

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122023\
 Data File : VX039399.D
 Acq On : 20 Dec 2023 14:19
 Operator : JC/MD
 Sample : 05869-08
 Misc : 3.72g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 21 00:25:57 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)

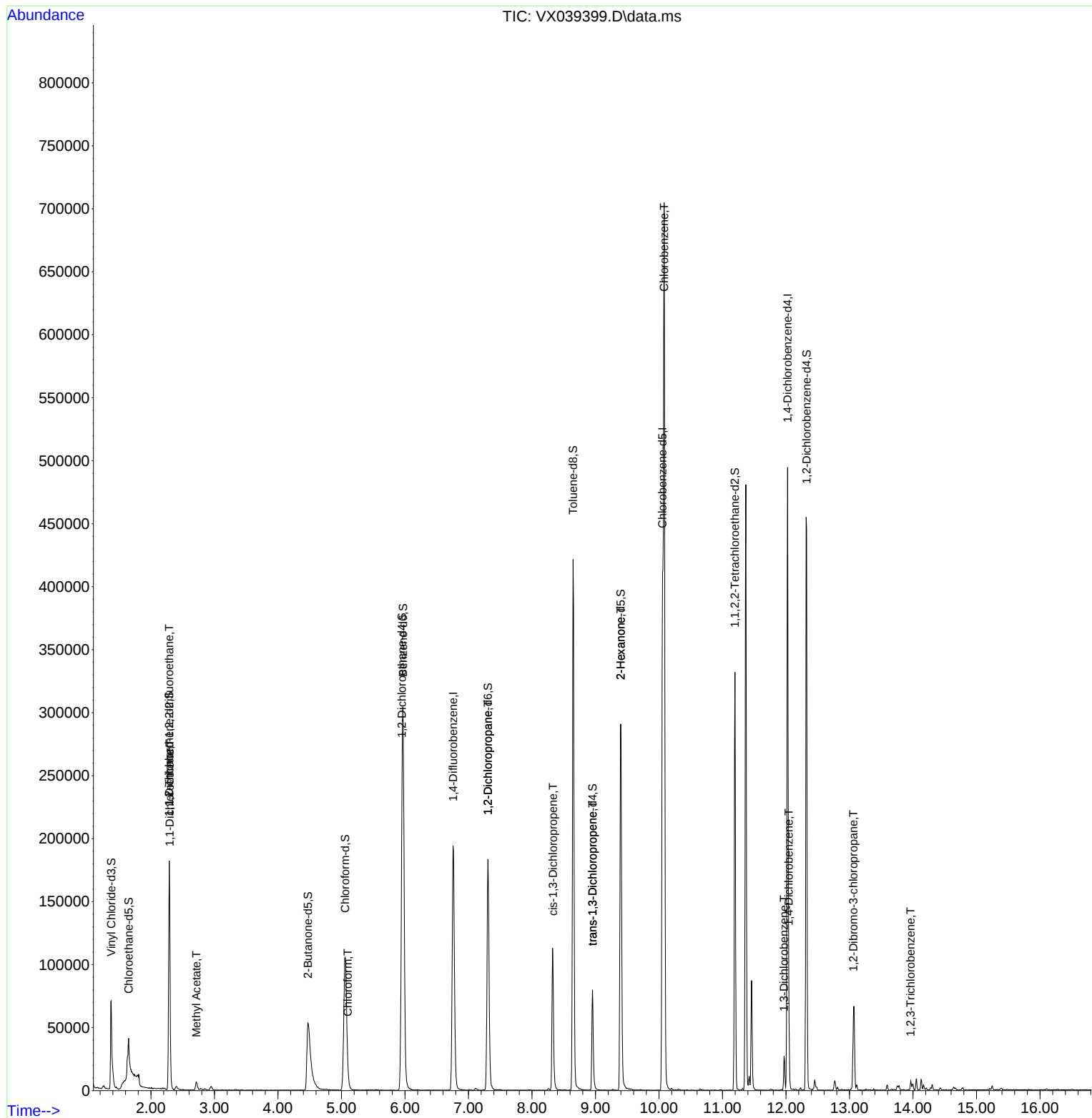
Internal Standards						
1) 1,4-Difluorobenzene	6.757	114	192263	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	172672	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	86642	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.374	65	69044	45.785	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	91.560%		
7) Chloroethane-d5	1.648	69	27962	25.086	ug/L	-0.02
Spiked Amount 50.000	Range 70 - 130		Recovery =	50.180%#		
11) 1,1-Dichloroethene-d2	2.288	65	33493	50.597	ug/L	-0.02
Spiked Amount 50.000	Range 60 - 125		Recovery =	101.200%		
21) 2-Butanone-d5	4.471	46	143855	105.385	ug/L	0.02
Spiked Amount 100.000	Range 40 - 130		Recovery =	105.380%		
24) Chloroform-d	5.056	84	136992	51.317	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	102.640%		
26) 1,2-Dichloroethane-d4	5.952	65	101456	58.684	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	117.360%		
32) Benzene-d6	5.971	84	285702	53.613	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	107.220%		
36) 1,2-Dichloropropane-d6	7.306	67	91397	53.293	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	106.580%		
41) Toluene-d8	8.647	98	246975	51.141	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	102.280%		
43) trans-1,3-Dichloroprop...	8.952	79	39820	45.627	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	91.260%		
47) 2-Hexanone-d5	9.397	63	104127	101.657	ug/L	0.01
Spiked Amount 100.000	Range 45 - 130		Recovery =	101.660%		
56) 1,1,2,2-Tetrachloroeth...	11.195	84	125299	51.503	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	103.000%		
66) 1,2-Dichlorobenzene-d4	12.323	152	86594	52.876	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	105.760%		
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.288	101	954	0.725	ug/L #	21
12) 1,1-Dichloroethene	2.294	96	807	0.652	ug/L #	1
15) Methyl Acetate	2.715	43	8719	4.652	ug/L	96
25) Chloroform	5.099	83	5784	2.247	ug/L	85
37) 1,2-Dichloropropane	7.306	63	11082	7.282	ug/L #	89
39) cis-1,3-Dichloropropene	8.330	75	2802	1.154	ug/L #	71
44) trans-1,3-Dichloropropene	8.952	75	2248	0.998	ug/L	88
48) 2-Hexanone	9.397	43	13604	6.373	ug/L #	67
51) Chlorobenzene	10.080	112	284311	79.100	ug/L	93
64) 1,3-Dichlorobenzene	11.969	146	7674	2.832	ug/L	98
65) 1,4-Dichlorobenzene	12.043	146	17722	6.454	ug/L	93
68) 1,2-Dibromo-3-chloropr...	13.061	75	2016	3.403	ug/L #	11
72) 1,2,3-Trichlorobenzene	13.963	180	798	0.488	ug/L #	82

