Quantitation Report (LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX113022\
Data File : VX033138.D
Acq On : 30 Nov 2022 17:37
Operator : JC/MD
Sample : N5815-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-02

Quant Time: Dec 01 00:22:59 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112222W.M
Quant Title : SW846 8260
QLast Update : Tue Nov 22 13:58:46 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.556	168	125446	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	200638	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	179266	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	85988	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	66831	54.823	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 109.640%			
35) Dibromofluoromethane	5.385	113	52942	46.805	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 93.600%			
50) Toluene-d8	8.647	98	179661	52.915	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 105.840%			
62) 4-Bromofluorobenzene	11.079	95	67513	45.437	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 90.880%			
Target Compounds						Qvalue
22) Diisopropyl ether	3.757	45	1072	0.279	ug/l #	71
31) Cyclohexane	5.477	56	9692	4.896	ug/l	98
39) Methylcyclohexane	7.373	83	2674	1.296	ug/l #	51
40) Benzene	6.044	78	62419	12.309	ug/l	100
52) Toluene	8.720	92	3762	1.128	ug/l	89
67) Ethyl Benzene	10.195	91	300990	47.475	ug/l	99
68) m/p-Xylenes	10.305	106	3052	1.229	ug/l #	1
73) Isopropylbenzene	10.964	105	26096	4.247	ug/l	100
78) n-propylbenzene	11.305	91	31802	4.527	ug/l	99
85) sec-Butylbenzene	11.890	105	2284	0.372	ug/l #	57
95) Naphthalene	13.774	128	22571	4.105	ug/l	99

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

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Quant Time: Dec 01 00:22:59 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112222W.M
Quant Title : SW846 8260
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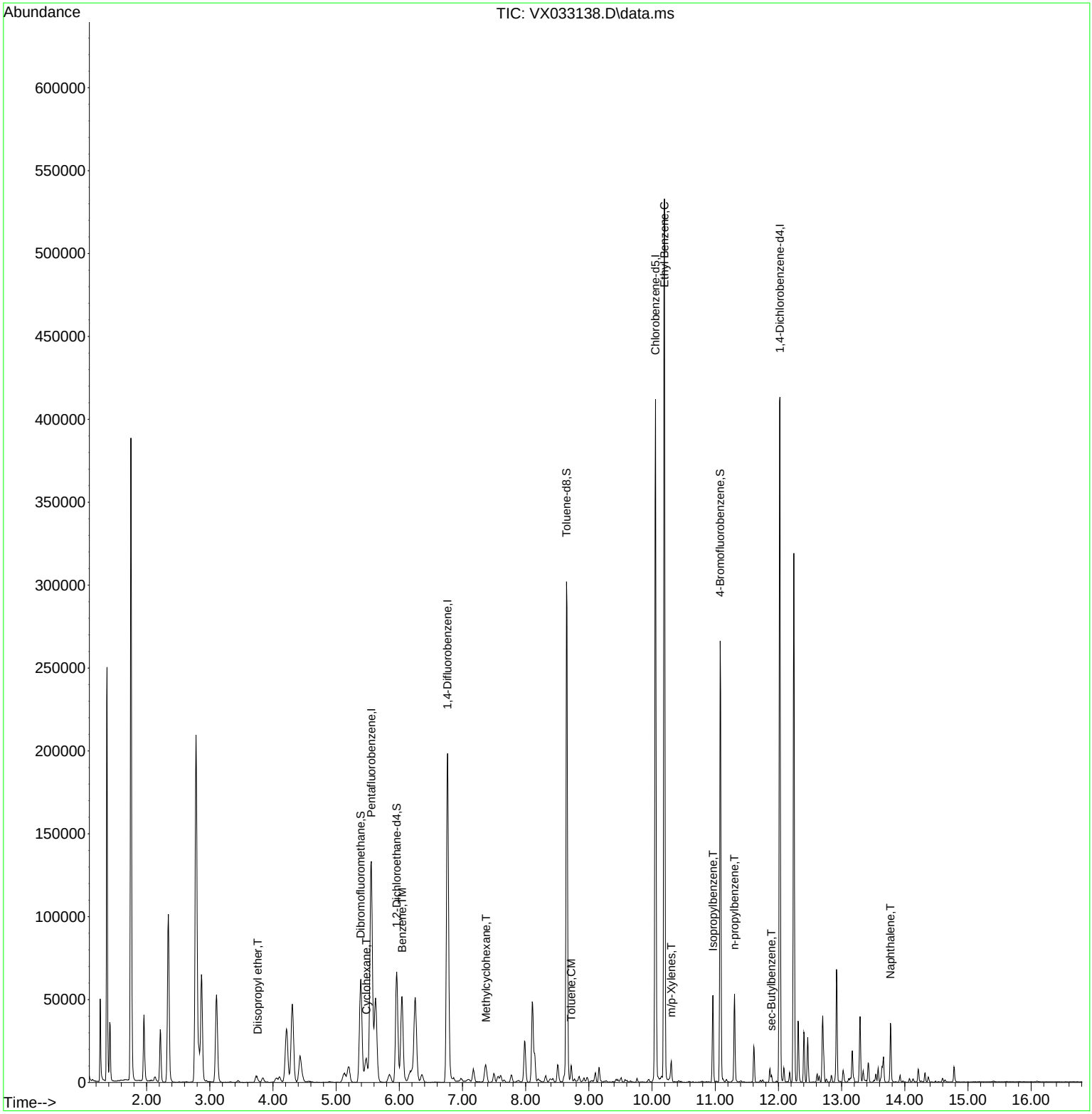
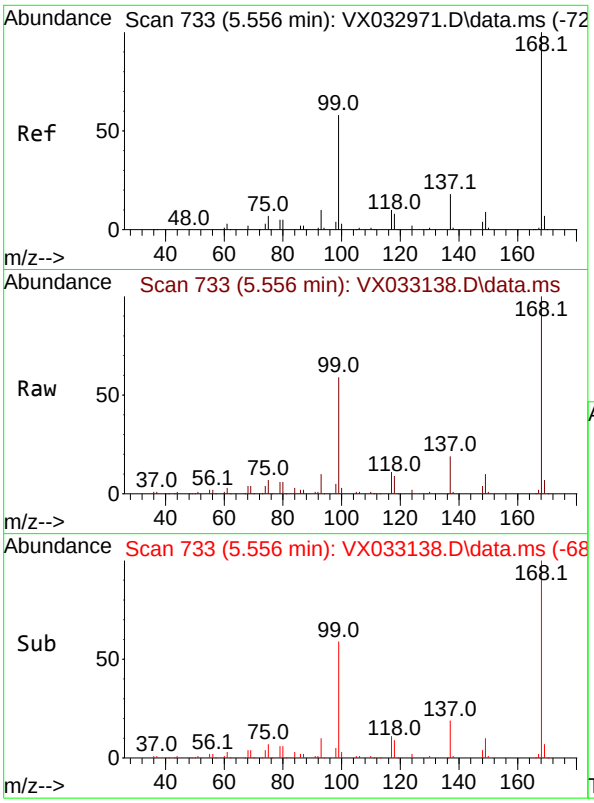


