

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121923\
 Data File : VX039364.D
 Acq On : 19 Dec 2023 18:13
 Operator : JC/MD
 Sample : 05808-08 100X
 Misc : 4.19g/5mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 19 22:07:55 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML120523WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Dec 19 22:02:33 2023
 Response via : Initial Calibration

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

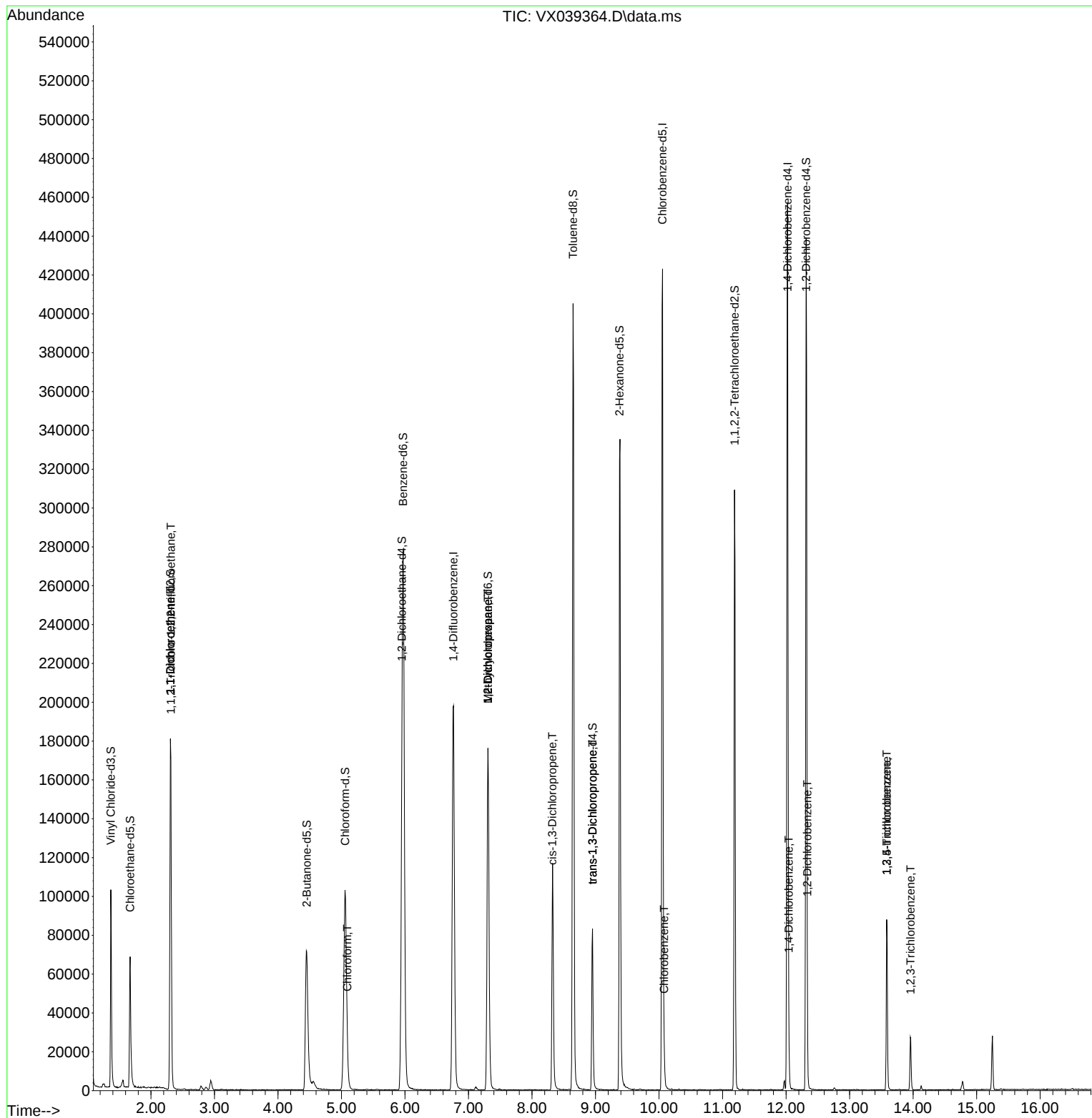
Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	194920	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	182003	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	88782	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	69254	45.298	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	90.600%		
7) Chloroethane-d5	1.672	69	51976	45.995	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	91.980%		
11) 1,1-Dichloroethene-d2	2.306	65	33090	49.307	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	98.620%		
21) 2-Butanone-d5	4.452	46	131460	94.992	ug/L	0.01
Spiked Amount 100.000	Range 40 - 130		Recovery =	94.990%		
24) Chloroform-d	5.056	84	127367	47.061	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	94.120%		
26) 1,2-Dichloroethane-d4	5.952	65	91604	52.263	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	104.520%		
32) Benzene-d6	5.970	84	268886	47.870	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	95.740%		
36) 1,2-Dichloropropane-d6	7.305	67	87831	48.588	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	97.180%		
41) Toluene-d8	8.647	98	235645	46.293	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	92.580%		
43) trans-1,3-Dichloroprop...	8.951	79	37508	40.774	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	81.540%		
47) 2-Hexanone-d5	9.378	63	94737	87.748	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	87.750%		
56) 1,1,2,2-Tetrachloroeth...	11.189	84	118187	46.089	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	92.180%		
66) 1,2-Dichlorobenzene-d4	12.317	152	79909	47.618	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	95.240%		
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.312	101	1046	0.784	ug/L #	21
12) 1,1-Dichloroethene	2.306	96	948	0.755	ug/L #	1
25) Chloroform	5.092	83	4710	1.805	ug/L	88
35) Methylcyclohexane	7.305	83	20014	7.862	ug/L #	19
37) 1,2-Dichloropropane	7.305	63	10459	6.520	ug/L #	89
39) cis-1,3-Dichloropropene	8.317	75	2885	1.128	ug/L	95
44) trans-1,3-Dichloropropene	8.951	75	2107	0.887	ug/L #	80
51) Chlorobenzene	10.079	112	5666	1.496	ug/L	98
65) 1,4-Dichlorobenzene	12.042	146	6754	2.400	ug/L	95
67) 1,2-Dichlorobenzene	12.335	146	3138	1.181	ug/L	97
69) 1,3,5-Trichlorobenzene	13.585	180	18114	9.864	ug/L	99
70) 1,2,4-trichlorobenzene	13.585	180	18114	10.464	ug/L	99
72) 1,2,3-Trichlorobenzene	13.963	180	5984	3.570	ug/L	93

