

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121923\
 Data File : VX039373.D
 Acq On : 19 Dec 2023 21:38
 Operator : JC/MD
 Sample : 05807-04 5X
 Misc : 2.46g/5mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 20 02:21:04 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML120523WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Dec 20 00:14:00 2023
 Response via : Initial Calibration

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

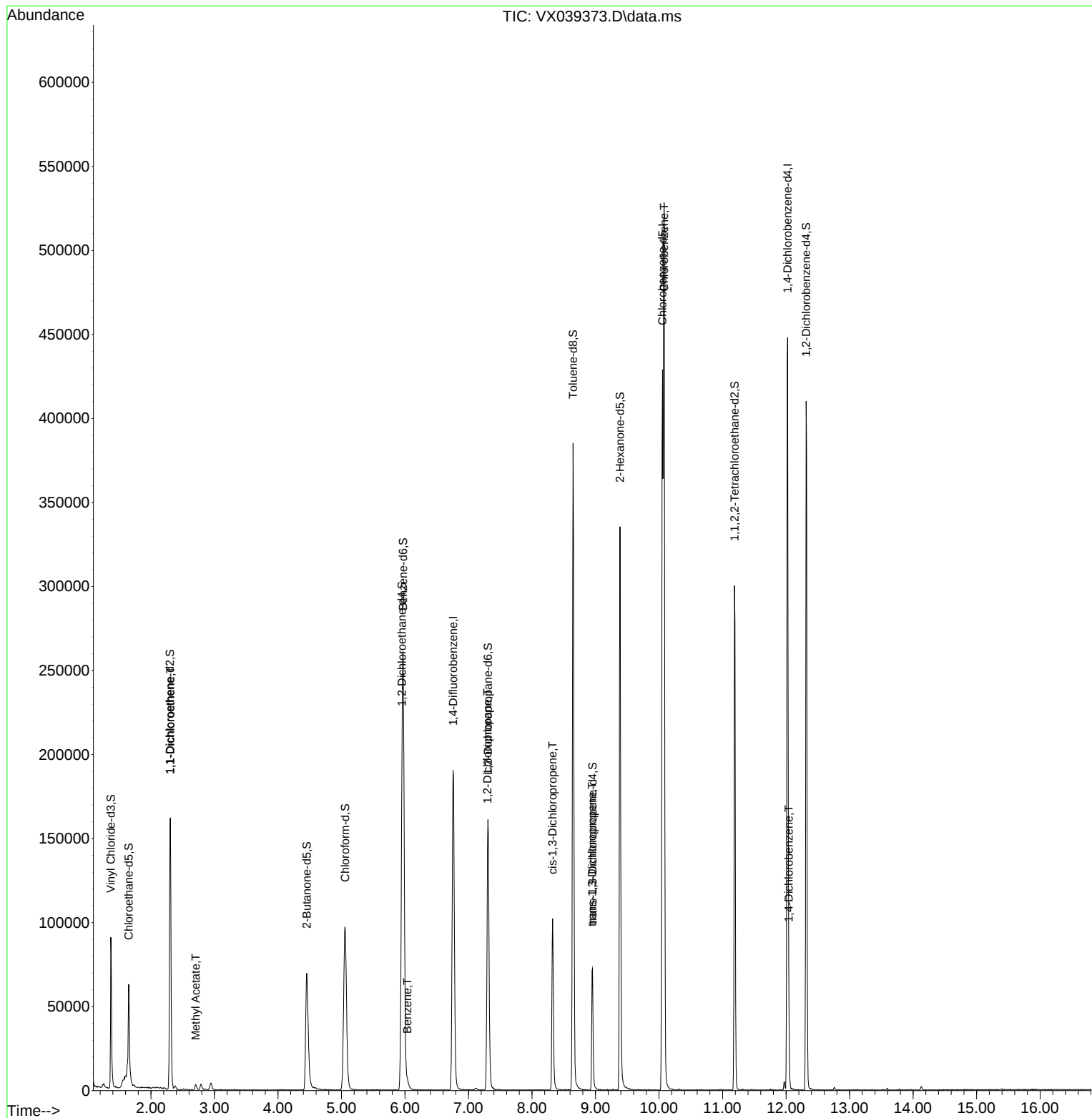
Internal Standards						
1) 1,4-Difluorobenzene	6.757	114	187381	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	173061	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	85592	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	63715	43.352	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.700%
7) Chloroethane-d5	1.648	69	44286	40.766	ug/L	-0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	81.540%
11) 1,1-Dichloroethene-d2	2.300	65	30502	47.279	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.560%
21) 2-Butanone-d5	4.452	46	125700	94.484	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	94.480%
24) Chloroform-d	5.056	84	122489	47.080	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.160%
26) 1,2-Dichloroethane-d4	5.952	65	88846	52.729	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.460%
32) Benzene-d6	5.970	84	252703	47.314	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.620%
36) 1,2-Dichloropropane-d6	7.305	67	82844	48.198	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.400%
41) Toluene-d8	8.647	98	218499	45.143	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.280%
43) trans-1,3-Dichloroprop...	8.951	79	34116	39.003	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.000%
47) 2-Hexanone-d5	9.384	63	92516	90.118	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	90.120%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	115248	47.265	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.520%
66) 1,2-Dichlorobenzene-d4	12.317	152	74992	46.353	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.700%
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.306	96	665	0.551	ug/L #	1
15) Methyl Acetate	2.703	43	4023	2.202	ug/L	96
33) Benzene	6.037	78	5184	0.943	ug/L	100
37) 1,2-Dichloropropane	7.299	63	9500	6.228	ug/L #	89
39) cis-1,3-Dichloropropene	8.324	75	2507	1.031	ug/L	92
44) trans-1,3-Dichloropropene	8.945	75	1932	0.856	ug/L	89
51) Chlorobenzene	10.079	112	213815	59.353	ug/L	98
65) 1,4-Dichlorobenzene	12.042	146	13620	5.021	ug/L	95

