

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121923\
 Data File : VX039357.D
 Acq On : 19 Dec 2023 15:33
 Operator : JC/MD
 Sample : 05835-19 100X
 Misc : 4.00g/5mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 19 22:06:08 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	209761	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.067	117	168904	50.000	ug/L	0.02
58) 1,4-Dichlorobenzene-d4	12.037	152	91785	50.000	ug/L	# 0.02
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.374	65	76863	46.718	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	93.440%		
7) Chloroethane-d5	1.648	69	28696	23.597	ug/L	-0.02
Spiked Amount 50.000	Range 70 - 130		Recovery =	47.200%#		
11) 1,1-Dichloroethene-d2	2.288	65	35390	49.003	ug/L	-0.02
Spiked Amount 50.000	Range 60 - 125		Recovery =	98.000%		
21) 2-Butanone-d5	4.483	46	123853	83.163	ug/L	0.04
Spiked Amount 100.000	Range 40 - 130		Recovery =	83.160%		
24) Chloroform-d	5.056	84	130531	44.818	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	89.640%		
26) 1,2-Dichloroethane-d4	5.952	65	97210	51.537	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	103.080%		
32) Benzene-d6	5.971	84	289272	55.494	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	110.980%		
36) 1,2-Dichloropropane-d6	7.306	67	88796	52.932	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	105.860%		
41) Toluene-d8	8.647	98	245492	51.968	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	103.940%		
43) trans-1,3-Dichloroprop...	8.952	79	36438	42.683	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	85.360%		
47) 2-Hexanone-d5	9.403	63	96993	96.804	ug/L	0.02
Spiked Amount 100.000	Range 45 - 130		Recovery =	96.800%		
56) 1,1,2,2-Tetrachloroeth...	11.195	84	115966	48.730	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	97.460%		
66) 1,2-Dichlorobenzene-d4	12.323	152	82584	47.602	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	95.200%		
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.294	96	956	0.707	ug/L #	1
13) Acetone	2.404	43	4768	3.333	ug/L	70
15) Methyl Acetate	2.715	43	10436	5.103	ug/L	93
25) Chloroform	5.093	83	5436	1.936	ug/L	92
27) 1,2-Dichloroethane	6.038	62	28968	13.071	ug/L #	73
33) Benzene	6.038	78	3032690	564.996	ug/L	100
37) 1,2-Dichloropropane	7.312	63	10122	6.799	ug/L #	89
44) trans-1,3-Dichloropropene	8.952	75	2004	0.910	ug/L	99
48) 2-Hexanone	9.403	43	12549	6.010	ug/L #	67
64) 1,3-Dichlorobenzene	11.976	146	1250772	435.711	ug/L	97
65) 1,4-Dichlorobenzene	12.067	146	14658340	5039.096	ug/L	85
67) 1,2-Dichlorobenzene	12.341	146	2126808	774.512	ug/L	96
68) 1,2-Dibromo-3-chloropr...	13.061	75	25179	40.125	ug/L #	12
69) 1,3,5-Trichlorobenzene	13.116	180	42191	22.224	ug/L	99
70) 1,2,4-trichlorobenzene	13.591	180	615419	343.869	ug/L	98
72) 1,2,3-Trichlorobenzene	13.963	180	361605	208.670	ug/L	98

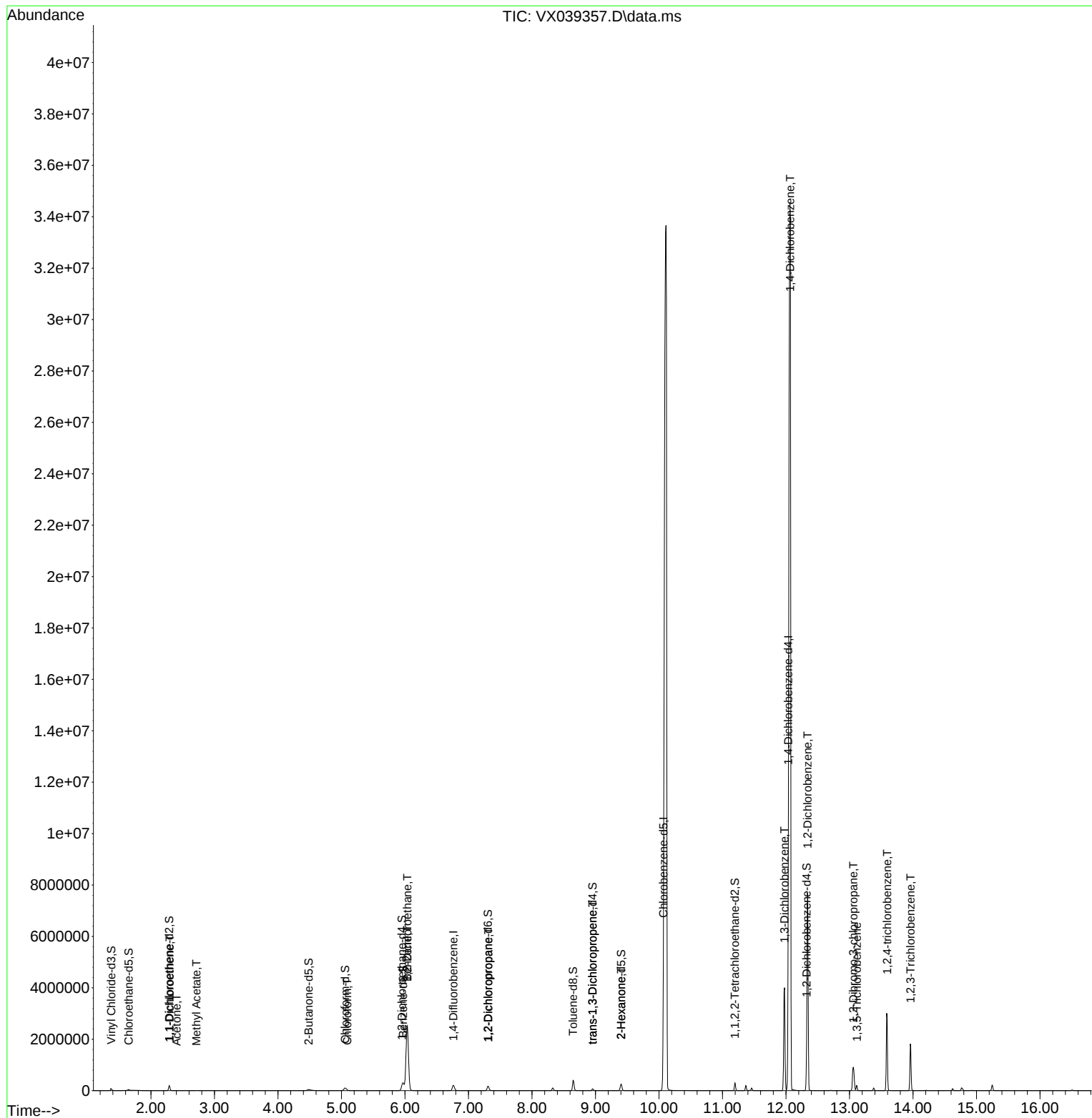
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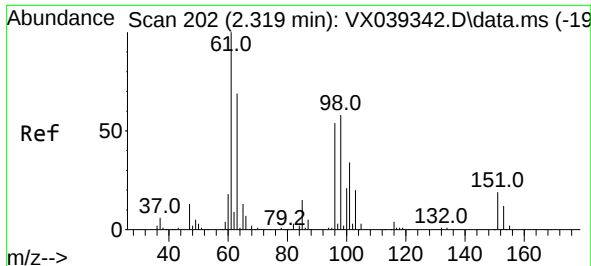
Instrument :
MSVOA_X
ClientSampleId :