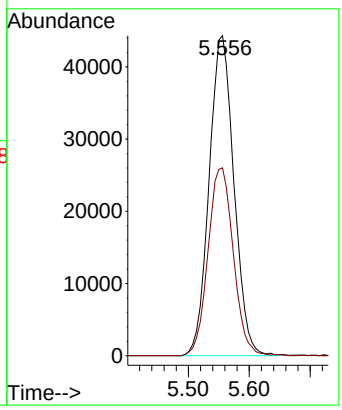


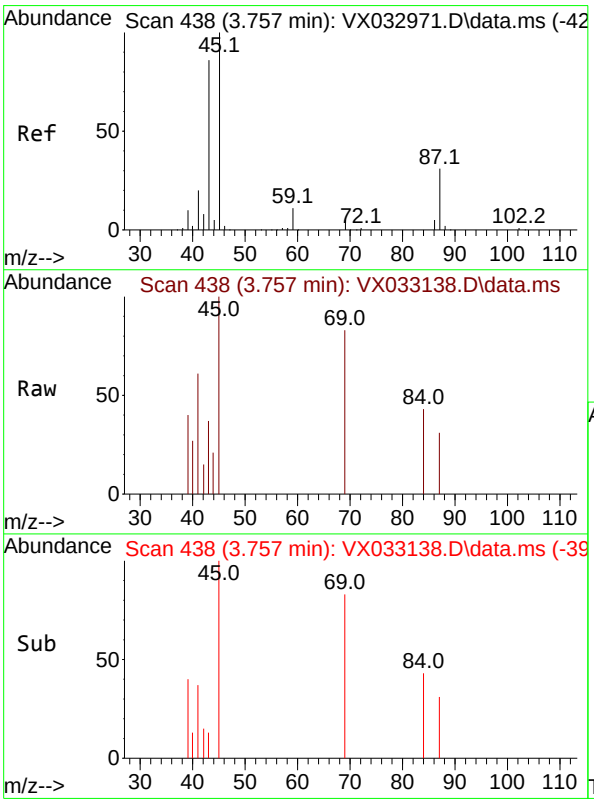
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX033138.D
Acq: 30 Nov 2022 17:37

Instrument :
MSVOA_X
ClientSampleId :
MW-02

Tgt Ion:168 Resp: 125446

Ion	Ratio	Lower	Upper
168	100		
99	58.7	46.1	69.1

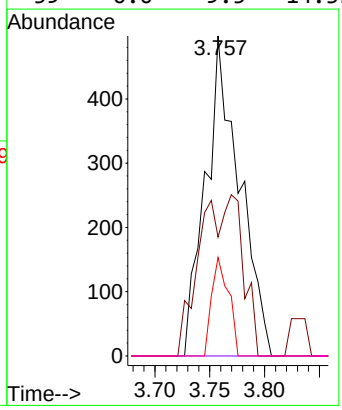


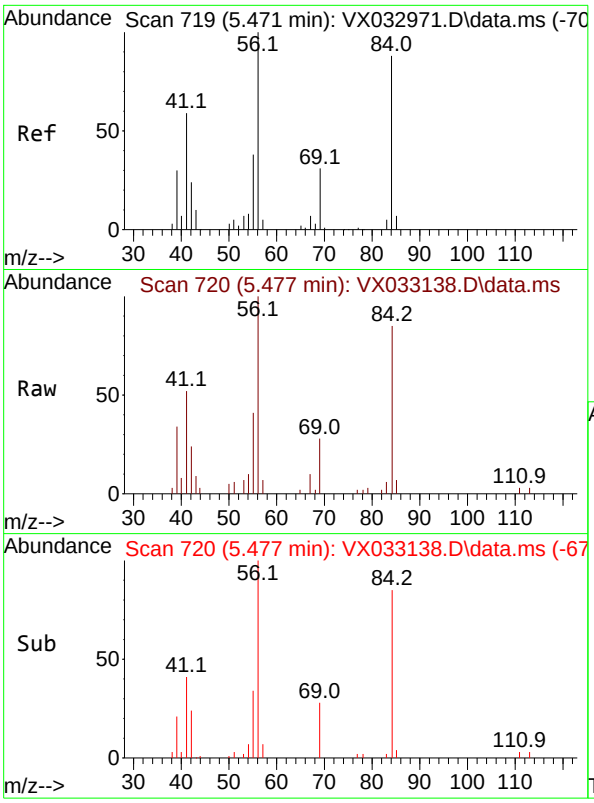


#22
Diisopropyl ether
Concen: 0.279 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.006 min
Lab File: VX033138.D
Acq: 30 Nov 2022 17:37

Tgt Ion: 45 Resp: 1072

Ion	Ratio	Lower	Upper
45	100		
43	37.1	56.4	84.6#
87	30.7	24.4	36.6
59	0.0	9.5	14.3#



