

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061422\
 Data File : VX029488.D
 Acq On : 15 Jun 2022 00:16
 Operator : JC/MD
 Sample : N3248-18 40X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 EXYY7

Quant Time: Jun 15 07:16:43 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML061322WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jun 15 07:14:08 2022
 Response via : Initial Calibration

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

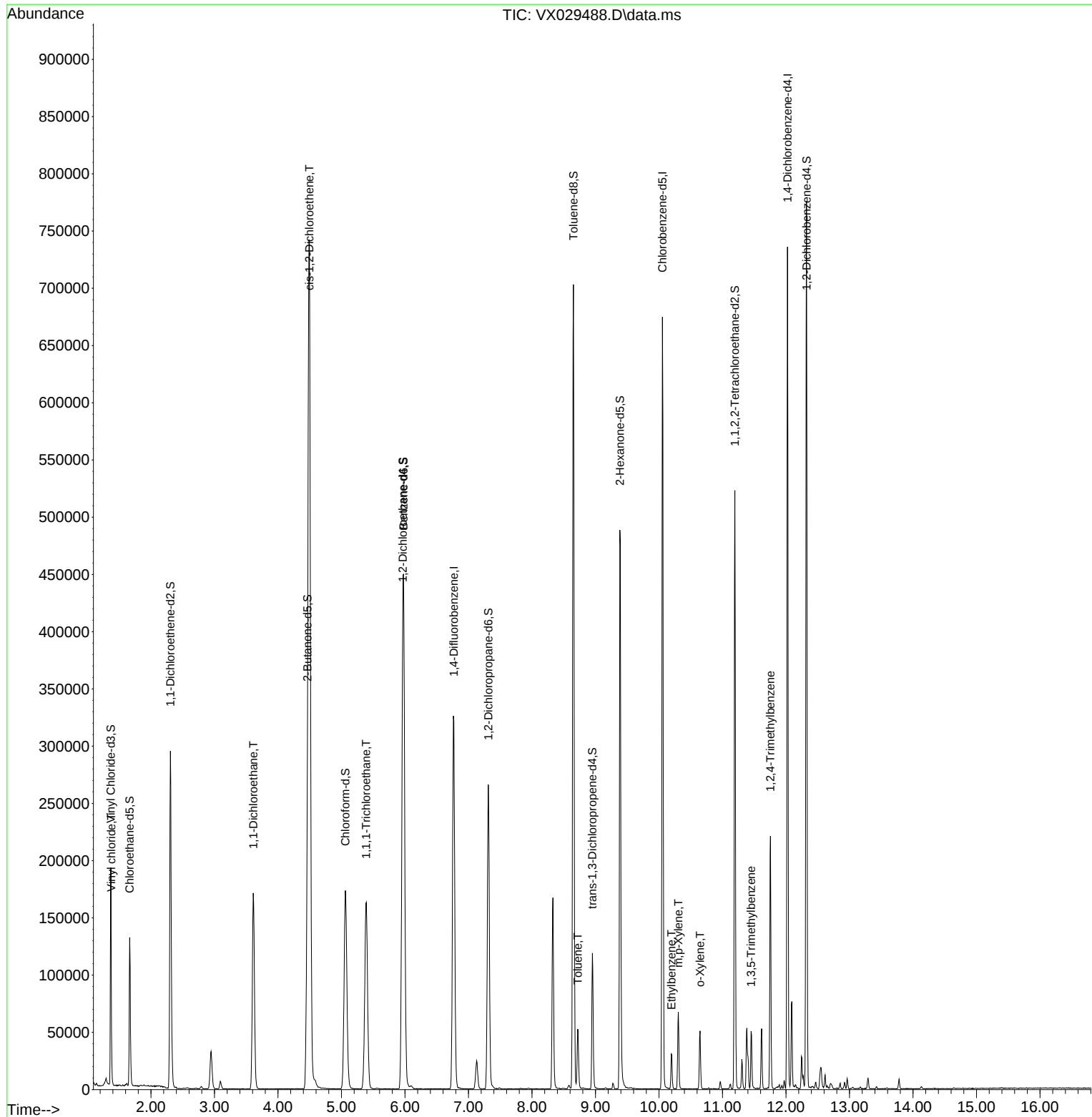
Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	340889	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	305153	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	144073	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	112800	42.737	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	85.480%	
7) Chloroethane-d5	1.666	69	88877	54.185	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	=	108.360%	
11) 1,1-Dichloroethene-d2	2.306	63	164090	34.506	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	69.020%	
21) 2-Butanone-d5	4.464	46	197546	98.716	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	98.720%	
24) Chloroform-d	5.062	84	228248	45.293	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	90.580%	
26) 1,2-Dichloroethane-d4	5.964	65	145925	44.788	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	89.580%	
32) Benzene-d6	5.976	84	469956	49.305	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	98.600%	
36) 1,2-Dichloropropane-d6	7.311	67	139702	50.041	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	100.080%	
41) Toluene-d8	8.653	98	425995	47.405	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	94.820%	
43) trans-1,3-Dichloroprop...	8.951	79	57489	41.761	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	83.520%	
47) 2-Hexanone-d5	9.384	63	151957	100.634	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	100.630%	
56) 1,1,2,2-Tetrachloroeth...	11.195	84	200308	48.932	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	97.860%	
66) 1,2-Dichlorobenzene-d4	12.323	152	148679	49.637	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	99.280%	
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.374	62	10524	3.544	ug/L	# 77
19) 1,1-Dichloroethane	3.611	63	190954	43.672	ug/L	99
20) cis-1,2-Dichloroethene	4.495	96	469832	167.926	ug/L	97
30) 1,1,1-Trichloroethane	5.385	97	168062	39.711	ug/L	98
42) Toluene	8.720	91	34442	3.167	ug/L	99
52) Ethylbenzene	10.195	91	18995	1.596	ug/L	100
53) m,p-Xylene	10.305	106	16048	3.435	ug/L	97
54) o-Xylene	10.646	106	11514	2.499	ug/L	89
62) 1,3,5-Trimethylbenzene	11.451	105	23169	2.411	ug/L	93
63) 1,2,4-Trimethylbenzene	11.756	105	96238	10.085	ug/L	99