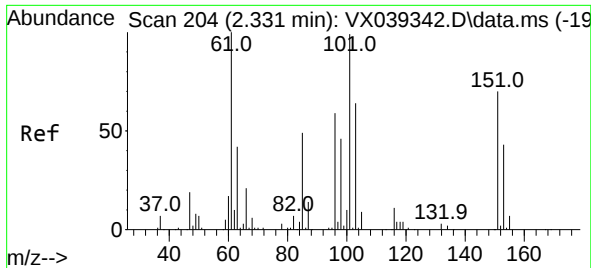
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM120523WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Dec 19 22:02:33 2023
Response via : Initial Calibration

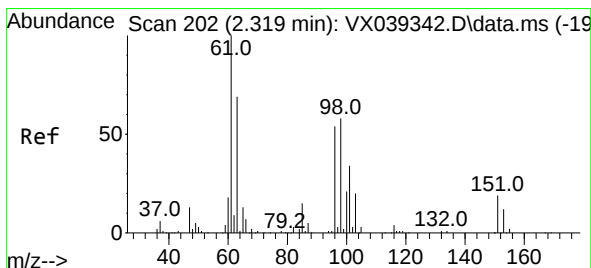
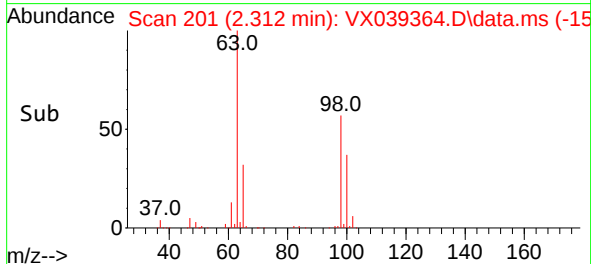
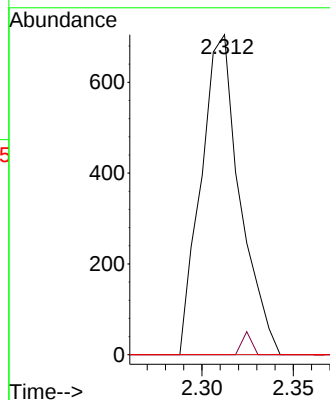
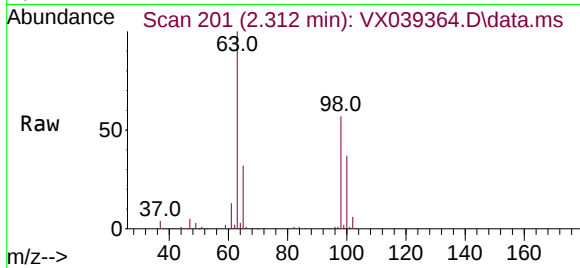




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.784 ug/L
RT: 2.312 min Scan# 20
Delta R.T. -0.019 min
Lab File: VX039364.D
Acq: 19 Dec 2023 18:13

