Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120622\
Data File : VX033260.D
Acq On : 06 Dec 2022 15:31
Operator : JC/MD
Sample : N5875-01DL 100X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-36DL

Quant Time: Dec 07 01:32:51 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	5.550	168	142610	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	225133	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	196898	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	90857	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	75955	54.807	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 109.620%			
35) Dibromofluoromethane	5.385	113	67944	53.532	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 107.060%			
50) Toluene-d8	8.647	98	187502	49.059	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 98.120%			
62) 4-Bromofluorobenzene	11.079	95	82601	49.543	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 99.080%			
Target Compounds						Qvalue
11) Tert butyl alcohol	2.989	59	16782	76.229	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	23261	5.389	ug/l	97
39) Methylcyclohexane	7.379	83	696	0.301	ug/l #	77
40) Benzene	6.038	78	1995	0.351	ug/l #	76
67) Ethyl Benzene	10.195	91	18171	2.609	ug/l	99
68) m/p-Xylenes	10.305	106	10763	3.947	ug/l	99
69) o-Xylene	10.646	106	1424	0.540	ug/l	100
73) Isopropylbenzene	10.963	105	2333	0.359	ug/l	94
78) n-propylbenzene	11.305	91	3893	0.524	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	4073	0.747	ug/l	98
84) 1,2,4-Trimethylbenzene	11.756	105	12741	2.343	ug/l	98

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

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ClientSampleId :
MW-36DL

Quant Time: Dec 07 01:32:51 2022
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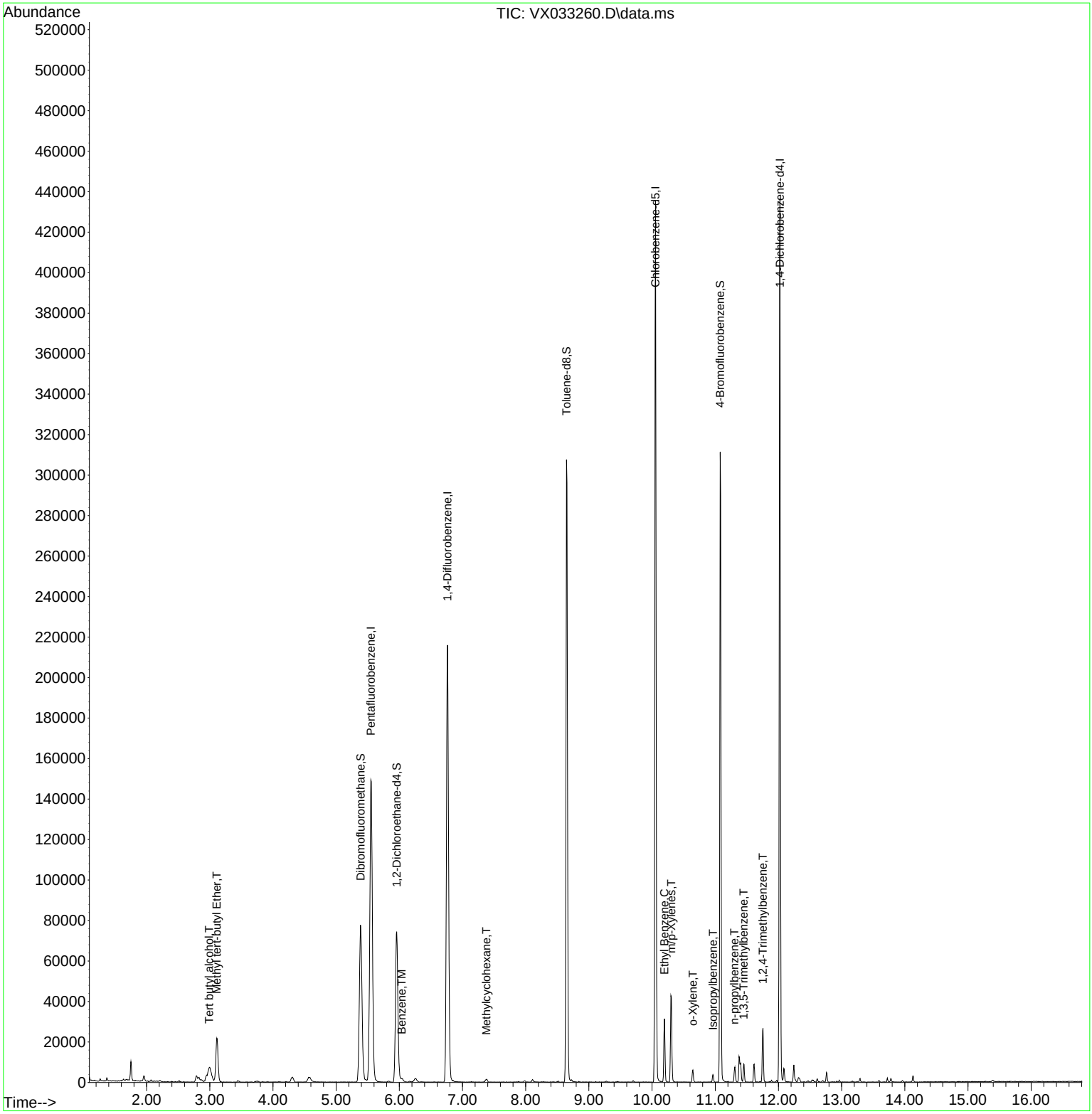
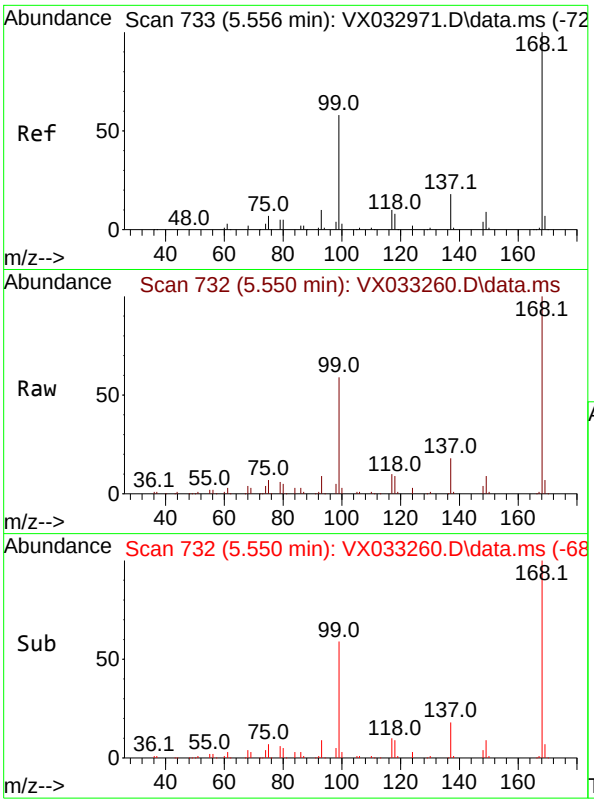


