Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020322\
Data File : VX026770.D
Acq On : 03 Feb 2022 19:55
Operator : JC/MD
Sample : N1345-04 100X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
34027

Quant Time: Feb 04 02:35:26 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011122W.M
Quant Title : SW846 8260
QLast Update : Tue Jan 11 14:45:13 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.562	168	119360	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	197927	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	172351	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	74458	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	73760	44.237	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 88.480%			
35) Dibromofluoromethane	5.391	113	61433	48.064	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 96.120%			
50) Toluene-d8	8.653	98	225285	48.912	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 97.820%			
62) 4-Bromofluorobenzene	11.085	95	80262	49.054	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 98.100%			
Target Compounds						Qvalue
11) Tert butyl alcohol	2.977	59	6604	28.472	ug/l #	66
16) Acetone	2.385	43	8630	10.149	ug/l	90
18) Methyl Acetate	2.709	43	1783	1.055	ug/l	91
31) Cyclohexane	5.476	56	3048	1.239	ug/l #	80
39) Methylcyclohexane	7.378	83	2598	1.067	ug/l	96
40) Benzene	6.043	78	345595	61.967	ug/l	99
52) Toluene	8.720	92	420497	122.952	ug/l	99
67) Ethyl Benzene	10.195	91	82880	12.566	ug/l	100
68) m/p-Xylenes	10.305	106	126896	51.411	ug/l	98
69) o-Xylene	10.646	106	37269	15.648	ug/l	98

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

Quantitation Report (QT Reviewed)

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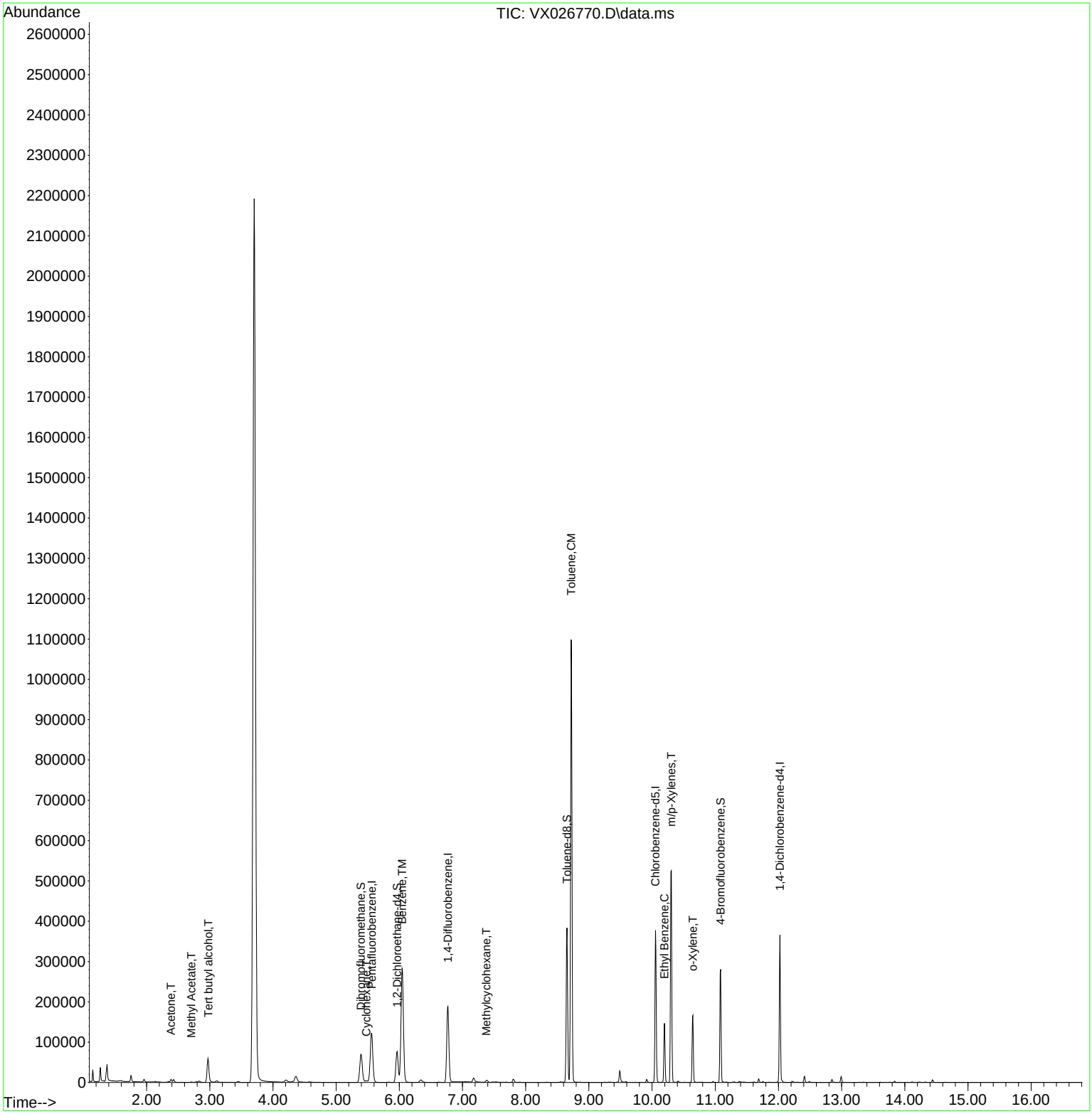
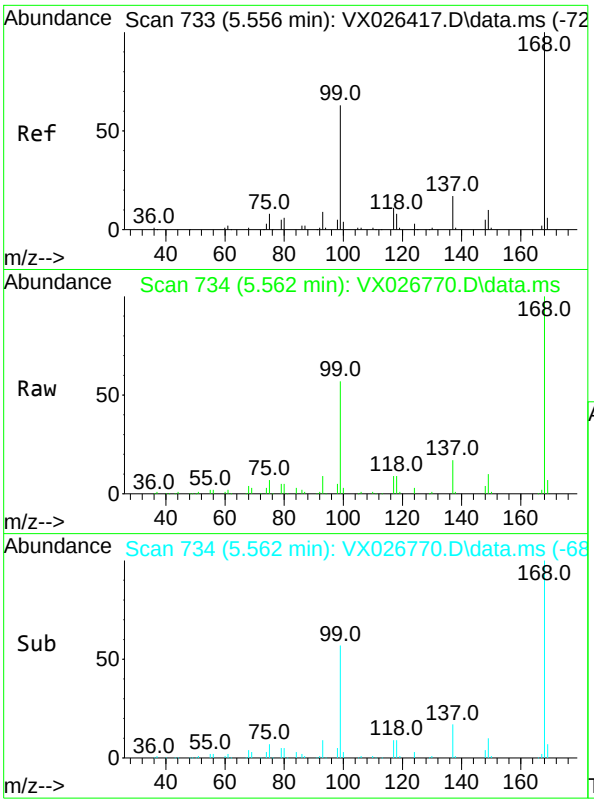
Instrument :
MSVOA_X
ClientSampleId :
34027

