

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121923\
 Data File : VX039358.D
 Acq On : 19 Dec 2023 15:56
 Operator : JC/MD
 Sample : 05834-05
 Misc : 3.03g/5mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 19 22:06:26 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)

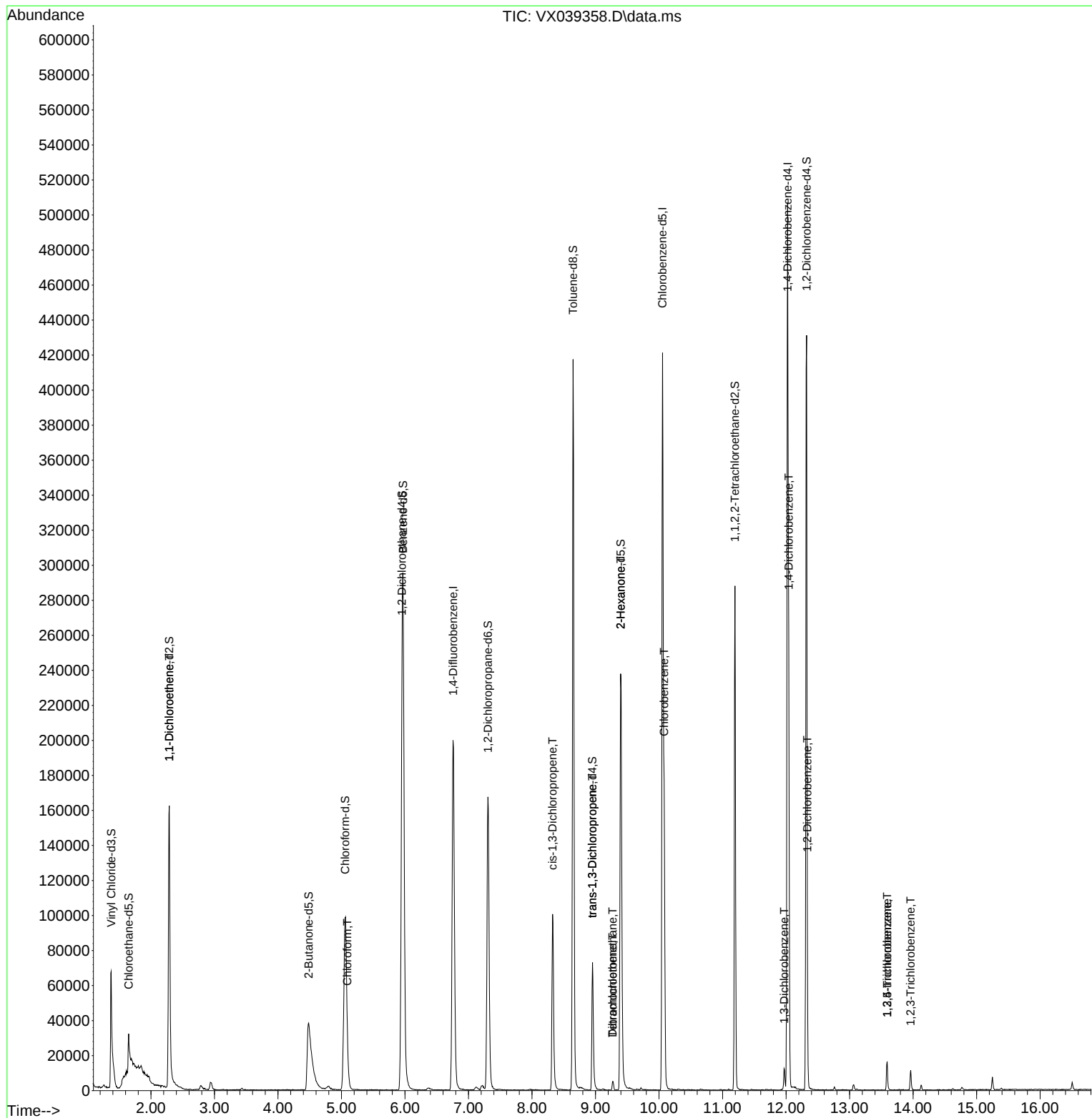
Internal Standards						
1) 1,4-Difluorobenzene	6.757	114	204208	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	182262	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	87925	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.374	65	72549	45.295	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	90.600%
7) Chloroethane-d5	1.648	69	19260	16.268	ug/L	-0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	32.540%#
11) 1,1-Dichloroethene-d2	2.288	65	33662	47.878	ug/L	-0.02
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.760%
21) 2-Butanone-d5	4.483	46	120054	82.804	ug/L	0.04
Spiked Amount	100.000	Range	40 - 130	Recovery	=	82.800%
24) Chloroform-d	5.056	84	130530	46.036	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.080%
26) 1,2-Dichloroethane-d4	5.952	65	97184	52.925	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.840%
32) Benzene-d6	5.970	84	283953	50.481	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.960%
36) 1,2-Dichloropropane-d6	7.306	67	88341	48.801	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.600%
41) Toluene-d8	8.647	98	245555	48.171	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.340%
43) trans-1,3-Dichloroprop...	8.952	79	37308	40.499	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.000%
47) 2-Hexanone-d5	9.397	63	90064	83.301	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	83.300%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	111852	43.556	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	87.120%
66) 1,2-Dichlorobenzene-d4	12.323	152	79124	47.609	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.220%
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.288	96	827	0.629	ug/L #	1
25) Chloroform	5.093	83	4572	1.672	ug/L	88
39) cis-1,3-Dichloropropene	8.324	75	2929	1.143	ug/L	84
44) trans-1,3-Dichloropropene	8.952	75	2023	0.851	ug/L	94
46) Tetrachloroethene	9.269	164	821	0.813	ug/L	97
48) 2-Hexanone	9.397	43	12512	5.553	ug/L #	68
49) Dibromochloromethane	9.269	129	963	0.671	ug/L #	10
51) Chlorobenzene	10.079	112	66990	17.657	ug/L	94
64) 1,3-Dichlorobenzene	11.969	146	3664	1.332	ug/L	98
65) 1,4-Dichlorobenzene	12.043	146	65039	23.340	ug/L	98
67) 1,2-Dichlorobenzene	12.335	146	5323	2.024	ug/L #	90
69) 1,3,5-Trichlorobenzene	13.591	180	3961	2.178	ug/L	98
70) 1,2,4-trichlorobenzene	13.591	180	3961	2.310	ug/L	97
72) 1,2,3-Trichlorobenzene	13.963	180	2704	1.629	ug/L	99

