

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121923\
 Data File : VX039347.D
 Acq On : 19 Dec 2023 11:45
 Operator : JC/MD
 Sample : 05835-08DL 20X
 Misc : 5.27g/5mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 19 22:03:51 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)

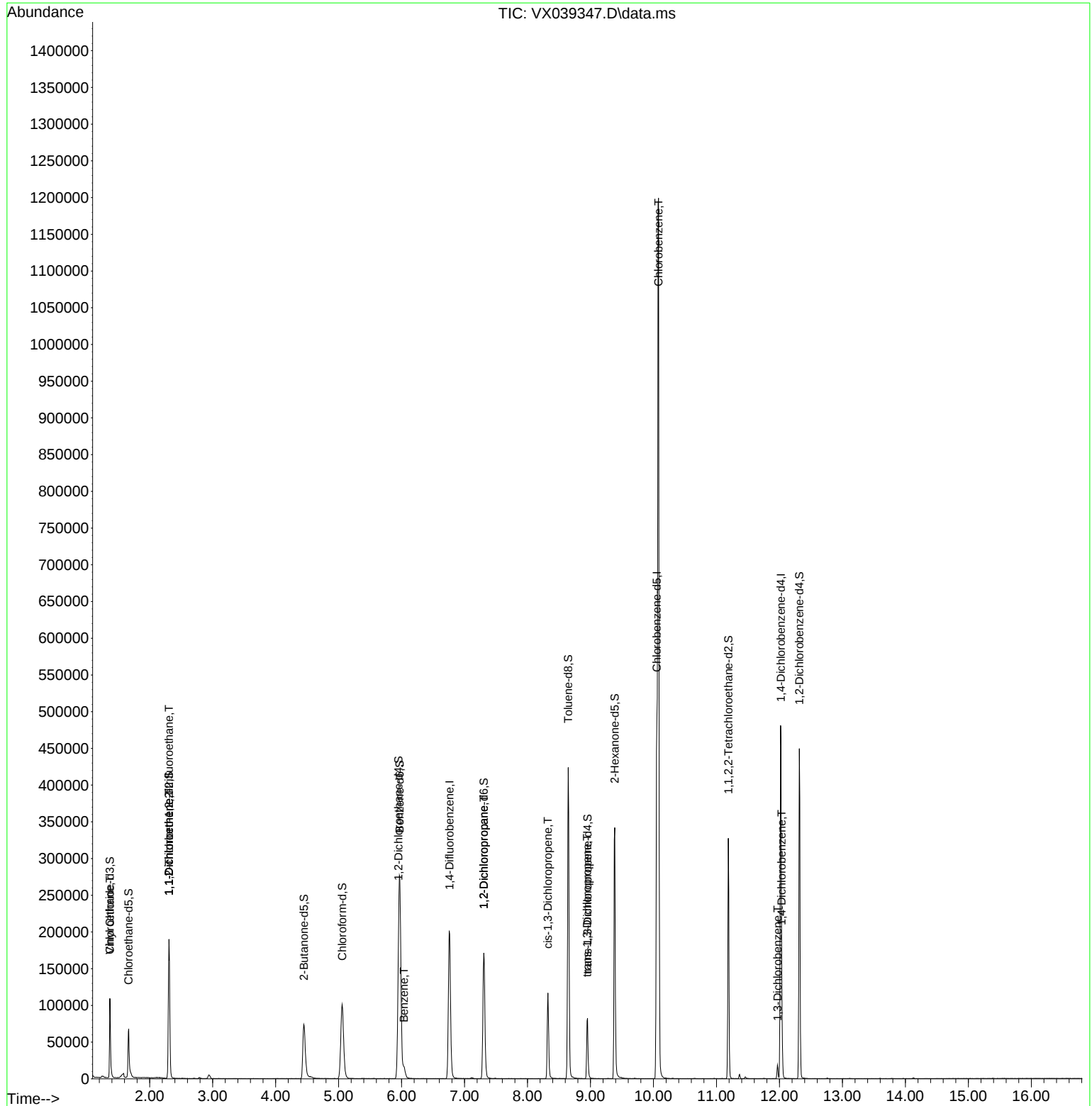
Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	196715	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	183650	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	90665	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	72173	46.777	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	93.560%		
7) Chloroethane-d5	1.666	69	52619	46.139	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	92.280%		
11) 1,1-Dichloroethene-d2	2.307	65	34012	50.218	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	100.440%		
21) 2-Butanone-d5	4.446	46	133427	95.533	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	95.530%		
24) Chloroform-d	5.056	84	127368	46.632	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	93.260%		
26) 1,2-Dichloroethane-d4	5.952	65	90735	51.295	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	102.580%		
32) Benzene-d6	5.970	84	274500	48.431	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	96.860%		
36) 1,2-Dichloropropane-d6	7.306	67	85410	46.825	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	93.660%		
41) Toluene-d8	8.647	98	243551	47.417	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	94.840%		
43) trans-1,3-Dichloroprop...	8.952	79	37891	40.821	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	81.640%		
47) 2-Hexanone-d5	9.384	63	96954	88.996	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	89.000%		
56) 1,1,2,2-Tetrachloroeth...	11.189	84	118958	45.974	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	91.940%		
66) 1,2-Dichlorobenzene-d4	12.317	152	80602	47.033	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	94.060%		
Target Compounds						Qvalue
8) Chloroethane	1.368	64	1143	1.251	ug/L #	1
10) 1,1,2-Trichloro-1,2,2-...	2.307	101	980	0.727	ug/L #	21
12) 1,1-Dichloroethene	2.307	96	962	0.759	ug/L #	1
33) Benzene	6.038	78	16091	2.757	ug/L	100
37) 1,2-Dichloropropane	7.306	63	9984	6.168	ug/L #	89
39) cis-1,3-Dichloropropene	8.324	75	3031	1.174	ug/L #	76
44) trans-1,3-Dichloropropene	8.946	75	1996	0.833	ug/L	89
51) Chlorobenzene	10.079	112	494782	129.428	ug/L	96
64) 1,3-Dichlorobenzene	11.969	146	5483	1.934	ug/L	95
65) 1,4-Dichlorobenzene	12.036	146	20001	6.961	ug/L	95