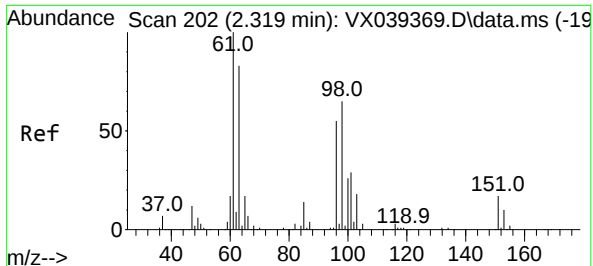
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM120523WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Dec 20 00:14:00 2023
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.551 ug/L

RT: 2.306 min Scan# 20

Delta R.T. -0.012 min

Lab File: VX039373.D

Acq: 19 Dec 2023 21:38

Instrument :

MSVOA_X

ClientSampleId :

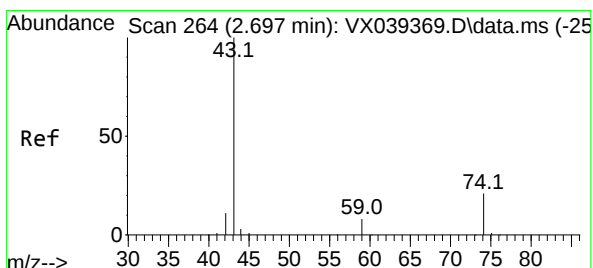
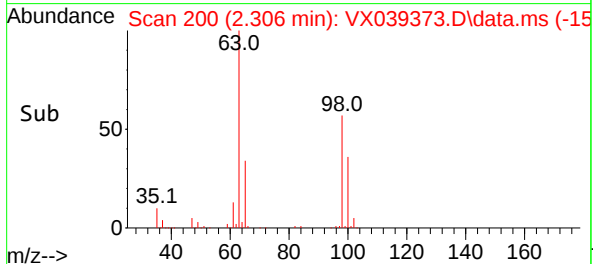
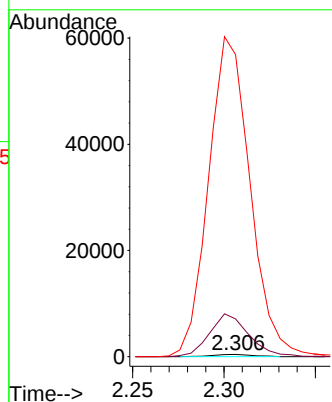
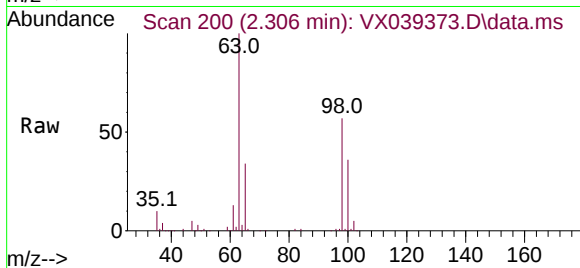
Tgt Ion: 96 Resp: 665

