

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121123\
 Data File : VX039144.D
 Acq On : 11 Dec 2023 15:22
 Operator : JC/MD
 Sample : 05646-17DL 400X
 Misc : 2.35g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 C0AS4DL

Quant Time: Dec 12 03:55:03 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML120523WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Dec 12 03:50:51 2023
 Response via : Initial Calibration

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

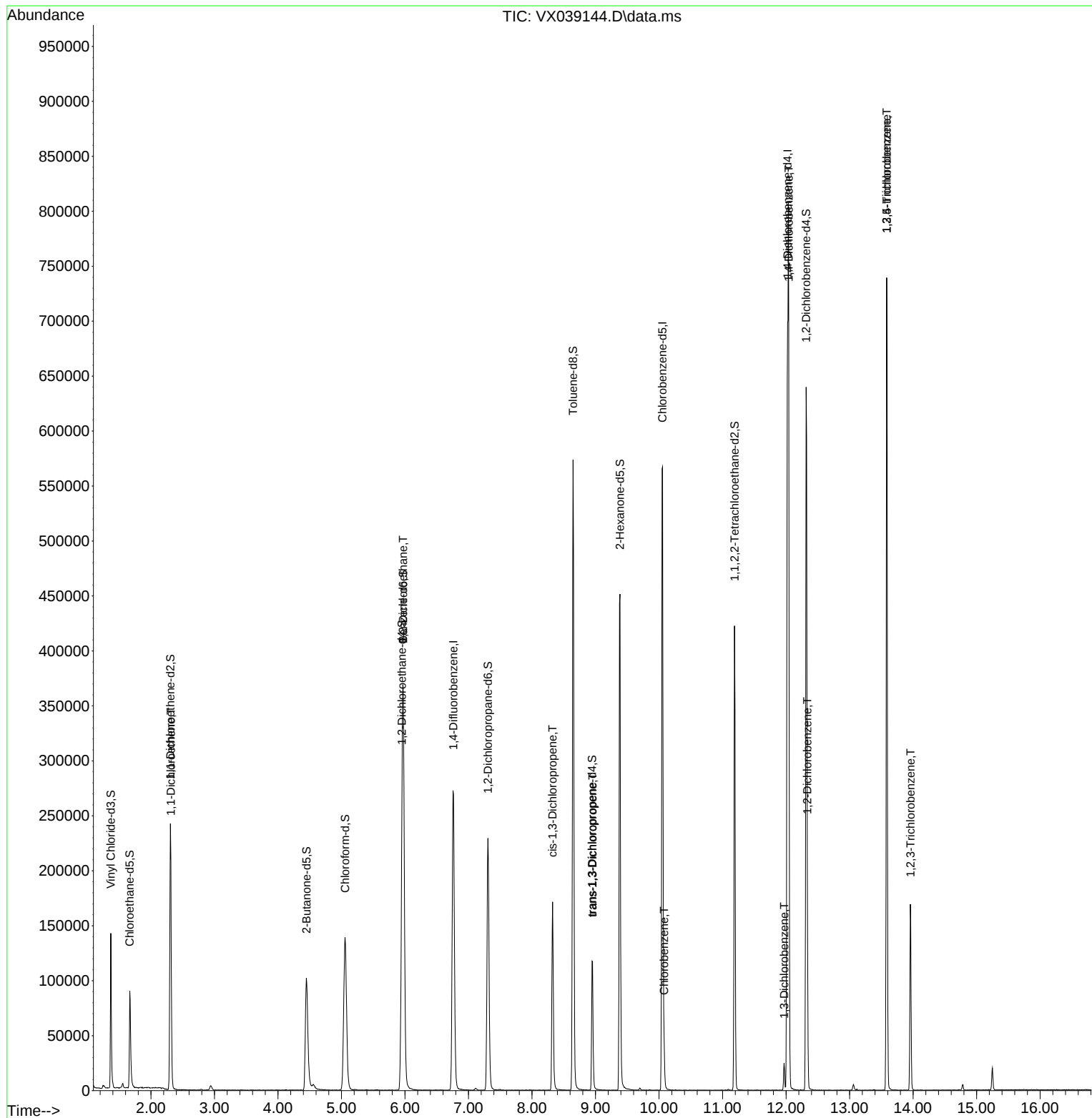
Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	273816	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	248900	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	117310	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	87518	40.750	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	81.500%
7) Chloroethane-d5	1.666	69	65511	41.268	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	82.540%
11) 1,1-Dichloroethene-d2	2.307	65	44047	46.722	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.440%
21) 2-Butanone-d5	4.446	46	182009	93.623	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	93.620%
24) Chloroform-d	5.056	84	174678	45.945	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.900%
26) 1,2-Dichloroethane-d4	5.952	65	120479	48.931	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.860%