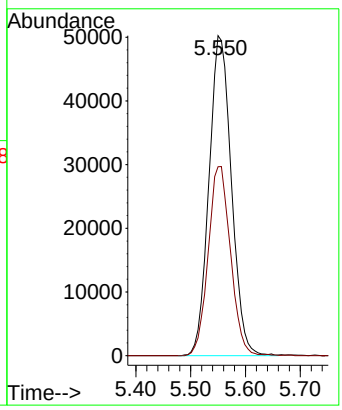


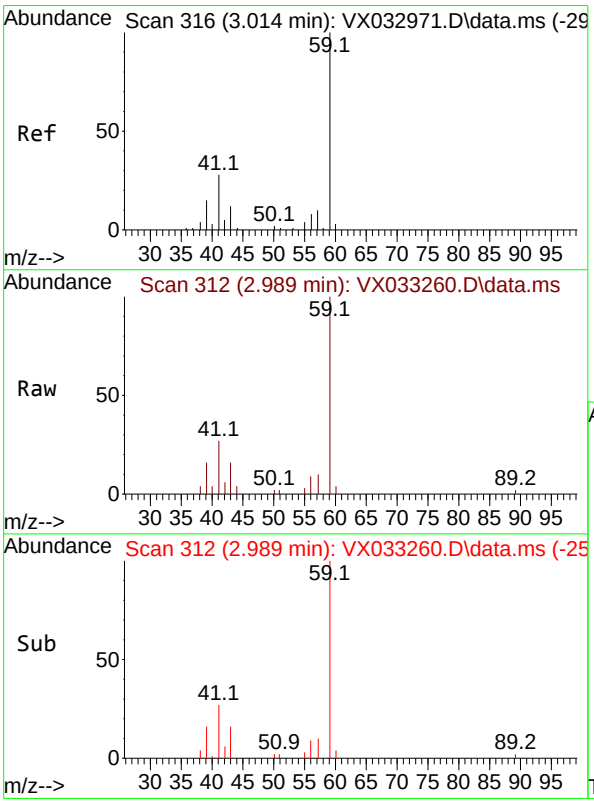
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX033260.D
Acq: 06 Dec 2022 15:31

Instrument :
MSVOA_X
ClientSampleId :
MW-36DL

Tgt Ion:168 Resp: 142610

Ion	Ratio	Lower	Upper
168	100		
99	59.1	46.1	69.1

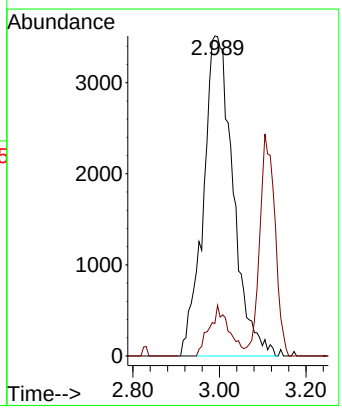


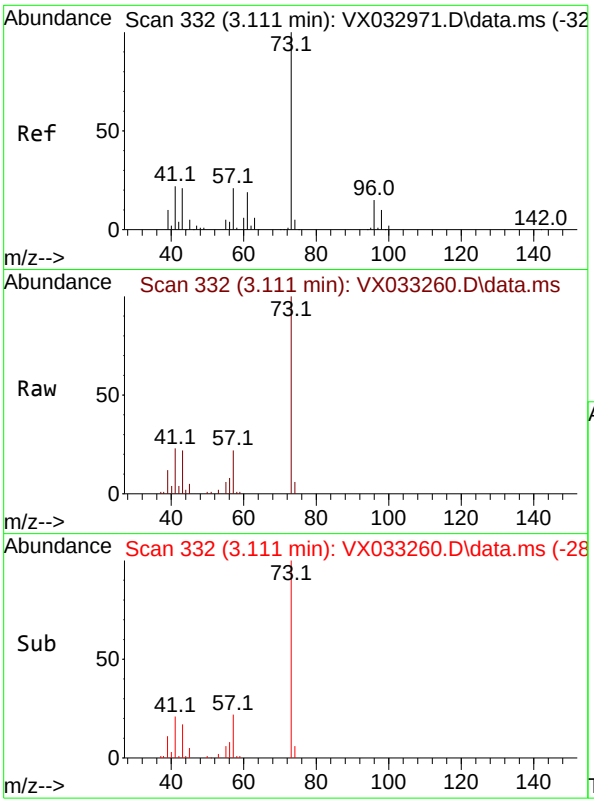


#11
Tert butyl alcohol
Concen: 76.229 ug/l
RT: 2.989 min Scan# 312
Delta R.T. 0.024 min
Lab File: VX033260.D
Acq: 06 Dec 2022 15:31

