

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122121\
 Data File : VX025964.D
 Acq On : 21 Dec 2021 18:05
 Operator : JC/MD
 Sample : M5126-10
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 C0J14

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/22/2021
 Supervised By : Mahesh Dadoda 12/22/2021

Quant Time: Dec 22 05:40:20 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM122021WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Dec 22 05:35:20 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	135846	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	129863	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	54690	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	49266	44.983	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	89.960%		
7) Chloroethane-d5	1.666	69	45927	50.218	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	100.440%		
11) 1,1-Dichloroethene-d2	2.306	63	70605	37.117	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	74.240%		
21) 2-Butanone-d5	4.459	46	80834	102.310	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	102.310%		
24) Chloroform-d	5.062	84	103370	49.238	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	98.480%		
26) 1,2-Dichloroethane-d4	5.958	65	70853	51.746	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	103.500%		
32) Benzene-d6	5.977	84	200735	51.020	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	102.040%		
36) 1,2-Dichloropropane-d6	7.312	67	85207	71.104	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	142.200%#		
41) Toluene-d8	8.653	98	279371	74.784	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	149.560%#		
43) trans-1,3-Dichloroprop...	8.952	79	33980	64.223	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	128.440%#		
47) 2-Hexanone-d5	9.384	63	83727	155.430	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	155.430%#		
56) 1,1,2,2-Tetrachloroeth...	11.195	84	85999	50.658	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	101.320%		
66) 1,2-Dichlorobenzene-d4	12.323	152	57249	49.662	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	99.320%		
Target Compounds						
12) 1,1-Dichloroethene	2.325	96	2342	2.753	ug/L #	1
19) 1,1-Dichloroethane	3.617	63	1290	0.713	ug/L	89
30) 1,1,1-Trichloroethane	5.391	97	2408m	1.511	ug/L	
34) Trichloroethene	7.135	95	13939	13.115	ug/L	81
37) 1,2-Dichloropropane	7.440	63	3746	3.698	ug/L #	92
42) Toluene	8.720	91	4430	1.000	ug/L	95