32) Benzene-d6	5.970	84	365185	47.541	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.080%
36) 1,2-Dichloropropane-d6	7.306	67	117973	47.722	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.440%
41) Toluene-d8	8.647	98	329150	47.283	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.560%
43) trans-1,3-Dichloroprop...	8.946	79	57657	45.832	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.660%
47) 2-Hexanone-d5	9.384	63	132500	89.740	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	89.740%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	164726	46.972	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.940%
66) 1,2-Dichlorobenzene-d4	12.317	152	113494	51.184	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.360%
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.313	96	1076	0.610	ug/L #	1
27) 1,2-Dichloroethane	5.970	62	2250	0.778	ug/L	98
39) cis-1,3-Dichloropropene	8.324	75	4160	1.189	ug/L #	81
44) trans-1,3-Dichloropropene	8.952	75	3043	0.937	ug/L	100
51) Chlorobenzene	10.079	112	12639	2.439	ug/L #	86
64) 1,3-Dichlorobenzene	11.969	146	6821	1.859	ug/L	95
65) 1,4-Dichlorobenzene	12.043	146	211332	56.842	ug/L	97
67) 1,2-Dichlorobenzene	12.335	146	40414	11.515	ug/L	99
69) 1,3,5-Trichlorobenzene	13.585	180	146402	60.338	ug/L	100
70) 1,2,4-trichlorobenzene	13.585	180	146402	64.004	ug/L	99
72) 1,2,3-Trichlorobenzene	13.963	180	35418	15.991	ug/L	100