Tgt Ion: 59 Resp: 16782

Ion	Ratio	Lower	Upper
59	100		
57	10.5	8.2	12.4



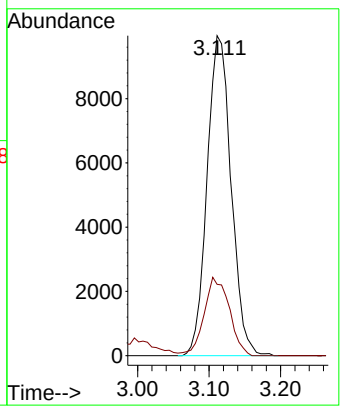


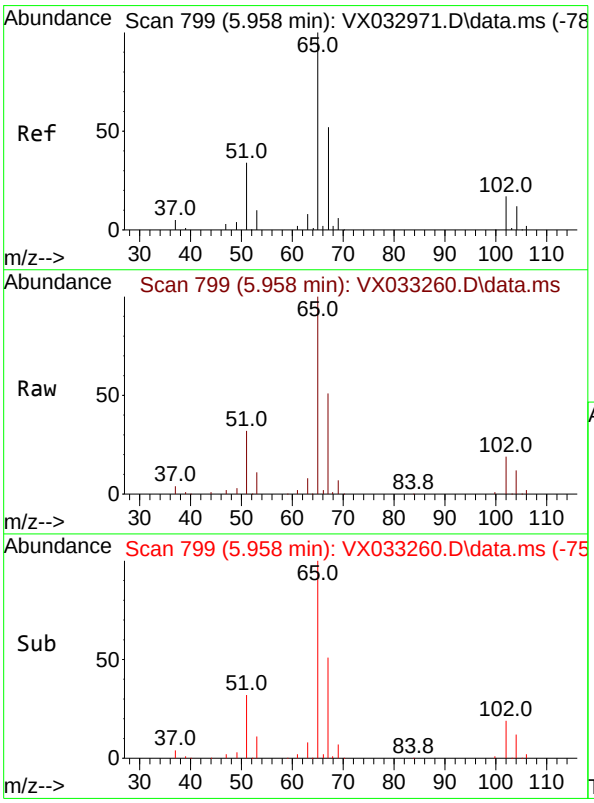
#19
Methyl tert-butyl Ether
Concen: 5.389 ug/l
RT: 3.111 min Scan# 3
Delta R.T. 0.000 min
Lab File: VX033260.D
Acq: 06 Dec 2022 15:31

Instrument :
MSVOA_X
ClientSampleId :
MW-36DL

Tgt Ion: 73 Resp: 23261

Ion	Ratio	Lower	Upper
73	100		
57	22.3	16.6	25.0

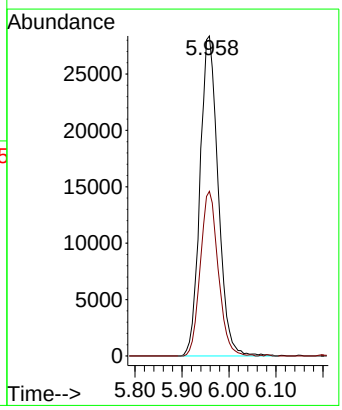


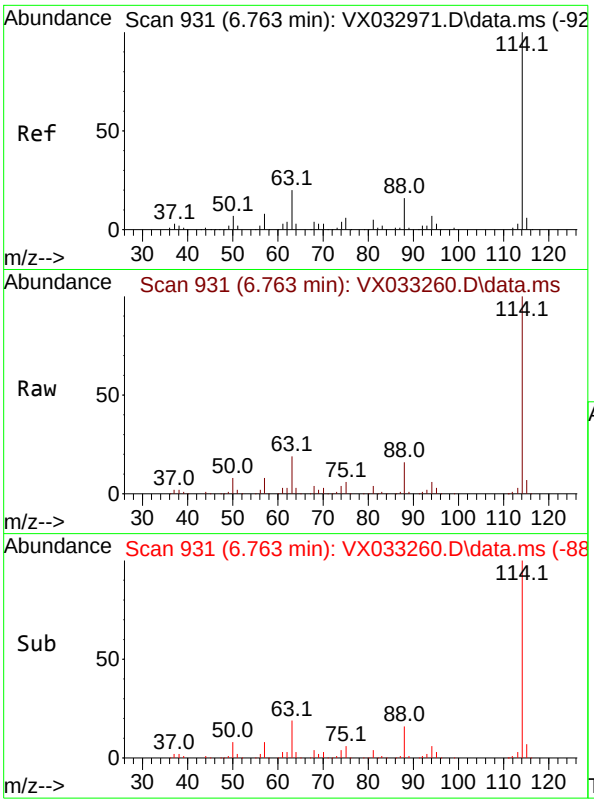


#33
1,2-Dichloroethane-d4
Concen: 54.807 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX033260.D
Acq: 06 Dec 2022 15:31

Tgt Ion: 65 Resp: 75955

Ion	Ratio	Lower	Upper
65	100		
67	50.8	0.0	101.8



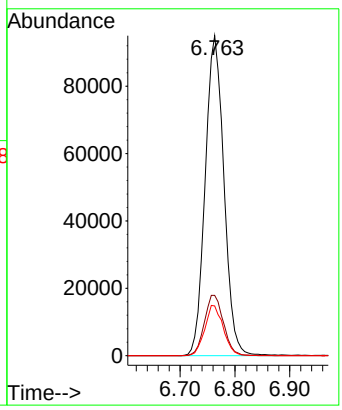


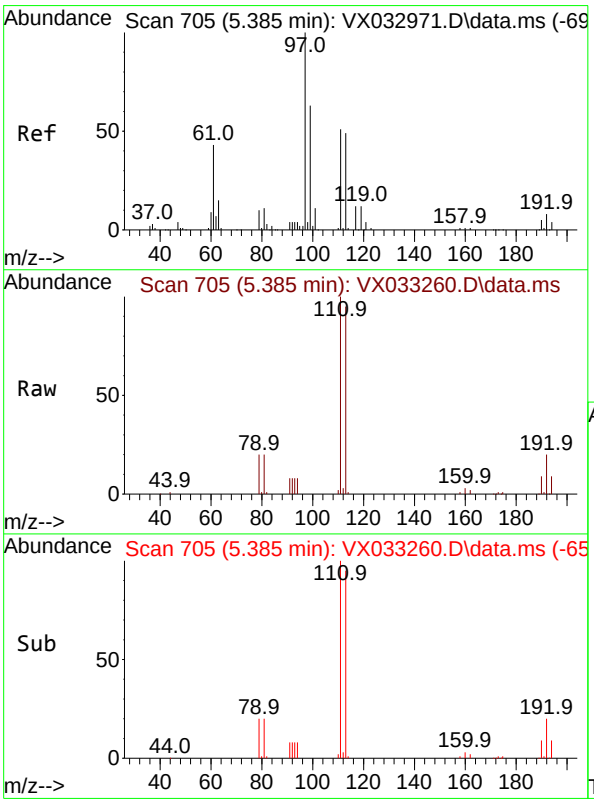
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 9
Delta R.T. -0.000 min
Lab File: VX033260.D
Acq: 06 Dec 2022 15:31