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

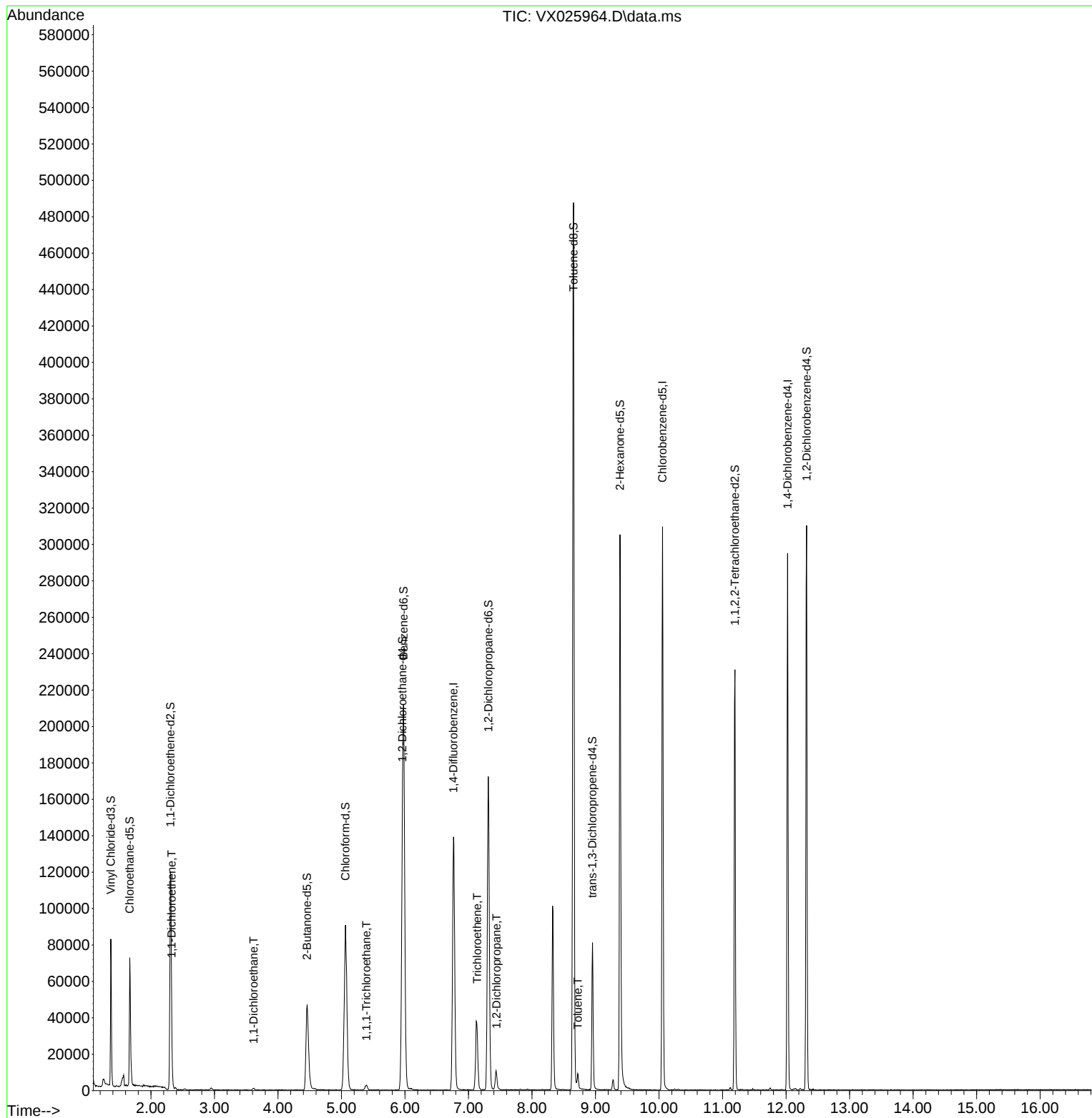
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122121\
Data File : VX025964.D
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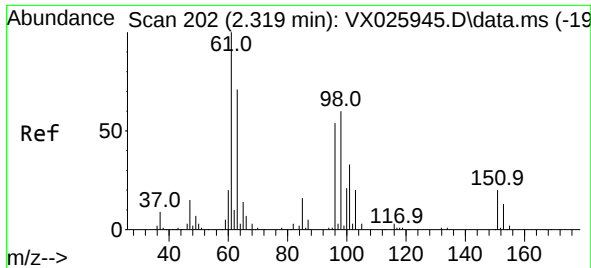
Instrument :
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ClientSampleId :
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Quant Time: Dec 22 05:40:20 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM122021WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Dec 22 05:35:20 2021
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#12

1,1-Dichloroethene

Concen: 2.753 ug/L

RT: 2.325 min Scan# 20

Delta R.T. 0.006 min

Lab File: VX025964.D

Acq: 21 Dec 2021 18:05

Instrument :

MSVOA_X

ClientSampleId :