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121923\
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MSVOA_X
ClientSampleId :

Quant Time: Dec 19 22:06:08 2023
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





#12

1,1-Dichloroethene

Concen: 0.707 ug/L

RT: 2.294 min Scan# 198

Delta R.T. -0.024 min

Lab File: VX039357.D

Acq: 19 Dec 2023 15:33

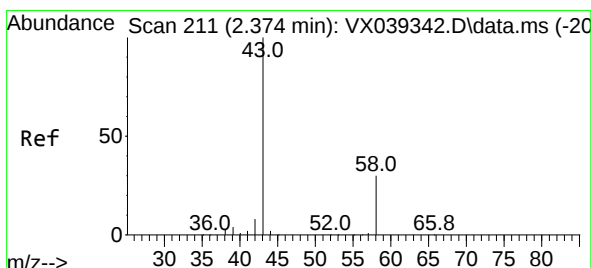
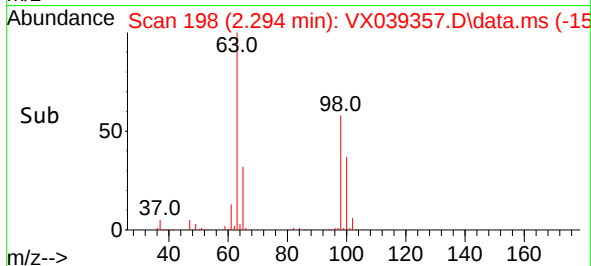
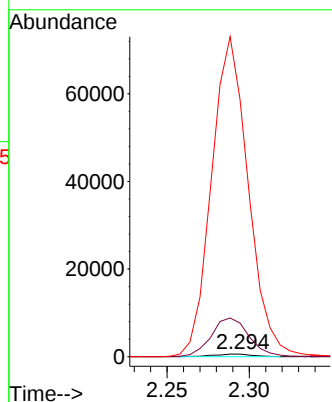
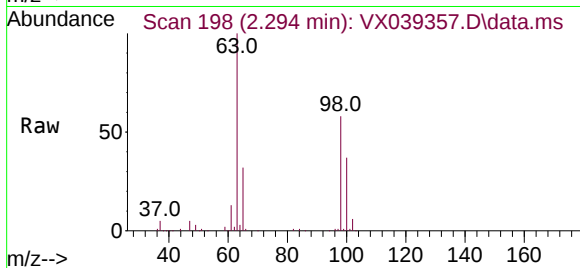
Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion: 96 Resp: 956

Ion	Ratio	Lower	Upper
96	100		
61	1312.8	128.0	237.6#
63	10040.3	101.5	188.5#



#13

Acetone

Concen: 3.333 ug/L

RT: 2.404 min Scan# 216

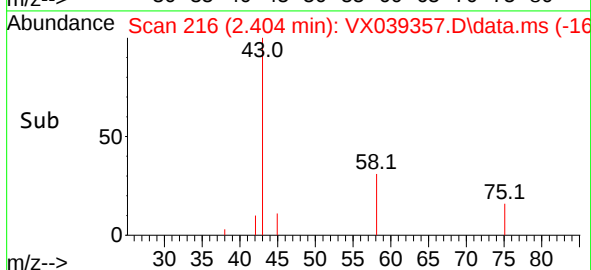
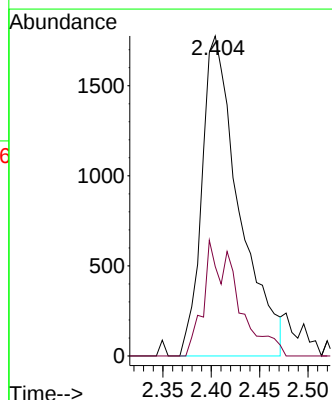
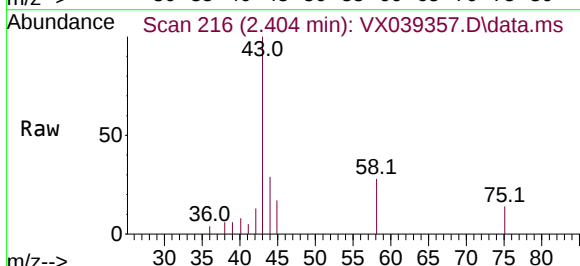
Delta R.T. 0.031 min

