

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030824\
 Data File : VX040614.D
 Acq On : 07 Mar 2024 09:48
 Operator : JC/MD
 Sample : VX0308MBL01
 Misc : 5.00g/5mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Mar 08 01:28:08 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML030724WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 08 01:27:40 2024
 Response via : Initial Calibration

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

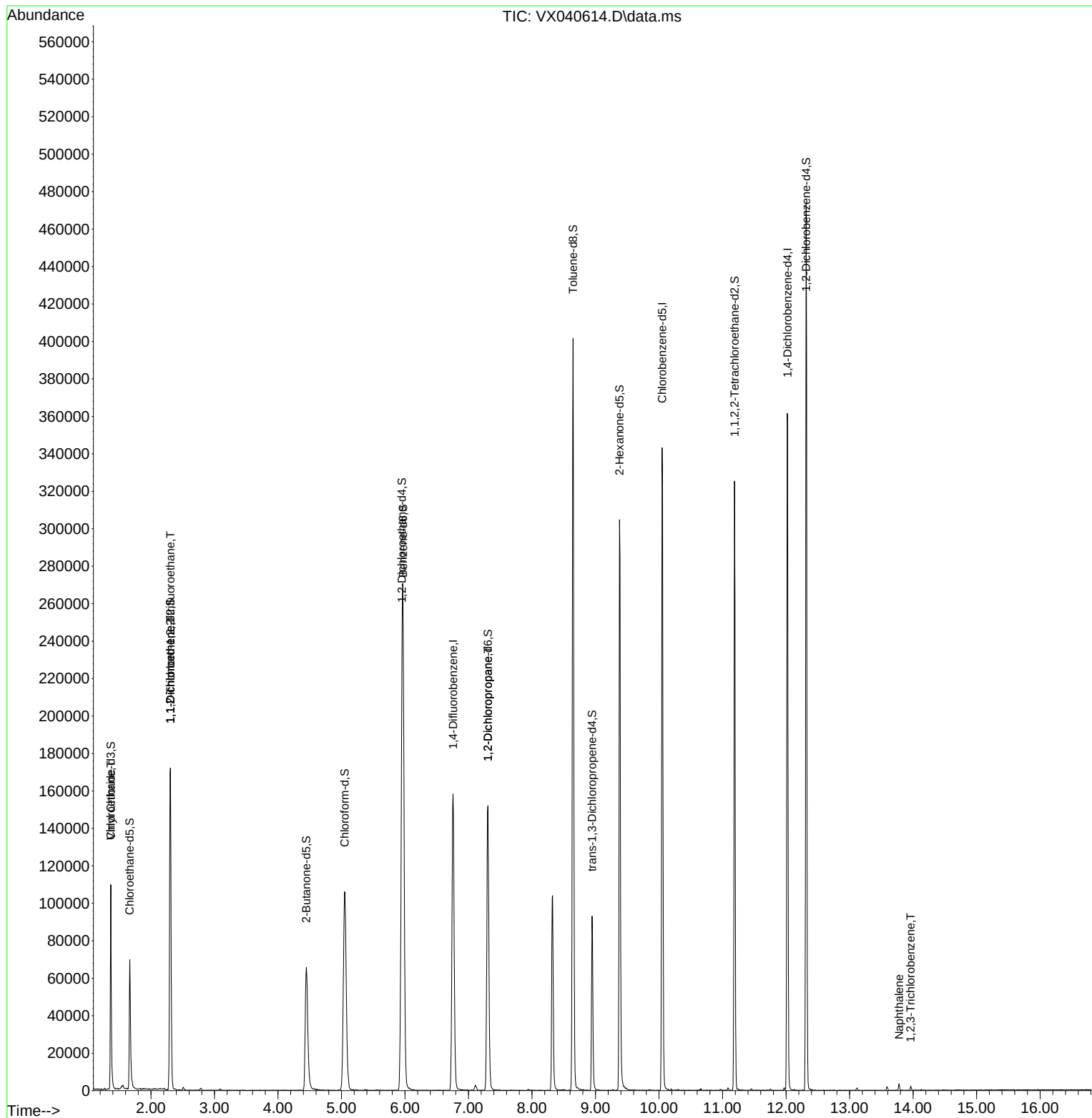
Internal Standards						
1) 1,4-Difluorobenzene	6.757	114	153295	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.049	117	144951	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	71586	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	68986	51.338	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	102.680%
7) Chloroethane-d5	1.666	69	51788	48.273	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.540%
11) 1,1-Dichloroethene-d2	2.306	65	32795	53.016	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	106.040%
21) 2-Butanone-d5	4.446	46	113660	110.225	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	110.220%
24) Chloroform-d	5.050	84	133432	53.470	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.940%
26) 1,2-Dichloroethane-d4	5.952	65	101896	54.691	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	109.380%
32) Benzene-d6	5.970	84	251587	56.574	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	113.140%
36) 1,2-Dichloropropane-d6	7.306	67	72222	52.401	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	104.800%
41) Toluene-d8	8.647	98	222431	51.901	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.800%
43) trans-1,3-Dichloroprop...	8.945	79	41834	57.029	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	114.060%
47) 2-Hexanone-d5	9.378	63	82895	109.003	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	109.000%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	114102	55.294	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	110.580%
66) 1,2-Dichlorobenzene-d4	12.317	152	87794	58.555	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	117.120%
Target Compounds			Qvalue			
8) Chloroethane	1.368	64	982	1.331	ug/L #	1
10) 1,1,2-Trichloro-1,2,2-...	2.306	101	1006	0.947	ug/L #	20
12) 1,1-Dichloroethene	2.306	96	922	0.987	ug/L #	1
37) 1,2-Dichloropropane	7.306	63	9791	9.498	ug/L #	88
71) Naphthalene	13.780	128	2625	0.631	ug/L	98
72) 1,2,3-Trichlorobenzene	13.963	180	783	0.607	ug/L #	78