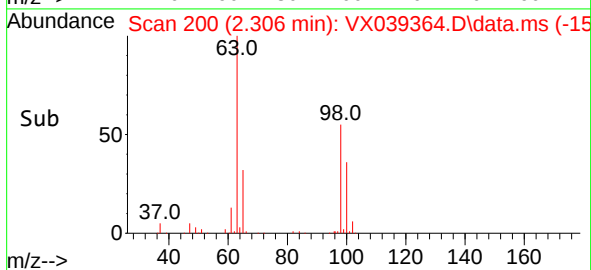
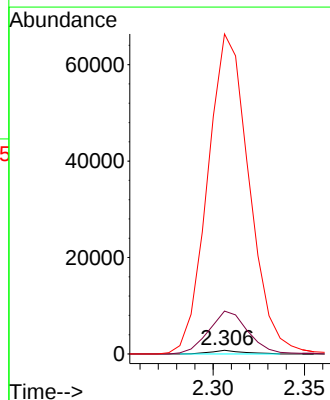
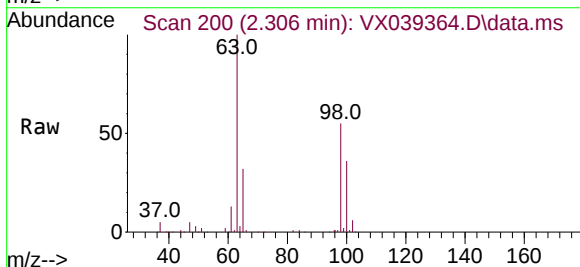
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MSVOA_X
ClientSampleId :

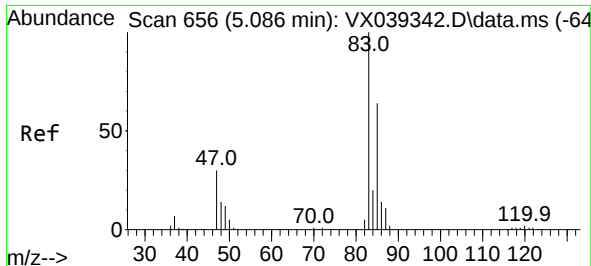
Tgt Ion:101 Resp: 1046
Ion Ratio Lower Upper
101 100
85 0.0 35.8 53.6#
151 0.0 55.4 83.2#



#12
1,1-Dichloroethene
Concen: 0.755 ug/L
RT: 2.306 min Scan# 200
Delta R.T. -0.012 min
Lab File: VX039364.D
Acq: 19 Dec 2023 18:13

Tgt Ion: 96 Resp: 948
Ion Ratio Lower Upper
96 100
61 1154.4 128.0 237.6#
63 8619.2 101.5 188.5#

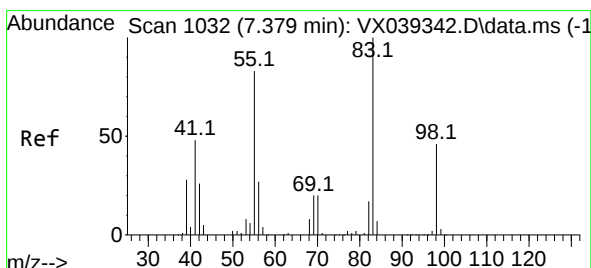
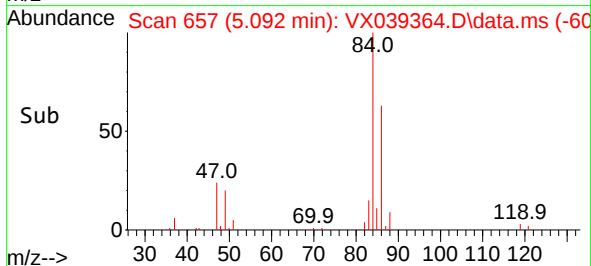
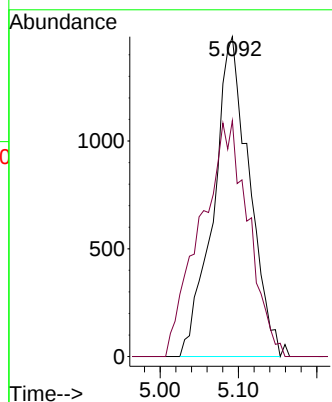
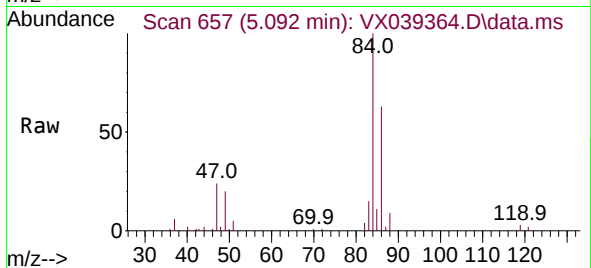




