

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061422\
 Data File : VX029461.D
 Acq On : 14 Jun 2022 13:47
 Operator : JC/MD
 Sample : N3248-18 400X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 EXYY7

Quant Time: Jun 15 05:44:32 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML061322WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jun 15 05:41:21 2022
 Response via : Initial Calibration

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

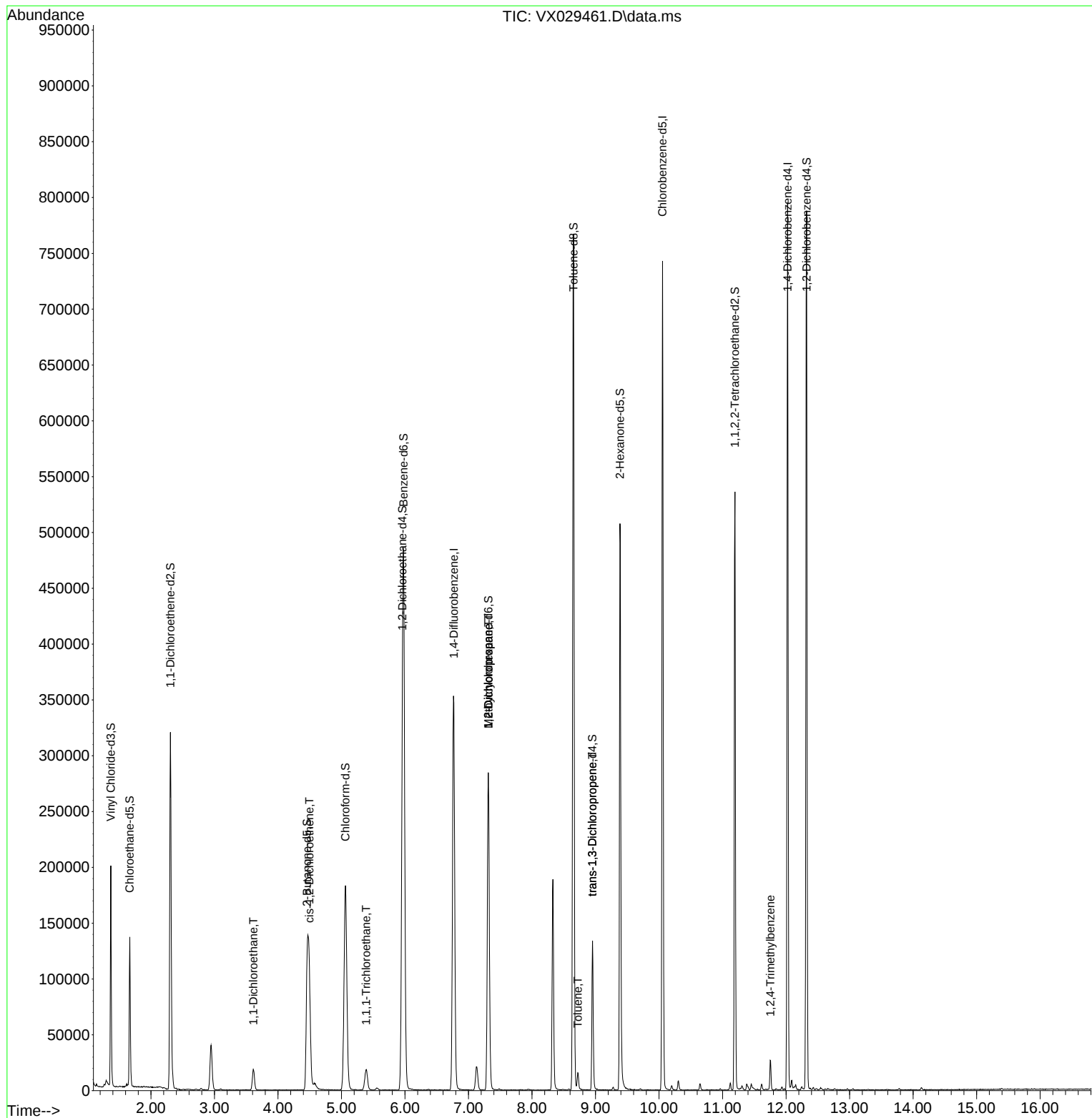
Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	375913	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	335960	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	158987	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	126745	43.547	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	87.100%		
7) Chloroethane-d5	1.666	69	90738	50.165	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	100.340%		
11) 1,1-Dichloroethene-d2	2.306	63	179960	34.317	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	68.640%		
21) 2-Butanone-d5	4.458	46	202519	91.772	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	91.770%		
24) Chloroform-d	5.062	84	241098	43.386	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	86.780%		
26) 1,2-Dichloroethane-d4	5.958	65	155992	43.417	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	86.840%		
32) Benzene-d6	5.976	84	505274	48.149	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	96.300%		
36) 1,2-Dichloropropane-d6	7.312	67	148081	48.178	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	96.360%		
41) Toluene-d8	8.653	98	460127	46.508	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	93.020%		
43) trans-1,3-Dichloroprop...	8.951	79	64955	42.858	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	85.720%		
47) 2-Hexanone-d5	9.384	63	158181	95.150	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	95.150%		
56) 1,1,2,2-Tetrachloroeth...	11.195	84	209102	46.396	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	92.800%		
66) 1,2-Dichlorobenzene-d4	12.323	152	162788	49.249	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	98.500%		
Target Compounds						Qvalue
19) 1,1-Dichloroethane	3.611	63	21305	4.419	ug/L	97
20) cis-1,2-Dichloroethene	4.495	96	49997	16.205	ug/L	99
30) 1,1,1-Trichloroethane	5.385	97	17790	3.818	ug/L	99
35) Methylcyclohexane	7.312	83	37913	7.756	ug/L #	19
37) 1,2-Dichloropropane	7.312	63	16736	6.249	ug/L #	85
42) Toluene	8.720	91	10564	0.882	ug/L	94
44) trans-1,3-Dichloropropene	8.951	75	3037	0.756	ug/L	91
63) 1,2,4-Trimethylbenzene	11.756	105	11236	1.067	ug/L	92