Quant Time: Feb 04 02:35:26 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011122W.M
Quant Title : SW846 8260
QLast Update : Tue Jan 11 14:45:13 2022
Response via : Initial Calibration



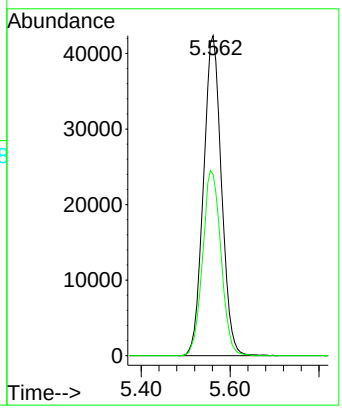


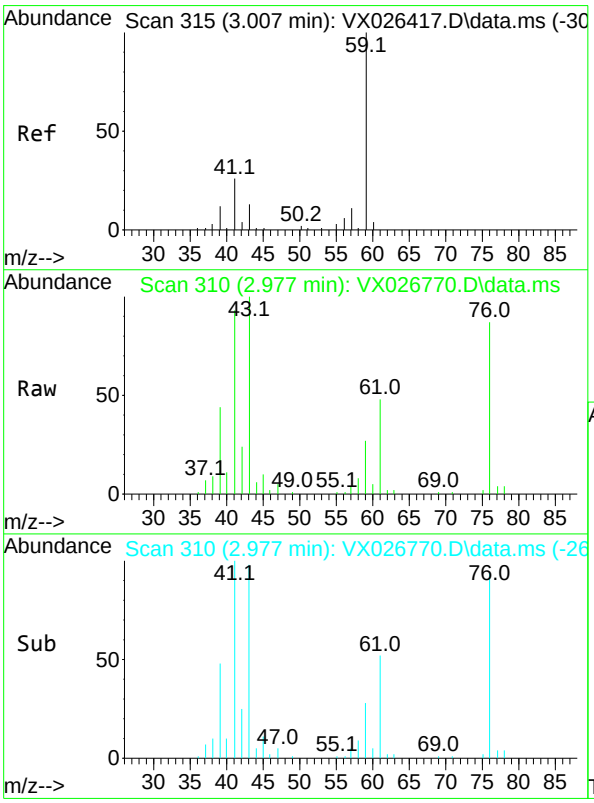
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 7
Delta R.T. 0.006 min
Lab File: VX026770.D
Acq: 03 Feb 2022 19:55

Instrument :
MSVOA_X
ClientSampleId :
34027

Tgt Ion:168 Resp: 119360

Ion	Ratio	Lower	Upper
168	100		
99	56.7	50.3	75.5

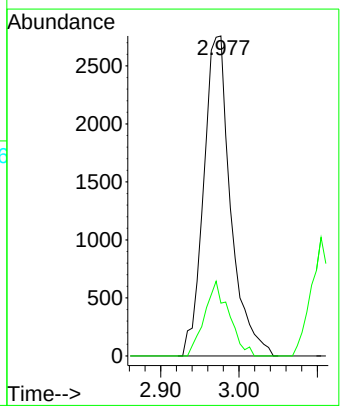


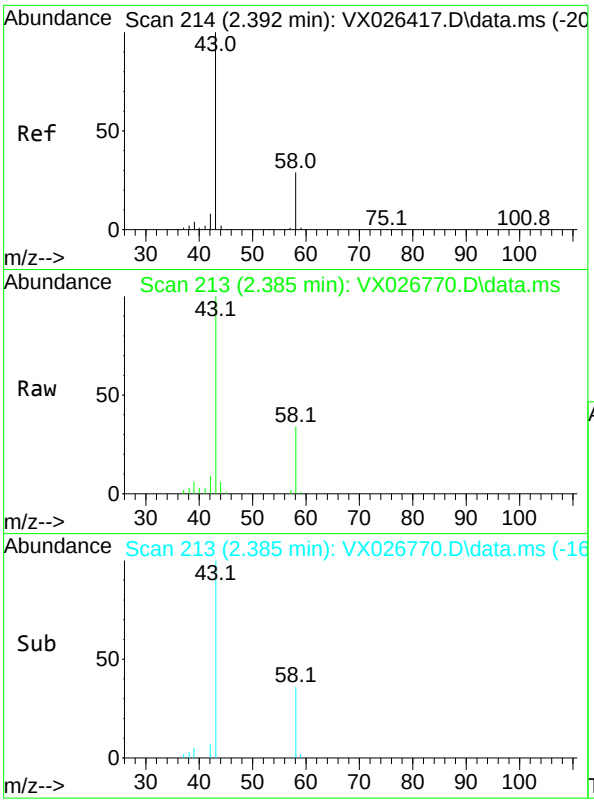


#11
Tert butyl alcohol
Concen: 28.472 ug/l
RT: 2.977 min Scan# 310
Delta R.T. -0.030 min
Lab File: VX026770.D
Acq: 03 Feb 2022 19:55