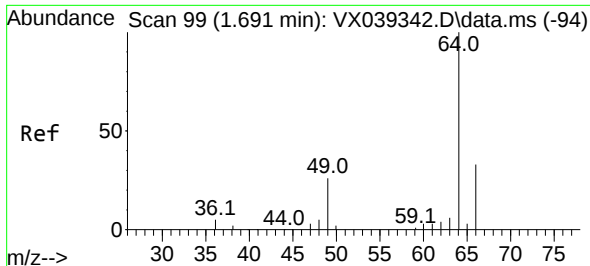
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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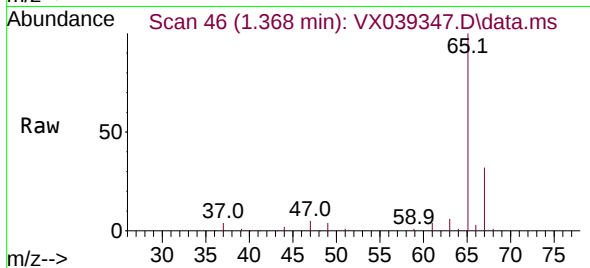
Quant Time: Dec 19 22:03:51 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM120523WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Dec 19 22:02:33 2023
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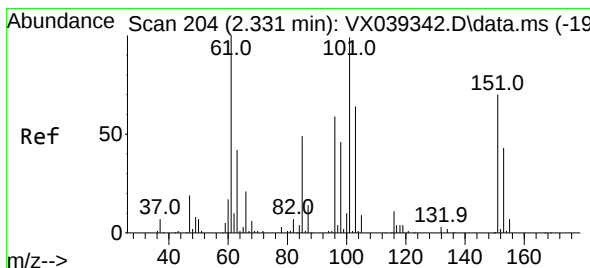
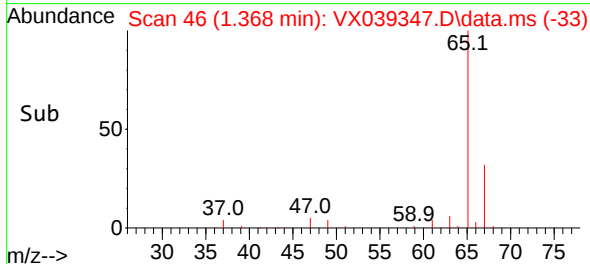
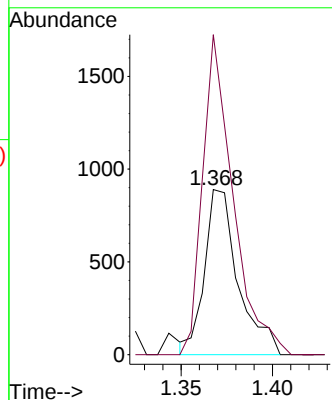


