

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121923\
 Data File : VX039355.D
 Acq On : 19 Dec 2023 14:48
 Operator : JC/MD
 Sample : 05835-20
 Misc : 3.06g/5mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 19 22:05:40 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)

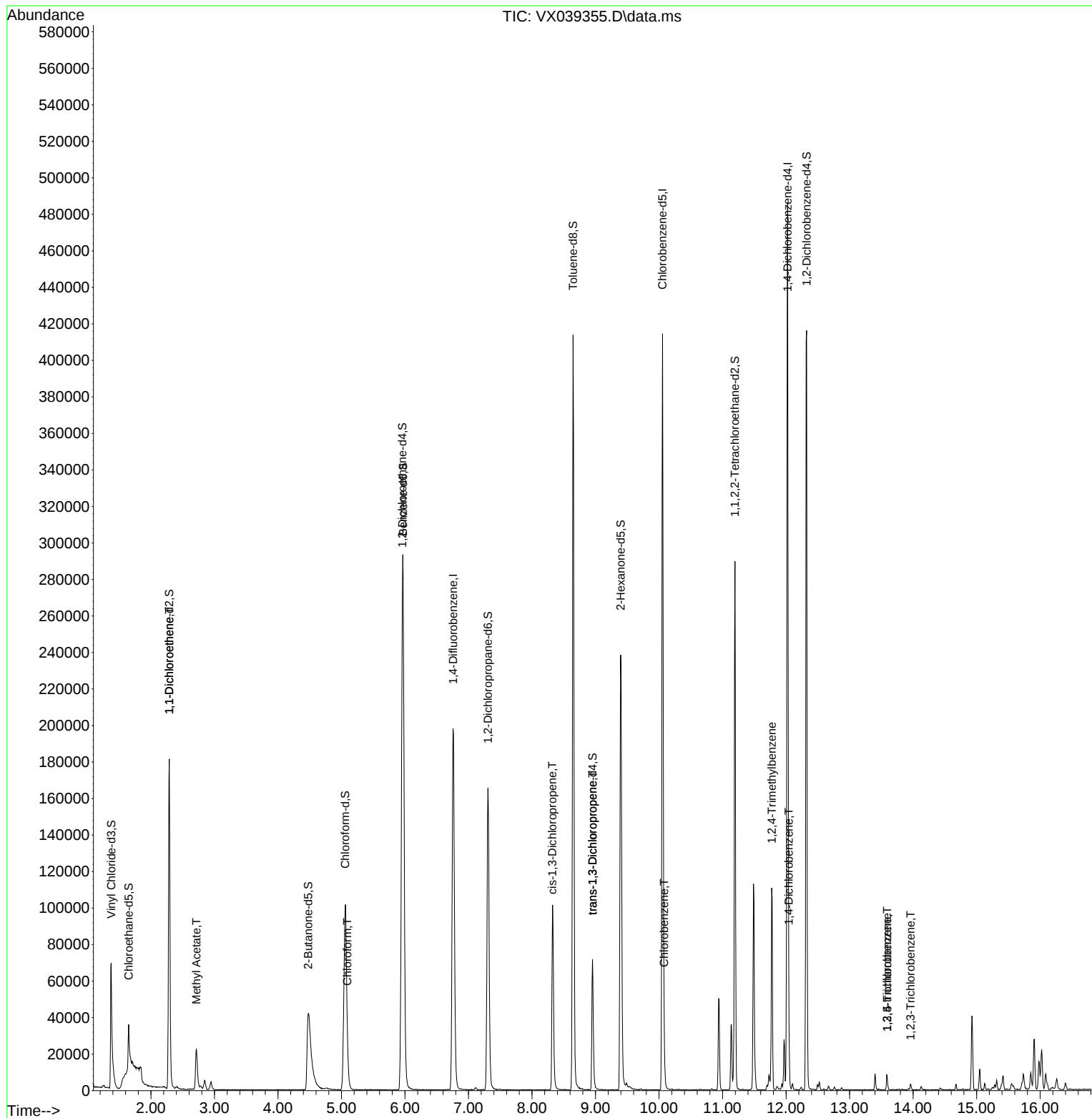
Internal Standards						
1) 1,4-Difluorobenzene	6.757	114	202017	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	179424	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	89438	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.374	65	72183	45.555	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	91.120%
7) Chloroethane-d5	1.648	69	22486	19.199	ug/L	-0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	38.400%#
11) 1,1-Dichloroethene-d2	2.288	65	33972	48.843	ug/L	-0.02
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.680%
21) 2-Butanone-d5	4.477	46	119137	83.063	ug/L	0.04
Spiked Amount	100.000	Range	40 - 130	Recovery	=	83.060%
24) Chloroform-d	5.056	84	125225	44.644	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.280%
26) 1,2-Dichloroethane-d4	5.958	65	93832	51.653	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.300%
32) Benzene-d6	5.970	84	274016	49.485	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.960%
36) 1,2-Dichloropropane-d6	7.306	67	85839	48.169	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.340%
41) Toluene-d8	8.647	98	238926	47.612	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.220%
43) trans-1,3-Dichloroprop...	8.952	79	36170	39.885	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.780%
47) 2-Hexanone-d5	9.397	63	86810	81.561	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	81.560%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	110836	43.844	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	87.680%
66) 1,2-Dichlorobenzene-d4	12.323	152	78968	46.712	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.420%
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.288	96	894	0.687	ug/L #	1
15) Methyl Acetate	2.715	43	31128	15.805	ug/L	98
25) Chloroform	5.093	83	6714	2.483	ug/L	86
39) cis-1,3-Dichloropropene	8.318	75	2713	1.076	ug/L	84
44) trans-1,3-Dichloropropene	8.952	75	2032	0.868	ug/L	97
51) Chlorobenzene	10.079	112	6509	1.743	ug/L	92
63) 1,2,4-Trimethylbenzene	11.774	105	3849	0.711	ug/L #	47
65) 1,4-Dichlorobenzene	12.043	146	8483	2.993	ug/L	96
69) 1,3,5-Trichlorobenzene	13.591	180	1914	1.035	ug/L	96
70) 1,2,4-trichlorobenzene	13.591	180	1914	1.098	ug/L	94
72) 1,2,3-Trichlorobenzene	13.963	180	880	0.521	ug/L	93

