Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042823\
Data File : VX035401.D
Acq On : 28 Apr 2023 19:12
Operator : JC/MD
Sample : 02522-06DL 10X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-3DL

Quant Time: Apr 29 00:43:02 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042523W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 25 16:31:40 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.550	168	247613	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	409389	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	377831	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	185803	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	146595	49.073	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 98.140%			
35) Dibromofluoromethane	5.385	113	125689	50.021	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.040%			
50) Toluene-d8	8.647	98	484535	51.118	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 102.240%			
62) 4-Bromofluorobenzene	11.079	95	188574	52.885	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 105.760%			
Target Compounds						Qvalue
30) Chloroform	5.093	83	7267	1.526	ug/l	85
39) Methylcyclohexane	7.379	83	2800	0.586	ug/l #	94
40) Benzene	6.037	78	9025	0.802	ug/l	90
52) Toluene	8.720	92	88966	12.470	ug/l	98
67) Ethyl Benzene	10.195	91	524442	37.046	ug/l	100
68) m/p-Xylenes	10.305	106	110630	20.395	ug/l	99
69) o-Xylene	10.640	106	47718	8.971	ug/l	99
73) Isopropylbenzene	10.963	105	25711	1.893	ug/l	96
78) n-propylbenzene	11.305	91	57412	3.681	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	95117	8.306	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	556631	48.374	ug/l	97

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

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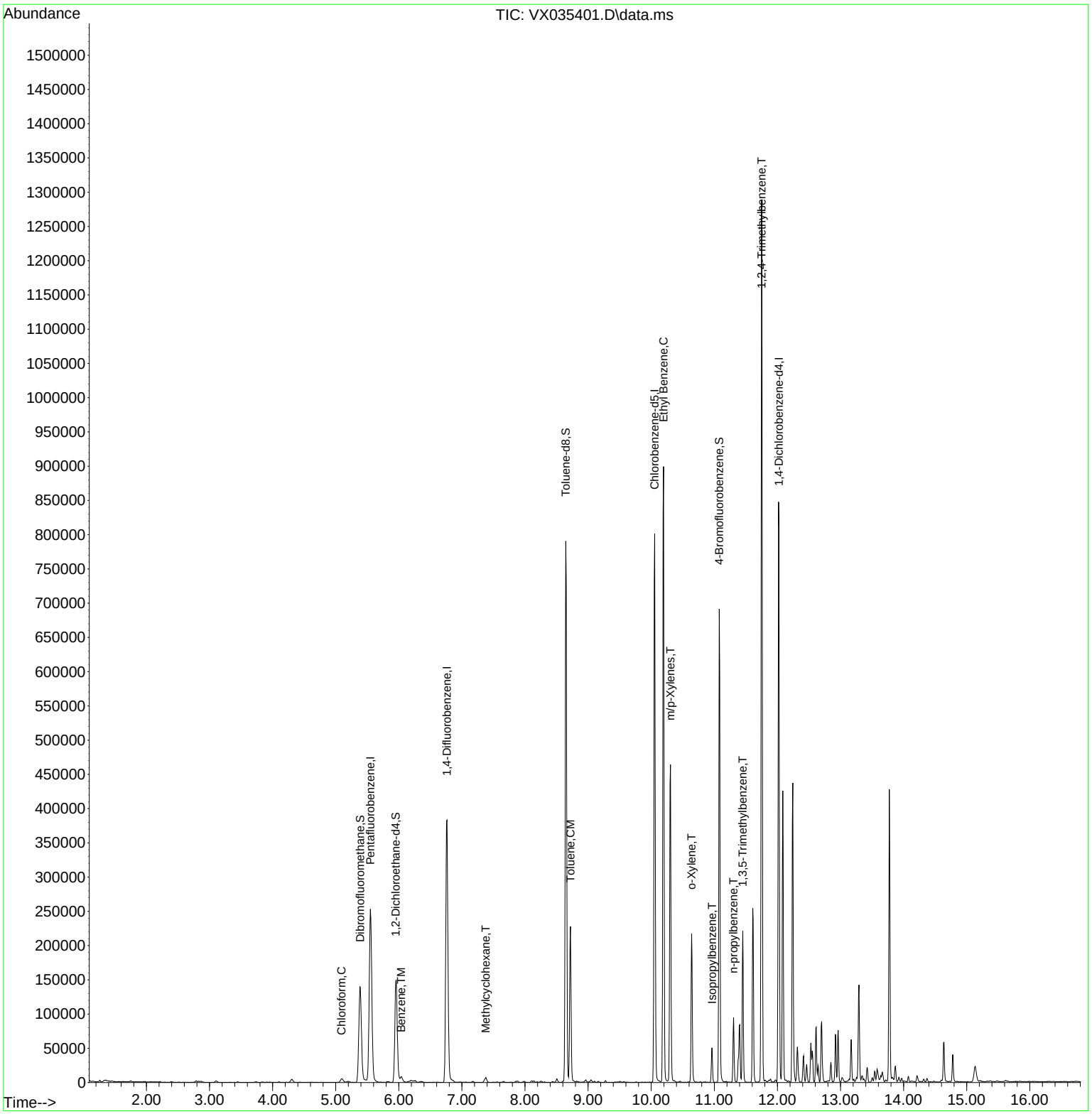
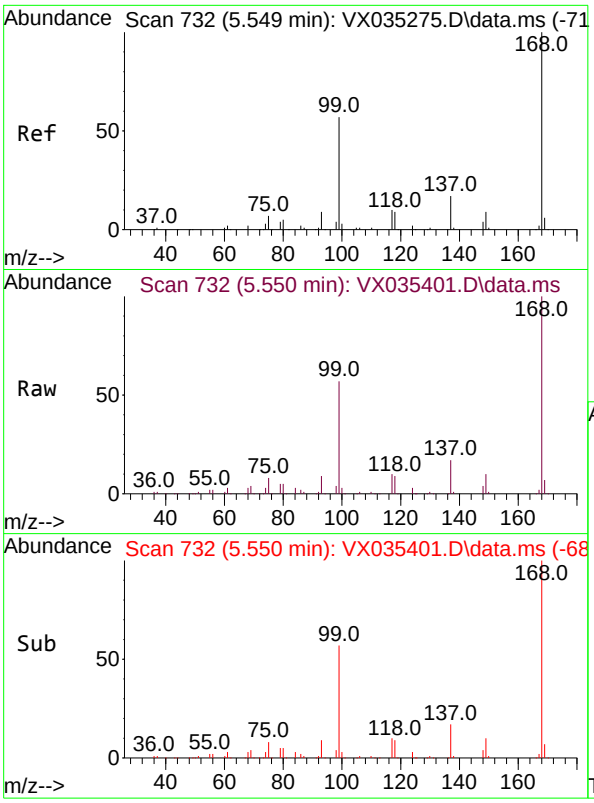
ClientSampleId :
MW-3DL

