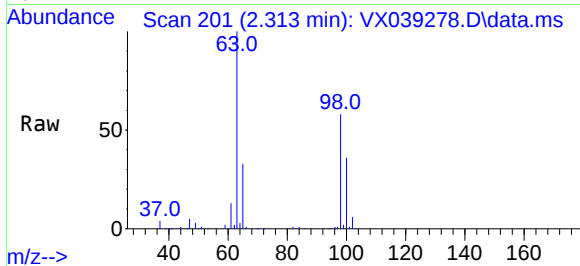




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.763 ug/L
RT: 2.313 min Scan# 20
Delta R.T. -0.018 min
Lab File: VX039278.D
Acq: 16 Dec 2023 10:24

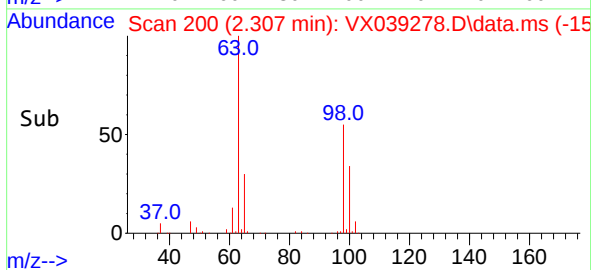
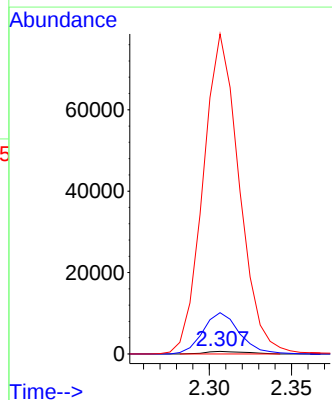
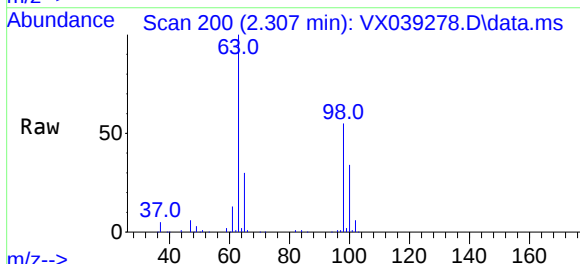
Instrument :
MSVOA_X
ClientSampleId :

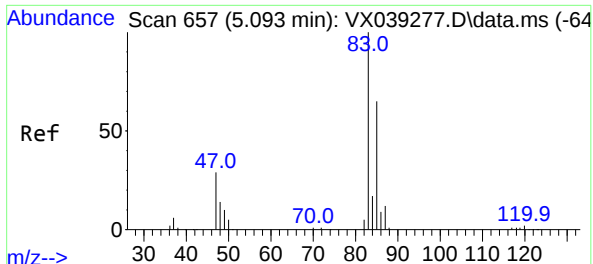
Tgt Ion:101 Resp: 1141
Ion Ratio Lower Upper
101 100
85 4.4 35.8 53.6#
151 0.0 55.4 83.2#



#12
1,1-Dichloroethene
Concen: 0.781 ug/L
RT: 2.307 min Scan# 200
Delta R.T. -0.012 min
Lab File: VX039278.D
Acq: 16 Dec 2023 10:24

Tgt Ion: 96 Resp: 1098
Ion Ratio Lower Upper
96 100
61 1554.6 128.0 237.6#
63 12060.1 101.5 188.5#





#25

Chloroform

Concen: 2.530 ug/L

RT: 5.099 min Scan# 61

Delta R.T. 0.018 min

Lab File: VX039278.D

Acq: 16 Dec 2023 10:24

Instrument :

MSVOA_X

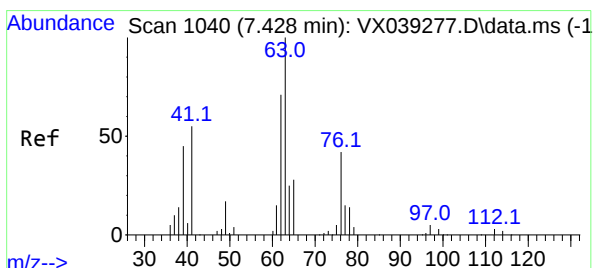
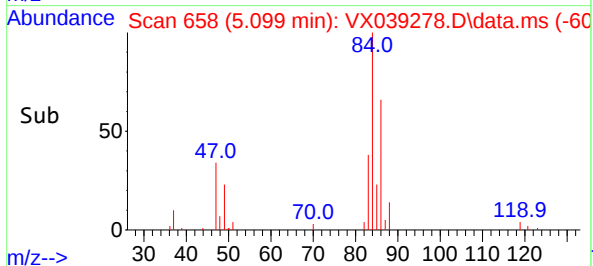
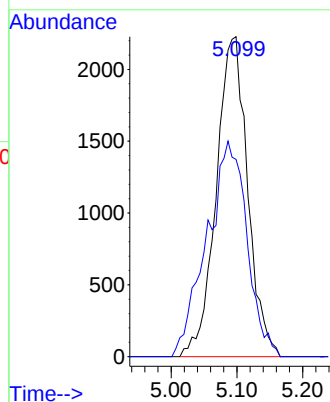
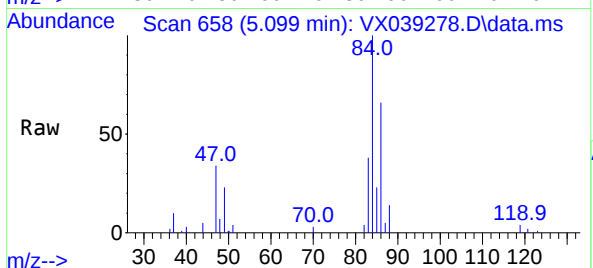
ClientSampleId :