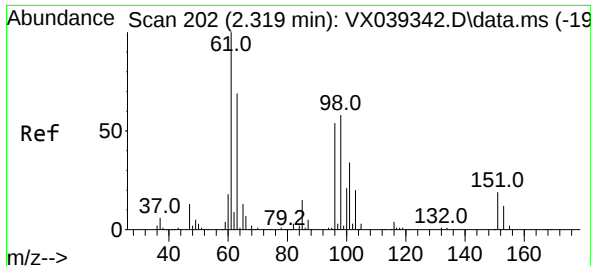
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 0.629 ug/L

RT: 2.288 min Scan# 197

Delta R.T. -0.030 min

Lab File: VX039358.D

Acq: 19 Dec 2023 15:56

Instrument :

MSVOA_X

ClientSampleId :

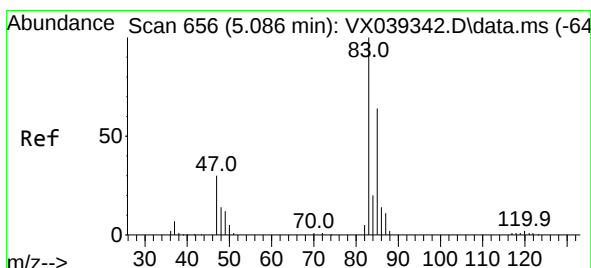
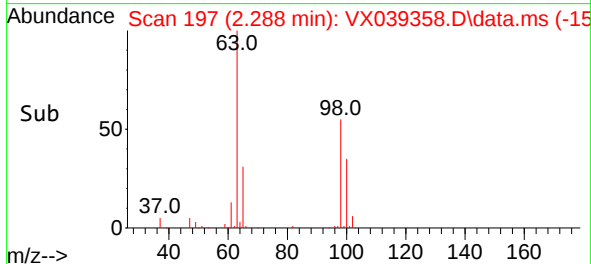
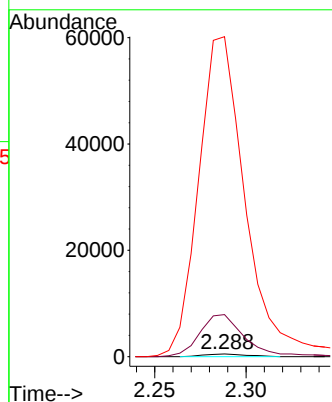
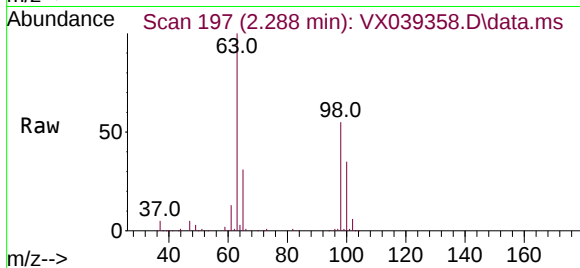
Tgt Ion: 96 Resp: 827