Ion Ratio Lower Upper

96 100

61 1700.7 128.0 237.6#

63 13584.7 101.5 188.5#



#15

Methyl Acetate

Concen: 2.202 ug/L

RT: 2.703 min Scan# 265

Delta R.T. 0.006 min

Lab File: VX039373.D

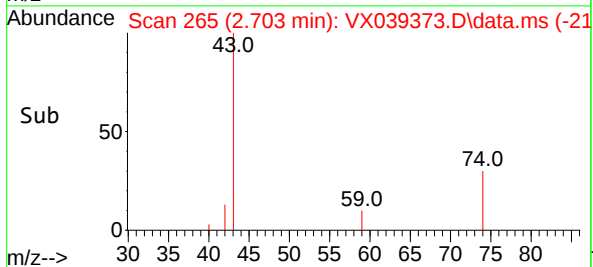
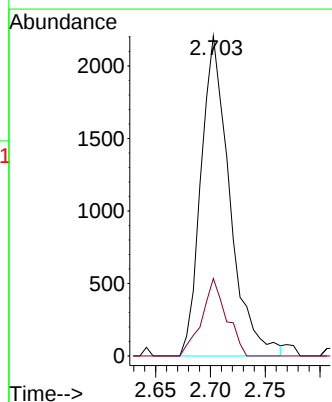
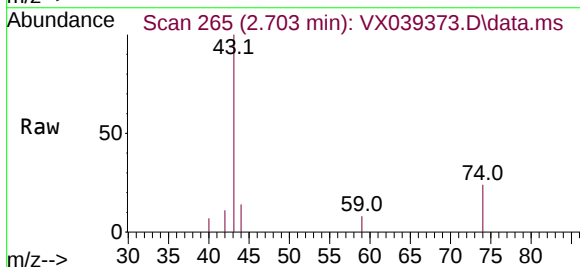
Acq: 19 Dec 2023 21:38