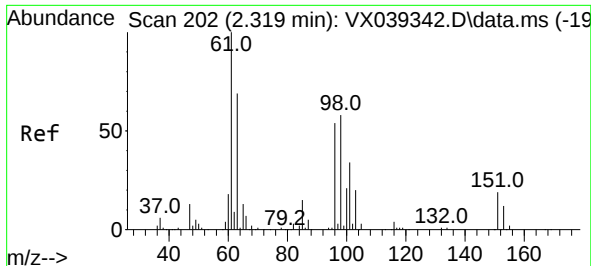
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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





#12

1,1-Dichloroethene

Concen: 0.687 ug/L

RT: 2.288 min Scan# 197

Delta R.T. -0.030 min

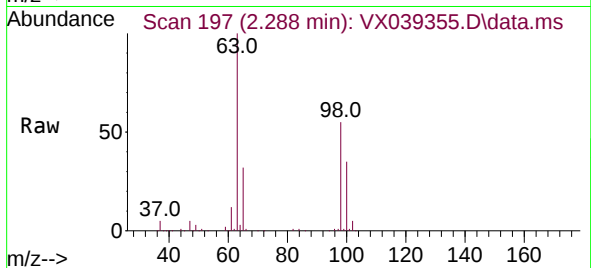
Lab File: VX039355.D

Acq: 19 Dec 2023 14:48

Instrument :

MSVOA_X

ClientSampleId :