#8
Chloroethane
Concen: 1.251 ug/L
RT: 1.368 min Scan# 41
Delta R.T. -0.323 min
Lab File: VX039347.D
Acq: 19 Dec 2023 11:45

Instrument :
MSVOA_X
ClientSampleId :

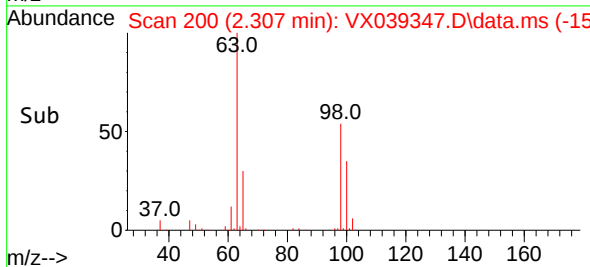
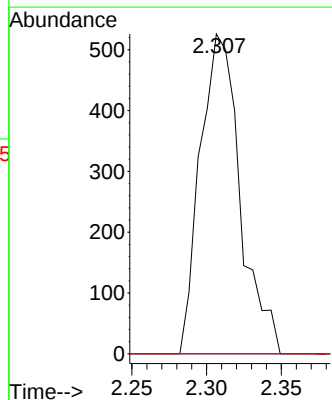
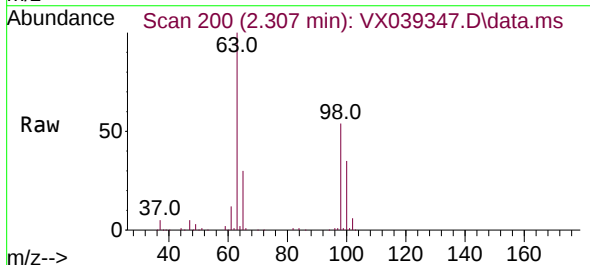


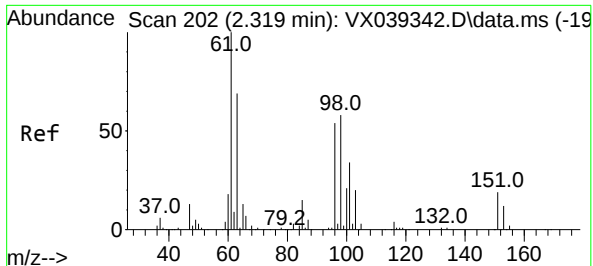
Tgt Ion: 64 Resp: 1143
Ion Ratio Lower Upper
64 100
66 193.8 23.4 43.6#



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.727 ug/L
RT: 2.307 min Scan# 200
Delta R.T. -0.024 min
Lab File: VX039347.D
Acq: 19 Dec 2023 11:45

Tgt Ion: 101 Resp: 980
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: 0.759 ug/L

RT: 2.307 min Scan# 20

Delta R.T. -0.012 min

Lab File: VX039347.D

Acq: 19 Dec 2023 11:45

Instrument :

MSVOA_X

ClientSampleId :