#25
Chloroform
Concen: 1.805 ug/L
RT: 5.092 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX039364.D
Acq: 19 Dec 2023 18:13

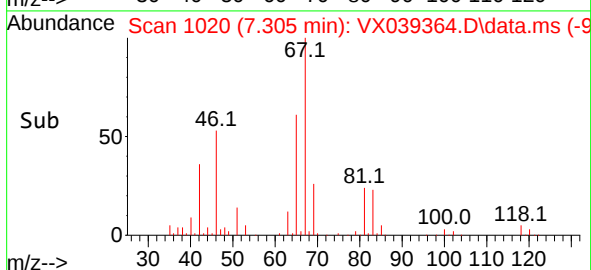
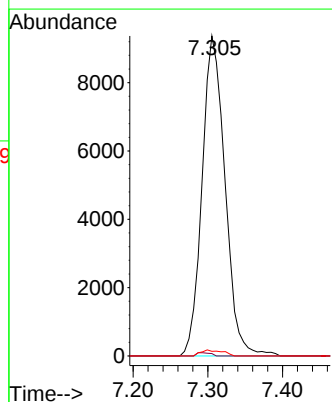
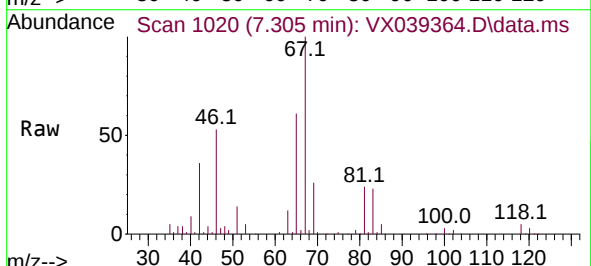
Instrument :
MSVOA_X
ClientSampleId :

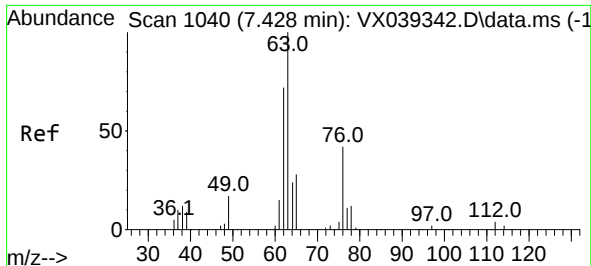
Tgt Ion: 83 Resp: 4710
Ion Ratio Lower Upper
83 100
85 73.7 45.1 83.7



#35
Methylcyclohexane
Concen: 7.862 ug/L
RT: 7.305 min Scan# 1020
Delta R.T. -0.073 min
Lab File: VX039364.D
Acq: 19 Dec 2023 18:13

Tgt Ion: 83 Resp: 20014
Ion Ratio Lower Upper
83 100
55 0.6 62.5 93.7#
98 1.8 36.1 54.1#

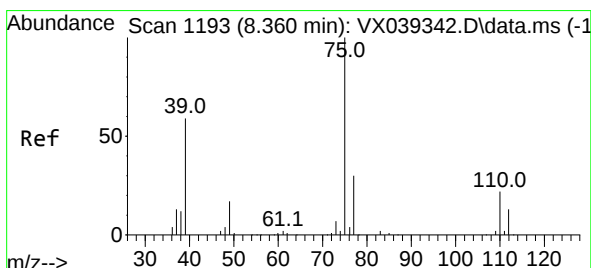
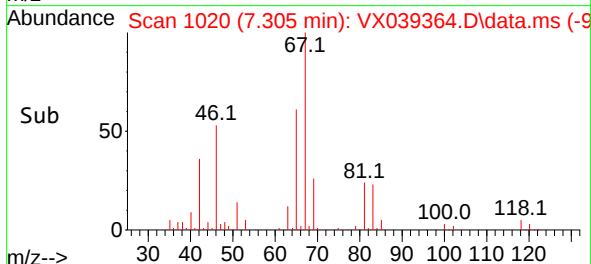
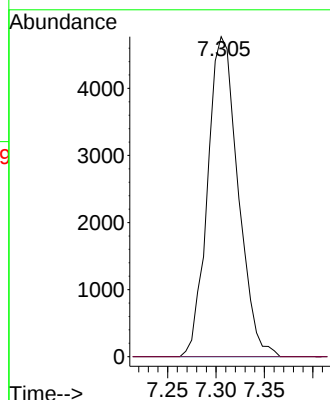
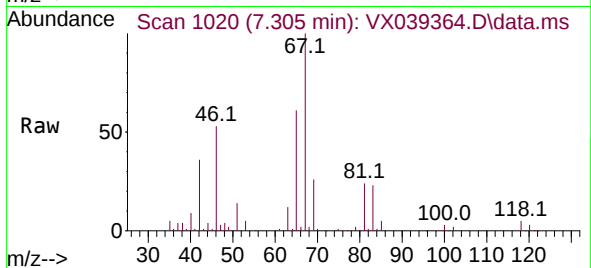