Tgt Ion: 59 Resp: 6604

Ion	Ratio	Lower	Upper
59	100		
57	21.2	7.2	10.8#



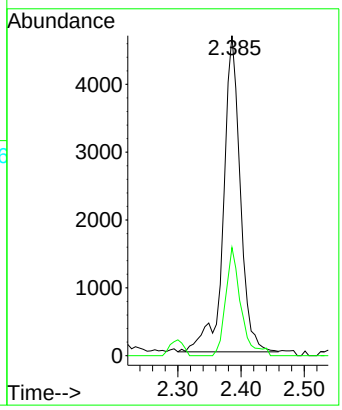


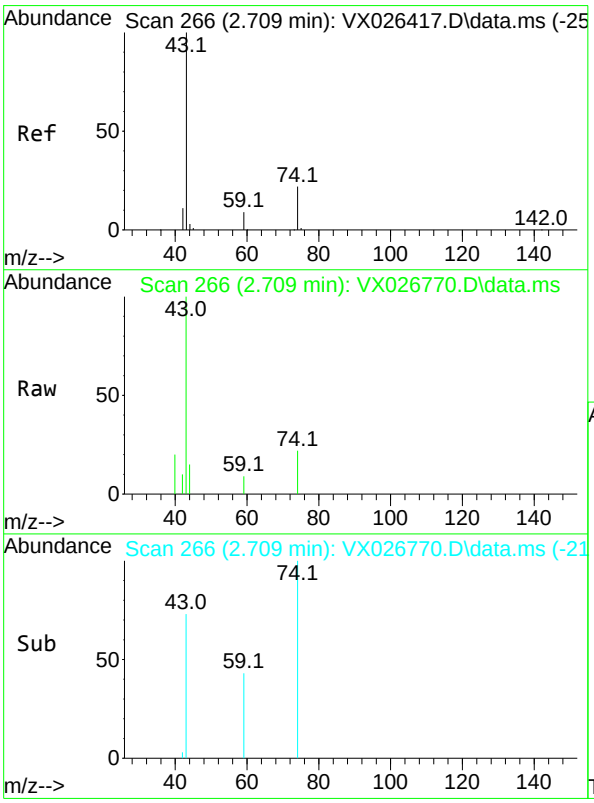
#16
Acetone
Concen: 10.149 ug/l
RT: 2.385 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX026770.D
Acq: 03 Feb 2022 19:55

Instrument :
MSVOA_X
ClientSampleId :
34027

Tgt Ion: 43 Resp: 8630

Ion	Ratio	Lower	Upper
43	100		
58	34.2	23.0	34.6

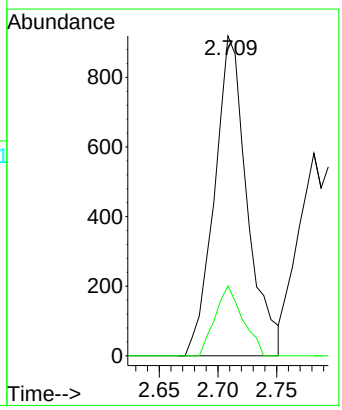


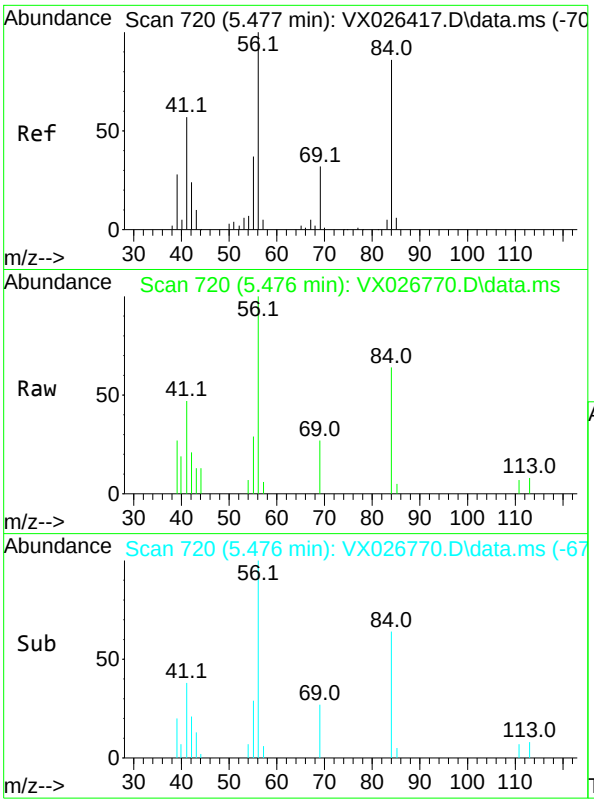


#18
Methyl Acetate
Concen: 1.055 ug/l
RT: 2.709 min Scan# 266
Delta R.T. -0.000 min
Lab File: VX026770.D
Acq: 03 Feb 2022 19:55