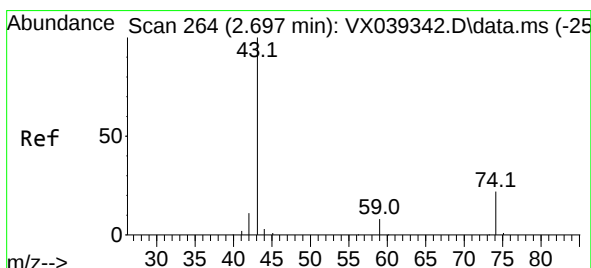
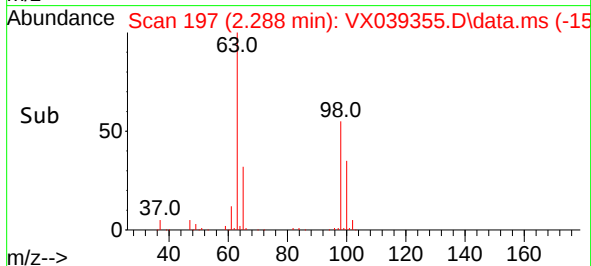
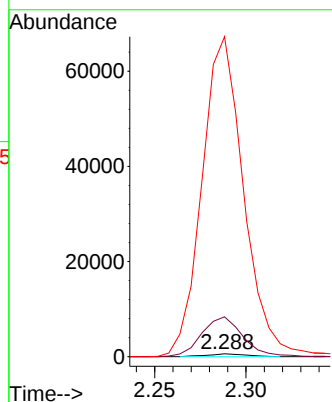
Tgt Ion: 96 Resp: 894

Ion Ratio Lower Upper

96 100

61 1363.0 128.0 237.6#

63 10956.4 101.5 188.5#



#15

Methyl Acetate

Concen: 15.805 ug/L

RT: 2.715 min Scan# 267

Delta R.T. 0.018 min

Lab File: VX039355.D

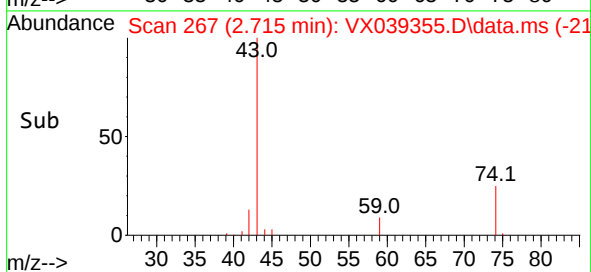
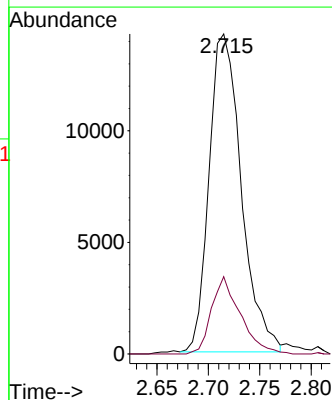
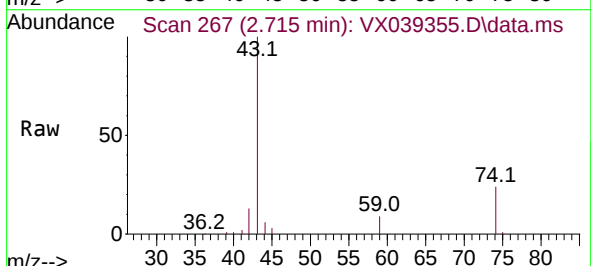
Acq: 19 Dec 2023 14:48

