Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120822\
Data File : VX033335.D
Acq On : 08 Dec 2022 19:45
Operator : JC/MD
Sample : N5890-05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
1826

Quant Time: Dec 09 00:54:52 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120722W.M
Quant Title : SW846 8260
QLast Update : Wed Dec 07 12:43:54 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.556	168	155630	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	248997	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	217858	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	98459	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	44467	44.537	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	89.080%		
35) Dibromofluoromethane	5.385	113	50232	44.852	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	89.700%		
50) Toluene-d8	8.647	98	109466	46.723	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	93.440%		
62) 4-Bromofluorobenzene	11.079	95	80829	45.121	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	90.240%		
Target Compounds						Qvalue
16) Acetone	2.386	43	11073	14.988	ug/l #	85
39) Methylcyclohexane	7.385	83	622	0.255	ug/l #	81
40) Benzene	6.050	78	2565	0.403	ug/l	99
52) Toluene	8.720	92	1445	0.351	ug/l	92
67) Ethyl Benzene	10.195	91	10168	1.323	ug/l	97
68) m/p-Xylenes	10.305	106	8215	2.747	ug/l	99
69) o-Xylene	10.646	106	2756	0.932	ug/l	96
78) n-propylbenzene	11.305	91	4136	0.519	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	4760	0.801	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	15610	2.632	ug/l	99

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

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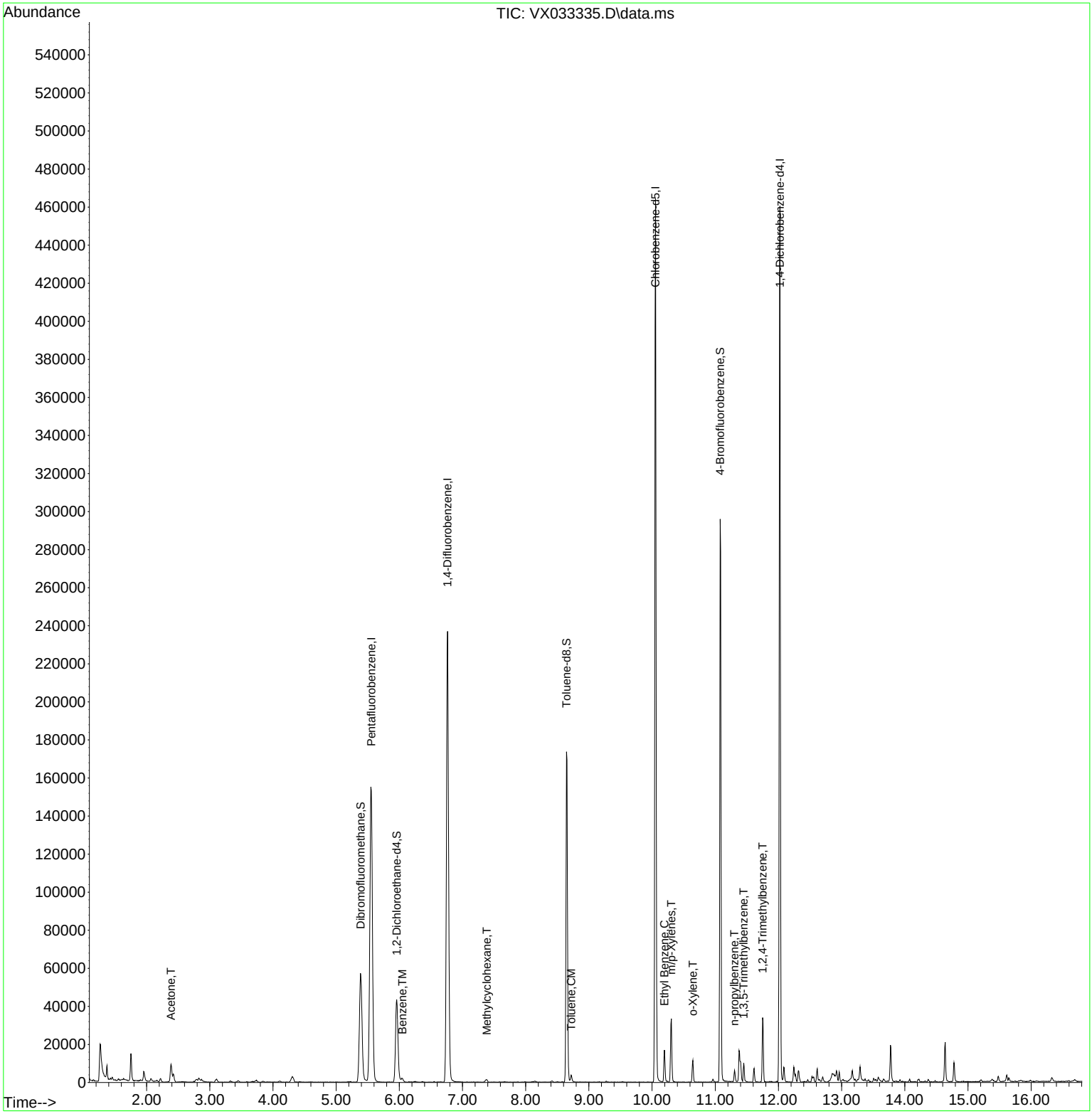
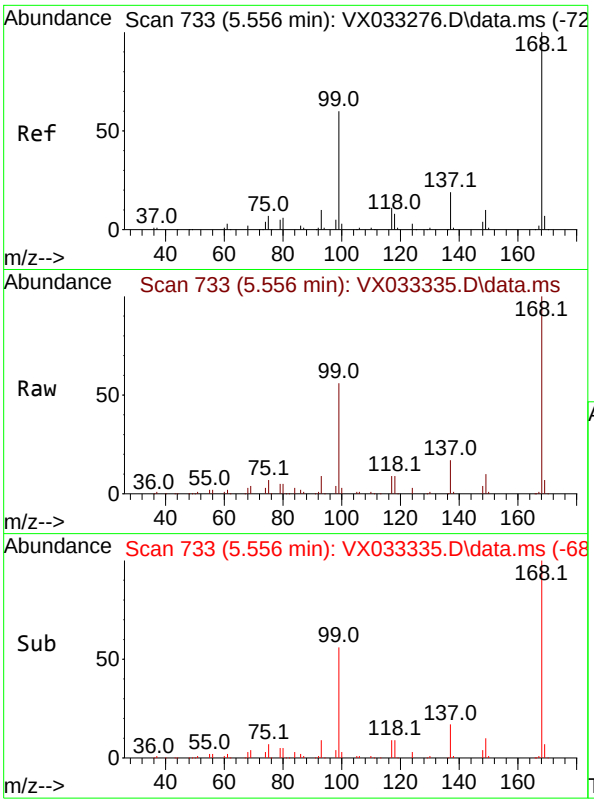