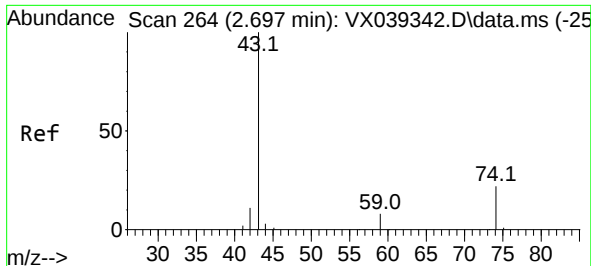
Lab File: VX039357.D

Acq: 19 Dec 2023 15:33

Tgt Ion: 43 Resp: 4768

Ion	Ratio	Lower	Upper
43	100		
58	16.0	0.0	65.8

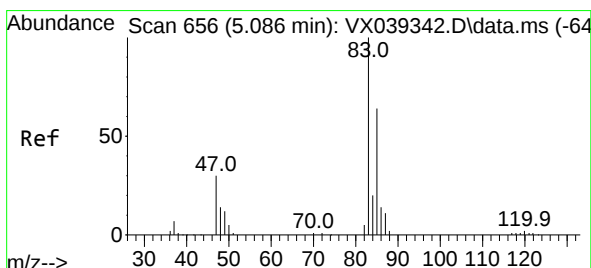
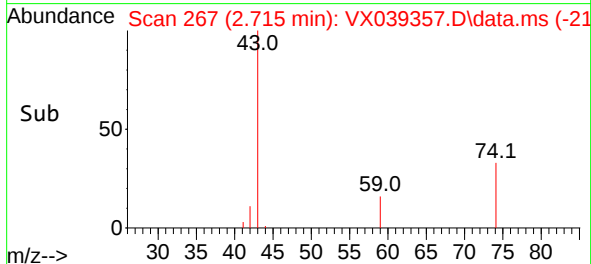
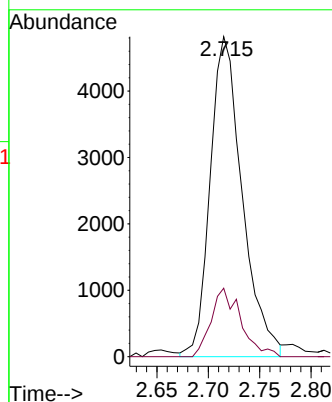
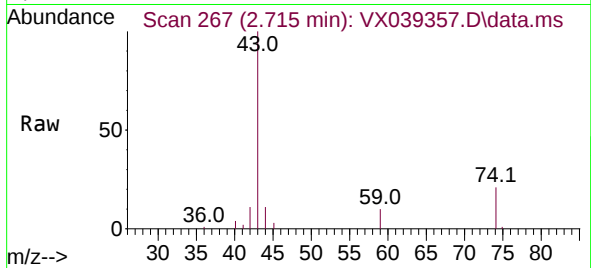




#15
Methyl Acetate
Concen: 5.103 ug/L
RT: 2.715 min Scan# 20
Delta R.T. 0.018 min
Lab File: VX039357.D
Acq: 19 Dec 2023 15:33

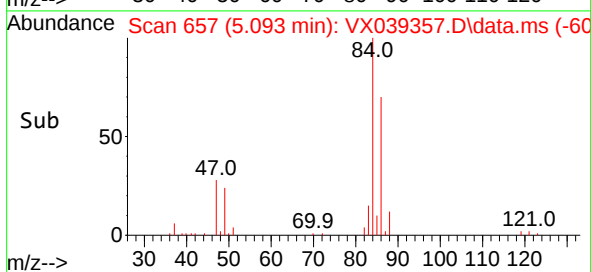
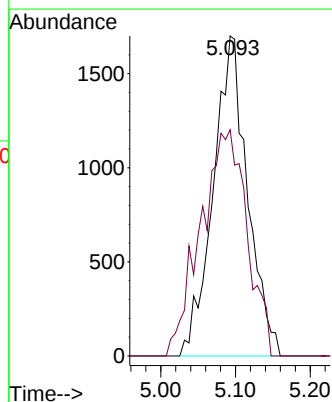
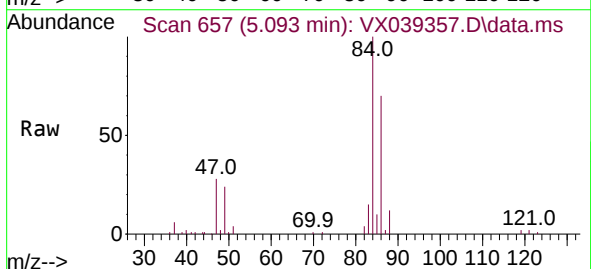
Instrument :
MSVOA_X
ClientSampleId :

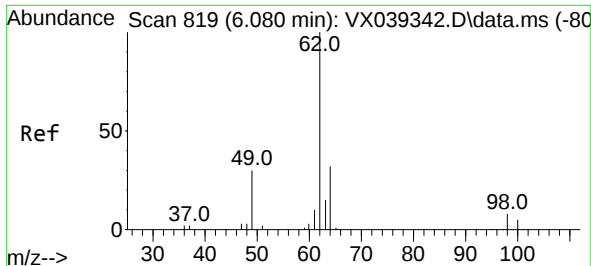
Tgt Ion: 43 Resp: 10436
Ion Ratio Lower Upper
43 100
74 19.2 18.2 27.4