Quant Time: Apr 29 00:43:02 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042523W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 25 16:31:40 2023
Response via : Initial Calibration



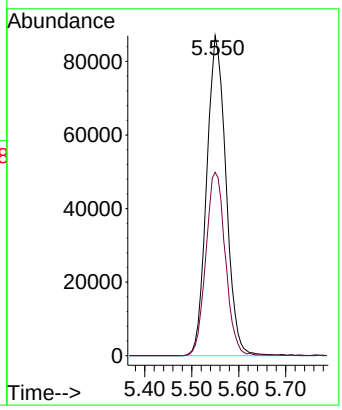


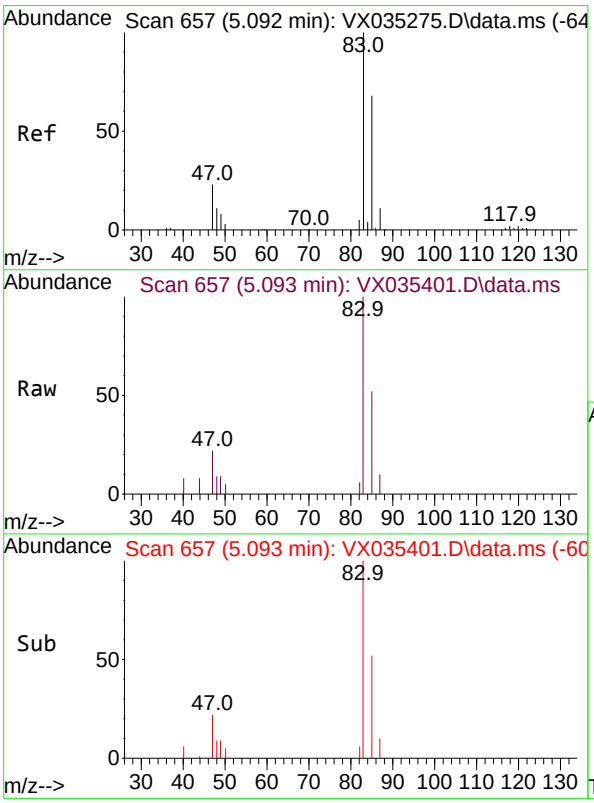
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 7
Delta R.T. 0.001 min
Lab File: VX035401.D
Acq: 28 Apr 2023 19:12

Instrument :
MSVOA_X
ClientSampleId :
MW-3DL

Tgt Ion:168 Resp: 247613

Ion	Ratio	Lower	Upper
168	100		
99	57.3	45.7	68.5

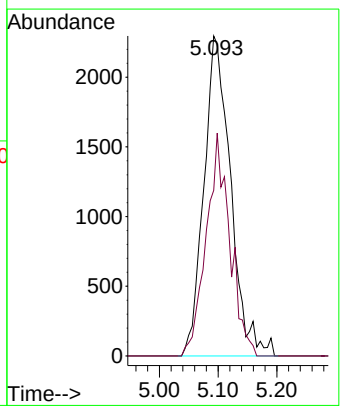


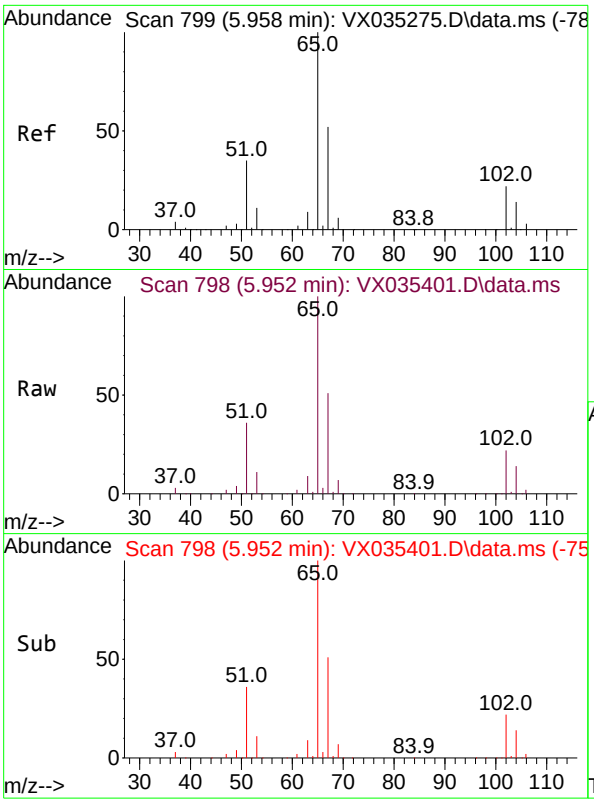


#30
Chloroform
Concen: 1.526 ug/l
RT: 5.093 min Scan# 657
Delta R.T. 0.001 min
Lab File: VX035401.D
Acq: 28 Apr 2023 19:12

