

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122023\
 Data File : VX039406.D
 Acq On : 20 Dec 2023 16:59
 Operator : JC/MD
 Sample : 05794-21
 Misc : 5.89g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 21 00:26:53 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)

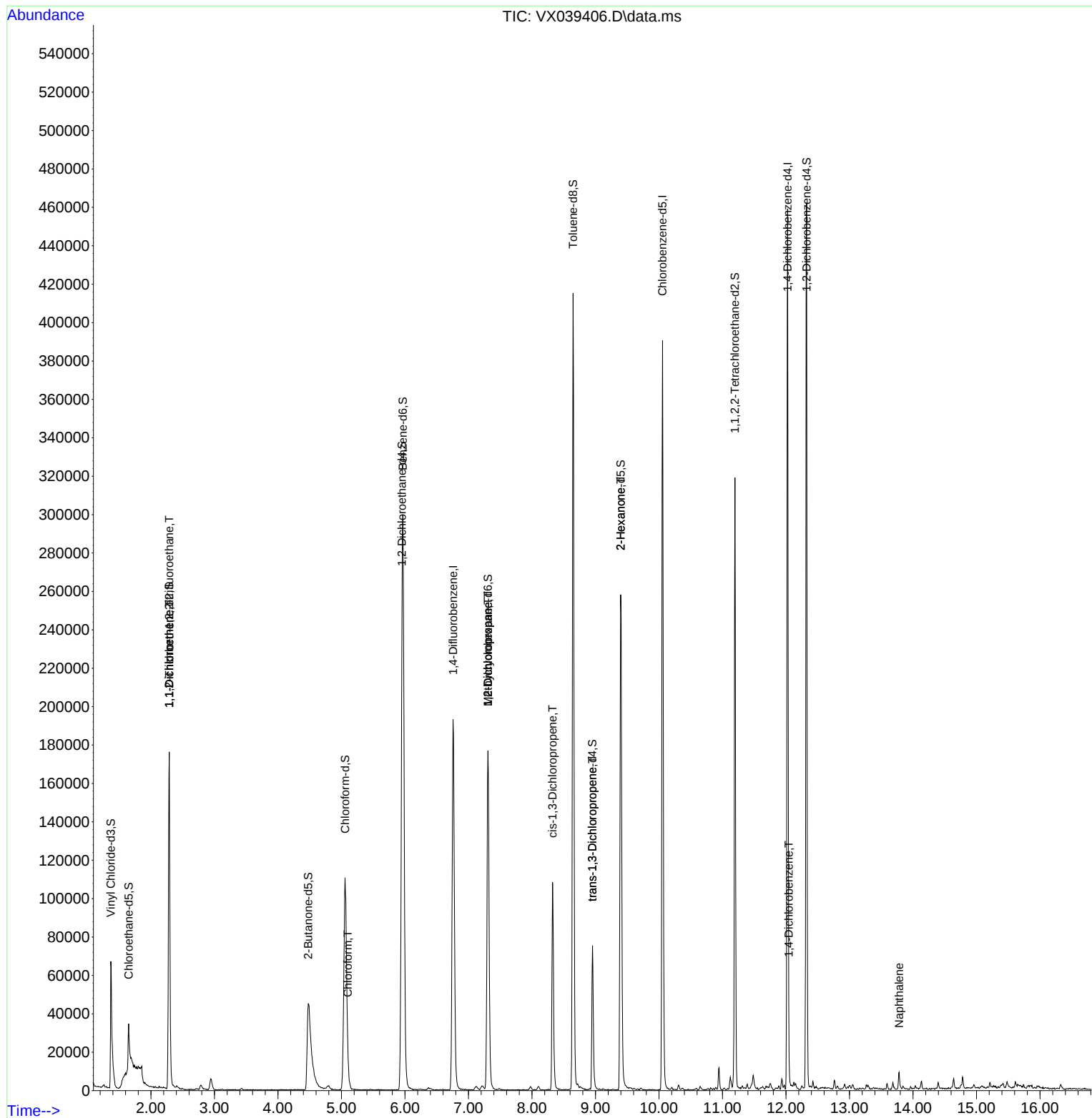
Internal Standards						
1) 1,4-Difluorobenzene	6.757	114	191628	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	173286	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	85366	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	67324	44.792	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	89.580%
7) Chloroethane-d5	1.648	69	26409	23.771	ug/L	-0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	47.540%#
11) 1,1-Dichloroethene-d2	2.288	65	32857	49.801	ug/L	-0.02
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.600%
21) 2-Butanone-d5	4.477	46	128781	94.655	ug/L	0.03
Spiked Amount	100.000	Range	40 - 130	Recovery	=	94.650%
24) Chloroform-d	5.056	84	135061	50.761	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.520%
26) 1,2-Dichloroethane-d4	5.952	65	99494	57.740	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	115.480%
32) Benzene-d6	5.964	84	284132	53.129	ug/L	-0.01
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.260%
36) 1,2-Dichloropropane-d6	7.306	67	91803	53.340	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	106.680%
41) Toluene-d8	8.647	98	244244	50.396	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.800%
43) trans-1,3-Dichloroprop...	8.952	79	37245	42.525	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.060%
47) 2-Hexanone-d5	9.397	63	94848	92.270	ug/L	0.01
Spiked Amount	100.000	Range	45 - 130	Recovery	=	92.270%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	118937	48.715	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.420%
66) 1,2-Dichlorobenzene-d4	12.323	152	83518	51.760	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.520%
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.288	101	936	0.713	ug/L #	21
12) 1,1-Dichloroethene	2.288	96	811	0.657	ug/L #	1
25) Chloroform	5.099	83	5369	2.093	ug/L	94
35) Methylcyclohexane	7.306	83	20987	8.659	ug/L #	19
37) 1,2-Dichloropropane	7.306	63	10480	6.862	ug/L #	89
39) cis-1,3-Dichloropropene	8.324	75	2811	1.154	ug/L #	62
44) trans-1,3-Dichloropropene	8.952	75	1977	0.875	ug/L #	69
48) 2-Hexanone	9.397	43	12786	5.968	ug/L #	69
65) 1,4-Dichlorobenzene	12.043	146	1952	0.721	ug/L	99
71) Naphthalene	13.780	128	5421	0.950	ug/L	99