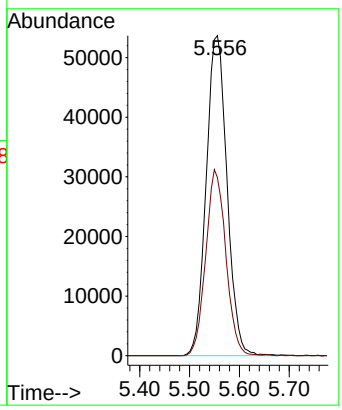


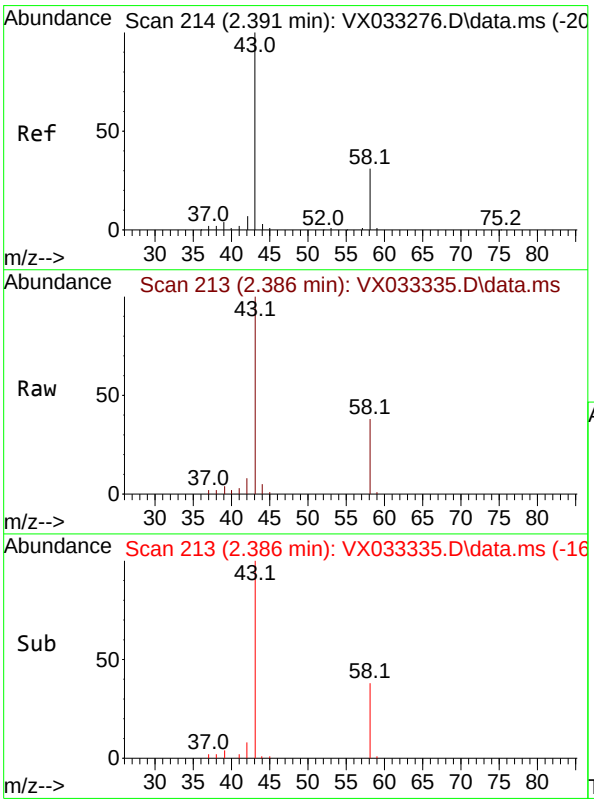
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX033335.D
Acq: 08 Dec 2022 19:45

Instrument :
MSVOA_X
ClientSampleId :
1826

Tgt Ion:168 Resp: 155630

Ion	Ratio	Lower	Upper
168	100		
99	55.7	46.1	69.1

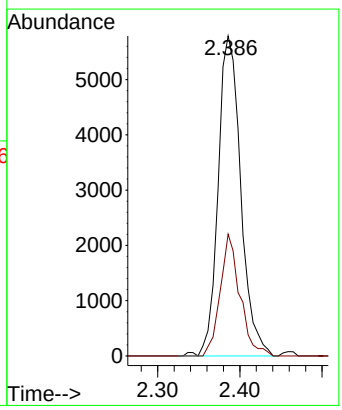


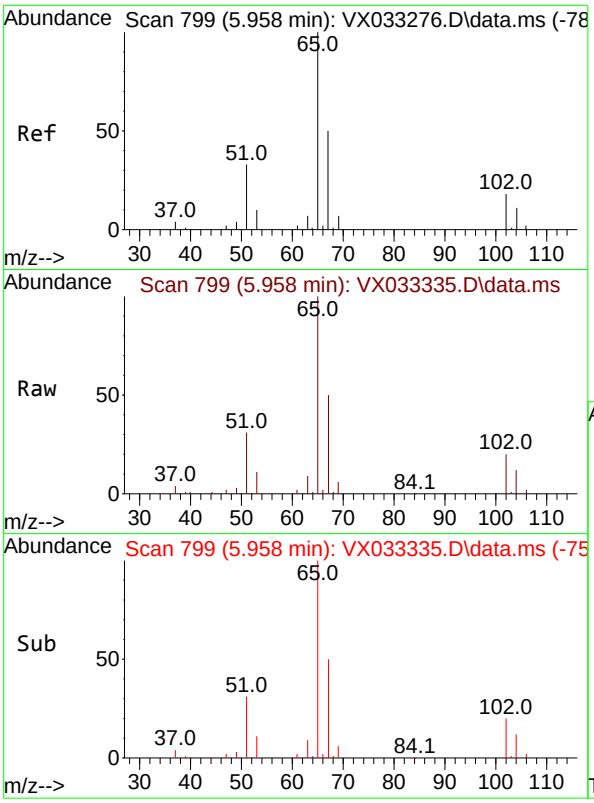


#16
Acetone
Concen: 14.988 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX033335.D
Acq: 08 Dec 2022 19:45

