Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032222\
Data File : VX027629.D
Acq On : 22 Mar 2022 21:00
Operator : JC/MD
Sample : N2028-08
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-118E

Quant Time: Mar 23 01:51:54 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031722W.M
Quant Title : SW846 8260
QLast Update : Thu Mar 17 15:02:59 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.556	168	347000	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	537342	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	503581	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	226945	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	189190	44.258	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 88.520%			
35) Dibromofluoromethane	5.391	113	182375	52.753	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 105.500%			
50) Toluene-d8	8.653	98	644779	49.286	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 98.580%			
62) 4-Bromofluorobenzene	11.085	95	229359	47.699	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 95.400%			
Target Compounds						Qvalue
11) Tert butyl alcohol	2.965	59	3745	4.597	ug/l	98
16) Acetone	2.380	43	6816	3.912	ug/l	96
19) Methyl tert-butyl Ether	3.117	73	12406	1.141	ug/l	98
52) Toluene	8.726	92	2789	0.307	ug/l	94
68) m/p-Xylenes	10.305	106	3059	0.438	ug/l	95

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

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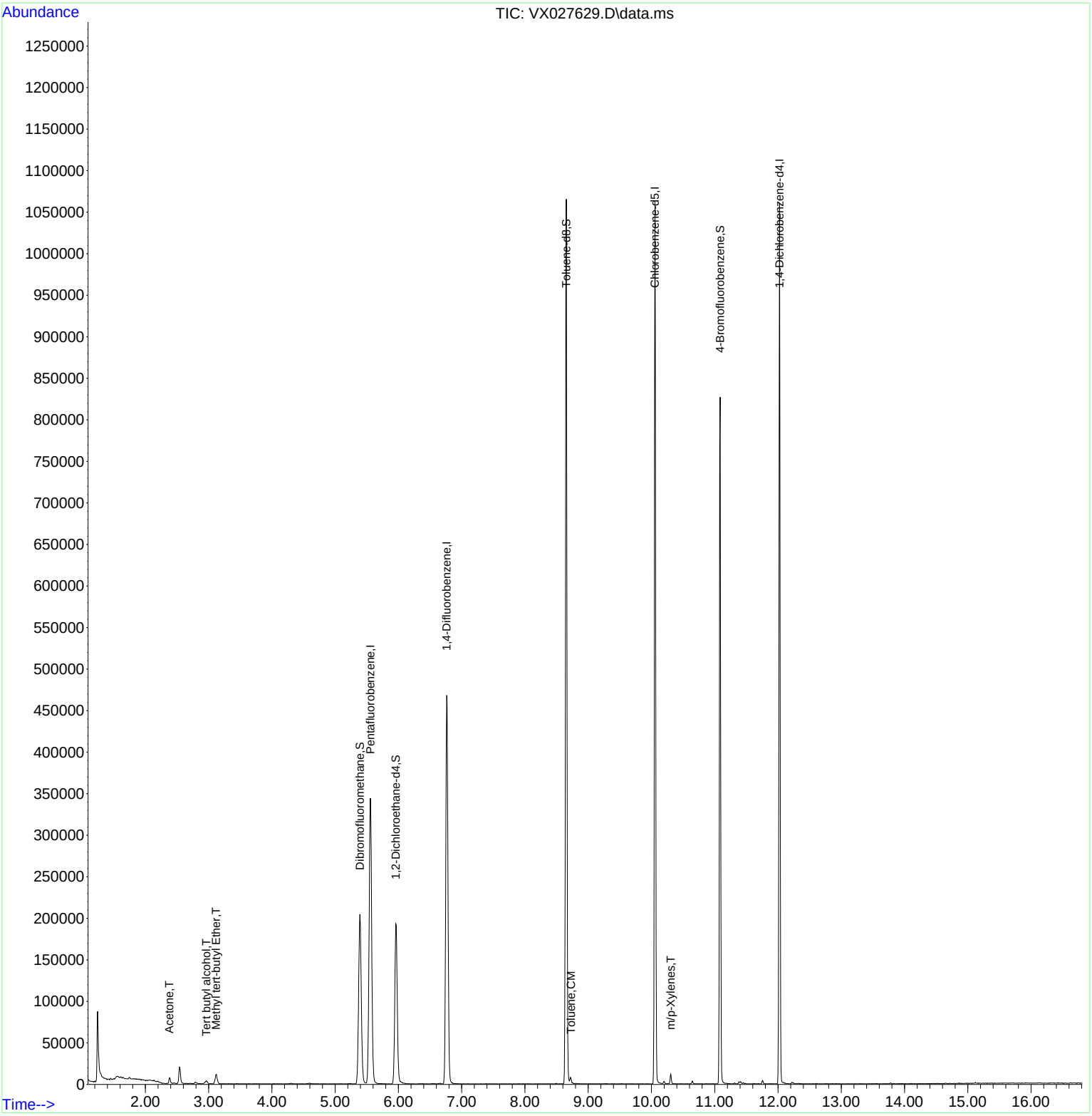
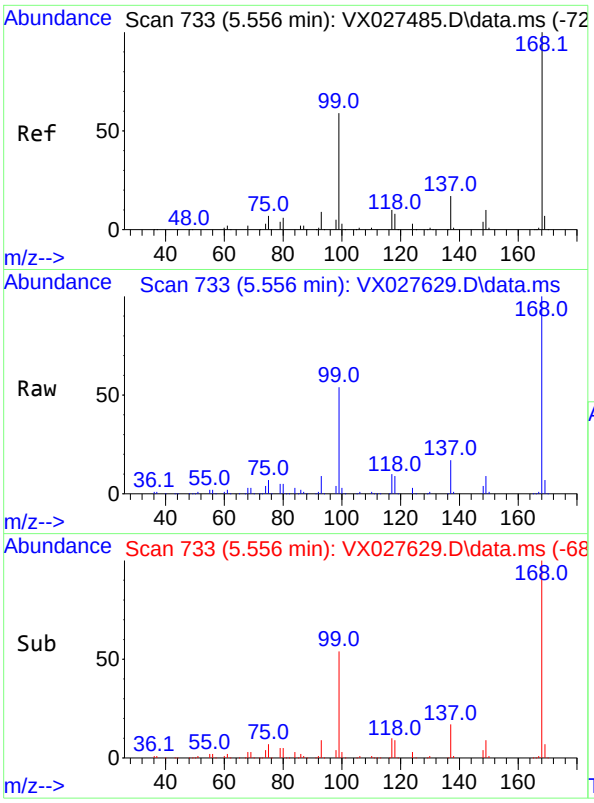