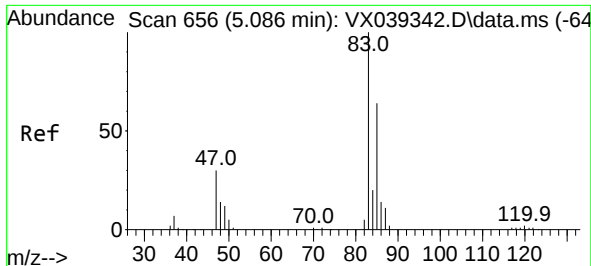
Tgt Ion: 43 Resp: 31128

Ion Ratio Lower Upper

43 100

74 21.7 18.2 27.4

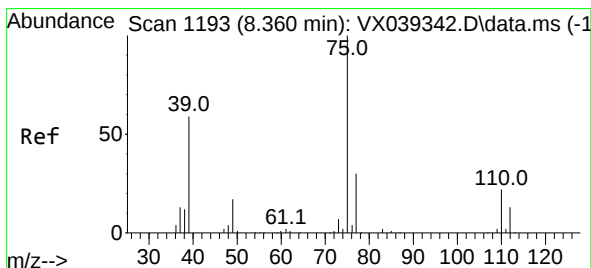
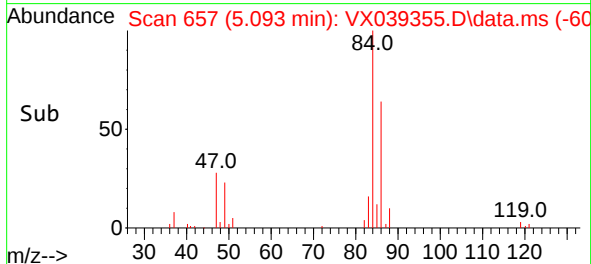
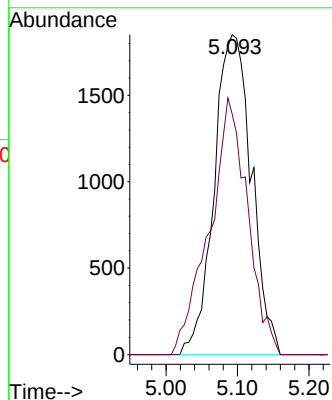
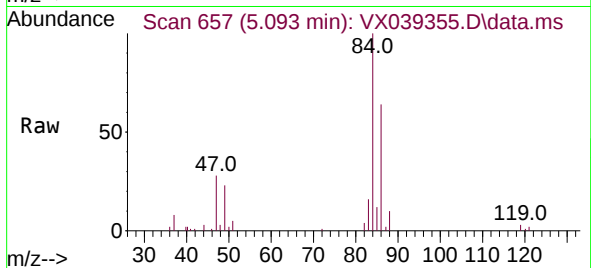




#25
Chloroform
Concen: 2.483 ug/L
RT: 5.093 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX039355.D
Acq: 19 Dec 2023 14:48

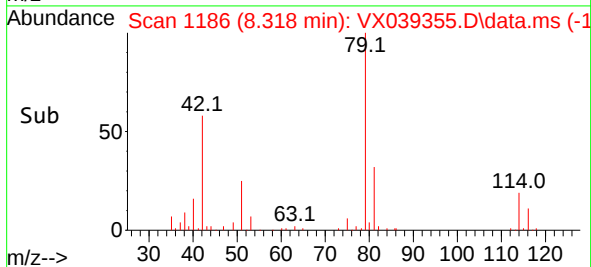
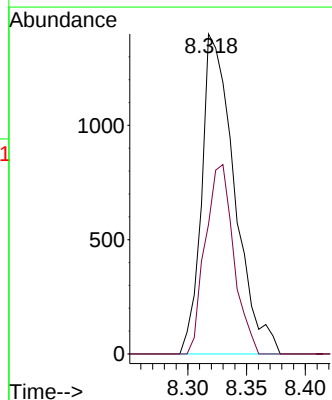
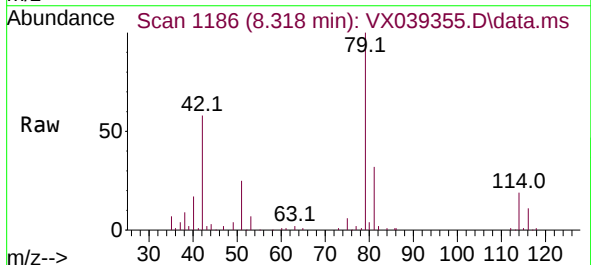
Instrument :
MSVOA_X
ClientSampleId :

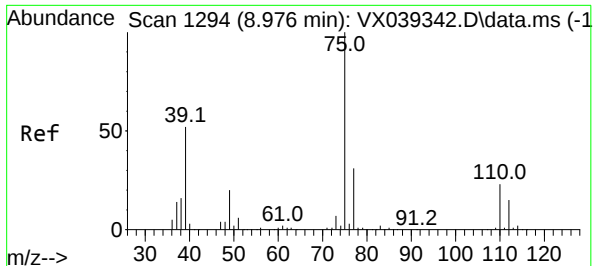
Tgt Ion: 83 Resp: 6714
Ion Ratio Lower Upper
83 100
85 75.1 45.1 83.7



