Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032322\
Data File : VX027665.D
Acq On : 23 Mar 2022 14:16
Operator : JC/MD
Sample : N2028-05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-116D

Quant Time: Mar 24 04:35:40 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	333939	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	536773	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	506430	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	220329	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	196798	47.839	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 95.680%			
35) Dibromofluoromethane	5.391	113	175325	50.767	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 101.540%			
50) Toluene-d8	8.653	98	629869	48.198	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 96.400%			
62) 4-Bromofluorobenzene	11.079	95	230266	47.938	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 95.880%			
Target Compounds						Qvalue
16) Acetone	2.380	43	3580	2.135	ug/l	95
19) Methyl tert-butyl Ether	3.117	73	7162	0.685	ug/l	94
67) Ethyl Benzene	10.195	91	6277	0.352	ug/l #	87
68) m/p-Xylenes	10.305	106	2520	0.359	ug/l	96
84) 1,2,4-Trimethylbenzene	11.756	105	3393	0.252	ug/l	99

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

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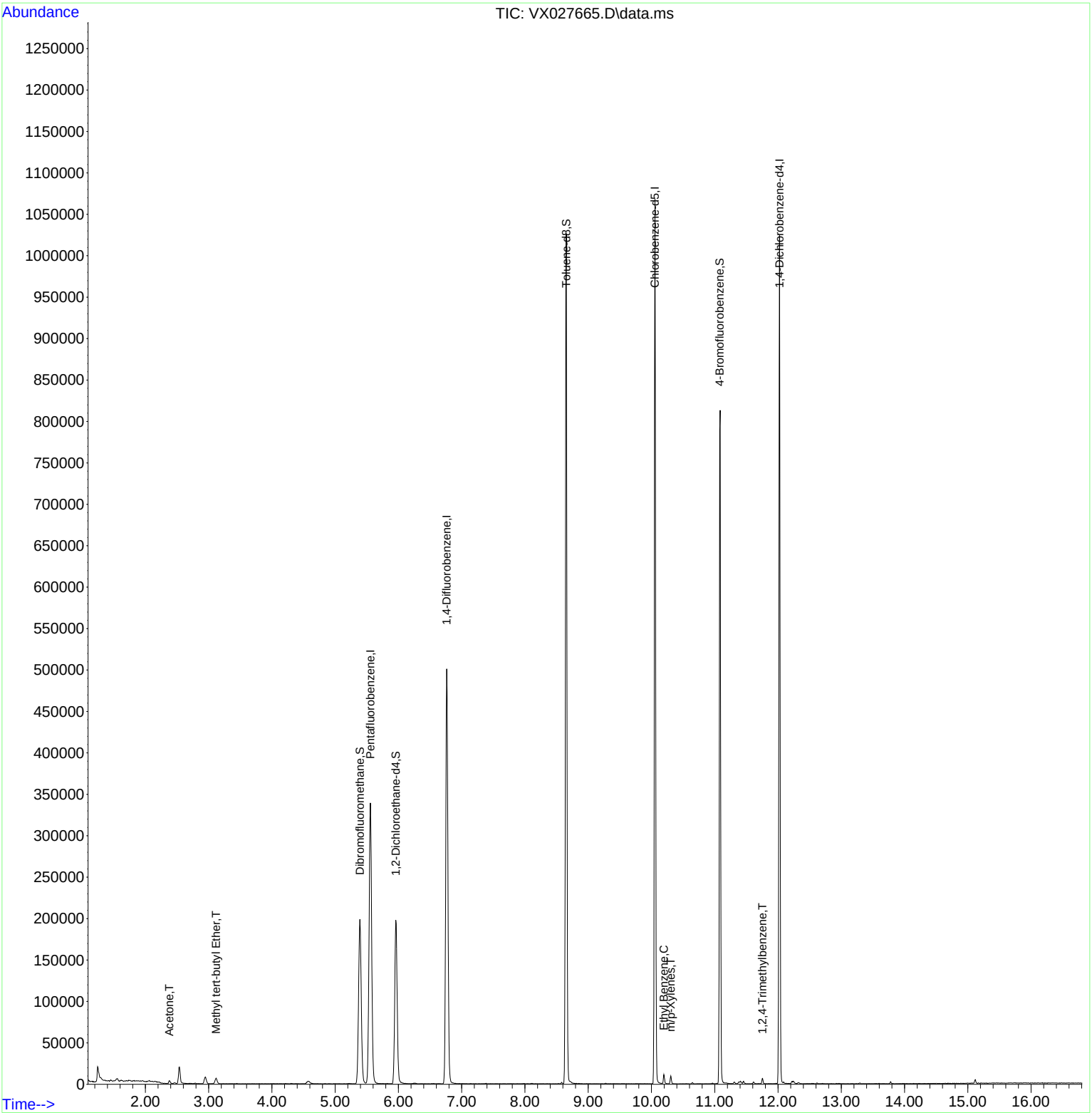
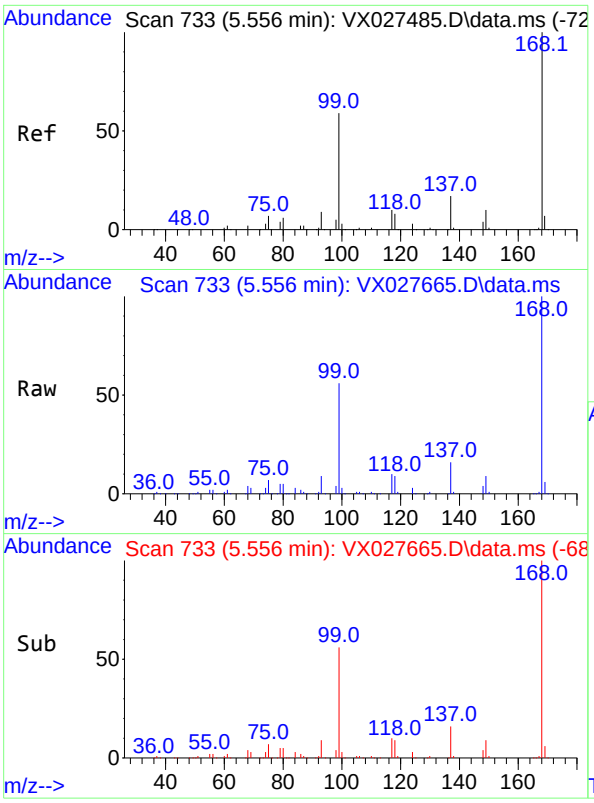


