Quantitation Report (LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031122\
Data File : VX027405.D
Acq On : 11 Mar 2022 16:29
Operator : JC/MD
Sample : N1895-11
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
PZ-5

Quant Time: Mar 11 23:13:00 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X030822W.M
Quant Title : SW846 8260
QLast Update : Tue Mar 08 15:54:34 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.556	168	381683	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	617955	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	567851	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	263446	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	195163	43.847	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 87.700%			
35) Dibromofluoromethane	5.391	113	196411	49.258	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 98.520%			
50) Toluene-d8	8.653	98	721997	47.962	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 95.920%			
62) 4-Bromofluorobenzene	11.085	95	260460	45.397	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 90.800%			
Target Compounds						Qvalue
19) Methyl tert-butyl Ether	3.117	73	17232	1.405	ug/l	99
68) m/p-Xylenes	10.305	106	6550	0.811	ug/l	96
69) o-Xylene	10.646	106	2156	0.270	ug/l	100

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

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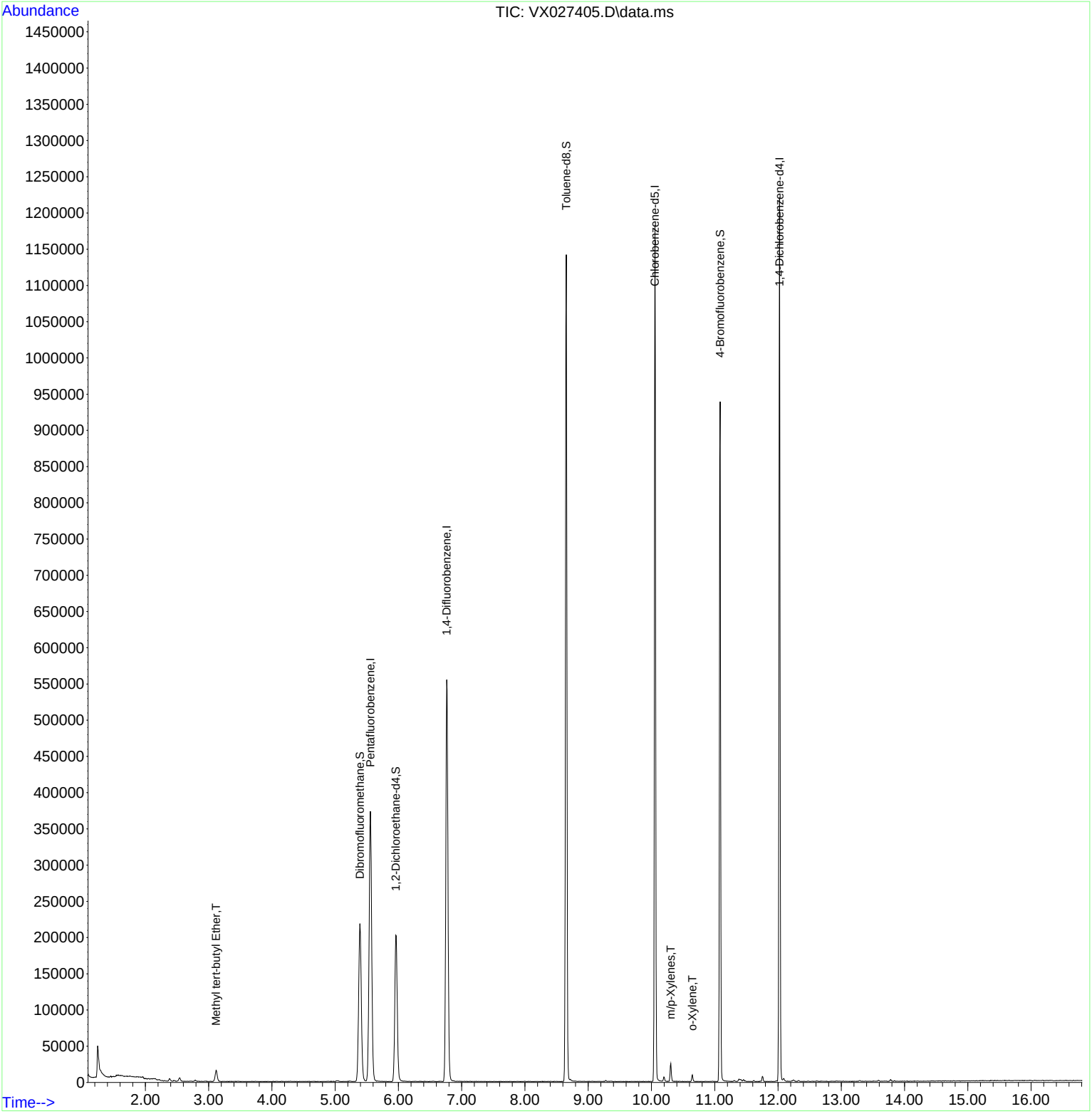
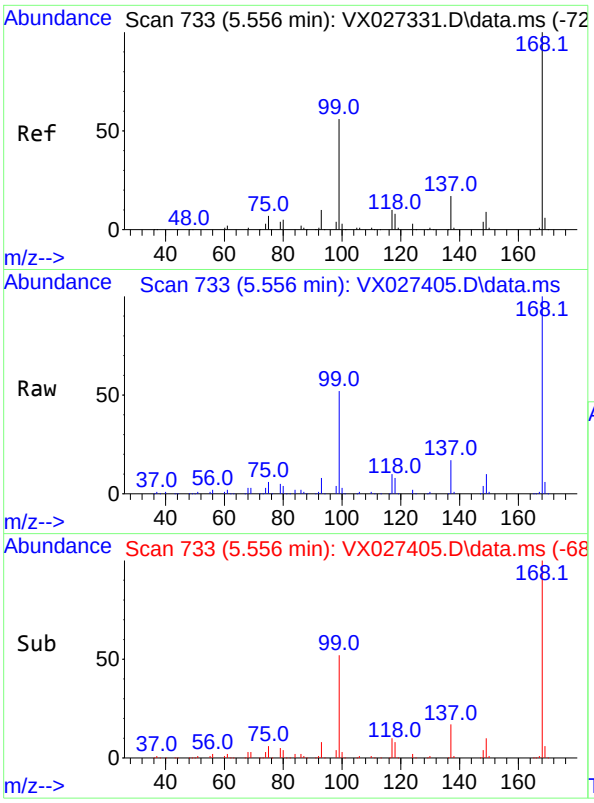


