

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121823\
 Data File : VX039327.D
 Acq On : 18 Dec 2023 21:36
 Operator : JC/MD
 Sample : 05835-09 100X
 Misc : 3.02g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 19 04:20:35 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML120523WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Dec 18 22:55:37 2023
 Response via : Initial Calibration

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

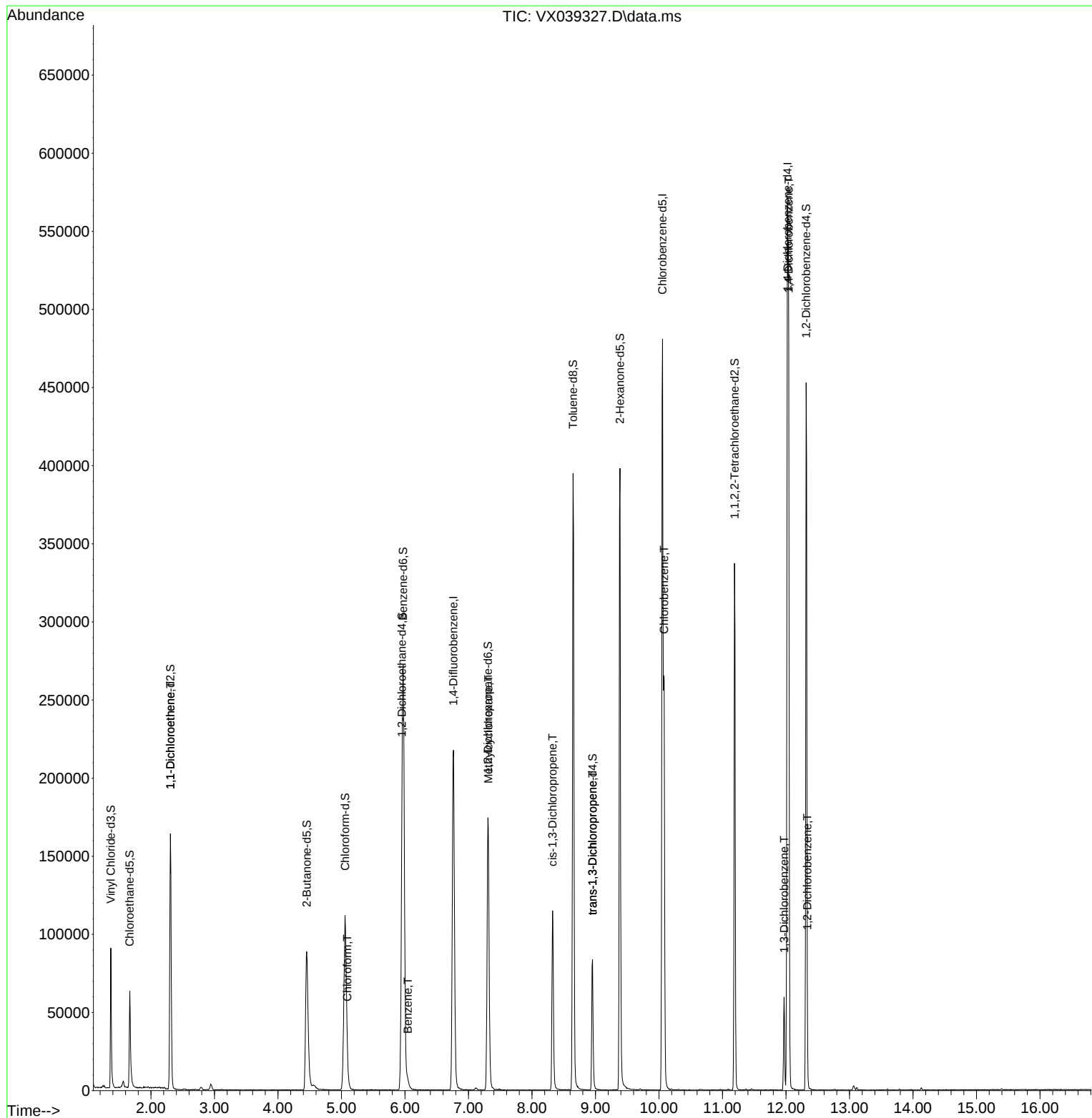
Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	211308	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	198792	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	94161	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	56786	34.262	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	68.520%
7) Chloroethane-d5	1.666	69	44709	36.496	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	73.000%
11) 1,1-Dichloroethene-d2	2.307	65	30183	41.487	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.980%
21) 2-Butanone-d5	4.453	46	158452	105.616	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	105.620%
24) Chloroform-d	5.056	84	130070	44.333	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.660%
26) 1,2-Dichloroethane-d4	5.952	65	93791	49.361	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.720%
32) Benzene-d6	5.971	84	260717	42.496	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.000%
36) 1,2-Dichloropropane-d6	7.306	67	88313	44.729	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	89.460%
41) Toluene-d8	8.647	98	227924	40.995	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	81.980%
43) trans-1,3-Dichloroprop...	8.952	79	38022	37.842	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	75.680%
47) 2-Hexanone-d5	9.385	63	111050	94.170	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	94.170%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	130252	46.504	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.000%
66) 1,2-Dichlorobenzene-d4	12.317	152	82362	46.276	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.560%
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.307	96	697	0.512	ug/L #	1
25) Chloroform	5.093	83	4848	1.714	ug/L	87
33) Benzene	6.044	78	6634	1.050	ug/L	100
35) Methylcyclohexane	7.312	83	20265	7.288	ug/L #	18
39) cis-1,3-Dichloropropene	8.324	75	3188	1.141	ug/L	91
44) trans-1,3-Dichloropropene	8.952	75	2108	0.813	ug/L	86
51) Chlorobenzene	10.080	112	102399	24.746	ug/L	97
64) 1,3-Dichlorobenzene	11.969	146	16995	5.771	ug/L	100
65) 1,4-Dichlorobenzene	12.043	146	138234	46.322	ug/L	98
67) 1,2-Dichlorobenzene	12.335	146	2484	0.882	ug/L #	91

