Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031122\
Data File : VX027410.D
Acq On : 11 Mar 2022 18:27
Operator : JC/MD
Sample : N1895-16
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
TB

Quant Time: Mar 11 23:14:39 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	389552	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	624953	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	570138	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	258177	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	193568	42.610	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 85.220%			
35) Dibromofluoromethane	5.391	113	194035	48.117	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 96.240%			
50) Toluene-d8	8.653	98	732107	48.089	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 96.180%			
62) 4-Bromofluorobenzene	11.085	95	259496	44.722	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 89.440%			
Target Compounds						Qvalue
67) Ethyl Benzene	10.195	91	11605	0.561	ug/l	89
68) m/p-Xylenes	10.305	106	23976	2.955	ug/l	95
69) o-Xylene	10.646	106	7639	0.954	ug/l	94
84) 1,2,4-Trimethylbenzene	11.756	105	9753	0.607	ug/l	98

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

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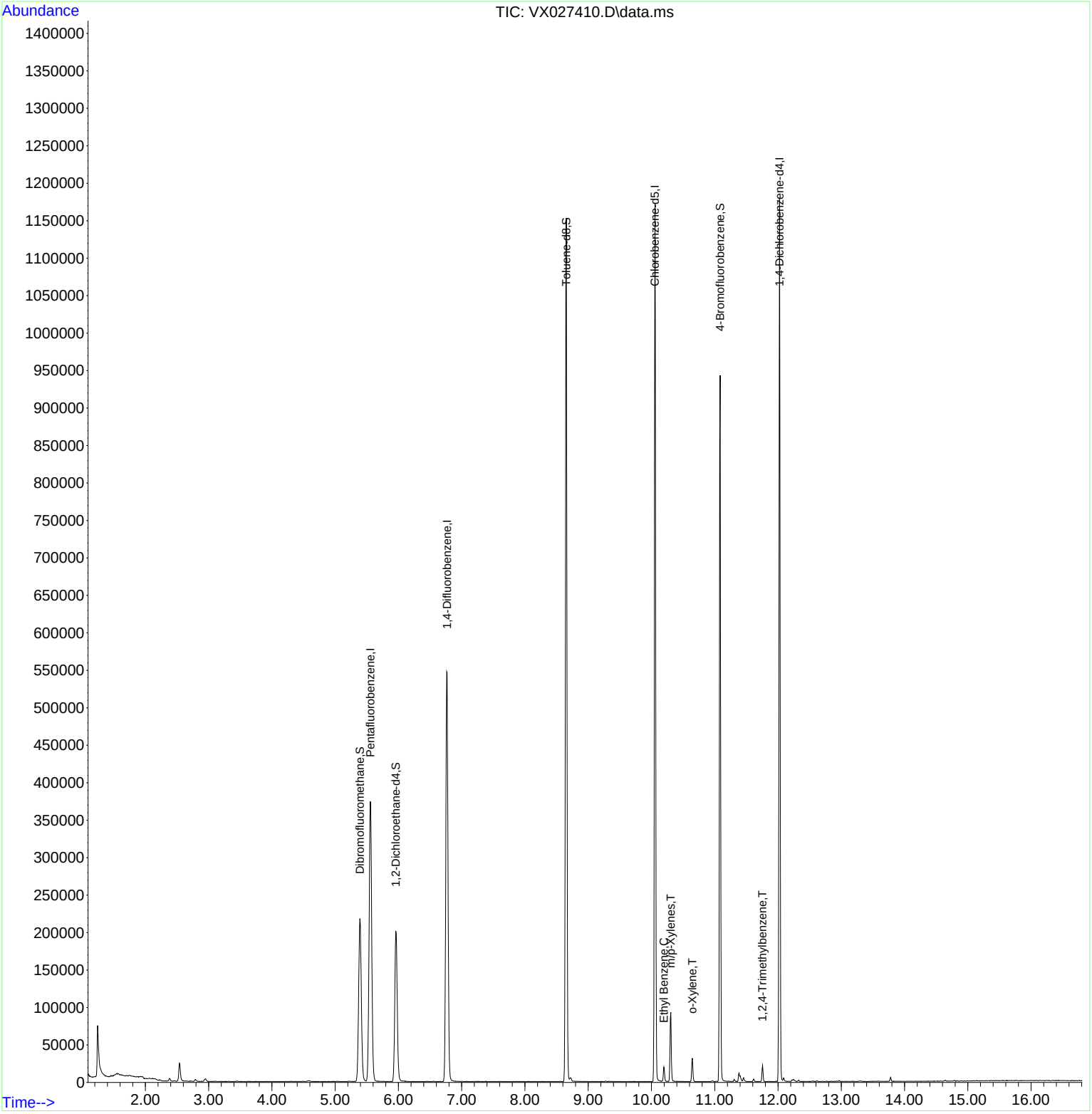
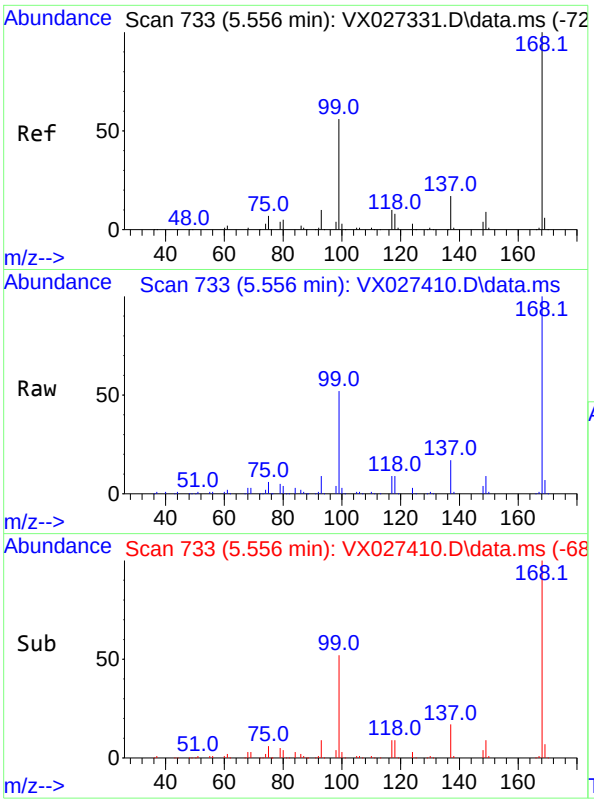