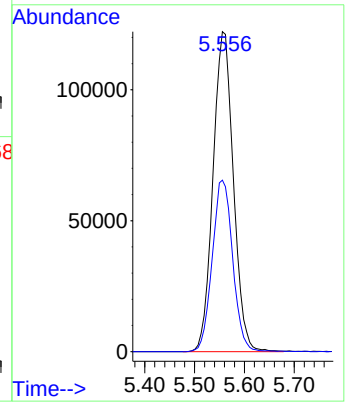


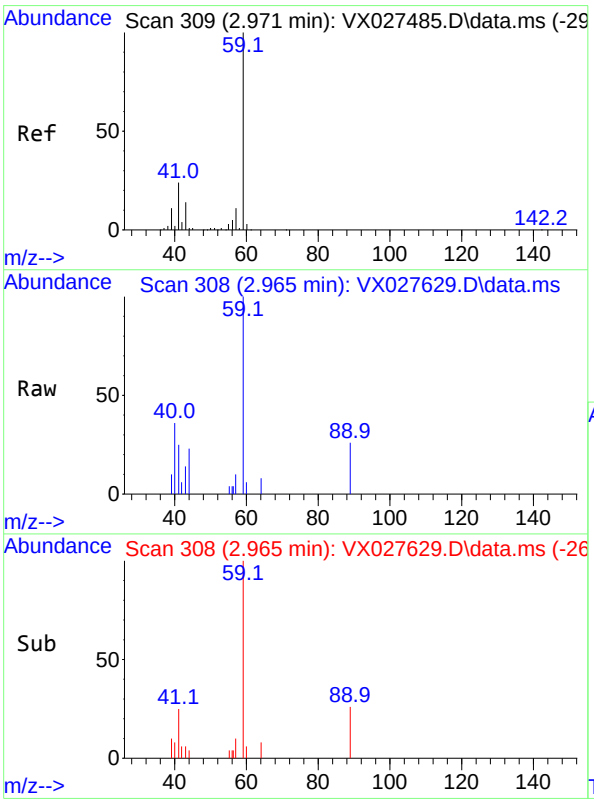
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX027629.D
Acq: 22 Mar 2022 21:00