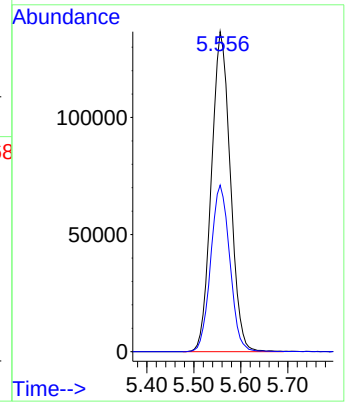


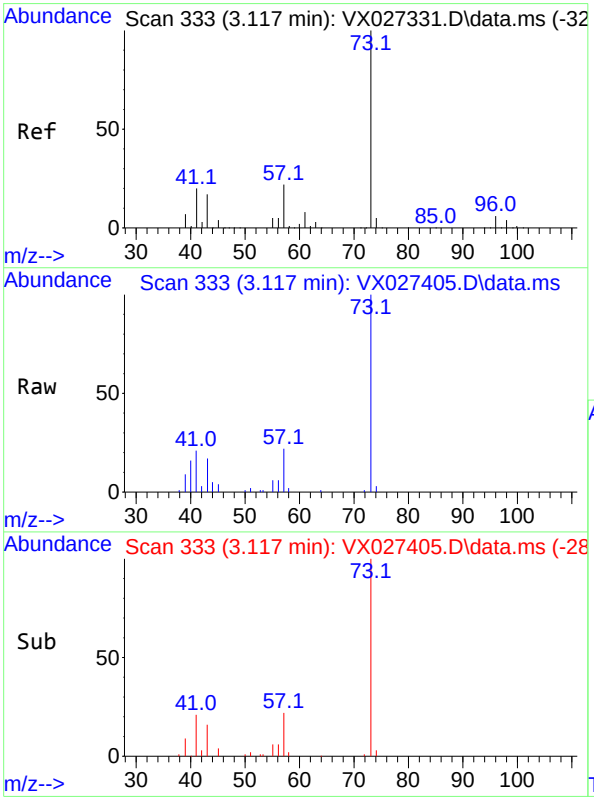
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX027405.D
Acq: 11 Mar 2022 16:29

Instrument :
MSVOA_X
ClientSampleId :
PZ-5

Tgt Ion:168 Resp: 381683

Ion	Ratio	Lower	Upper
168	100		
99	52.1	41.7	62.5

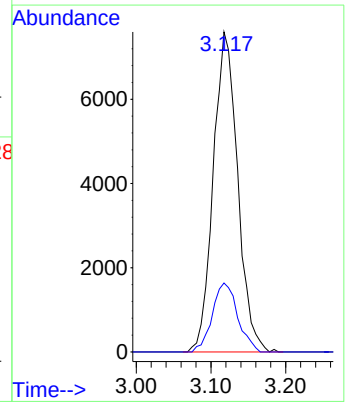


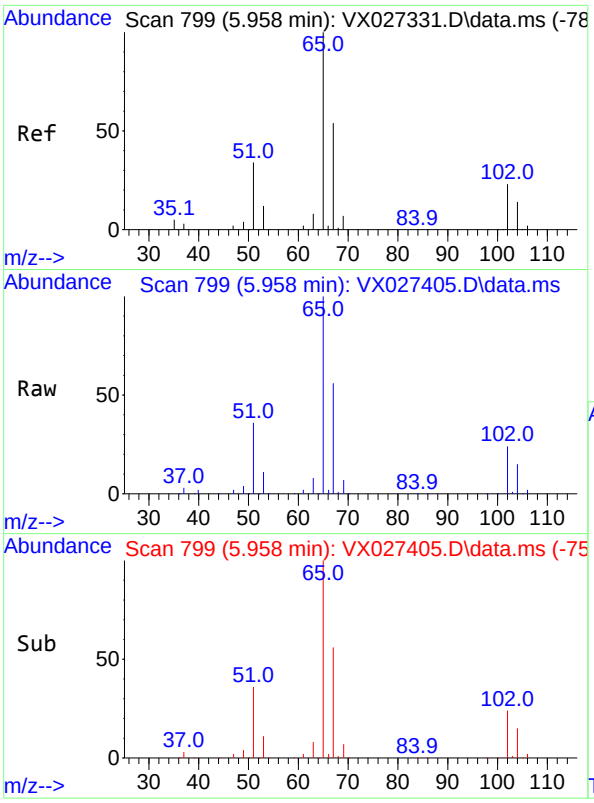


#19
Methyl tert-butyl Ether
Concen: 1.405 ug/l
RT: 3.117 min Scan# 333
Delta R.T. 0.000 min
Lab File: VX027405.D
Acq: 11 Mar 2022 16:29