#37
1,2-Dichloropropane
Concen: 6.520 ug/L
RT: 7.305 min Scan# 1185
Delta R.T. -0.122 min
Lab File: VX039364.D
Acq: 19 Dec 2023 18:13

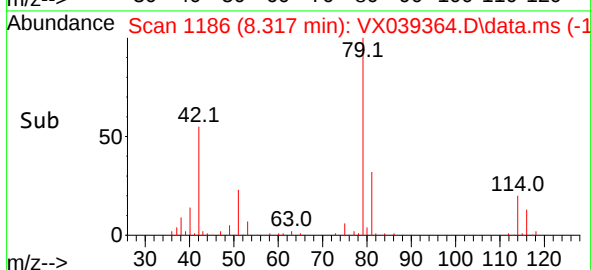
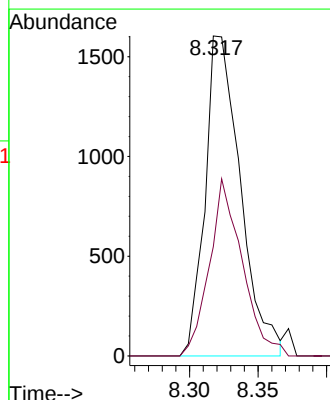
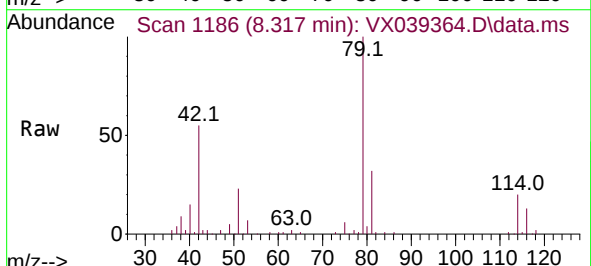
Instrument :
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ClientSampleId :

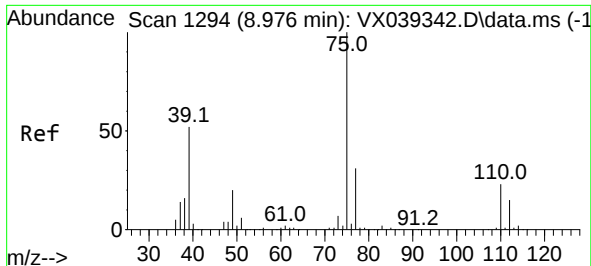
Tgt Ion: 63 Resp: 10459
Ion Ratio Lower Upper
63 100
112 0.0 2.8 4.2#



#39
cis-1,3-Dichloropropene
Concen: 1.128 ug/L
RT: 8.317 min Scan# 1186
Delta R.T. -0.043 min
Lab File: VX039364.D
Acq: 19 Dec 2023 18:13

Tgt Ion: 75 Resp: 2885
Ion Ratio Lower Upper
75 100
77 34.2 22.0 40.8

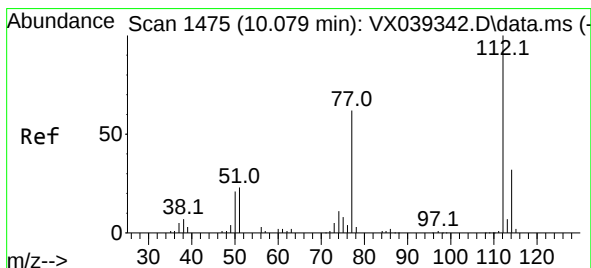
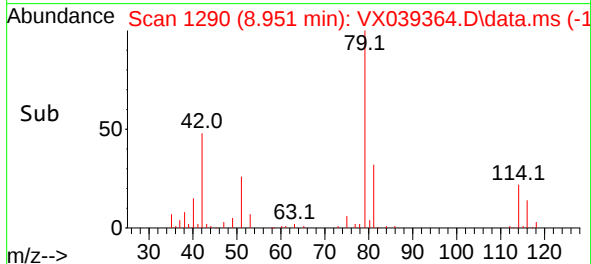
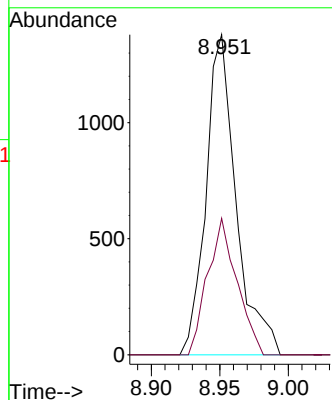
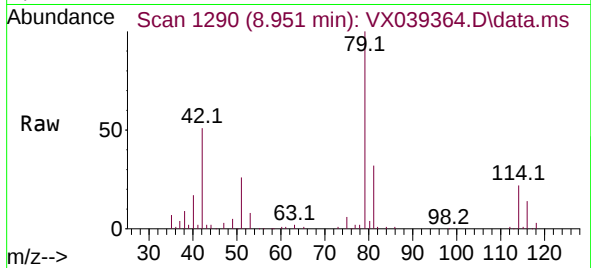