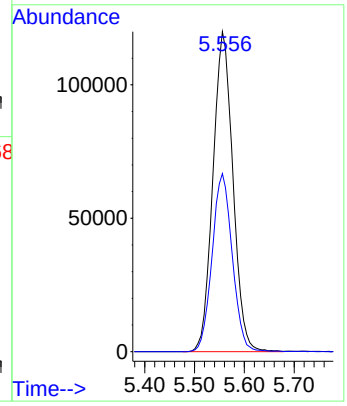


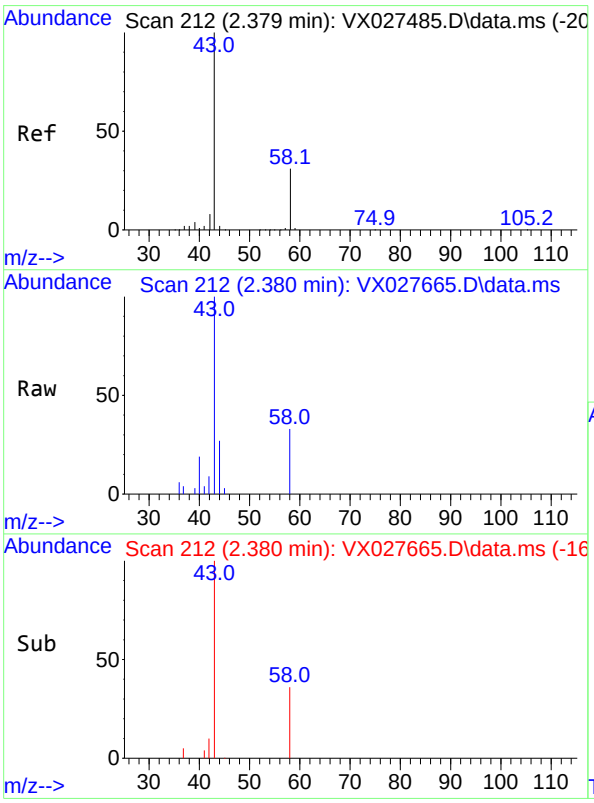
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX027665.D
Acq: 23 Mar 2022 14:16