#39
cis-1,3-Dichloropropene
Concen: 1.076 ug/L
RT: 8.318 min Scan# 1186
Delta R.T. -0.043 min
Lab File: VX039355.D
Acq: 19 Dec 2023 14:48

Tgt Ion: 75 Resp: 2713
Ion Ratio Lower Upper
75 100
77 40.5 22.0 40.8

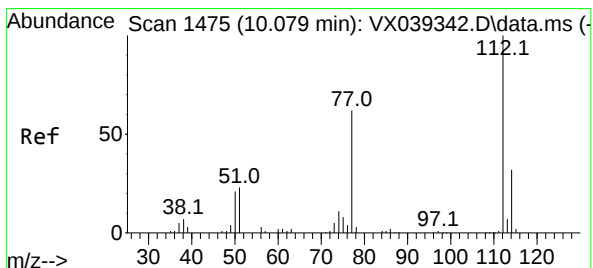
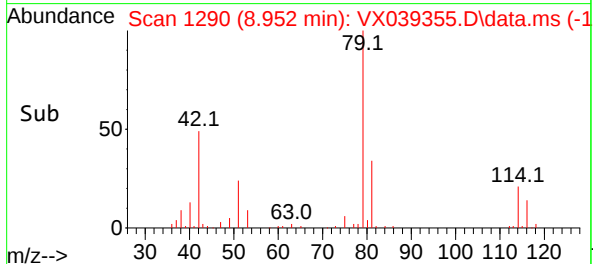
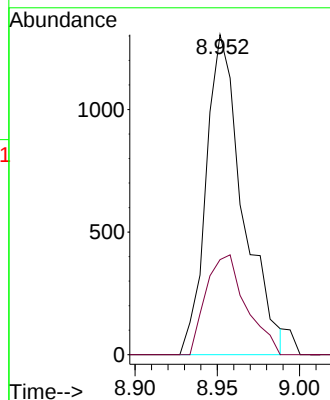
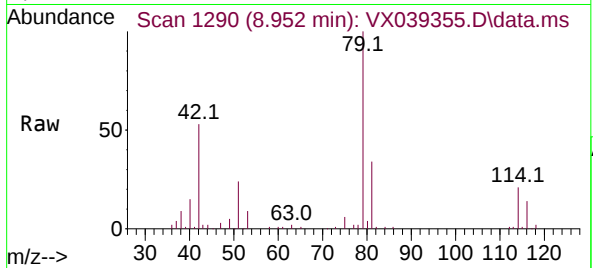




#44
trans-1,3-Dichloropropene
Concen: 0.868 ug/L
RT: 8.952 min Scan# 11
Delta R.T. -0.024 min
Lab File: VX039355.D
Acq: 19 Dec 2023 14:48

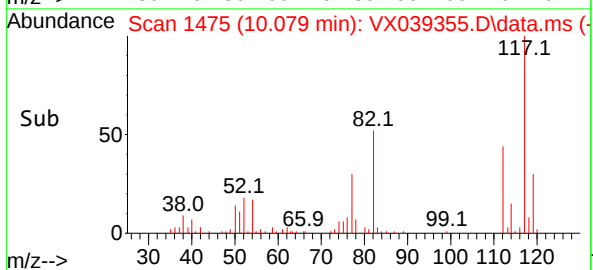
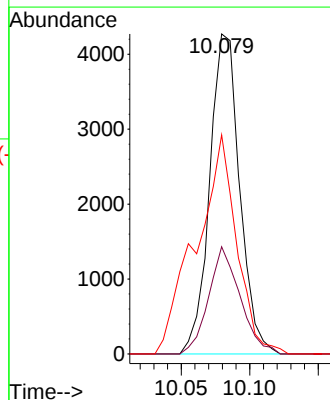
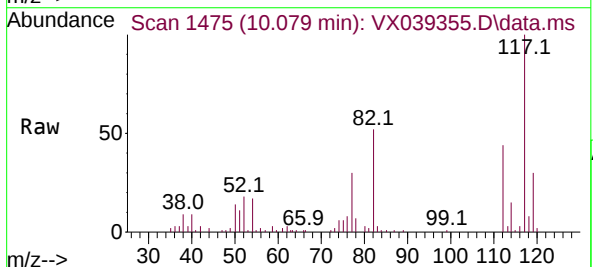
Instrument :
MSVOA_X
ClientSampleId :