#44
trans-1,3-Dichloropropene
Concen: 0.887 ug/L
RT: 8.951 min Scan# 11
Delta R.T. -0.025 min
Lab File: VX039364.D
Acq: 19 Dec 2023 18:13

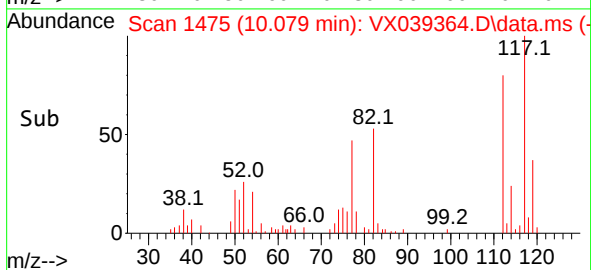
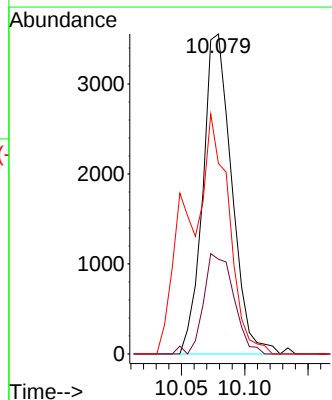
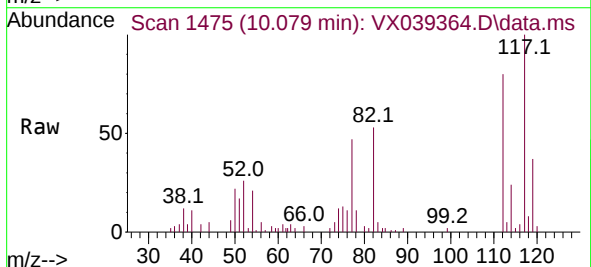
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ClientSampleId :

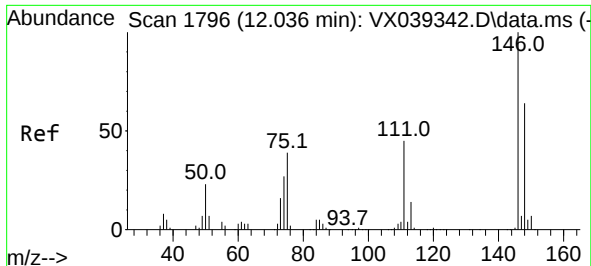
Tgt Ion: 75 Resp: 2107
Ion Ratio Lower Upper
75 100
77 42.6 22.0 40.8#



#51
Chlorobenzene
Concen: 1.496 ug/L
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX039364.D
Acq: 19 Dec 2023 18:13

Tgt Ion: 112 Resp: 5666
Ion Ratio Lower Upper
112 100
114 29.6 21.8 40.4
77 59.5 49.0 73.6

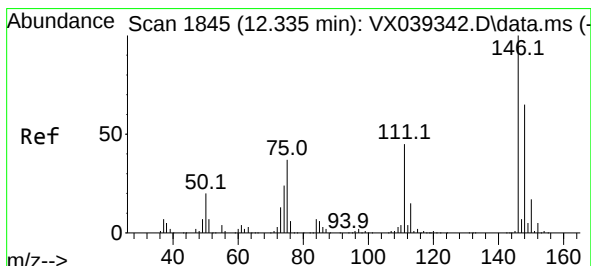
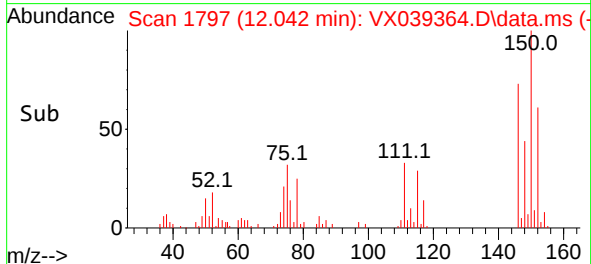
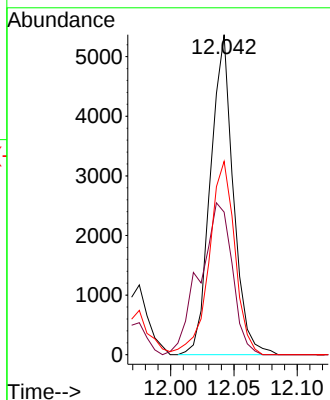
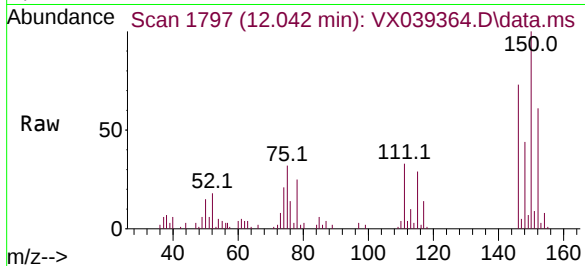