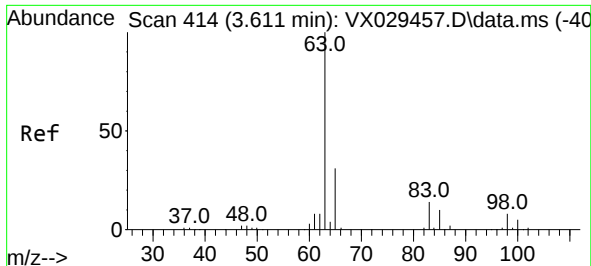
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jun 15 05:44:32 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML061322WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Jun 15 05:41:21 2022
Response via : Initial Calibration





#19

1,1-Dichloroethane

Concen: 4.419 ug/L

RT: 3.611 min Scan# 41

Delta R.T. -0.000 min

Lab File: VX029461.D

Acq: 14 Jun 2022 13:47

Instrument :

MSVOA_X

ClientSampleId :

EXYY7

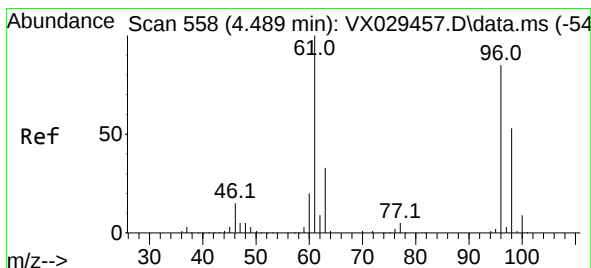
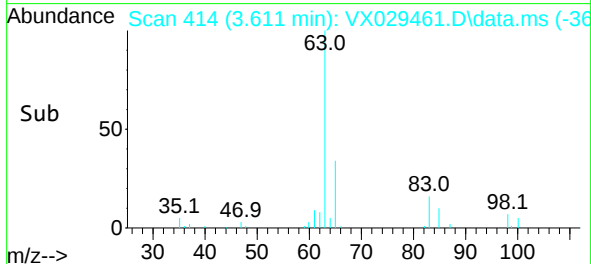
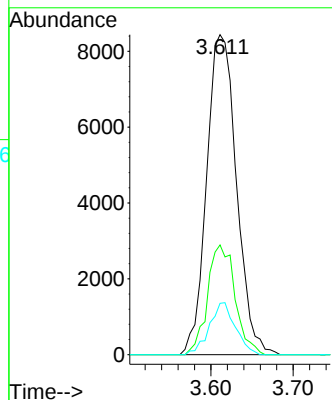
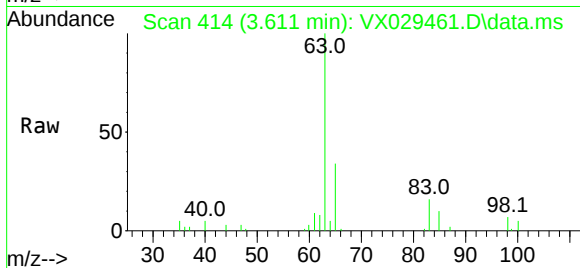
Tgt Ion: 63 Resp: 21305