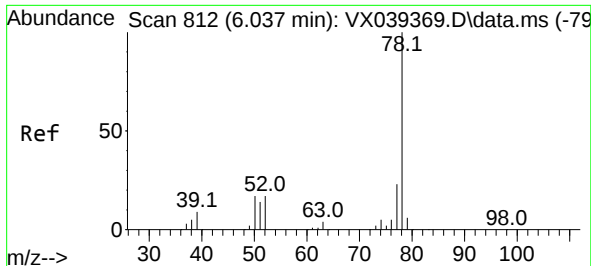
Tgt Ion: 43 Resp: 4023

Ion Ratio Lower Upper

43 100

74 20.7 18.2 27.4

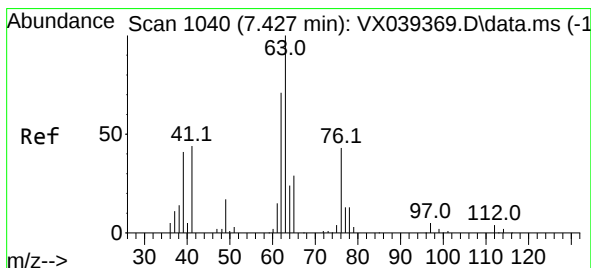
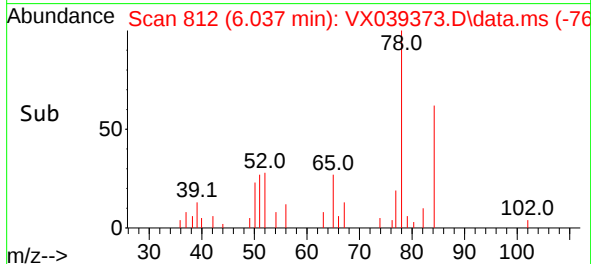
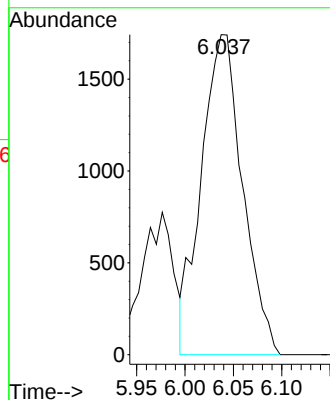
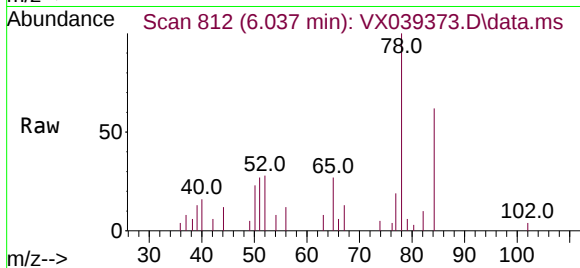




#33
Benzene
Concen: 0.943 ug/L
RT: 6.037 min Scan# 812
Delta R.T. -0.000 min
Lab File: VX039373.D
Acq: 19 Dec 2023 21:38

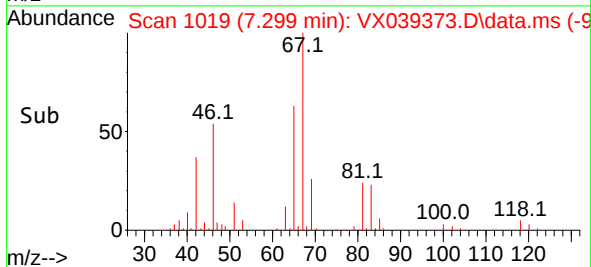
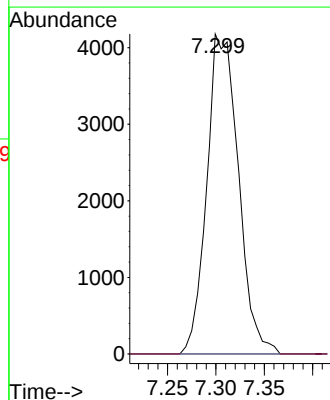
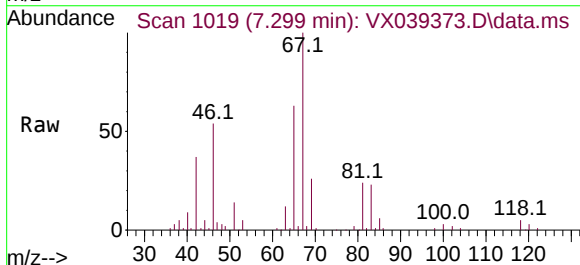
Instrument :
MSVOA_X
ClientSampleId :

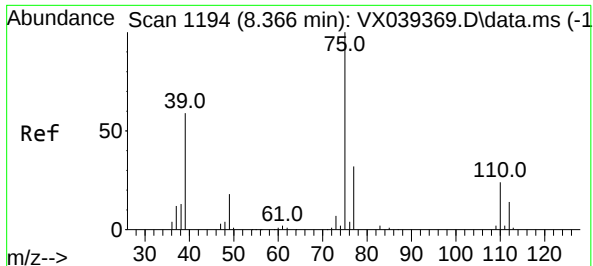
Tgt Ion: 78 Resp: 5184



#37
1,2-Dichloropropane
Concen: 6.228 ug/L
RT: 7.299 min Scan# 1019
Delta R.T. -0.128 min
Lab File: VX039373.D
Acq: 19 Dec 2023 21:38

