

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060823\
 Data File : VX036087.D
 Acq On : 08 Jun 2023 21:45
 Operator : JC/MD
 Sample : 03097-18
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 EZERO

Quant Time: Jun 09 02:25:12 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML060623WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jun 07 05:37:48 2023
 Response via : Initial Calibration

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

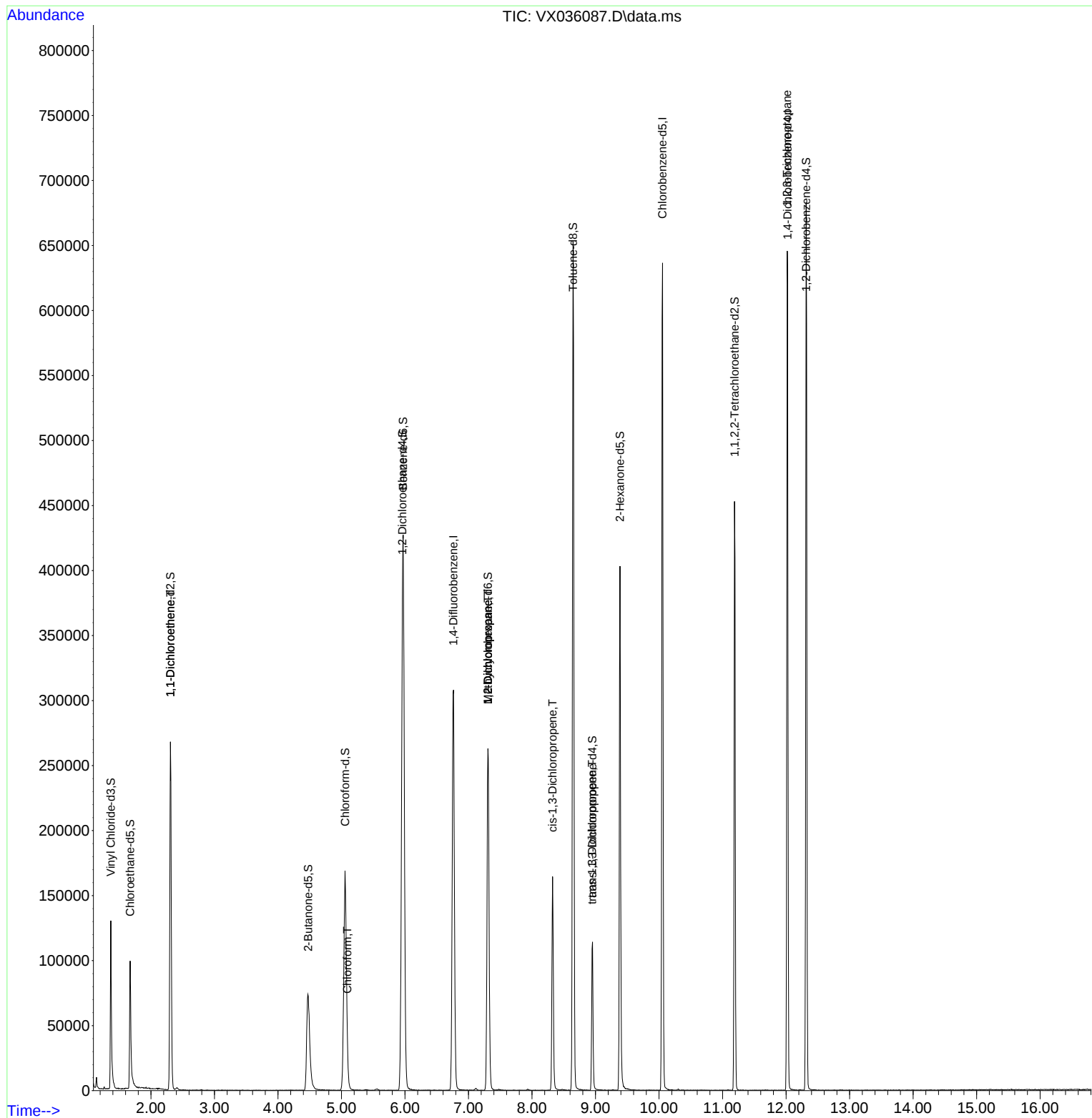
Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	295262	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	273556	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	125456	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	94058	46.887	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	93.780%
7) Chloroethane-d5	1.672	69	77810	50.575	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	101.160%
11) 1,1-Dichloroethene-d2	2.306	65	49363	48.533	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.060%
21) 2-Butanone-d5	4.477	46	157236	95.625	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	95.630%
24) Chloroform-d	5.056	84	201464	48.161	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.320%
26) 1,2-Dichloroethane-d4	5.958	65	153100	50.157	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.320%
32) Benzene-d6	5.970	84	405323	49.254	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.500%
36) 1,2-Dichloropropane-d6	7.306	67	126794	49.571	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.140%
41) Toluene-d8	8.647	98	366204	48.350	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.700%
43) trans-1,3-Dichloroprop...	8.952	79	51886	42.259	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.520%
47) 2-Hexanone-d5	9.384	63	110703	97.196	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	97.200%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	166175	47.564	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.120%
66) 1,2-Dichlorobenzene-d4	12.317	152	125014	51.325	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.640%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.306	96	1039	0.530	ug/L #	1
25) Chloroform	5.093	83	7413	1.626	ug/L	99
35) Methylcyclohexane	7.306	83	32897	9.130	ug/L #	17
37) 1,2-Dichloropropane	7.306	63	15776	6.595	ug/L #	87
39) cis-1,3-Dichloropropene	8.324	75	3956	1.059	ug/L #	54
44) trans-1,3-Dichloropropene	8.945	75	2486	0.710	ug/L	86
61) 1,2,3-Trichloropropane	12.018	75	16380	6.105	ug/L #	65