Instrument :
MSVOA_X
ClientSampleId :
MW-116D

Tgt Ion:168 Resp: 333939

Ion	Ratio	Lower	Upper
168	100		
99	55.6	41.7	62.5

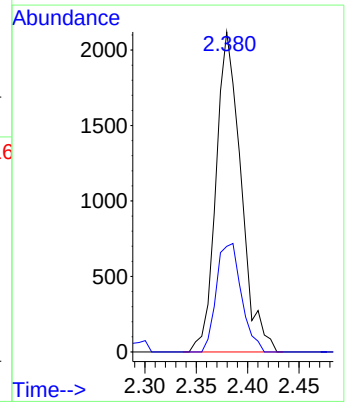


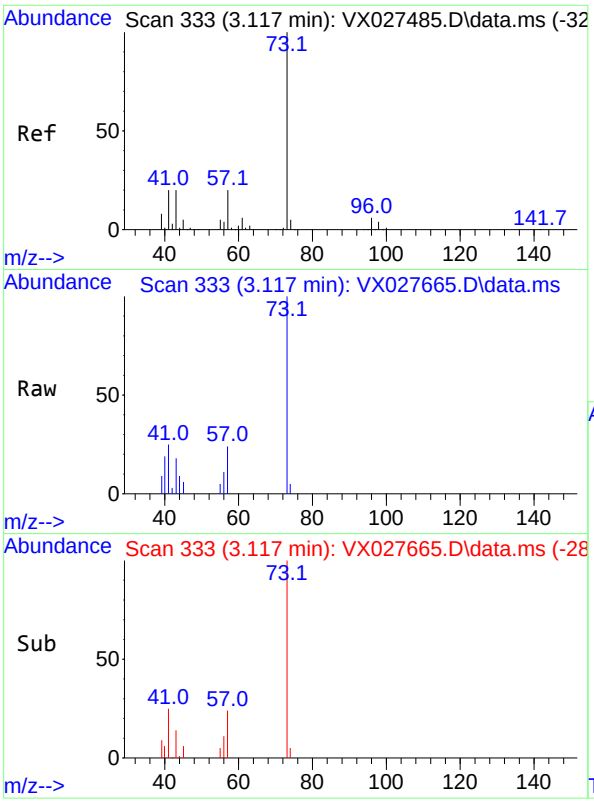


#16
Acetone
Concen: 2.135 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.000 min
Lab File: VX027665.D
Acq: 23 Mar 2022 14:16

Tgt Ion: 43 Resp: 3580

Ion	Ratio	Lower	Upper
43	100		
58	33.0	28.8	43.2



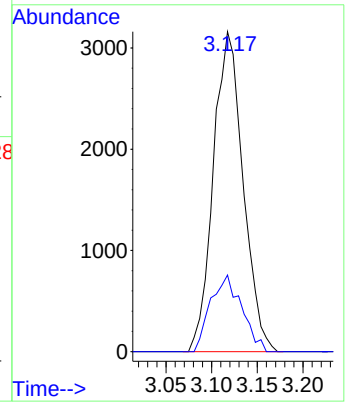


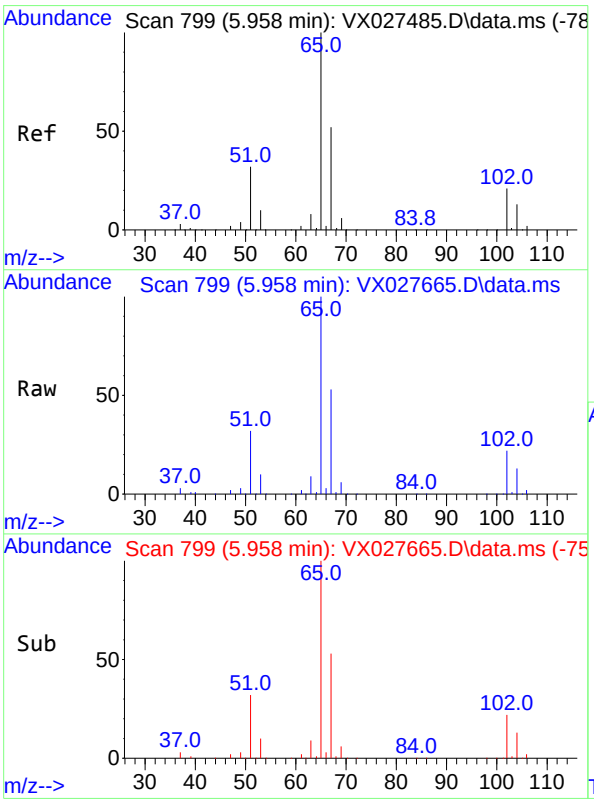
#19
Methyl tert-butyl Ether
Concen: 0.685 ug/l
RT: 3.117 min Scan# 3
Delta R.T. 0.000 min
Lab File: VX027665.D
Acq: 23 Mar 2022 14:16