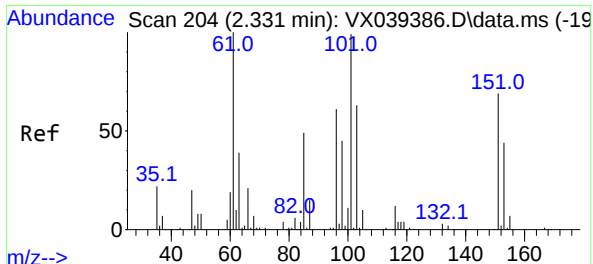
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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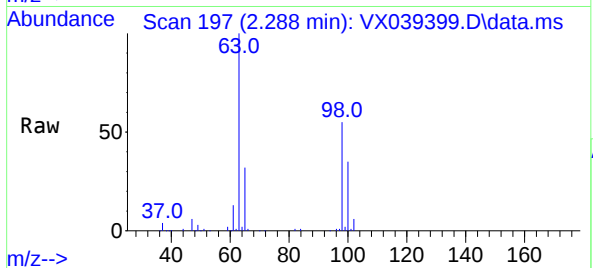
Quant Time: Dec 21 00:25:57 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM120523WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Dec 20 00:14:00 2023
Response via : Initial Calibration





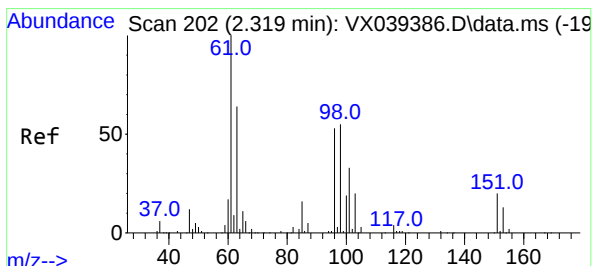
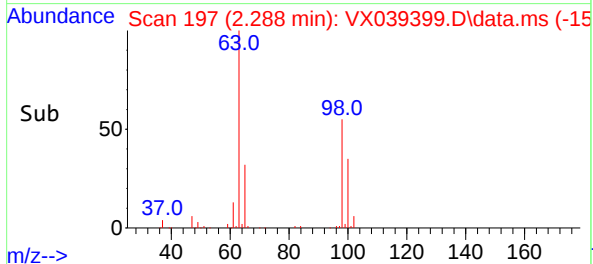
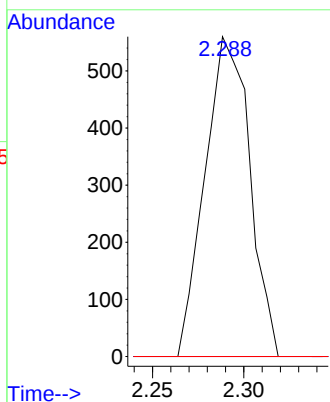
#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.725 ug/L
 RT: 2.288 min Scan# 197
 Delta R.T. -0.042 min
 Lab File: VX039399.D
 Acq: 20 Dec 2023 14:19