Instrument :
MSVOA_X
ClientSampleId :
MW-118E

Tgt Ion:168 Resp: 347000

Ion	Ratio	Lower	Upper
168	100		
99	53.6	41.7	62.5

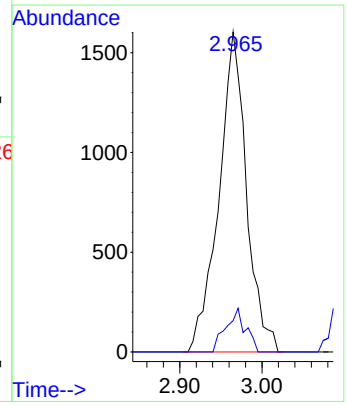


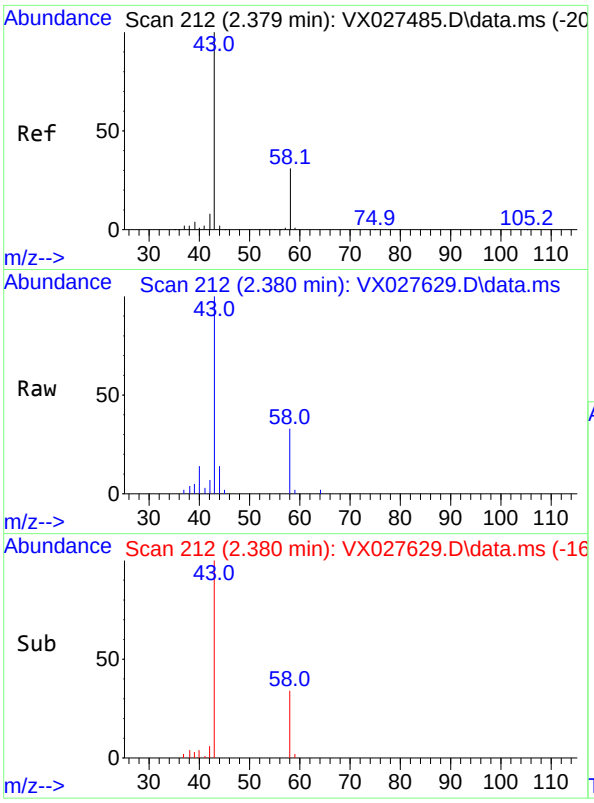


#11
Tert butyl alcohol
Concen: 4.597 ug/l
RT: 2.965 min Scan# 308
Delta R.T. -0.006 min
Lab File: VX027629.D
Acq: 22 Mar 2022 21:00

Tgt Ion: 59 Resp: 3745

Ion	Ratio	Lower	Upper
59	100		
57	9.7	8.3	12.5



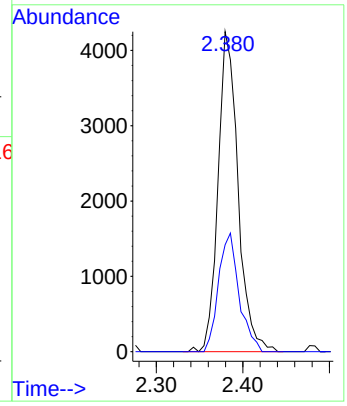


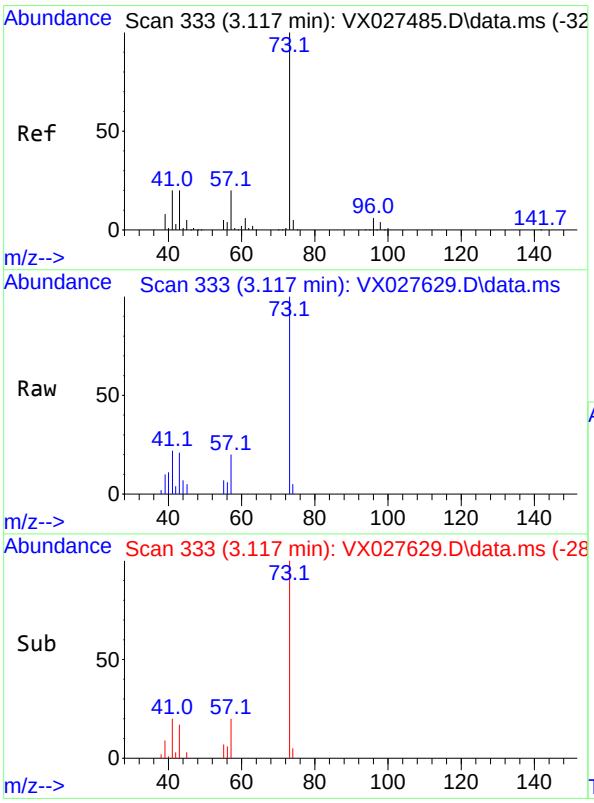
#16
Acetone
Concen: 3.912 ug/l
RT: 2.380 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX027629.D
Acq: 22 Mar 2022 21:00