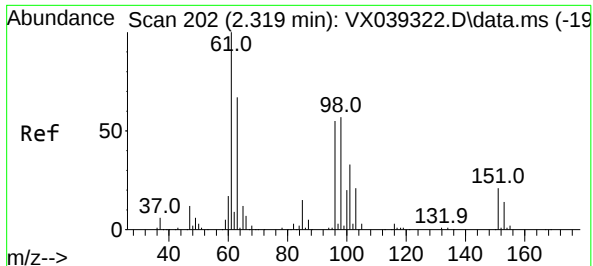
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121823\
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Instrument :
MSVOA_X
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Quant Time: Dec 19 04:20:35 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM120523WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Dec 18 22:55:37 2023
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.512 ug/L

RT: 2.307 min Scan# 20

Delta R.T. -0.012 min

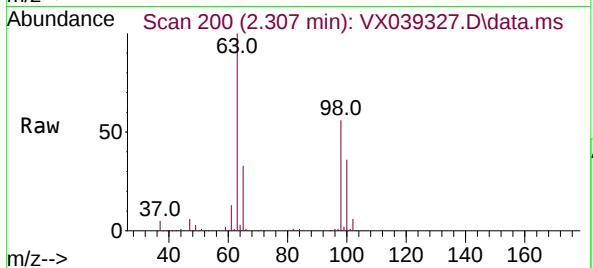
Lab File: VX039327.D

Acq: 18 Dec 2023 21:36

Instrument :

MSVOA_X

ClientSampleId :



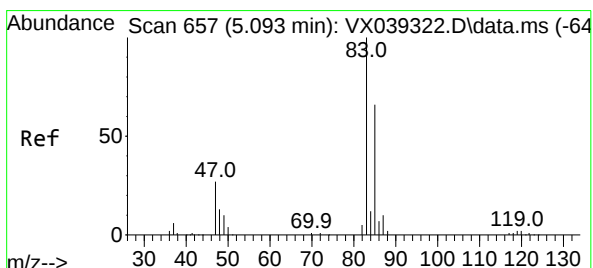
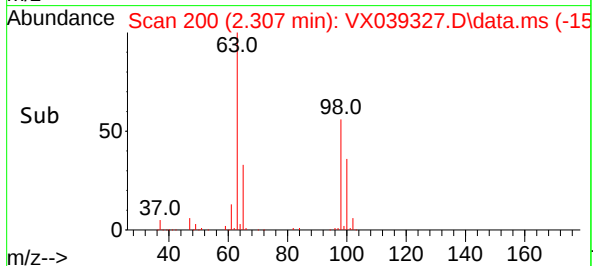
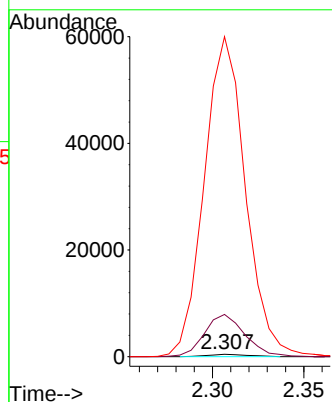
Tgt Ion: 96 Resp: 697