Instrument :
MSVOA_X
ClientSampleId :
MW-36DL

Tgt Ion:114 Resp: 225133

Ion	Ratio	Lower	Upper
114	100		
63	18.9	0.0	41.6
88	15.6	0.0	33.4

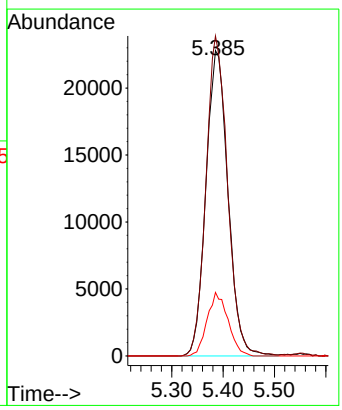


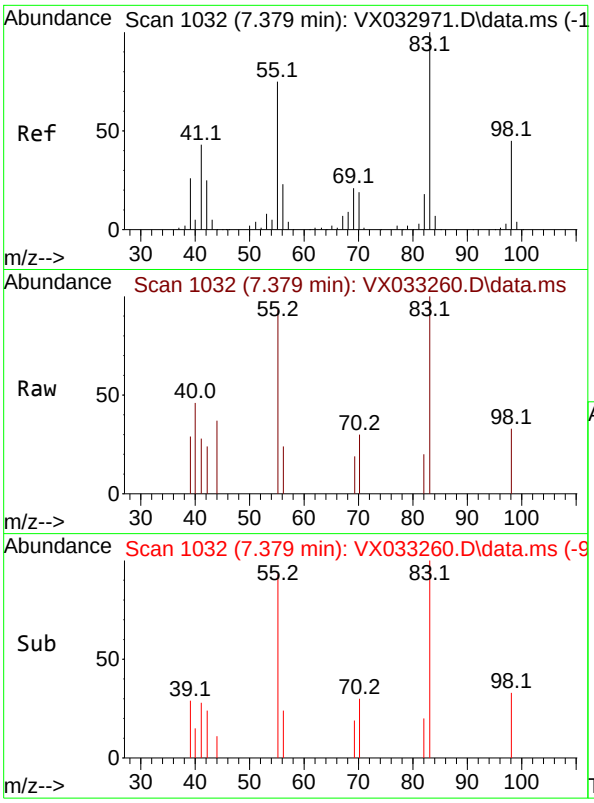


#35
Dibromofluoromethane
Concen: 53.532 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX033260.D
Acq: 06 Dec 2022 15:31

Tgt Ion:113 Resp: 67944

Ion	Ratio	Lower	Upper
113	100		
111	102.4	82.4	123.6
192	19.7	15.4	23.2



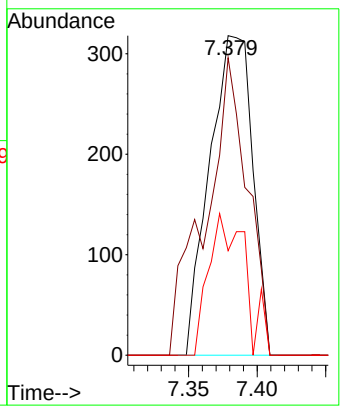


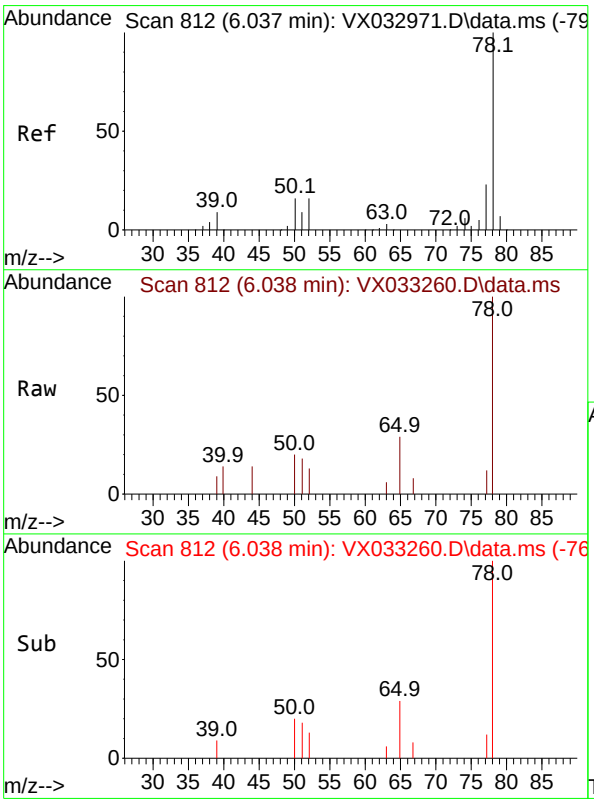
#39
Methylcyclohexane
Concen: 0.301 ug/l
RT: 7.379 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX033260.D
Acq: 06 Dec 2022 15:31

Instrument :
MSVOA_X
ClientSampleId :
MW-36DL

Tgt Ion: 83 Resp: 696

Ion	Ratio	Lower	Upper
83	100		
55	93.1	58.4	87.6#
98	32.7	37.2	55.8#

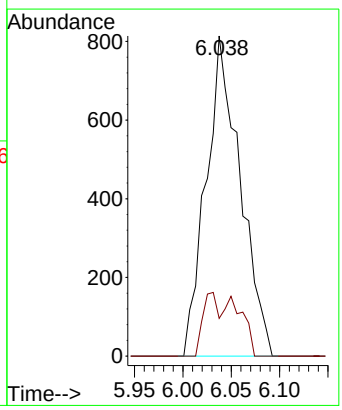


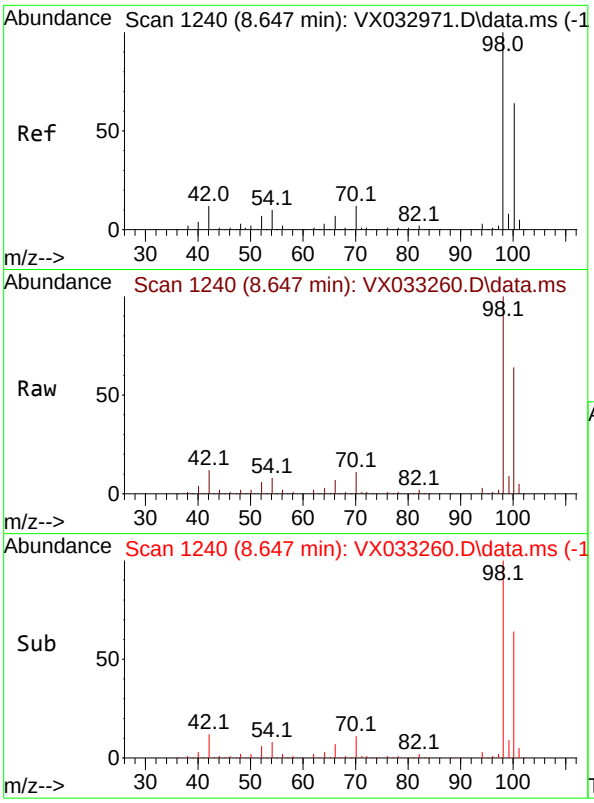


#40
Benzene
Concen: 0.351 ug/l
RT: 6.038 min Scan# 812
Delta R.T. 0.001 min
Lab File: VX033260.D
Acq: 06 Dec 2022 15:31