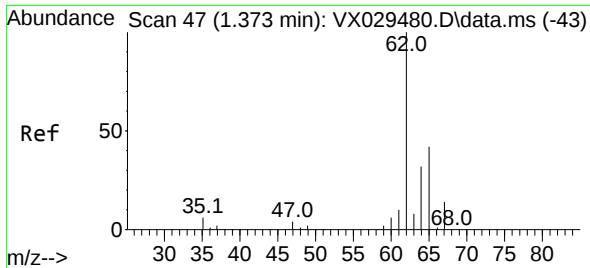
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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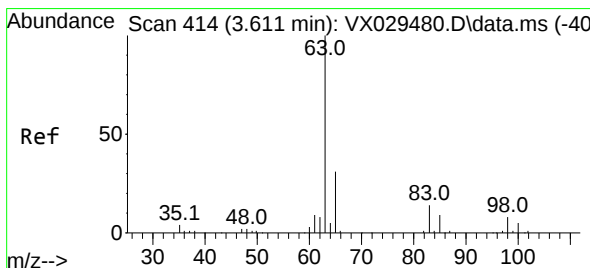
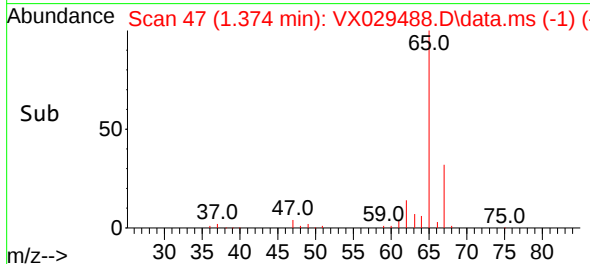
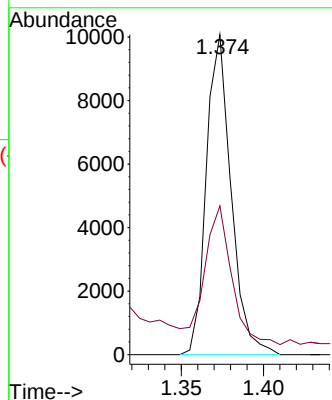
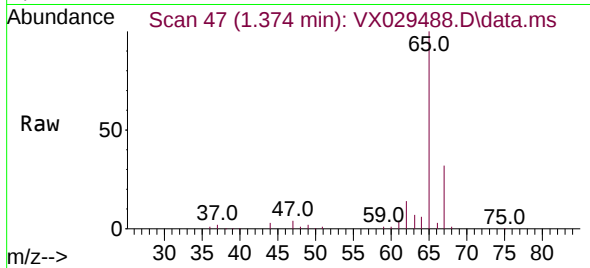