Tgt Ion: 43 Resp: 1783

Ion	Ratio	Lower	Upper
43	100		
74	18.5	18.3	27.5



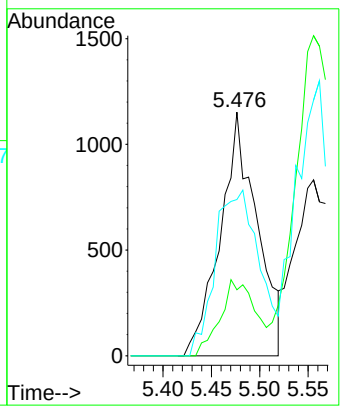


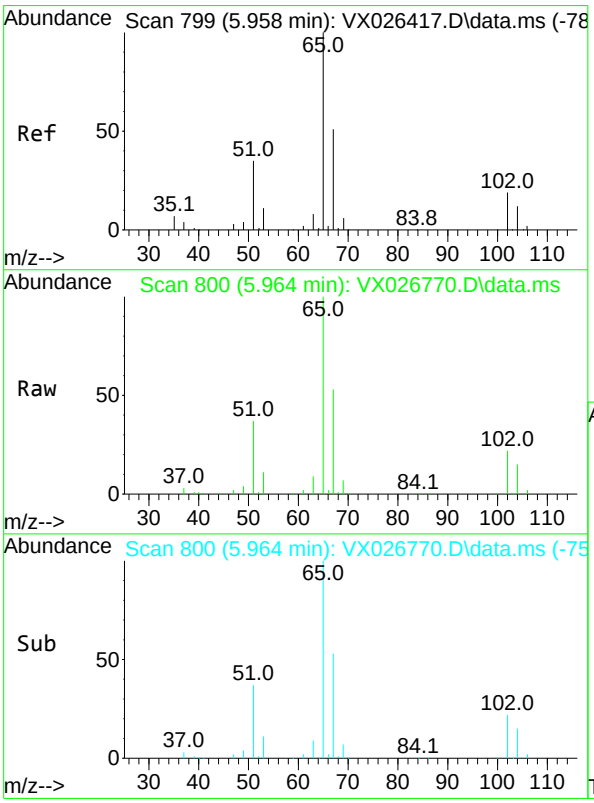
#31
Cyclohexane
Concen: 1.239 ug/l
RT: 5.476 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX026770.D
Acq: 03 Feb 2022 19:55

Instrument :
MSVOA_X
ClientSampleId :
34027

Tgt Ion: 56 Resp: 3048

Ion	Ratio	Lower	Upper
56	100		
69	27.1	25.8	38.6
84	64.1	68.9	103.3#

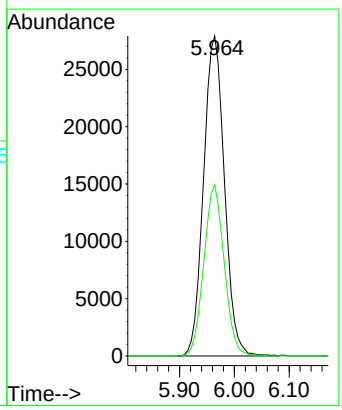


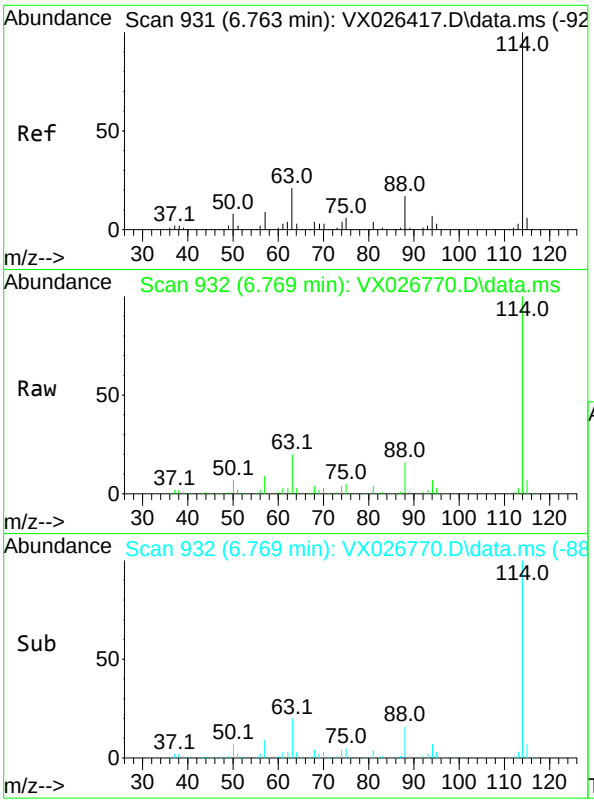


#33
1,2-Dichloroethane-d4
Concen: 44.237 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.006 min
Lab File: VX026770.D
Acq: 03 Feb 2022 19:55

Tgt Ion: 65 Resp: 73760

Ion	Ratio	Lower	Upper
65	100		
67	52.1	0.0	100.8



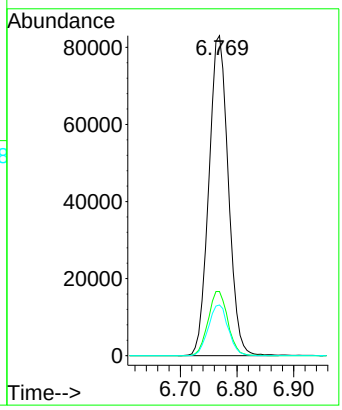


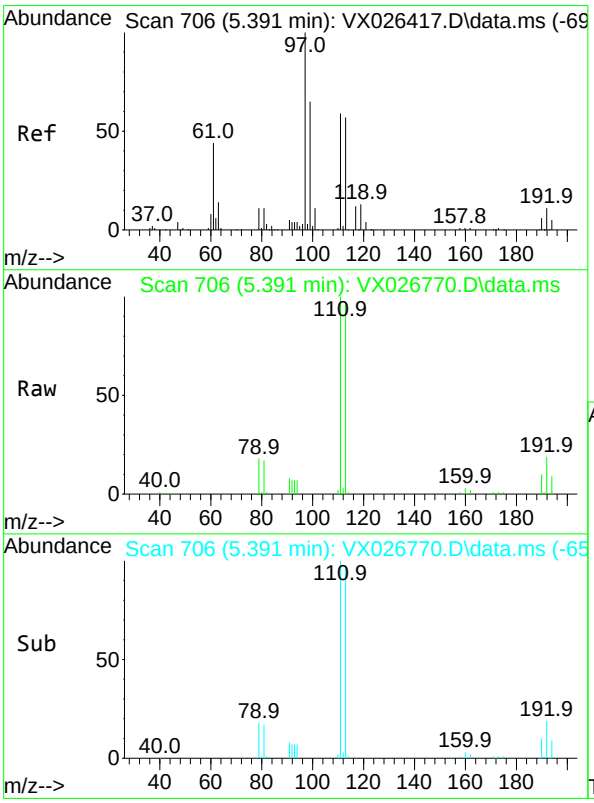
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 9
Delta R.T. 0.006 min
Lab File: VX026770.D
Acq: 03 Feb 2022 19:55