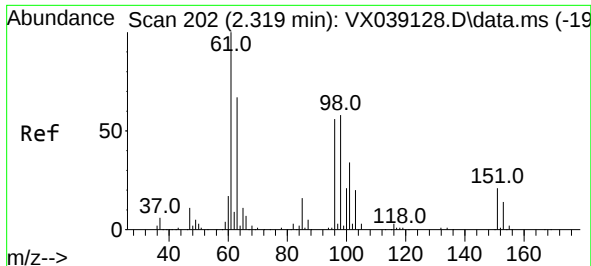
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Tue Dec 12 03:50:51 2023
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.610 ug/L

RT: 2.313 min Scan# 20

Delta R.T. -0.006 min

Lab File: VX039144.D

Acq: 11 Dec 2023 15:22

Instrument :

MSVOA_X

ClientSampleId :

C0AS4DL

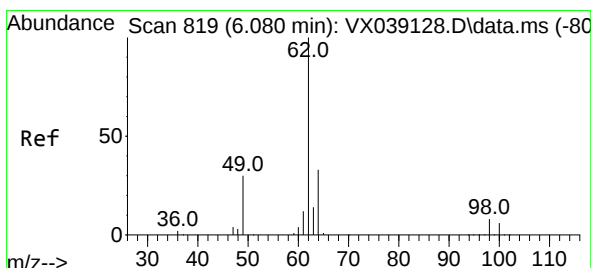
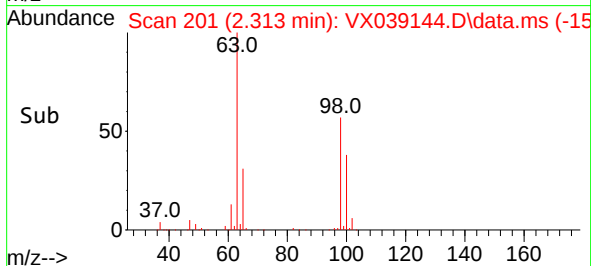
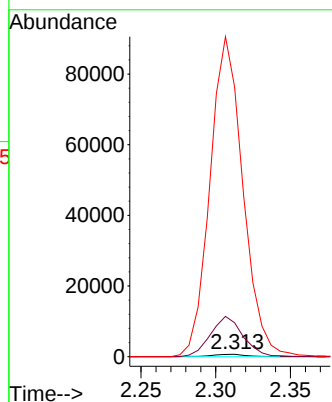
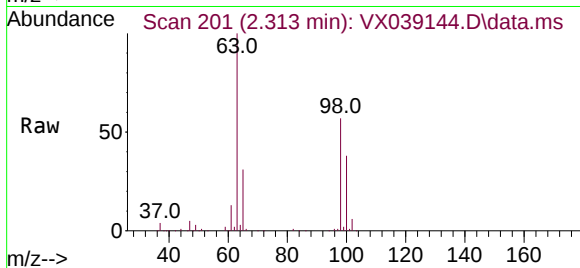
Tgt Ion: 96 Resp: 1076

Ion Ratio Lower Upper

96 100

61 1408.4 128.0 237.6#

63 11196.5 101.5 188.5#



#27

1,2-Dichloroethane

Concen: 0.778 ug/L

RT: 5.970 min Scan# 801

Delta R.T. -0.110 min

Lab File: VX039144.D

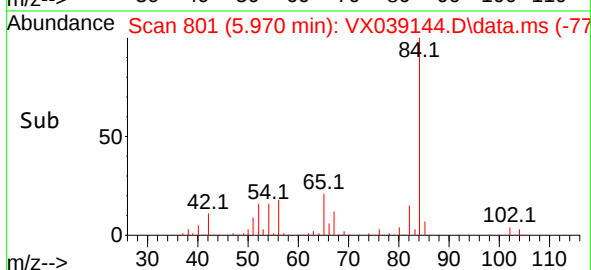
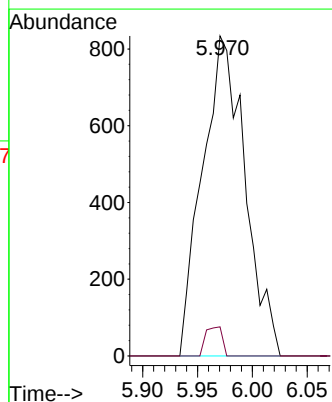
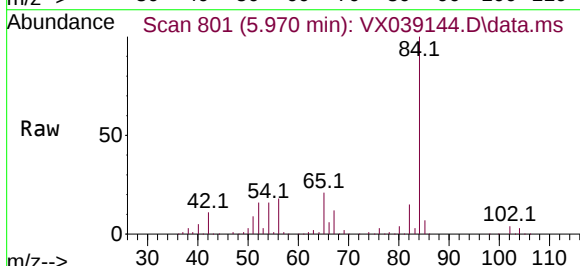
Acq: 11 Dec 2023 15:22

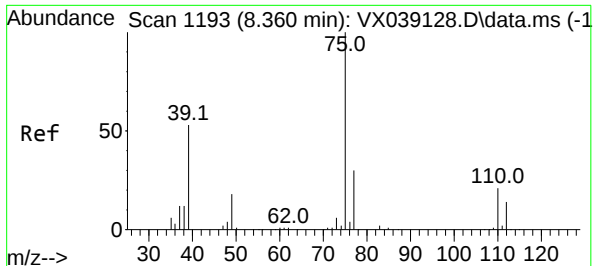
Tgt Ion: 62 Resp: 2250

Ion Ratio Lower Upper

62 100

98 9.1 8.0 12.0





#39

cis-1,3-Dichloropropene

Concen: 1.189 ug/L

RT: 8.324 min Scan# 1187

Delta R.T. -0.037 min

Lab File: VX039144.D

Acq: 11 Dec 2023 15:22

Instrument :

MSVOA_X

ClientSampleId :