Tgt Ion: 73 Resp: 17232

Ion	Ratio	Lower	Upper
73	100		
57	21.6	16.8	25.2



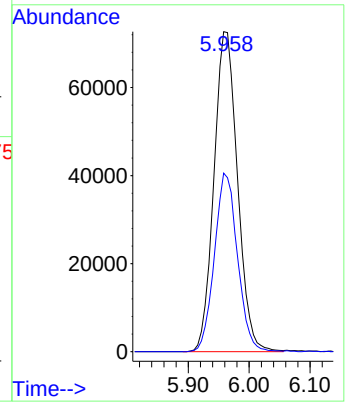


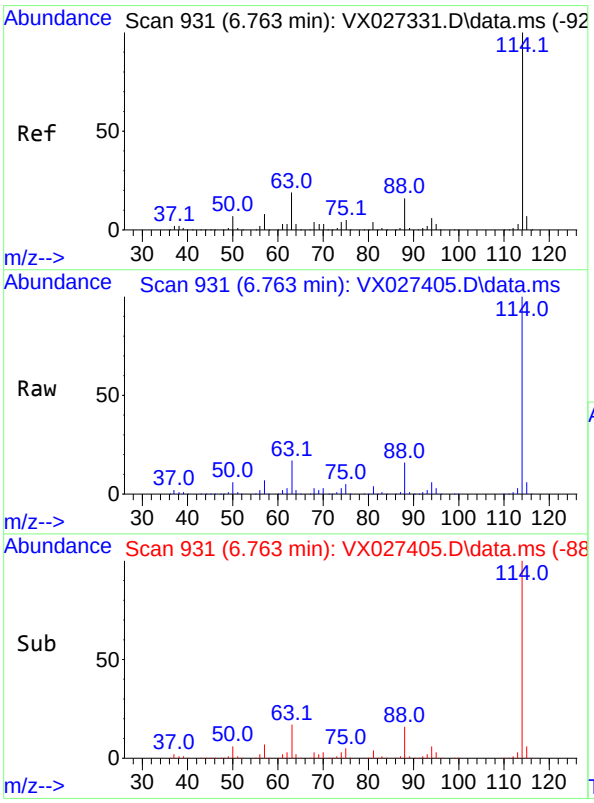
#33
1,2-Dichloroethane-d4
Concen: 43.847 ug/l
RT: 5.958 min Scan# 7
Delta R.T. 0.000 min
Lab File: VX027405.D
Acq: 11 Mar 2022 16:29

Instrument :
MSVOA_X
ClientSampleId :
PZ-5

Tgt Ion: 65 Resp: 195163

Ion	Ratio	Lower	Upper
65	100		
67	54.6	0.0	107.4

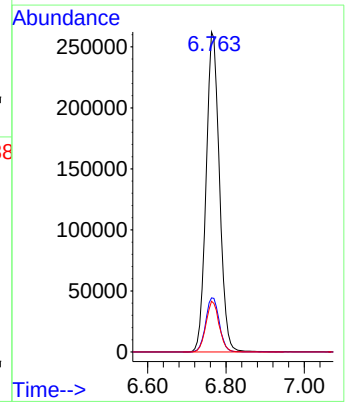


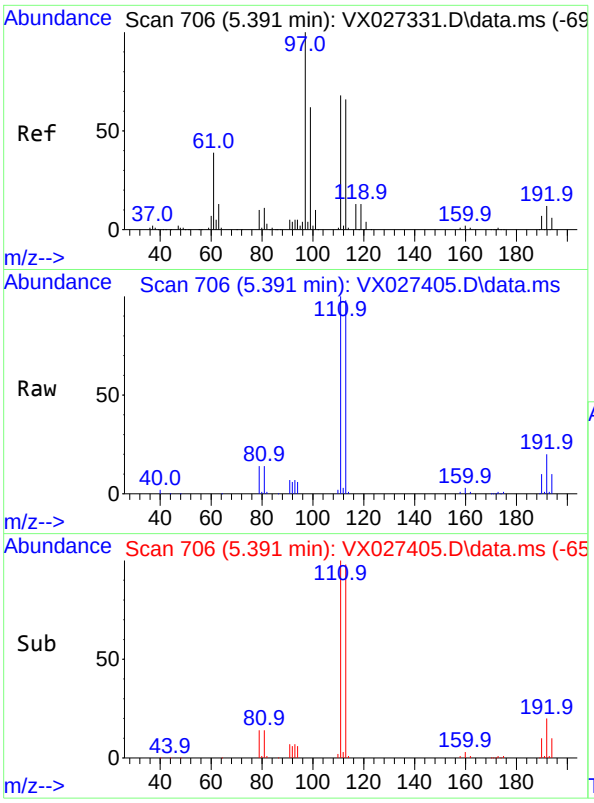


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. -0.000 min
Lab File: VX027405.D
Acq: 11 Mar 2022 16:29