Tgt Ion: 83 Resp: 7267

Ion	Ratio	Lower	Upper
83	100		
85	51.7	50.6	76.0



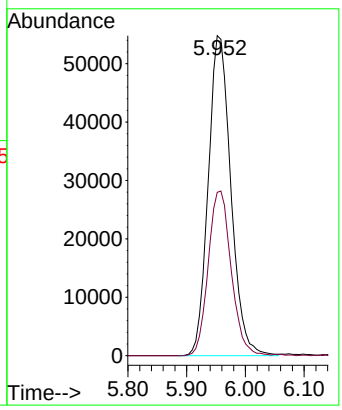


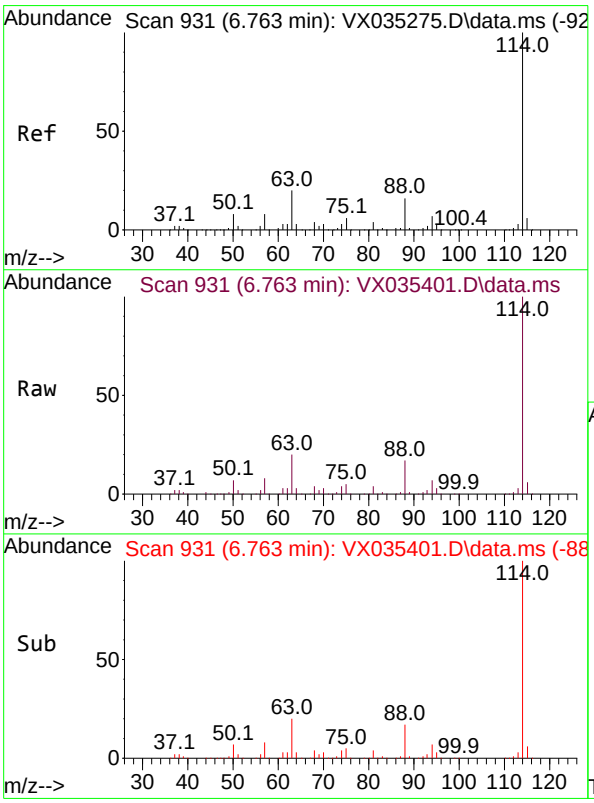
#33
1,2-Dichloroethane-d4
Concen: 49.073 ug/l
RT: 5.952 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX035401.D
Acq: 28 Apr 2023 19:12

Instrument :
MSVOA_X
ClientSampleId :
MW-3DL

Tgt Ion: 65 Resp: 146595

Ion	Ratio	Lower	Upper
65	100		
67	52.1	0.0	104.0

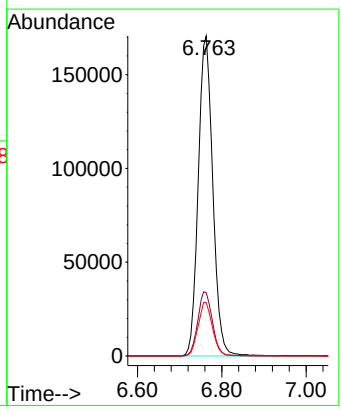


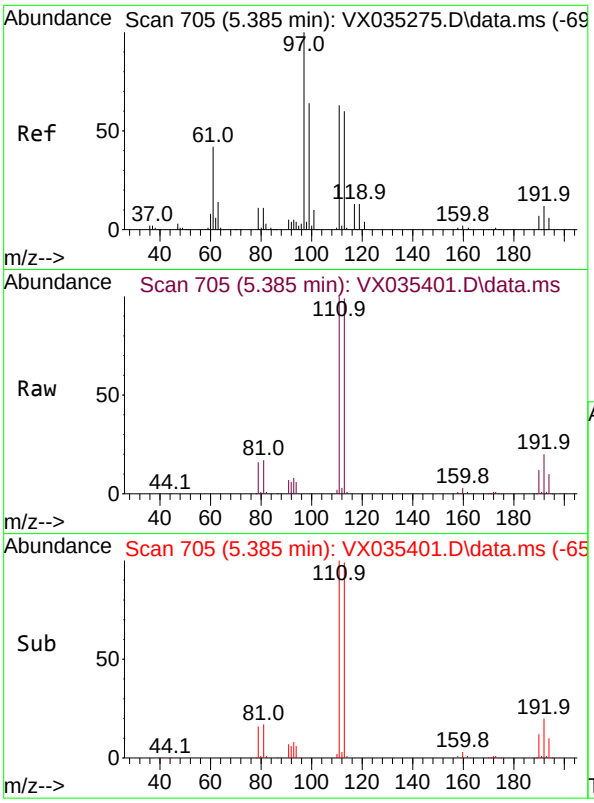


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. -0.000 min
Lab File: VX035401.D
Acq: 28 Apr 2023 19:12

Tgt Ion:114 Resp: 409389

Ion	Ratio	Lower	Upper
114	100		
63	19.8	0.0	42.2
88	16.6	0.0	33.2



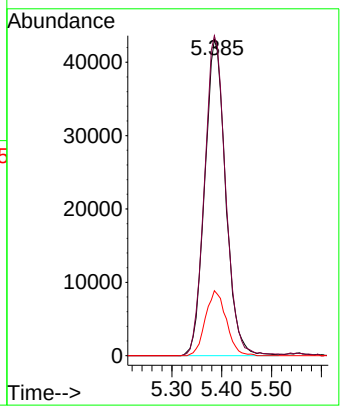


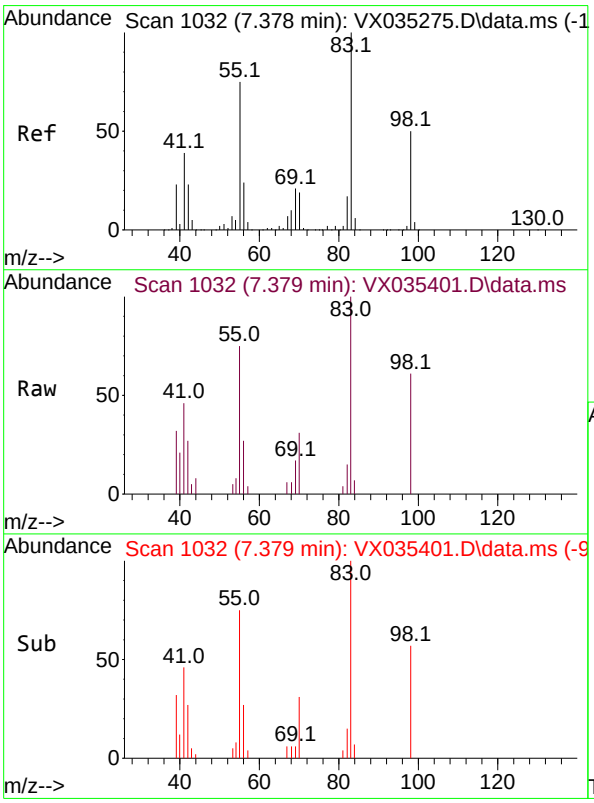
#35
Dibromofluoromethane
Concen: 50.021 ug/l
RT: 5.385 min Scan# 7
Delta R.T. 0.000 min
Lab File: VX035401.D
Acq: 28 Apr 2023 19:12