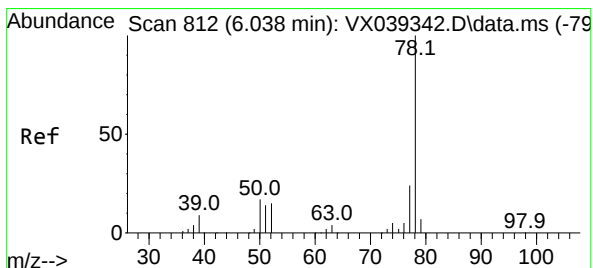
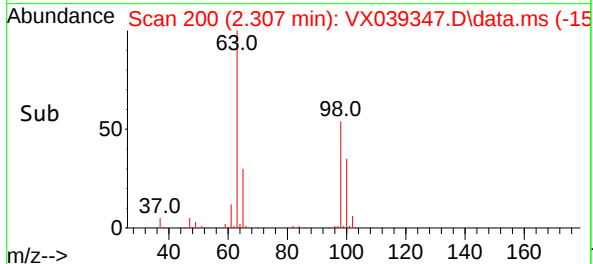
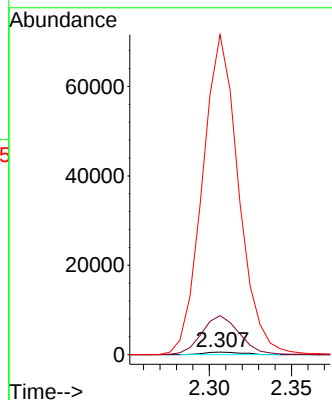
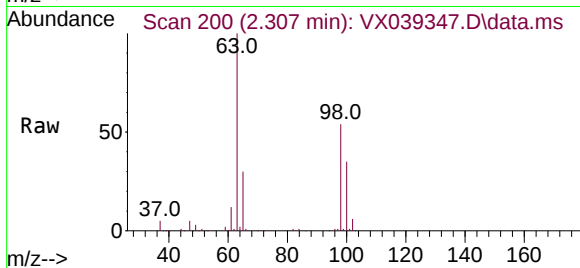
Tgt Ion: 96 Resp: 962

Ion Ratio Lower Upper

96 100

61 1520.3 128.0 237.6#

63 12450.8 101.5 188.5#



#33

Benzene

Concen: 2.757 ug/L

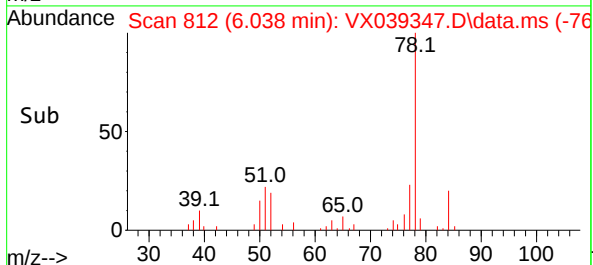
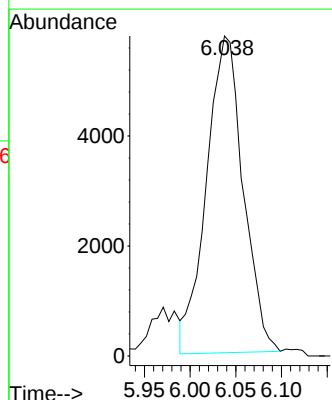
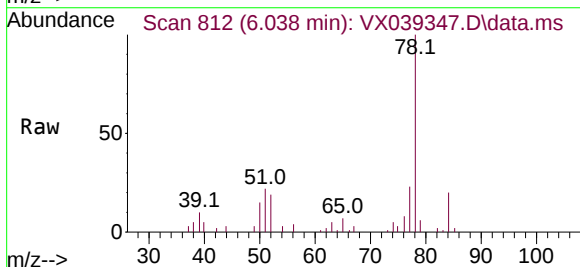
RT: 6.038 min Scan# 812

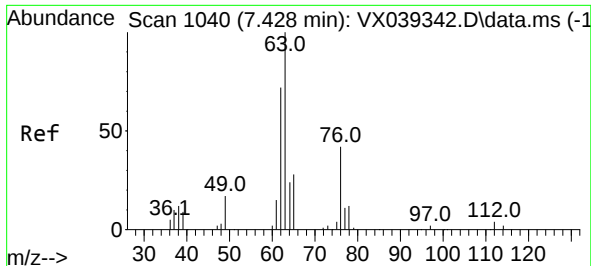
Delta R.T. 0.000 min

Lab File: VX039347.D

Acq: 19 Dec 2023 11:45

Tgt Ion: 78 Resp: 16091





#37

1,2-Dichloropropane

Concen: 6.168 ug/L

RT: 7.306 min Scan# 1187

Delta R.T. -0.122 min

Lab File: VX039347.D

Acq: 19 Dec 2023 11:45

Instrument :