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 101 Resp: 954

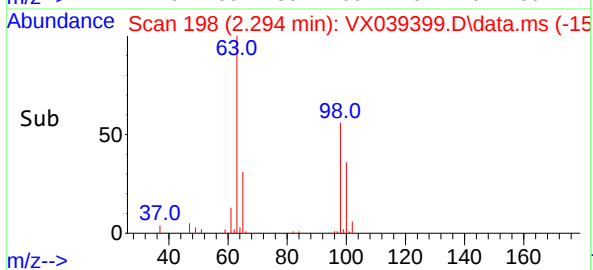
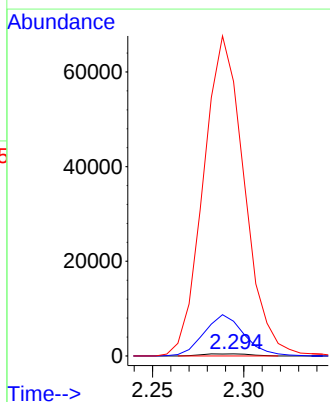
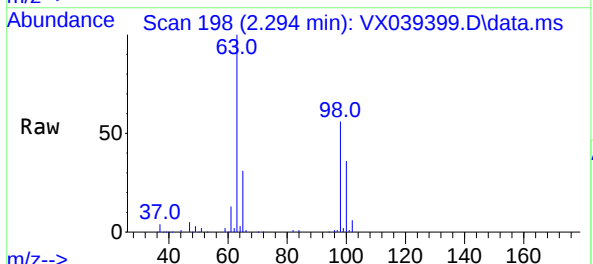
Ion	Ratio	Lower	Upper
101	100		
85	0.0	35.8	53.6#
151	0.0	55.4	83.2#

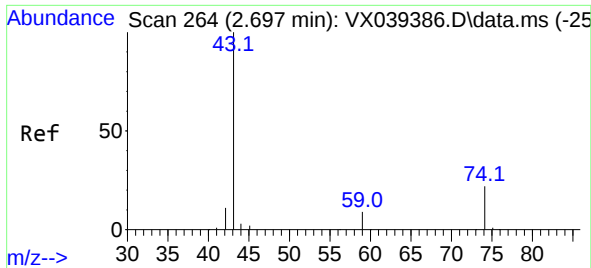


#12
 1,1-Dichloroethene
 Concen: 0.652 ug/L
 RT: 2.294 min Scan# 198
 Delta R.T. -0.024 min
 Lab File: VX039399.D
 Acq: 20 Dec 2023 14:19

Tgt Ion: 96 Resp: 807

Ion	Ratio	Lower	Upper
96	100		
61	1619.6	128.0	237.6#
63	12766.5	101.5	188.5#

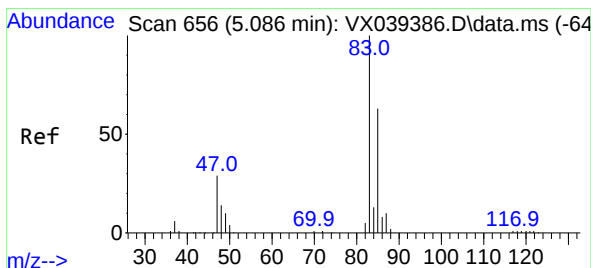
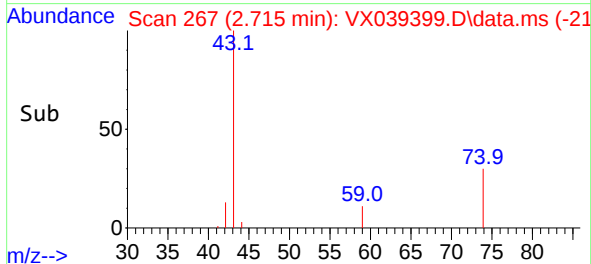
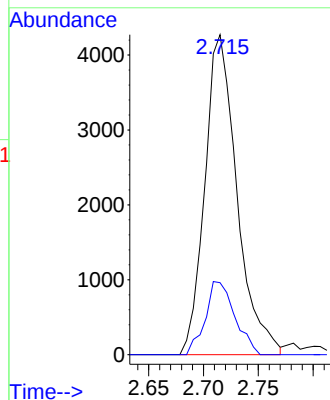
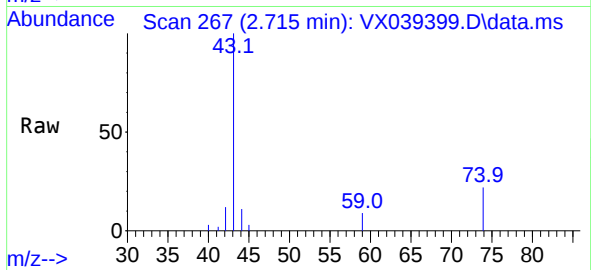