#65
1,4-Dichlorobenzene
Concen: 2.400 ug/L
RT: 12.042 min Scan# 1796
Delta R.T. 0.006 min
Lab File: VX039364.D
Acq: 19 Dec 2023 18:13

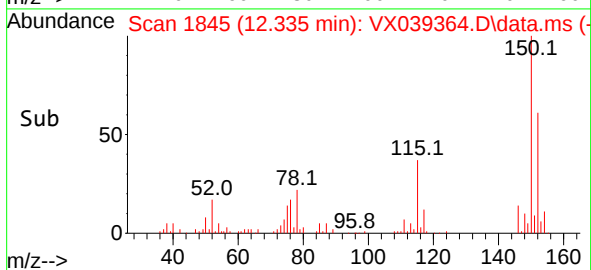
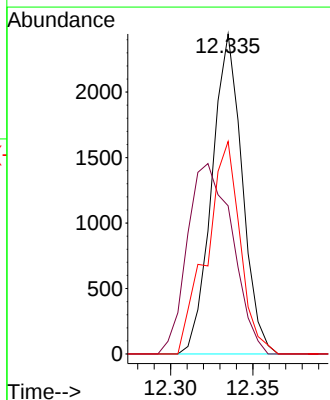
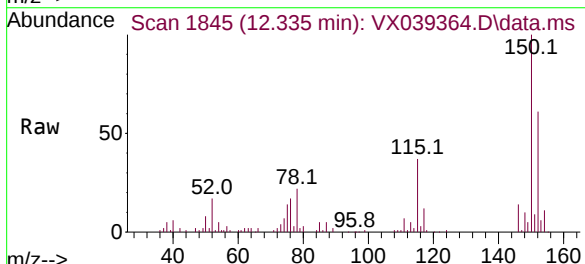
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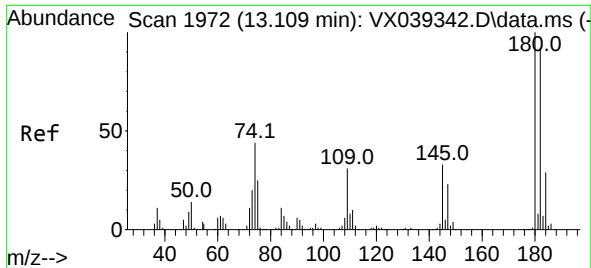
Tgt Ion:146 Resp: 6754
Ion Ratio Lower Upper
146 100
111 44.6 29.7 55.1
148 60.4 45.8 85.2



#67
1,2-Dichlorobenzene
Concen: 1.181 ug/L
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX039364.D
Acq: 19 Dec 2023 18:13

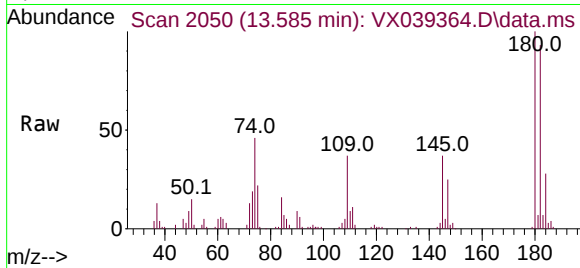
Tgt Ion:146 Resp: 3138
Ion Ratio Lower Upper
146 100
111 46.3 36.4 54.6
148 66.4 50.0 75.0