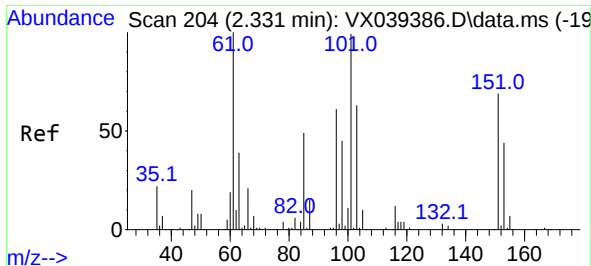
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122023\
Data File : VX039406.D
Acq On : 20 Dec 2023 16:59
Operator : JC/MD
Sample : 05794-21
Misc : 5.89g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Dec 21 00:26:53 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM120523WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Dec 20 00:14:00 2023
Response via : Initial Calibration

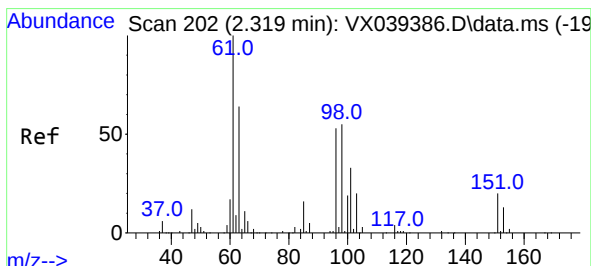
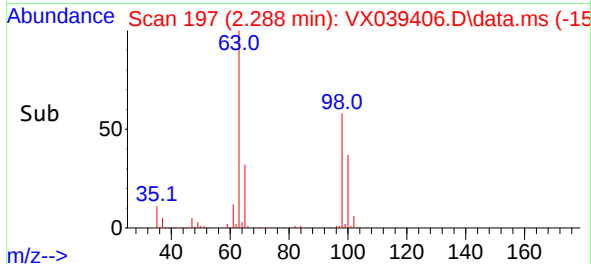
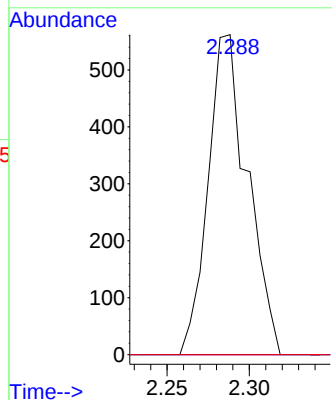
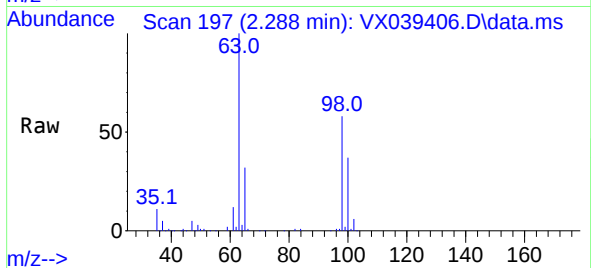