Instrument :
MSVOA_X
ClientSampleId :
MW-116D

Tgt Ion: 73 Resp: 7162

Ion	Ratio	Lower	Upper
73	100		
57	23.9	16.8	25.2

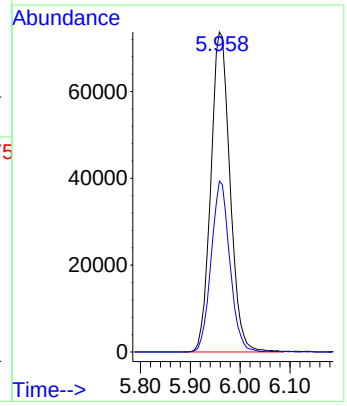


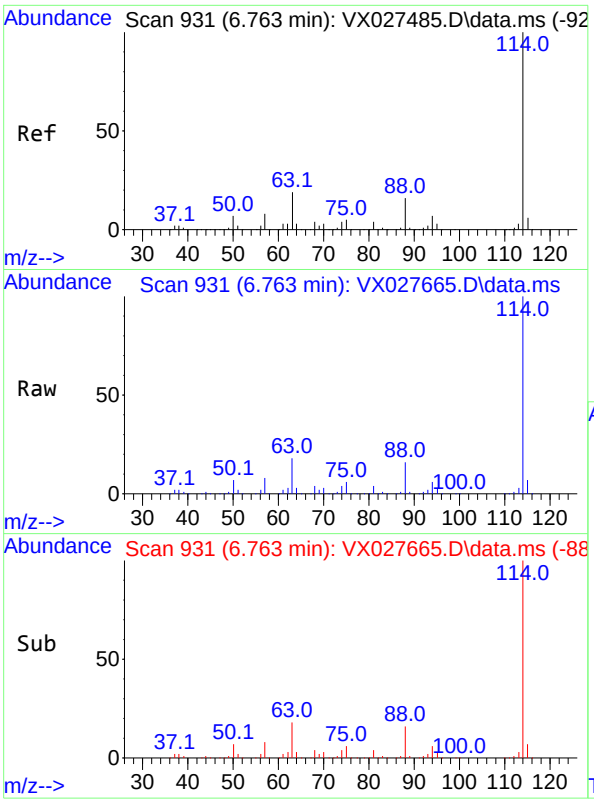


#33
1,2-Dichloroethane-d4
Concen: 47.839 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX027665.D
Acq: 23 Mar 2022 14:16

Tgt Ion: 65 Resp: 196798

Ion	Ratio	Lower	Upper
65	100		
67	51.9	0.0	107.4



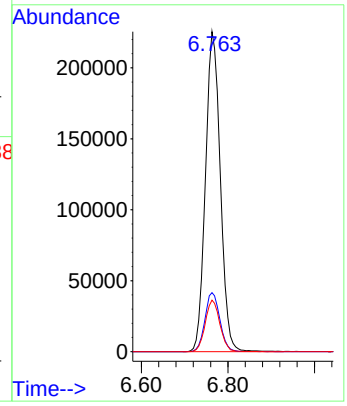


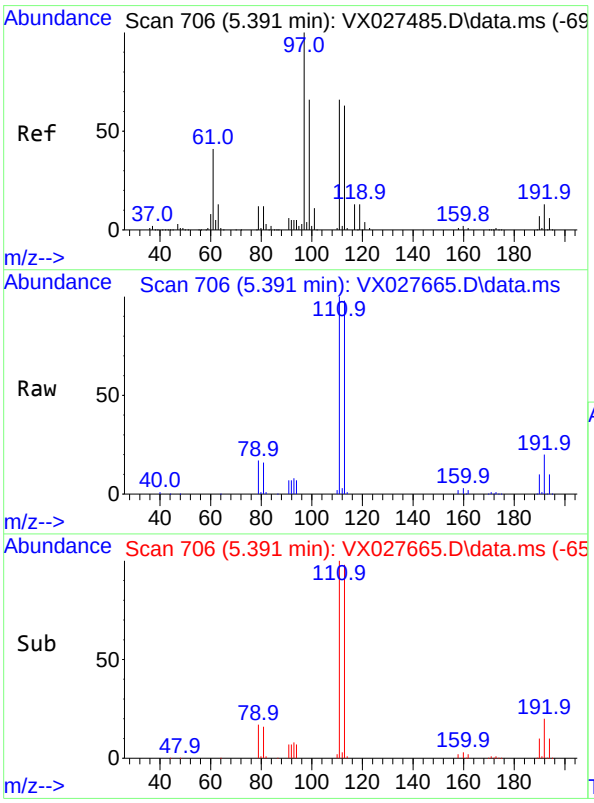
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 9
Delta R.T. 0.000 min
Lab File: VX027665.D
Acq: 23 Mar 2022 14:16

