Quantitation Report (Not Reviewed)

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\SFAMXLM061322WMA.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
12) 1,1-Dichloroethene	2.312	96	6960	3.011	ug/L #	1
17) trans-1,2-Dichloroethene	3.093	96	2683	1.084	ug/L	93
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
39) cis-1,3-Dichloropropene	8.323	75	4064	1.045	ug/L #	73
42) Toluene	8.720	91	34442	3.167	ug/L	99
44) trans-1,3-Dichloropropene	8.951	75	2600	0.713	ug/L #	71
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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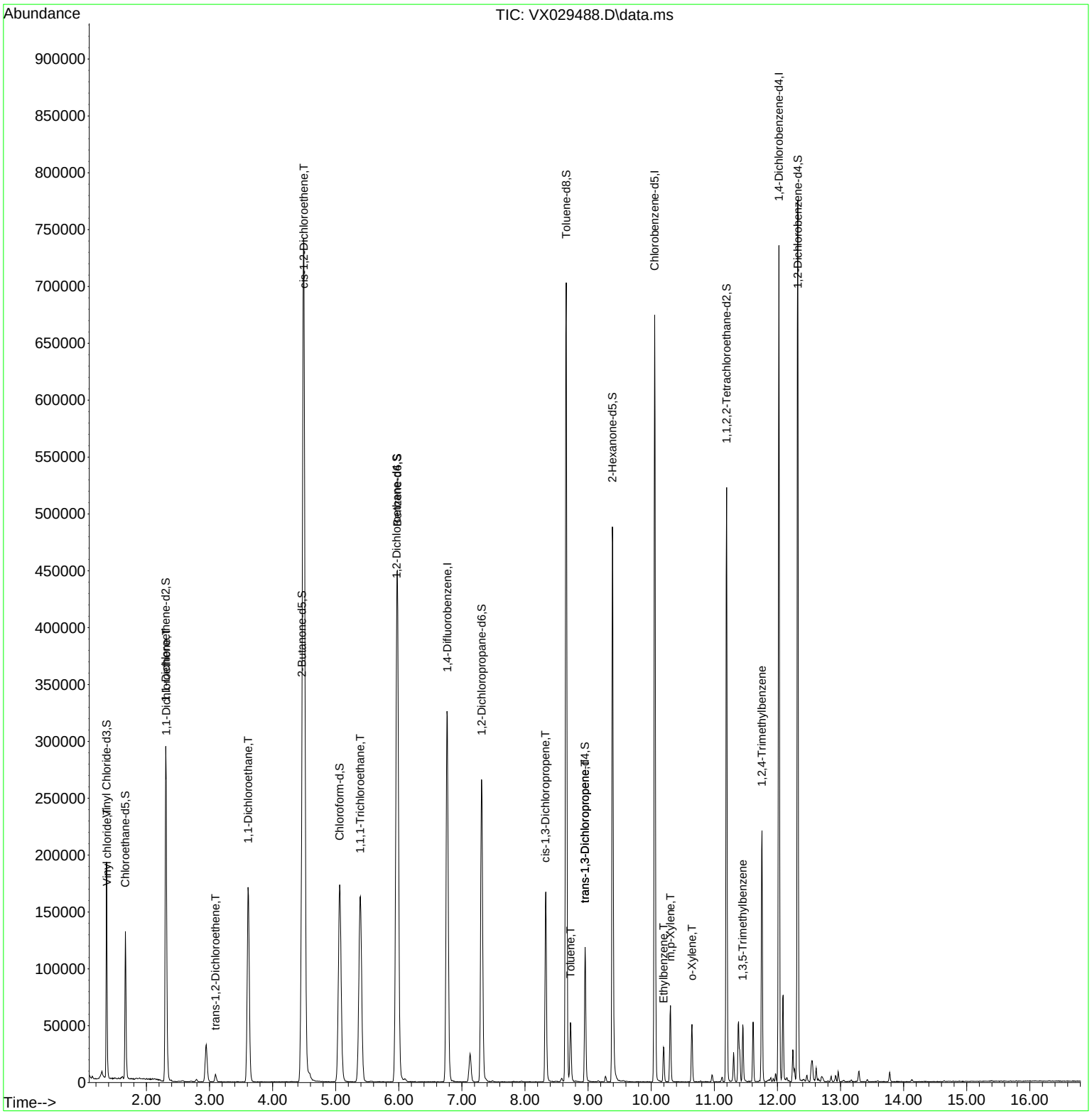
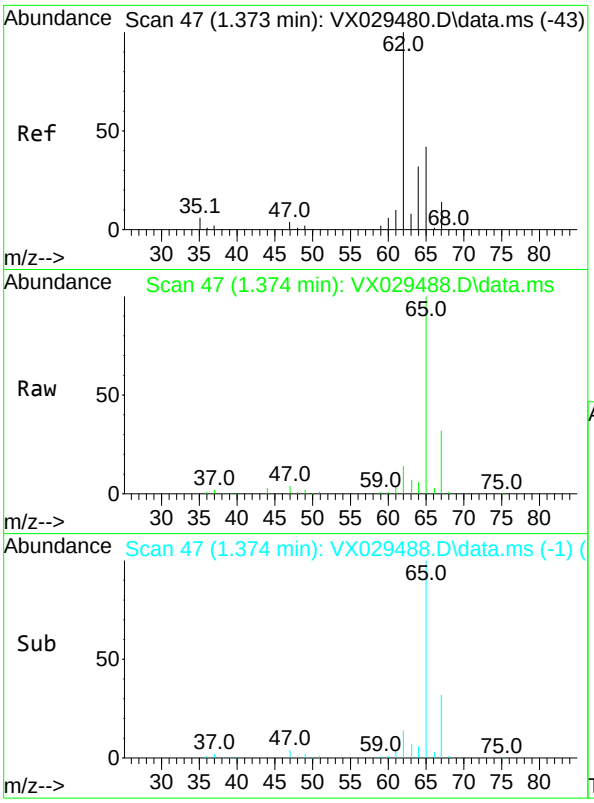
Quant Title : VOC Analysis
QLast Update : Wed Jun 15 07:14:08 2022
Response via : Initial Calibration