Tgt Ion: 63 Resp: 9500
Ion Ratio Lower Upper
63 100
112 0.0 2.8 4.2#





#39

cis-1,3-Dichloropropene

Concen: 1.031 ug/L

RT: 8.324 min Scan# 1187

Delta R.T. -0.043 min

Lab File: VX039373.D

Acq: 19 Dec 2023 21:38

Instrument :

MSVOA_X

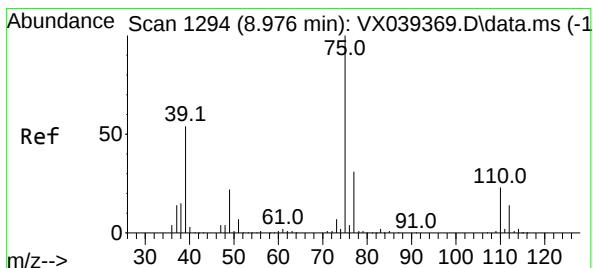
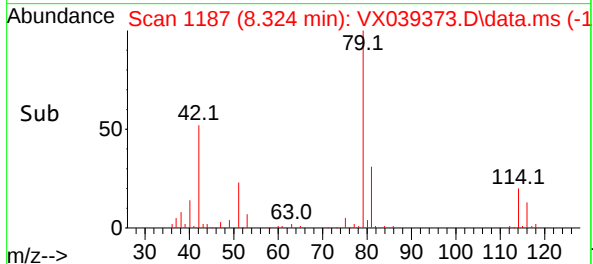
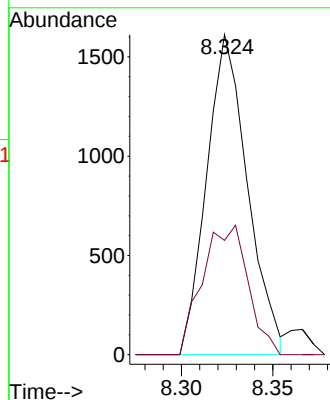
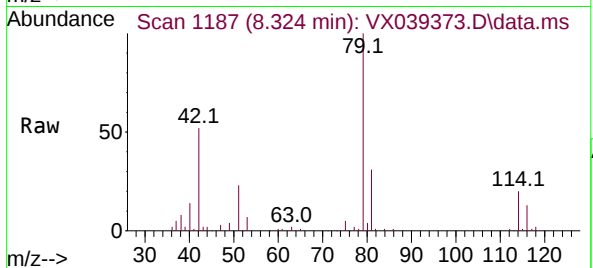
ClientSampleId :

Tgt Ion: 75 Resp: 2507

Ion Ratio Lower Upper

75 100

77 35.7 22.0 40.8



#44

trans-1,3-Dichloropropene

Concen: 0.856 ug/L

RT: 8.945 min Scan# 1289

Delta R.T. -0.030 min

Lab File: VX039373.D

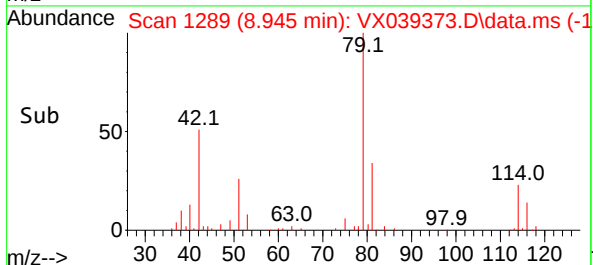
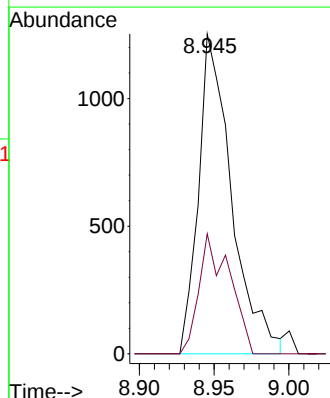
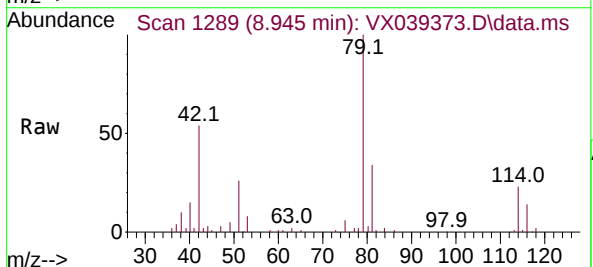
Acq: 19 Dec 2023 21:38