Tgt Ion:114 Resp: 617955

Ion	Ratio	Lower	Upper
114	100		
63	16.9	0.0	36.8
88	15.9	0.0	32.4



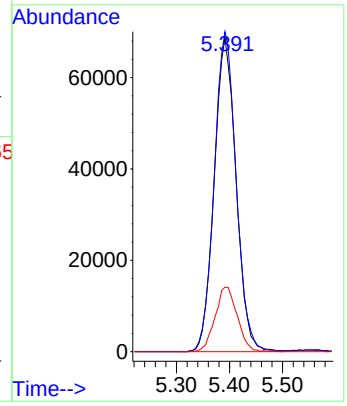


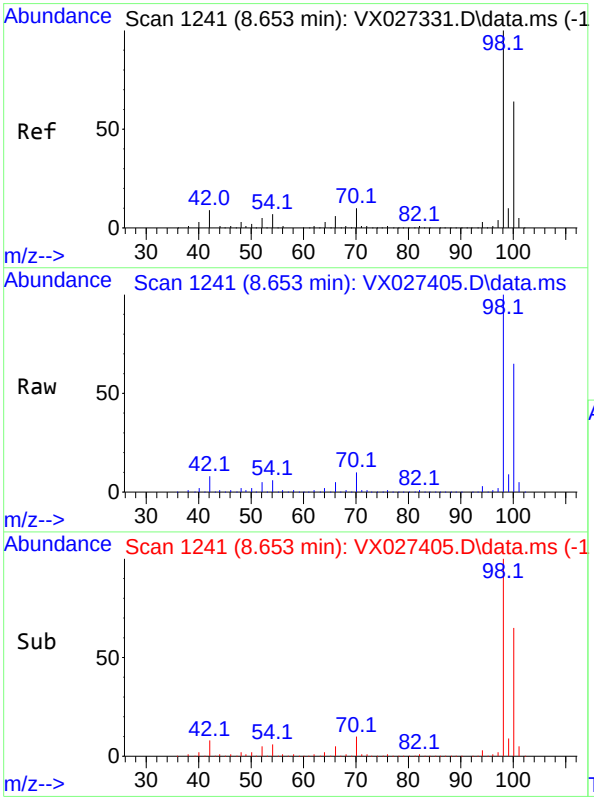
#35
Dibromofluoromethane
Concen: 49.258 ug/l
RT: 5.391 min Scan# 7
Delta R.T. 0.000 min
Lab File: VX027405.D
Acq: 11 Mar 2022 16:29