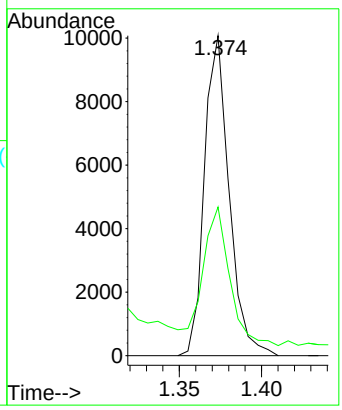


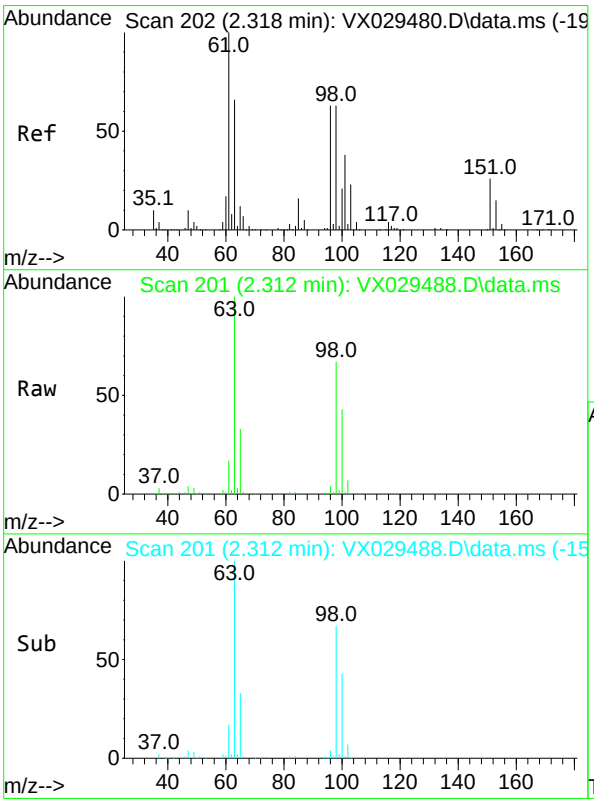
#5
Vinyl chloride
Concen: 3.544 ug/L
RT: 1.374 min Scan# 4
Delta R.T. 0.000 min
Lab File: VX029488.D
Acq: 15 Jun 2022 00:16