Tgt Ion: 43 Resp: 11073

Ion	Ratio	Lower	Upper
43	100		
58	38.1	23.8	35.8#



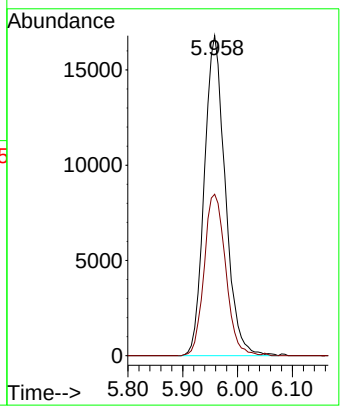


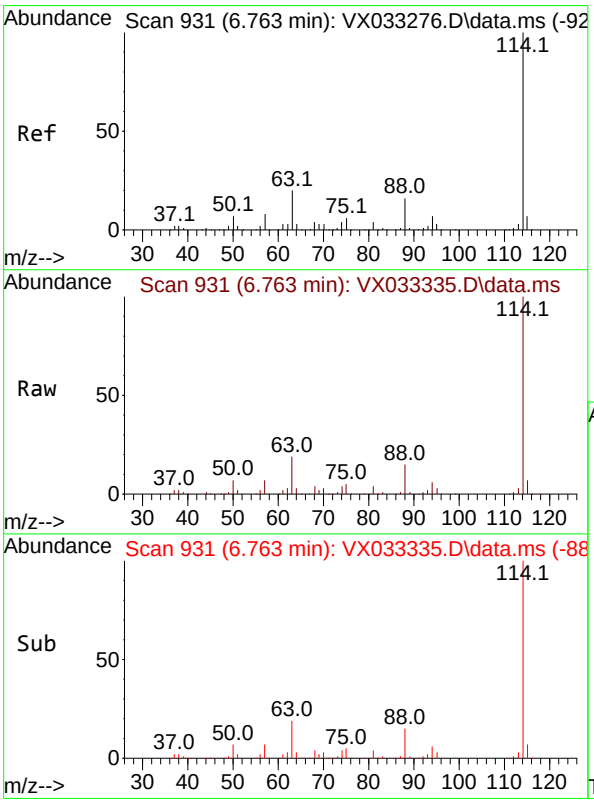
#33
1,2-Dichloroethane-d4
Concen: 44.537 ug/l
RT: 5.958 min Scan# 7
Delta R.T. 0.000 min
Lab File: VX033335.D
Acq: 08 Dec 2022 19:45

Instrument :
MSVOA_X
ClientSampleId :
1826

Tgt Ion: 65 Resp: 44467

Ion	Ratio	Lower	Upper
65	100		
67	51.9	0.0	101.8

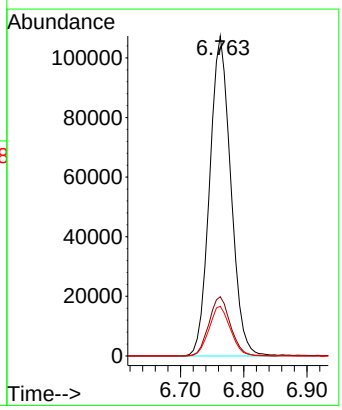


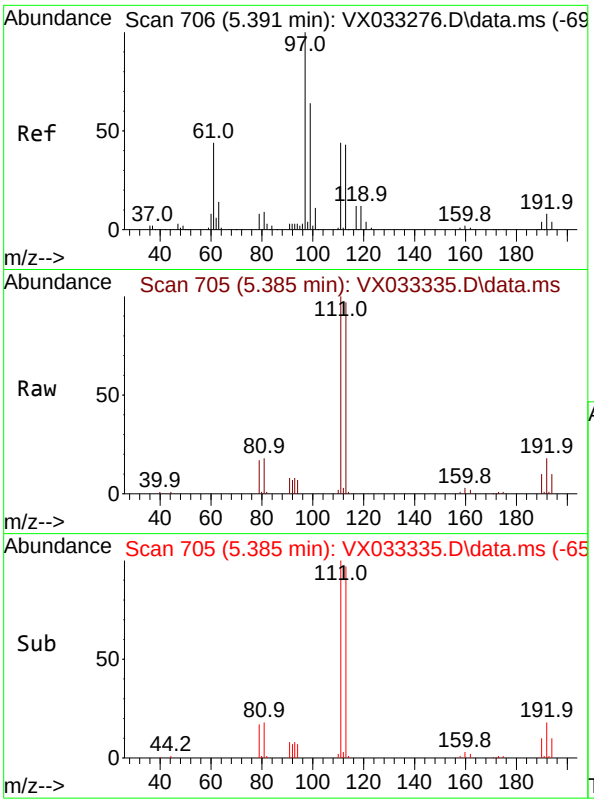


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. 0.000 min
Lab File: VX033335.D
Acq: 08 Dec 2022 19:45