Instrument :
MSVOA_X
ClientSampleId :
34027

Tgt Ion:114 Resp: 197927

Ion	Ratio	Lower	Upper
114	100		
63	20.1	0.0	42.8
88	15.9	0.0	33.0

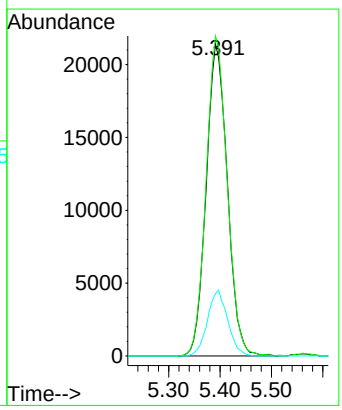


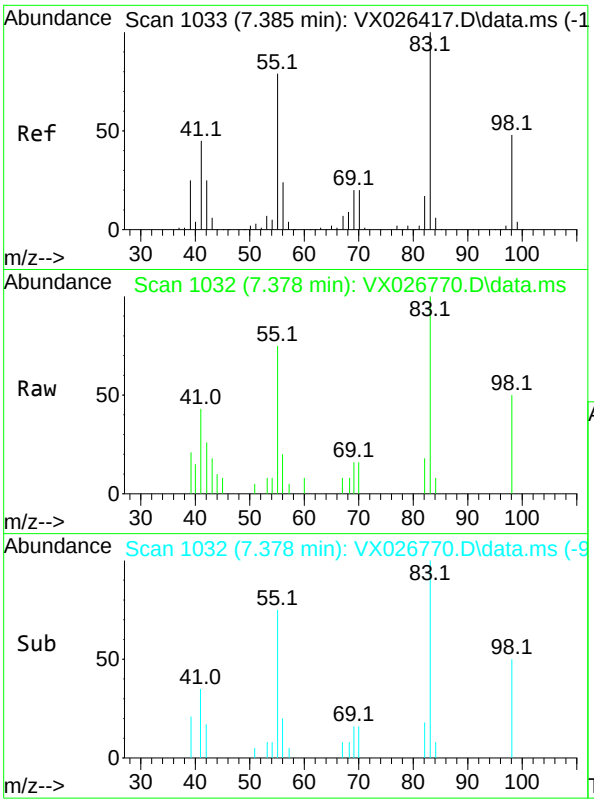


#35
Dibromofluoromethane
Concen: 48.064 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.000 min
Lab File: VX026770.D
Acq: 03 Feb 2022 19:55

Tgt Ion:113 Resp: 61433

Ion	Ratio	Lower	Upper
113	100		
111	102.1	81.2	121.8
192	20.1	15.0	22.4



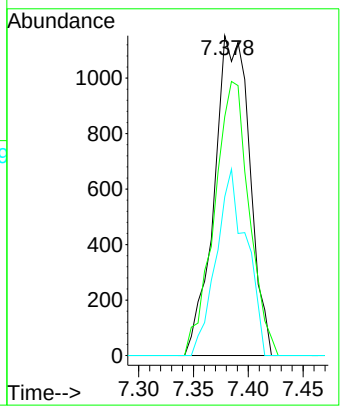


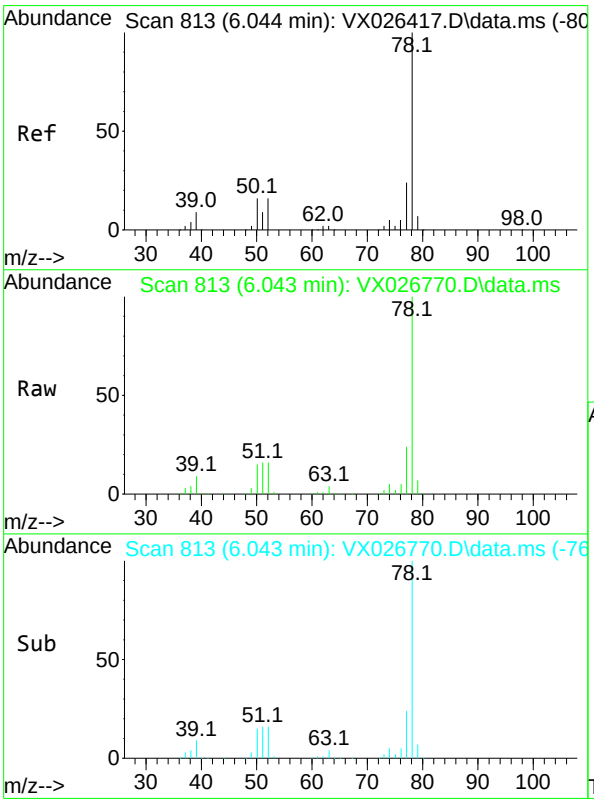
#39
Methylcyclohexane
Concen: 1.067 ug/l
RT: 7.378 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX026770.D
Acq: 03 Feb 2022 19:55