Instrument :
MSVOA_X
ClientSampleId :
EXYY7

Tgt Ion: 62 Resp: 10524

Ion	Ratio	Lower	Upper
62	100		
64	46.5	23.3	43.3#

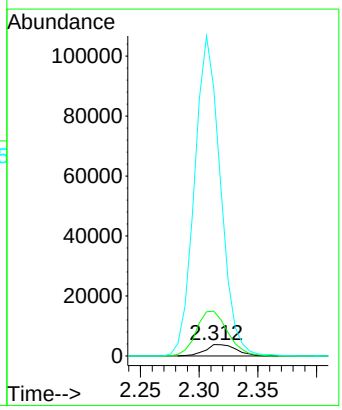


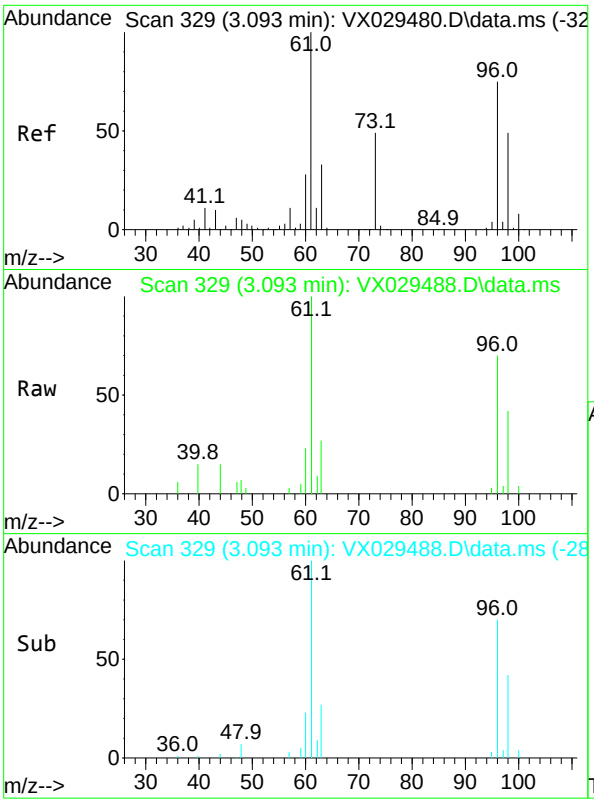


#12
1,1-Dichloroethene
Concen: 3.011 ug/L
RT: 2.312 min Scan# 201
Delta R.T. -0.006 min
Lab File: VX029488.D
Acq: 15 Jun 2022 00:16

Tgt Ion: 96 Resp: 6960

Ion	Ratio	Lower	Upper
96	100		
61	395.4	118.2	219.4#
63	2365.3	109.6	203.4#



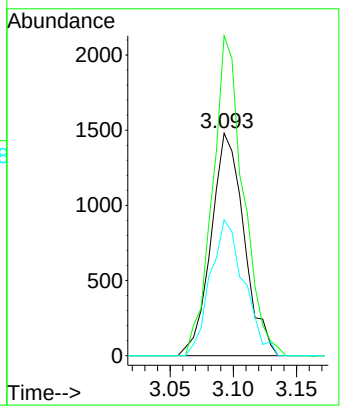


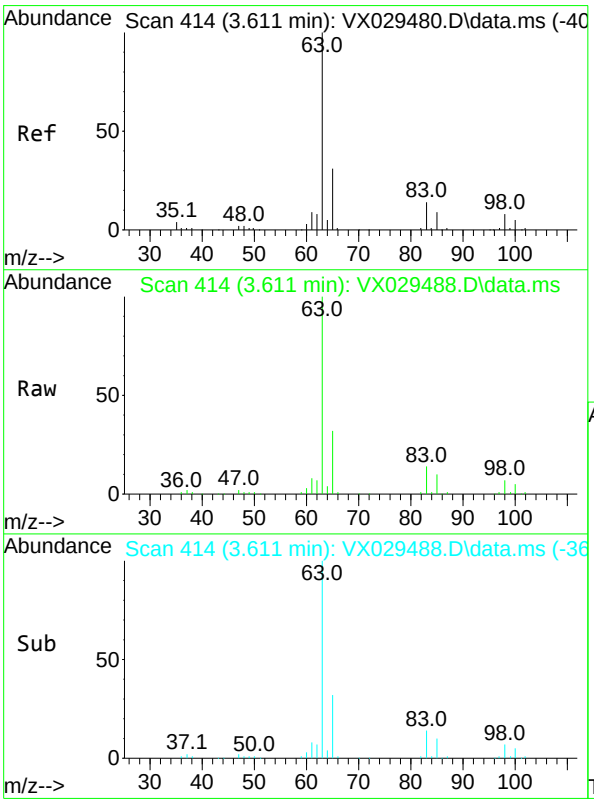
#17
trans-1,2-Dichloroethene
Concen: 1.084 ug/L
RT: 3.093 min Scan# 3
Delta R.T. 0.000 min
Lab File: VX029488.D
Acq: 15 Jun 2022 00:16