#5
 Vinyl chloride
 Concen: 3.544 ug/L
 RT: 1.374 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX029488.D
 Acq: 15 Jun 2022 00:16

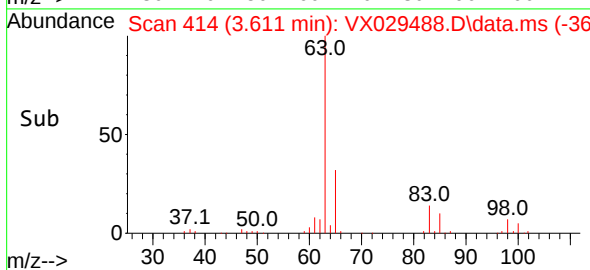
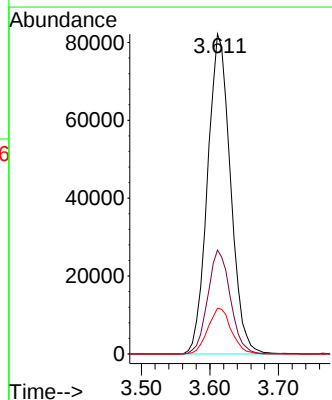
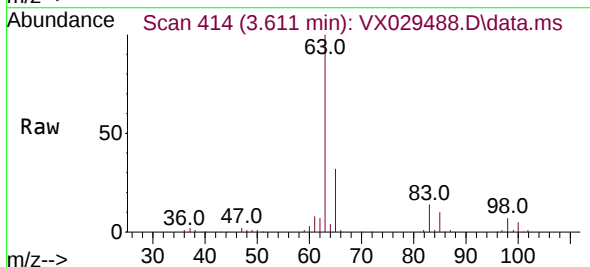
Instrument :
 MSVOA_X
 ClientSampleId :
 EXYY7

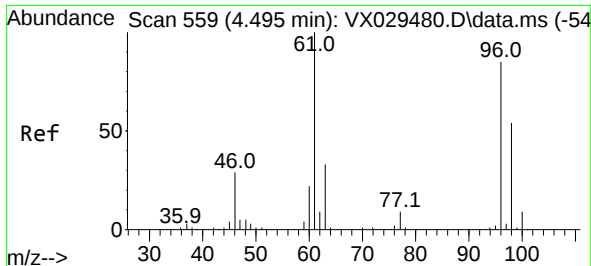
Tgt Ion: 62 Resp: 10524
 Ion Ratio Lower Upper
 62 100
 64 46.5 23.3 43.3#



#19
 1,1-Dichloroethane
 Concen: 43.672 ug/L
 RT: 3.611 min Scan# 414
 Delta R.T. 0.000 min
 Lab File: VX029488.D
 Acq: 15 Jun 2022 00:16

Tgt Ion: 63 Resp: 190954
 Ion Ratio Lower Upper
 63 100
 65 32.4 22.9 42.5
 83 14.3 10.1 18.9