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.713 ug/L
RT: 2.288 min Scan# 197
Delta R.T. -0.042 min
Lab File: VX039406.D
Acq: 20 Dec 2023 16:59

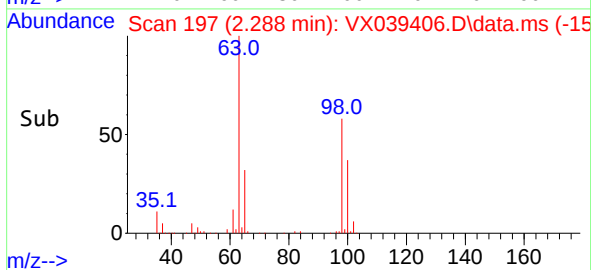
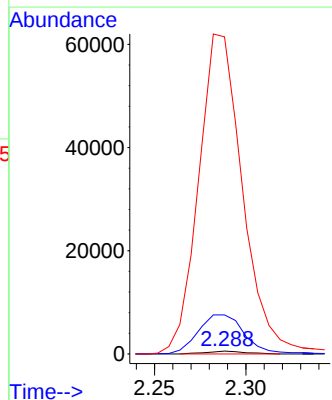
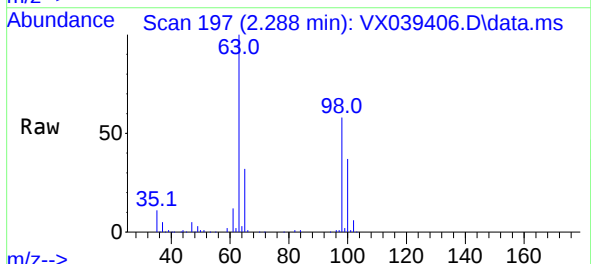
Instrument :
MSVOA_X
ClientSampleId :

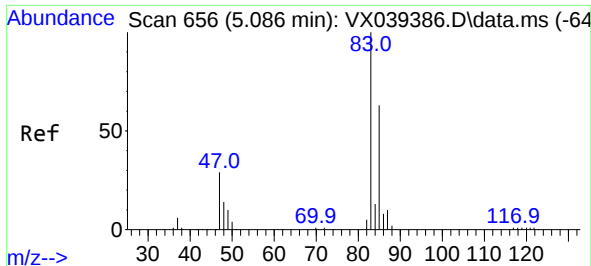
Tgt Ion:101 Resp: 936
Ion Ratio Lower Upper
101 100
85 0.0 35.8 53.6#
151 0.0 55.4 83.2#



#12
1,1-Dichloroethene
Concen: 0.657 ug/L
RT: 2.288 min Scan# 197
Delta R.T. -0.030 min
Lab File: VX039406.D
Acq: 20 Dec 2023 16:59

Tgt Ion: 96 Resp: 811
Ion Ratio Lower Upper
96 100
61 1337.2 128.0 237.6#
63 10878.6 101.5 188.5#