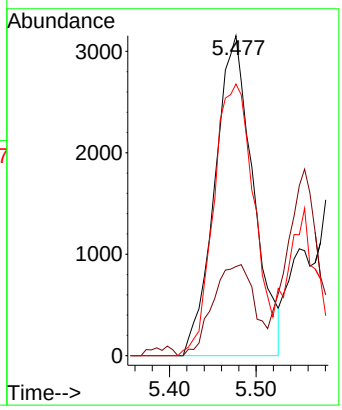


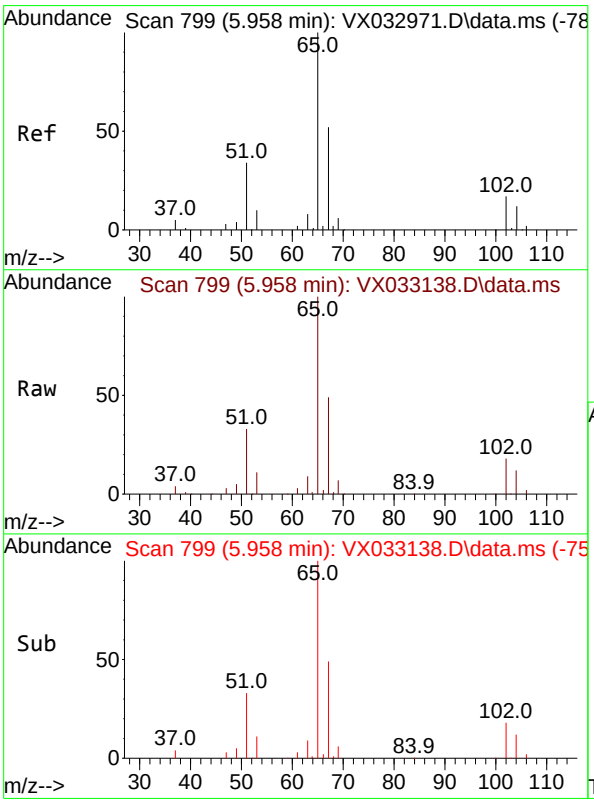
#31
Cyclohexane
Concen: 4.896 ug/l
RT: 5.477 min Scan# 7
Delta R.T. 0.007 min
Lab File: VX033138.D
Acq: 30 Nov 2022 17:37

Instrument :
MSVOA_X
ClientSampleId :
MW-02

Tgt Ion: 56 Resp: 9692

Ion	Ratio	Lower	Upper
56	100		
69	27.9	24.1	36.1
84	84.9	66.9	100.3

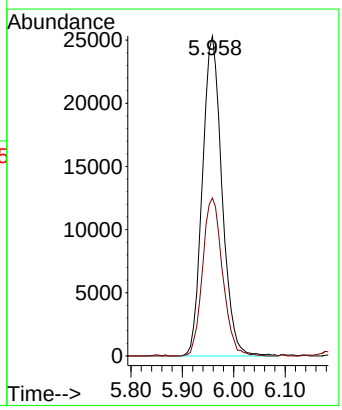


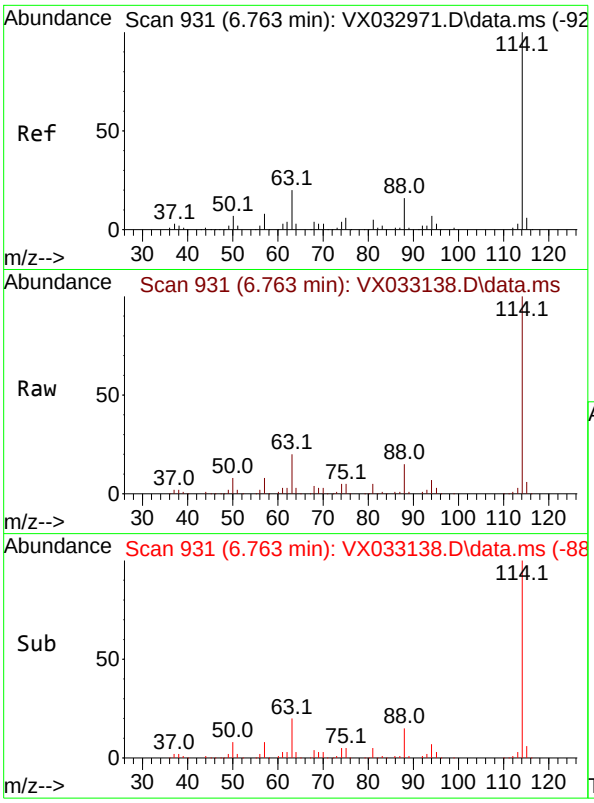


#33
1,2-Dichloroethane-d4
Concen: 54.823 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX033138.D
Acq: 30 Nov 2022 17:37

Tgt Ion: 65 Resp: 66831

Ion	Ratio	Lower	Upper
65	100		
67	50.6	0.0	101.8



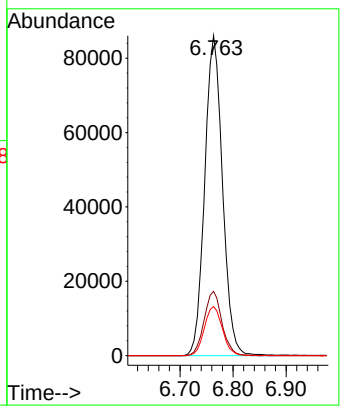


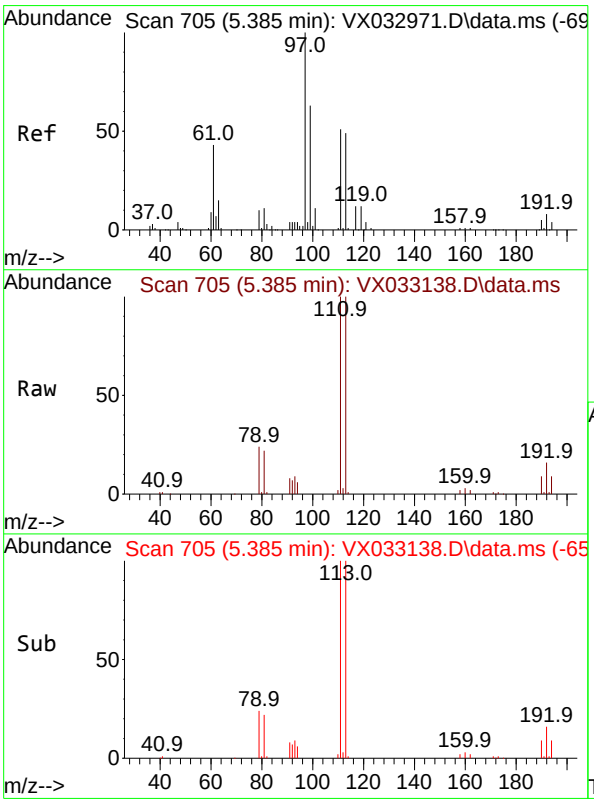
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 9
Delta R.T. 0.000 min
Lab File: VX033138.D
Acq: 30 Nov 2022 17:37