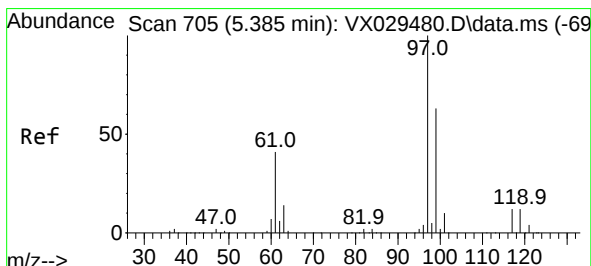
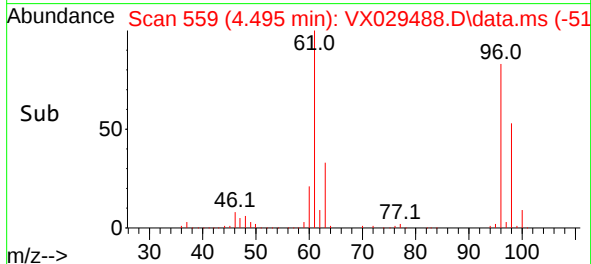
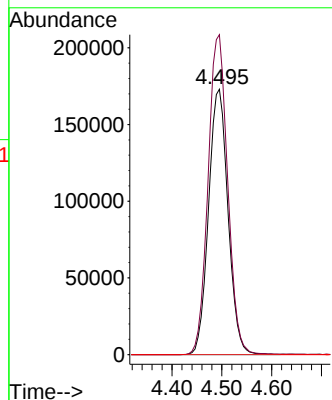
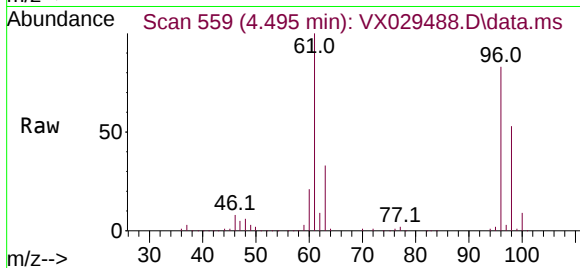




#20
 cis-1,2-Dichloroethene
 Concen: 167.926 ug/L
 RT: 4.495 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: VX029488.D
 Acq: 15 Jun 2022 00:16

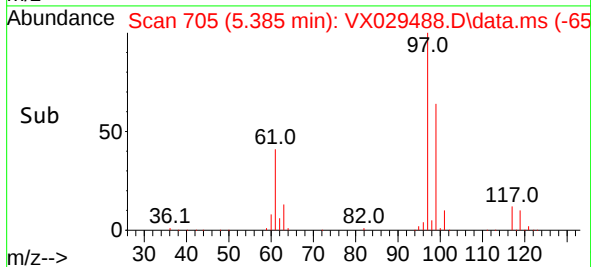
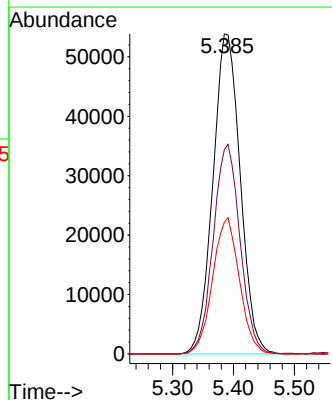
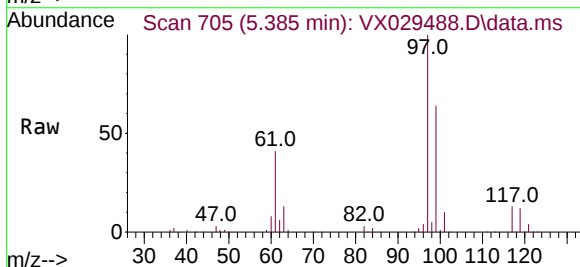
Instrument :
 MSVOA_X
 ClientSampleId :
 EXYY7

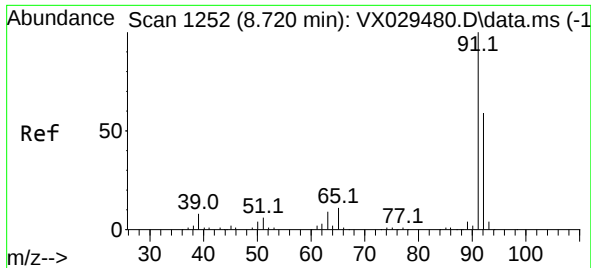
Tgt Ion: 96 Resp: 469832
 Ion Ratio Lower Upper
 96 100
 61 120.6 86.7 161.1
 68 0.0 0.0 0.0



#30
 1,1,1-Trichloroethane
 Concen: 39.711 ug/L
 RT: 5.385 min Scan# 705
 Delta R.T. 0.000 min
 Lab File: VX029488.D
 Acq: 15 Jun 2022 00:16