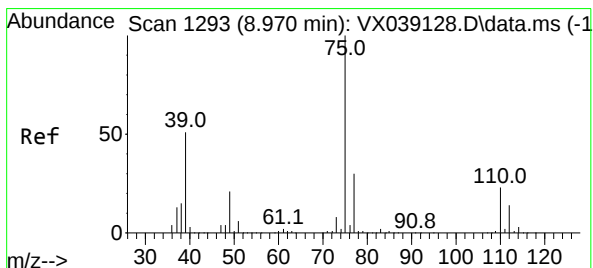
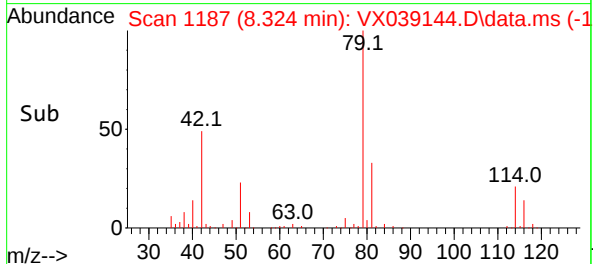
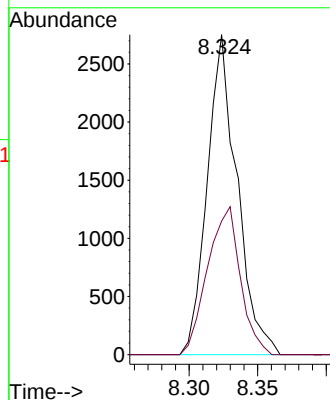
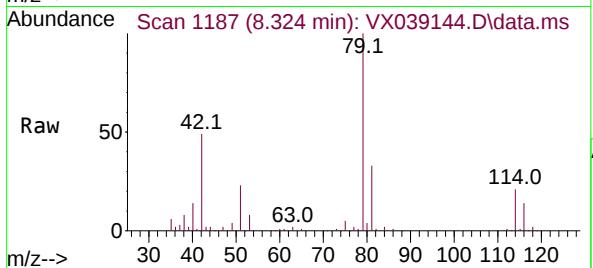
C0AS4DL

Tgt Ion: 75 Resp: 4160

Ion Ratio Lower Upper

75 100

77 41.8 22.0 40.8#



#44

trans-1,3-Dichloropropene

Concen: 0.937 ug/L

RT: 8.952 min Scan# 1290

Delta R.T. -0.018 min

Lab File: VX039144.D

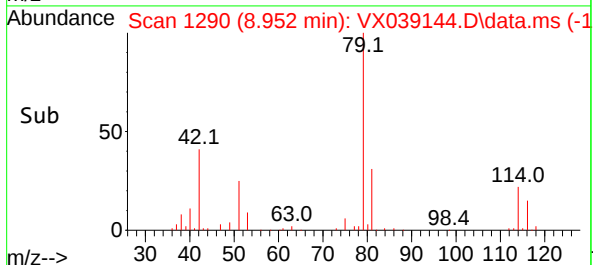
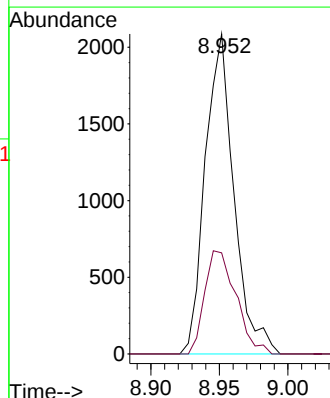
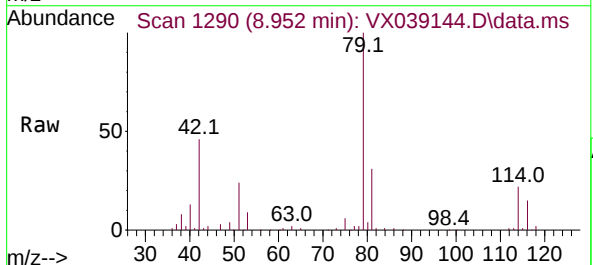
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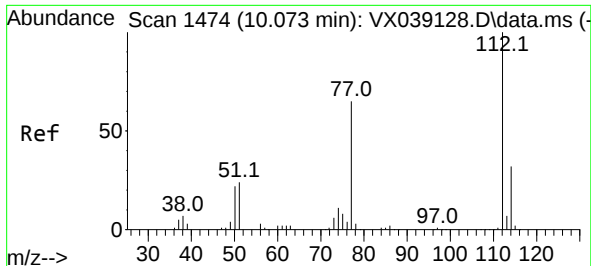
Tgt Ion: 75 Resp: 3043