Tgt Ion: 78 Resp: 1995

Ion	Ratio	Lower	Upper
78	100		
77	11.8	19.0	28.4#



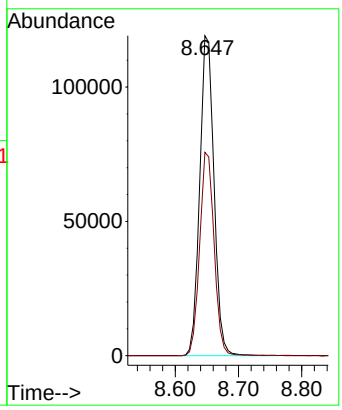


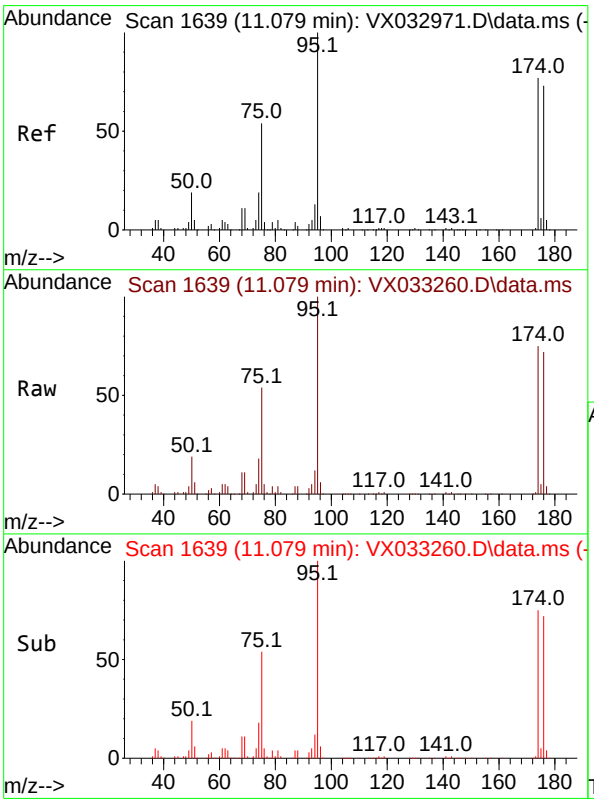
#50
Toluene-d8
Concen: 49.059 ug/l
RT: 8.647 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX033260.D
Acq: 06 Dec 2022 15:31

Instrument :
MSVOA_X
ClientSampleId :
MW-36DL

Tgt Ion: 98 Resp: 187502

Ion	Ratio	Lower	Upper
98	100		
100	64.3	50.9	76.3

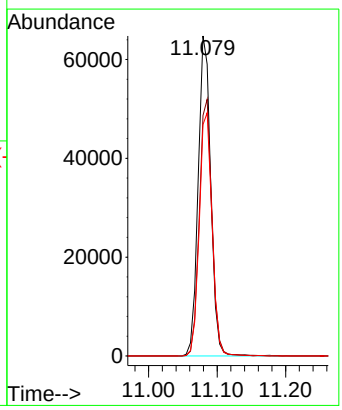


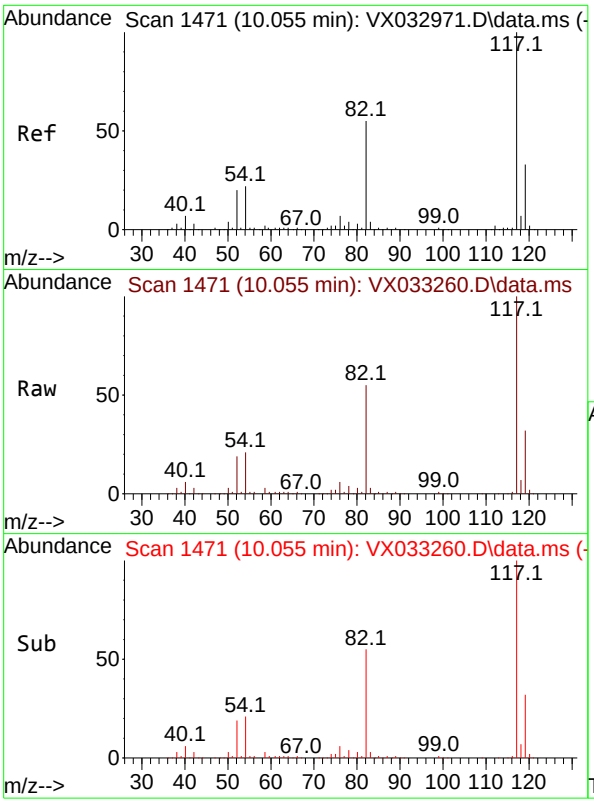


#62
4-Bromofluorobenzene
Concen: 49.543 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX033260.D
Acq: 06 Dec 2022 15:31