Tgt Ion: 97 Resp: 168062
 Ion Ratio Lower Upper
 97 100
 99 64.2 51.5 77.3
 61 41.7 35.2 52.8





#42

Toluene

Concen: 3.167 ug/L

RT: 8.720 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX029488.D

Acq: 15 Jun 2022 00:16

Instrument :

MSVOA_X

ClientSampleId :

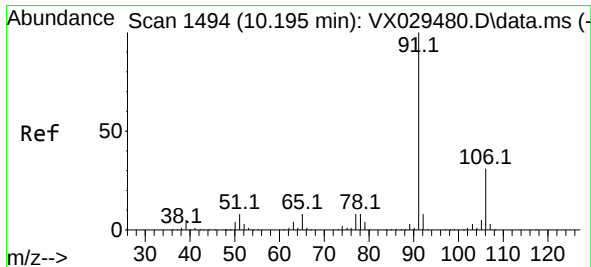
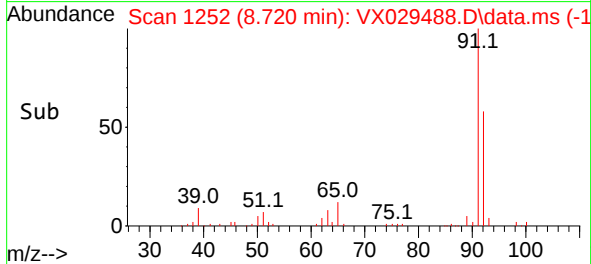
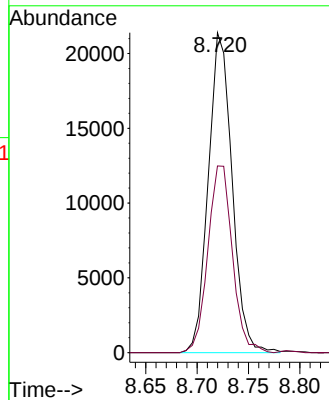
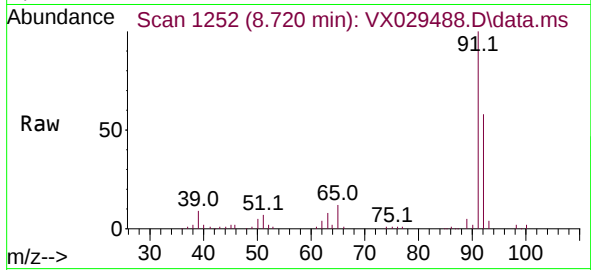
EXYY7

Tgt Ion: 91 Resp: 34442

Ion Ratio Lower Upper

91 100

92 58.3 41.5 77.1



#52

Ethylbenzene

Concen: 1.596 ug/L

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX029488.D

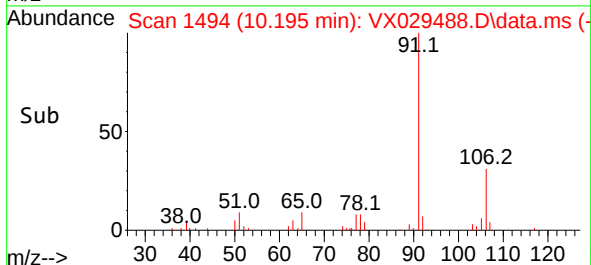
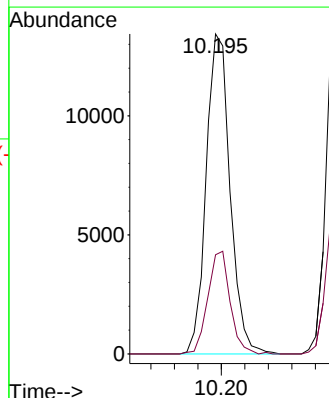
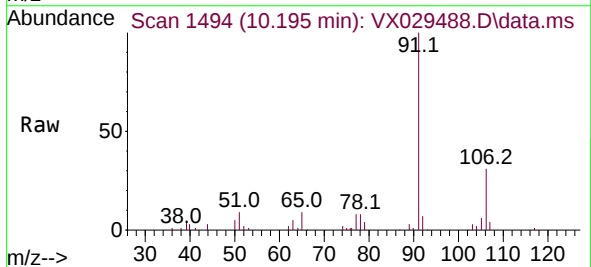
Acq: 15 Jun 2022 00:16