Tgt Ion:114 Resp: 248997

Ion	Ratio	Lower	Upper
114	100		
63	18.5	0.0	41.6
88	15.5	0.0	33.4



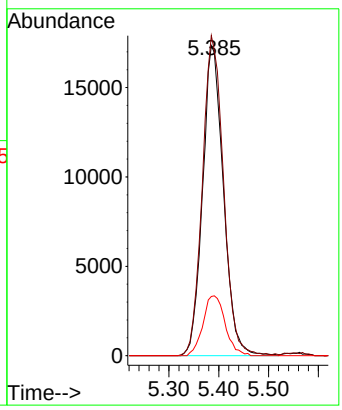


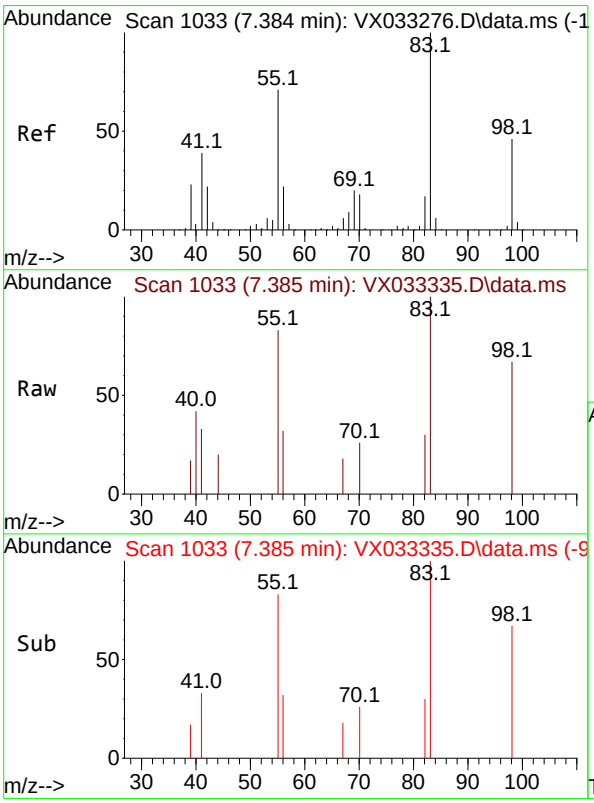
#35
Dibromofluoromethane
Concen: 44.852 ug/l
RT: 5.385 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX033335.D
Acq: 08 Dec 2022 19:45

Instrument :
MSVOA_X
ClientSampleId :
1826

Tgt Ion:113 Resp: 50232

Ion	Ratio	Lower	Upper
113	100		
111	104.9	82.4	123.6
192	20.6	15.4	23.2

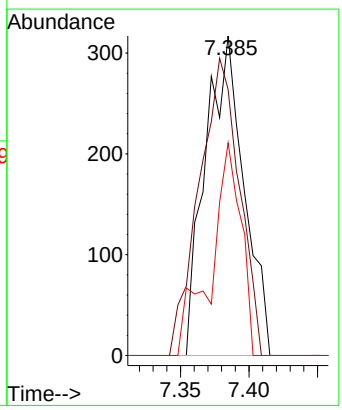


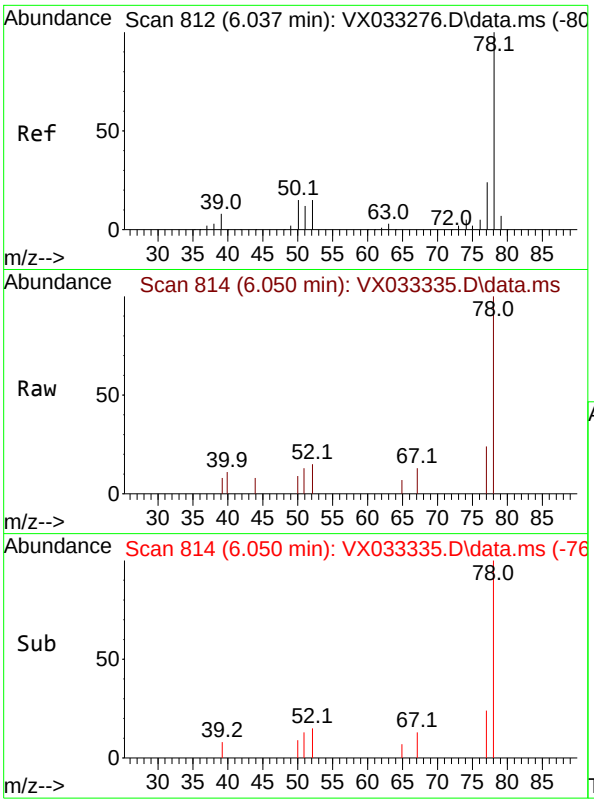


#39
Methylcyclohexane
Concen: 0.255 ug/l
RT: 7.385 min Scan# 1033
Delta R.T. 0.000 min
Lab File: VX033335.D
Acq: 08 Dec 2022 19:45

Tgt Ion: 83 Resp: 622

Ion	Ratio	Lower	Upper
83	100		
55	83.3	58.4	87.6
98	66.6	37.2	55.8#



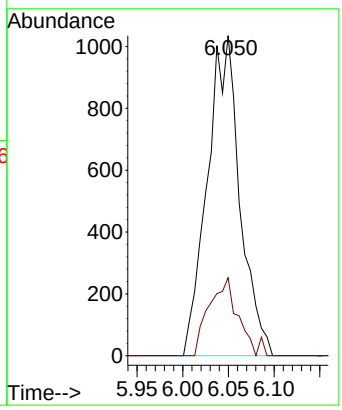


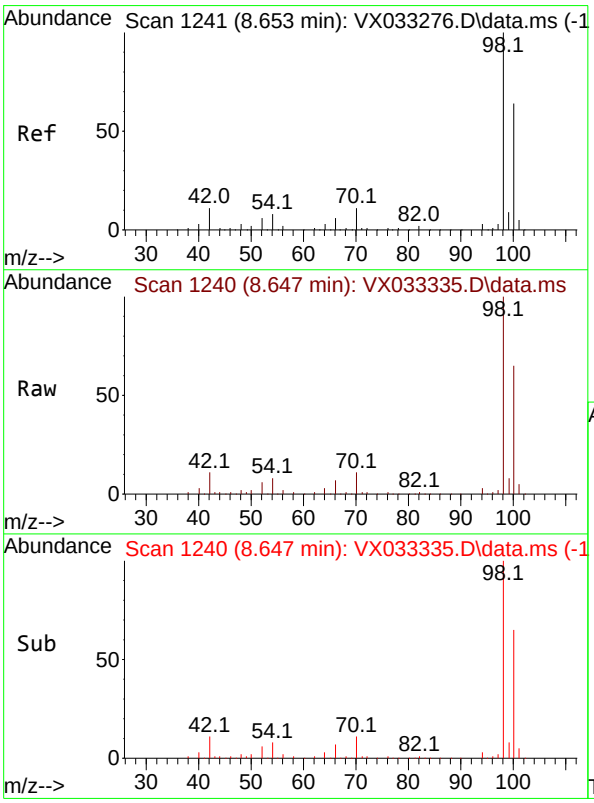
#40
Benzene
Concen: 0.403 ug/l
RT: 6.050 min Scan# 8
Delta R.T. 0.012 min
Lab File: VX033335.D
Acq: 08 Dec 2022 19:45