Instrument :
MSVOA_X
ClientSampleId :
MW-118E

Tgt Ion: 43 Resp: 6816

Ion	Ratio	Lower	Upper
43	100		
58	33.4	28.8	43.2

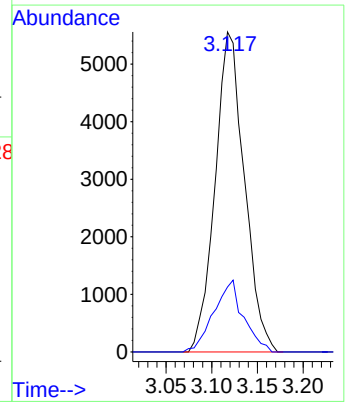


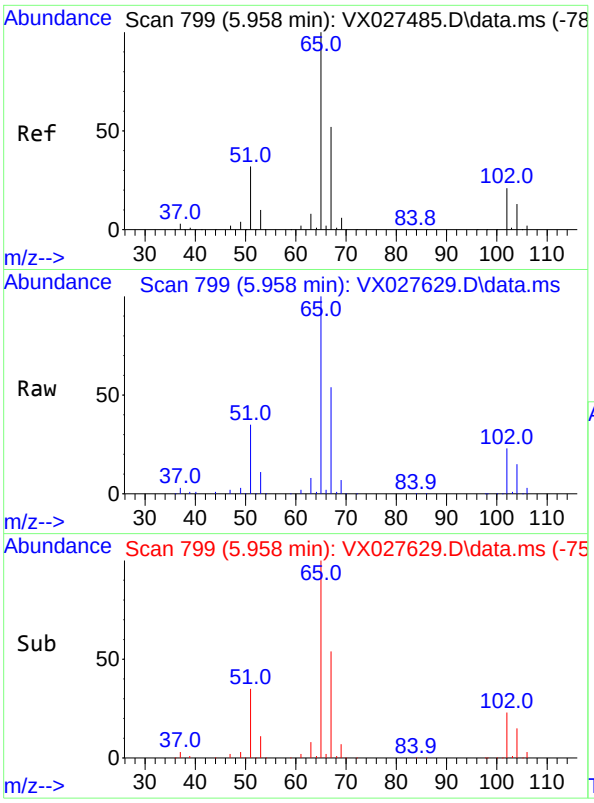


#19
Methyl tert-butyl Ether
Concen: 1.141 ug/l
RT: 3.117 min Scan# 333
Delta R.T. 0.000 min
Lab File: VX027629.D
Acq: 22 Mar 2022 21:00

Tgt Ion: 73 Resp: 12406

Ion	Ratio	Lower	Upper
73	100		
57	20.3	16.8	25.2



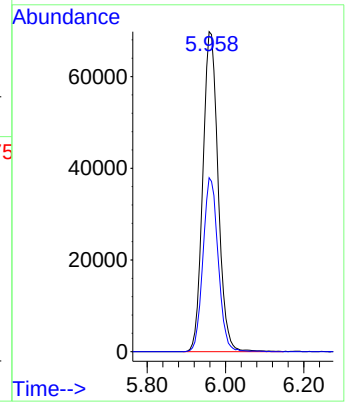


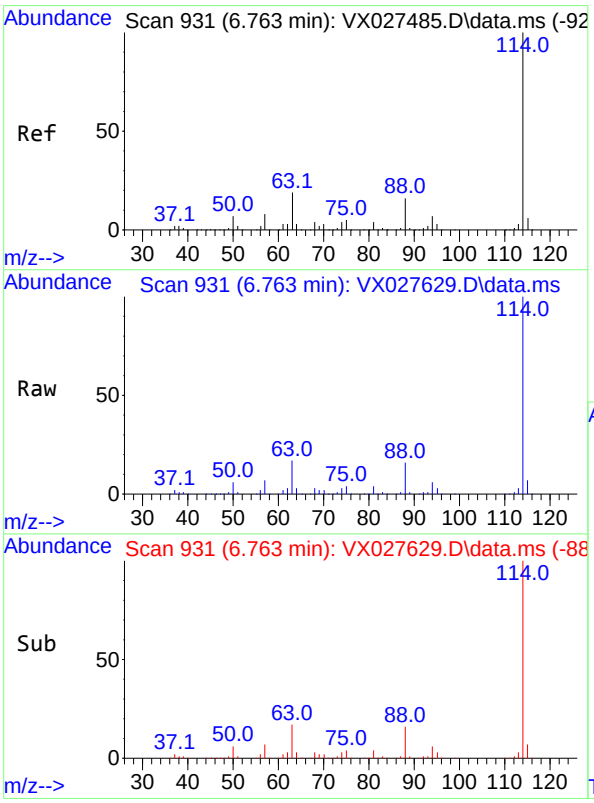
#33
1,2-Dichloroethane-d4
Concen: 44.258 ug/l
RT: 5.958 min Scan# 7
Delta R.T. 0.000 min
Lab File: VX027629.D
Acq: 22 Mar 2022 21:00