Ion Ratio Lower Upper

63 100

65 34.3 22.9 42.5

83 16.1 10.1 18.9



#20

cis-1,2-Dichloroethene

Concen: 16.205 ug/L

RT: 4.495 min Scan# 559

Delta R.T. 0.006 min

Lab File: VX029461.D

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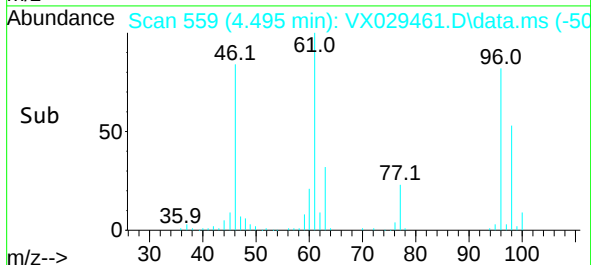
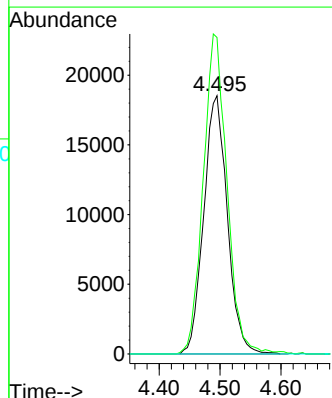
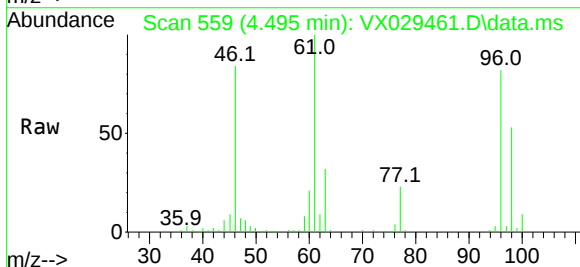
Tgt Ion: 96 Resp: 49997

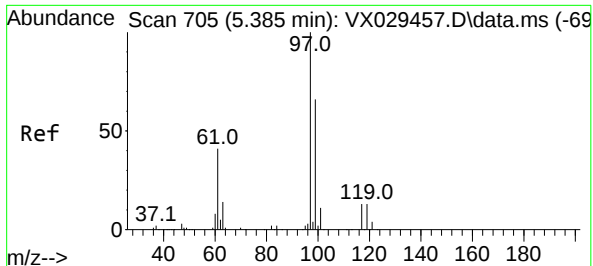
Ion Ratio Lower Upper

96 100

61 122.6 86.7 161.1

68 0.0 0.0 0.0





#30

1,1,1-Trichloroethane

Concen: 3.818 ug/L

RT: 5.385 min Scan# 705

Delta R.T. -0.000 min

Lab File: VX029461.D

Acq: 14 Jun 2022 13:47

Instrument :

MSVOA_X

ClientSampleId :