#25
Chloroform
Concen: 1.936 ug/L
RT: 5.093 min Scan# 657
Delta R.T. 0.006 min
Lab File: VX039357.D
Acq: 19 Dec 2023 15:33

Tgt Ion: 83 Resp: 5436
Ion Ratio Lower Upper
83 100
85 70.7 45.1 83.7





#27

1,2-Dichloroethane

Concen: 13.071 ug/L

RT: 6.038 min Scan# 81

Delta R.T. -0.043 min

Lab File: VX039357.D

Acq: 19 Dec 2023 15:33

Instrument :

MSVOA_X

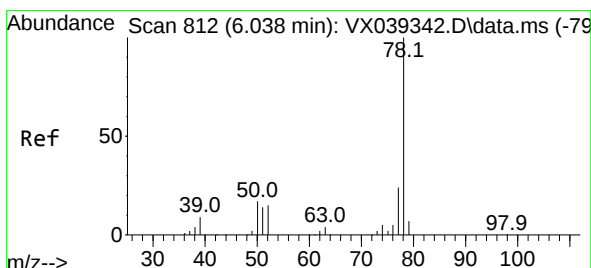
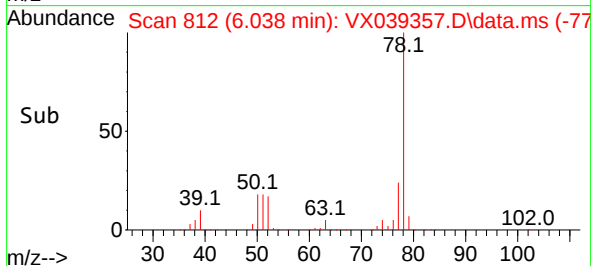
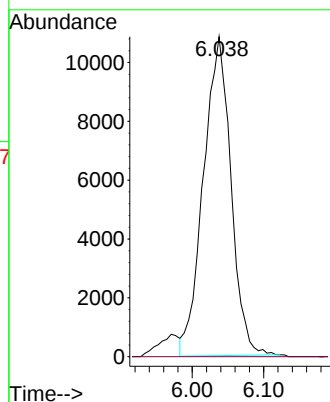
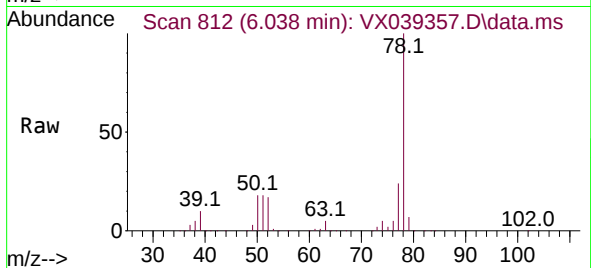
ClientSampleId :

Tgt Ion: 62 Resp: 28968

Ion Ratio Lower Upper

62 100

98 0.0 8.0 12.0#



#33

Benzene

Concen: 564.996 ug/L

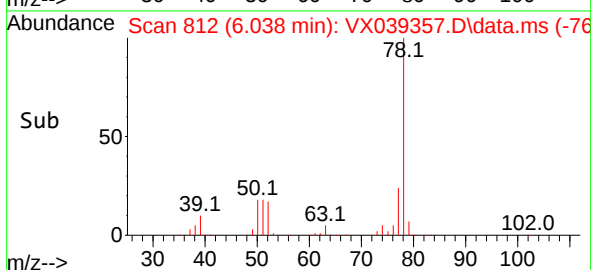
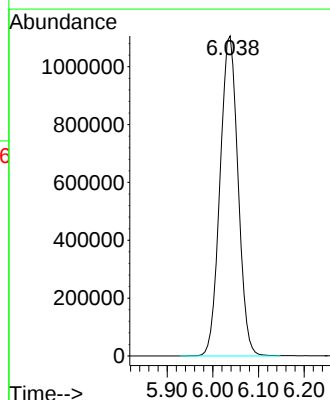
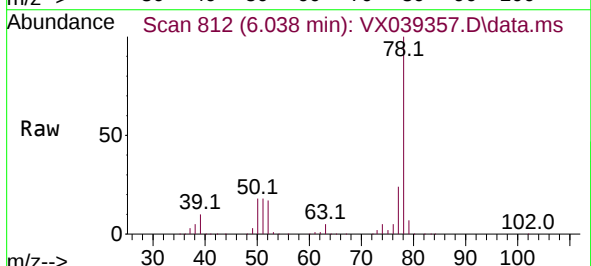
RT: 6.038 min Scan# 812

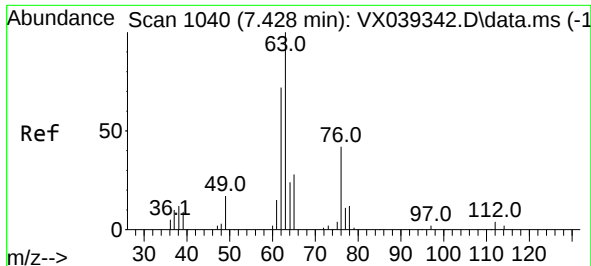
Delta R.T. 0.000 min

Lab File: VX039357.D

Acq: 19 Dec 2023 15:33

Tgt Ion: 78 Resp: 3032690





#37

1,2-Dichloropropane

Concen: 6.799 ug/L

RT: 7.312 min Scan# 1040

Delta R.T. -0.116 min

Lab File: VX039357.D

Acq: 19 Dec 2023 15:33

Instrument :