Tgt Ion: 95 Resp: 82601

Ion	Ratio	Lower	Upper
95	100		
174	81.5	0.0	164.0
176	77.8	0.0	154.4



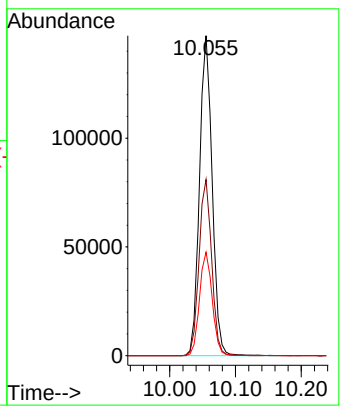


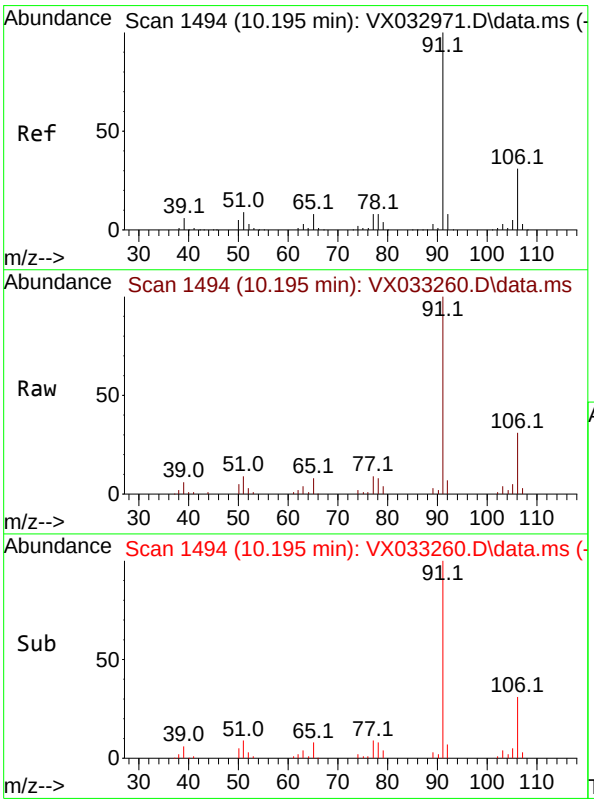
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX033260.D
Acq: 06 Dec 2022 15:31

Instrument :
MSVOA_X
ClientSampleId :
MW-36DL

Tgt Ion:117 Resp: 196898

Ion	Ratio	Lower	Upper
117	100		
82	55.1	44.3	66.5
119	32.4	25.7	38.5

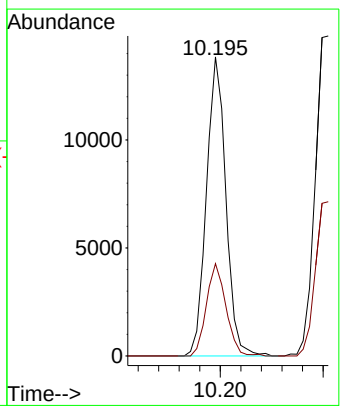


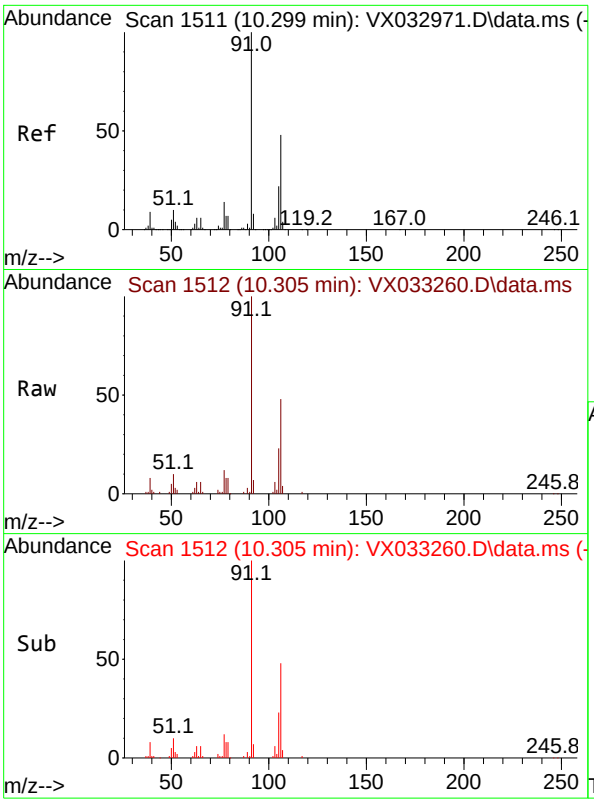


#67
Ethyl Benzene
Concen: 2.609 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX033260.D
Acq: 06 Dec 2022 15:31

Tgt Ion: 91 Resp: 18171

Ion	Ratio	Lower	Upper
91	100		
106	30.9	25.0	37.6



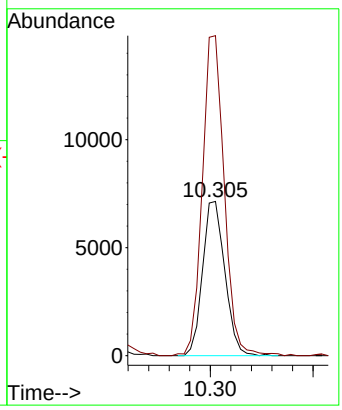


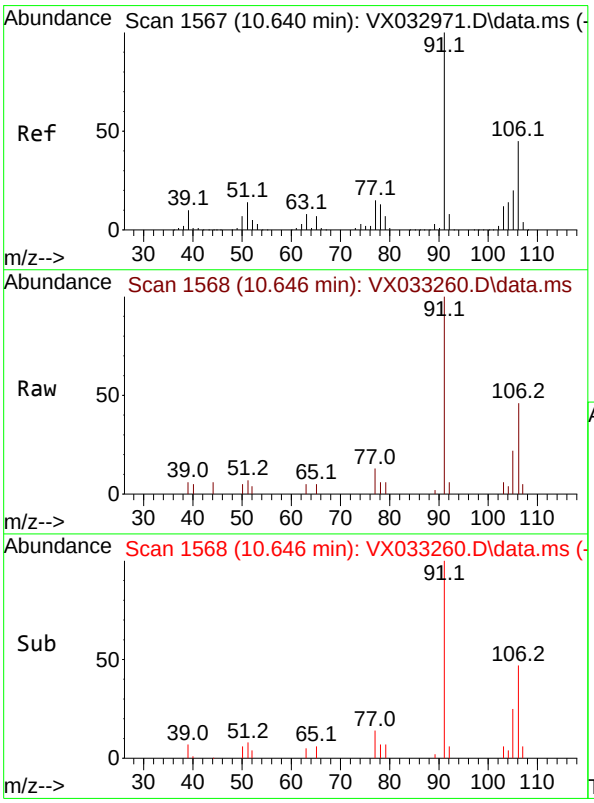
#68
m/p-Xylenes
Concen: 3.947 ug/l
RT: 10.305 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX033260.D
Acq: 06 Dec 2022 15:31