EXYY7

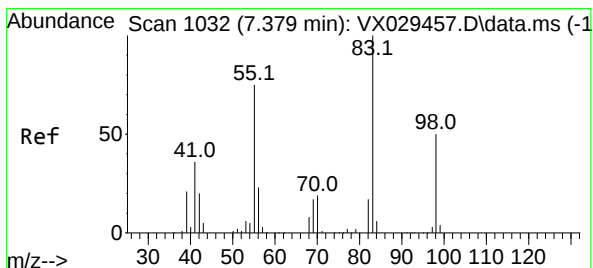
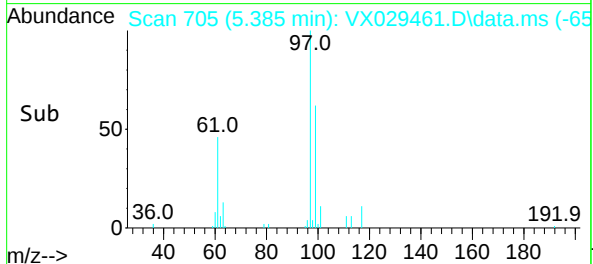
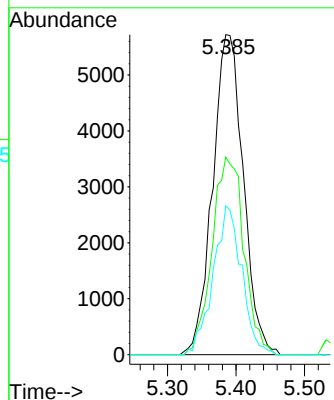
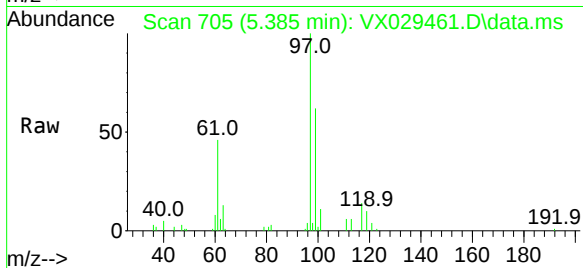
Tgt Ion: 97 Resp: 17790

Ion Ratio Lower Upper

97 100

99 64.0 51.5 77.3

61 43.3 35.2 52.8



#35

Methylcyclohexane

Concen: 7.756 ug/L

RT: 7.312 min Scan# 1021

Delta R.T. -0.067 min

Lab File: VX029461.D

Acq: 14 Jun 2022 13:47

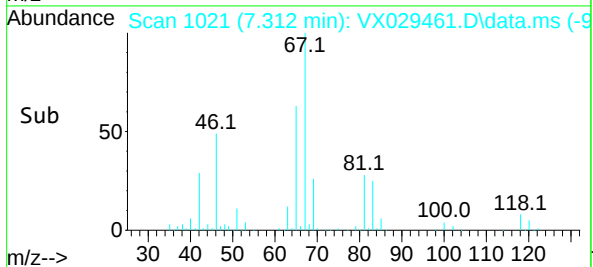
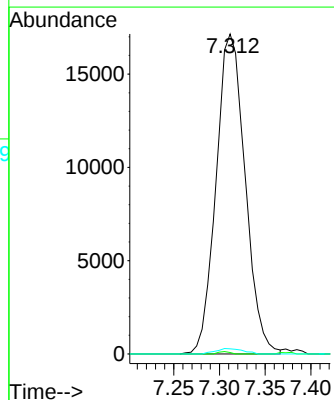
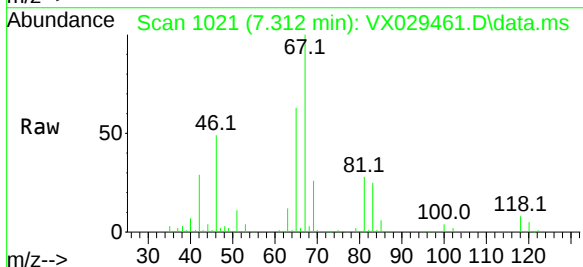
Tgt Ion: 83 Resp: 37913