Instrument :
MSVOA_X
ClientSampleId :
MW-118E

Tgt Ion: 65 Resp: 189190

Ion	Ratio	Lower	Upper
65	100		
67	53.8	0.0	107.4

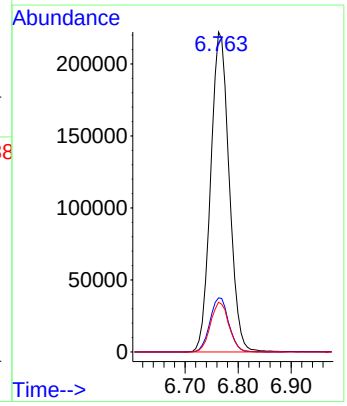


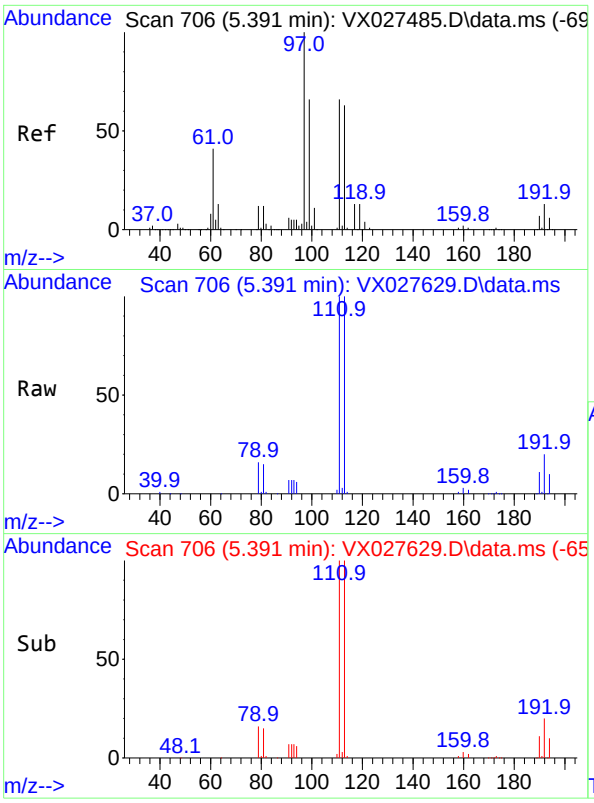


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. 0.000 min
Lab File: VX027629.D
Acq: 22 Mar 2022 21:00