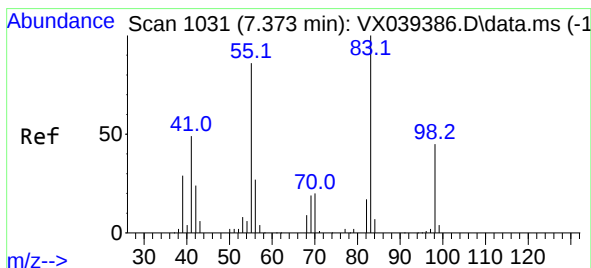
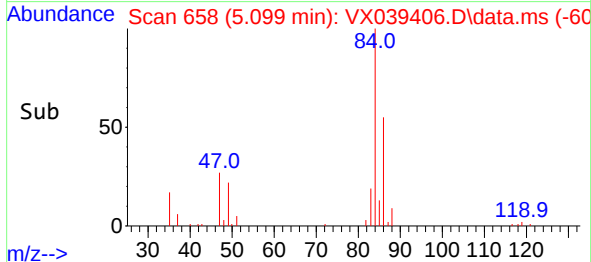
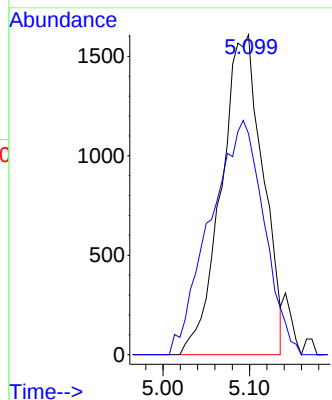
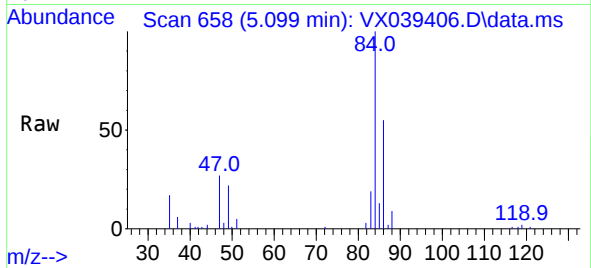




#25
Chloroform
Concen: 2.093 ug/L
RT: 5.099 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX039406.D
Acq: 20 Dec 2023 16:59

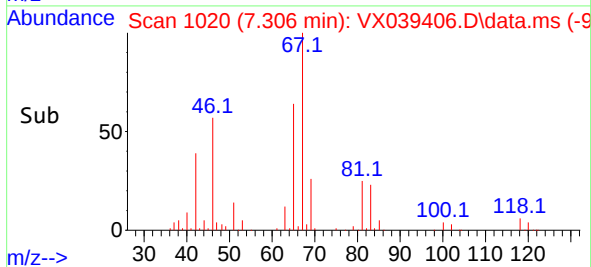
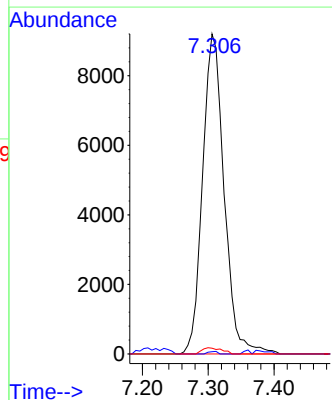
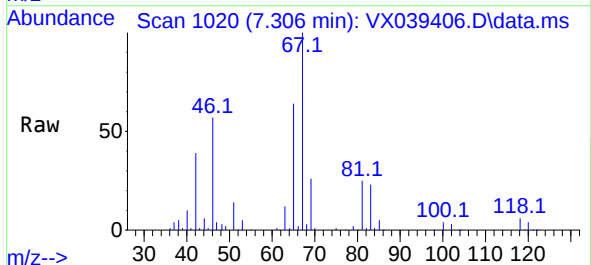
Instrument :
MSVOA_X
ClientSampleId :

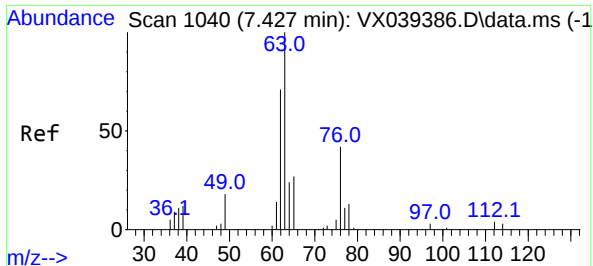
Tgt Ion: 83 Resp: 5369
Ion Ratio Lower Upper
83 100
85 69.0 45.1 83.7



#35
Methylcyclohexane
Concen: 8.659 ug/L
RT: 7.306 min Scan# 1020
Delta R.T. -0.073 min
Lab File: VX039406.D
Acq: 20 Dec 2023 16:59

Tgt Ion: 83 Resp: 20987
Ion Ratio Lower Upper
83 100
55 0.3 62.5 93.7#
98 1.8 36.1 54.1#