MSVOA_X

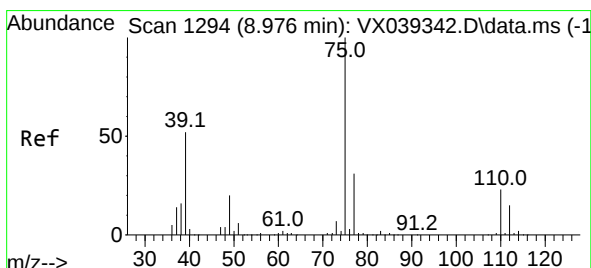
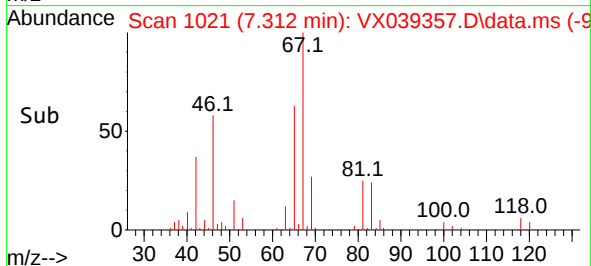
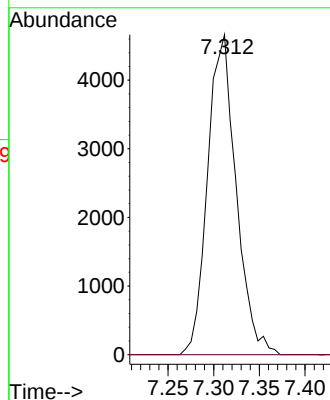
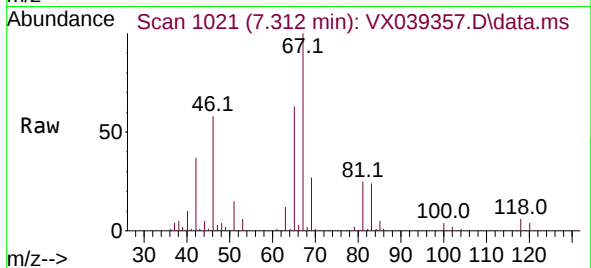
ClientSampleId :

Tgt Ion: 63 Resp: 10122

Ion Ratio Lower Upper

63 100

112 0.0 2.8 4.2#



#44

trans-1,3-Dichloropropene

Concen: 0.910 ug/L

RT: 8.952 min Scan# 1290

Delta R.T. -0.024 min

Lab File: VX039357.D

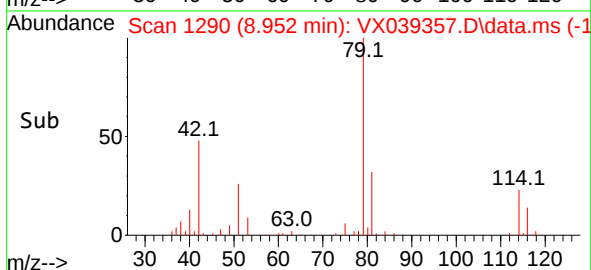
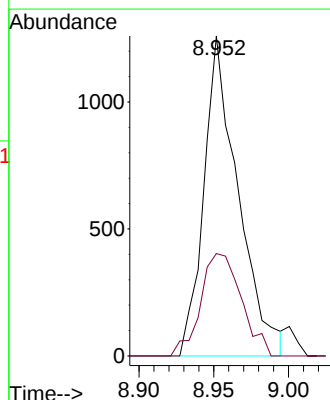
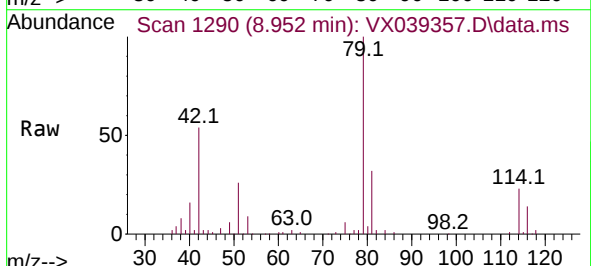
Acq: 19 Dec 2023 15:33