Ion Ratio Lower Upper

75 100

77 31.6 22.0 40.8

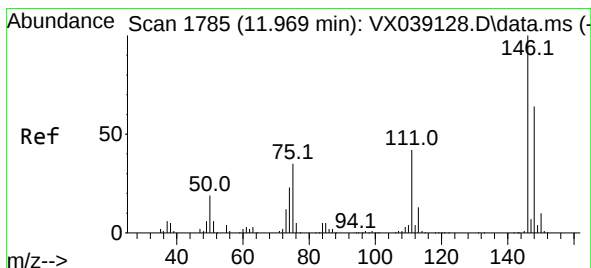
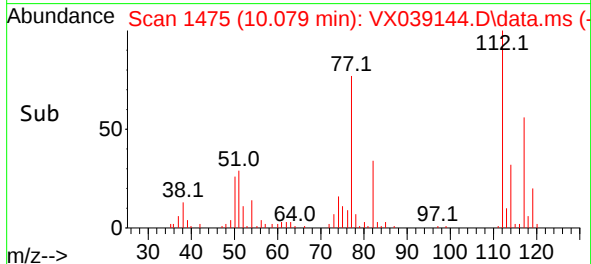
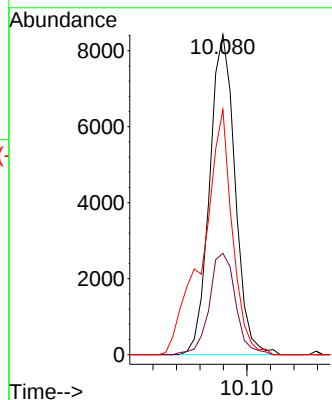
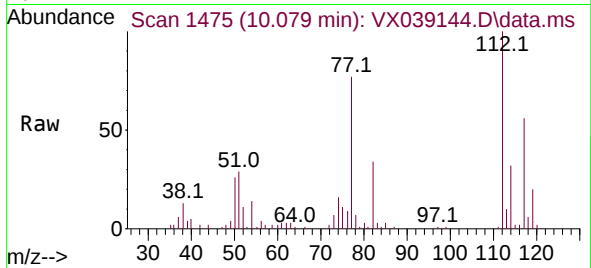




#51
Chlorobenzene
Concen: 2.439 ug/L
RT: 10.079 min Scan# 1474
Delta R.T. 0.006 min
Lab File: VX039144.D
Acq: 11 Dec 2023 15:22

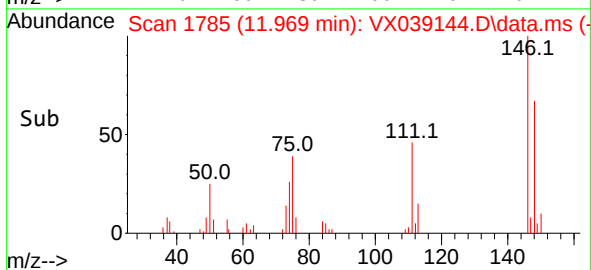
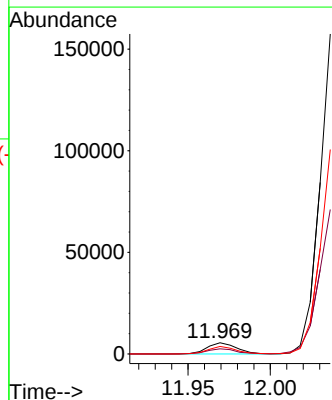
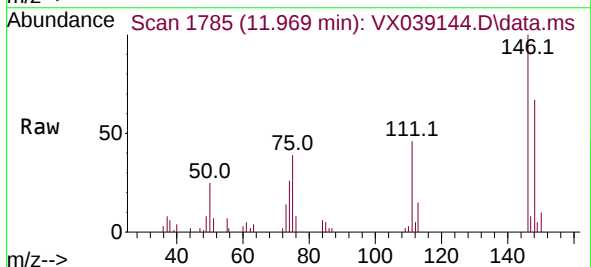
Instrument :
MSVOA_X
ClientSampleId :
C0AS4DL