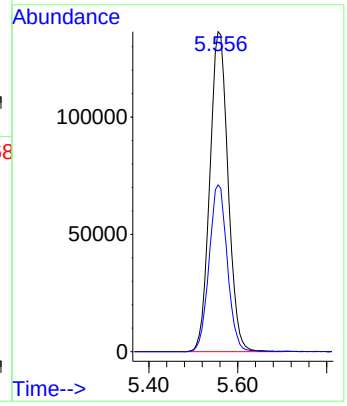


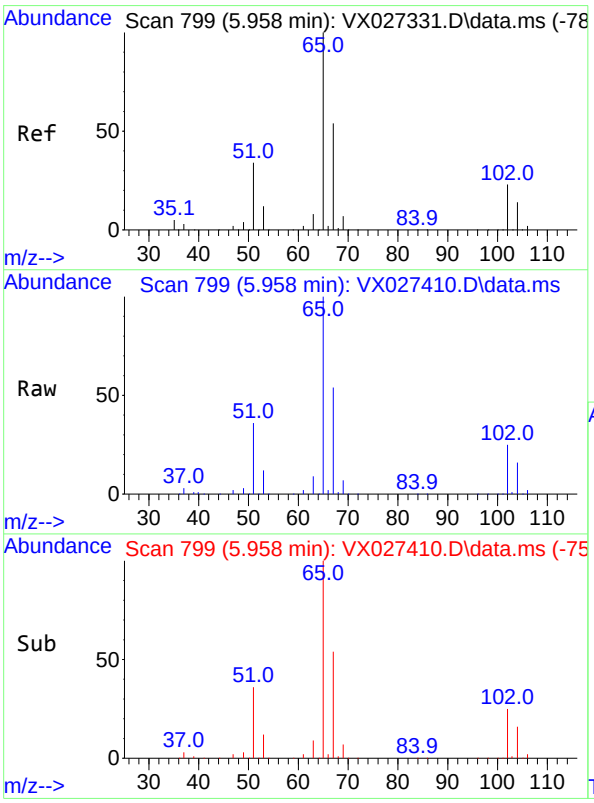
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX027410.D
Acq: 11 Mar 2022 18:27