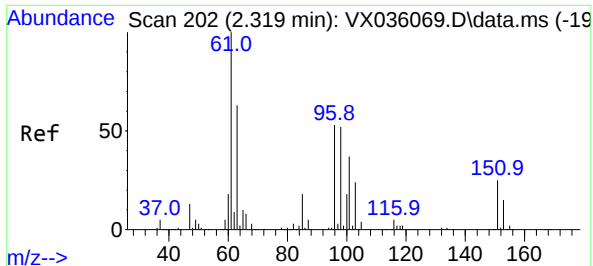
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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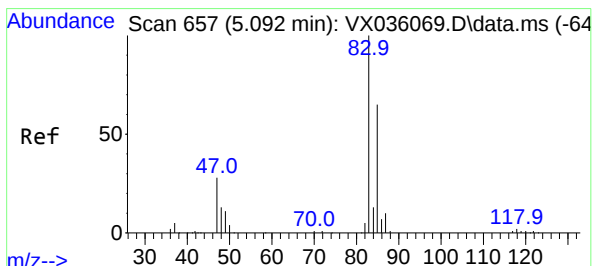
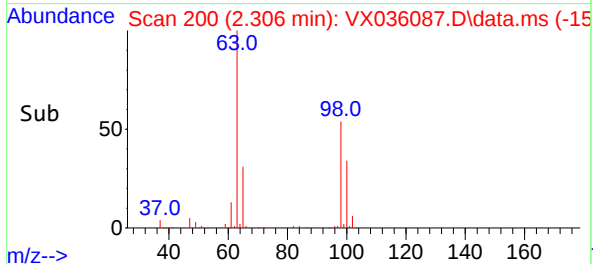
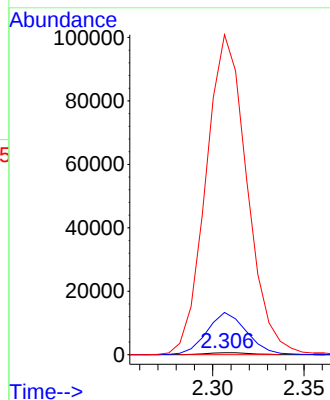
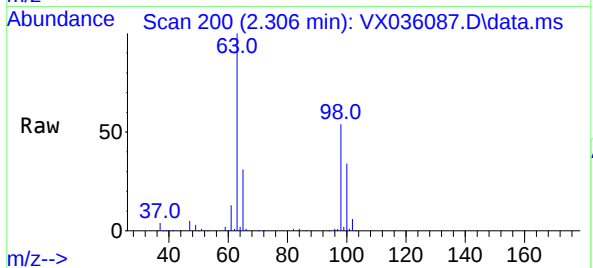




#12
1,1-Dichloroethene
Concen: 0.530 ug/L
RT: 2.306 min Scan# 20
Delta R.T. -0.012 min
Lab File: VX036087.D
Acq: 08 Jun 2023 21:45