Instrument :
MSVOA_X
ClientSampleId :
MW-3DL

Tgt Ion:113 Resp: 125689

Ion	Ratio	Lower	Upper
113	100		
111	102.1	83.7	125.5
192	20.4	15.4	23.2

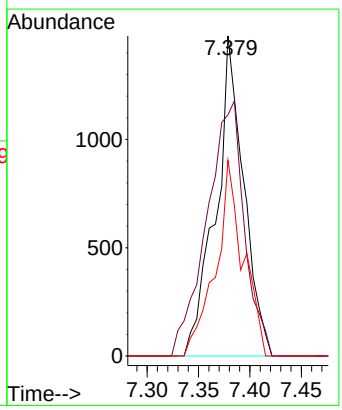


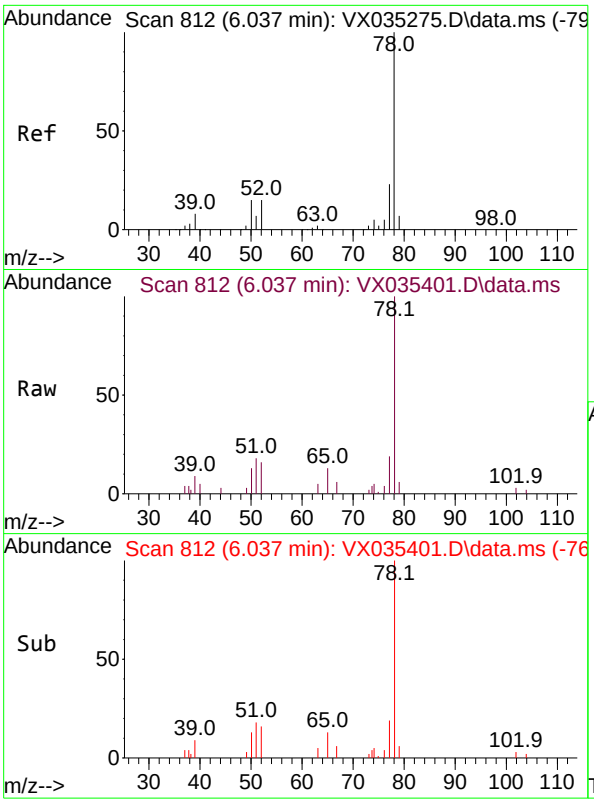


#39
Methylcyclohexane
Concen: 0.586 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. 0.001 min
Lab File: VX035401.D
Acq: 28 Apr 2023 19:12

Tgt Ion: 83 Resp: 2800

Ion	Ratio	Lower	Upper
83	100		
55	75.4	60.5	90.7
98	61.1	40.4	60.6#



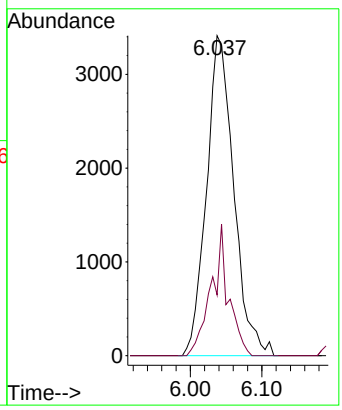


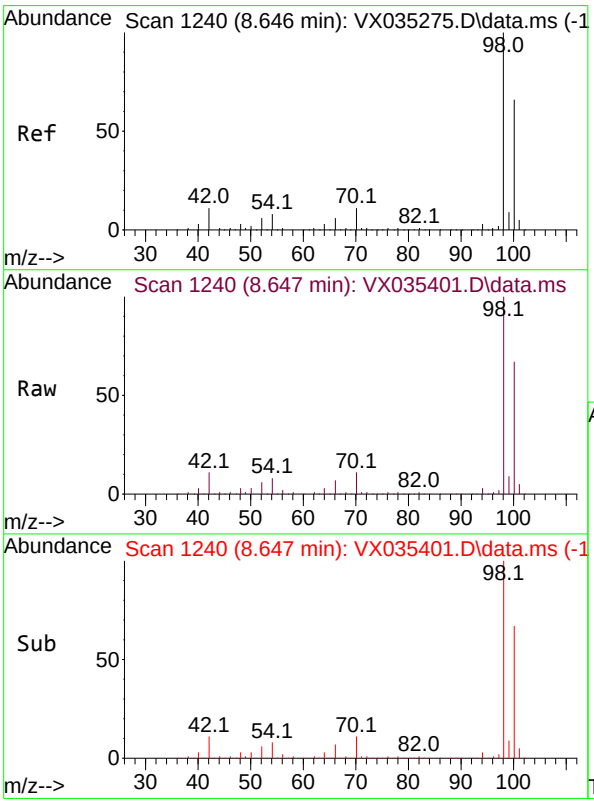
#40
Benzene
Concen: 0.802 ug/l
RT: 6.037 min Scan# 81
Delta R.T. 0.000 min
Lab File: VX035401.D
Acq: 28 Apr 2023 19:12

Instrument :
MSVOA_X
ClientSampleId :
MW-3DL

Tgt Ion: 78 Resp: 9025

Ion	Ratio	Lower	Upper
78	100		
77	19.0	19.0	28.4

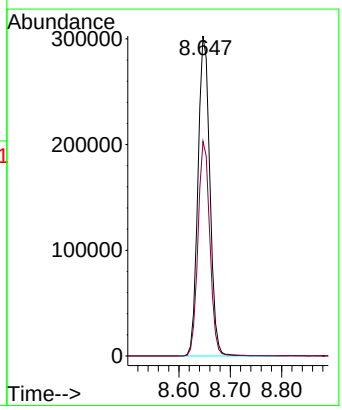


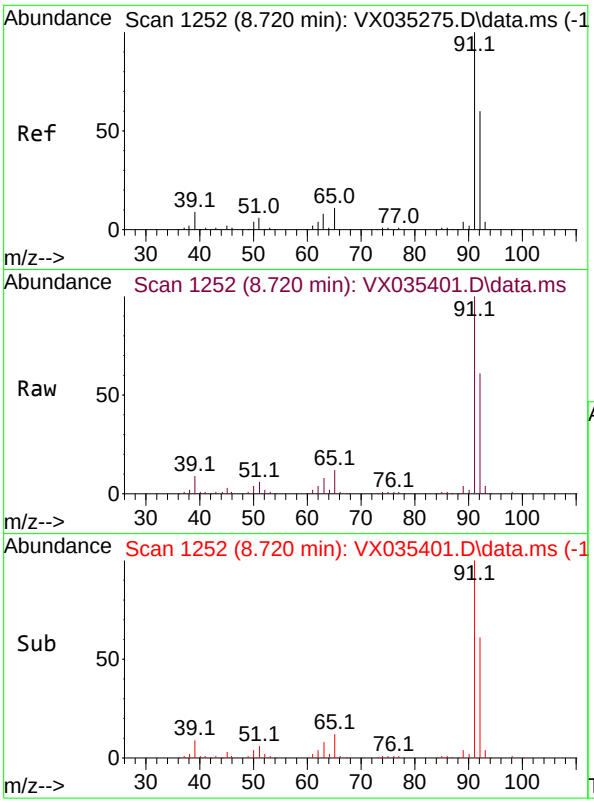


#50
Toluene-d8
Concen: 51.118 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.001 min
Lab File: VX035401.D
Acq: 28 Apr 2023 19:12