Instrument :
MSVOA_X
ClientSampleId :
MW-02

Tgt Ion:114 Resp: 200638

Ion	Ratio	Lower	Upper
114	100		
63	20.1	0.0	41.6
88	15.4	0.0	33.4

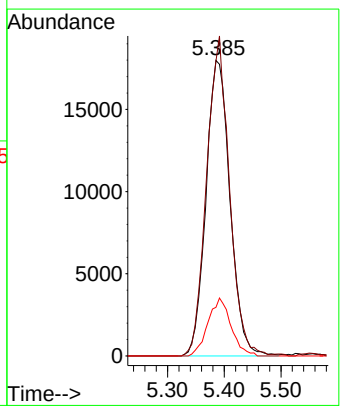


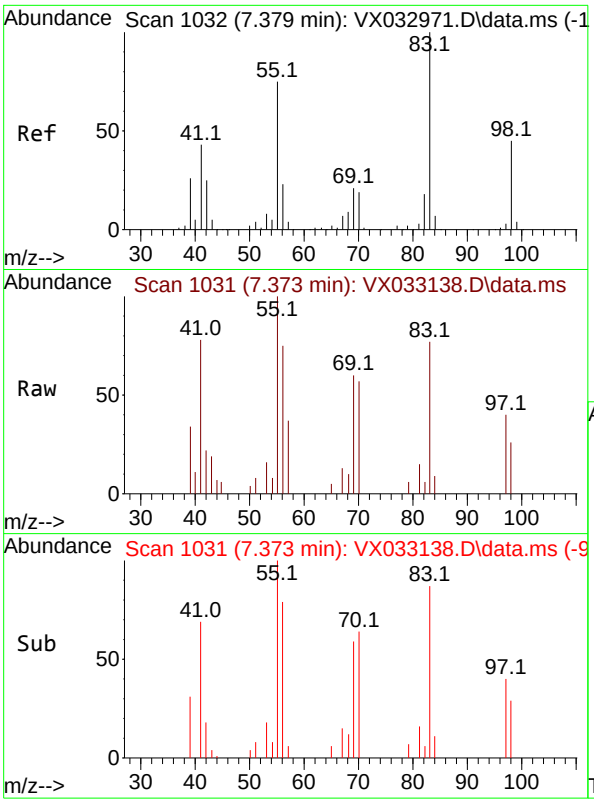


#35
Dibromofluoromethane
Concen: 46.805 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX033138.D
Acq: 30 Nov 2022 17:37

Tgt Ion:113 Resp: 52942

Ion	Ratio	Lower	Upper
113	100		
111	102.8	82.4	123.6
192	18.8	15.4	23.2



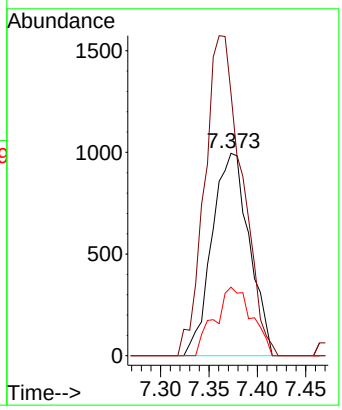


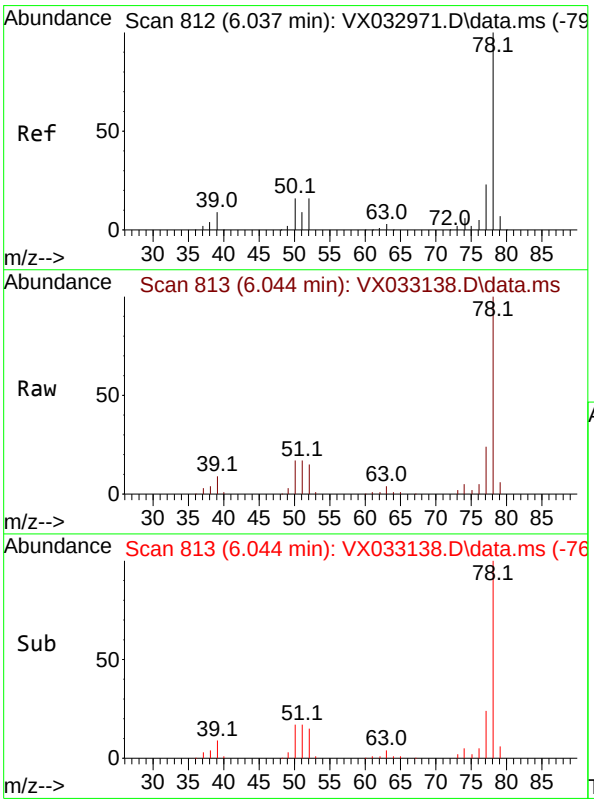
#39
Methylcyclohexane
Concen: 1.296 ug/l
RT: 7.373 min Scan# 1
Delta R.T. -0.012 min
Lab File: VX033138.D
Acq: 30 Nov 2022 17:37