Instrument :
MSVOA_X
ClientSampleId :
TB

Tgt Ion:168 Resp: 389552

Ion	Ratio	Lower	Upper
168	100		
99	52.1	41.7	62.5

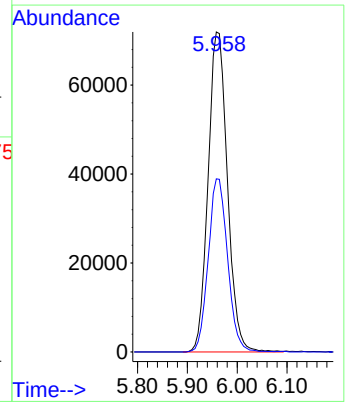


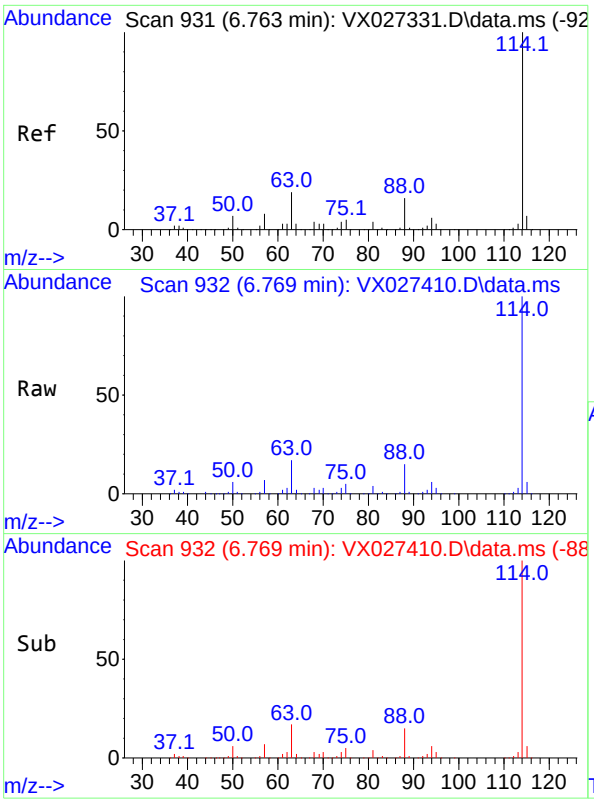


#33
1,2-Dichloroethane-d4
Concen: 42.610 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX027410.D
Acq: 11 Mar 2022 18:27