Tgt Ion: 98 Resp: 484535

Ion	Ratio	Lower	Upper
98	100		
100	66.7	52.5	78.7



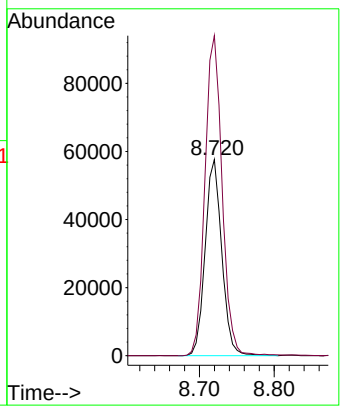


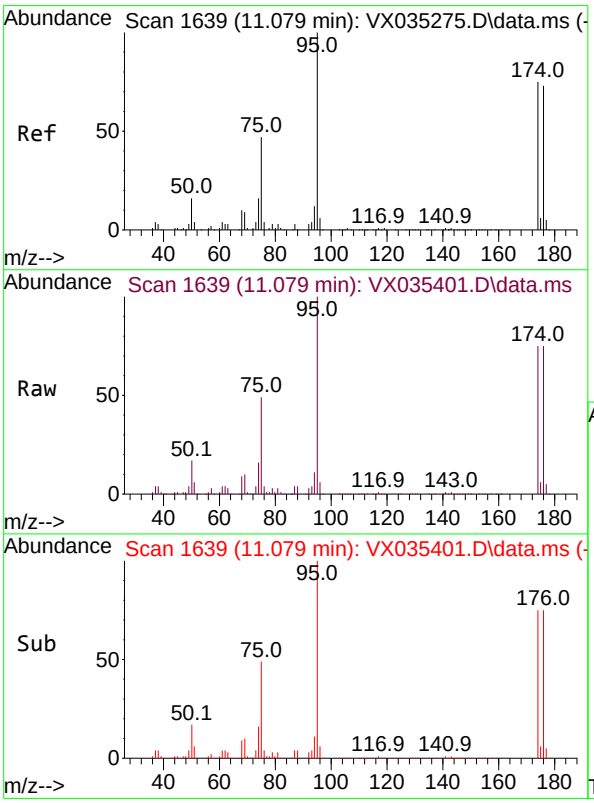
#52
Toluene
Concen: 12.470 ug/l
RT: 8.720 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX035401.D
Acq: 28 Apr 2023 19:12

Instrument :
MSVOA_X
ClientSampleId :
MW-3DL

Tgt Ion: 92 Resp: 88966

Ion	Ratio	Lower	Upper
92	100		
91	168.2	136.8	205.2

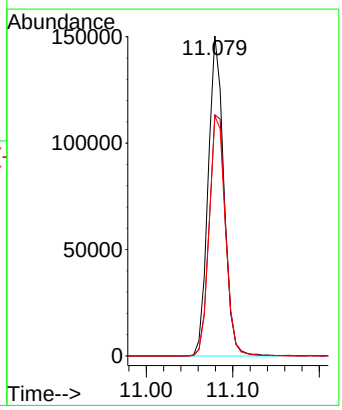


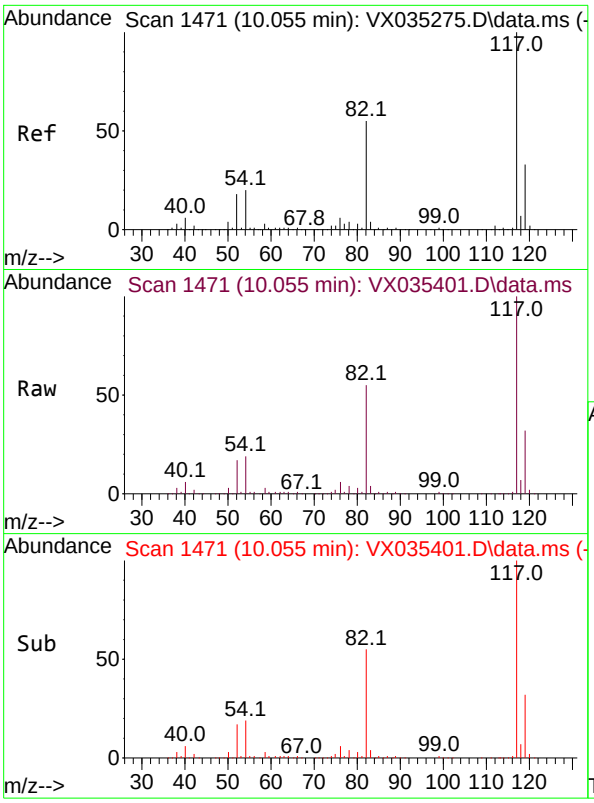


#62
4-Bromofluorobenzene
Concen: 52.885 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX035401.D
Acq: 28 Apr 2023 19:12