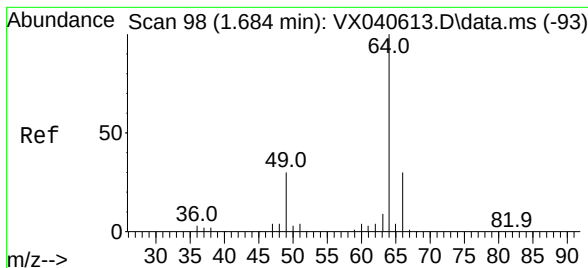
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#8

Chloroethane

Concen: 1.331 ug/L

RT: 1.368 min Scan# 4

Delta R.T. -0.317 min

Lab File: VX040614.D

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Instrument :

MSVOA_X

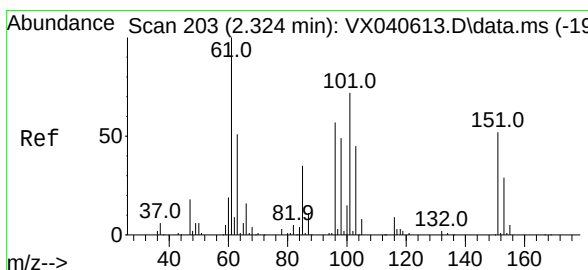
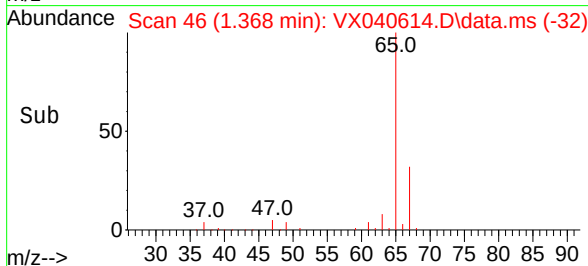
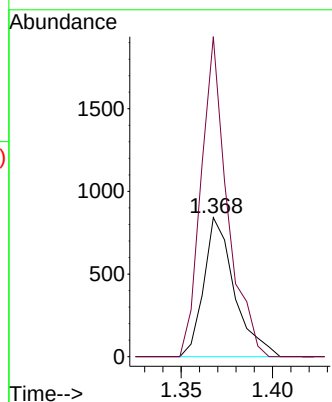
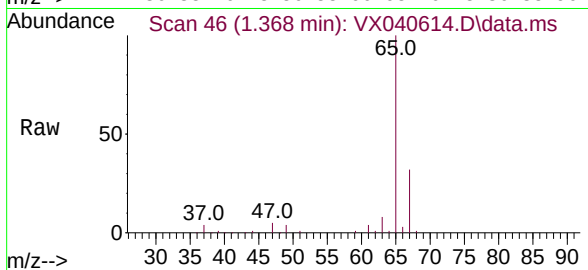
ClientSampleId :