Ion Ratio Lower Upper

96 100

61 1779.3 128.0 237.6#

63 13484.9 101.5 188.5#



#25

Chloroform

Concen: 1.714 ug/L

RT: 5.093 min Scan# 657

Delta R.T. 0.000 min

Lab File: VX039327.D

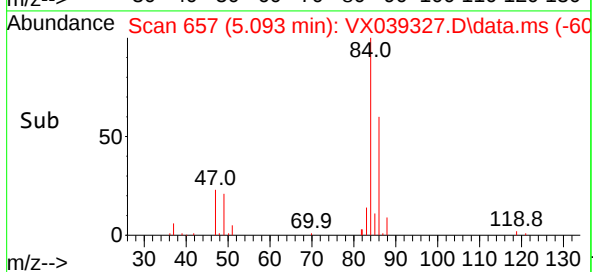
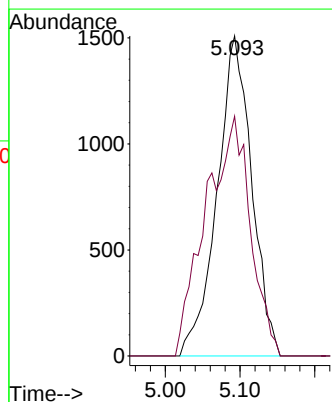
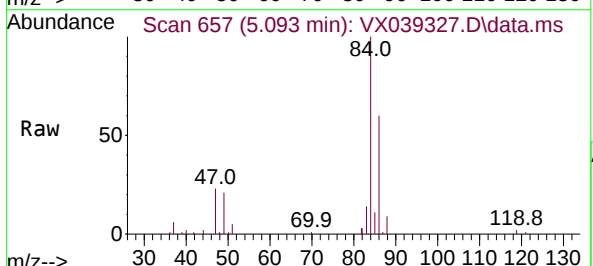
Acq: 18 Dec 2023 21:36