C0J14

Tgt Ion: 96 Resp: 234

Ion Ratio Lower Upper

96 100

61 270.2 108.7 201.9

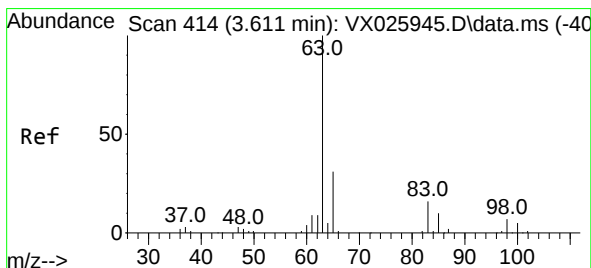
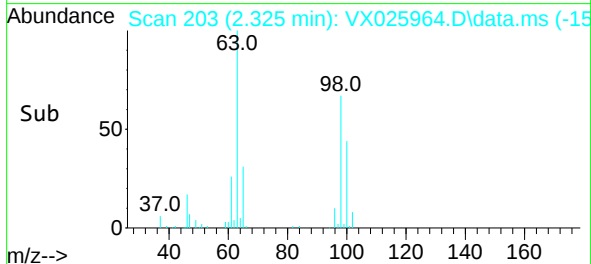
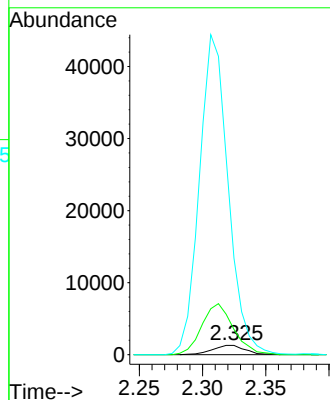
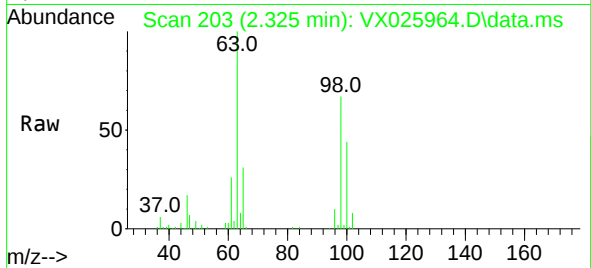
63 1033.8 76.3 141.1

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#19

1,1-Dichloroethane

Concen: 0.713 ug/L

RT: 3.617 min Scan# 415

Delta R.T. 0.006 min

Lab File: VX025964.D

Acq: 21 Dec 2021 18:05

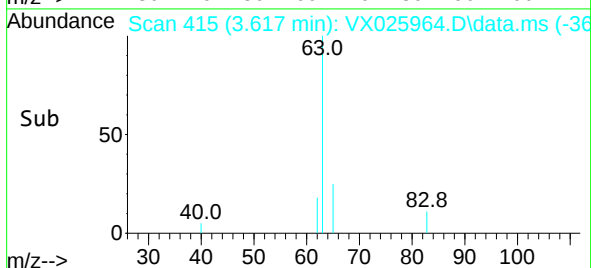
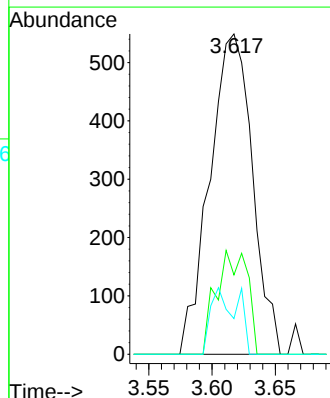
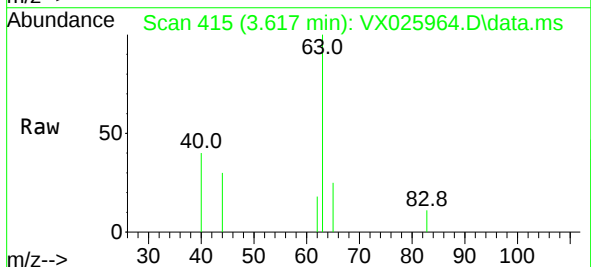
Tgt Ion: 63 Resp: 1290

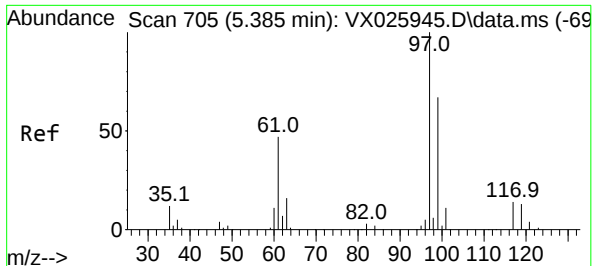
Ion Ratio Lower Upper

63 100

65 24.8 22.2 41.2

83 11.1 10.2 19.0





#30

1,1,1-Trichloroethane

Concen: 1.511 ug/L m

RT: 5.391 min Scan# 705

Delta R.T. 0.006 min

Lab File: VX025964.D

Acq: 21 Dec 2021 18:05

Instrument :