#37

1,2-Dichloropropane

Concen: 6.862 ug/L

RT: 7.306 min Scan# 1187

Delta R.T. -0.122 min

Lab File: VX039406.D

Acq: 20 Dec 2023 16:59

Instrument :

MSVOA_X

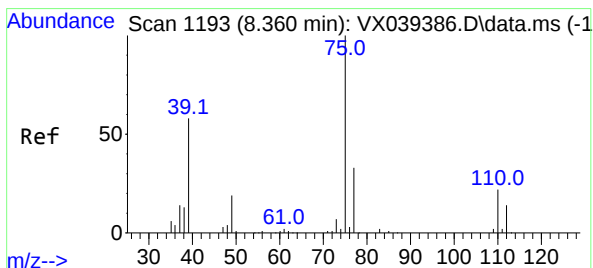
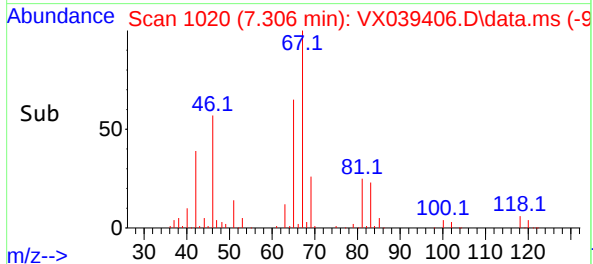
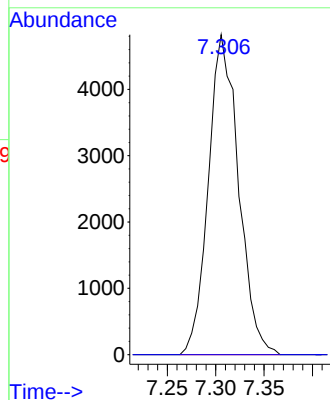
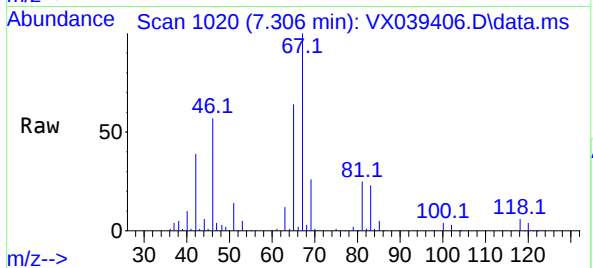
ClientSampleId :

Tgt Ion: 63 Resp: 10480

Ion Ratio Lower Upper

63 100

112 0.0 2.8 4.2#



#39

cis-1,3-Dichloropropene

Concen: 1.154 ug/L

RT: 8.324 min Scan# 1187

Delta R.T. -0.042 min

Lab File: VX039406.D

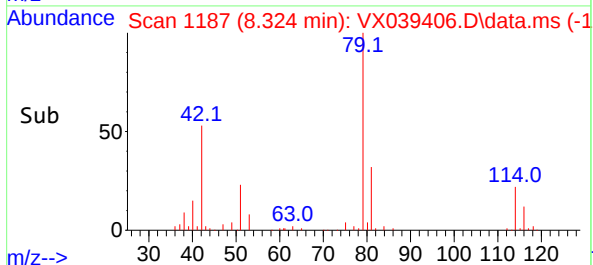
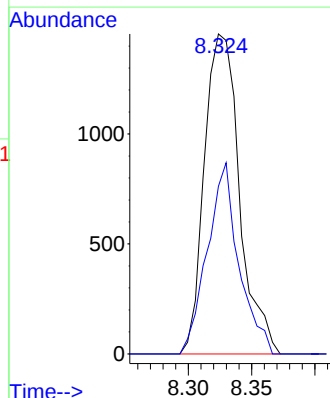
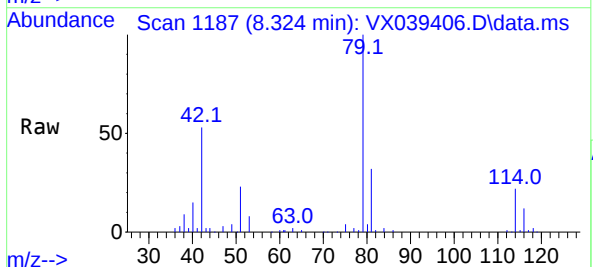
Acq: 20 Dec 2023 16:59