Instrument :
MSVOA_X
ClientSampleId :
MW-02

Tgt Ion: 83 Resp: 2674

Ion	Ratio	Lower	Upper
83	100		
55	129.5	58.4	87.6#
98	33.8	37.2	55.8#

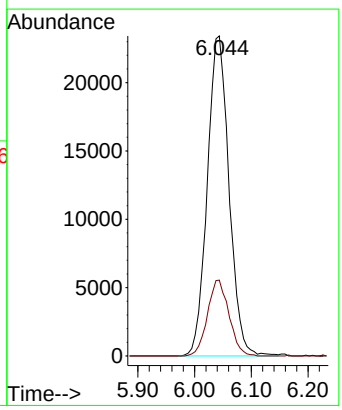


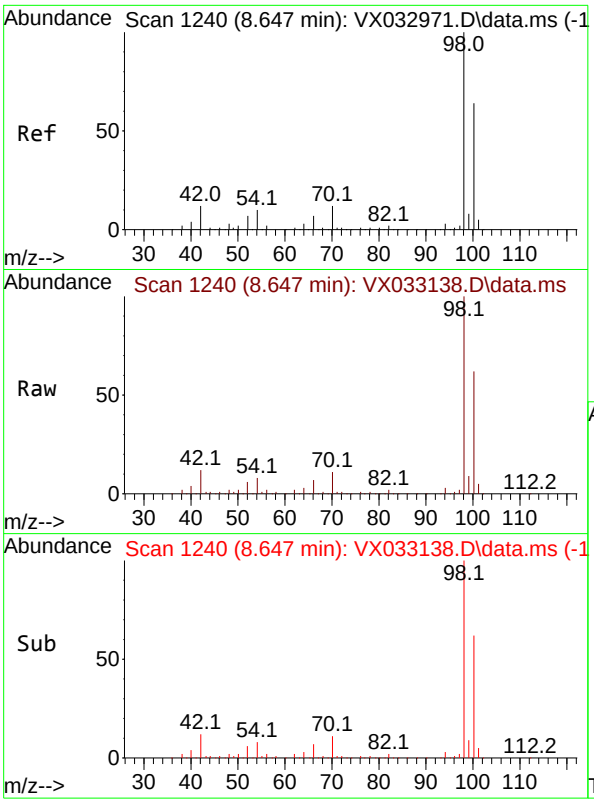


#40
Benzene
Concen: 12.309 ug/l
RT: 6.044 min Scan# 813
Delta R.T. 0.007 min
Lab File: VX033138.D
Acq: 30 Nov 2022 17:37

Tgt Ion: 78 Resp: 62419

Ion	Ratio	Lower	Upper
78	100		
77	23.7	19.0	28.4



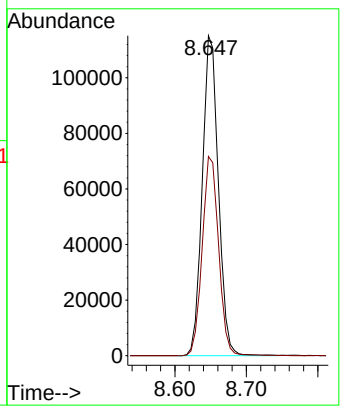


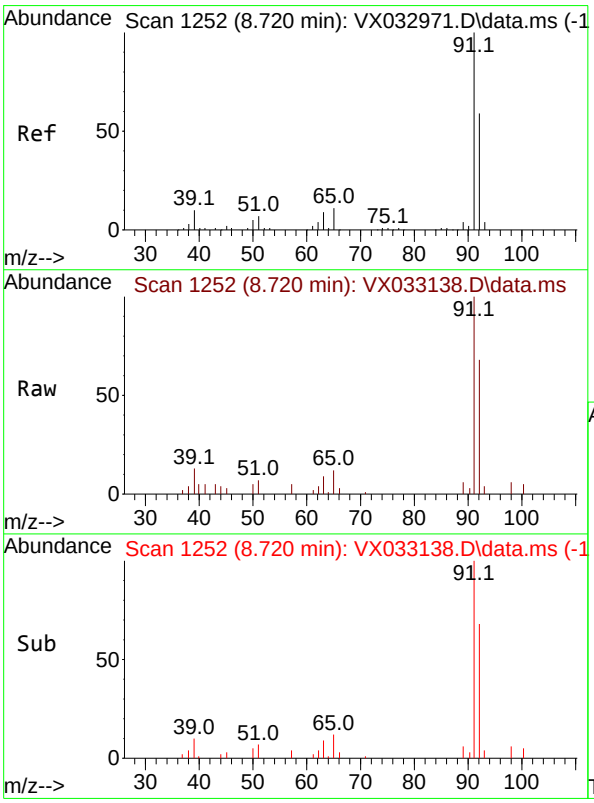
#50
Toluene-d8
Concen: 52.915 ug/l
RT: 8.647 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX033138.D
Acq: 30 Nov 2022 17:37

Instrument :
MSVOA_X
ClientSampleId :
MW-02

Tgt Ion: 98 Resp: 179661

Ion	Ratio	Lower	Upper
98	100		
100	63.6	50.9	76.3

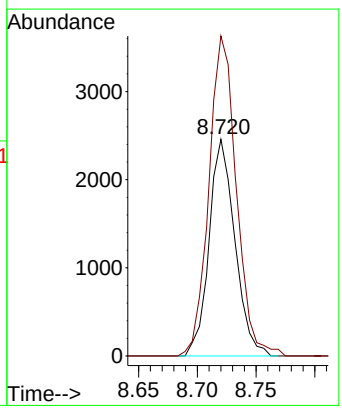


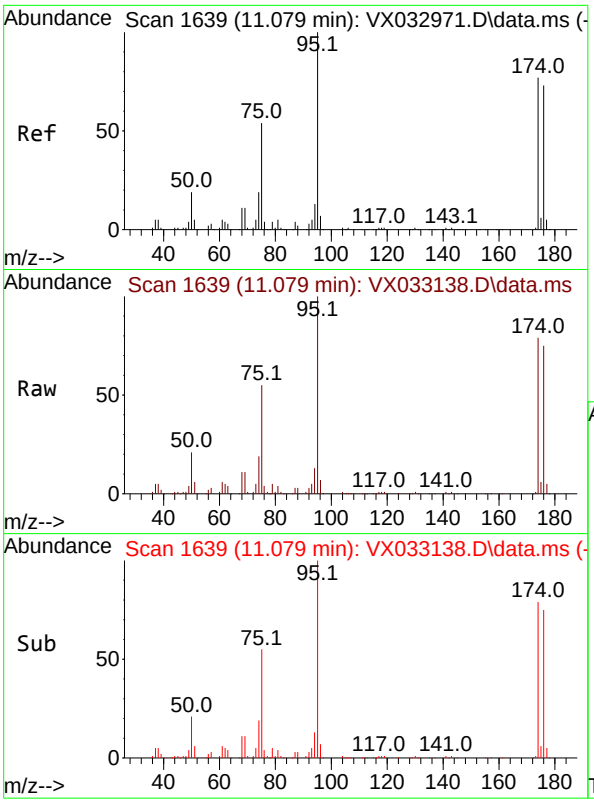


#52
Toluene
Concen: 1.128 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX033138.D
Acq: 30 Nov 2022 17:37