Tgt Ion: 83 Resp: 7396

Ion Ratio Lower Upper

83 100

85 61.7 45.1 83.7



#37

1,2-Dichloropropane

Concen: 6.243 ug/L

RT: 7.306 min Scan# 1020

Delta R.T. -0.122 min

Lab File: VX039278.D

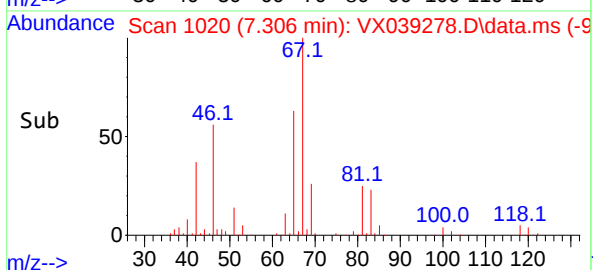
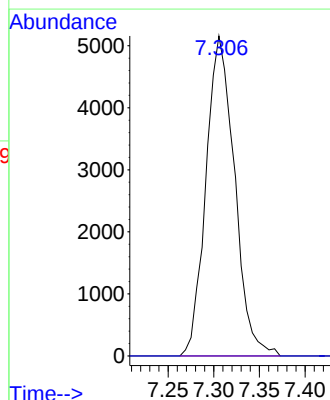
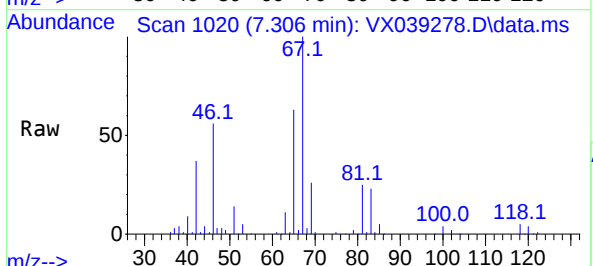
Acq: 16 Dec 2023 10:24

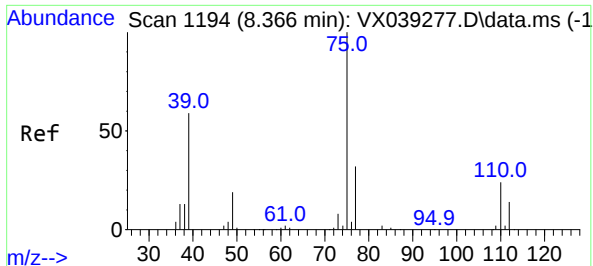
Tgt Ion: 63 Resp: 11219

Ion Ratio Lower Upper

63 100

112 0.0 2.8 4.2#





#39

cis-1,3-Dichloropropene

Concen: 1.353 ug/L

RT: 8.324 min Scan# 1187

Delta R.T. -0.037 min

Lab File: VX039278.D

Acq: 16 Dec 2023 10:24

Instrument :