Ion Ratio Lower Upper

96 100

61 1571.6 128.0 237.6#

63 11939.7 101.5 188.5#



#25

Chloroform

Concen: 1.672 ug/L

RT: 5.093 min Scan# 657

Delta R.T. 0.006 min

Lab File: VX039358.D

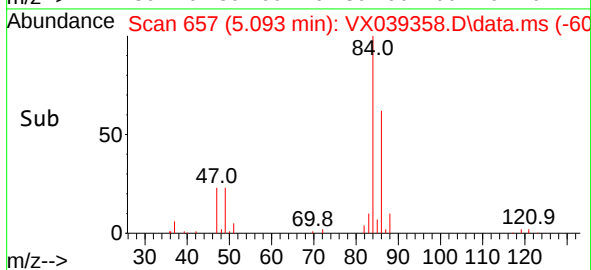
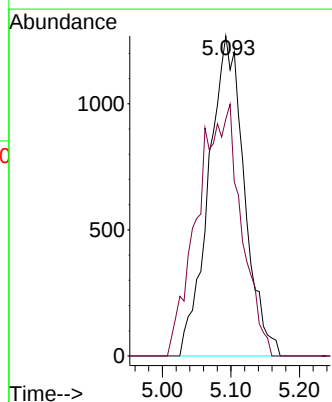
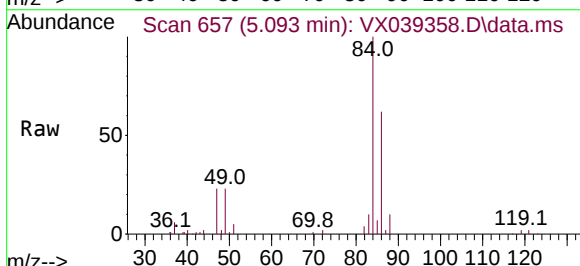
Acq: 19 Dec 2023 15:56

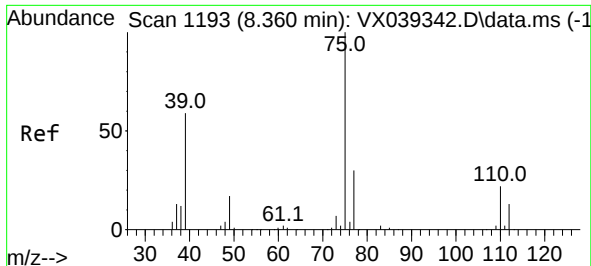
Tgt Ion: 83 Resp: 4572

Ion Ratio Lower Upper

83 100

85 74.0 45.1 83.7





#39

cis-1,3-Dichloropropene

Concen: 1.143 ug/L

RT: 8.324 min Scan# 1193

Delta R.T. -0.037 min

Lab File: VX039358.D

Acq: 19 Dec 2023 15:56

Instrument :

MSVOA_X

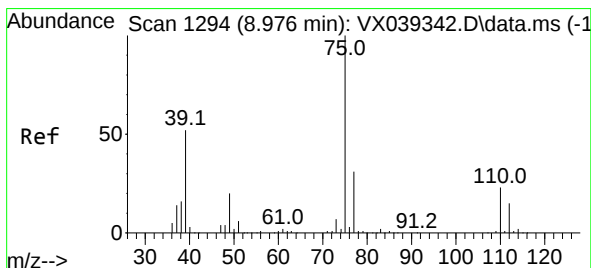
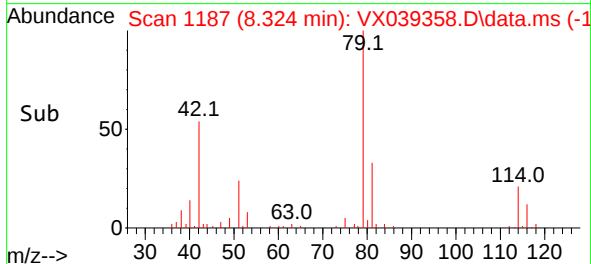
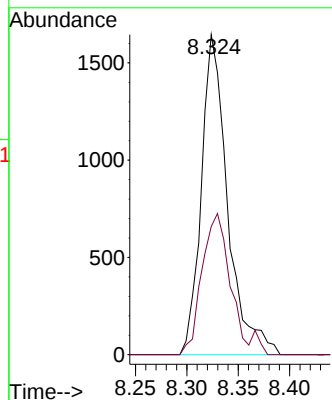
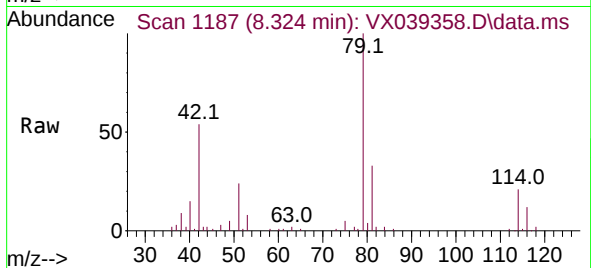
ClientSampleId :