Tgt Ion: 65 Resp: 193568

Ion	Ratio	Lower	Upper
65	100		
67	54.2	0.0	107.4



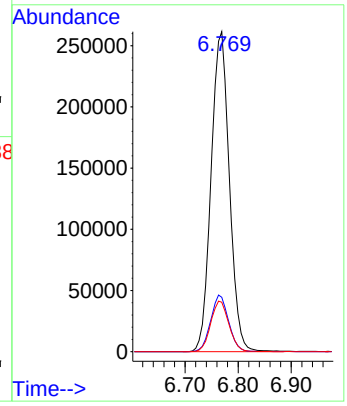


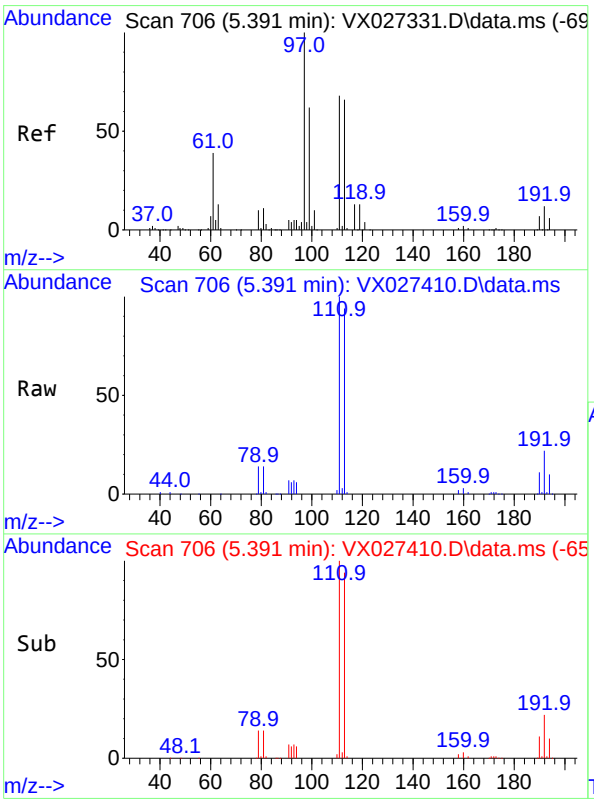
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 9
Delta R.T. 0.006 min
Lab File: VX027410.D
Acq: 11 Mar 2022 18:27

Instrument :
MSVOA_X
ClientSampleId :
TB

Tgt Ion:114 Resp: 624953

Ion	Ratio	Lower	Upper
114	100		
63	17.0	0.0	36.8
88	15.5	0.0	32.4

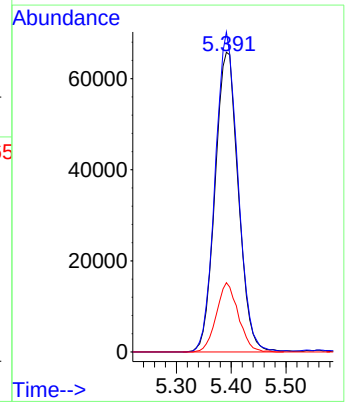


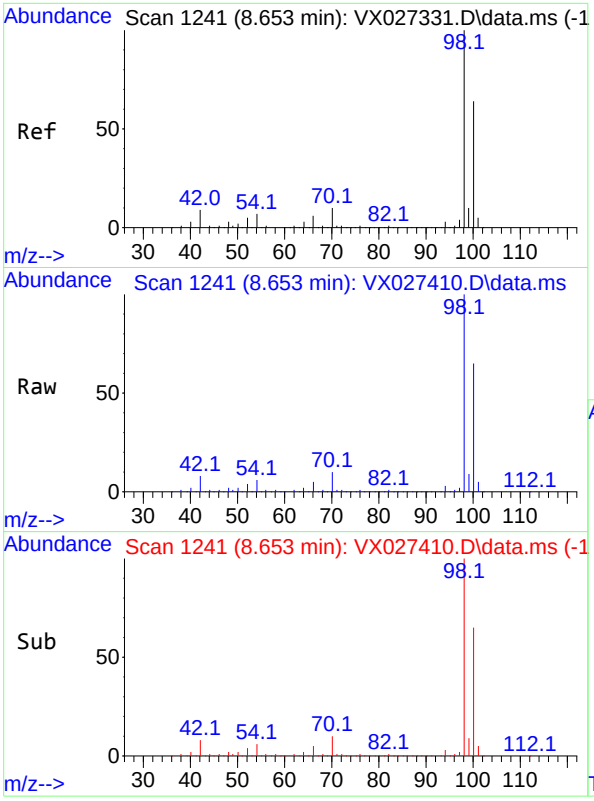


#35
Dibromofluoromethane
Concen: 48.117 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX027410.D
Acq: 11 Mar 2022 18:27