Instrument :
MSVOA_X
ClientSampleId :
1826

Tgt Ion: 78 Resp: 2565

Ion	Ratio	Lower	Upper
78	100		
77	24.3	19.0	28.4

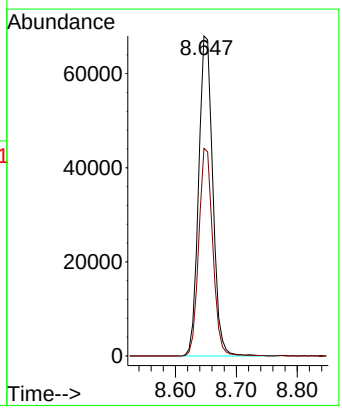


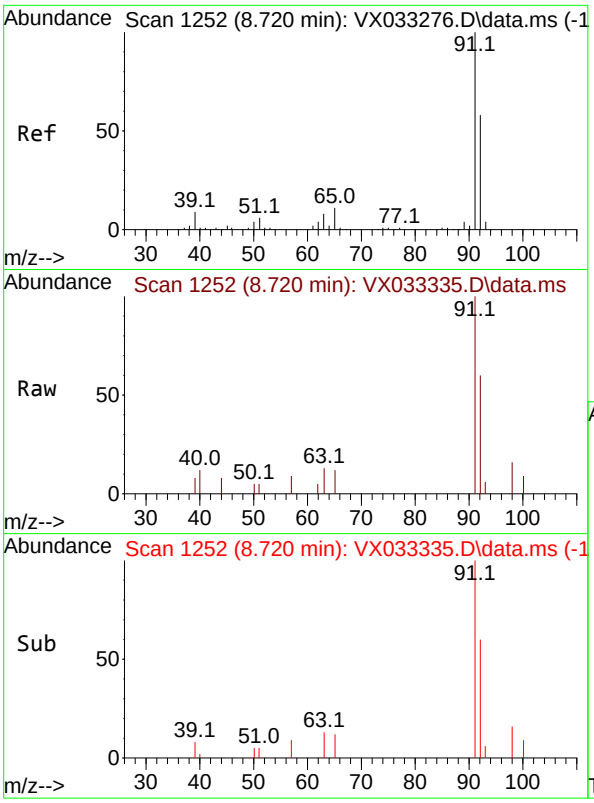


#50
Toluene-d8
Concen: 46.723 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX033335.D
Acq: 08 Dec 2022 19:45

Tgt Ion: 98 Resp: 109466

Ion	Ratio	Lower	Upper
98	100		
100	64.3	50.9	76.3



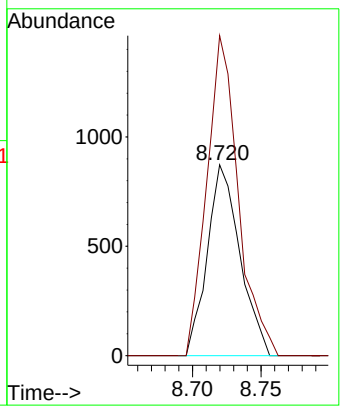


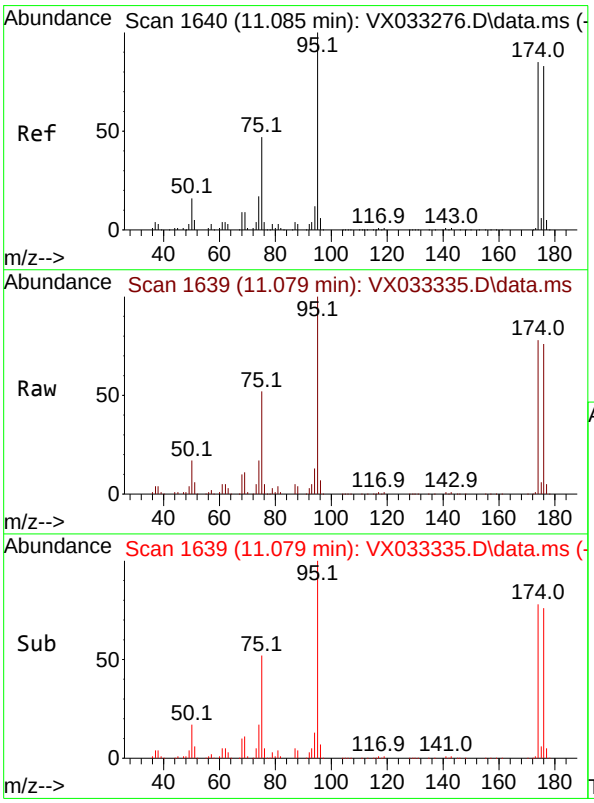
#52
Toluene
Concen: 0.351 ug/l
RT: 8.720 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX033335.D
Acq: 08 Dec 2022 19:45