Instrument :
MSVOA_X
ClientSampleId :
MW-116D

Tgt Ion:114 Resp: 536773

Ion	Ratio	Lower	Upper
114	100		
63	18.5	0.0	36.8
88	16.1	0.0	32.4

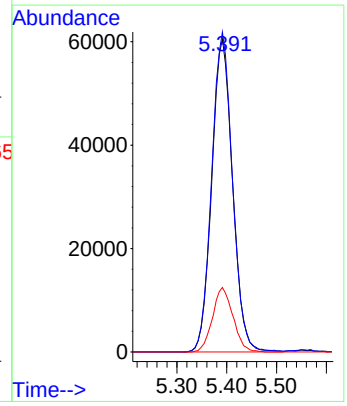


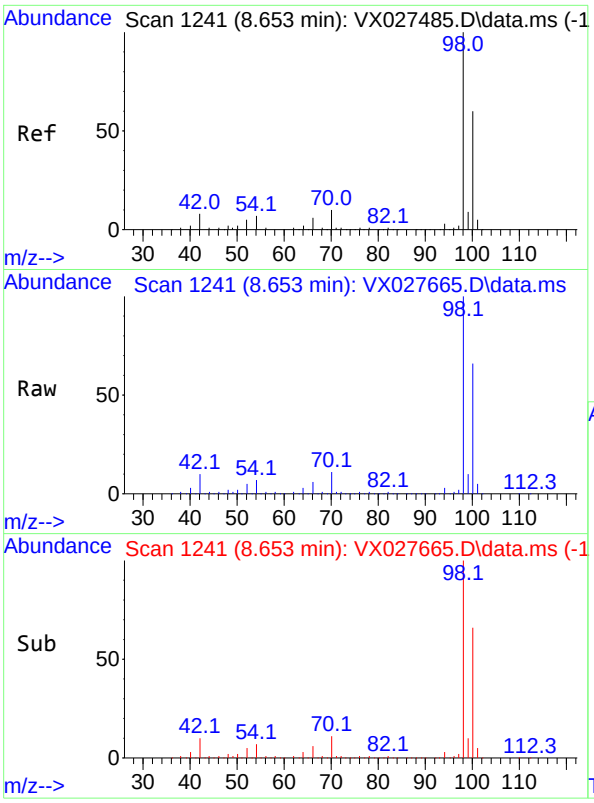


#35
Dibromofluoromethane
Concen: 50.767 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX027665.D
Acq: 23 Mar 2022 14:16