Instrument :
MSVOA_X
ClientSampleId :
EXYY7

Tgt Ion: 96 Resp: 2683

Ion	Ratio	Lower	Upper
96	100		
61	143.9	93.0	172.6
98	61.1	44.3	82.3

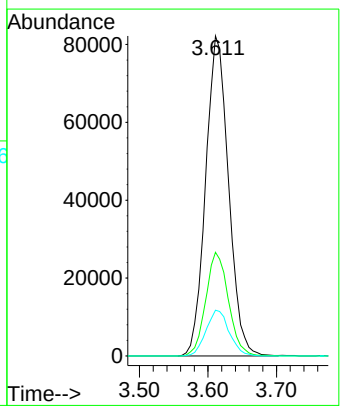


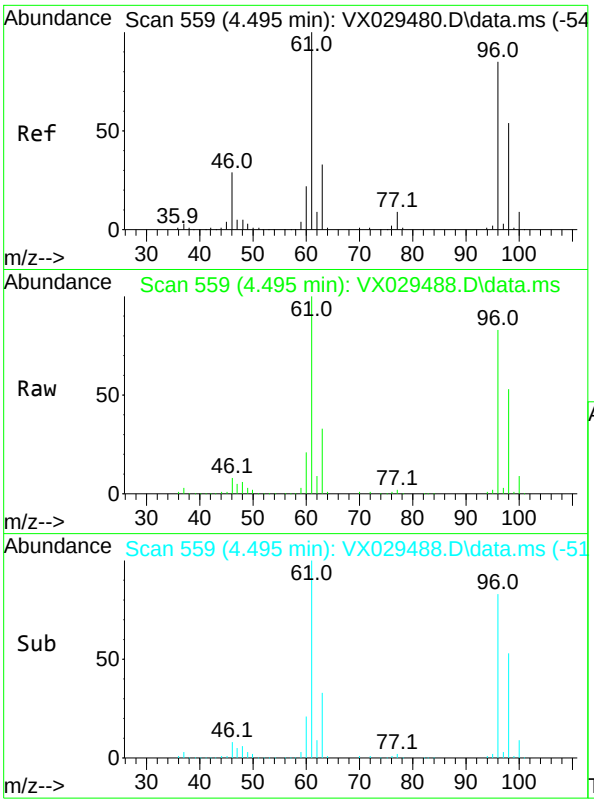


#19
1,1-Dichloroethane
Concen: 43.672 ug/L
RT: 3.611 min Scan# 414
Delta R.T. 0.000 min
Lab File: VX029488.D
Acq: 15 Jun 2022 00:16

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



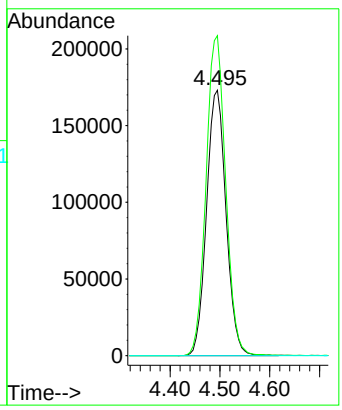


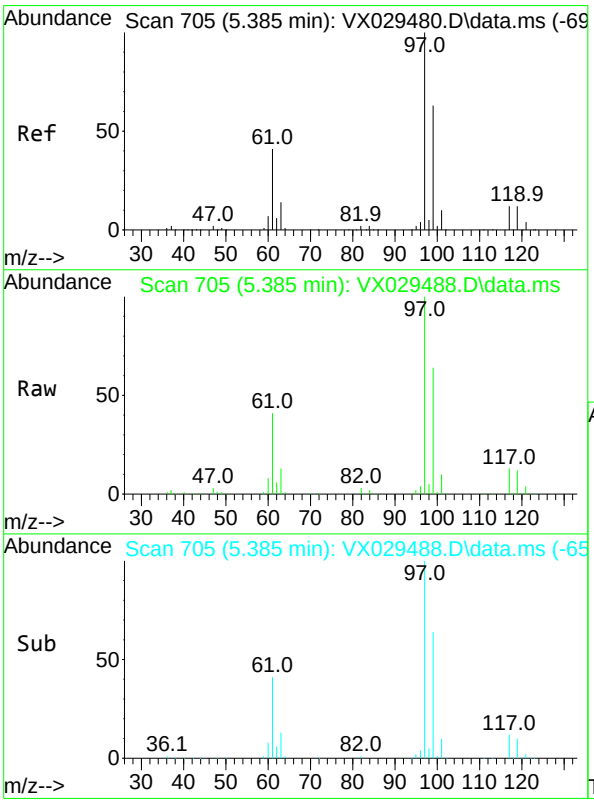
#20
cis-1,2-Dichloroethene
Concen: 167.926 ug/L
RT: 4.495 min Scan# 5
Delta R.T. 0.000 min
Lab File: VX029488.D
Acq: 15 Jun 2022 00:16