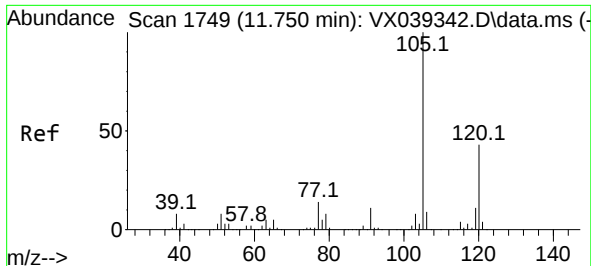
Tgt Ion: 75 Resp: 2032
Ion Ratio Lower Upper
75 100
77 29.7 22.0 40.8



#51
Chlorobenzene
Concen: 1.743 ug/L
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX039355.D
Acq: 19 Dec 2023 14:48

Tgt Ion: 112 Resp: 6509
Ion Ratio Lower Upper
112 100
114 33.5 21.8 40.4
77 68.4 49.0 73.6





#63

1,2,4-Trimethylbenzene

Concen: 0.711 ug/L

RT: 11.774 min Scan# 11

Delta R.T. 0.024 min

Lab File: VX039355.D

Acq: 19 Dec 2023 14:48

Instrument :

MSVOA_X

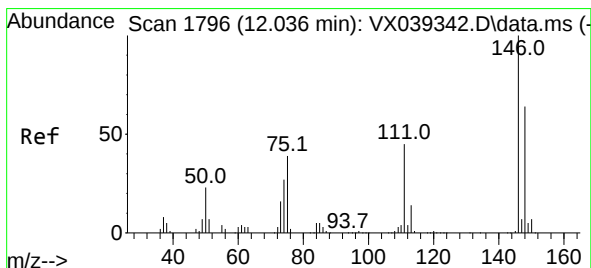
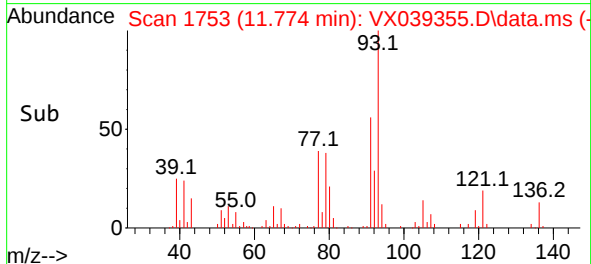
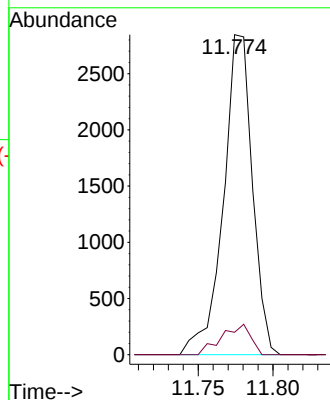
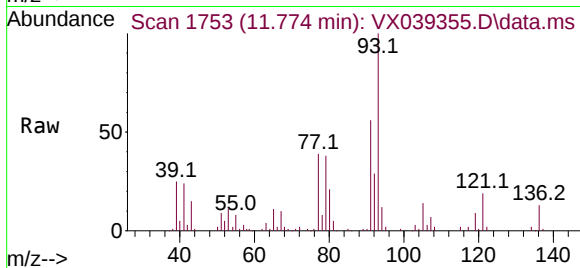
ClientSampleId :