Tgt Ion: 75 Resp: 2929

Ion Ratio Lower Upper

75 100

77 40.1 22.0 40.8



#44

trans-1,3-Dichloropropene

Concen: 0.851 ug/L

RT: 8.952 min Scan# 1290

Delta R.T. -0.024 min

Lab File: VX039358.D

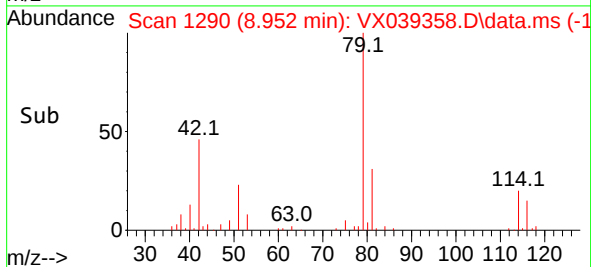
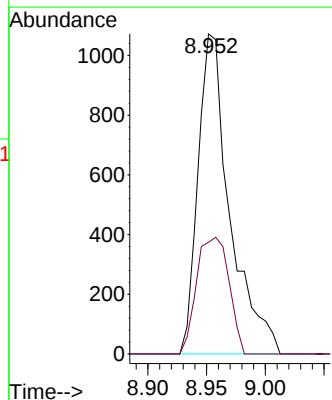
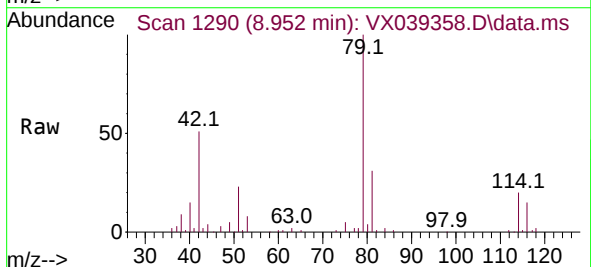
Acq: 19 Dec 2023 15:56

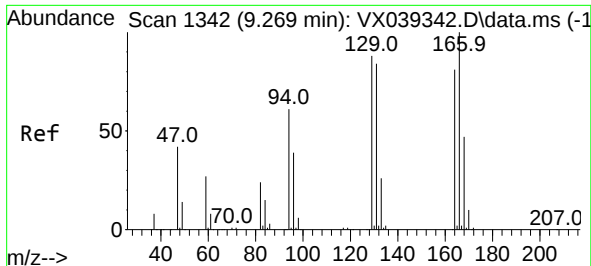
Tgt Ion: 75 Resp: 2023

Ion Ratio Lower Upper

75 100

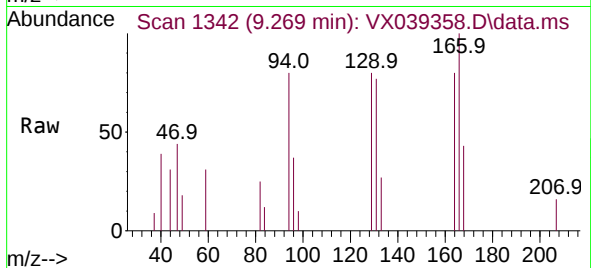
77 34.9 22.0 40.8



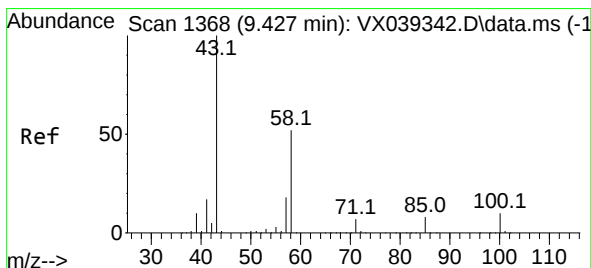
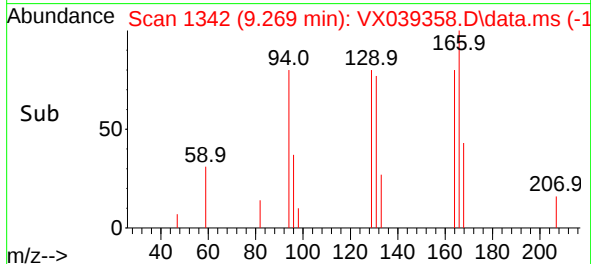
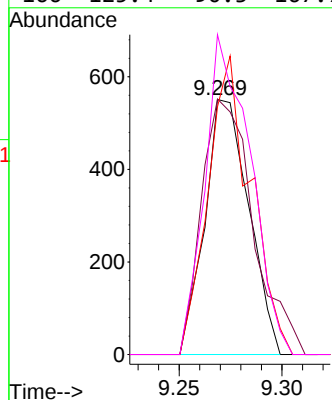


#46
Tetrachloroethene
Concen: 0.813 ug/L
RT: 9.269 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX039358.D
Acq: 19 Dec 2023 15:56

Instrument :
MSVOA_X
ClientSampleId :