Tgt Ion:113 Resp: 194035

Ion	Ratio	Lower	Upper
113	100		
111	104.4	82.8	124.2
192	21.8	16.9	25.3



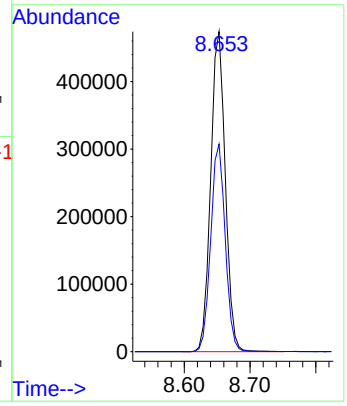


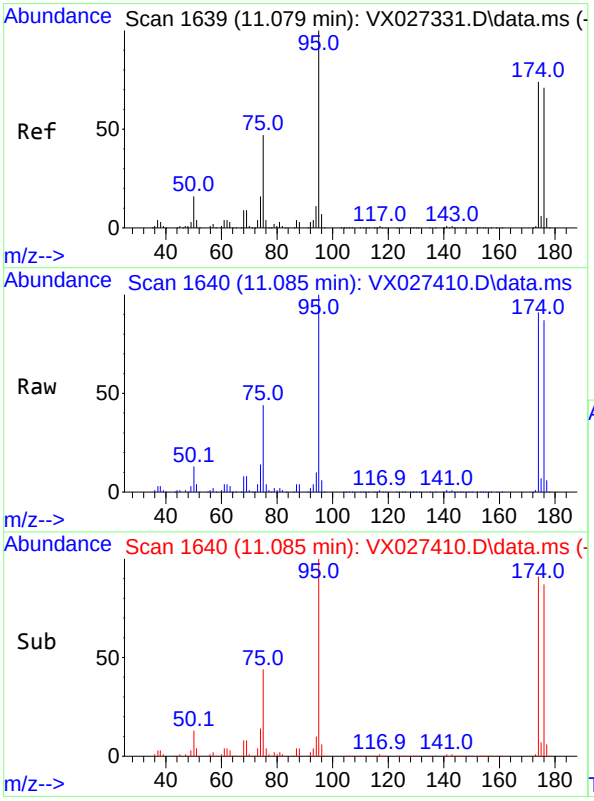
#50
Toluene-d8
Concen: 48.089 ug/l
RT: 8.653 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX027410.D
Acq: 11 Mar 2022 18:27

Instrument :
MSVOA_X
ClientSampleId :
TB

Tgt Ion: 98 Resp: 732107

Ion	Ratio	Lower	Upper
98	100		
100	64.6	52.6	78.8

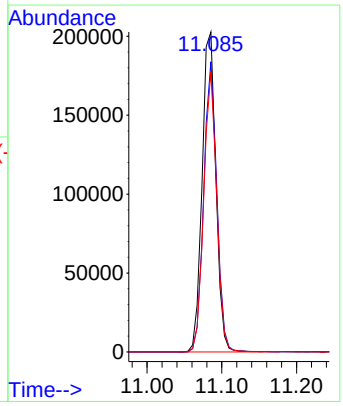


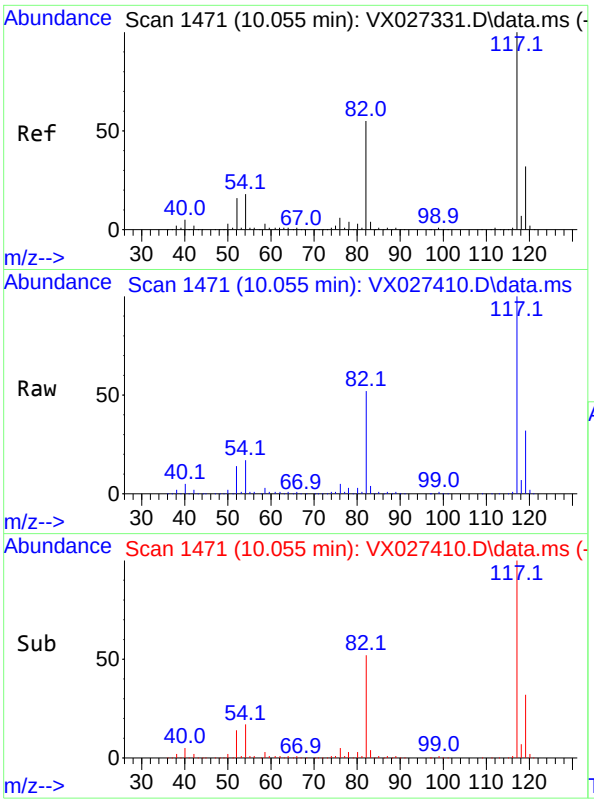


#62
4-Bromofluorobenzene
Concen: 44.722 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX027410.D
Acq: 11 Mar 2022 18:27