Tgt Ion:105 Resp: 3849

Ion Ratio Lower Upper

105 100

120 9.5 34.9 52.3#



#65

1,4-Dichlorobenzene

Concen: 2.993 ug/L

RT: 12.043 min Scan# 1797

Delta R.T. 0.006 min

Lab File: VX039355.D

Acq: 19 Dec 2023 14:48

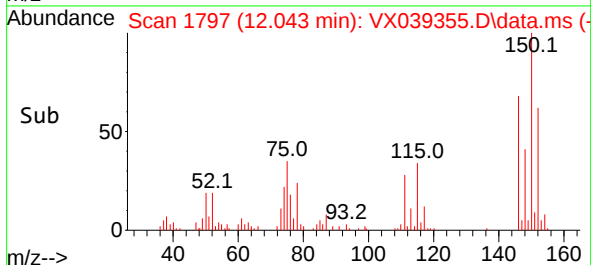
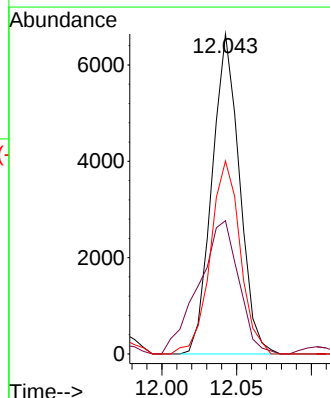
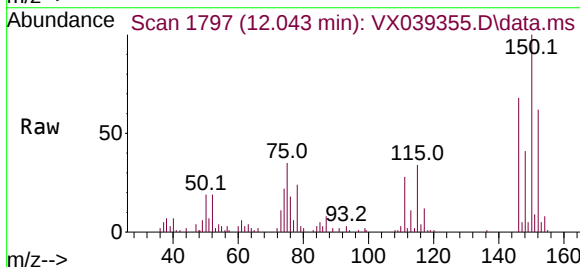
Tgt Ion:146 Resp: 8483

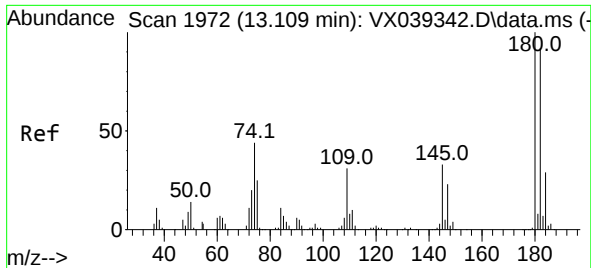
Ion Ratio Lower Upper

146 100

111 41.6 29.7 55.1

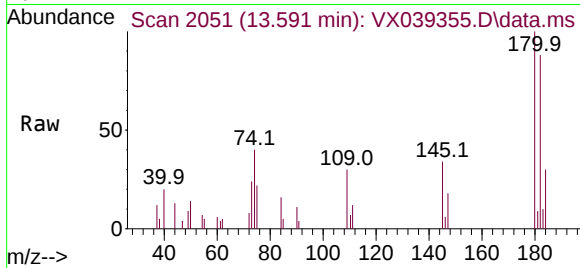
148 60.3 45.8 85.2



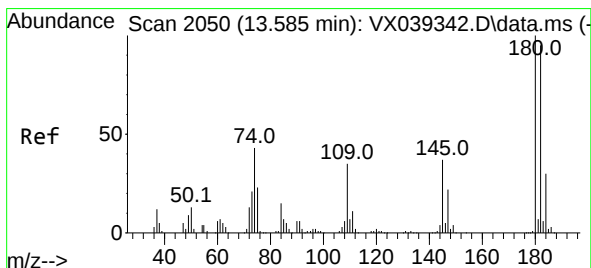
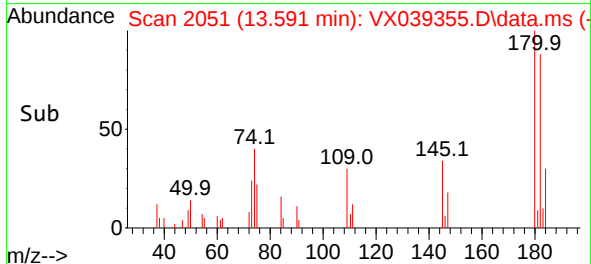
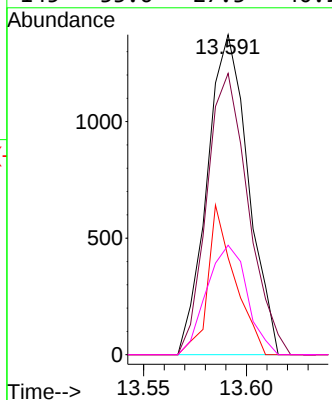