Instrument :
MSVOA_X
ClientSampleId :
PZ-5

Tgt Ion:113 Resp: 196411

Ion	Ratio	Lower	Upper
113	100		
111	102.4	82.8	124.2
192	20.9	16.9	25.3

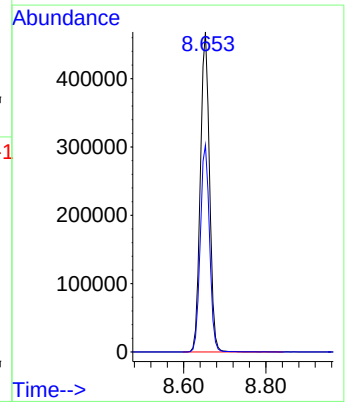


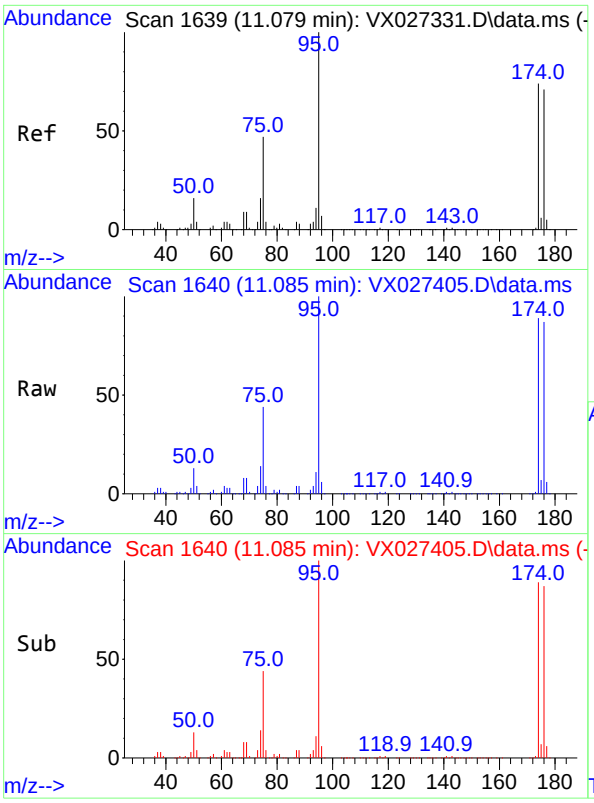


#50
Toluene-d8
Concen: 47.962 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX027405.D
Acq: 11 Mar 2022 16:29

Tgt Ion: 98 Resp: 721997

Ion	Ratio	Lower	Upper
98	100		
100	65.2	52.6	78.8



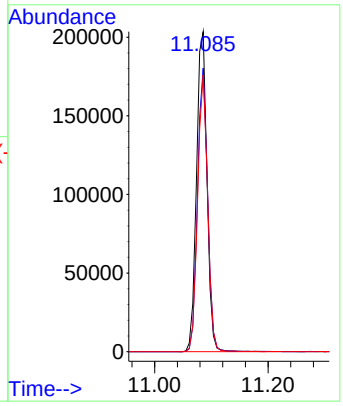


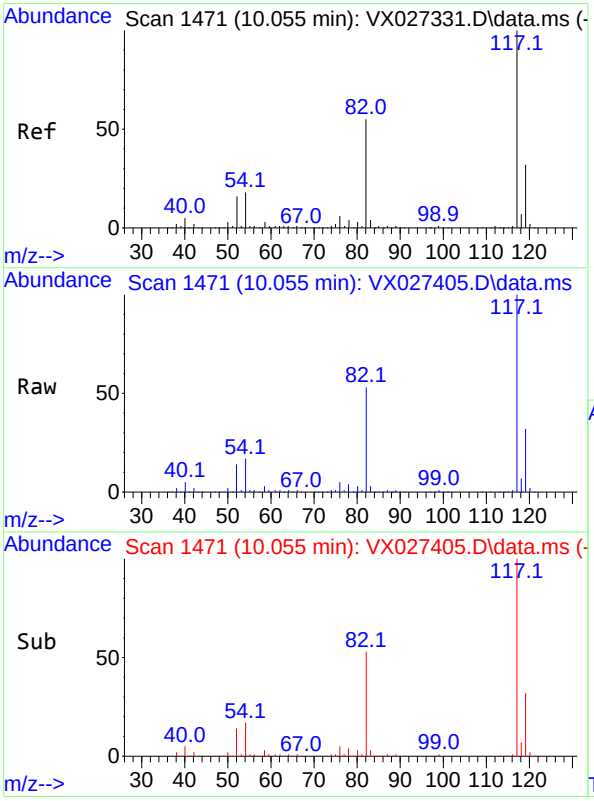
#62
4-Bromofluorobenzene
Concen: 45.397 ug/l
RT: 11.085 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX027405.D
Acq: 11 Mar 2022 16:29