Tgt Ion: 95 Resp: 188574

Ion	Ratio	Lower	Upper
95	100		
174	79.5	0.0	147.4
176	77.5	0.0	140.6



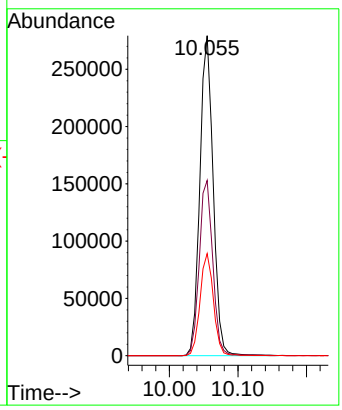


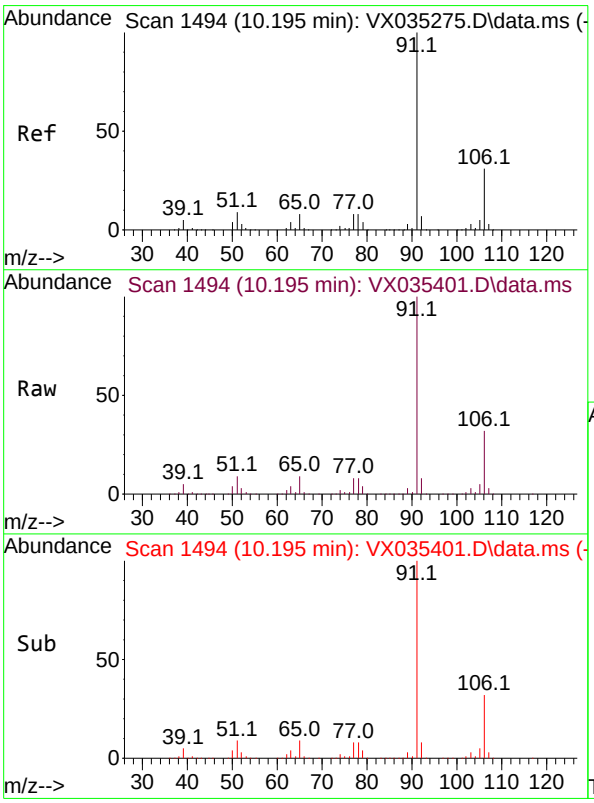
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX035401.D
Acq: 28 Apr 2023 19:12

Instrument :
MSVOA_X
ClientSampleId :
MW-3DL

Tgt Ion:117 Resp: 377831

Ion	Ratio	Lower	Upper
117	100		
82	54.8	45.0	67.4
119	31.9	26.0	39.0

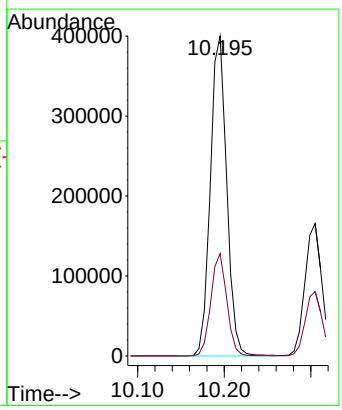


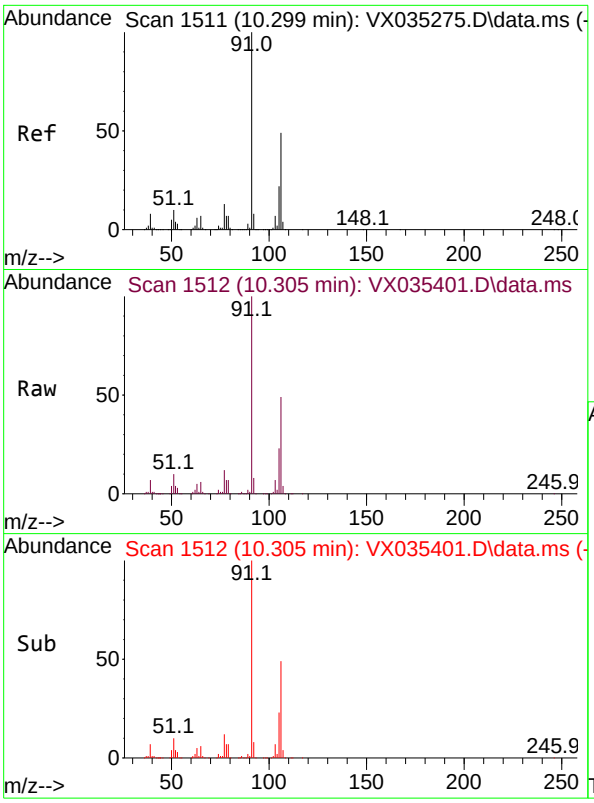


#67
Ethyl Benzene
Concen: 37.046 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX035401.D
Acq: 28 Apr 2023 19:12

Tgt Ion: 91 Resp: 524442

Ion	Ratio	Lower	Upper
91	100		
106	32.0	25.6	38.4



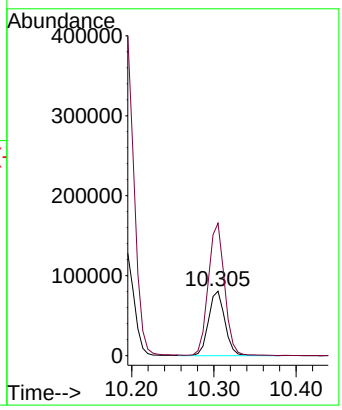


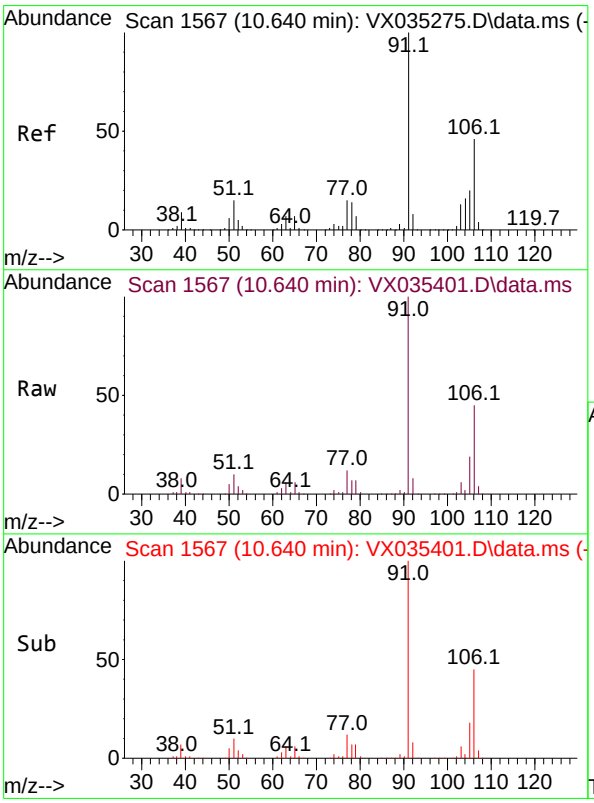
#68
m/p-Xylenes
Concen: 20.395 ug/l
RT: 10.305 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX035401.D
Acq: 28 Apr 2023 19:12