#15
Methyl Acetate
Concen: 4.652 ug/L
RT: 2.715 min Scan# 20
Delta R.T. 0.018 min
Lab File: VX039399.D
Acq: 20 Dec 2023 14:19

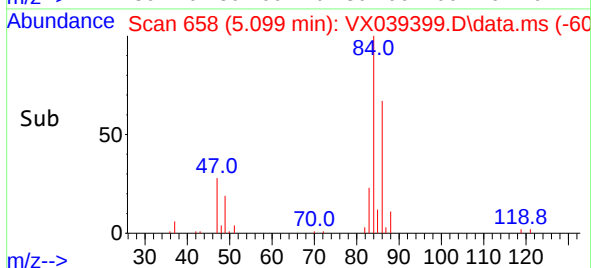
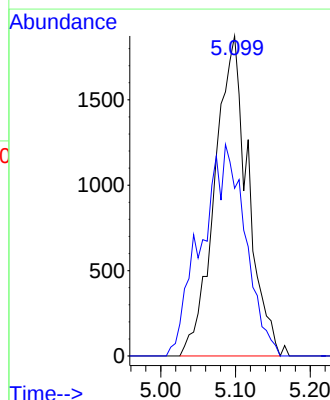
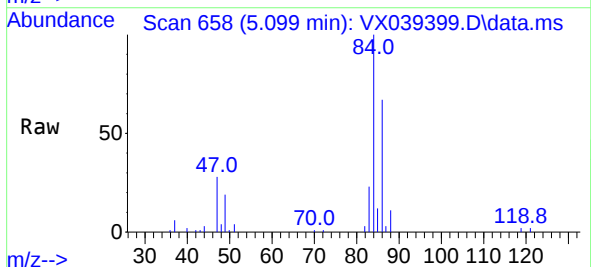
Instrument :
MSVOA_X
ClientSampleId :

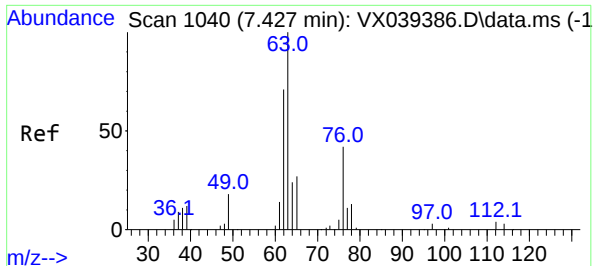
Tgt Ion: 43 Resp: 8719
Ion Ratio Lower Upper
43 100
74 21.0 18.2 27.4



#25
Chloroform
Concen: 2.247 ug/L
RT: 5.099 min Scan# 658
Delta R.T. 0.006 min
Lab File: VX039399.D
Acq: 20 Dec 2023 14:19

Tgt Ion: 83 Resp: 5784
Ion Ratio Lower Upper
83 100
85 52.4 45.1 83.7

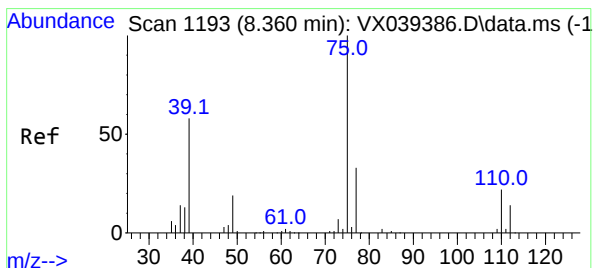
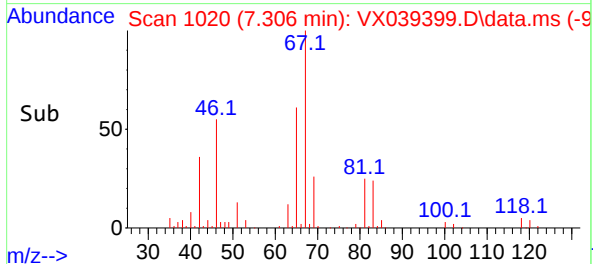
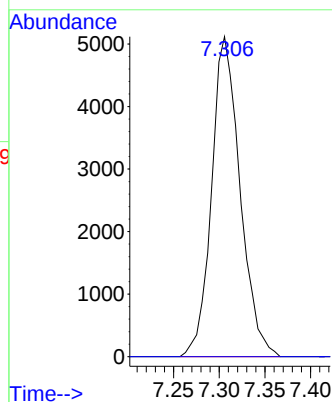
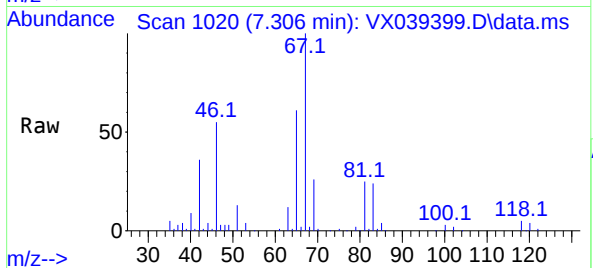