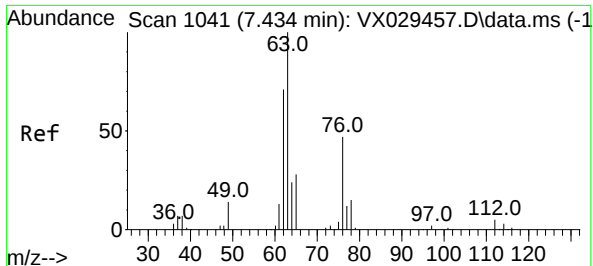
Ion Ratio Lower Upper

83 100

55 0.3 60.6 90.8#

98 1.6 39.8 59.8#





#37

1,2-Dichloropropane

Concen: 6.249 ug/L

RT: 7.312 min Scan# 1021

Delta R.T. -0.122 min

Lab File: VX029461.D

Acq: 14 Jun 2022 13:47

Instrument :

MSVOA_X

ClientSampleId :

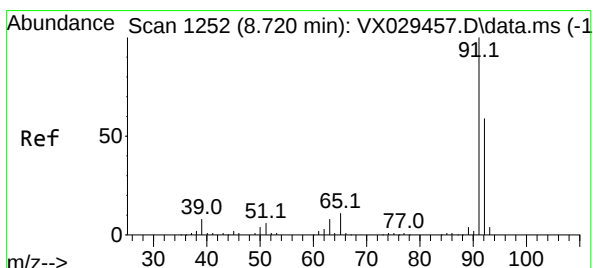
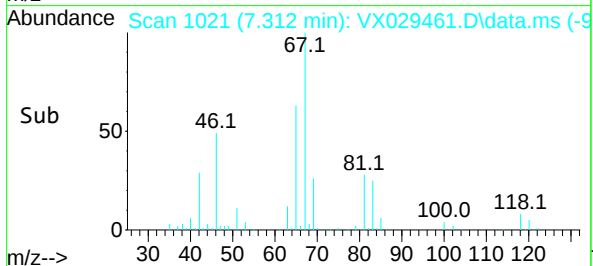
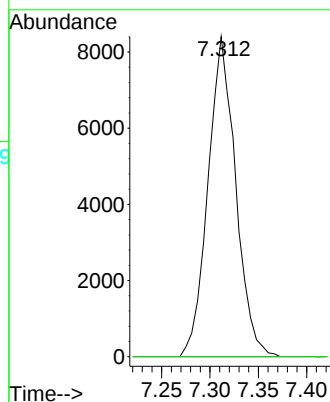
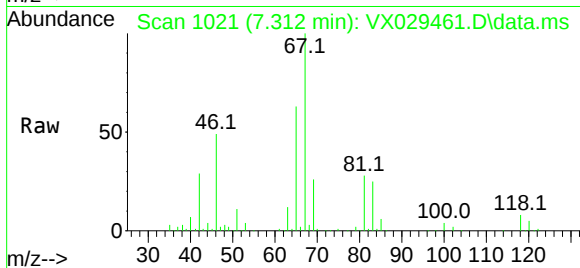
EXYY7

Tgt Ion: 63 Resp: 16736

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.8#



#42

Toluene

Concen: 0.882 ug/L

RT: 8.720 min Scan# 1252

Delta R.T. -0.000 min

Lab File: VX029461.D

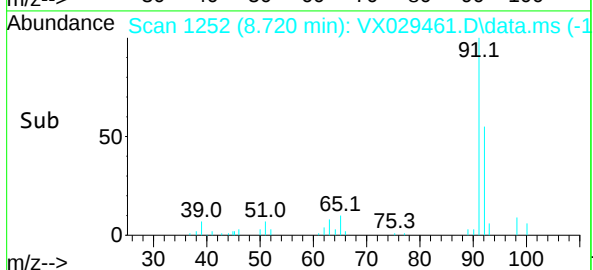
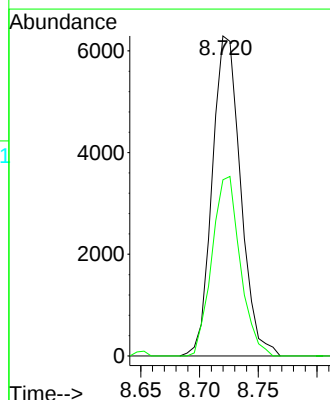
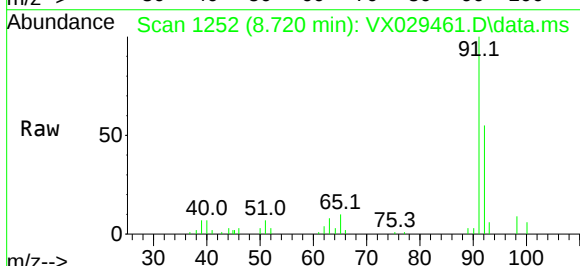
Acq: 14 Jun 2022 13:47