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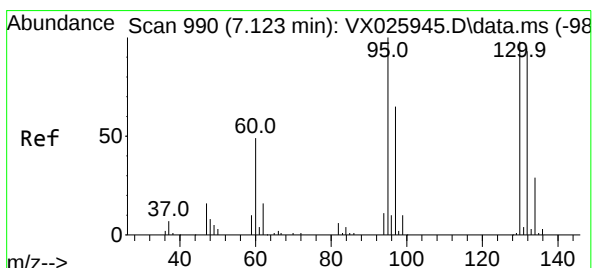
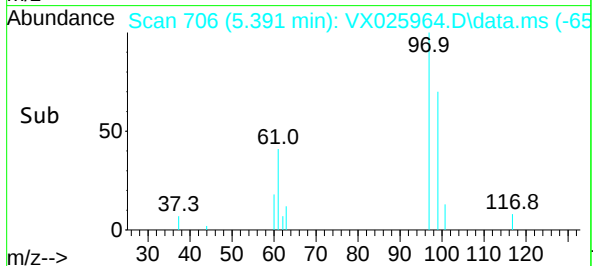
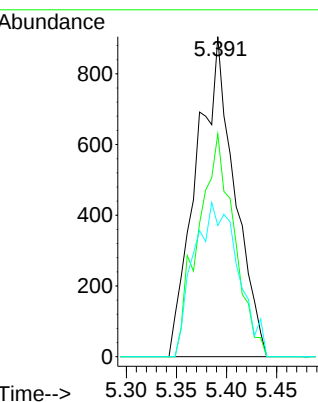
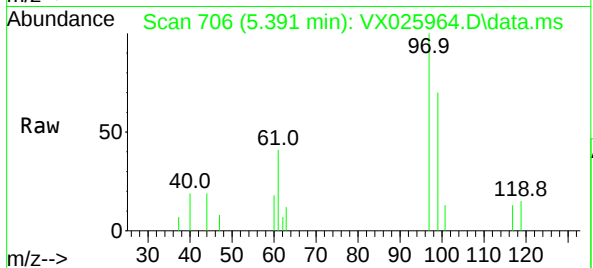
Tgt Ion: 97	Resp: 240
Ion Ratio	Lower Upper
97 100	
99 64.8	51.5 77.3
61 31.8	33.1 49.7

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#34

Trichloroethene

Concen: 13.115 ug/L

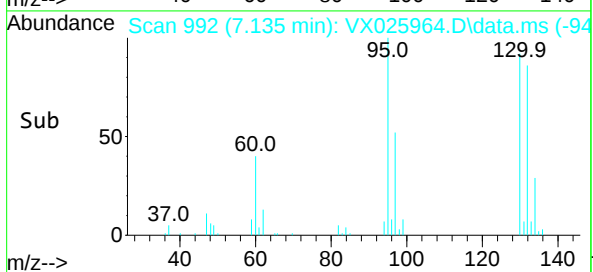
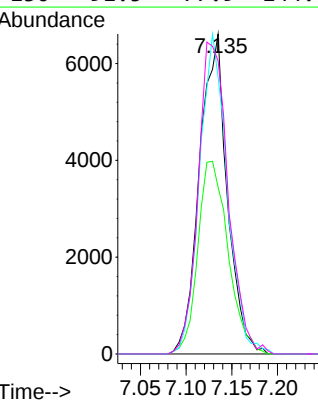
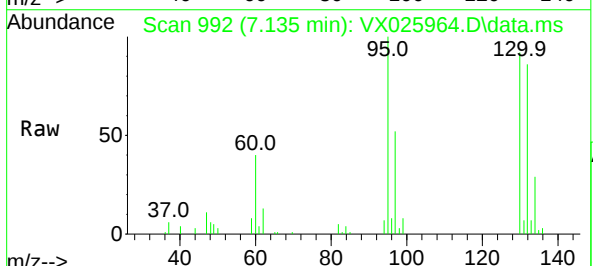
RT: 7.135 min Scan# 992