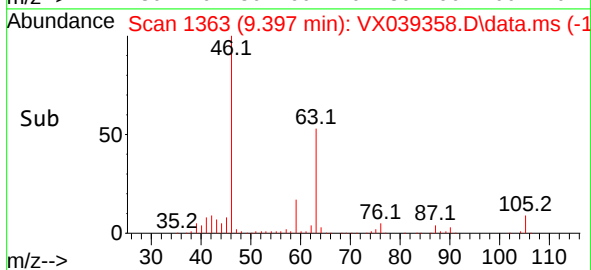
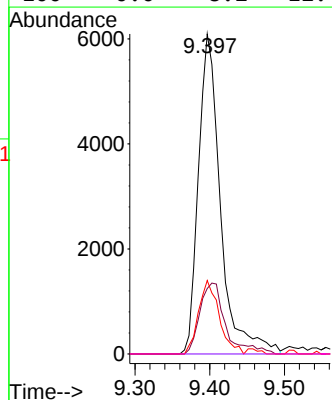
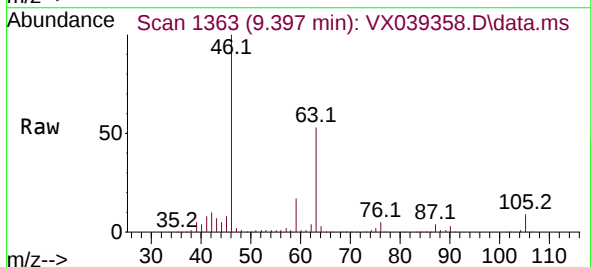


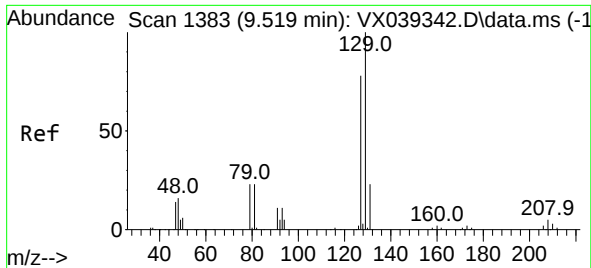
Tgt Ion:	164	Resp:	821
Ion	Ratio	Lower	Upper
164	100		
129	100.2	71.9	133.5
131	97.1	69.5	129.1
166	125.4	90.3	167.7



#48
2-Hexanone
Concen: 5.553 ug/L
RT: 9.397 min Scan# 1363
Delta R.T. -0.031 min
Lab File: VX039358.D
Acq: 19 Dec 2023 15:56

Tgt Ion:	43	Resp:	12512
Ion	Ratio	Lower	Upper
43	100		
58	24.5	43.0	64.6#
57	21.4	14.6	21.8
100	0.0	8.2	12.4#

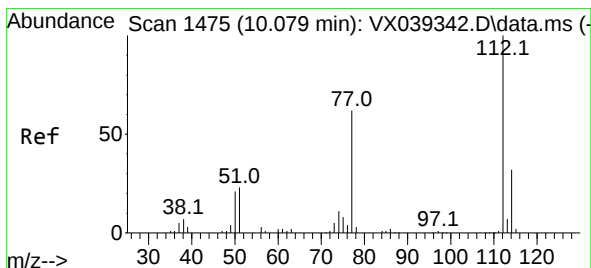
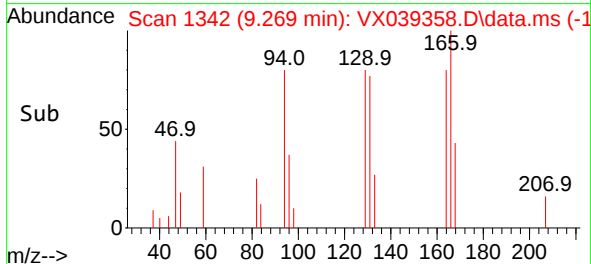
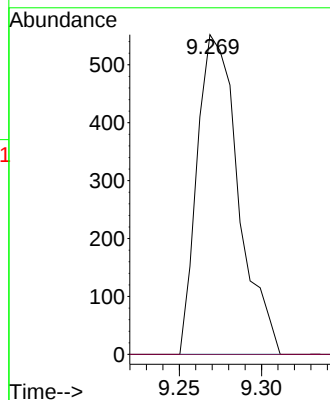
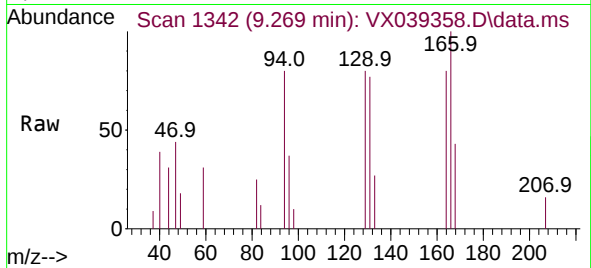




#49
Dibromochloromethane
Concen: 0.671 ug/L
RT: 9.269 min Scan# 11
Delta R.T. -0.250 min
Lab File: VX039358.D
Acq: 19 Dec 2023 15:56