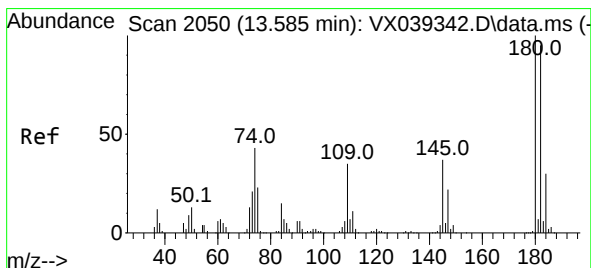
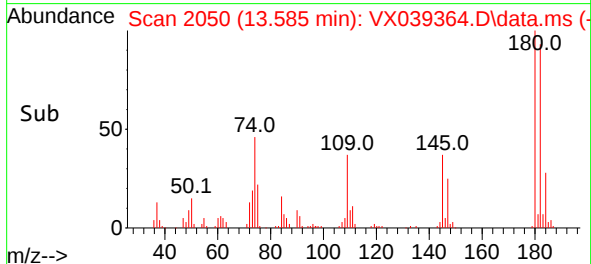
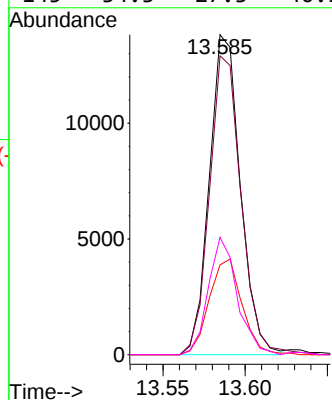


#69
 1,3,5-Trichlorobenzene
 Concen: 9.864 ug/L
 RT: 13.585 min Scan# 2050
 Delta R.T. 0.475 min
 Lab File: VX039364.D
 Acq: 19 Dec 2023 18:13

Instrument :
 MSVOA_X
 ClientSampleId :

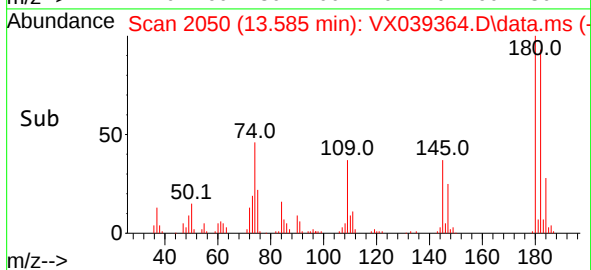
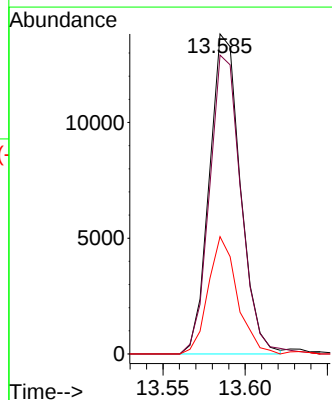
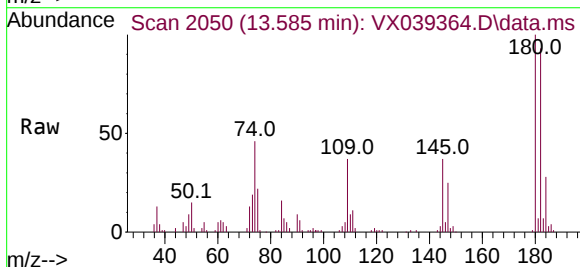


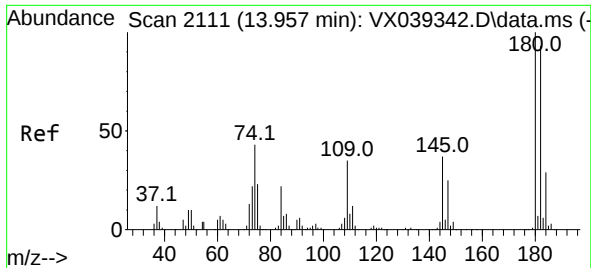
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 Ion Ratio Lower Upper
 180 100
 182 95.3 76.1 114.1
 184 31.8 24.1 36.1
 145 34.3 27.3 40.9



#70
 1,2,4-trichlorobenzene
 Concen: 10.464 ug/L
 RT: 13.585 min Scan# 2050
 Delta R.T. -0.000 min
 Lab File: VX039364.D
 Acq: 19 Dec 2023 18:13

Tgt Ion:180 Resp: 18114
 Ion Ratio Lower Upper
 180 100
 182 95.3 76.8 115.2
 145 34.3 27.8 41.6





#72

1,2,3-Trichlorobenzene

Concen: 3.570 ug/L

RT: 13.963 min Scan# 21

Delta R.T. 0.006 min

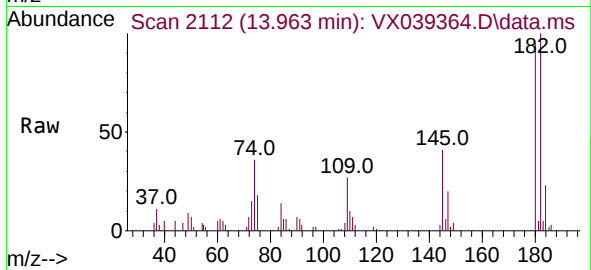
Lab File: VX039364.D

Acq: 19 Dec 2023 18:13

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:180 Resp: 5984

Ion Ratio Lower Upper

180 100

182 102.0 75.9 113.9

145 38.6 28.6 42.8