MSVOA_X

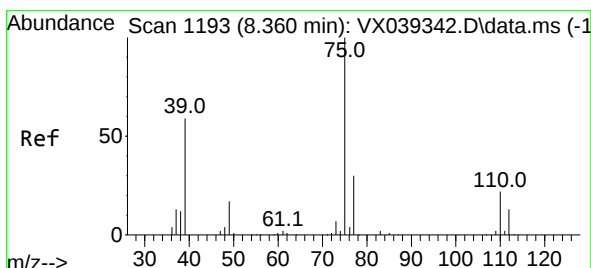
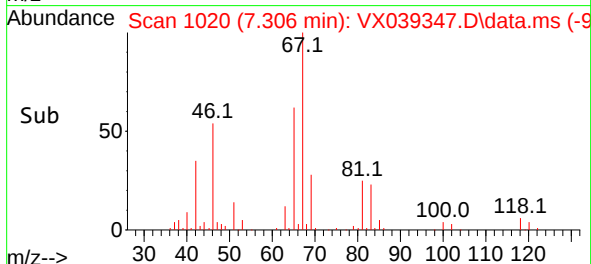
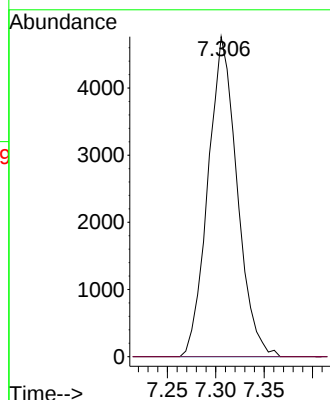
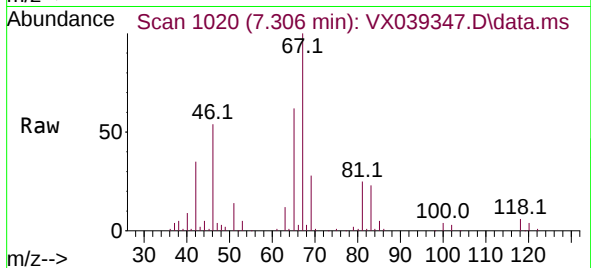
ClientSampleId :

Tgt Ion: 63 Resp: 9984

Ion Ratio Lower Upper

63 100

112 0.0 2.8 4.2#



#39

cis-1,3-Dichloropropene

Concen: 1.174 ug/L

RT: 8.324 min Scan# 1187

Delta R.T. -0.037 min

Lab File: VX039347.D

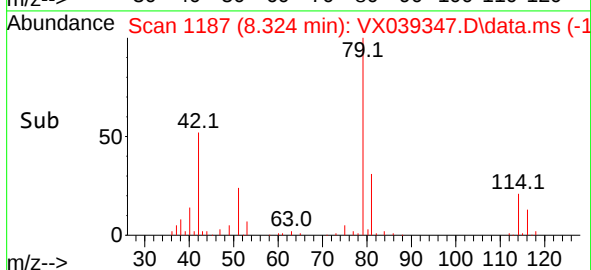
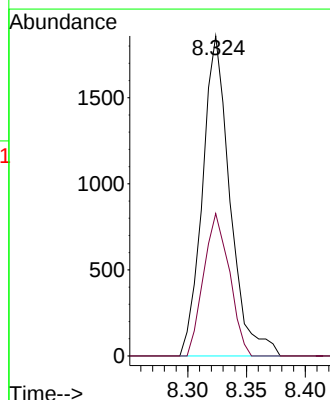
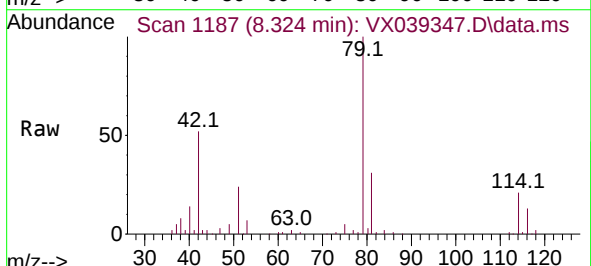
Acq: 19 Dec 2023 11:45