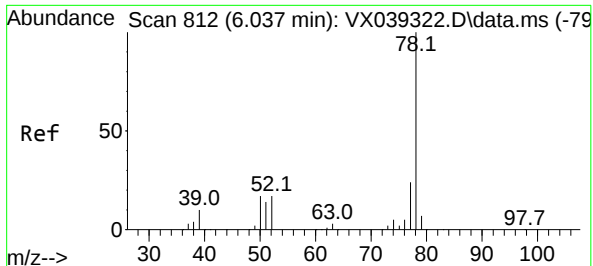
Tgt Ion: 83 Resp: 4848

Ion Ratio Lower Upper

83 100

85 74.9 45.1 83.7

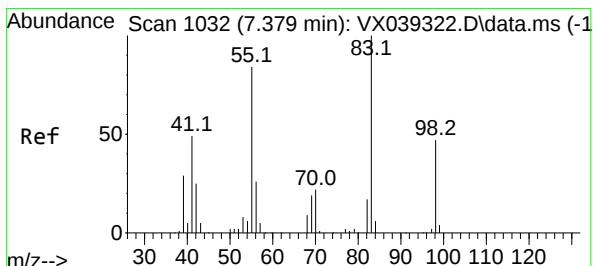
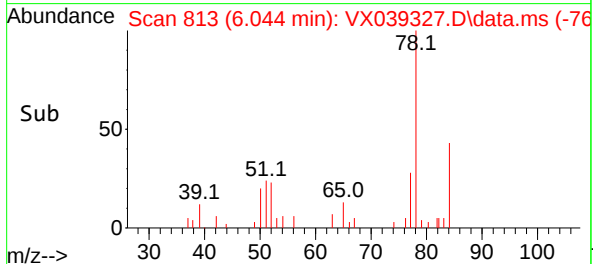
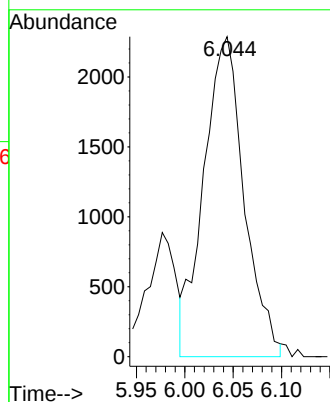
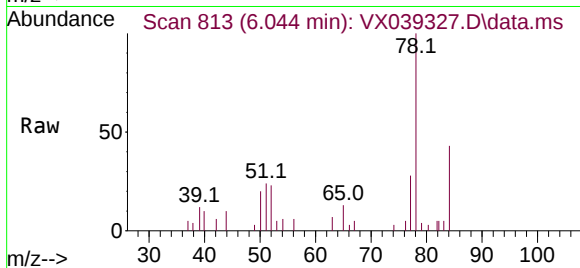




#33
Benzene
Concen: 1.050 ug/L
RT: 6.044 min Scan# 81
Delta R.T. 0.006 min
Lab File: VX039327.D
Acq: 18 Dec 2023 21:36

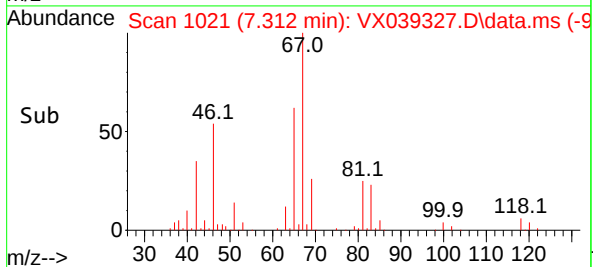
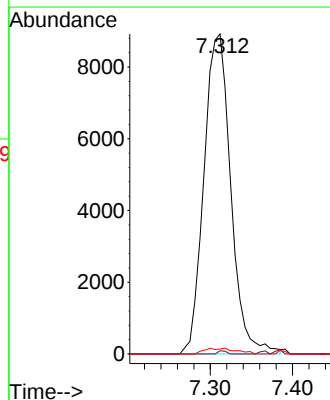
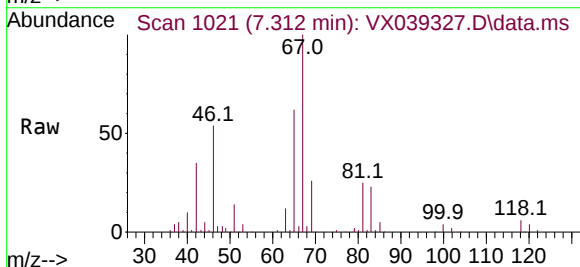
Instrument :
MSVOA_X
ClientSampleId :

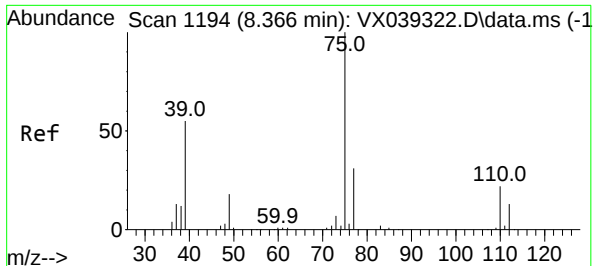
Tgt Ion: 78 Resp: 6634



#35
Methylcyclohexane
Concen: 7.288 ug/L
RT: 7.312 min Scan# 1021
Delta R.T. -0.067 min
Lab File: VX039327.D
Acq: 18 Dec 2023 21:36

Tgt Ion: 83 Resp: 20265
Ion Ratio Lower Upper
83 100
55 0.3 62.5 93.7#
98 0.4 36.1 54.1#