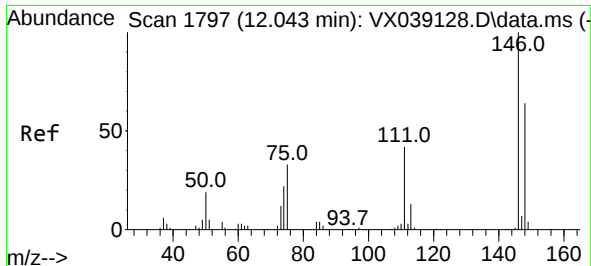
Tgt Ion:112 Resp: 12639
Ion Ratio Lower Upper
112 100
114 31.7 21.8 40.4
77 76.6 49.0 73.6#



#64
1,3-Dichlorobenzene
Concen: 1.859 ug/L
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX039144.D
Acq: 11 Dec 2023 15:22

Tgt Ion:146 Resp: 6821
Ion Ratio Lower Upper
146 100
111 45.8 30.0 55.6
148 66.9 44.2 82.0

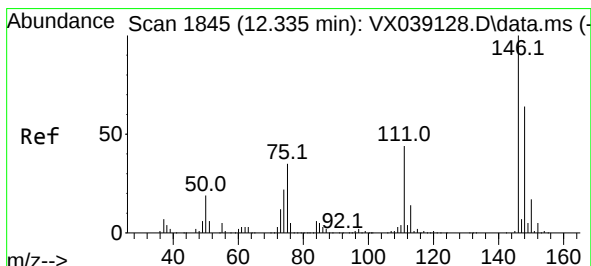
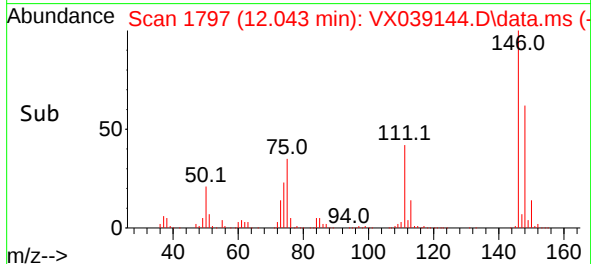
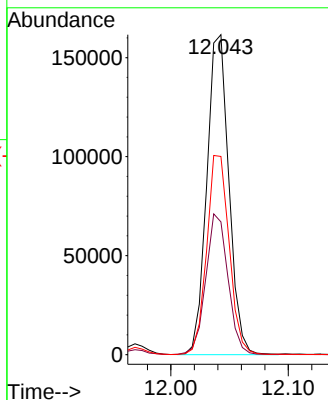
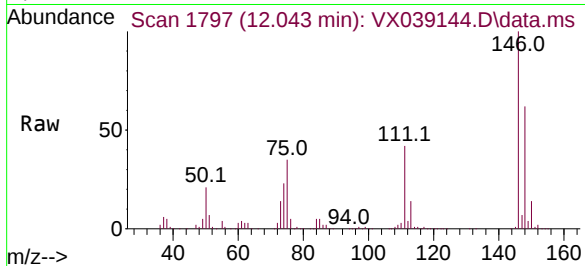




#65
1,4-Dichlorobenzene
Concen: 56.842 ug/L
RT: 12.043 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX039144.D
Acq: 11 Dec 2023 15:22