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

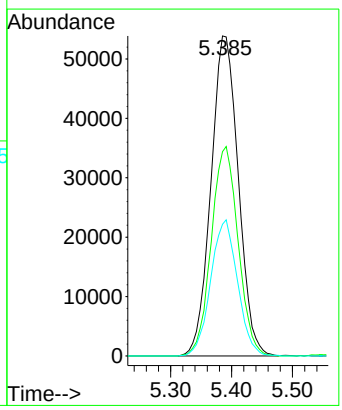


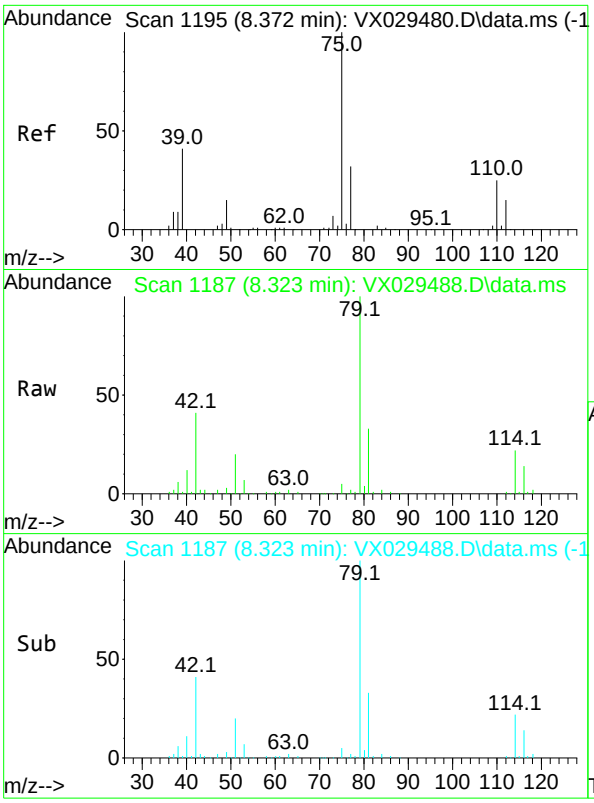


#30
1,1,1-Trichloroethane
Concen: 39.711 ug/L
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX029488.D
Acq: 15 Jun 2022 00:16

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



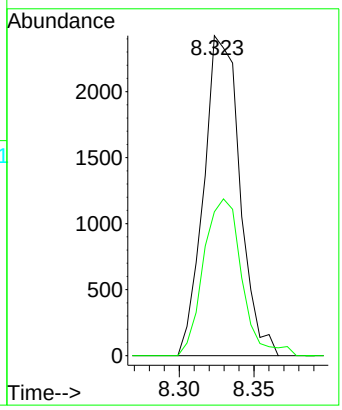


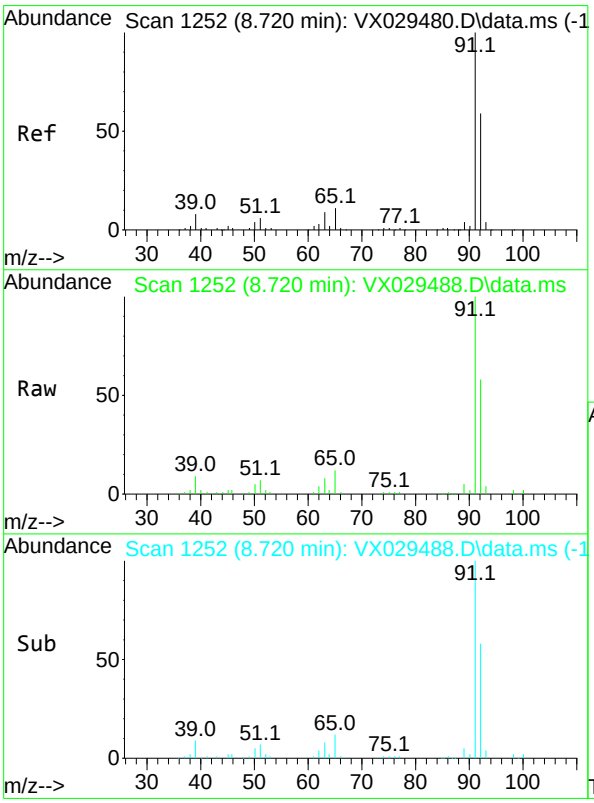
#39
cis-1,3-Dichloropropene
Concen: 1.045 ug/L
RT: 8.323 min Scan# 11
Delta R.T. -0.049 min
Lab File: VX029488.D
Acq: 15 Jun 2022 00:16