Instrument :
MSVOA_X
ClientSampleId :
PZ-5

Tgt Ion: 95 Resp: 260460

Ion	Ratio	Lower	Upper
95	100		
174	85.8	0.0	163.0
176	83.0	0.0	155.0

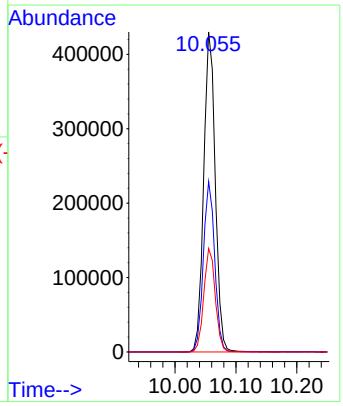


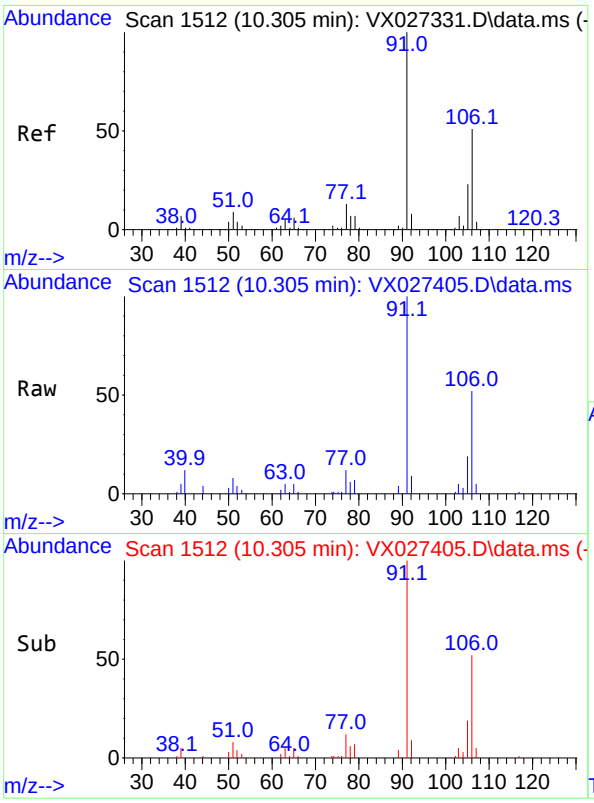


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX027405.D
Acq: 11 Mar 2022 16:29