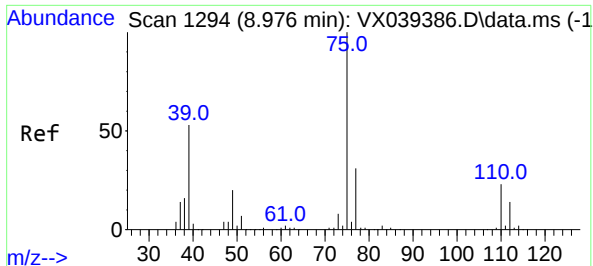
Tgt Ion: 75 Resp: 2811

Ion Ratio Lower Upper

75 100

77 52.4 22.0 40.8#

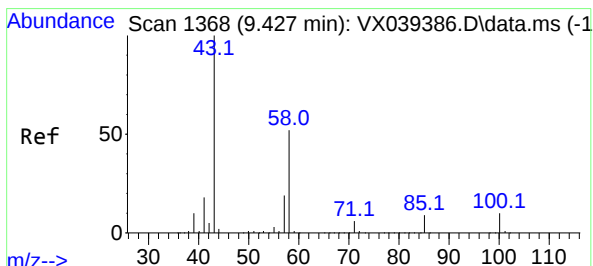
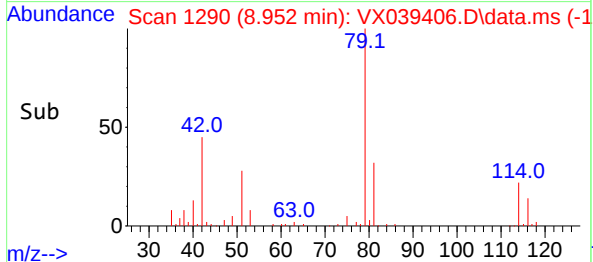
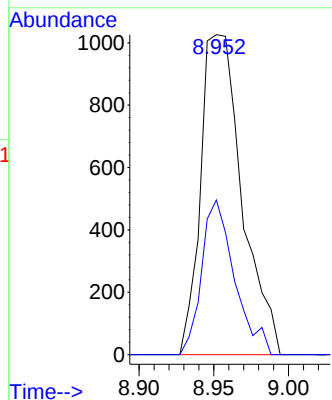
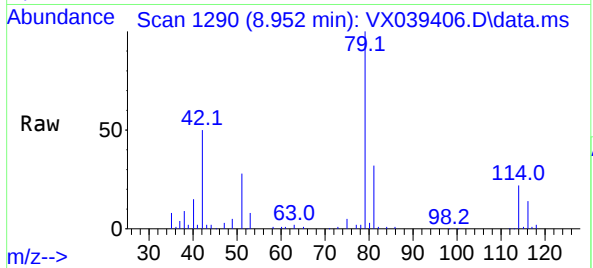




#44
trans-1,3-Dichloropropene
Concen: 0.875 ug/L
RT: 8.952 min Scan# 11
Delta R.T. -0.024 min
Lab File: VX039406.D
Acq: 20 Dec 2023 16:59

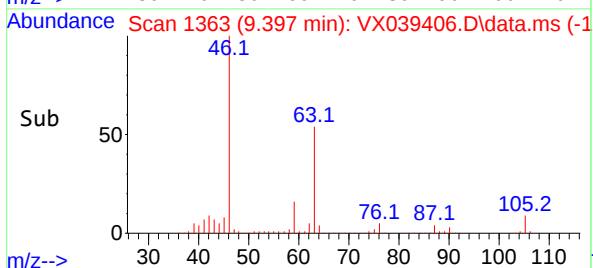
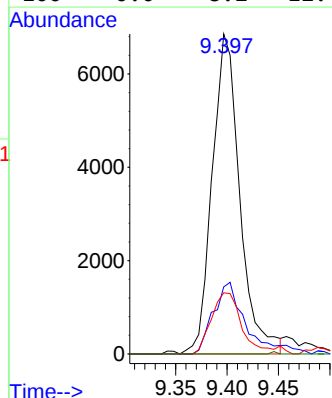
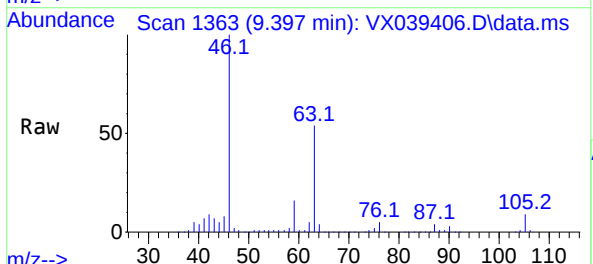
Instrument :
MSVOA_X
ClientSampleId :