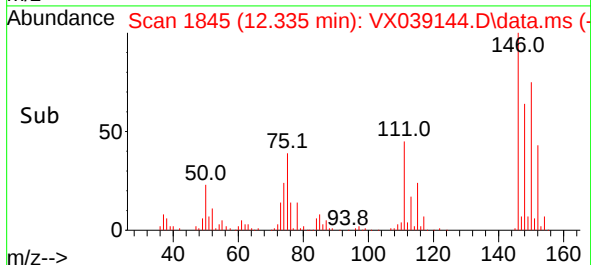
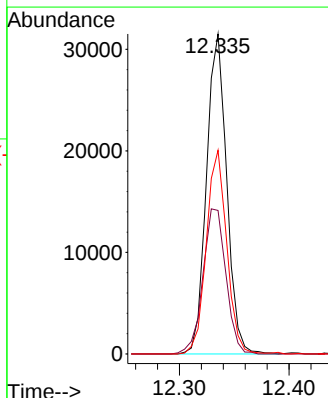
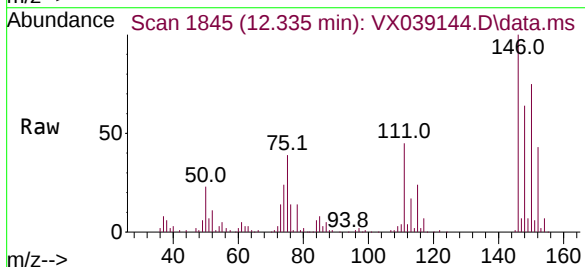
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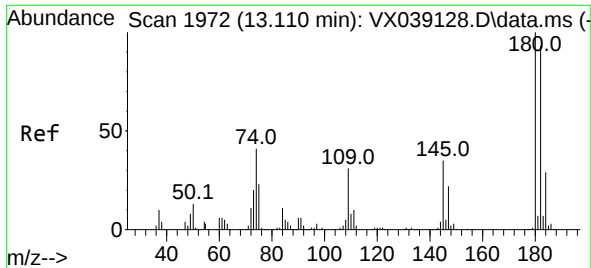
Tgt Ion:146 Resp: 211332
Ion Ratio Lower Upper
146 100
111 41.5 29.7 55.1
148 62.0 45.8 85.2



#67
1,2-Dichlorobenzene
Concen: 11.515 ug/L
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX039144.D
Acq: 11 Dec 2023 15:22

Tgt Ion:146 Resp: 40414
Ion Ratio Lower Upper
146 100
111 44.8 36.4 54.6
148 63.7 50.0 75.0

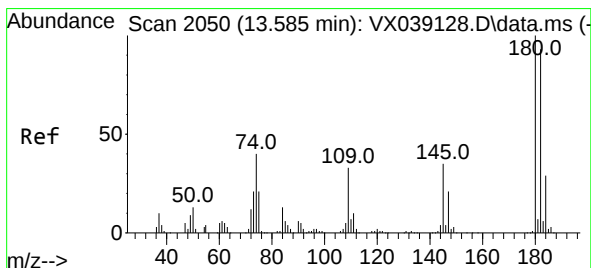
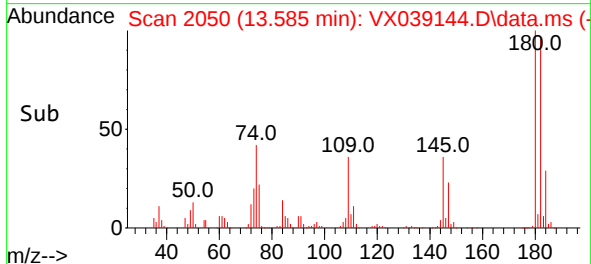
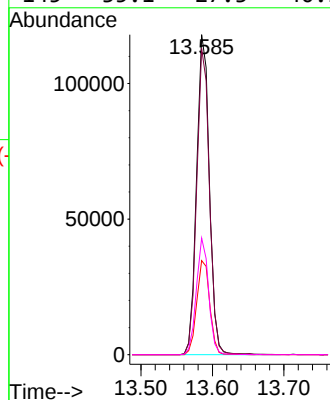
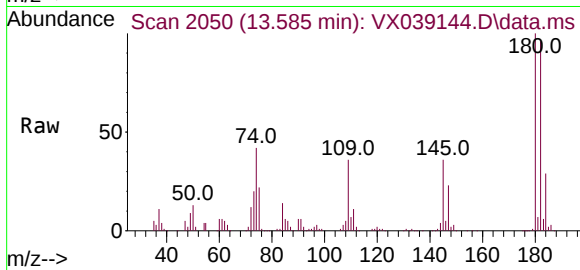