#37
1,2-Dichloropropane
Concen: 7.282 ug/L
RT: 7.306 min Scan# 11082
Delta R.T. -0.122 min
Lab File: VX039399.D
Acq: 20 Dec 2023 14:19

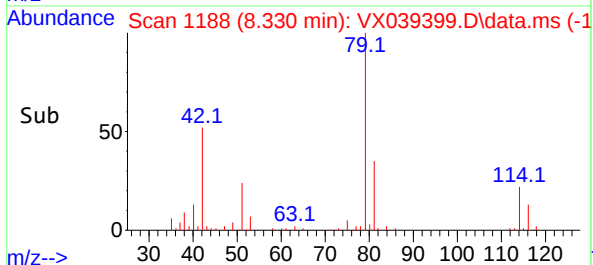
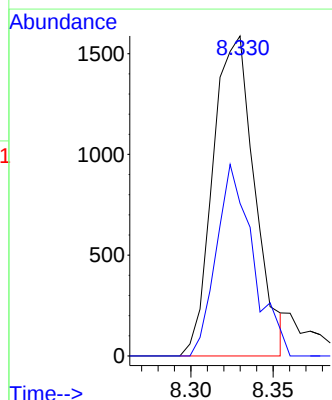
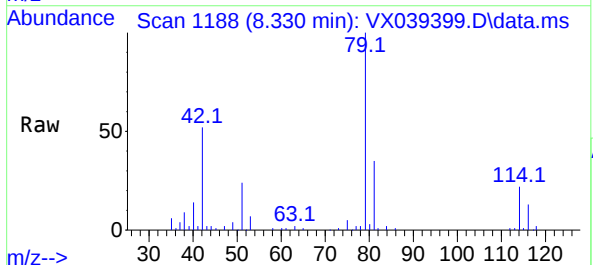
Instrument :
MSVOA_X
ClientSampleId :

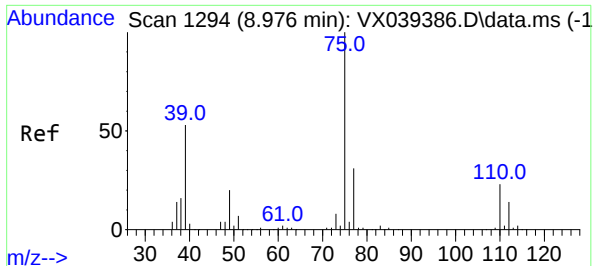
Tgt Ion: 63 Resp: 11082
Ion Ratio Lower Upper
63 100
112 0.0 2.8 4.2#



#39
cis-1,3-Dichloropropene
Concen: 1.154 ug/L
RT: 8.330 min Scan# 1188
Delta R.T. -0.036 min
Lab File: VX039399.D
Acq: 20 Dec 2023 14:19

Tgt Ion: 75 Resp: 2802
Ion Ratio Lower Upper
75 100
77 47.7 22.0 40.8#

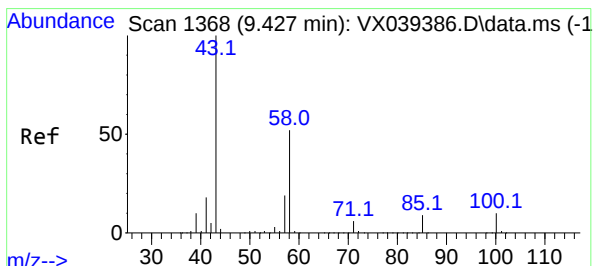
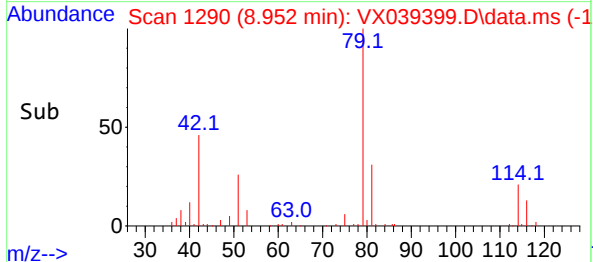
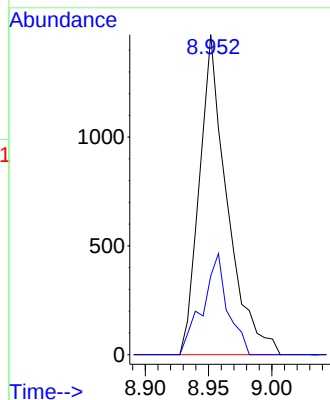
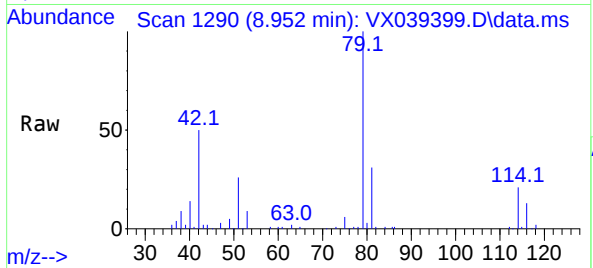