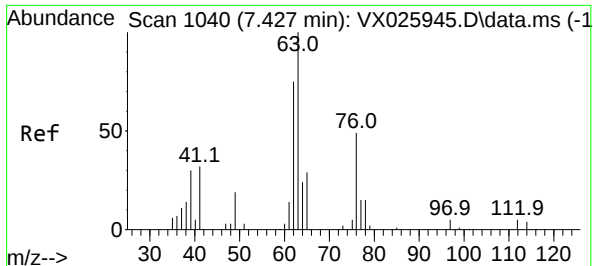
Delta R.T. 0.012 min

Lab File: VX025964.D

Acq: 21 Dec 2021 18:05

Tgt Ion: 95	Resp: 13939
Ion Ratio	Lower Upper
95 100	
97 52.1	46.0 85.4
132 86.5	75.0 139.2
130 91.5	77.9 144.7





#37

1,2-Dichloropropane

Concen: 3.698 ug/L

RT: 7.440 min Scan# 1040

Delta R.T. 0.012 min

Lab File: VX025964.D

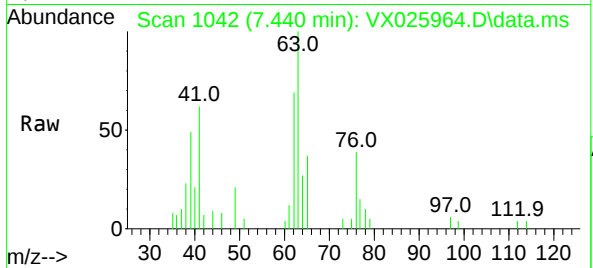
Acq: 21 Dec 2021 18:05

Instrument :

MSVOA_X

ClientSampleId :

C0J14



Tgt Ion: 63 Resp: 3740

Ion Ratio Lower Upper

63 100

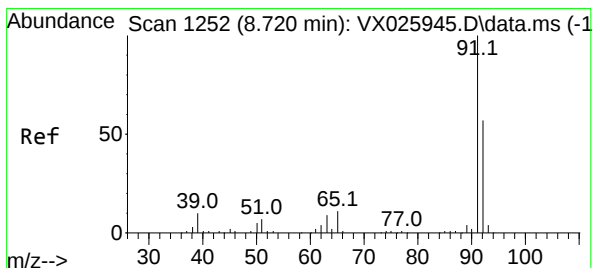
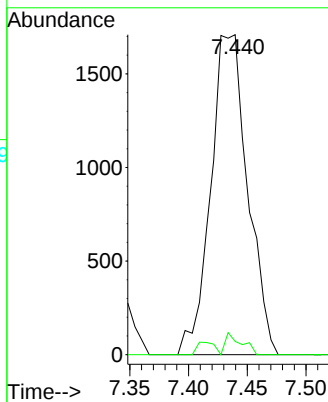
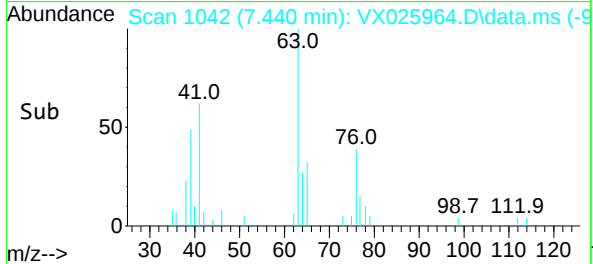
112 2.4 4.0 6.0

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#42

Toluene

Concen: 1.000 ug/L

RT: 8.720 min Scan# 1252

Delta R.T. 0.000 min

Lab File: VX025964.D

Acq: 21 Dec 2021 18:05

Tgt Ion: 91 Resp: 4430

Ion Ratio Lower Upper

91 100

92 62.3 41.2 76.6