Tgt Ion: 95 Resp: 259496

Ion	Ratio	Lower	Upper
95	100		
174	86.5	0.0	163.0
176	82.8	0.0	155.0



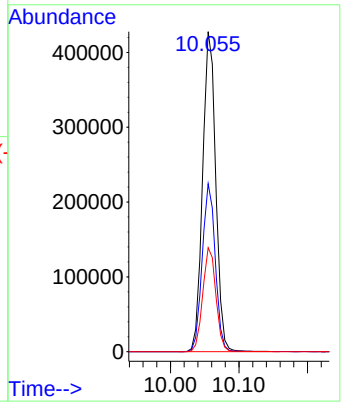


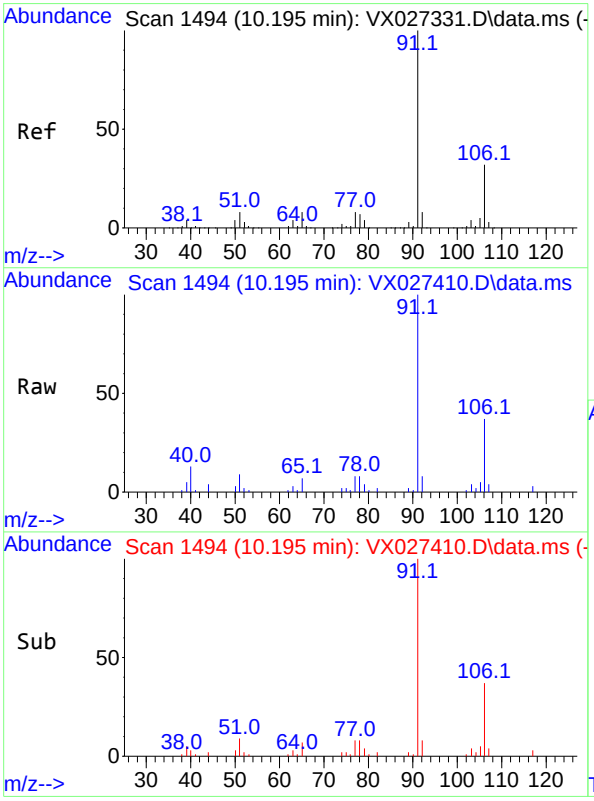
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX027410.D
Acq: 11 Mar 2022 18:27