Tgt Ion:117 Resp: 567851

Ion	Ratio	Lower	Upper
117	100		
82	53.3	41.8	62.8
119	32.4	24.8	37.2



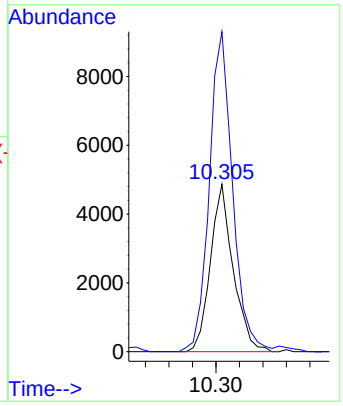


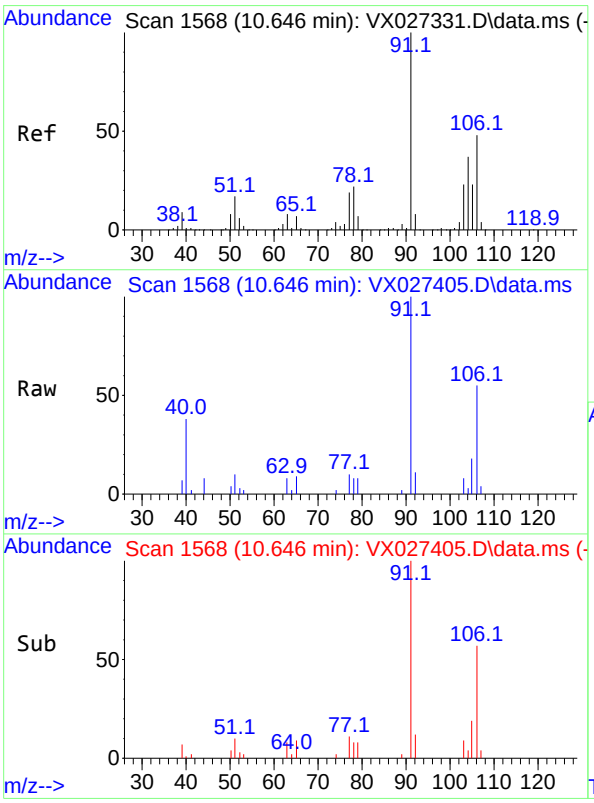
#68
m/p-Xylenes
Concen: 0.811 ug/l
RT: 10.305 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX027405.D
Acq: 11 Mar 2022 16:29

Instrument :
MSVOA_X
ClientSampleId :
PZ-5

Tgt Ion:106 Resp: 6550

Ion	Ratio	Lower	Upper
106	100		
91	195.0	160.4	240.6

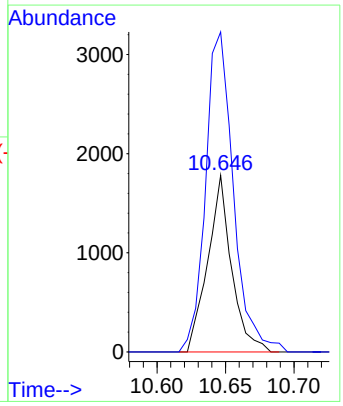


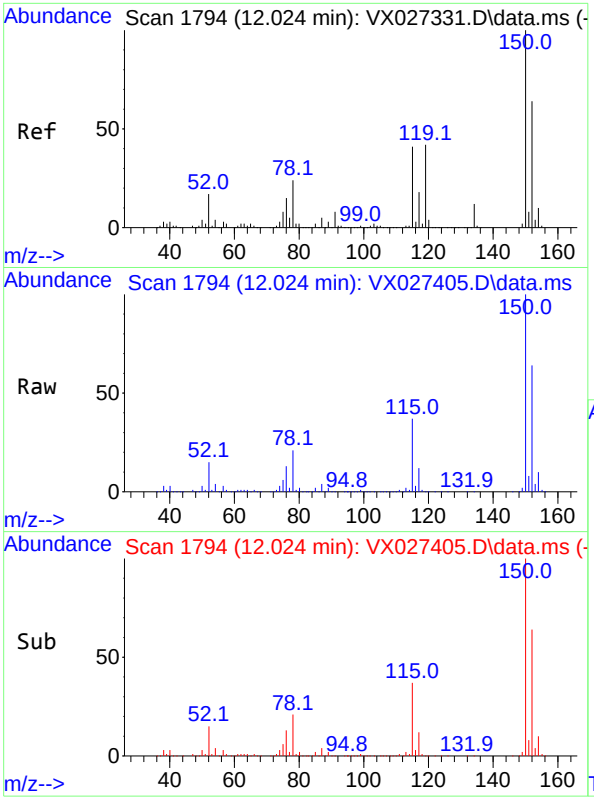


#69
o-Xylene
Concen: 0.270 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VX027405.D
Acq: 11 Mar 2022 16:29

Tgt Ion:106 Resp: 2156

Ion	Ratio	Lower	Upper
106	100		
91	211.7	106.1	318.1





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX027405.D
Acq: 11 Mar 2022 16:29

Instrument :
MSVOA_X
ClientSampleId :
PZ-5

Tgt Ion:152 Resp: 263446

Ion	Ratio	Lower	Upper
152	100		
115	57.9	37.5	112.7
150	156.9	0.0	338.2