Tgt Ion: 64 Resp: 982

Ion Ratio Lower Upper

64 100

66 230.2 25.0 46.4#



#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.947 ug/L

RT: 2.306 min Scan# 200

Delta R.T. -0.018 min

Lab File: VX040614.D

Acq: 07 Mar 2024 09:48

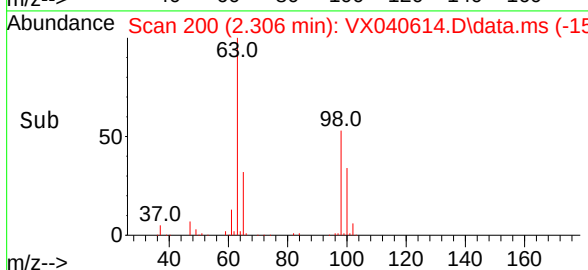
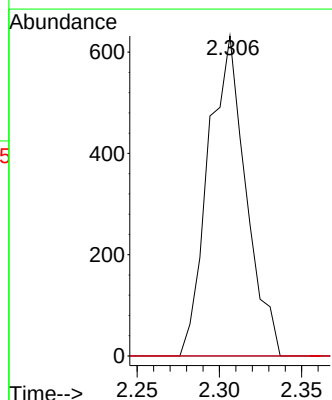
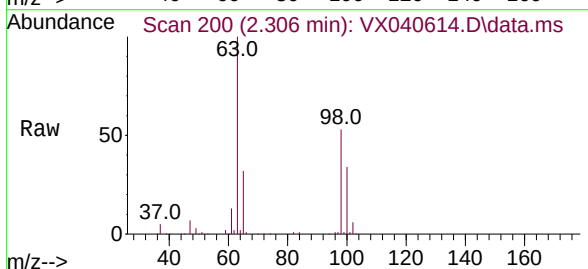
Tgt Ion:101 Resp: 1006

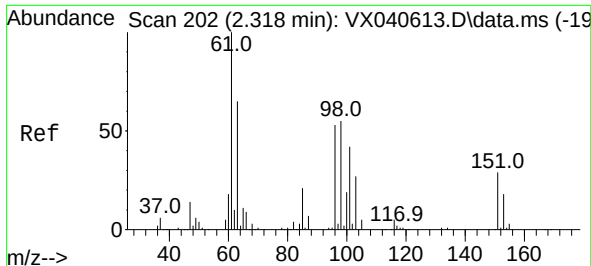
Ion Ratio Lower Upper

101 100

85 0.0 38.3 57.5#

151 0.0 57.7 86.5#





#12

1,1-Dichloroethene

Concen: 0.987 ug/L

RT: 2.306 min Scan# 20

Delta R.T. -0.012 min

Lab File: VX040614.D

Acq: 07 Mar 2024 09:48

Instrument :

MSVOA_X

ClientSampleId :

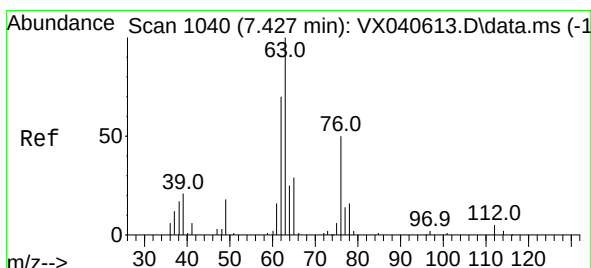
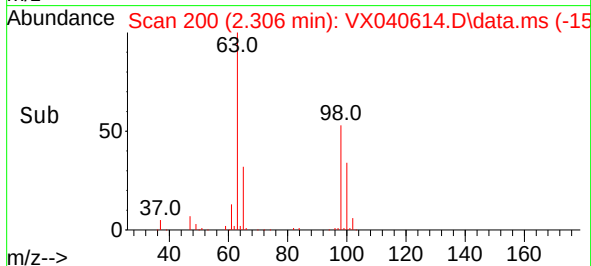
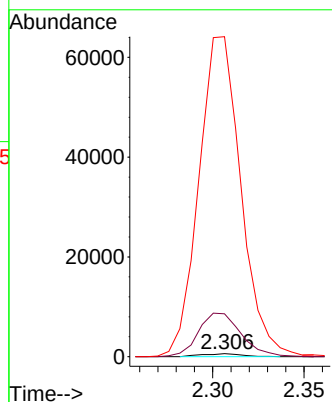
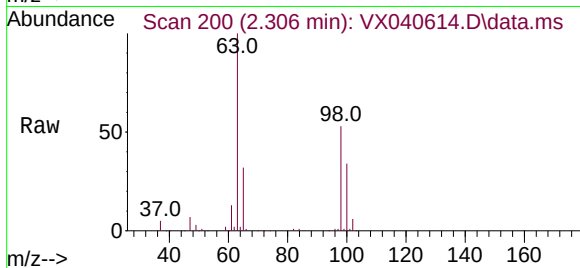
Tgt Ion: 96 Resp: 922