#39

cis-1,3-Dichloropropene

Concen: 1.141 ug/L

RT: 8.324 min Scan# 11

Delta R.T. -0.043 min

Lab File: VX039327.D

Acq: 18 Dec 2023 21:36

Instrument :

MSVOA_X

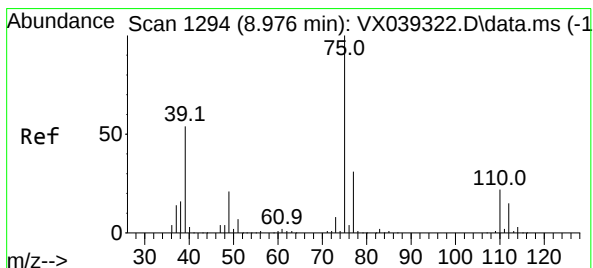
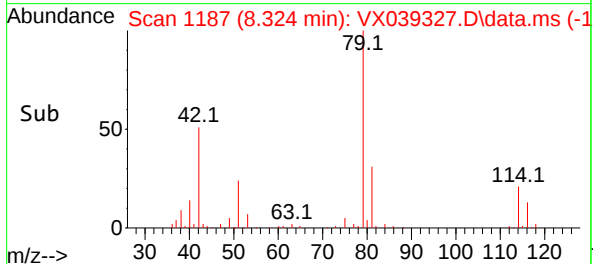
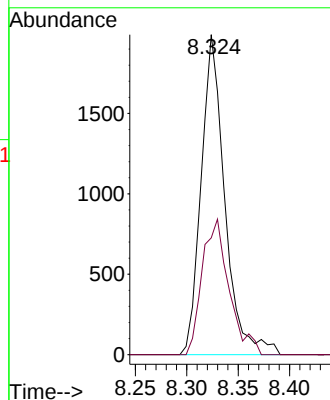
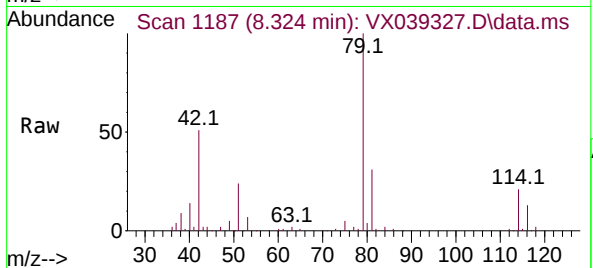
ClientSampleId :

Tgt Ion: 75 Resp: 3188

Ion Ratio Lower Upper

75 100

77 36.5 22.0 40.8



#44

trans-1,3-Dichloropropene

Concen: 0.813 ug/L

RT: 8.952 min Scan# 1290

Delta R.T. -0.024 min

Lab File: VX039327.D

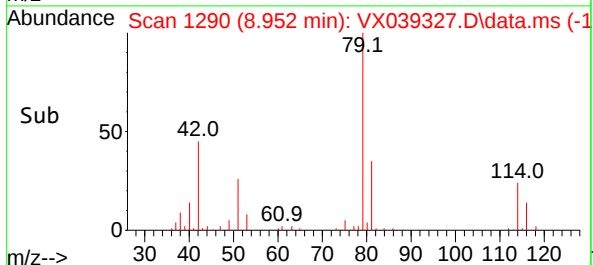
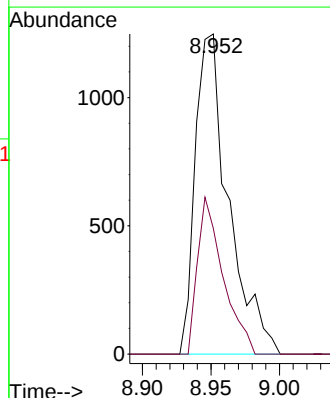
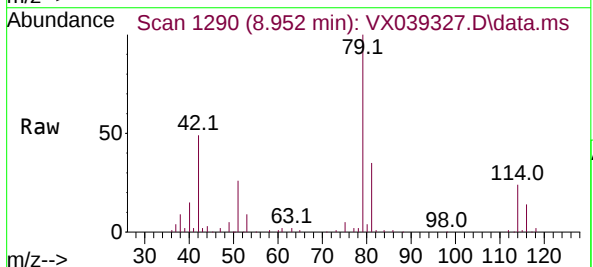
Acq: 18 Dec 2023 21:36