Instrument :
MSVOA_X
ClientSampleId :
MW-36DL

Tgt Ion:106 Resp: 10763

Ion	Ratio	Lower	Upper
106	100		
91	204.1	164.5	246.7

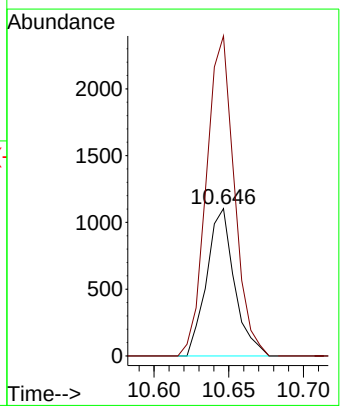


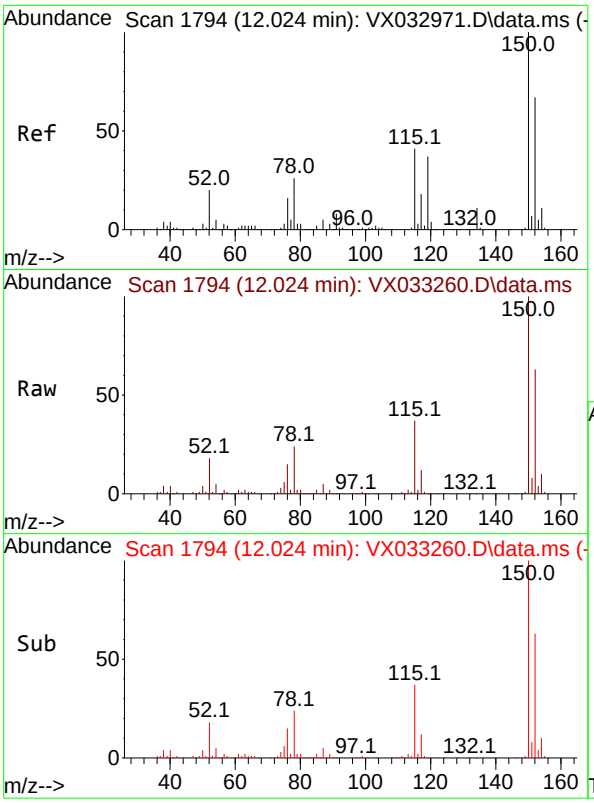


#69
o-Xylene
Concen: 0.540 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. 0.006 min
Lab File: VX033260.D
Acq: 06 Dec 2022 15:31

Tgt Ion:106 Resp: 1424

Ion	Ratio	Lower	Upper
106	100		
91	218.9	109.2	327.6



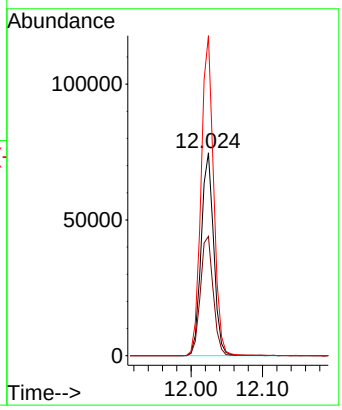


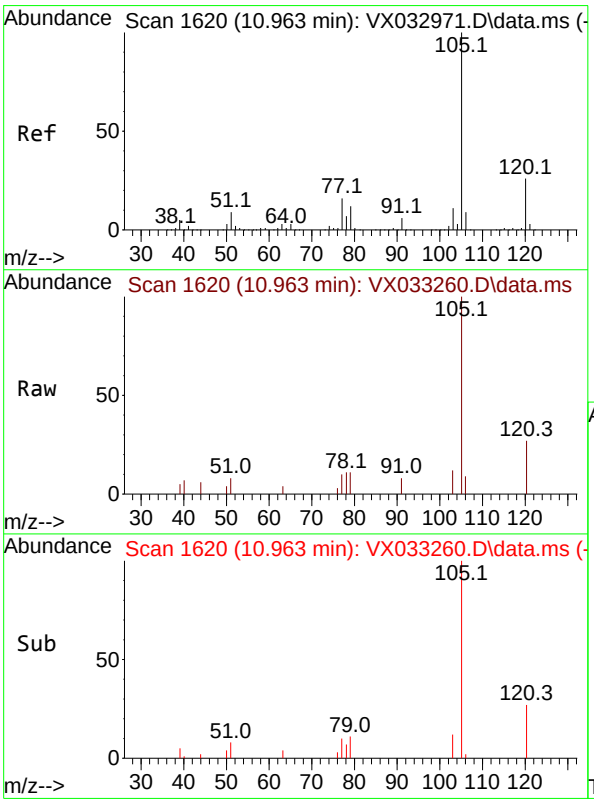
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX033260.D
Acq: 06 Dec 2022 15:31