Instrument :
MSVOA_X
ClientSampleId :
34027

Tgt Ion: 83 Resp: 2598

Ion	Ratio	Lower	Upper
83	100		
55	74.7	63.6	95.4
98	49.6	38.4	57.6

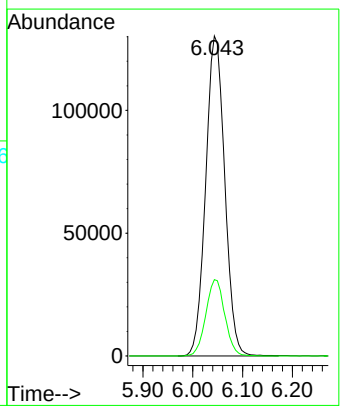


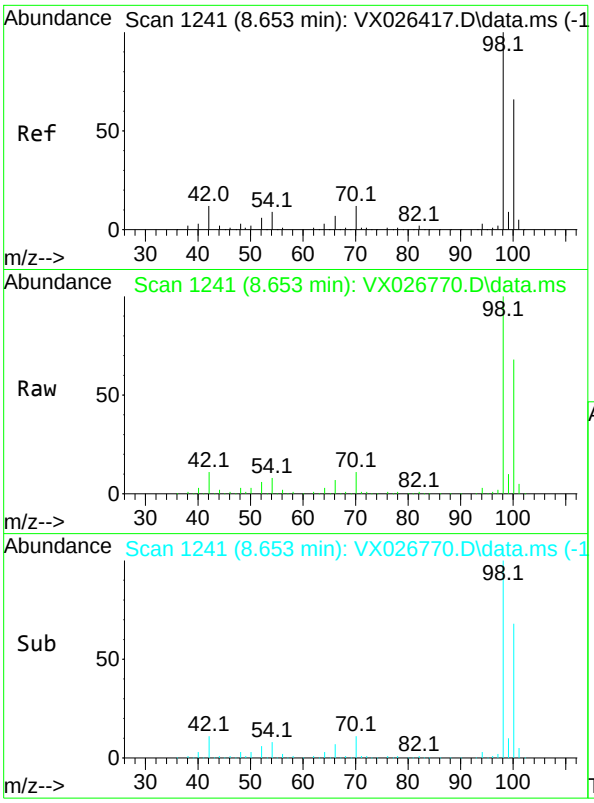


#40
Benzene
Concen: 61.967 ug/l
RT: 6.043 min Scan# 813
Delta R.T. -0.000 min
Lab File: VX026770.D
Acq: 03 Feb 2022 19:55

Tgt Ion: 78 Resp: 345595

Ion	Ratio	Lower	Upper
78	100		
77	23.8	18.9	28.3



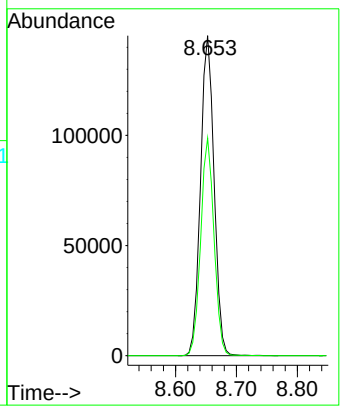


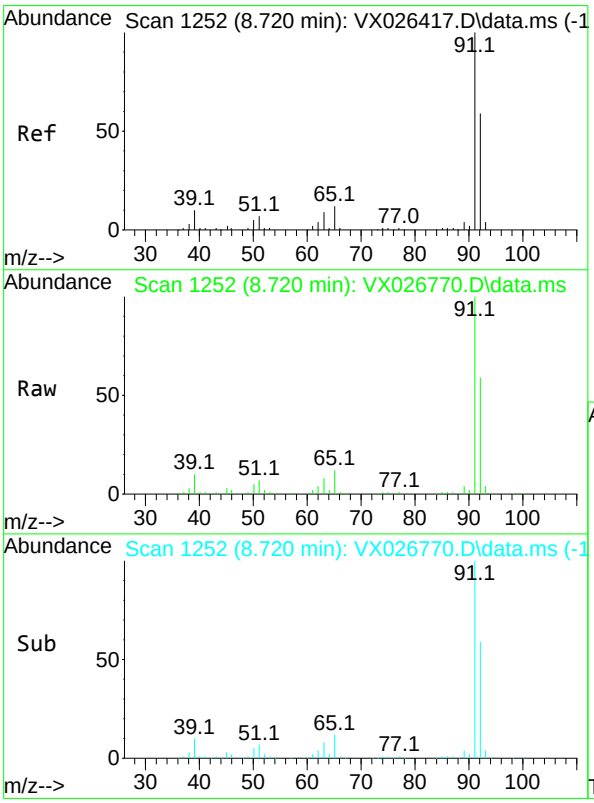
#50
Toluene-d8
Concen: 48.912 ug/l
RT: 8.653 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX026770.D
Acq: 03 Feb 2022 19:55

Instrument :
MSVOA_X
ClientSampleId :
34027

Tgt Ion: 98 Resp: 225285

Ion	Ratio	Lower	Upper
98	100		
100	66.9	53.2	79.8

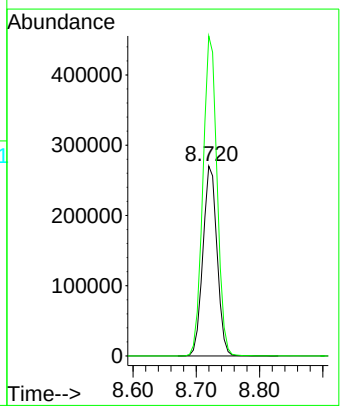


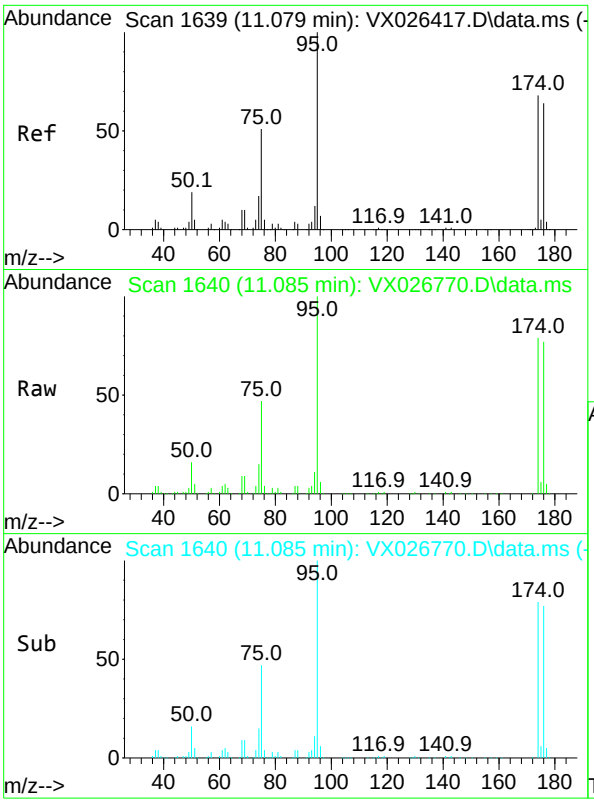


#52
Toluene
Concen: 122.952 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX026770.D
Acq: 03 Feb 2022 19:55