Tgt Ion: 92 Resp: 3762

Ion	Ratio	Lower	Upper
92	100		
91	157.0	138.3	207.5



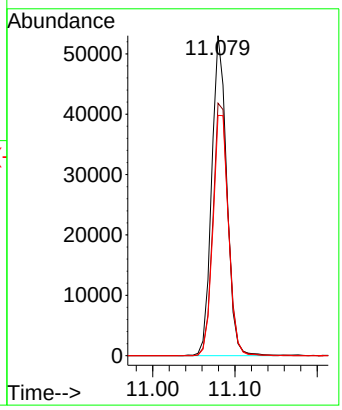


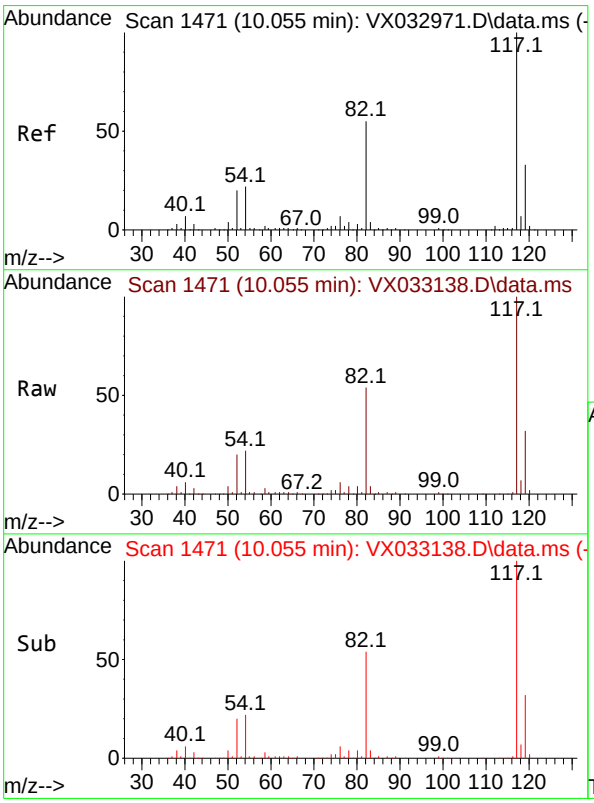
#62
4-Bromofluorobenzene
Concen: 45.437 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX033138.D
Acq: 30 Nov 2022 17:37

Instrument :
MSVOA_X
ClientSampleId :
MW-02

Tgt Ion: 95 Resp: 67513

Ion	Ratio	Lower	Upper
95	100		
174	81.2	0.0	164.0
176	77.7	0.0	154.4

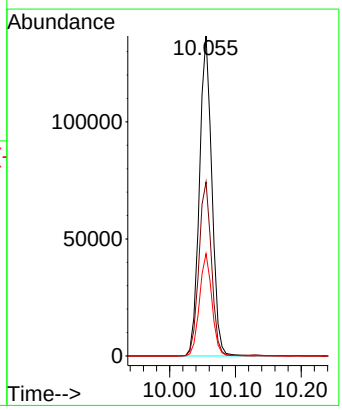


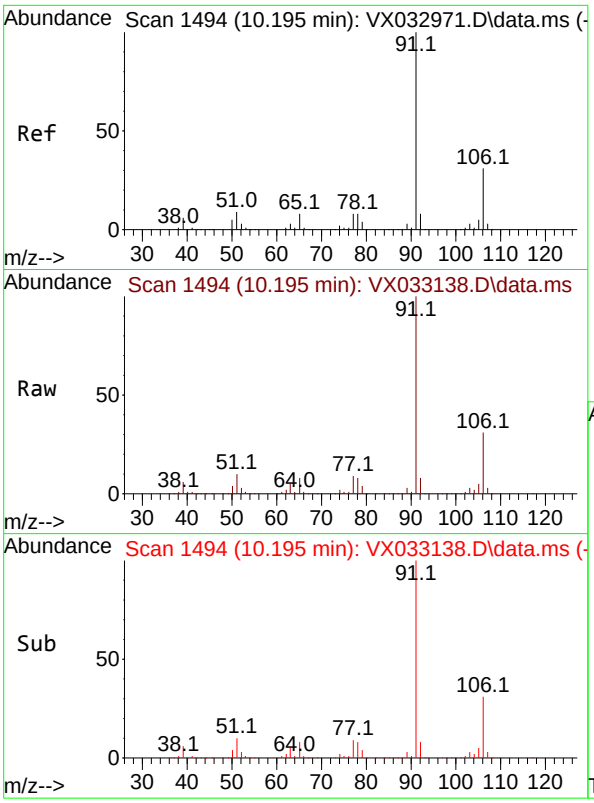


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX033138.D
Acq: 30 Nov 2022 17:37

Tgt Ion:117 Resp: 179266

Ion	Ratio	Lower	Upper
117	100		
82	54.4	44.3	66.5
119	32.0	25.7	38.5



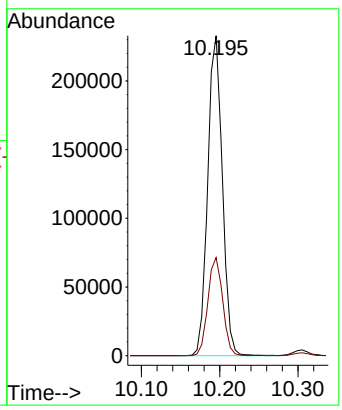


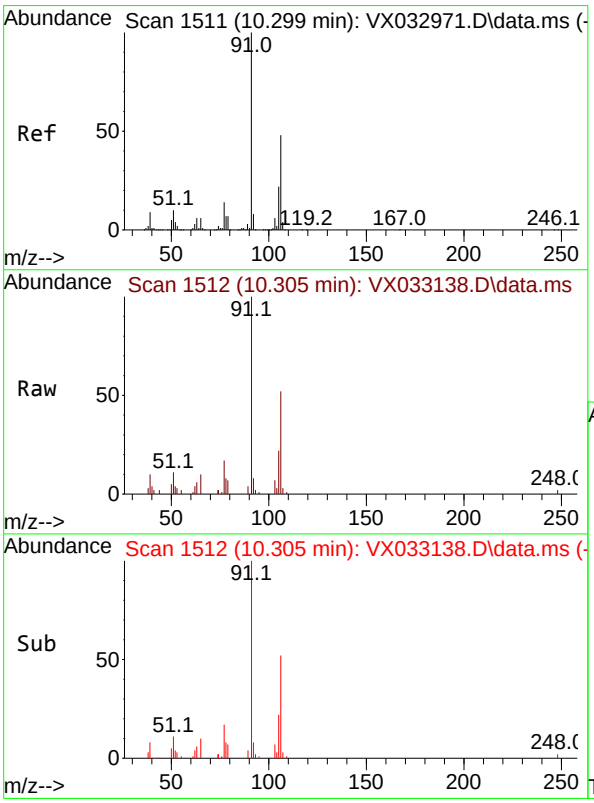
#67
Ethyl Benzene
Concen: 47.475 ug/l
RT: 10.195 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX033138.D
Acq: 30 Nov 2022 17:37