Instrument :
MSVOA_X
ClientSampleId :
EXYY7

Tgt Ion: 75 Resp: 4064

Ion	Ratio	Lower	Upper
75	100		
77	44.9	21.1	39.1#

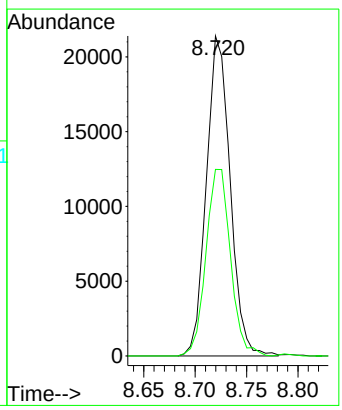


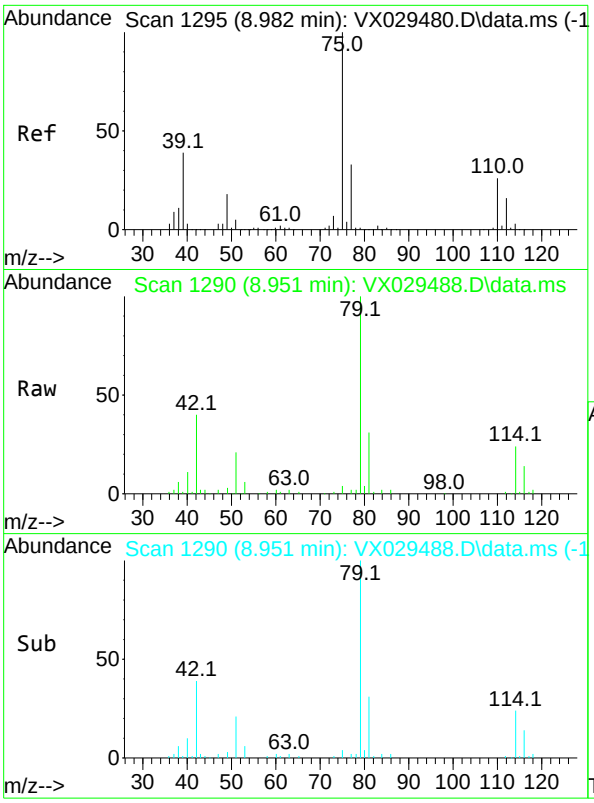


#42
Toluene
Concen: 3.167 ug/L
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX029488.D
Acq: 15 Jun 2022 00:16

Tgt Ion: 91 Resp: 34442

Ion	Ratio	Lower	Upper
91	100		
92	58.3	41.5	77.1



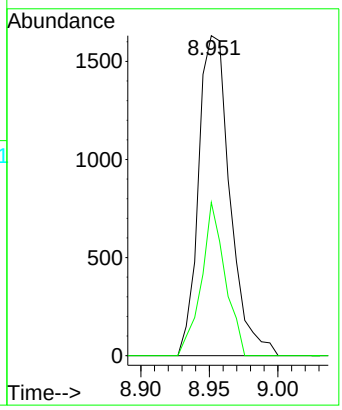


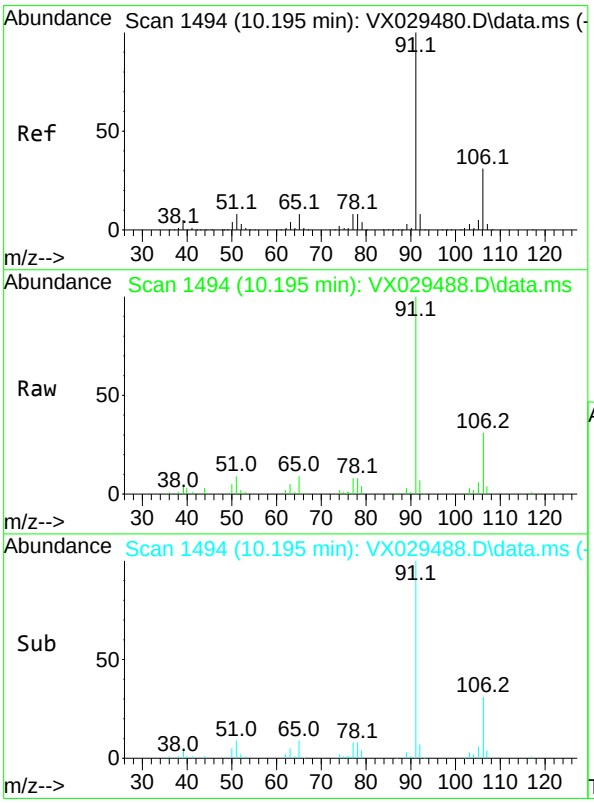
#44
trans-1,3-Dichloropropene
Concen: 0.713 ug/L
RT: 8.951 min Scan# 1
Delta R.T. -0.030 min
Lab File: VX029488.D
Acq: 15 Jun 2022 00:16