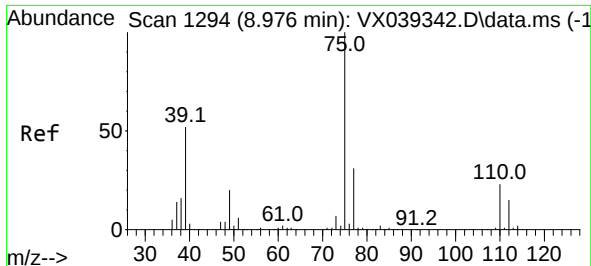
Tgt Ion: 75 Resp: 3031

Ion Ratio Lower Upper

75 100

77 44.5 22.0 40.8#

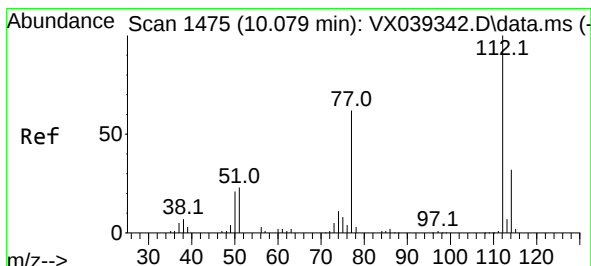
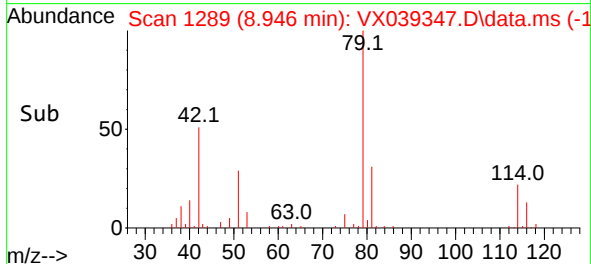
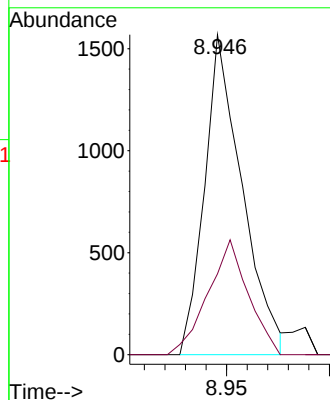
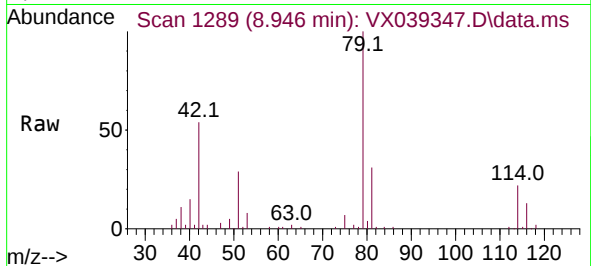




#44
trans-1,3-Dichloropropene
Concen: 0.833 ug/L
RT: 8.946 min Scan# 11
Delta R.T. -0.030 min
Lab File: VX039347.D
Acq: 19 Dec 2023 11:45

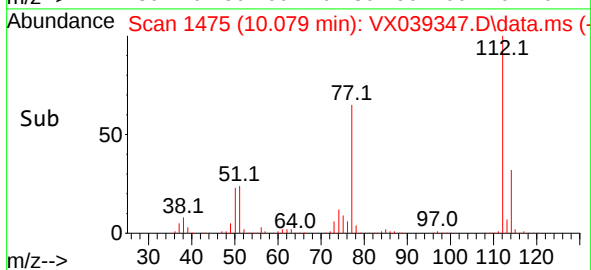
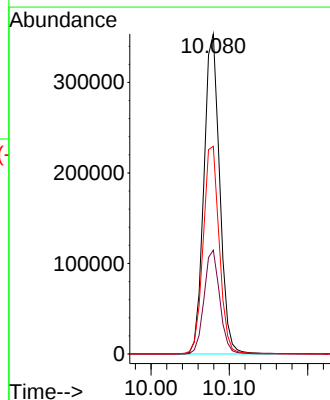
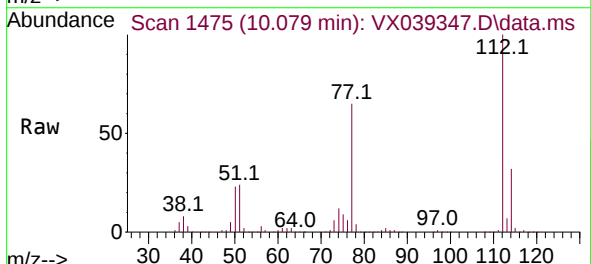
Instrument :
MSVOA_X
ClientSampleId :