Instrument :
MSVOA_X
ClientSampleId :
TB

Tgt Ion:117 Resp: 570138

Ion	Ratio	Lower	Upper
117	100		
82	52.5	41.8	62.8
119	32.5	24.8	37.2

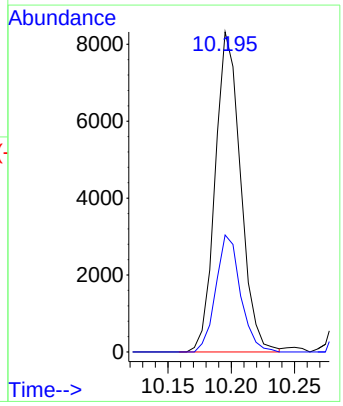


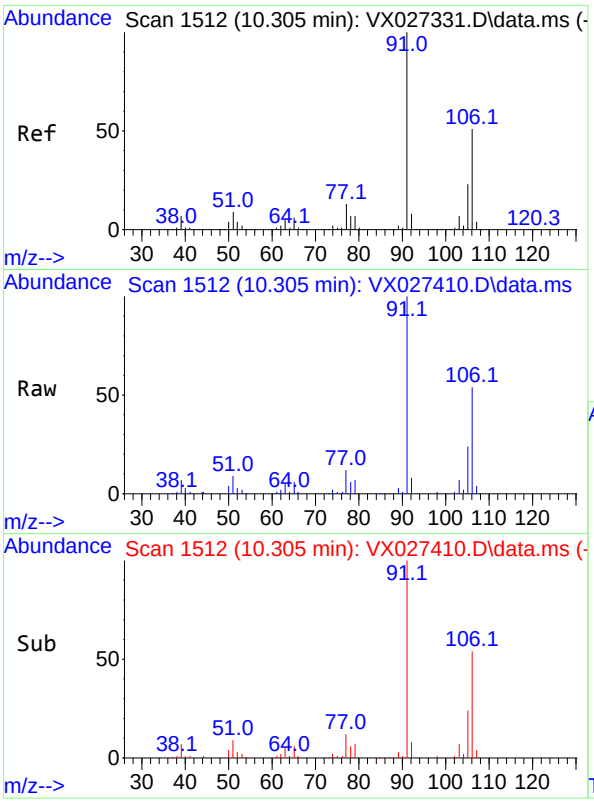


#67
Ethyl Benzene
Concen: 0.561 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX027410.D
Acq: 11 Mar 2022 18:27

Tgt Ion: 91 Resp: 11605

Ion	Ratio	Lower	Upper
91	100		
106	36.5	24.6	36.8



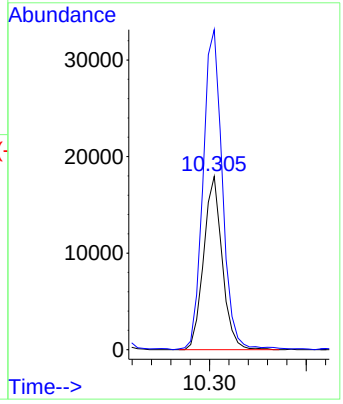


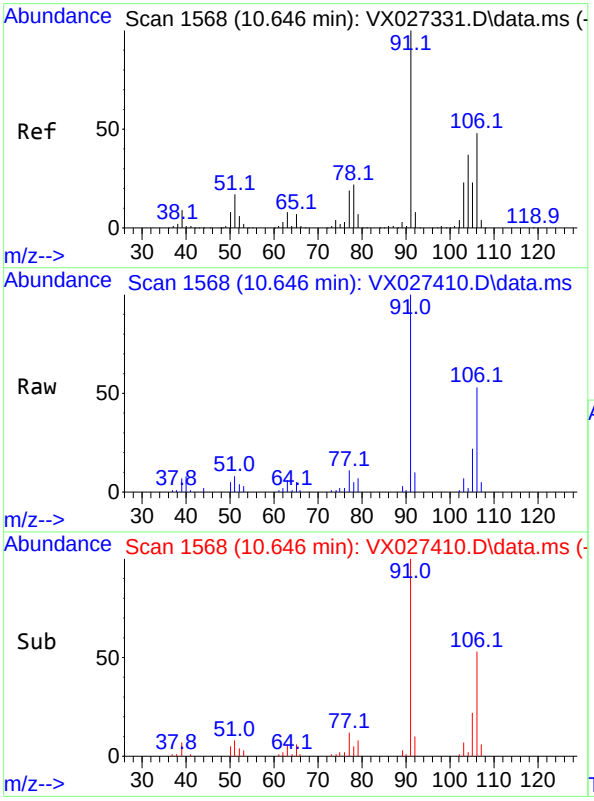
#68
m/p-Xylenes
Concen: 2.955 ug/l
RT: 10.305 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX027410.D
Acq: 11 Mar 2022 18:27