#44
trans-1,3-Dichloropropene
Concen: 0.998 ug/L
RT: 8.952 min Scan# 11
Delta R.T. -0.024 min
Lab File: VX039399.D
Acq: 20 Dec 2023 14:19

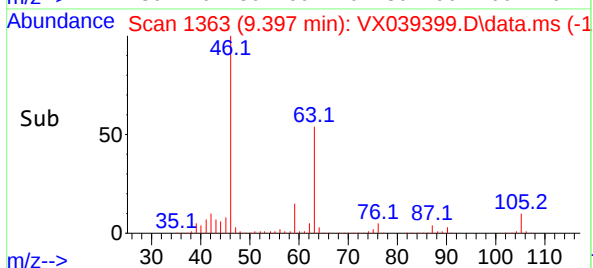
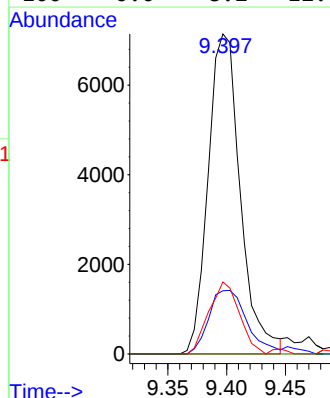
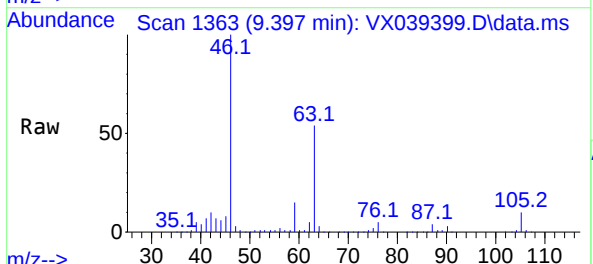
Instrument :
MSVOA_X
ClientSampleId :

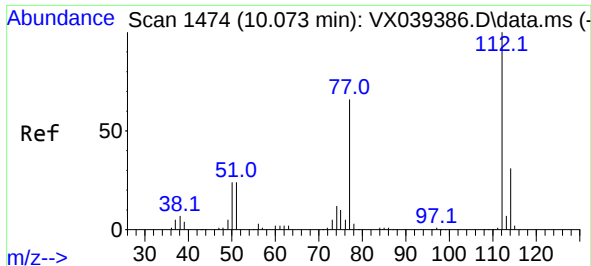
Tgt Ion: 75 Resp: 2248
Ion Ratio Lower Upper
75 100
77 24.7 22.0 40.8



#48
2-Hexanone
Concen: 6.373 ug/L
RT: 9.397 min Scan# 1363
Delta R.T. -0.030 min
Lab File: VX039399.D
Acq: 20 Dec 2023 14:19

Tgt Ion: 43 Resp: 13604
Ion Ratio Lower Upper
43 100
58 23.6 43.0 64.6#
57 21.4 14.6 21.8
100 0.0 8.2 12.4#

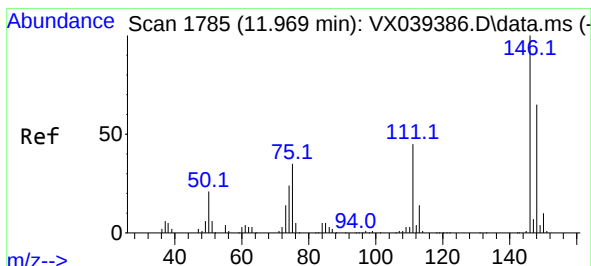
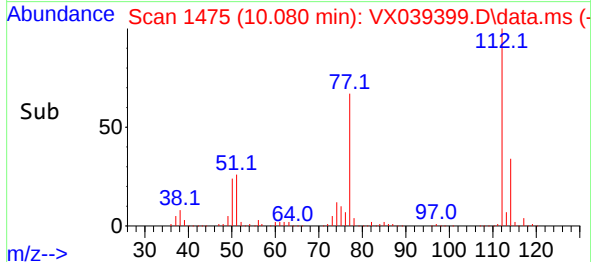
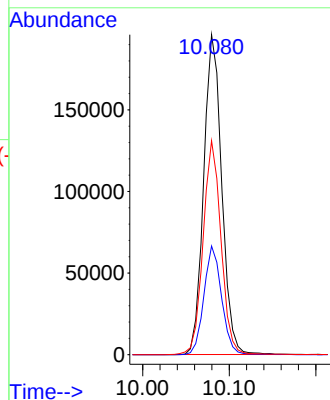
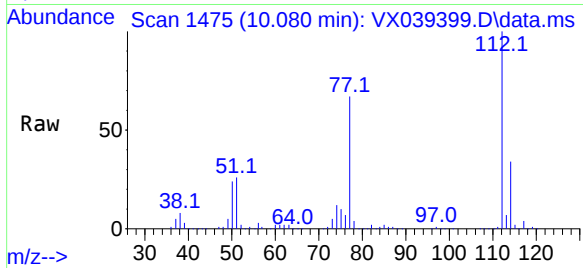