MSVOA_X

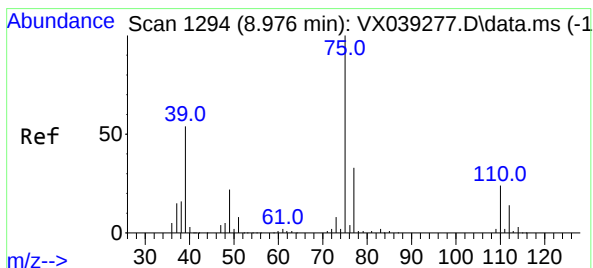
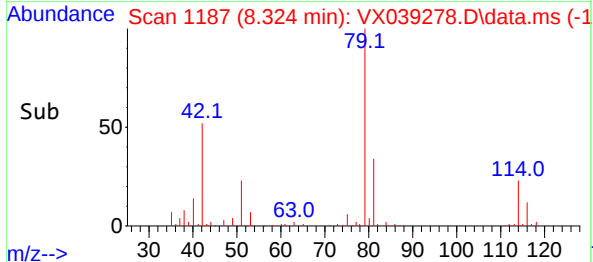
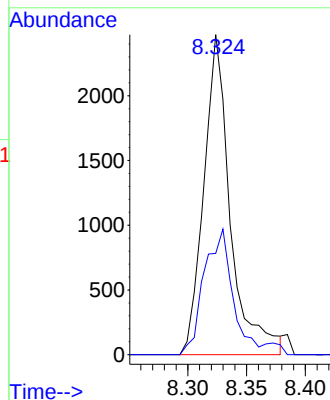
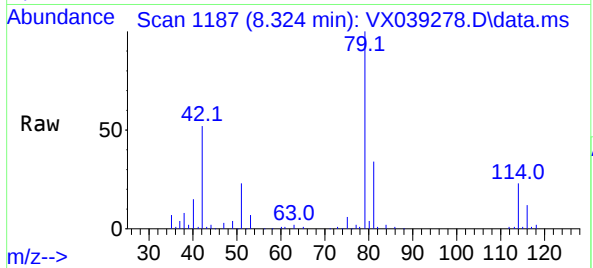
ClientSampleId :

Tgt Ion: 75 Resp: 3878

Ion Ratio Lower Upper

75 100

77 31.7 22.0 40.8



#44

trans-1,3-Dichloropropene

Concen: 0.973 ug/L

RT: 8.952 min Scan# 1290

Delta R.T. -0.018 min

Lab File: VX039278.D

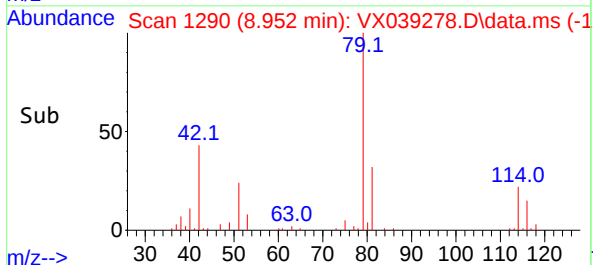
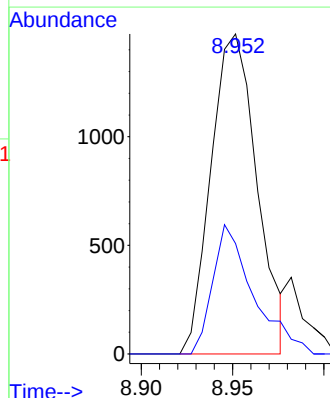
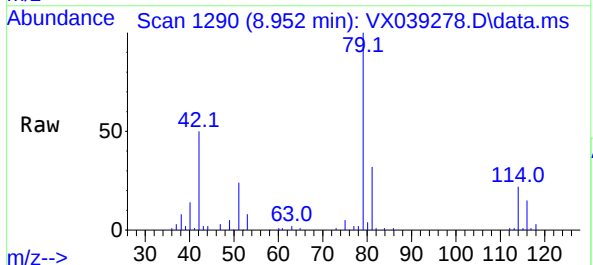
Acq: 16 Dec 2023 10:24

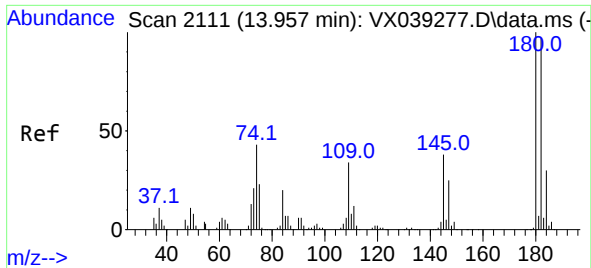
Tgt Ion: 75 Resp: 2587

Ion Ratio Lower Upper

75 100

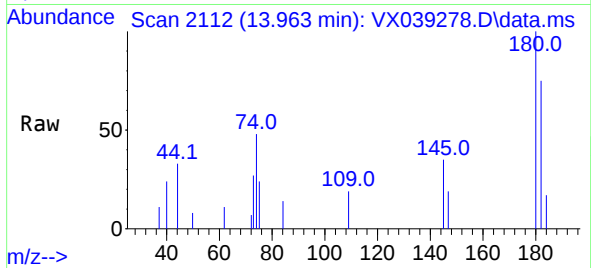
77 34.5 22.0 40.8





#72
1,2,3-Trichlorobenzene
Concen: 0.421 ug/L
RT: 13.963 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX039278.D
Acq: 16 Dec 2023 10:24

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
180	100		
182	98.1	75.9	113.9
145	38.3	28.6	42.8