#69
 1,3,5-Trichlorobenzene
 Concen: 1.035 ug/L
 RT: 13.591 min Scan# 2051
 Delta R.T. 0.482 min
 Lab File: VX039355.D
 Acq: 19 Dec 2023 14:48

Instrument :
 MSVOA_X
 ClientSampleId :

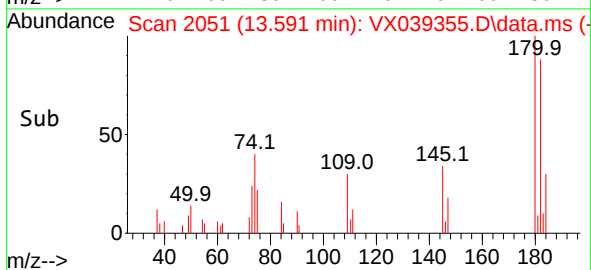
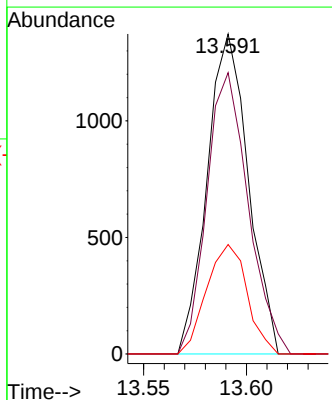
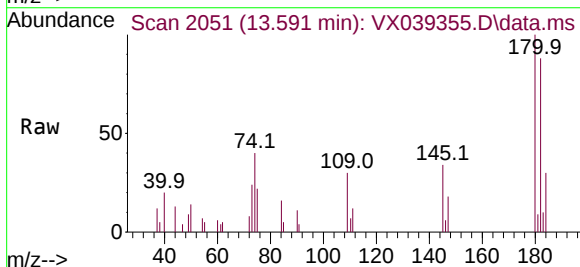


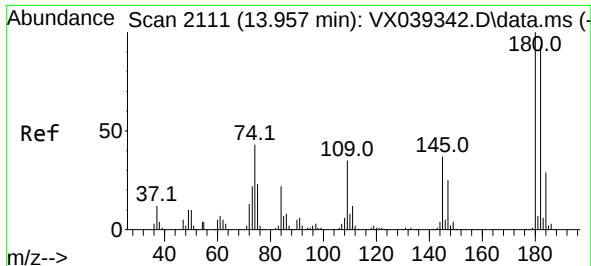
Tgt Ion:180 Resp: 1914
 Ion Ratio Lower Upper
 180 100
 182 88.3 76.1 114.1
 184 30.5 24.1 36.1
 145 33.6 27.3 40.9



#70
 1,2,4-trichlorobenzene
 Concen: 1.098 ug/L
 RT: 13.591 min Scan# 2051
 Delta R.T. 0.006 min
 Lab File: VX039355.D
 Acq: 19 Dec 2023 14:48

Tgt Ion:180 Resp: 1914
 Ion Ratio Lower Upper
 180 100
 182 88.3 76.8 115.2
 145 33.6 27.8 41.6





#72

1,2,3-Trichlorobenzene

Concen: 0.521 ug/L

RT: 13.963 min Scan# 21

Delta R.T. 0.006 min

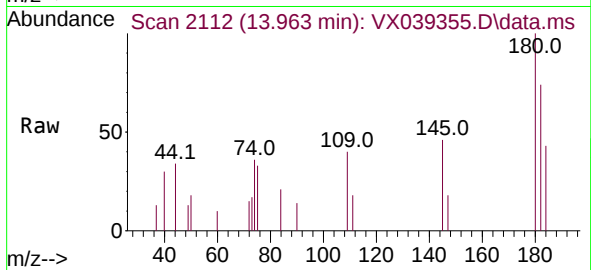
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Acq: 19 Dec 2023 14:48

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:180 Resp: 880

Ion Ratio Lower Upper

180 100

182 85.1 75.9 113.9

145 35.8 28.6 42.8