#51
Chlorobenzene
Concen: 79.100 ug/L
RT: 10.080 min Scan# 1474
Delta R.T. 0.000 min
Lab File: VX039399.D
Acq: 20 Dec 2023 14:19

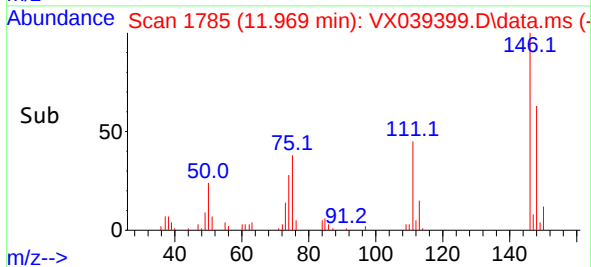
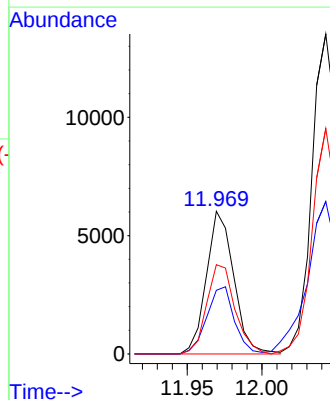
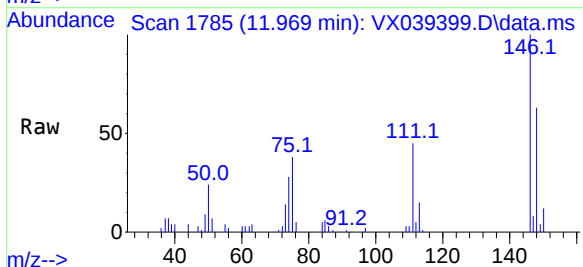
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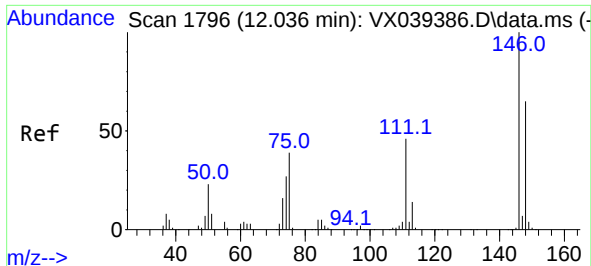
Tgt Ion:112 Resp: 284311
Ion Ratio Lower Upper
112 100
114 34.0 21.8 40.4
77 66.8 49.0 73.6



#64
1,3-Dichlorobenzene
Concen: 2.832 ug/L
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX039399.D
Acq: 20 Dec 2023 14:19

Tgt Ion:146 Resp: 7674
Ion Ratio Lower Upper
146 100
111 44.6 30.0 55.6
148 62.5 44.2 82.0

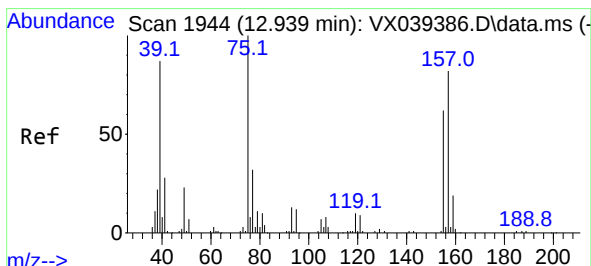
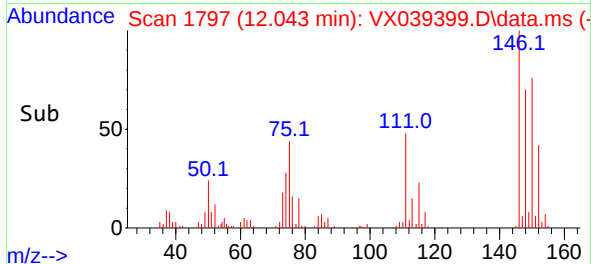
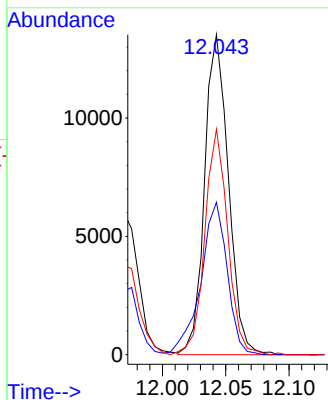
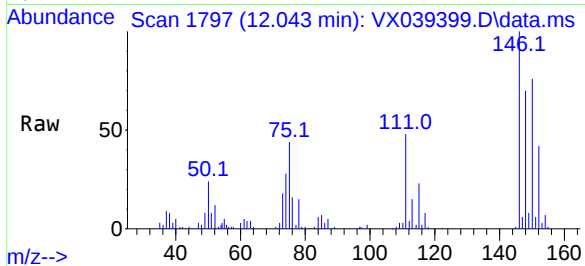