Tgt Ion:114 Resp: 537342

Ion	Ratio	Lower	Upper
114	100		
63	16.9	0.0	36.8
88	15.6	0.0	32.4



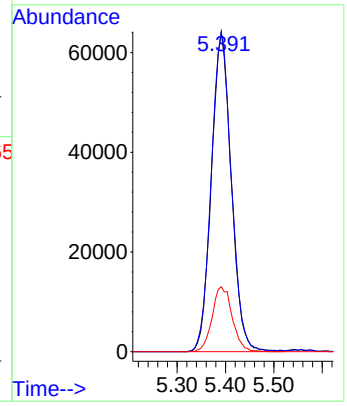


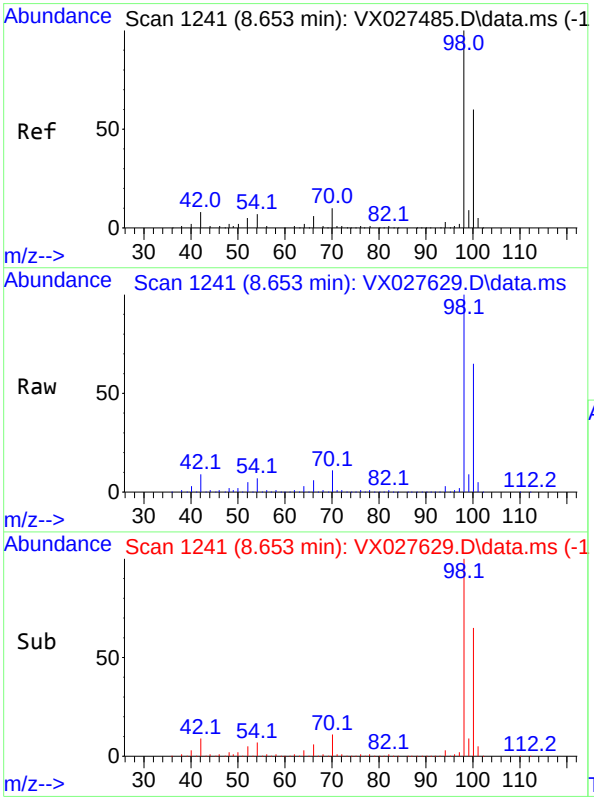
#35
Dibromofluoromethane
Concen: 52.753 ug/l
RT: 5.391 min Scan# 7
Delta R.T. 0.000 min
Lab File: VX027629.D
Acq: 22 Mar 2022 21:00

Instrument :
MSVOA_X
ClientSampleId :
MW-118E

Tgt Ion:113 Resp: 182375

Ion	Ratio	Lower	Upper
113	100		
111	101.6	82.8	124.2
192	20.6	16.9	25.3

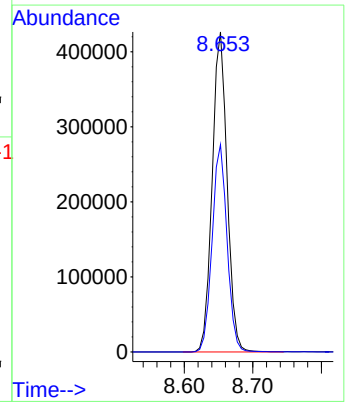


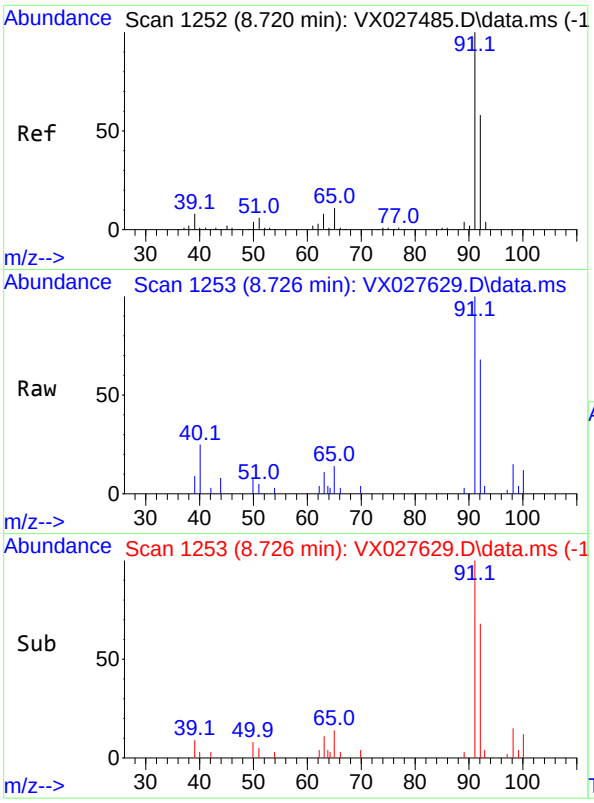


#50
Toluene-d8
Concen: 49.286 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX027629.D
Acq: 22 Mar 2022 21:00