Instrument :
MSVOA_X
ClientSampleId :
MW-3DL

Tgt Ion:106 Resp: 110630

Ion	Ratio	Lower	Upper
106	100		
91	206.1	164.0	246.0

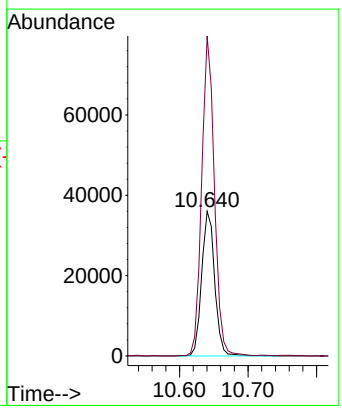


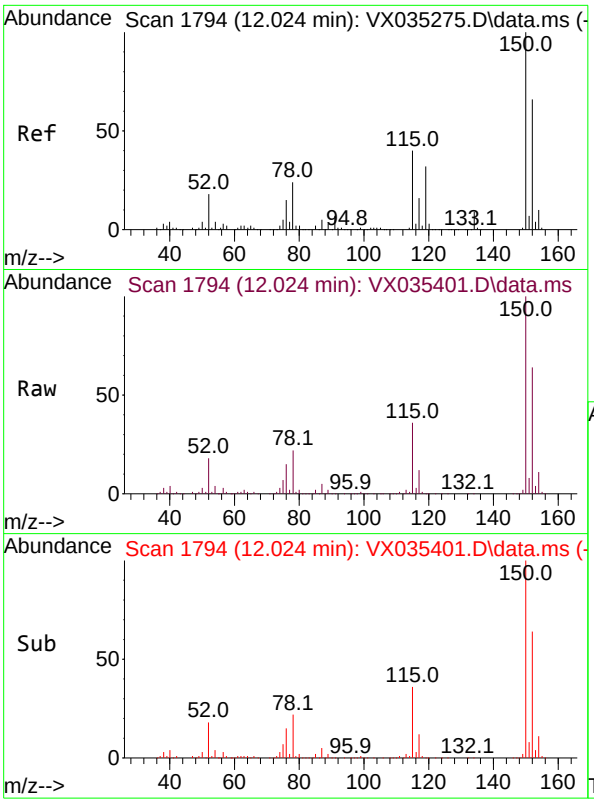


#69
o-Xylene
Concen: 8.971 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX035401.D
Acq: 28 Apr 2023 19:12

Tgt Ion:106 Resp: 47718

Ion	Ratio	Lower	Upper
106	100		
91	215.6	108.5	325.3



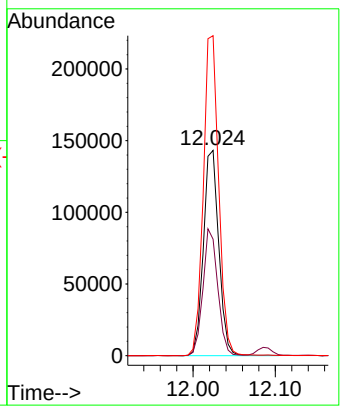


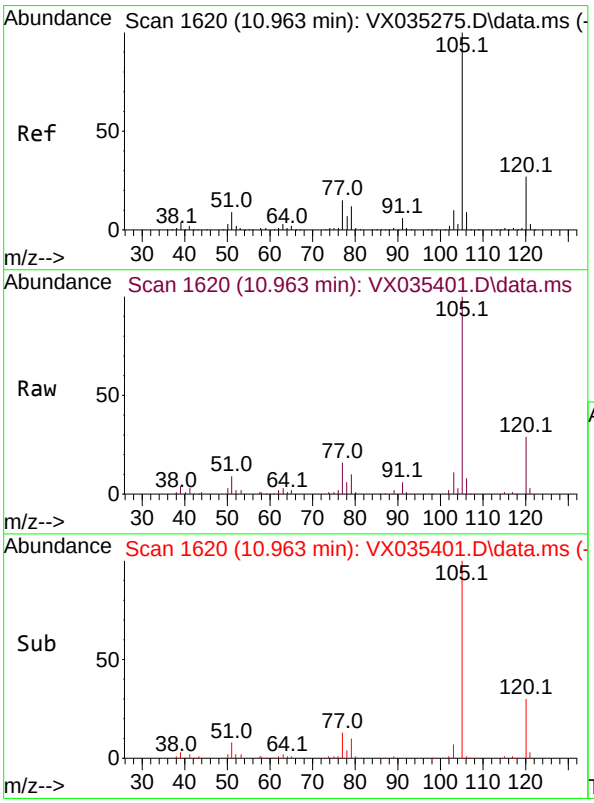
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX035401.D
Acq: 28 Apr 2023 19:12

Instrument :
MSVOA_X
ClientSampleId :
MW-3DL

Tgt Ion:152 Resp: 185803

Ion	Ratio	Lower	Upper
152	100		
115	59.3	45.0	135.0
150	155.5	0.0	352.4

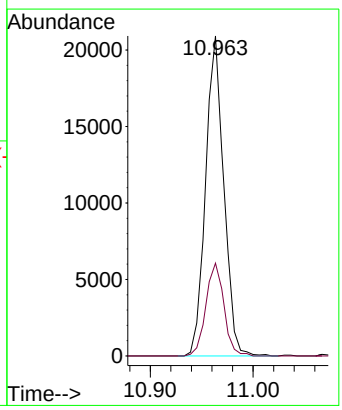


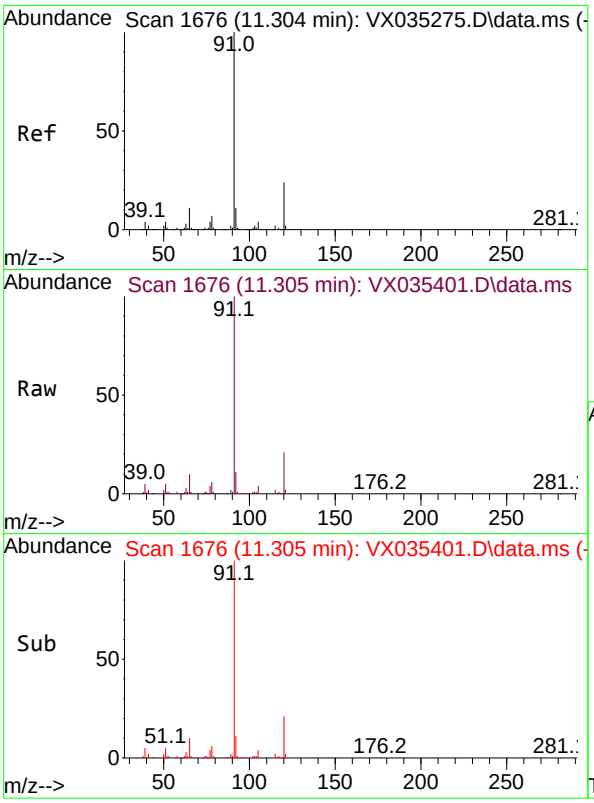


#73
Isopropylbenzene
Concen: 1.893 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX035401.D
Acq: 28 Apr 2023 19:12