Tgt Ion:113 Resp: 175325

Ion	Ratio	Lower	Upper
113	100		
111	102.0	82.8	124.2
192	20.2	16.9	25.3



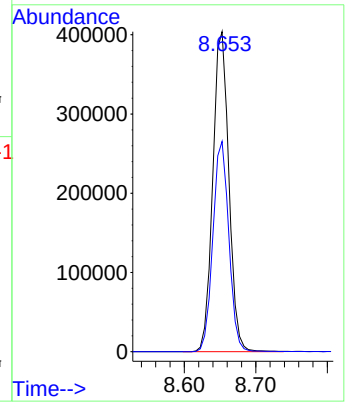


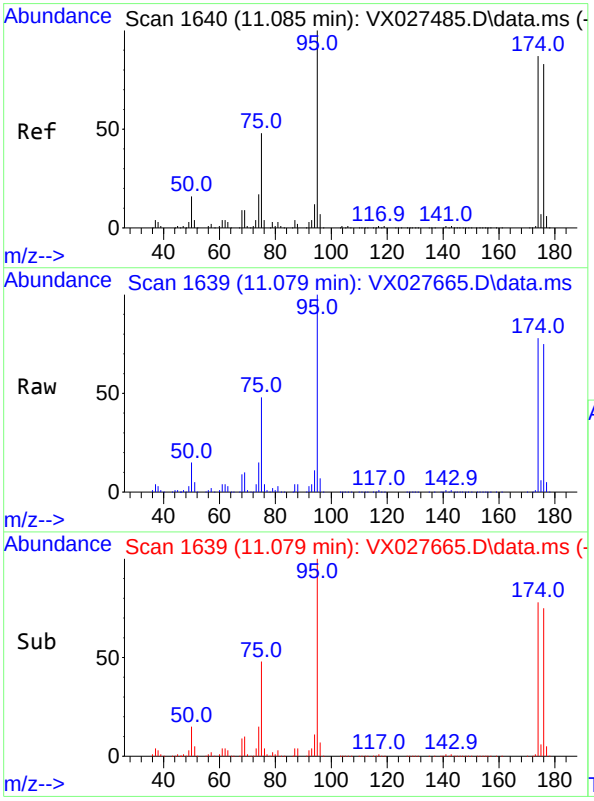
#50
Toluene-d8
Concen: 48.198 ug/l
RT: 8.653 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX027665.D
Acq: 23 Mar 2022 14:16

Instrument :
MSVOA_X
ClientSampleId :
MW-116D

Tgt Ion: 98 Resp: 629869

Ion	Ratio	Lower	Upper
98	100		
100	65.2	52.6	78.8

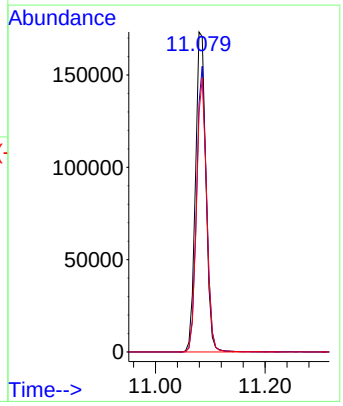


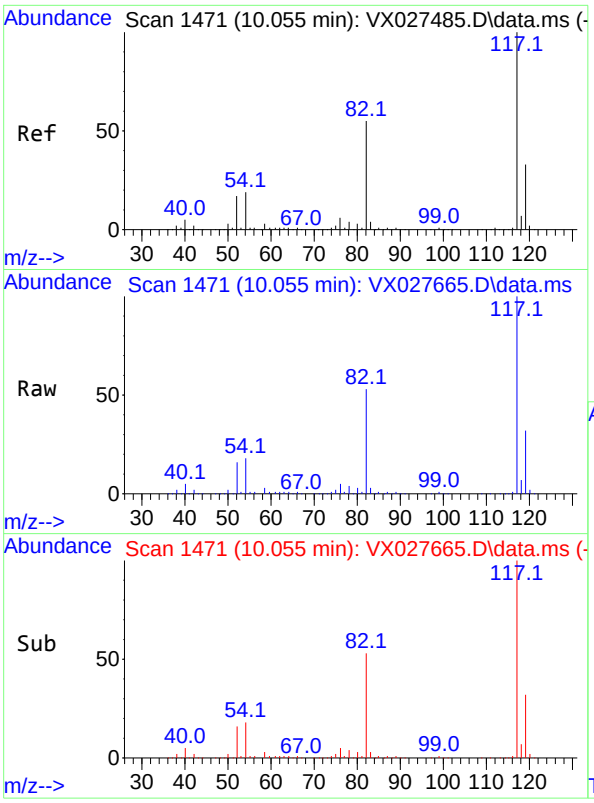


#62
4-Bromofluorobenzene
Concen: 47.938 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX027665.D
Acq: 23 Mar 2022 14:16