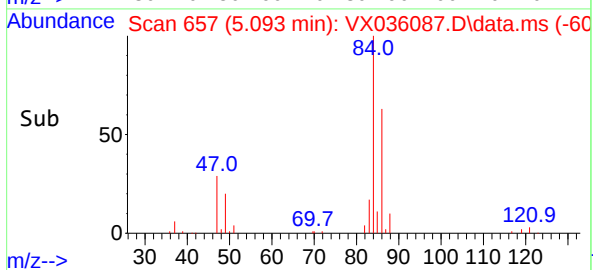
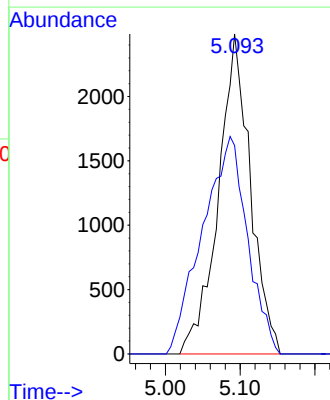
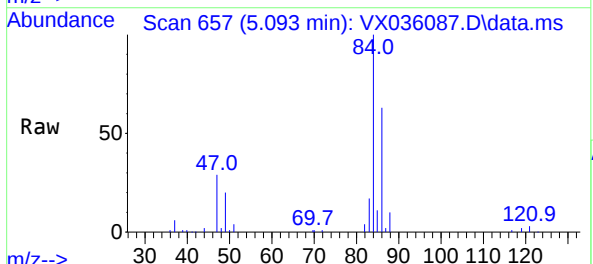
Instrument :
MSVOA_X
ClientSampleId :
EZERO

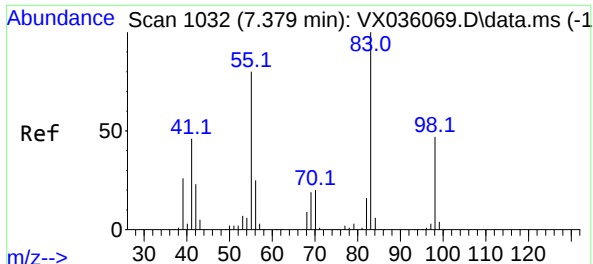
Tgt Ion: 96 Resp: 1039
Ion Ratio Lower Upper
96 100
61 2162.5 132.5 246.1#
63 16376.6 95.1 176.7#



#25
Chloroform
Concen: 1.626 ug/L
RT: 5.093 min Scan# 657
Delta R.T. 0.000 min
Lab File: VX036087.D
Acq: 08 Jun 2023 21:45

Tgt Ion: 83 Resp: 7413
Ion Ratio Lower Upper
83 100
85 65.1 45.0 83.6

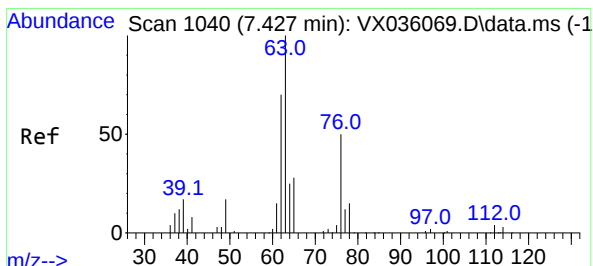
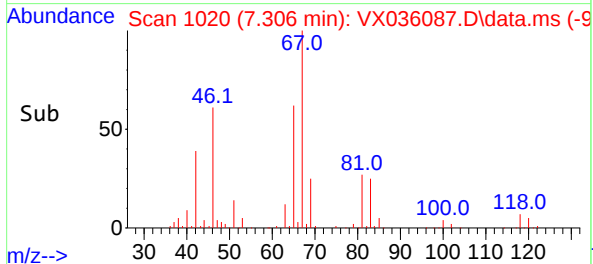
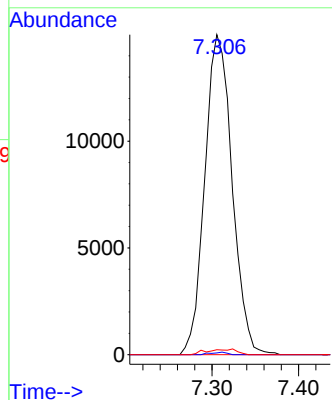
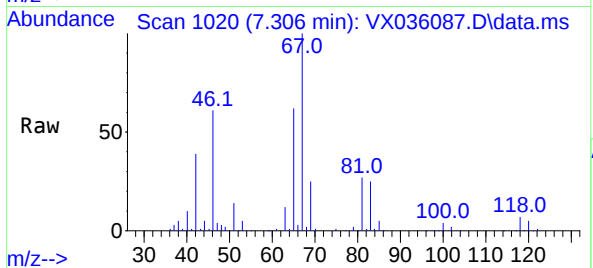