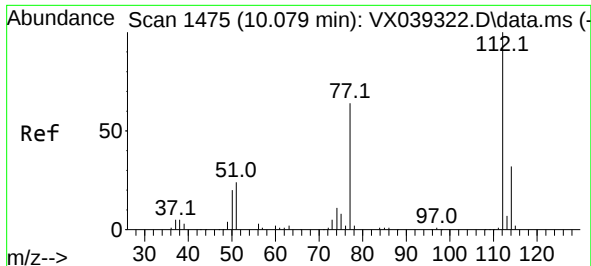
Tgt Ion: 75 Resp: 2108

Ion Ratio Lower Upper

75 100

77 39.3 22.0 40.8

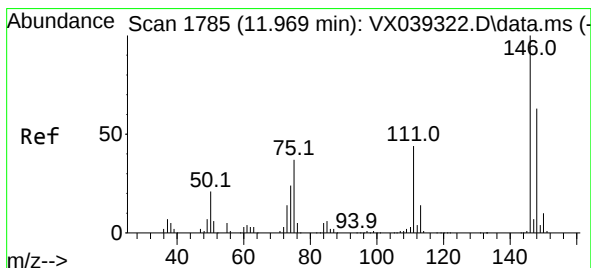
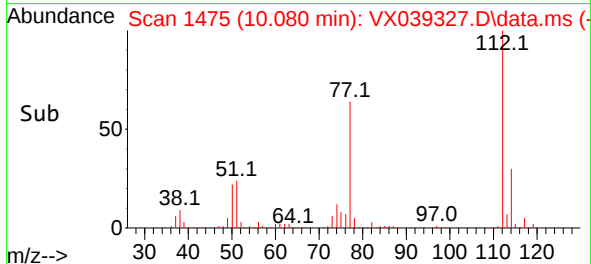
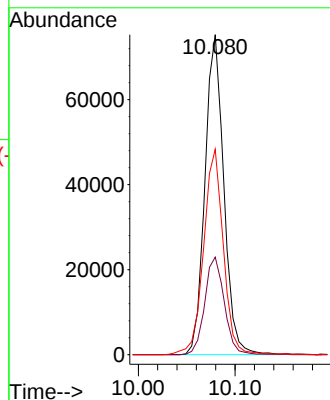
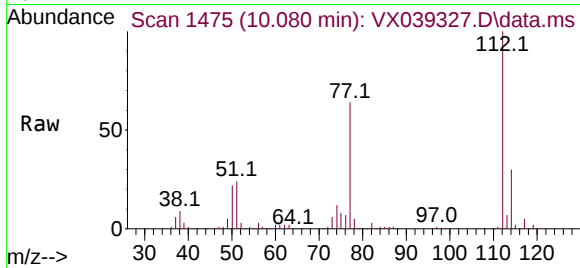




#51
Chlorobenzene
Concen: 24.746 ug/L
RT: 10.080 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX039327.D
Acq: 18 Dec 2023 21:36

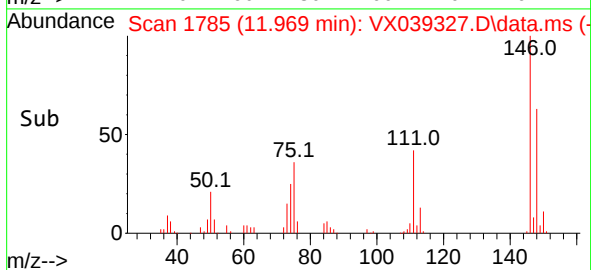
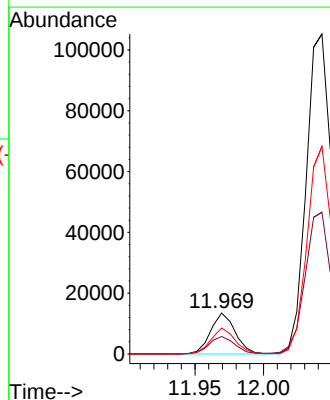
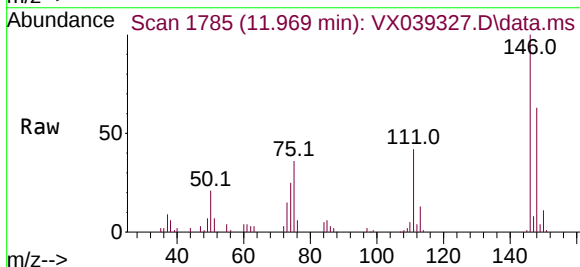
Instrument :
MSVOA_X
ClientSampleId :