Instrument :
MSVOA_X
ClientSampleId :
MW-36DL

Tgt Ion:152 Resp: 90857

Ion	Ratio	Lower	Upper
152	100		
115	60.6	44.0	132.0
150	157.1	0.0	351.8

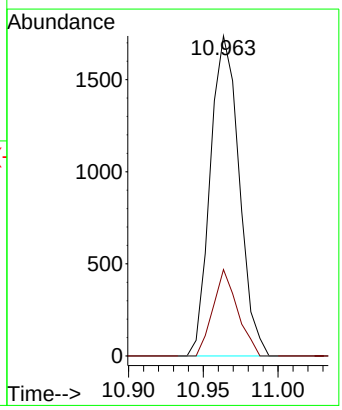


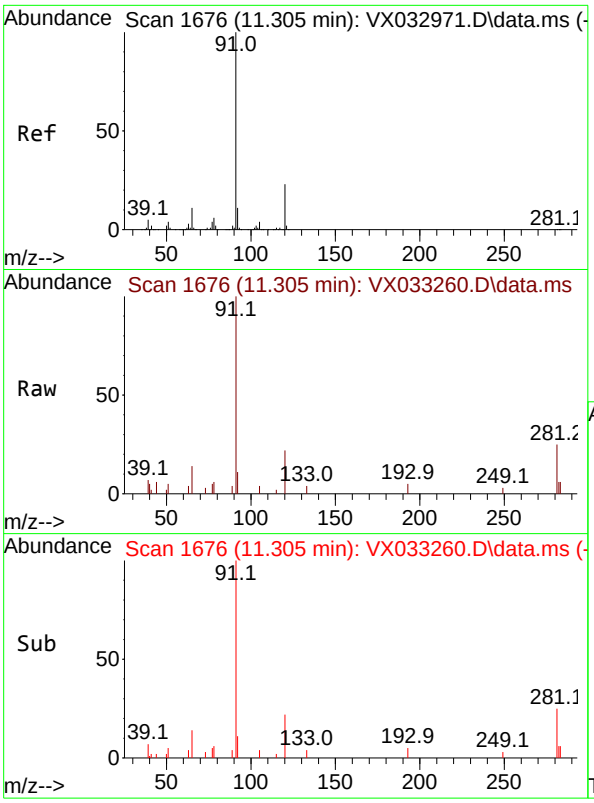


#73
Isopropylbenzene
Concen: 0.359 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX033260.D
Acq: 06 Dec 2022 15:31

Tgt Ion:105 Resp: 2333

Ion	Ratio	Lower	Upper
105	100		
120	23.0	13.1	39.3



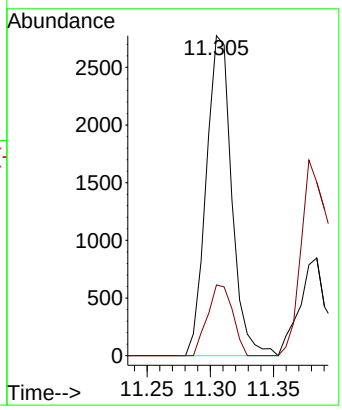


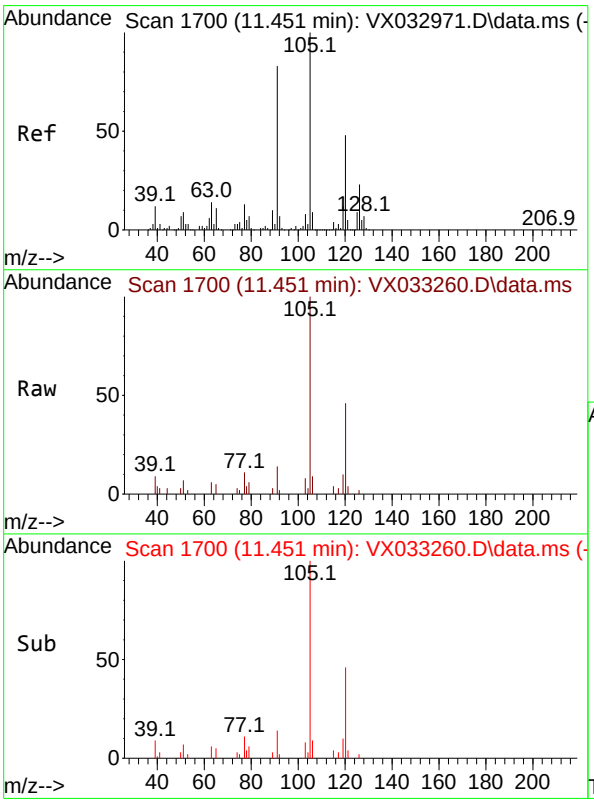
#78
n-propylbenzene
Concen: 0.524 ug/l
RT: 11.305 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX033260.D
Acq: 06 Dec 2022 15:31

Instrument :
MSVOA_X
ClientSampleId :
MW-36DL

Tgt Ion: 91 Resp: 3893

Ion	Ratio	Lower	Upper
91	100		
120	21.9	11.6	34.8

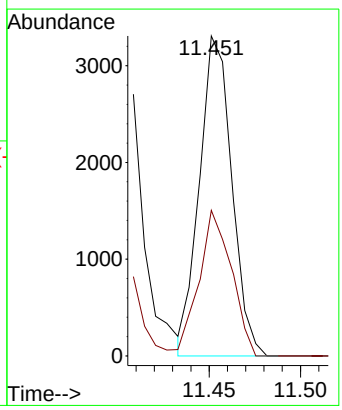


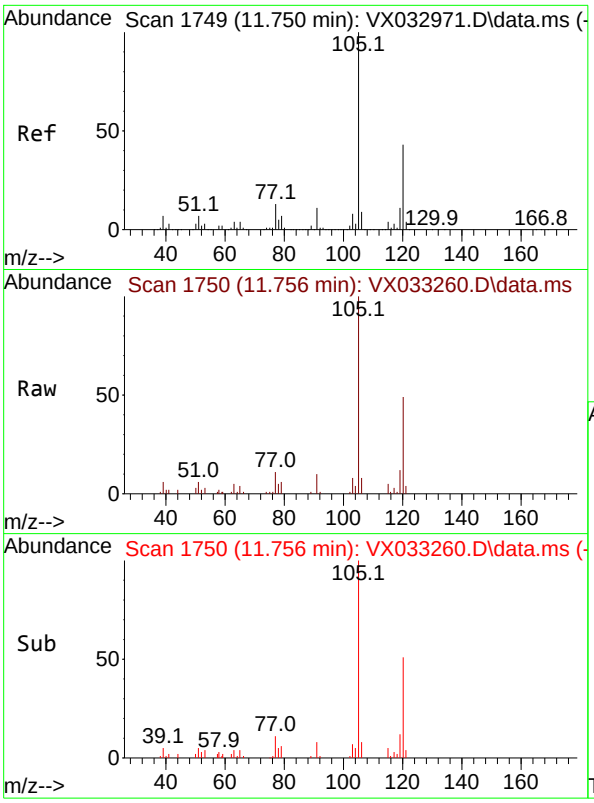


#80
1,3,5-Trimethylbenzene
Concen: 0.747 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX033260.D
Acq: 06 Dec 2022 15:31

Tgt Ion:105 Resp: 4073

Ion	Ratio	Lower	Upper
105	100		
120	46.1	23.6	71.0





#84
1,2,4-Trimethylbenzene
Concen: 2.343 ug/l
RT: 11.756 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX033260.D
Acq: 06 Dec 2022 15:31

Instrument :
MSVOA_X
ClientSampleId :
MW-36DL

Tgt Ion:105 Resp: 12741

Ion	Ratio	Lower	Upper
105	100		
120	44.7	21.9	65.5