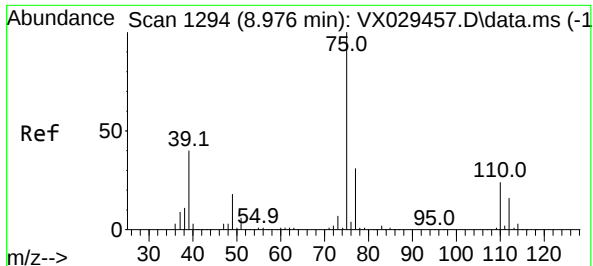
Tgt Ion: 91 Resp: 10564

Ion Ratio Lower Upper

91 100

92 55.1 41.5 77.1

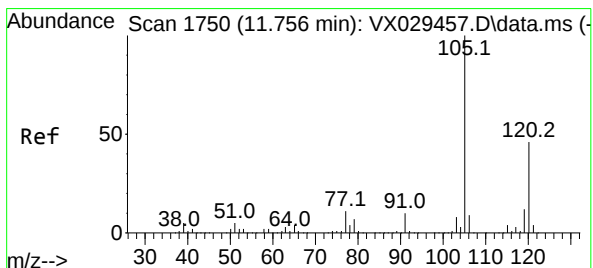
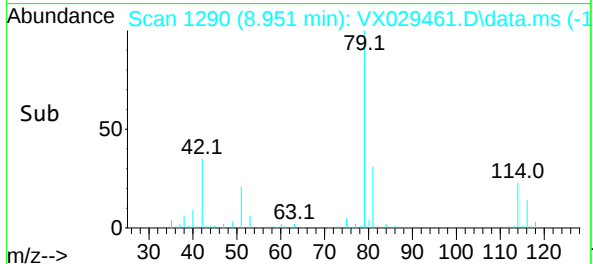
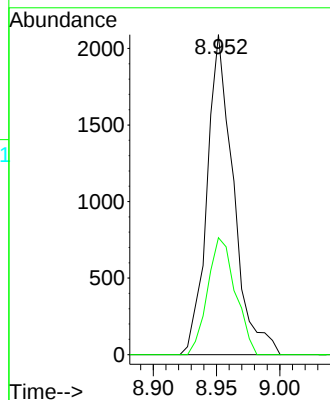
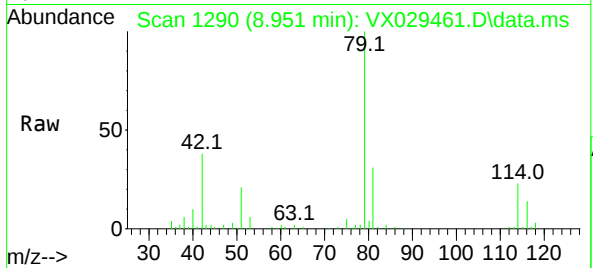




#44
trans-1,3-Dichloropropene
Concen: 0.756 ug/L
RT: 8.951 min Scan# 11
Delta R.T. -0.024 min
Lab File: VX029461.D
Acq: 14 Jun 2022 13:47

Instrument :
MSVOA_X
ClientSampleId :
EXYY7

Tgt Ion: 75 Resp: 3037
Ion Ratio Lower Upper
75 100
77 36.6 22.3 41.3



#63
1,2,4-Trimethylbenzene
Concen: 1.067 ug/L
RT: 11.756 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VX029461.D
Acq: 14 Jun 2022 13:47

Tgt Ion: 105 Resp: 11236
Ion Ratio Lower Upper
105 100
120 39.8 36.1 54.1