Tgt Ion: 95 Resp: 230266

Ion	Ratio	Lower	Upper
95	100		
174	85.3	0.0	163.0
176	82.6	0.0	155.0



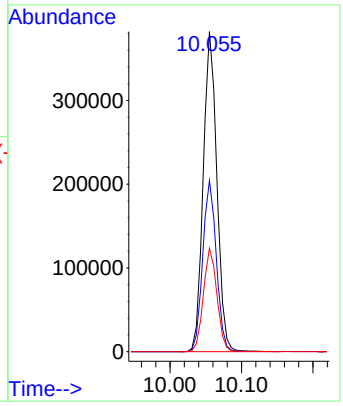


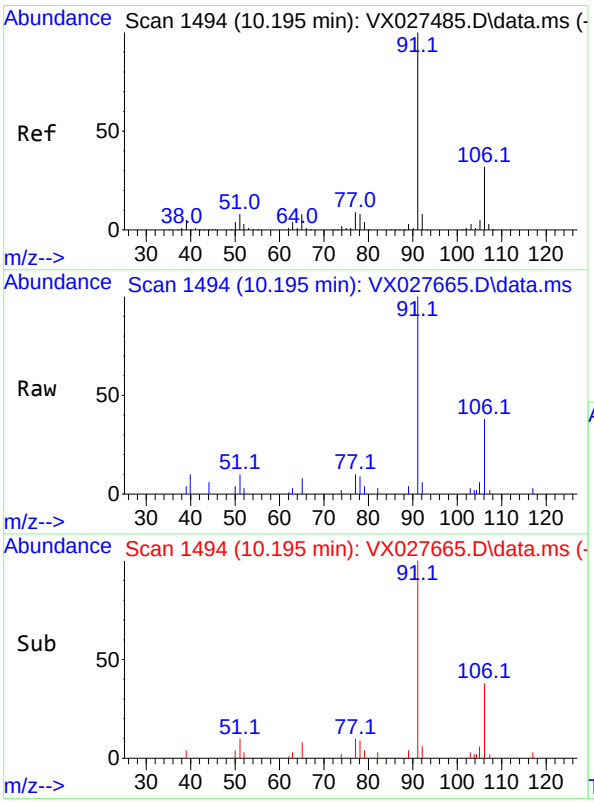
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX027665.D
Acq: 23 Mar 2022 14:16

Instrument :
MSVOA_X
ClientSampleId :
MW-116D

Tgt Ion:117 Resp: 506430

Ion	Ratio	Lower	Upper
117	100		
82	53.4	41.8	62.8
119	32.3	24.8	37.2

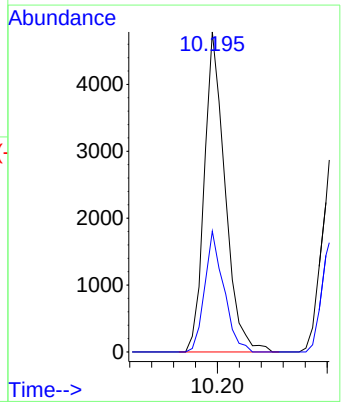


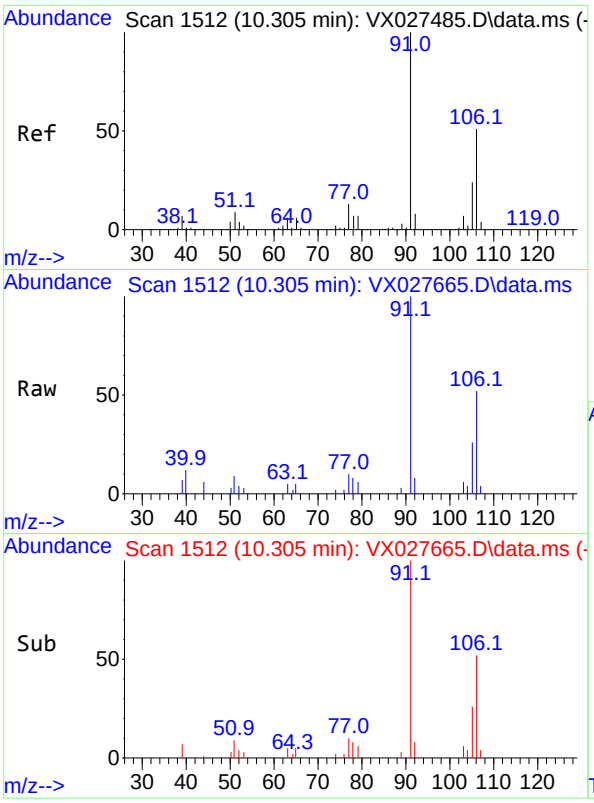


#67
Ethyl Benzene
Concen: 0.352 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX027665.D
Acq: 23 Mar 2022 14:16