Instrument :
MSVOA_X
ClientSampleId :
MW-02

Tgt Ion: 91 Resp: 300990

Ion	Ratio	Lower	Upper
91	100		
106	30.7	25.0	37.6

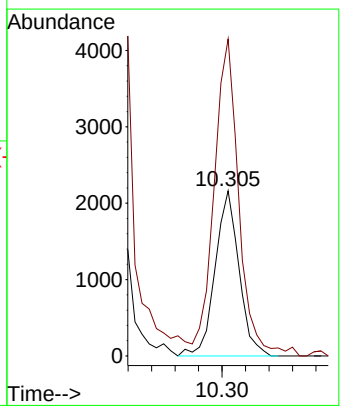


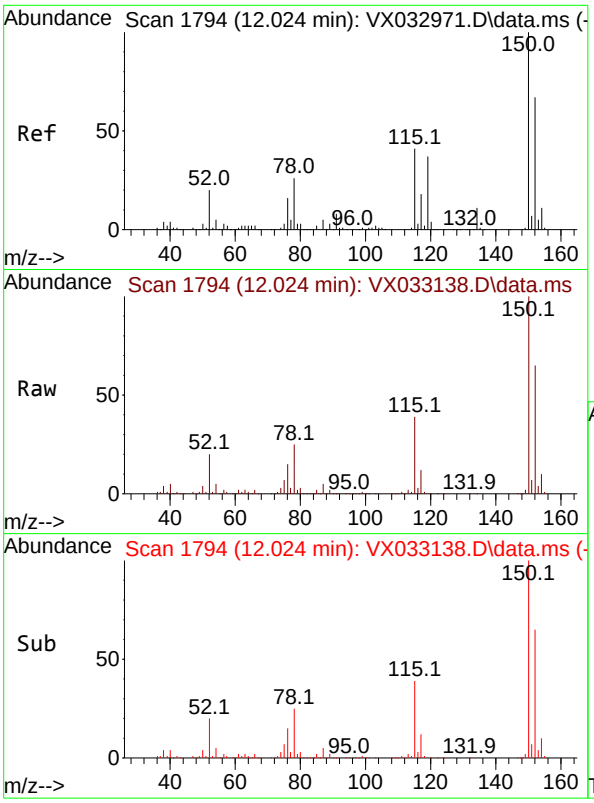


#68
m/p-Xylenes
Concen: 1.229 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX033138.D
Acq: 30 Nov 2022 17:37

Tgt Ion:106 Resp: 3052

Ion	Ratio	Lower	Upper
106	100		
91	0.0	164.5	246.7#



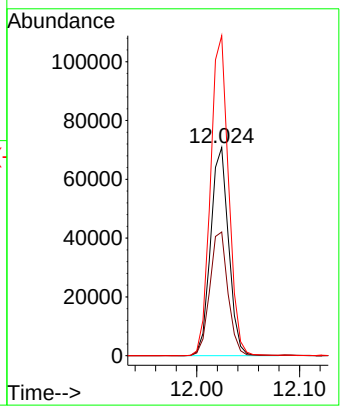


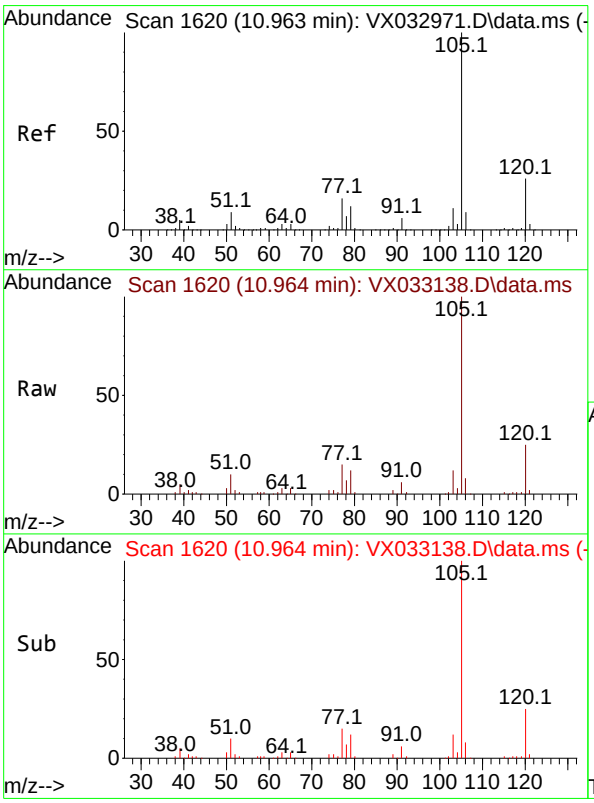
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX033138.D
Acq: 30 Nov 2022 17:37