Tgt Ion:105 Resp: 25711

Ion	Ratio	Lower	Upper
105	100		
120	28.7	13.3	39.9



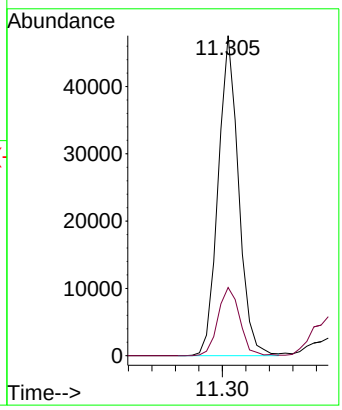


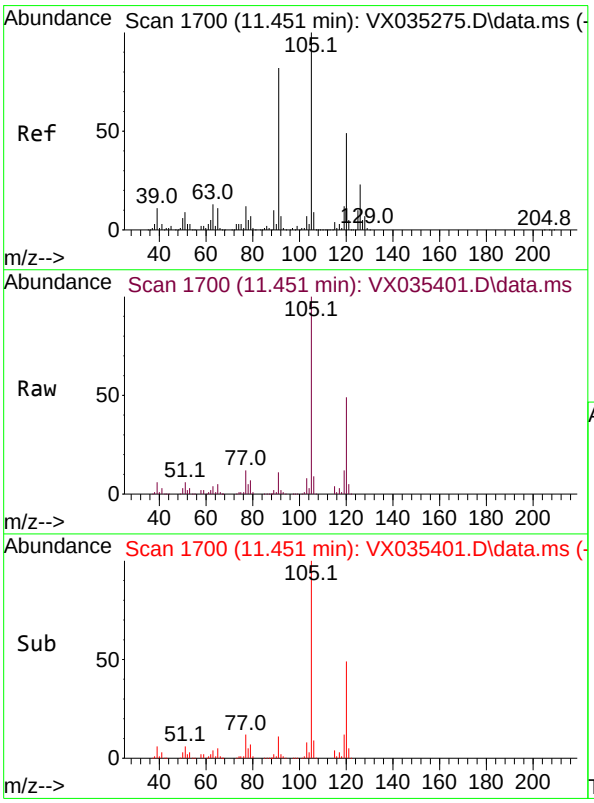
#78
n-propylbenzene
Concen: 3.681 ug/l
RT: 11.305 min Scan# 1
Delta R.T. 0.001 min
Lab File: VX035401.D
Acq: 28 Apr 2023 19:12

Instrument :
MSVOA_X
ClientSampleId :
MW-3DL

Tgt Ion: 91 Resp: 57412

Ion	Ratio	Lower	Upper
91	100		
120	22.7	11.5	34.5

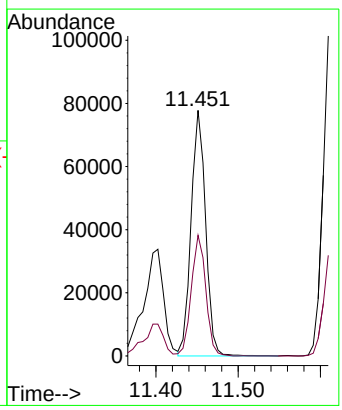


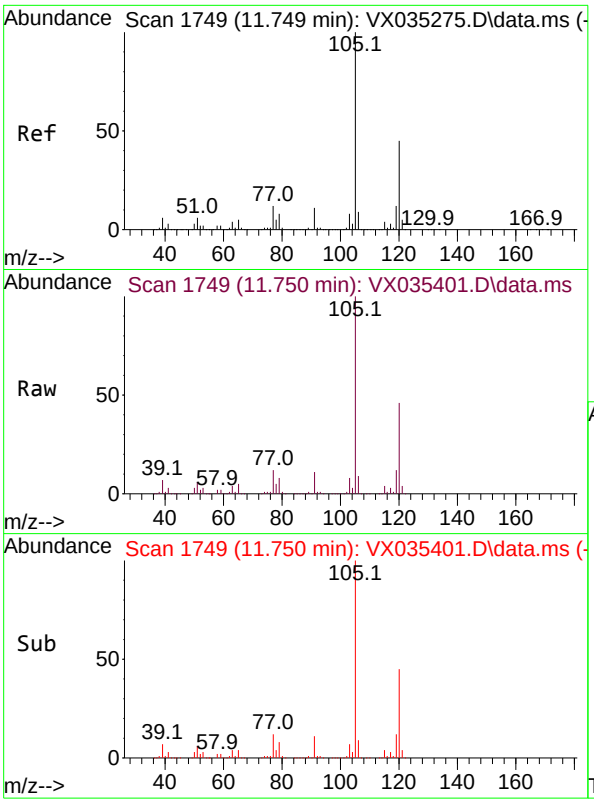


#80
1,3,5-Trimethylbenzene
Concen: 8.306 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX035401.D
Acq: 28 Apr 2023 19:12

Tgt Ion:105 Resp: 95117

Ion	Ratio	Lower	Upper
105	100		
120	49.4	23.7	71.1





#84
1,2,4-Trimethylbenzene
Concen: 48.374 ug/l
RT: 11.750 min Scan# 1
Delta R.T. 0.001 min
Lab File: VX035401.D
Acq: 28 Apr 2023 19:12

Instrument :
MSVOA_X
ClientSampleId :
MW-3DL

Tgt Ion:105 Resp: 556631

Ion	Ratio	Lower	Upper
105	100		
120	46.4	22.4	67.0