Instrument :
MSVOA_X
ClientSampleId :
TB

Tgt Ion:106 Resp: 23976

Ion	Ratio	Lower	Upper
106	100		
91	192.7	160.4	240.6

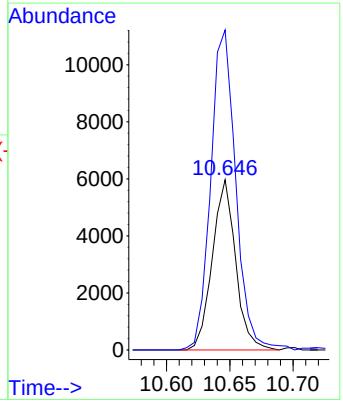


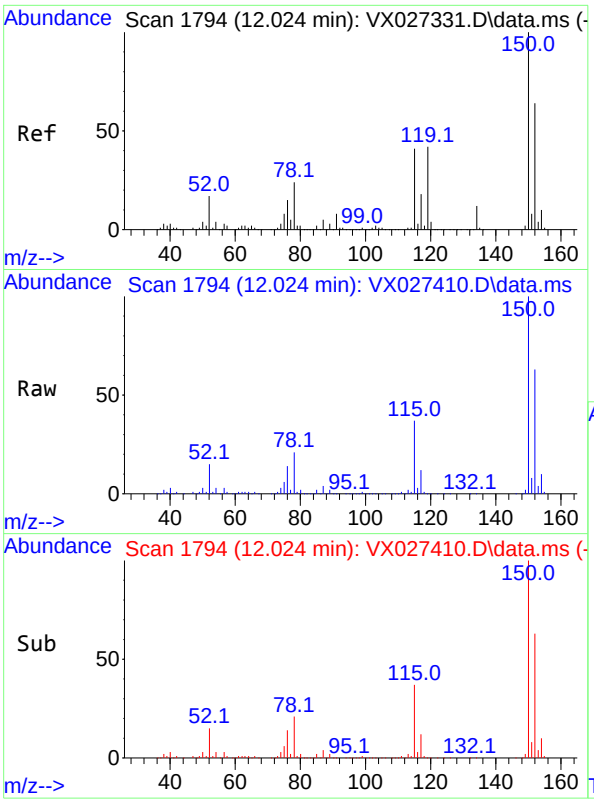


#69
o-Xylene
Concen: 0.954 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VX027410.D
Acq: 11 Mar 2022 18:27

Tgt Ion:106 Resp: 7639

Ion	Ratio	Lower	Upper
106	100		
91	202.1	106.1	318.1



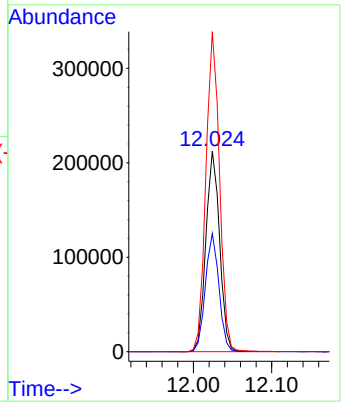


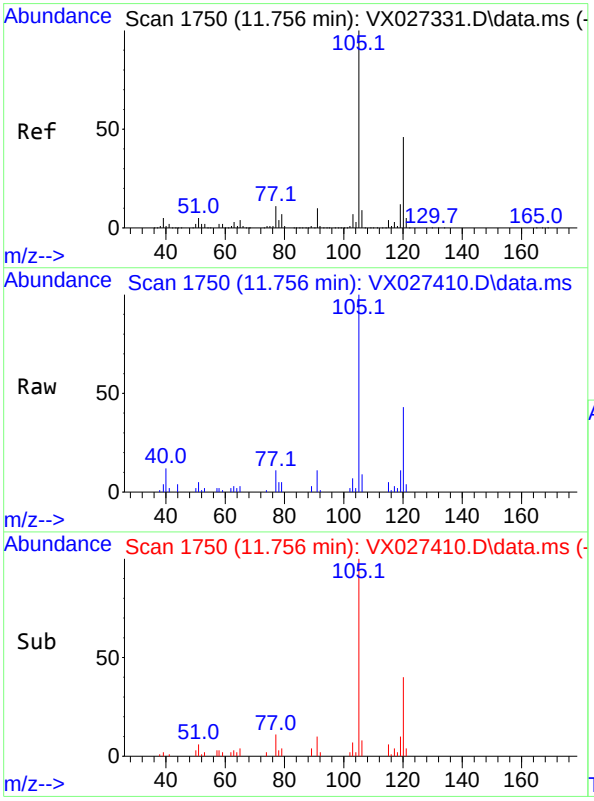
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX027410.D
Acq: 11 Mar 2022 18:27

Instrument :
MSVOA_X
ClientSampleId :
TB

Tgt Ion:152 Resp: 258177

Ion	Ratio	Lower	Upper
152	100		
115	58.3	37.5	112.7
150	158.2	0.0	338.2





#84
1,2,4-Trimethylbenzene
Concen: 0.607 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VX027410.D
Acq: 11 Mar 2022 18:27

Tgt Ion:105 Resp: 9753

Ion	Ratio	Lower	Upper
105	100		
120	44.1	22.6	67.8