Tgt Ion: 98 Resp: 644779

Ion	Ratio	Lower	Upper
98	100		
100	64.8	52.6	78.8



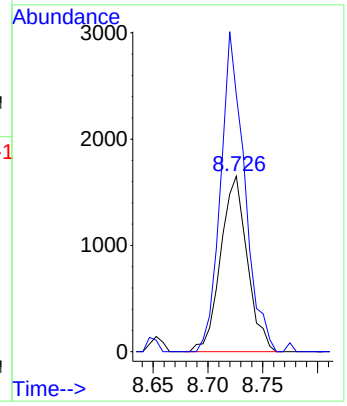


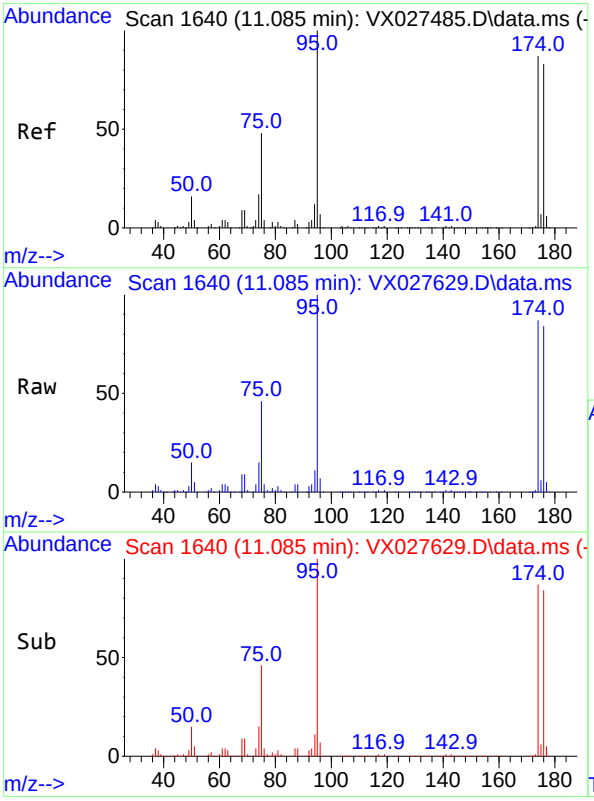
#52
Toluene
Concen: 0.307 ug/l
RT: 8.726 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX027629.D
Acq: 22 Mar 2022 21:00

Instrument :
MSVOA_X
ClientSampleId :
MW-118E

Tgt Ion: 92 Resp: 2789

Ion	Ratio	Lower	Upper
92	100		
91	164.0	137.5	206.3

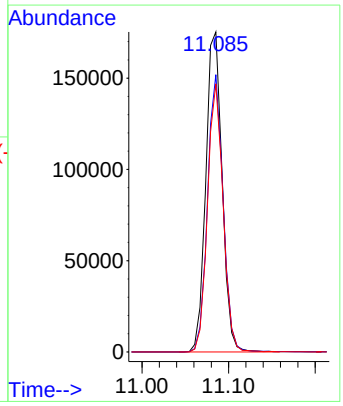


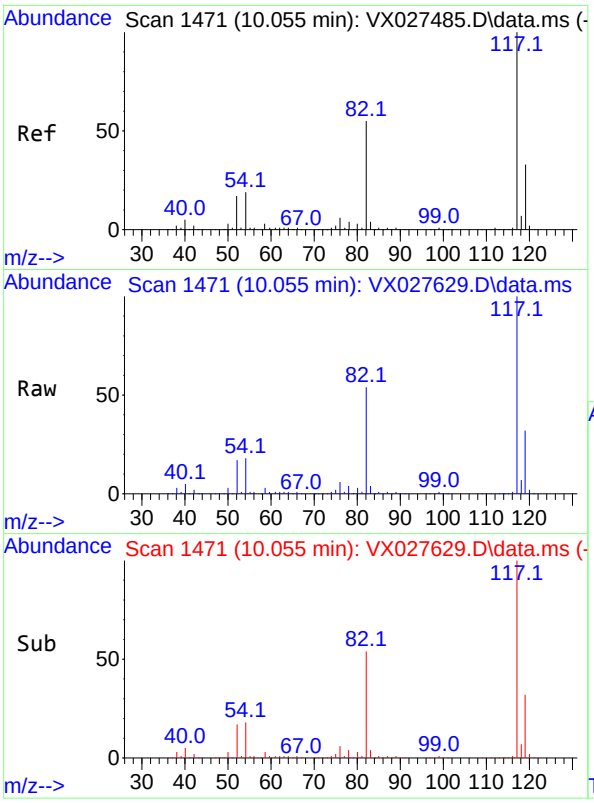


#62
4-Bromofluorobenzene
Concen: 47.699 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX027629.D
Acq: 22 Mar 2022 21:00