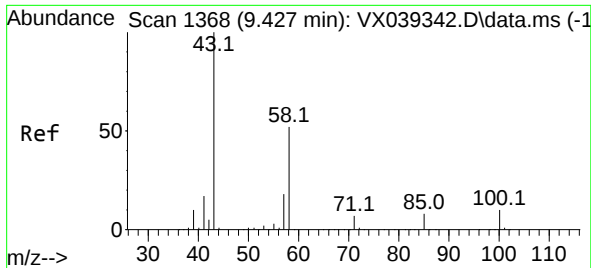
Tgt Ion: 75 Resp: 2004

Ion Ratio Lower Upper

75 100

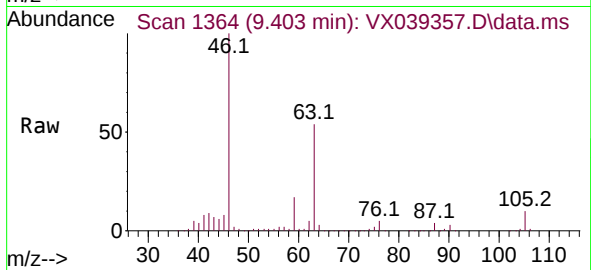
77 32.0 22.0 40.8



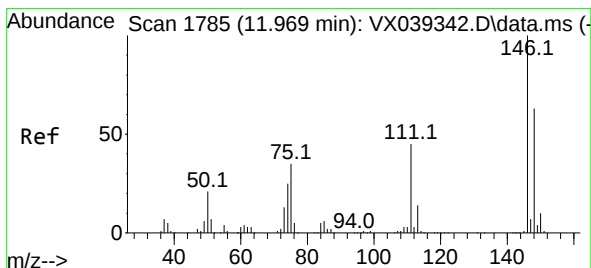
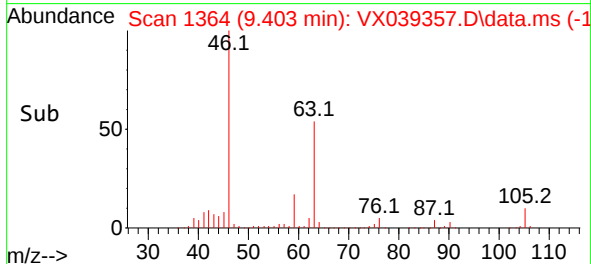
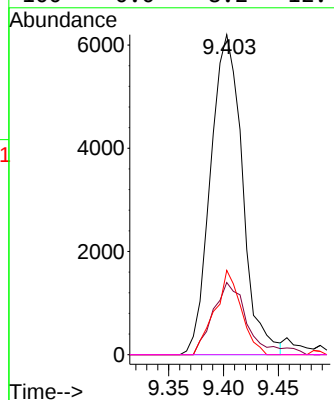


#48
2-Hexanone
Concen: 6.010 ug/L
RT: 9.403 min Scan# 11
Delta R.T. -0.024 min
Lab File: VX039357.D
Acq: 19 Dec 2023 15:33

Instrument :
MSVOA_X
ClientSampleId :

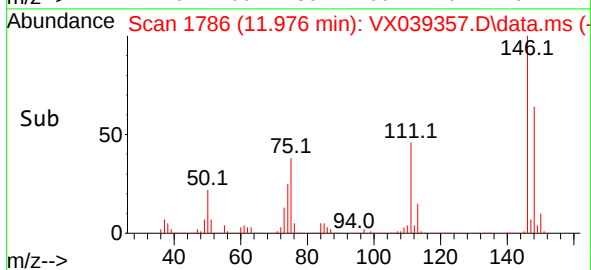
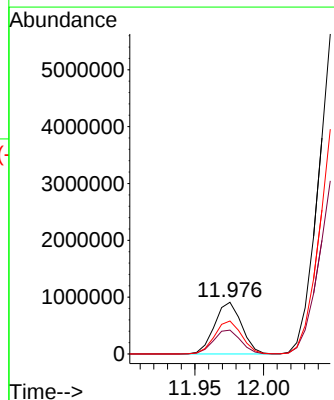
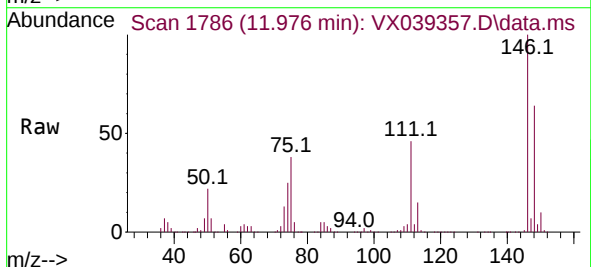


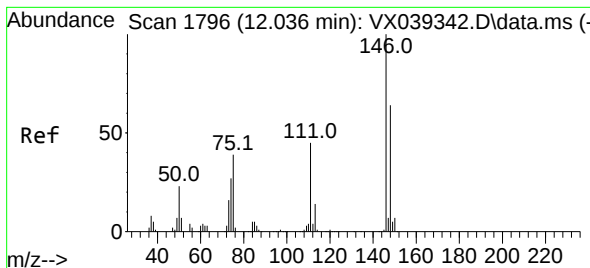
Tgt Ion: 43	Resp: 12549
Ion Ratio	Lower Upper
43 100	
58 23.4	43.0 64.6#
57 21.8	14.6 21.8#
100 0.0	8.2 12.4#



#64
1,3-Dichlorobenzene
Concen: 435.711 ug/L
RT: 11.976 min Scan# 1786
Delta R.T. 0.006 min
Lab File: VX039357.D
Acq: 19 Dec 2023 15:33

Tgt Ion:146	Resp: 1250772		
Ion	Ratio	Lower	Upper
146	100		
111	46.1	30.0	55.6
148	63.8	44.2	82.0





#65

1,4-Dichlorobenzene

Concen: 5039.096 ug/L

RT: 12.067 min Scan# 11

Delta R.T. 0.031 min

Lab File: VX039357.D

Acq: 19 Dec 2023 15:33

Instrument :

MSVOA_X

ClientSampleId :

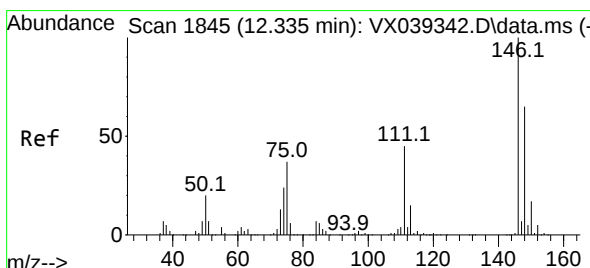
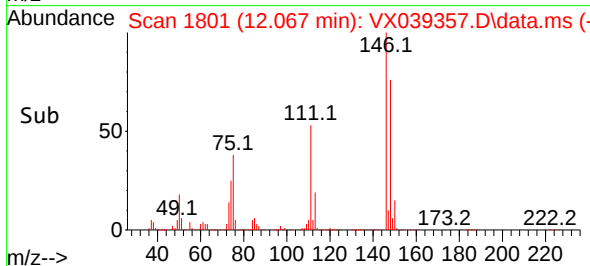
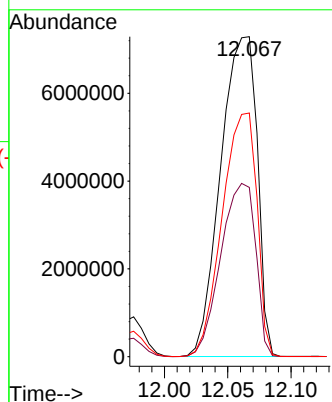
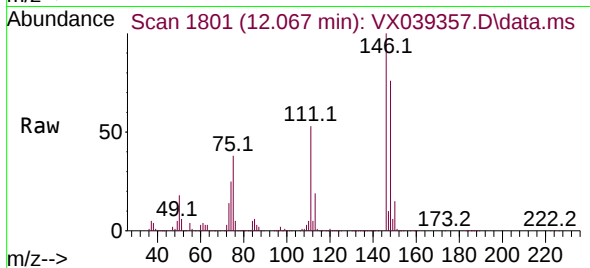
Tgt Ion:146 Resp:14658340