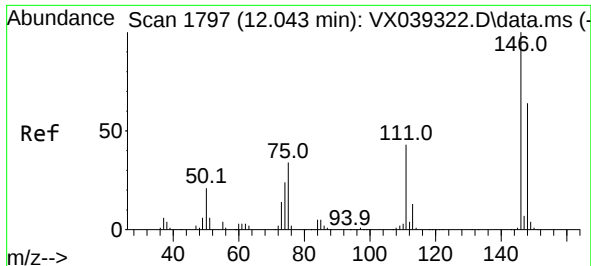
Tgt Ion:112 Resp: 102399
Ion Ratio Lower Upper
112 100
114 30.5 21.8 40.4
77 64.2 49.0 73.6



#64
1,3-Dichlorobenzene
Concen: 5.771 ug/L
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX039327.D
Acq: 18 Dec 2023 21:36

Tgt Ion:146 Resp: 16995
Ion Ratio Lower Upper
146 100
111 42.3 30.0 55.6
148 63.2 44.2 82.0





#65

1,4-Dichlorobenzene

Concen: 46.322 ug/L

RT: 12.043 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX039327.D

Acq: 18 Dec 2023 21:36

Instrument :

MSVOA_X

ClientSampleId :

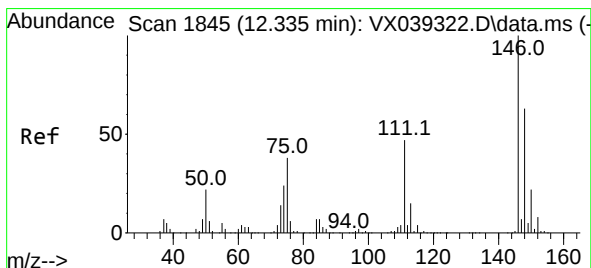
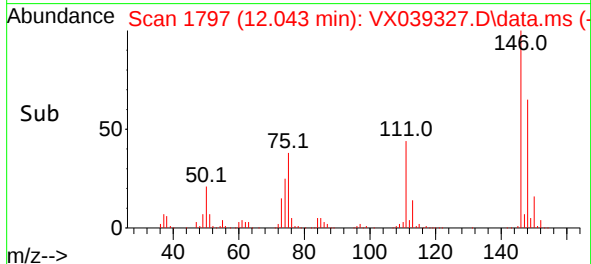
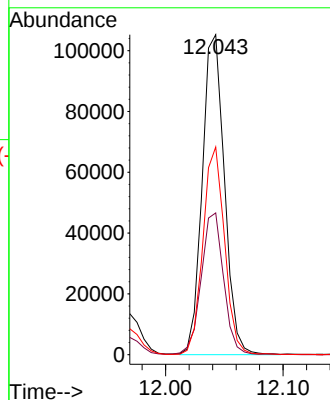
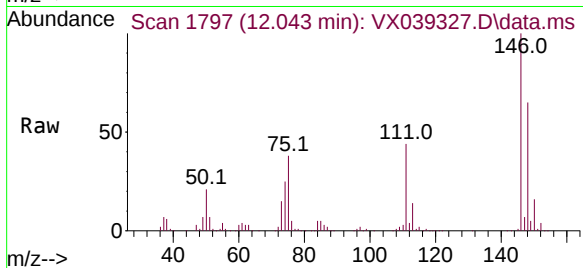
Tgt Ion:146 Resp: 138234

Ion Ratio Lower Upper

146 100

111 44.3 29.7 55.1

148 64.9 45.8 85.2



#67

1,2-Dichlorobenzene

Concen: 0.882 ug/L

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX039327.D

Acq: 18 Dec 2023 21:36

Tgt Ion:146 Resp: 2484

Ion Ratio Lower Upper

146 100

111 55.8 36.4 54.6#

148 66.2 50.0 75.0