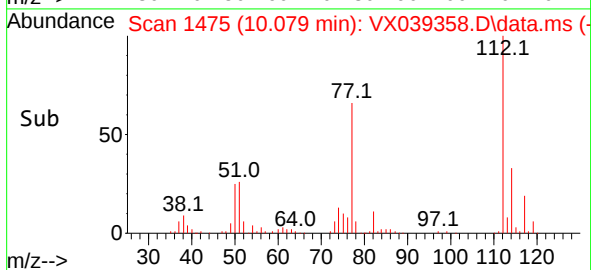
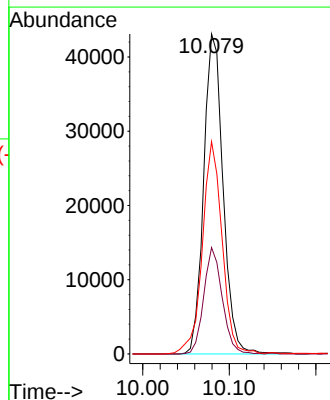
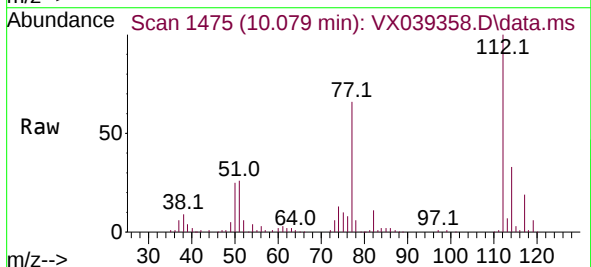
Instrument :
MSVOA_X
ClientSampleId :

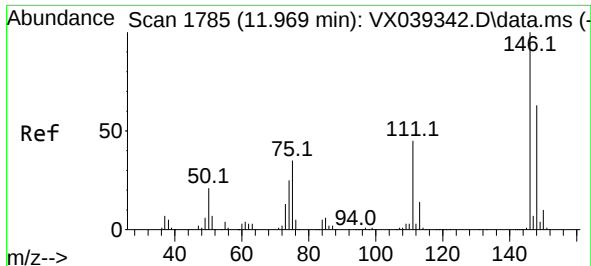
Tgt Ion:129 Resp: 963
Ion Ratio Lower Upper
129 100
127 0.0 55.2 102.4#



#51
Chlorobenzene
Concen: 17.657 ug/L
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX039358.D
Acq: 19 Dec 2023 15:56

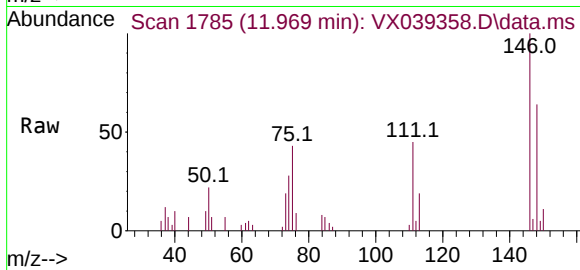
Tgt Ion:112 Resp: 66990
Ion Ratio Lower Upper
112 100
114 33.2 21.8 40.4
77 66.4 49.0 73.6



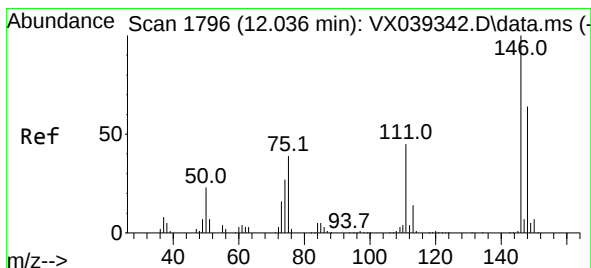
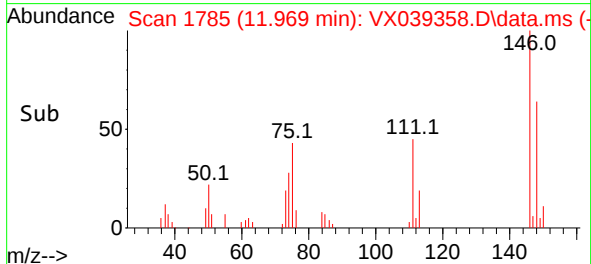
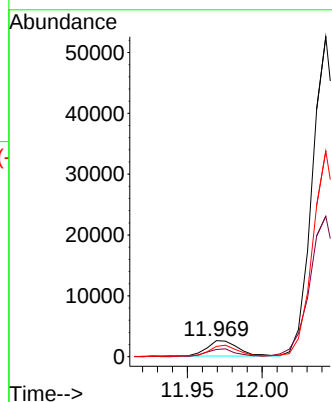


#64
1,3-Dichlorobenzene
Concen: 1.332 ug/L
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX039358.D
Acq: 19 Dec 2023 15:56

Instrument :
MSVOA_X
ClientSampleId :