#35
Methylcyclohexane
Concen: 9.130 ug/L
RT: 7.306 min Scan# 10
Delta R.T. -0.073 min
Lab File: VX036087.D
Acq: 08 Jun 2023 21:45

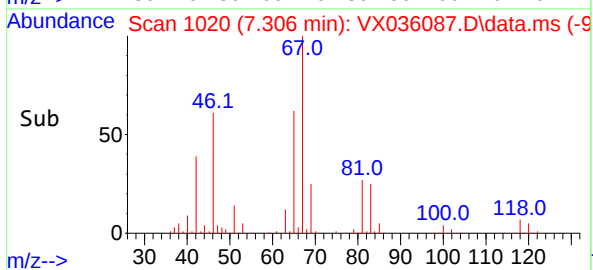
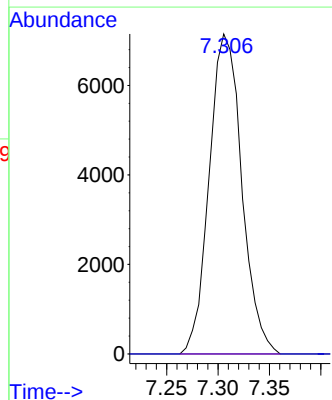
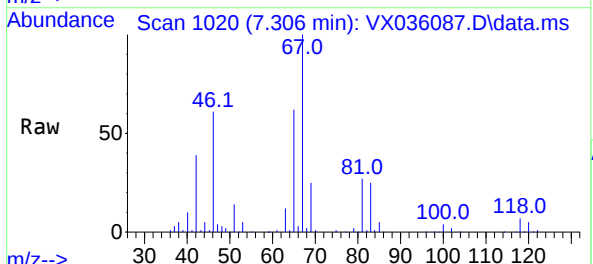
Instrument :
MSVOA_X
ClientSampleId :
EZERO

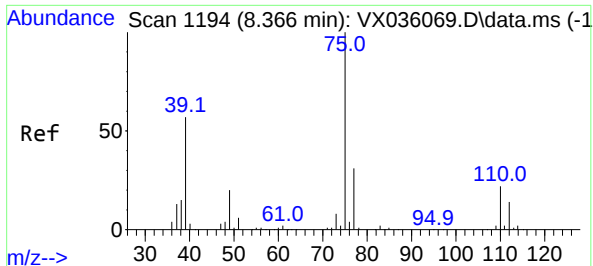
Tgt Ion: 83 Resp: 32897
Ion Ratio Lower Upper
83 100
55 0.3 65.4 98.2#
98 0.9 39.0 58.6#



#37
1,2-Dichloropropane
Concen: 6.595 ug/L
RT: 7.306 min Scan# 1020
Delta R.T. -0.122 min
Lab File: VX036087.D
Acq: 08 Jun 2023 21:45

Tgt Ion: 63 Resp: 15776
Ion Ratio Lower Upper
63 100
112 0.0 3.5 5.3#





#39

cis-1,3-Dichloropropene

Concen: 1.059 ug/L

RT: 8.324 min Scan# 1187

Delta R.T. -0.043 min

Lab File: VX036087.D

Acq: 08 Jun 2023 21:45

Instrument :

MSVOA_X

ClientSampleId :