#65
1,4-Dichlorobenzene
Concen: 6.454 ug/L
RT: 12.043 min Scan# 1796
Delta R.T. 0.000 min
Lab File: VX039399.D
Acq: 20 Dec 2023 14:19

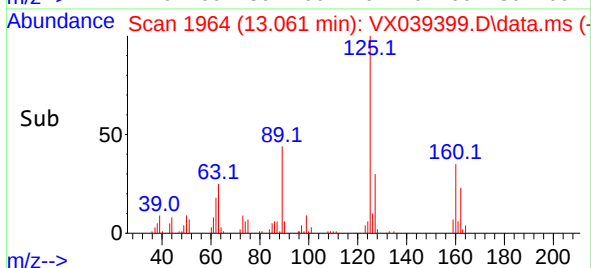
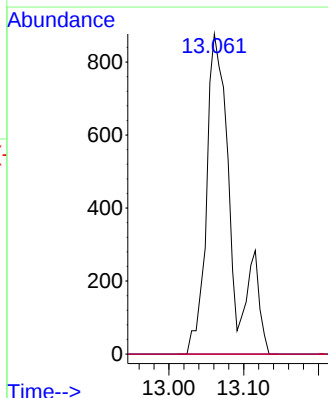
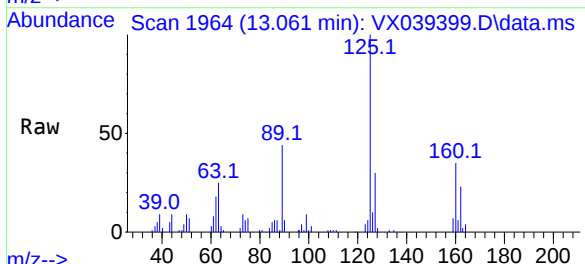
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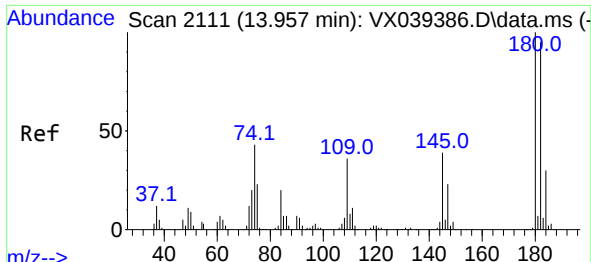
Tgt Ion:146 Resp: 17722
Ion Ratio Lower Upper
146 100
111 47.7 29.7 55.1
148 70.4 45.8 85.2



#68
1,2-Dibromo-3-chloropropane
Concen: 3.403 ug/L
RT: 13.061 min Scan# 1964
Delta R.T. 0.122 min
Lab File: VX039399.D
Acq: 20 Dec 2023 14:19

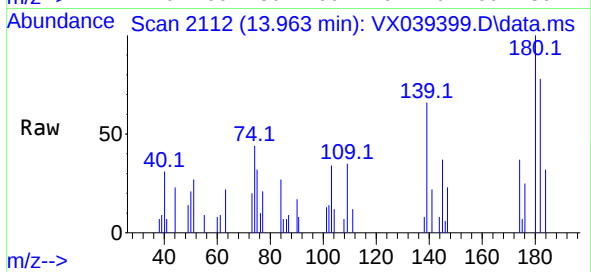
Tgt Ion: 75 Resp: 2016
Ion Ratio Lower Upper
75 100
155 0.0 52.3 78.5#
157 0.0 68.7 103.1#





#72
 1,2,3-Trichlorobenzene
 Concen: 0.488 ug/L
 RT: 13.963 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VX039399.D
 Acq: 20 Dec 2023 14:19

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion:180 Resp: 798
 Ion Ratio Lower Upper
 180 100
 182 105.1 75.9 113.9
 145 58.9 28.6 42.8#