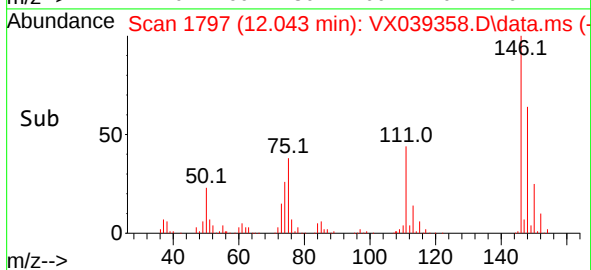
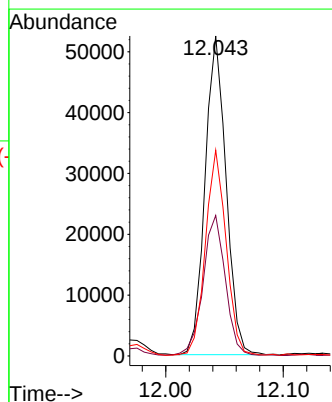
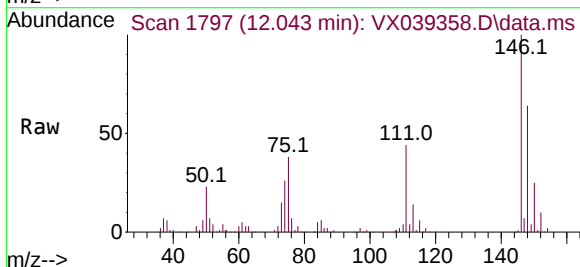


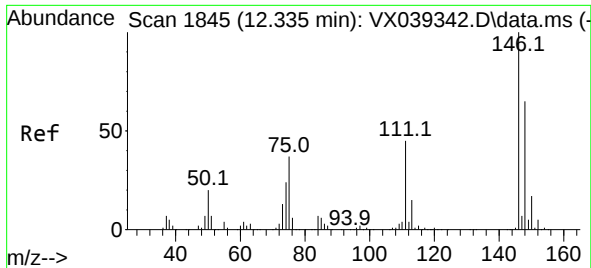
Tgt Ion:146 Resp: 3664
Ion Ratio Lower Upper
146 100
111 45.2 30.0 55.6
148 64.0 44.2 82.0



#65
1,4-Dichlorobenzene
Concen: 23.340 ug/L
RT: 12.043 min Scan# 1797
Delta R.T. 0.006 min
Lab File: VX039358.D
Acq: 19 Dec 2023 15:56

Tgt Ion:146 Resp: 65039
Ion Ratio Lower Upper
146 100
111 43.9 29.7 55.1
148 64.3 45.8 85.2

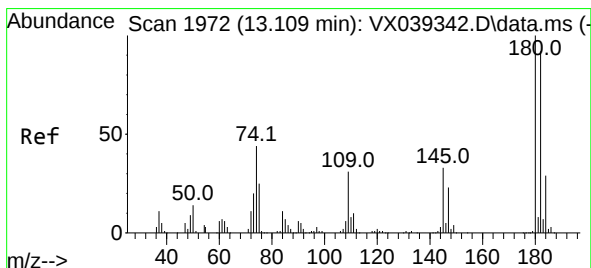
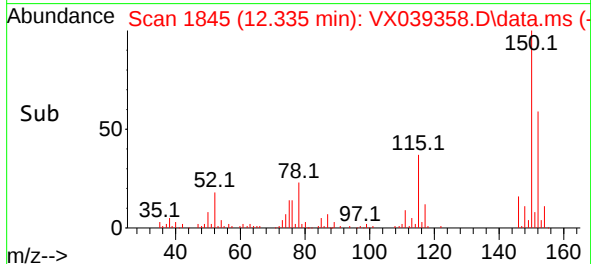
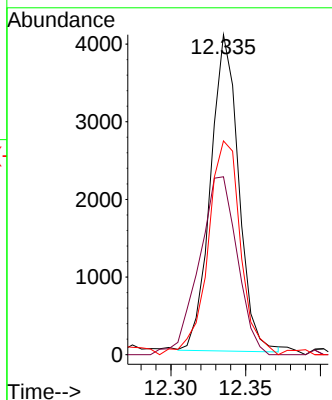
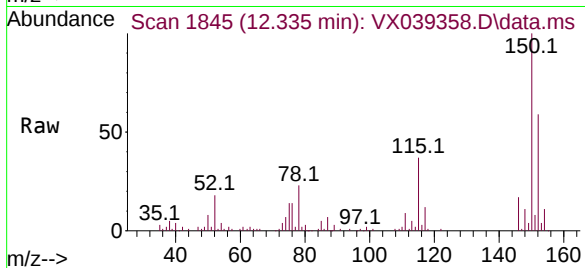




#67
1,2-Dichlorobenzene
Concen: 2.024 ug/L
RT: 12.335 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX039358.D
Acq: 19 Dec 2023 15:56