Tgt Ion: 91 Resp: 6277

Ion	Ratio	Lower	Upper
91	100		
106	37.8	24.6	36.8#



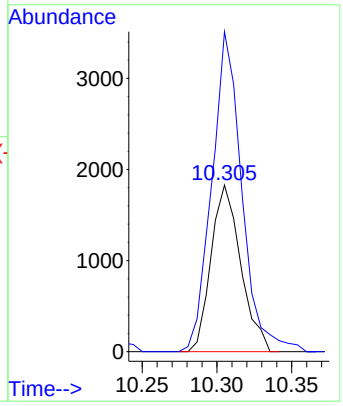


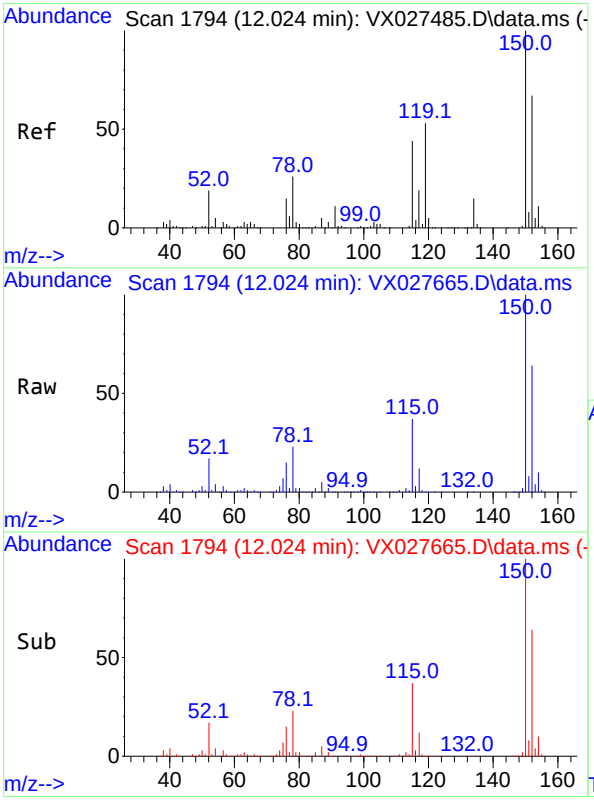
#68
m/p-Xylenes
Concen: 0.359 ug/l
RT: 10.305 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX027665.D
Acq: 23 Mar 2022 14:16

Instrument :
MSVOA_X
ClientSampleId :
MW-116D

Tgt Ion:106 Resp: 2520

Ion	Ratio	Lower	Upper
106	100		
91	194.8	160.4	240.6

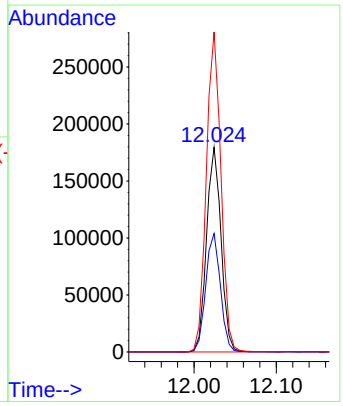


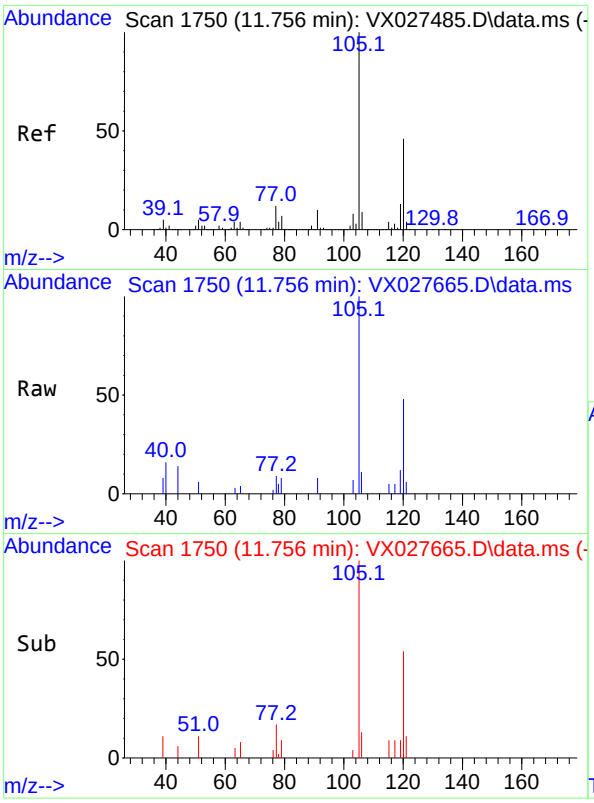


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX027665.D
Acq: 23 Mar 2022 14:16

Tgt Ion:152 Resp: 220329

Ion	Ratio	Lower	Upper
152	100		
115	58.7	37.5	112.7
150	157.4	0.0	338.2





#84
1,2,4-Trimethylbenzene
Concen: 0.252 ug/l
RT: 11.756 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX027665.D
Acq: 23 Mar 2022 14:16

Instrument :
MSVOA_X
ClientSampleId :
MW-116D

Tgt Ion:105 Resp: 3393

Ion	Ratio	Lower	Upper
105	100		
120	45.8	22.6	67.8