Instrument :
MSVOA_X
ClientSampleId :
1826

Tgt Ion: 92 Resp: 1445

Ion	Ratio	Lower	Upper
92	100		
91	161.6	138.3	207.5

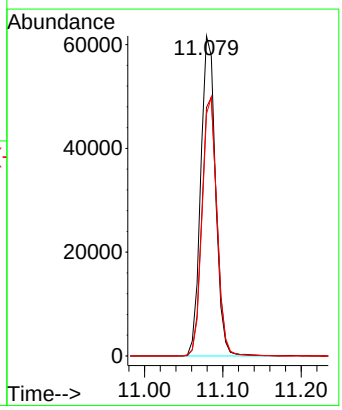


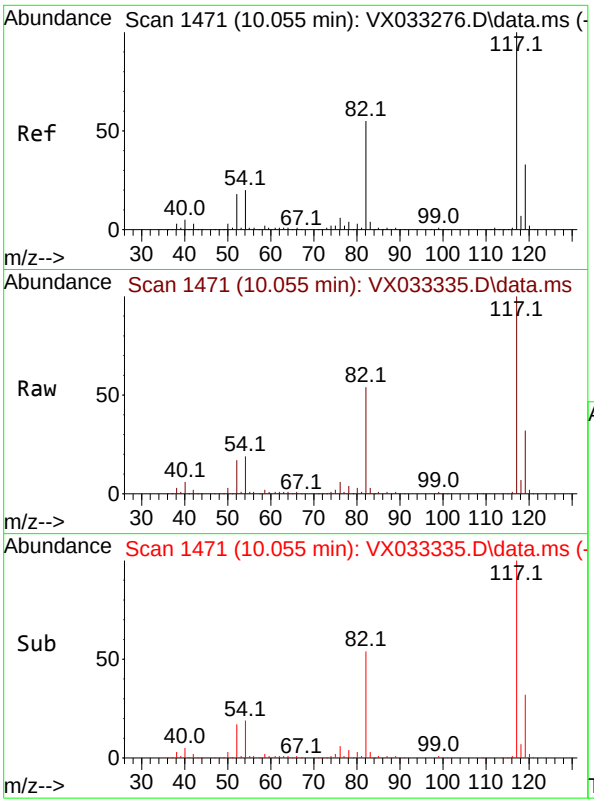


#62
4-Bromofluorobenzene
Concen: 45.121 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX033335.D
Acq: 08 Dec 2022 19:45

Tgt Ion: 95 Resp: 80829

Ion	Ratio	Lower	Upper
95	100		
174	82.2	0.0	164.0
176	80.9	0.0	154.4



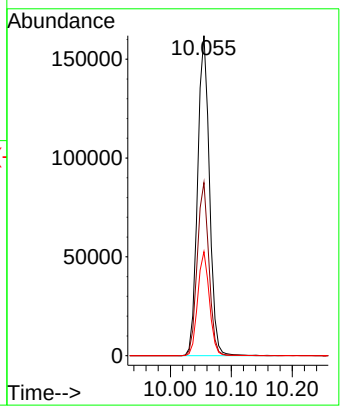


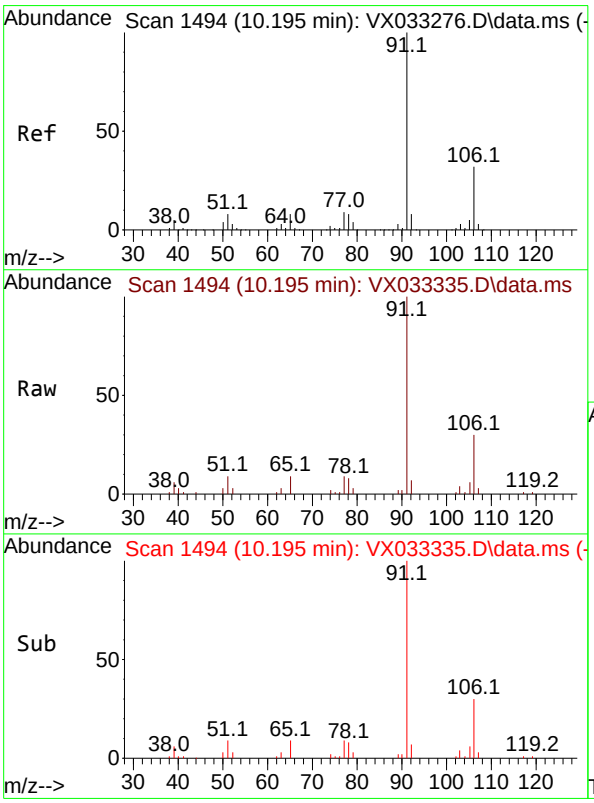
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX033335.D
Acq: 08 Dec 2022 19:45