Tgt Ion: 92 Resp: 420497

Ion	Ratio	Lower	Upper
92	100		
91	168.6	135.7	203.5



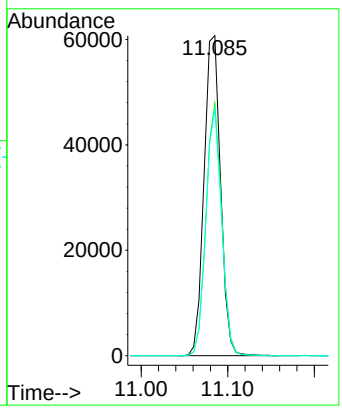


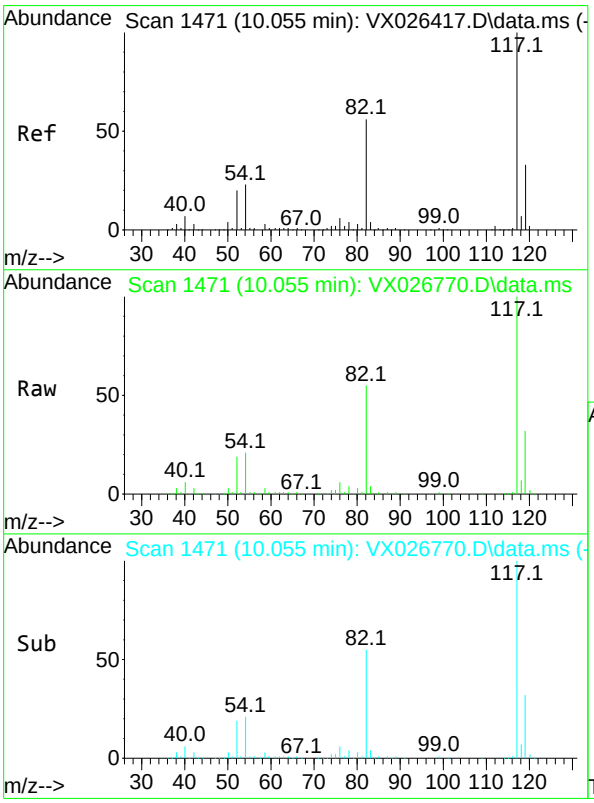
#62
4-Bromofluorobenzene
Concen: 49.054 ug/l
RT: 11.085 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX026770.D
Acq: 03 Feb 2022 19:55

Instrument :
MSVOA_X
ClientSampleId :
34027

Tgt Ion: 95 Resp: 80262

Ion	Ratio	Lower	Upper
95	100		
174	75.5	0.0	148.6
176	73.3	0.0	141.4

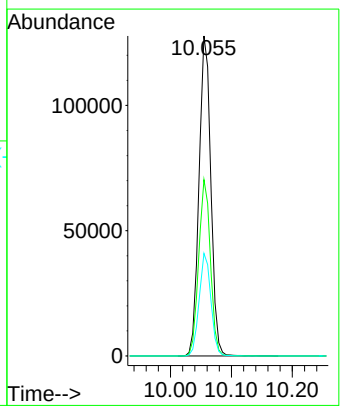


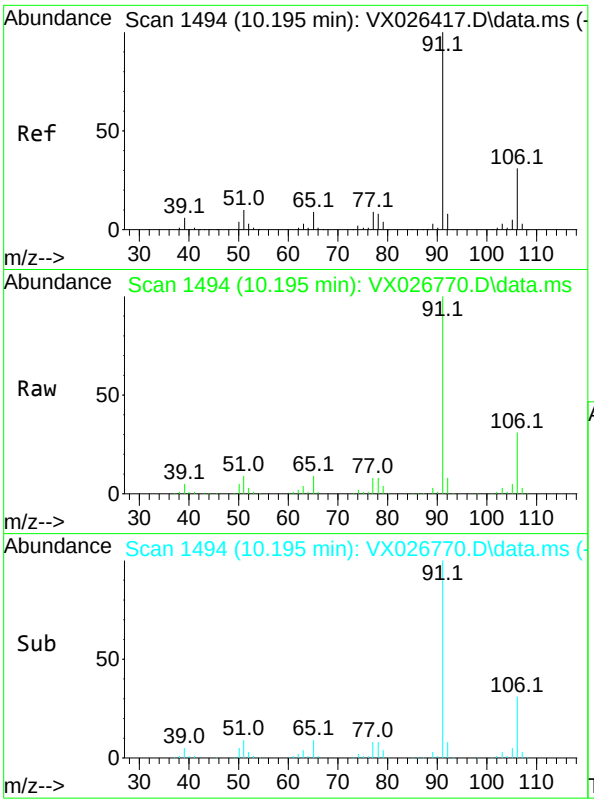


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX026770.D
Acq: 03 Feb 2022 19:55

Tgt Ion:117 Resp: 172351

Ion	Ratio	Lower	Upper
117	100		
82	55.1	45.2	67.8
119	32.0	26.2	39.2



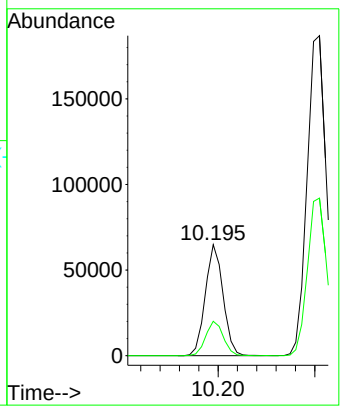


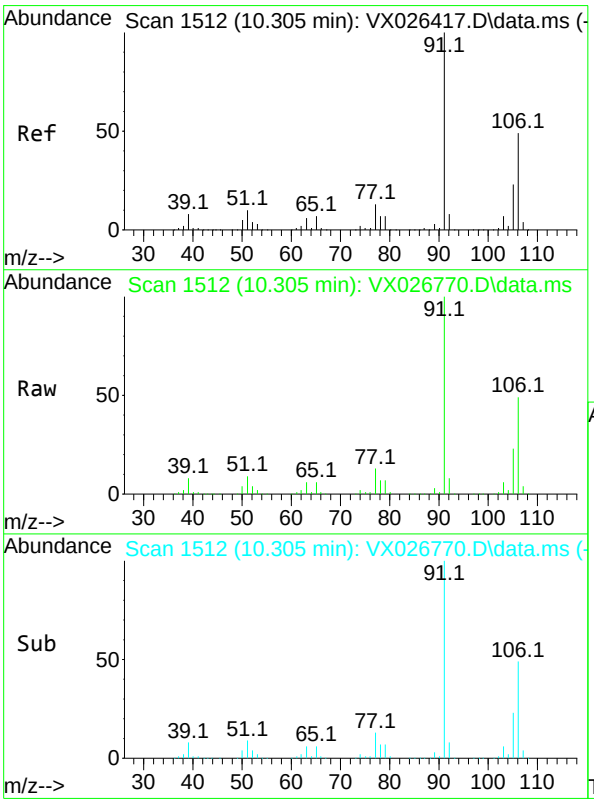
#67
Ethyl Benzene
Concen: 12.566 ug/l
RT: 10.195 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX026770.D
Acq: 03 Feb 2022 19:55