Instrument :
MSVOA_X
ClientSampleId :
EXYY7

Tgt Ion: 75 Resp: 2600

Ion	Ratio	Lower	Upper
75	100		
77	47.9	22.3	41.3#

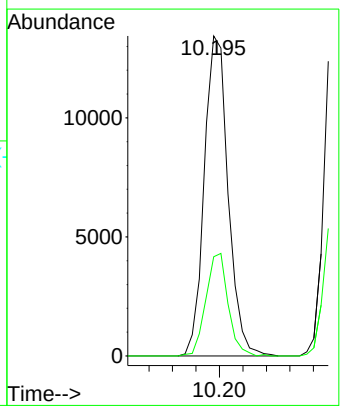


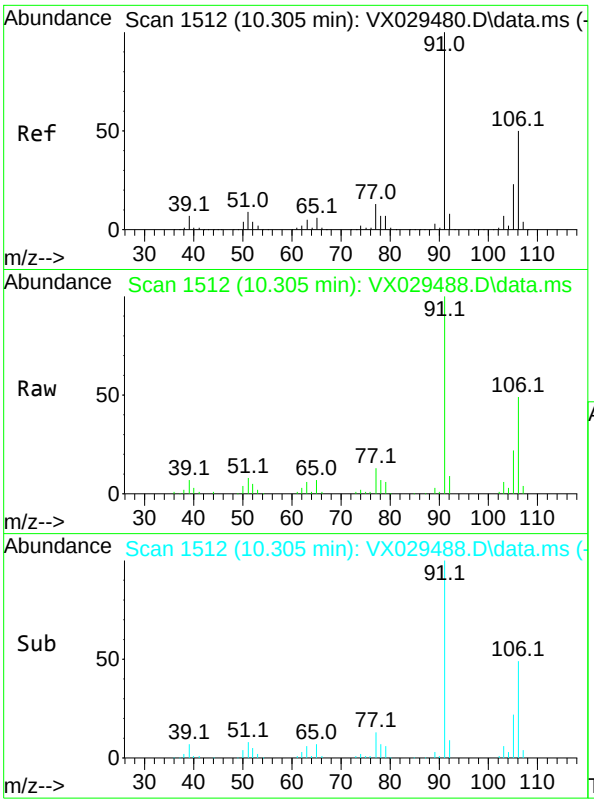


#52
Ethylbenzene
Concen: 1.596 ug/L
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX029488.D
Acq: 15 Jun 2022 00:16

Tgt Ion: 91 Resp: 18995

Ion	Ratio	Lower	Upper
91	100		
106	31.0	21.7	40.3



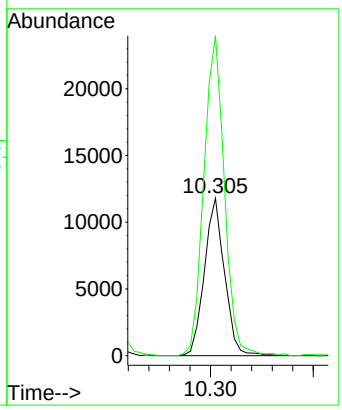


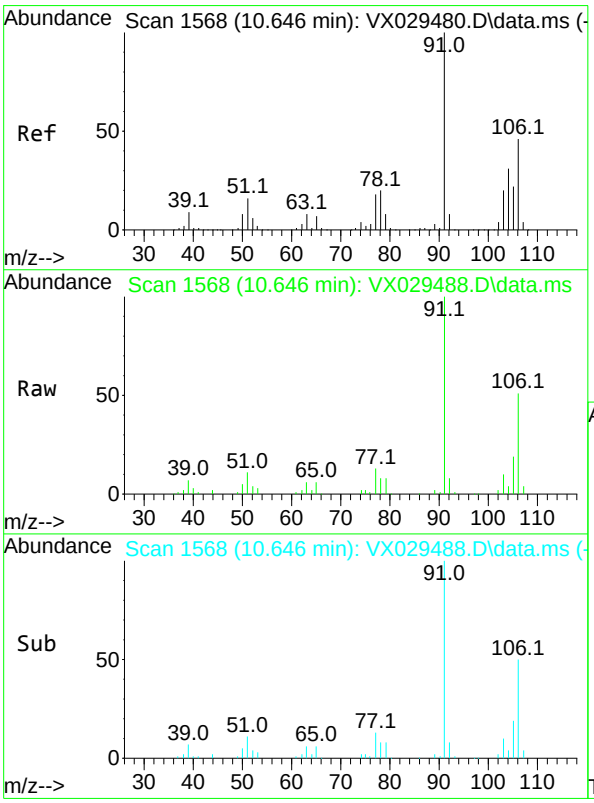
#53
m,p-Xylene
Concen: 3.435 ug/L
RT: 10.305 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX029488.D
Acq: 15 Jun 2022 00:16