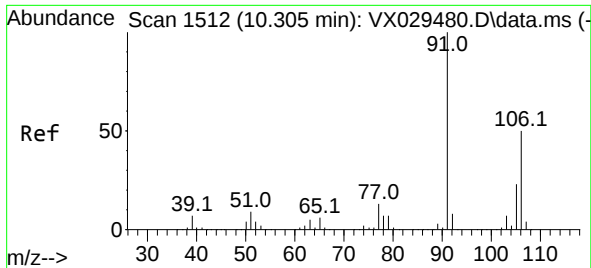
Tgt Ion: 91 Resp: 18995

Ion Ratio Lower Upper

91 100

106 31.0 21.7 40.3

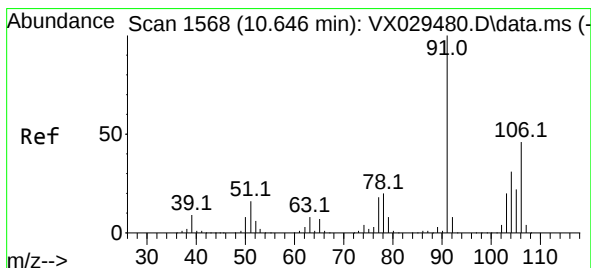
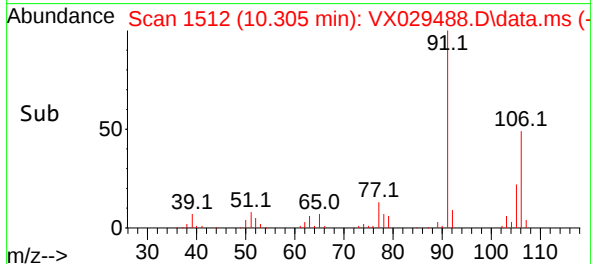
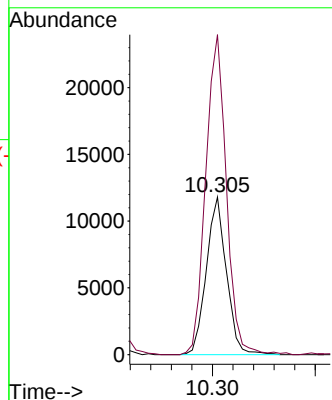
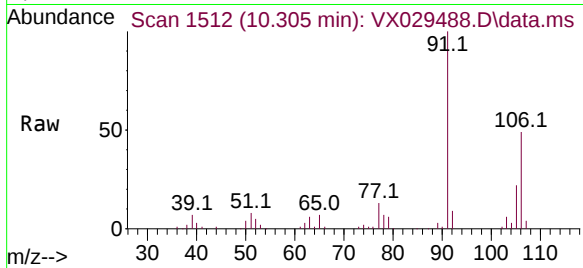




#53
m,p-Xylene
Concen: 3.435 ug/L
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX029488.D
Acq: 15 Jun 2022 00:16

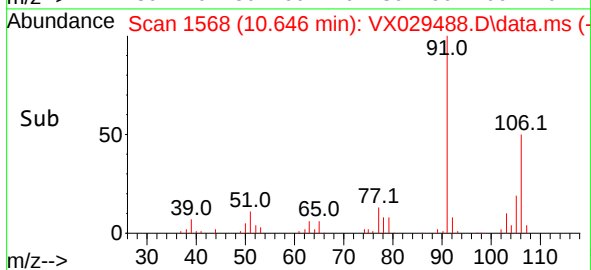
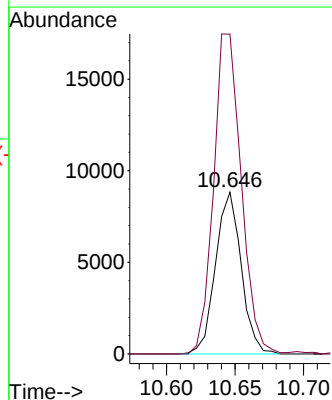
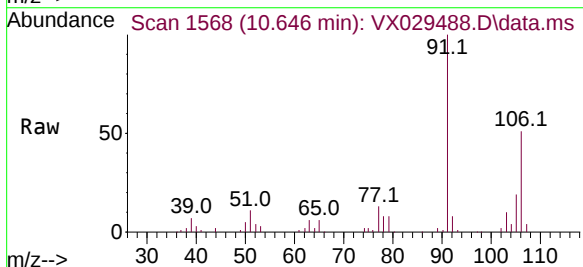
Instrument :
MSVOA_X
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EXYY7