Ion Ratio Lower Upper

146 100

111 52.9 29.7 55.1

148 76.2 45.8 85.2



#67

1,2-Dichlorobenzene

Concen: 774.512 ug/L

RT: 12.341 min Scan# 1846

Delta R.T. 0.006 min

Lab File: VX039357.D

Acq: 19 Dec 2023 15:33

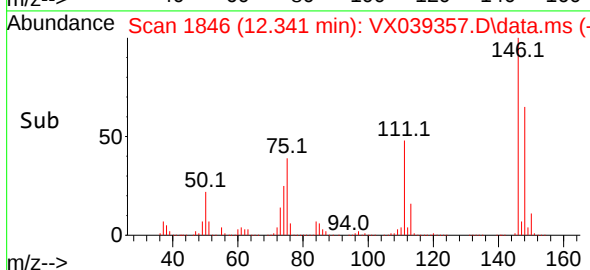
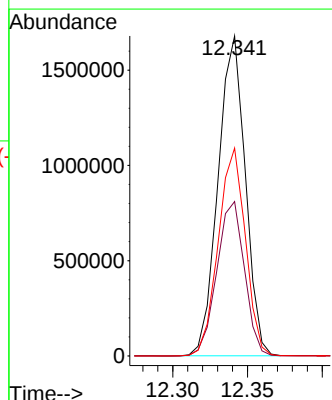
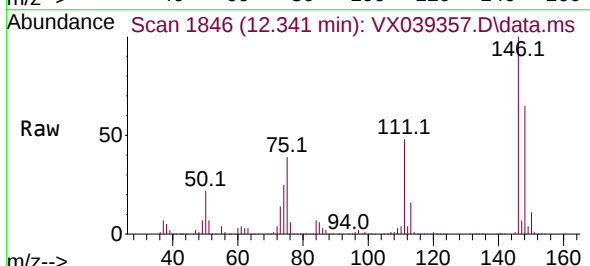
Tgt Ion:146 Resp: 2126808

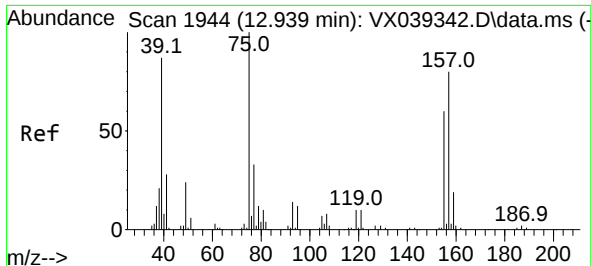
Ion Ratio Lower Upper

146 100

111 48.2 36.4 54.6

148 65.0 50.0 75.0





#68

1,2-Dibromo-3-chloropropane

Concen: 40.125 ug/L

RT: 13.061 min Scan# 1944

Delta R.T. 0.122 min

Lab File: VX039357.D

Acq: 19 Dec 2023 15:33

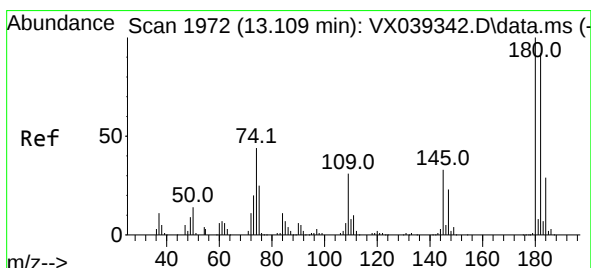
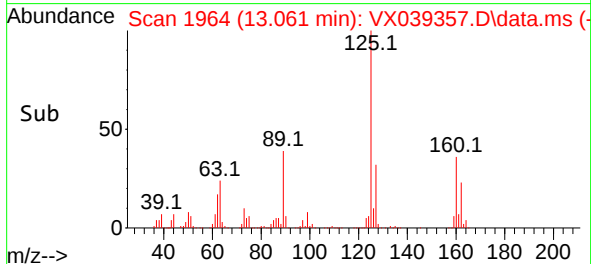
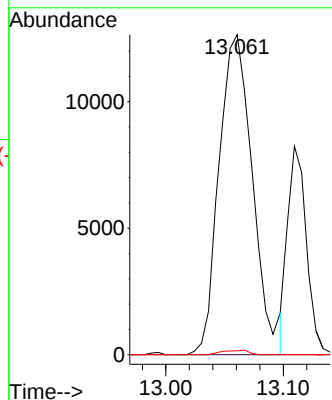
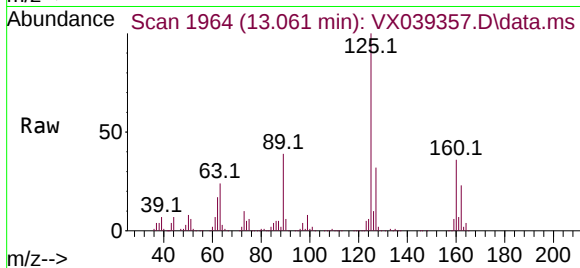
Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion: 75 Resp: 25179