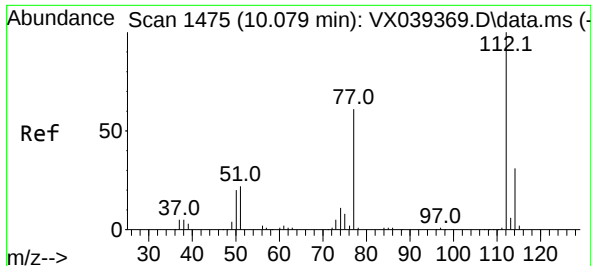
Tgt Ion: 75 Resp: 1932

Ion Ratio Lower Upper

75 100

77 37.5 22.0 40.8

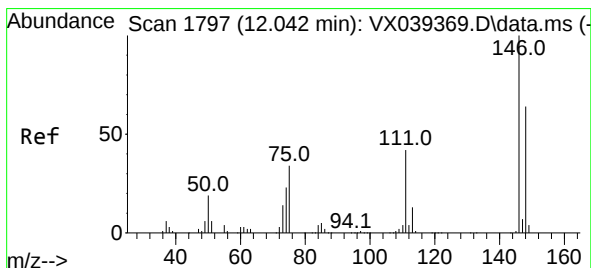
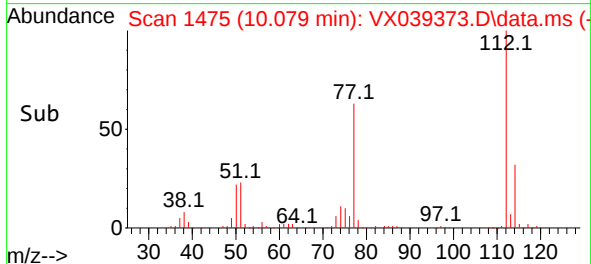
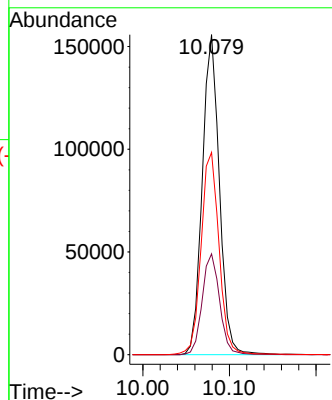
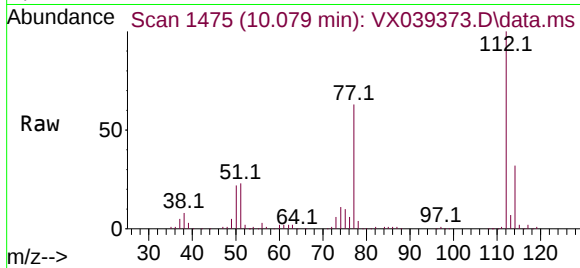




#51
Chlorobenzene
Concen: 59.353 ug/L
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX039373.D
Acq: 19 Dec 2023 21:38

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:112 Resp: 213815
Ion Ratio Lower Upper
112 100
114 31.5 21.8 40.4
77 63.2 49.0 73.6



#65
1,4-Dichlorobenzene
Concen: 5.021 ug/L
RT: 12.042 min Scan# 1797
Delta R.T. -0.000 min
Lab File: VX039373.D
Acq: 19 Dec 2023 21:38

Tgt Ion:146 Resp: 13620
Ion Ratio Lower Upper
146 100
111 44.7 29.7 55.1
148 60.7 45.8 85.2