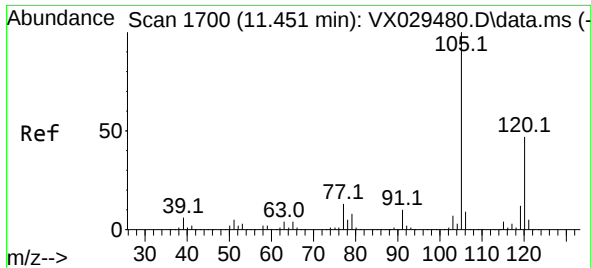
Tgt Ion:106 Resp: 16048
Ion Ratio Lower Upper
106 100
91 203.2 145.7 270.5



#54
o-Xylene
Concen: 2.499 ug/L
RT: 10.646 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VX029488.D
Acq: 15 Jun 2022 00:16

Tgt Ion:106 Resp: 11514
Ion Ratio Lower Upper
106 100
91 197.8 151.2 280.8

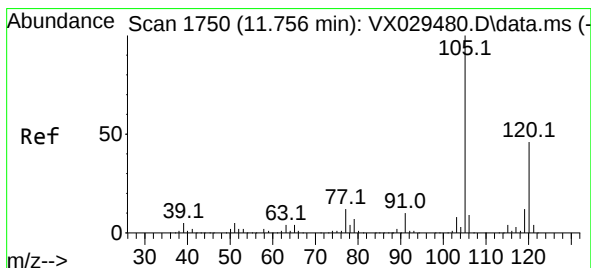
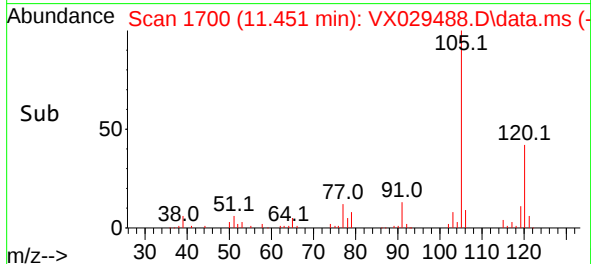
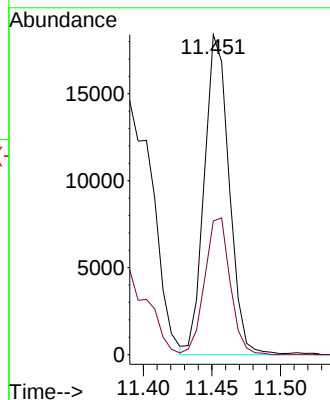
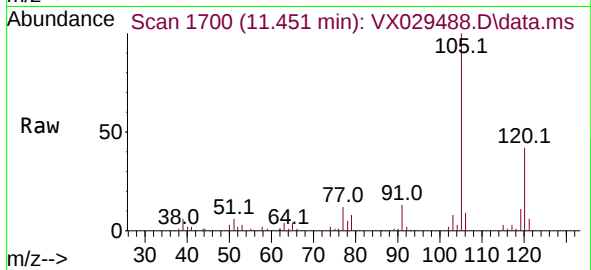




#62
1,3,5-Trimethylbenzene
Concen: 2.411 ug/L
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX029488.D
Acq: 15 Jun 2022 00:16

Instrument :
MSVOA_X
ClientSampleId :
EXYY7

Tgt Ion:105 Resp: 23169
Ion Ratio Lower Upper
105 100
120 43.9 39.1 58.7



#63
1,2,4-Trimethylbenzene
Concen: 10.085 ug/L
RT: 11.756 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VX029488.D
Acq: 15 Jun 2022 00:16

Tgt Ion:105 Resp: 96238
Ion Ratio Lower Upper
105 100
120 44.7 36.1 54.1