Instrument :
MSVOA_X
ClientSampleId :
34027

Tgt Ion: 91 Resp: 82880

Ion	Ratio	Lower	Upper
91	100		
106	30.9	24.7	37.1

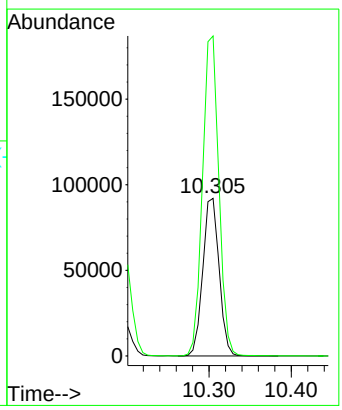


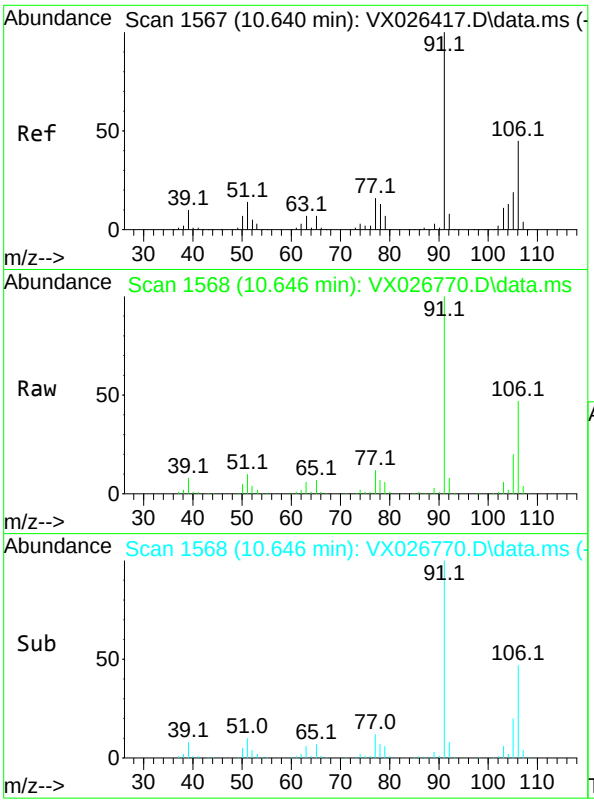


#68
m/p-Xylenes
Concen: 51.411 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX026770.D
Acq: 03 Feb 2022 19:55

Tgt Ion:106 Resp: 126896

Ion	Ratio	Lower	Upper
106	100		
91	203.8	165.3	247.9



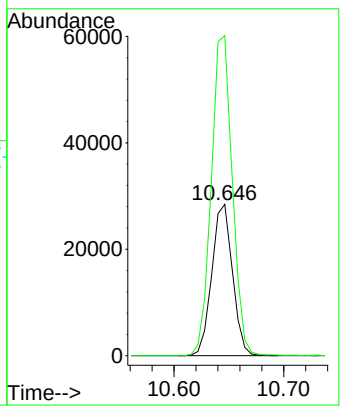


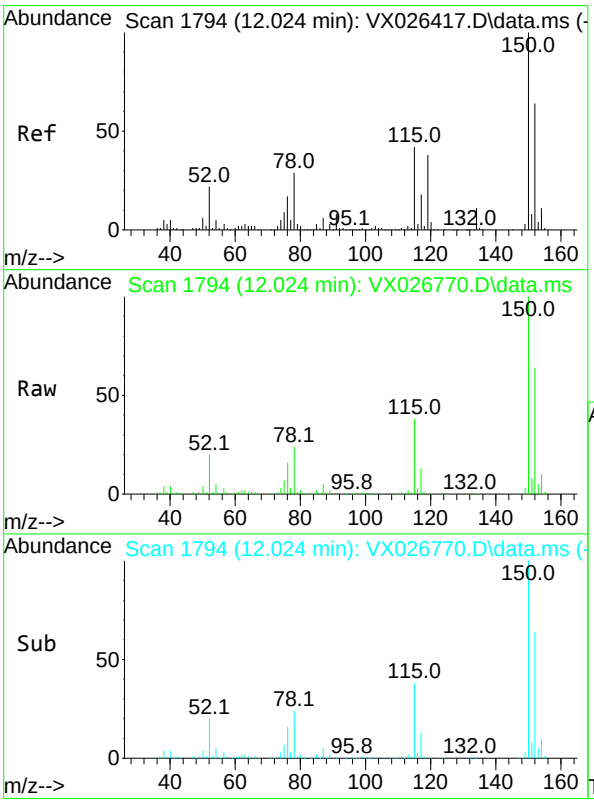
#69
o-Xylene
Concen: 15.648 ug/l
RT: 10.646 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX026770.D
Acq: 03 Feb 2022 19:55

Instrument :
MSVOA_X
ClientSampleId :
34027

Tgt Ion:106 Resp: 37269

Ion	Ratio	Lower	Upper
106	100		
91	215.7	109.7	329.0





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX026770.D
Acq: 03 Feb 2022 19:55

Tgt Ion:152 Resp: 74458

Ion	Ratio	Lower	Upper
152	100		
115	59.8	44.2	132.6
150	157.1	0.0	348.2