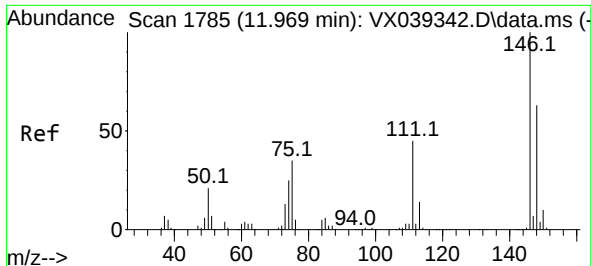
Tgt Ion: 75 Resp: 1996
Ion Ratio Lower Upper
75 100
77 25.2 22.0 40.8



#51
Chlorobenzene
Concen: 129.428 ug/L
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX039347.D
Acq: 19 Dec 2023 11:45

Tgt Ion:112 Resp: 494782
Ion Ratio Lower Upper
112 100
114 32.5 21.8 40.4
77 64.9 49.0 73.6





#64

1,3-Dichlorobenzene

Concen: 1.934 ug/L

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX039347.D

Acq: 19 Dec 2023 11:45

Instrument :

MSVOA_X

ClientSampleId :

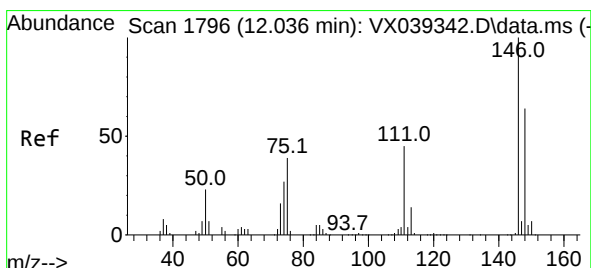
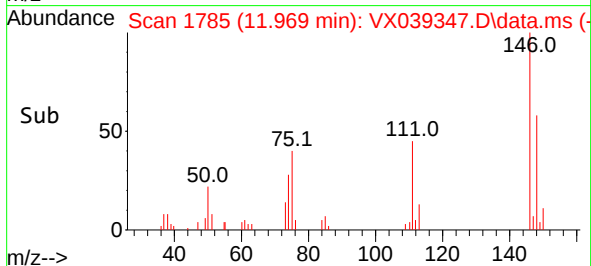
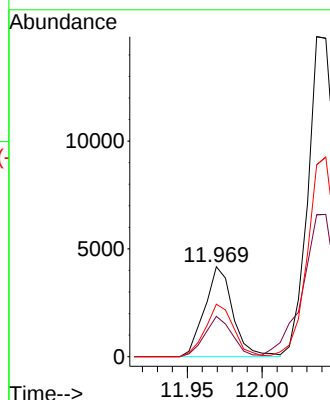
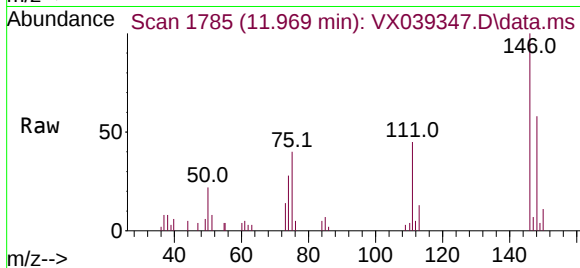
Tgt Ion:146 Resp: 5483

Ion Ratio Lower Upper

146 100

111 44.9 30.0 55.6

148 58.3 44.2 82.0



#65

1,4-Dichlorobenzene

Concen: 6.961 ug/L

RT: 12.036 min Scan# 1796

Delta R.T. 0.000 min

Lab File: VX039347.D

Acq: 19 Dec 2023 11:45

Tgt Ion:146 Resp: 20001

Ion Ratio Lower Upper

146 100

111 44.4 29.7 55.1

148 59.9 45.8 85.2