Ion Ratio Lower Upper

96 100

61 1401.3 134.8 250.4#

63 10465.3 92.5 171.9#



#37

1,2-Dichloropropane

Concen: 9.498 ug/L

RT: 7.306 min Scan# 1020

Delta R.T. -0.122 min

Lab File: VX040614.D

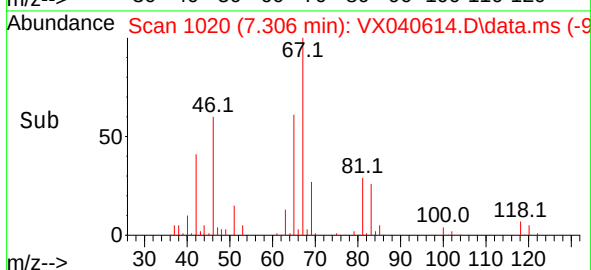
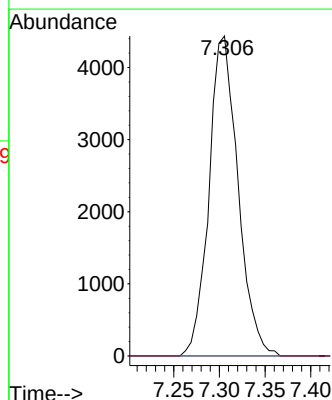
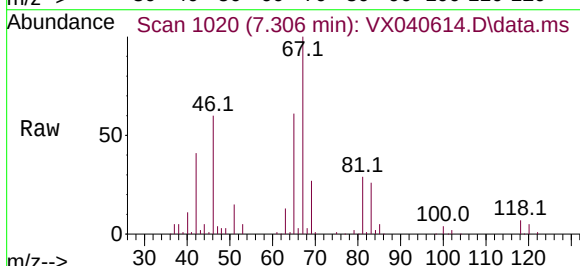
Acq: 07 Mar 2024 09:48

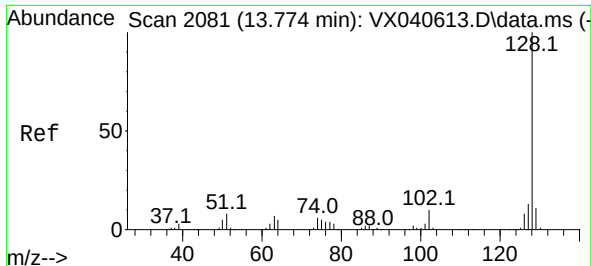
Tgt Ion: 63 Resp: 9791

Ion Ratio Lower Upper

63 100

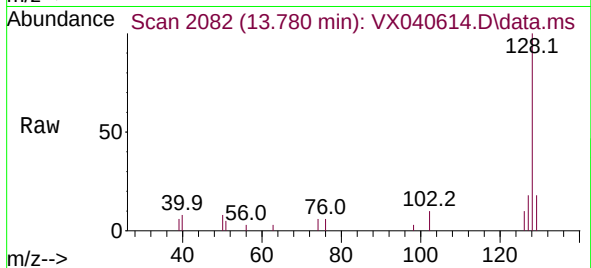
112 0.0 3.1 4.7#



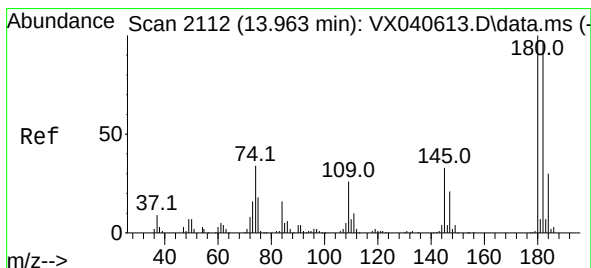
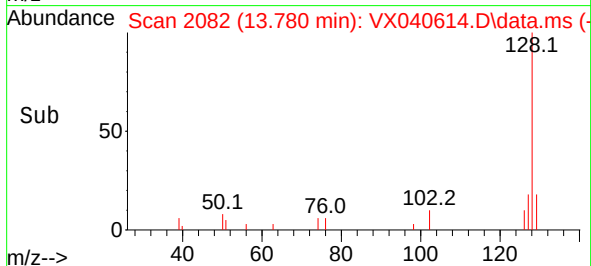
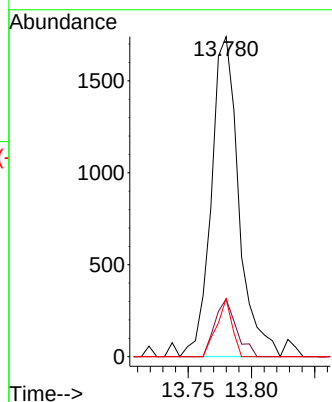


#71
Naphthalene
Concen: 0.631 ug/L
RT: 13.780 min Scan# 2081
Delta R.T. 0.006 min
Lab File: VX040614.D
Acq: 07 Mar 2024 09:48

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion:128 Resp: 2625
Ion Ratio Lower Upper
128 100
127 14.0 10.4 15.6
129 10.1 8.8 13.2



#72
1,2,3-Trichlorobenzene
Concen: 0.607 ug/L
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX040614.D
Acq: 07 Mar 2024 09:48

Tgt Ion:180 Resp: 783
Ion Ratio Lower Upper
180 100
182 73.1 76.9 115.3#
145 23.8 27.8 41.8#