Instrument :
MSVOA_X
ClientSampleId :
1826

Tgt Ion:117 Resp: 217858

Ion	Ratio	Lower	Upper
117	100		
82	54.1	44.3	66.5
119	32.5	25.7	38.5

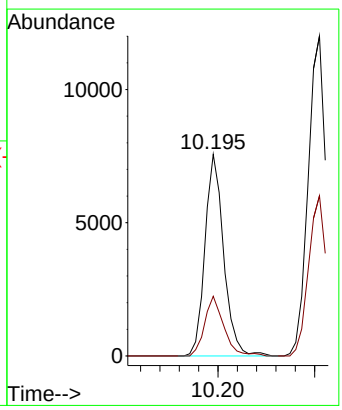


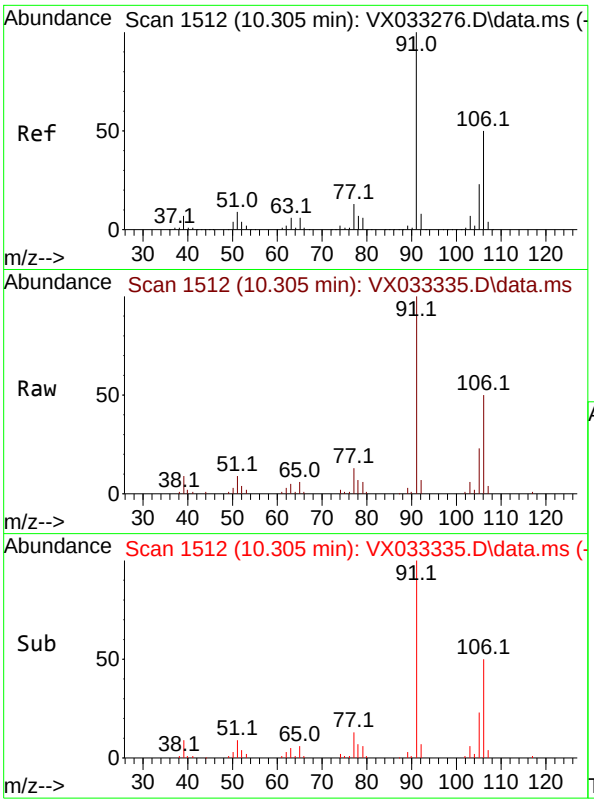


#67
Ethyl Benzene
Concen: 1.323 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX033335.D
Acq: 08 Dec 2022 19:45

Tgt Ion: 91 Resp: 10168

Ion	Ratio	Lower	Upper
91	100		
106	29.6	25.0	37.6



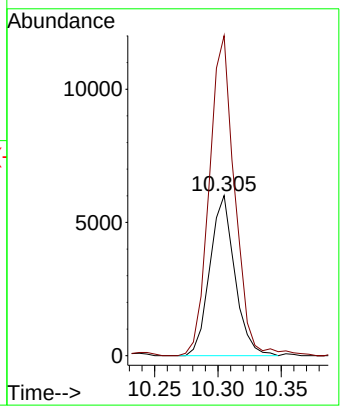


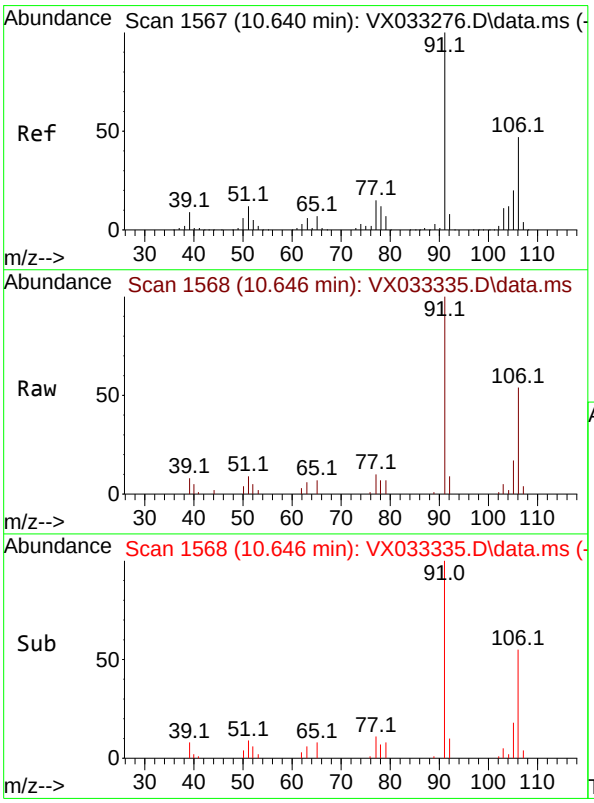
#68
m/p-Xylenes
Concen: 2.747 ug/l
RT: 10.305 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX033335.D
Acq: 08 Dec 2022 19:45

Instrument :
MSVOA_X
ClientSampleId :
1826

Tgt Ion:106 Resp: 8215

Ion	Ratio	Lower	Upper
106	100		
91	204.7	164.5	246.7

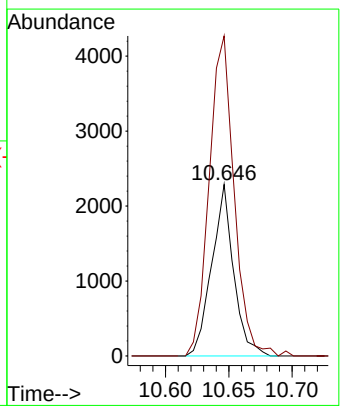


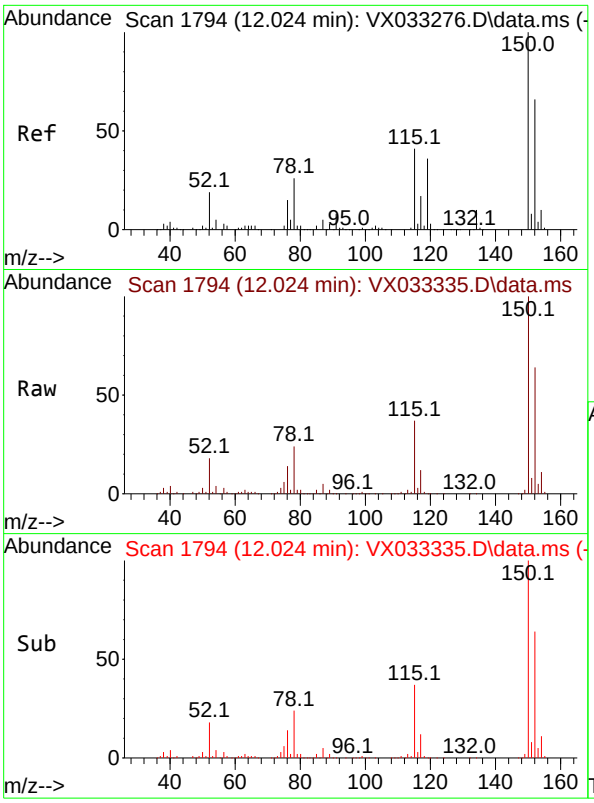


#69
o-Xylene
Concen: 0.932 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. 0.006 min
Lab File: VX033335.D
Acq: 08 Dec 2022 19:45