Ion	Ratio	Lower	Upper
75	100		
155	0.0	52.3	78.5#
157	1.2	68.7	103.1#



#69

1,3,5-Trichlorobenzene

Concen: 22.224 ug/L

RT: 13.116 min Scan# 1973

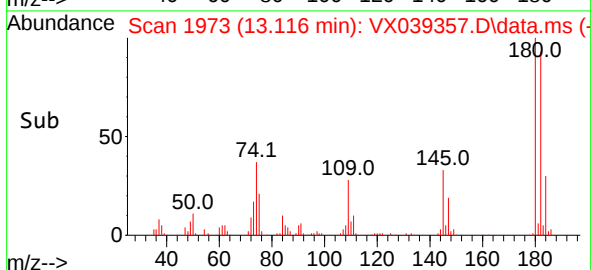
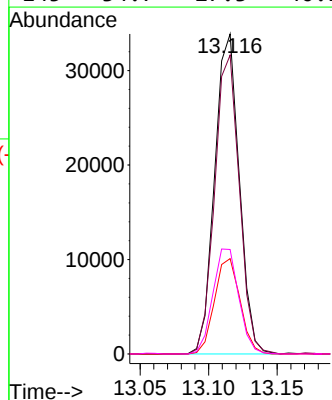
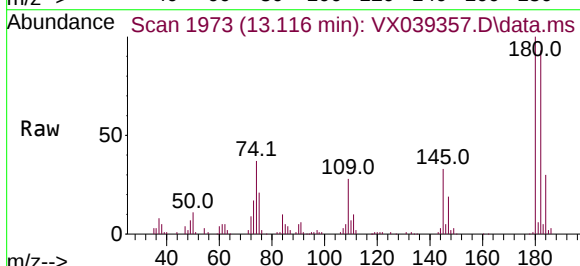
Delta R.T. 0.006 min

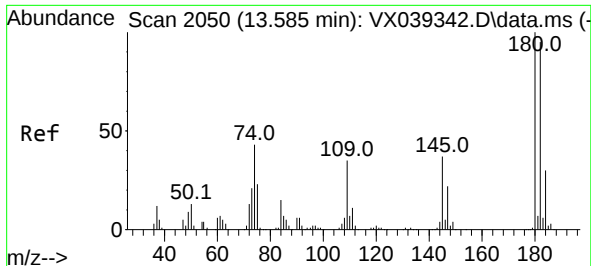
Lab File: VX039357.D

Acq: 19 Dec 2023 15:33

Tgt Ion:180 Resp: 42191

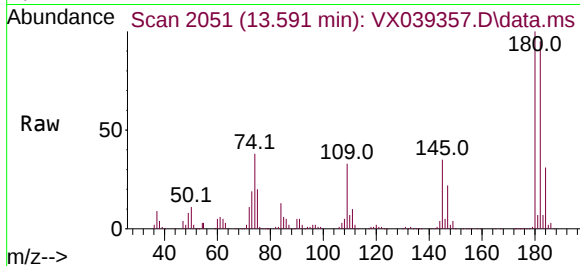
Ion	Ratio	Lower	Upper
180	100		
182	93.8	76.1	114.1
184	31.0	24.1	36.1
145	34.7	27.3	40.9



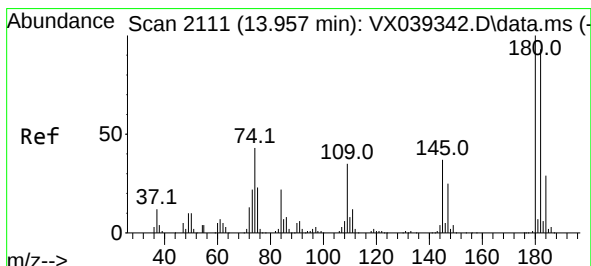
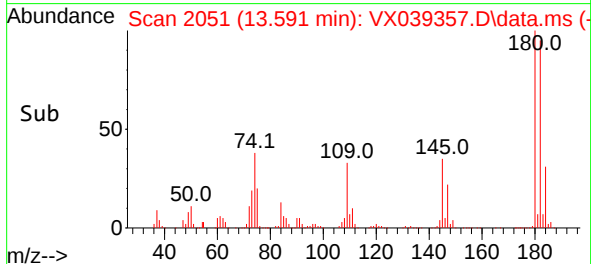
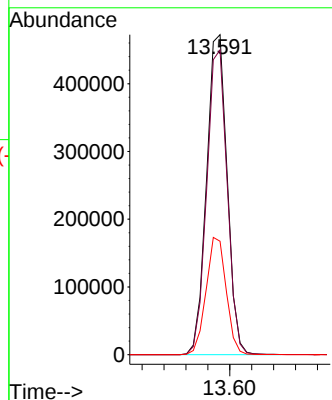


#70
1,2,4-trichlorobenzene
Concen: 343.869 ug/L
RT: 13.591 min Scan# 2051
Delta R.T. 0.006 min
Lab File: VX039357.D
Acq: 19 Dec 2023 15:33

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion:180 Resp: 615419
Ion Ratio Lower Upper
180 100
182 94.7 76.8 115.2
145 36.0 27.8 41.6



#72
1,2,3-Trichlorobenzene
Concen: 208.670 ug/L
RT: 13.963 min Scan# 2112
Delta R.T. 0.006 min
Lab File: VX039357.D
Acq: 19 Dec 2023 15:33

Tgt Ion:180 Resp: 361605
Ion Ratio Lower Upper
180 100
182 96.8 75.9 113.9
145 37.6 28.6 42.8