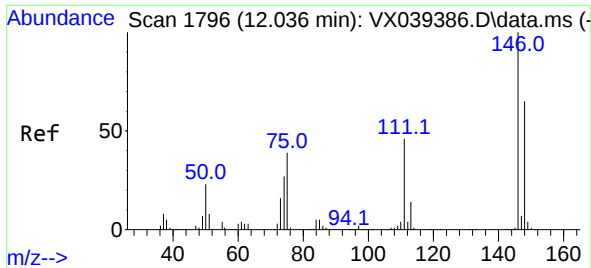
Tgt Ion: 75 Resp: 1977
Ion Ratio Lower Upper
75 100
77 48.3 22.0 40.8#



#48
2-Hexanone
Concen: 5.968 ug/L
RT: 9.397 min Scan# 1363
Delta R.T. -0.030 min
Lab File: VX039406.D
Acq: 20 Dec 2023 16:59

Tgt Ion: 43 Resp: 12786
Ion Ratio Lower Upper
43 100
58 24.7 43.0 64.6#
57 20.9 14.6 21.8
100 0.0 8.2 12.4#

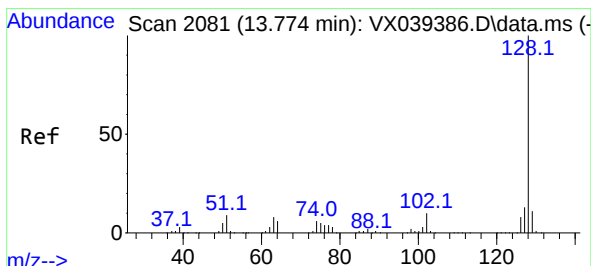
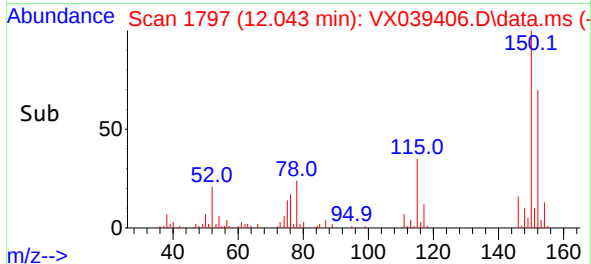
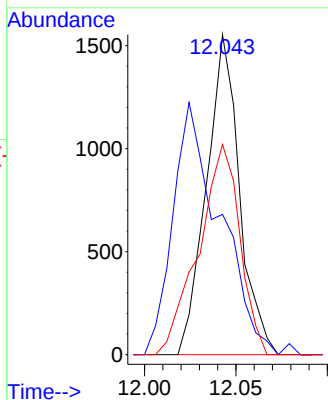
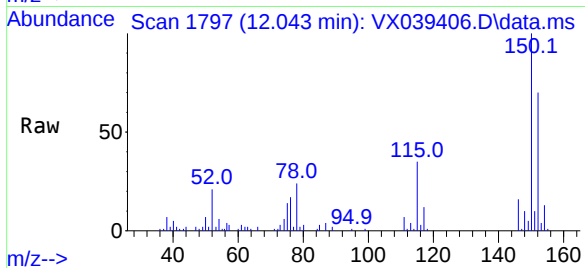




#65
1,4-Dichlorobenzene
Concen: 0.721 ug/L
RT: 12.043 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX039406.D
Acq: 20 Dec 2023 16:59

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:146 Resp: 1952
Ion Ratio Lower Upper
146 100
111 43.9 29.7 55.1
148 65.7 45.8 85.2



#71
Naphthalene
Concen: 0.950 ug/L
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX039406.D
Acq: 20 Dec 2023 16:59

Tgt Ion:128 Resp: 5421
Ion Ratio Lower Upper
128 100
127 12.6 10.2 15.4
129 10.1 8.7 13.1