Instrument :
MSVOA_X
ClientSampleId :
EXYY7

Tgt Ion:106 Resp: 16048

Ion	Ratio	Lower	Upper
106	100		
91	203.2	145.7	270.5

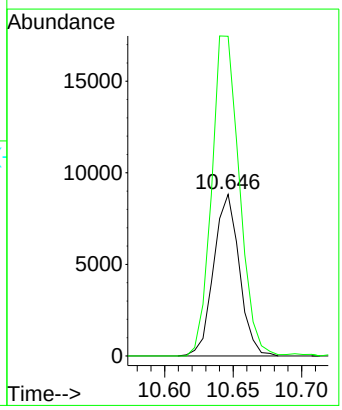


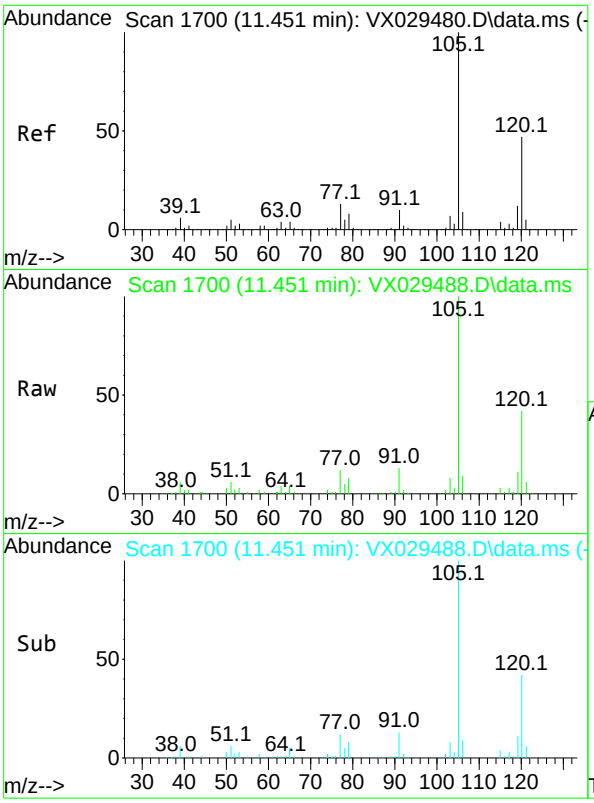


#54
o-Xylene
Concen: 2.499 ug/L
RT: 10.646 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VX029488.D
Acq: 15 Jun 2022 00:16

Tgt Ion:106 Resp: 11514

Ion	Ratio	Lower	Upper
106	100		
91	197.8	151.2	280.8



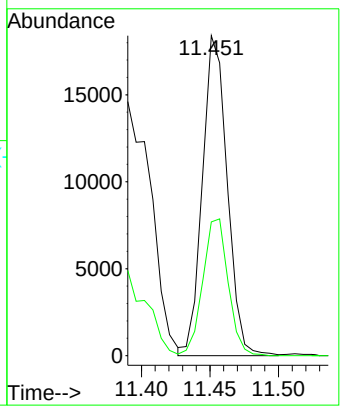


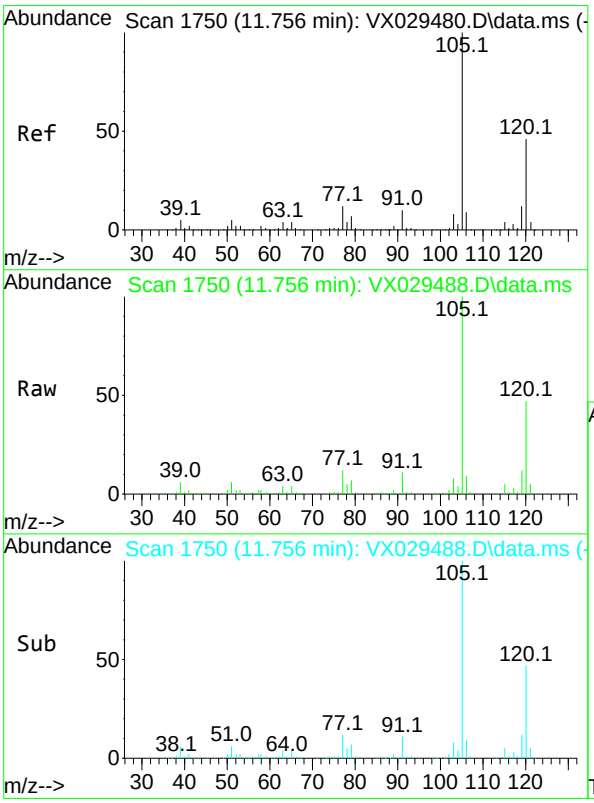
#62
1,3,5-Trimethylbenzene
Concen: 2.411 ug/L
RT: 11.451 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX029488.D
Acq: 15 Jun 2022 00:16

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