Instrument :
MSVOA_X
ClientSampleId :
MW-02

Tgt Ion:152 Resp: 85988

Ion	Ratio	Lower	Upper
152	100		
115	60.3	44.0	132.0
150	154.9	0.0	351.8

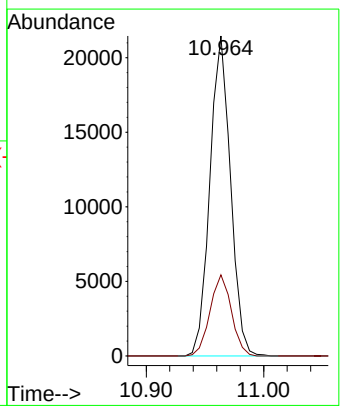


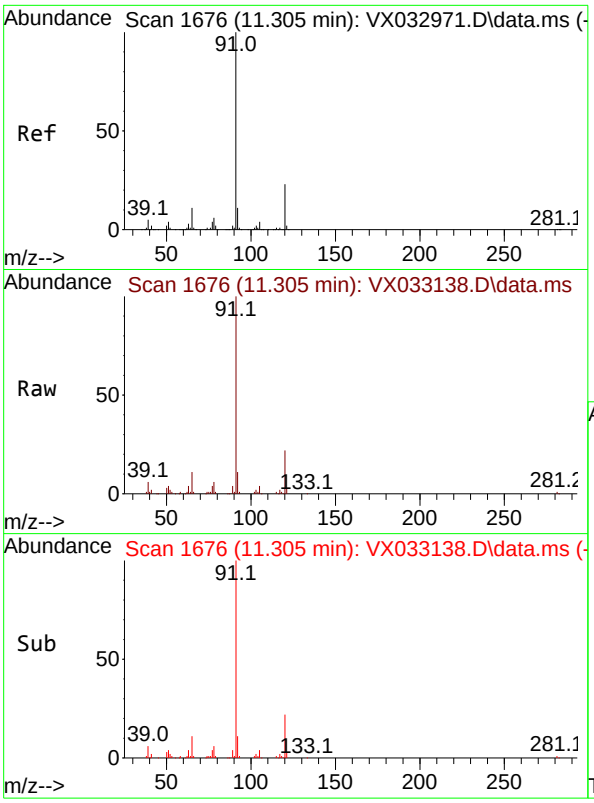


#73
Isopropylbenzene
Concen: 4.247 ug/l
RT: 10.964 min Scan# 1620
Delta R.T. 0.001 min
Lab File: VX033138.D
Acq: 30 Nov 2022 17:37

Tgt Ion:105 Resp: 26096

Ion	Ratio	Lower	Upper
105	100		
120	26.3	13.1	39.3



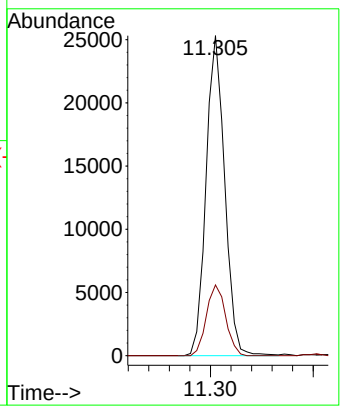


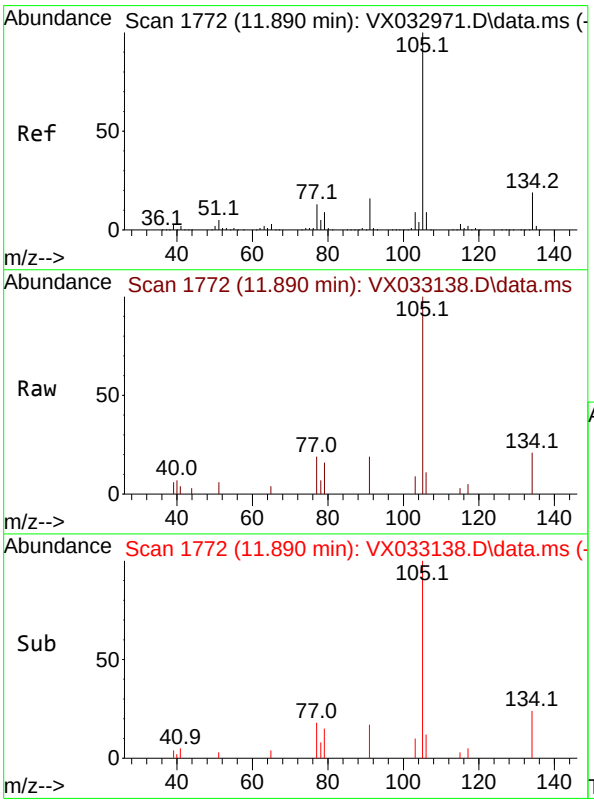
#78
n-propylbenzene
Concen: 4.527 ug/l
RT: 11.305 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX033138.D
Acq: 30 Nov 2022 17:37

Instrument :
MSVOA_X
ClientSampleId :
MW-02

Tgt Ion: 91 Resp: 31802

Ion	Ratio	Lower	Upper
91	100		
120	22.9	11.6	34.8

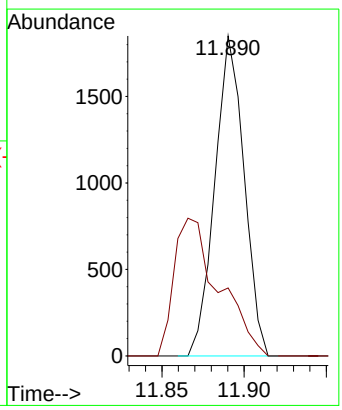


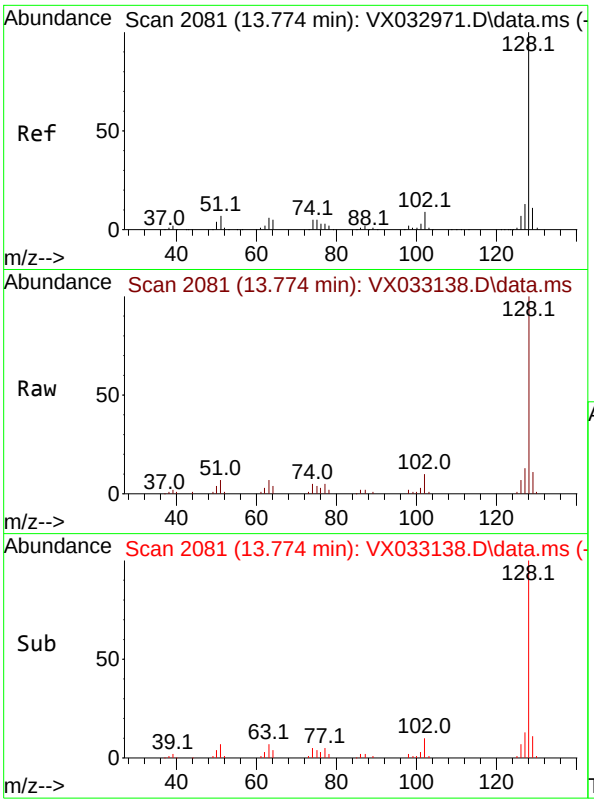


#85
sec-Butylbenzene
Concen: 0.372 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VX033138.D
Acq: 30 Nov 2022 17:37

Tgt Ion:105 Resp: 2284

Ion	Ratio	Lower	Upper
105	100		
134	0.0	9.9	29.7#





#95
Naphthalene
Concen: 4.105 ug/l
RT: 13.774 min Scan# 2
Delta R.T. -0.006 min
Lab File: VX033138.D
Acq: 30 Nov 2022 17:37

Instrument :
MSVOA_X
ClientSampleId :
MW-02

Tgt Ion:128 Resp: 22571

Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.2	15.4
129	11.7	8.9	13.3