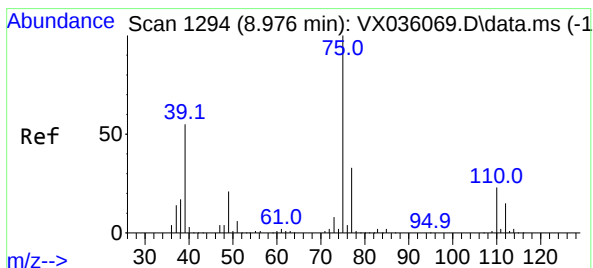
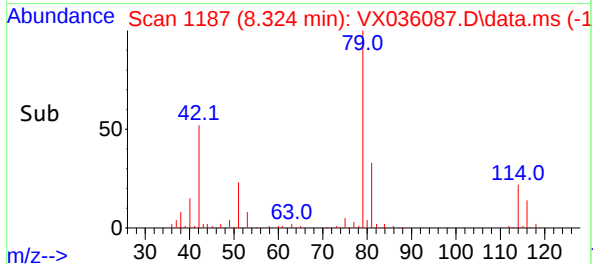
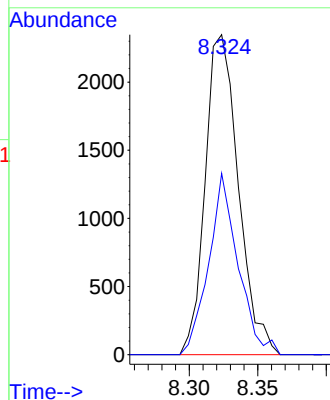
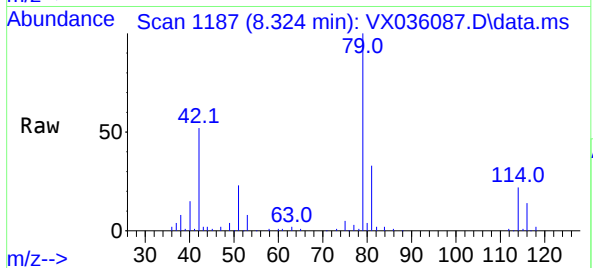
EZERO

Tgt Ion: 75 Resp: 3956

Ion Ratio Lower Upper

75 100

77 56.6 21.9 40.7#



#44

trans-1,3-Dichloropropene

Concen: 0.710 ug/L

RT: 8.945 min Scan# 1289

Delta R.T. -0.030 min

Lab File: VX036087.D

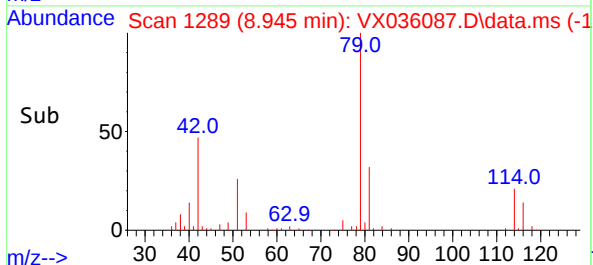
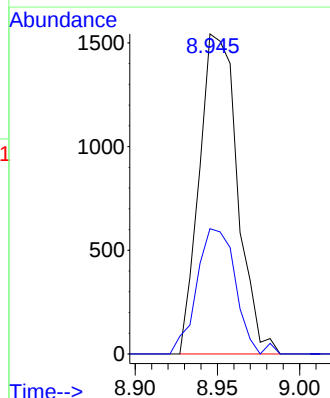
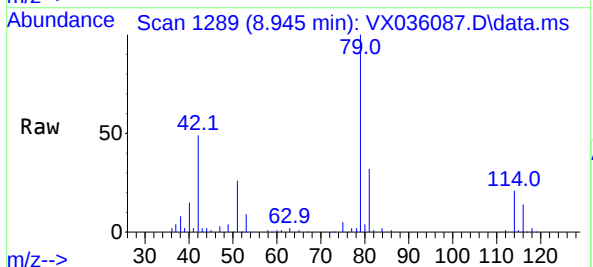
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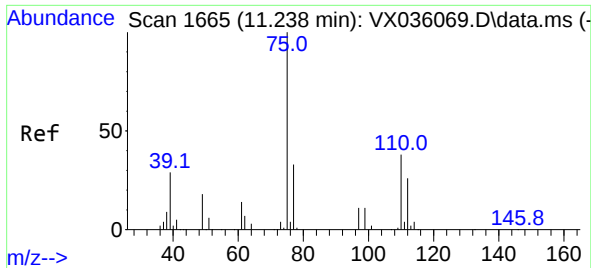
Tgt Ion: 75 Resp: 2486

Ion Ratio Lower Upper

75 100

77 39.1 22.0 41.0





#61
1,2,3-Trichloropropane
Concen: 6.105 ug/L
RT: 12.018 min Scan# 11
Delta R.T. 0.780 min
Lab File: VX036087.D
Acq: 08 Jun 2023 21:45

Instrument :
MSVOA_X
ClientSampleId :
EZERO

Tgt Ion: 75 Resp: 16380
Ion Ratio Lower Upper
75 100
77 34.2 25.2 37.8
110 3.5 31.8 47.6#