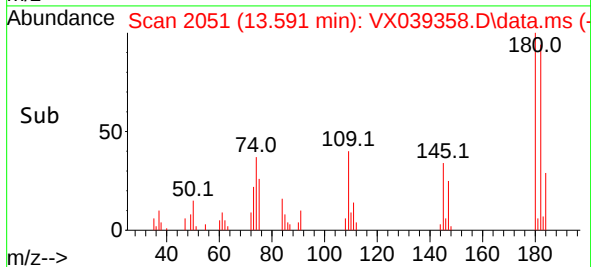
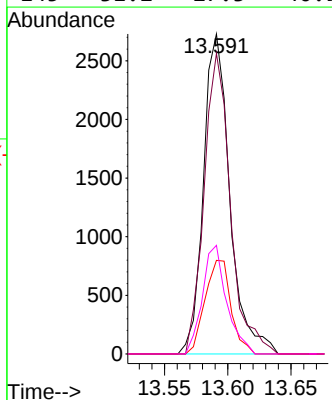
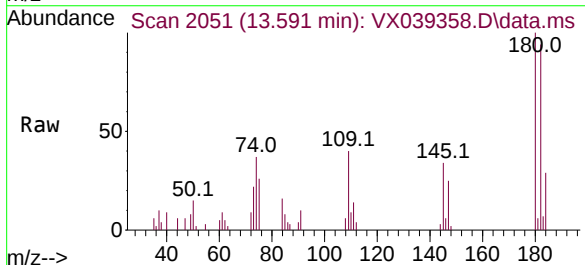
Instrument :
MSVOA_X
ClientSampleId :

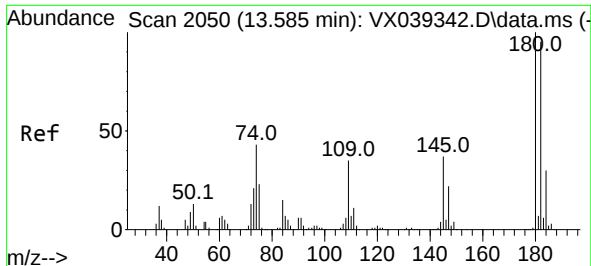
Tgt Ion:146 Resp: 5323
Ion Ratio Lower Upper
146 100
111 55.6 36.4 54.6#
148 66.8 50.0 75.0



#69
1,3,5-Trichlorobenzene
Concen: 2.178 ug/L
RT: 13.591 min Scan# 2051
Delta R.T. 0.482 min
Lab File: VX039358.D
Acq: 19 Dec 2023 15:56

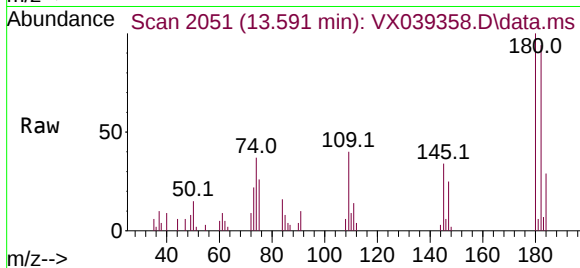
Tgt Ion:180 Resp: 3961
Ion Ratio Lower Upper
180 100
182 93.6 76.1 114.1
184 28.8 24.1 36.1
145 31.2 27.3 40.9



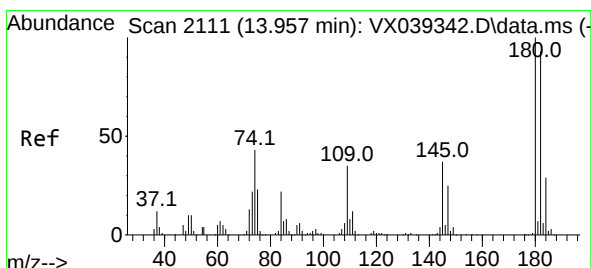
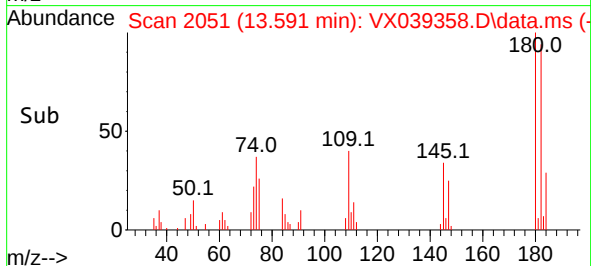
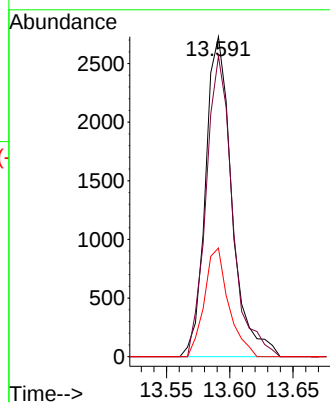


#70
1,2,4-trichlorobenzene
Concen: 2.310 ug/L
RT: 13.591 min Scan# 2051
Delta R.T. 0.006 min
Lab File: VX039358.D
Acq: 19 Dec 2023 15:56

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion:180 Resp: 3961
Ion Ratio Lower Upper
180 100
182 93.6 76.8 115.2
145 31.2 27.8 41.6



#72
1,2,3-Trichlorobenzene
Concen: 1.629 ug/L
RT: 13.963 min Scan# 2112
Delta R.T. 0.006 min
Lab File: VX039358.D
Acq: 19 Dec 2023 15:56

Tgt Ion:180 Resp: 2704
Ion Ratio Lower Upper
180 100
182 94.4 75.9 113.9
145 37.1 28.6 42.8