Tgt Ion: 95 Resp: 229359

Ion	Ratio	Lower	Upper
95	100		
174	82.9	0.0	163.0
176	80.2	0.0	155.0



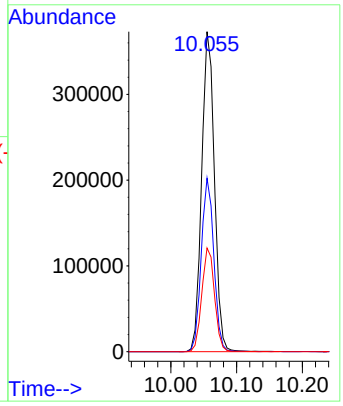


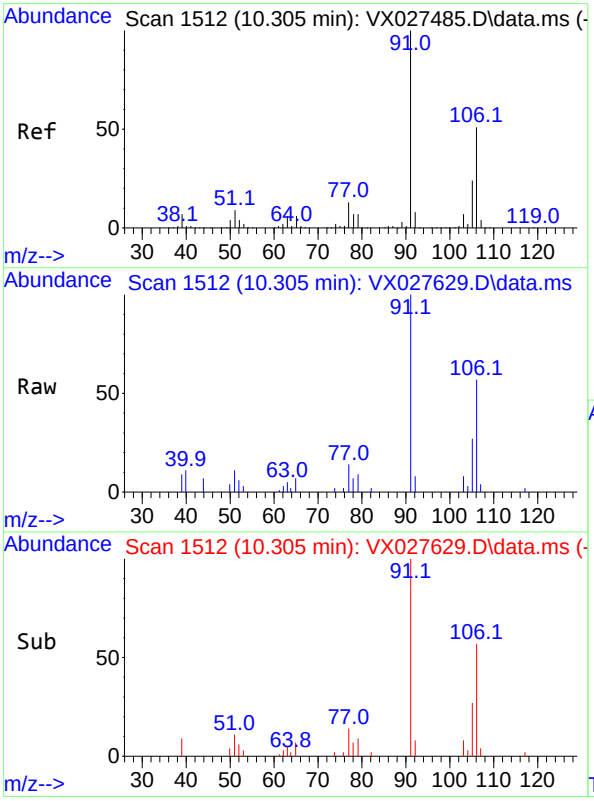
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX027629.D
Acq: 22 Mar 2022 21:00

Instrument :
MSVOA_X
ClientSampleId :
MW-118E

Tgt Ion:117 Resp: 503581

Ion	Ratio	Lower	Upper
117	100		
82	54.2	41.8	62.8
119	32.4	24.8	37.2

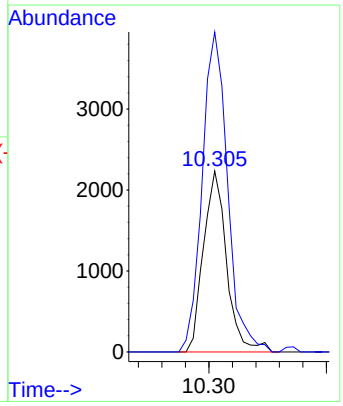


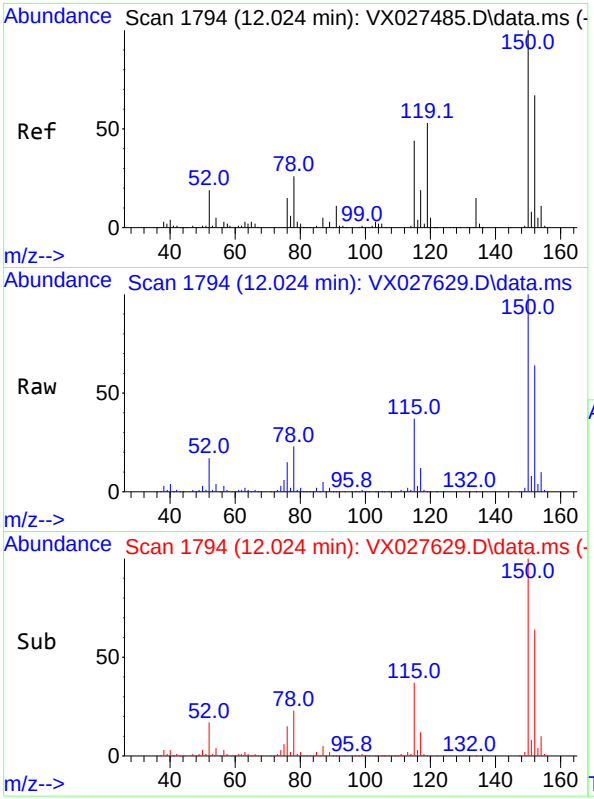


#68
m/p-Xylenes
Concen: 0.438 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX027629.D
Acq: 22 Mar 2022 21:00

Tgt Ion:106 Resp: 3059

Ion	Ratio	Lower	Upper
106	100		
91	193.1	160.4	240.6





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX027629.D
Acq: 22 Mar 2022 21:00

Instrument :
MSVOA_X
ClientSampleId :
MW-118E

Tgt Ion:152 Resp: 226945

Ion	Ratio	Lower	Upper
152	100		
115	57.8	37.5	112.7
150	156.8	0.0	338.2