#69
 1,3,5-Trichlorobenzene
 Concen: 60.338 ug/L
 RT: 13.585 min Scan# 2050
 Delta R.T. 0.475 min
 Lab File: VX039144.D
 Acq: 11 Dec 2023 15:22

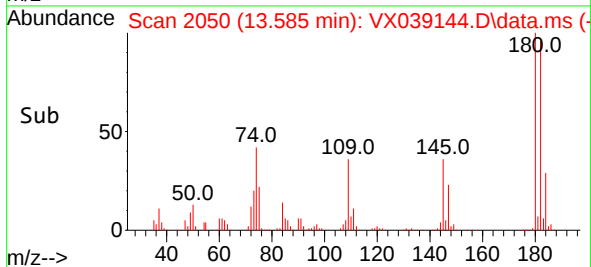
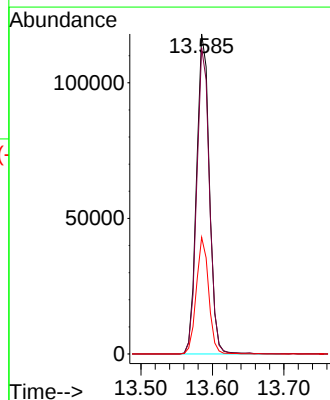
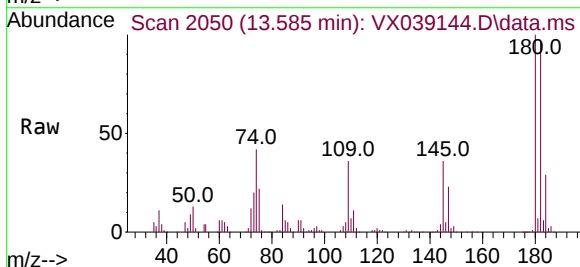
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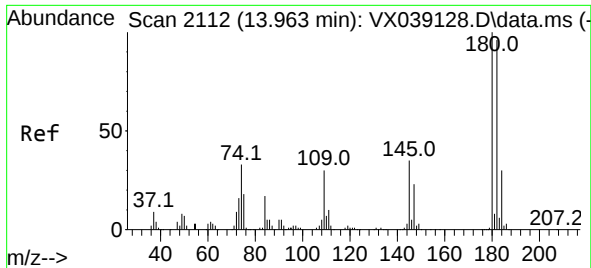
Tgt Ion:180 Resp: 146402
 Ion Ratio Lower Upper
 180 100
 182 95.1 76.1 114.1
 184 29.9 24.1 36.1
 145 35.1 27.3 40.9



#70
 1,2,4-trichlorobenzene
 Concen: 64.004 ug/L
 RT: 13.585 min Scan# 2050
 Delta R.T. -0.000 min
 Lab File: VX039144.D
 Acq: 11 Dec 2023 15:22

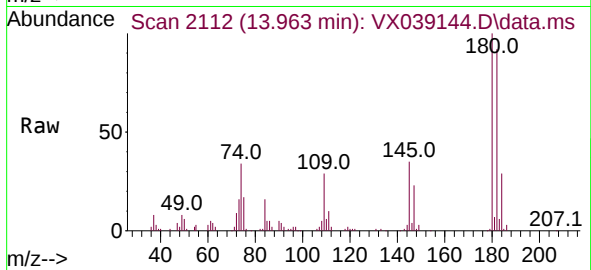
Tgt Ion:180 Resp: 146402
 Ion Ratio Lower Upper
 180 100
 182 95.1 76.8 115.2
 145 35.1 27.8 41.6





#72
 1,2,3-Trichlorobenzene
 Concen: 15.991 ug/L
 RT: 13.963 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VX039144.D
 Acq: 11 Dec 2023 15:22

Instrument :
 MSVOA_X
 ClientSampleId :
 C0AS4DL



Tgt Ion:180 Resp: 35418
 Ion Ratio Lower Upper
 180 100
 182 95.0 75.9 113.9
 145 36.1 28.6 42.8