Tgt Ion:106 Resp: 2756

Ion	Ratio	Lower	Upper
106	100		
91	212.6	109.2	327.6



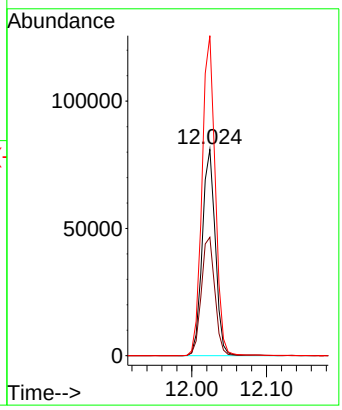


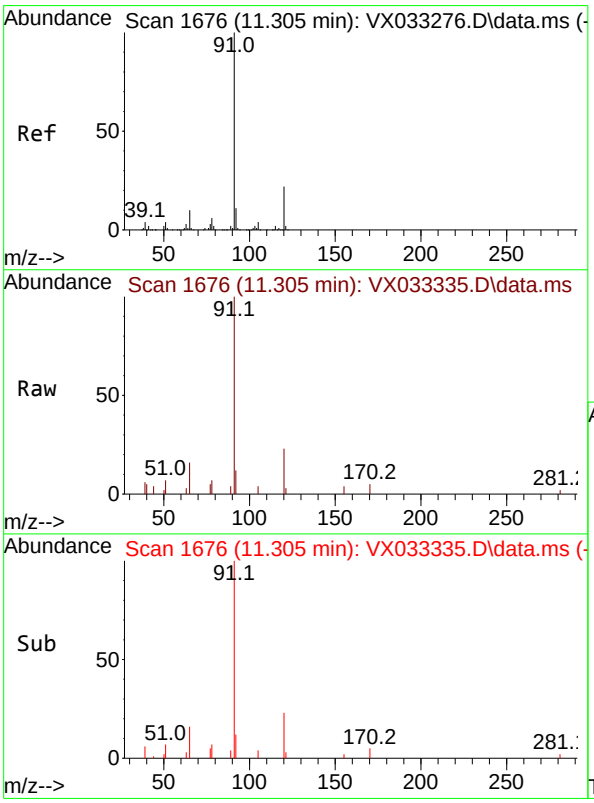
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX033335.D
Acq: 08 Dec 2022 19:45

Instrument :
MSVOA_X
ClientSampleId :
1826

Tgt Ion:152 Resp: 98459

Ion	Ratio	Lower	Upper
152	100		
115	59.4	44.0	132.0
150	157.0	0.0	351.8

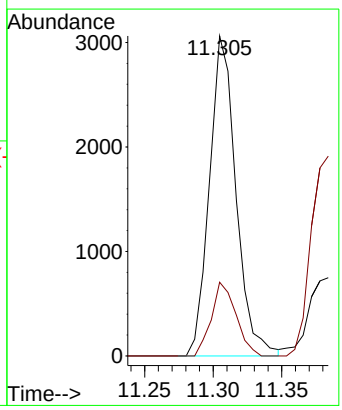


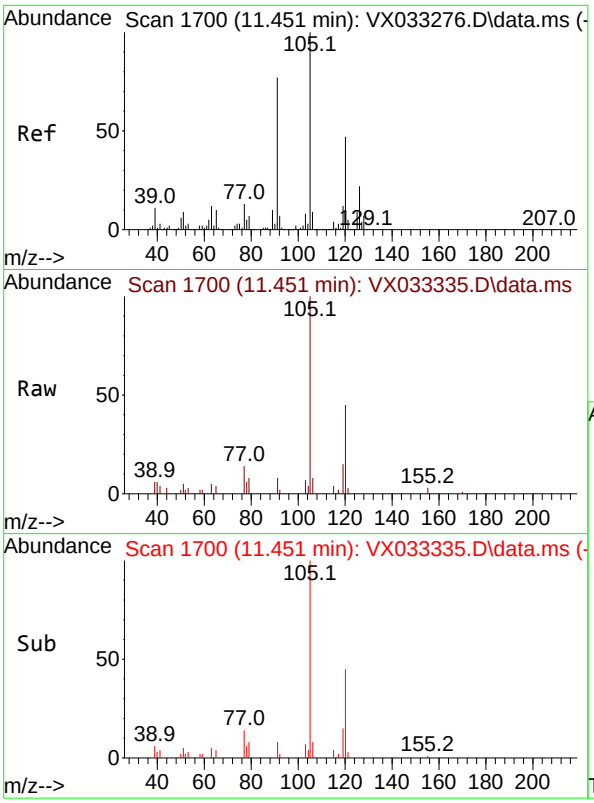


#78
n-propylbenzene
Concen: 0.519 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX033335.D
Acq: 08 Dec 2022 19:45

Tgt Ion: 91 Resp: 4136

Ion	Ratio	Lower	Upper
91	100		
120	21.3	11.6	34.8



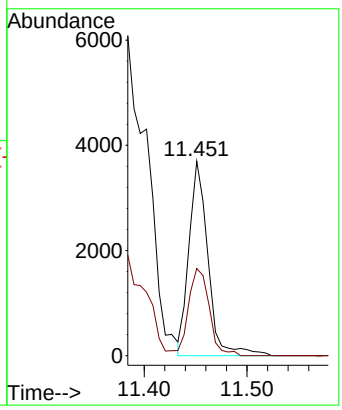


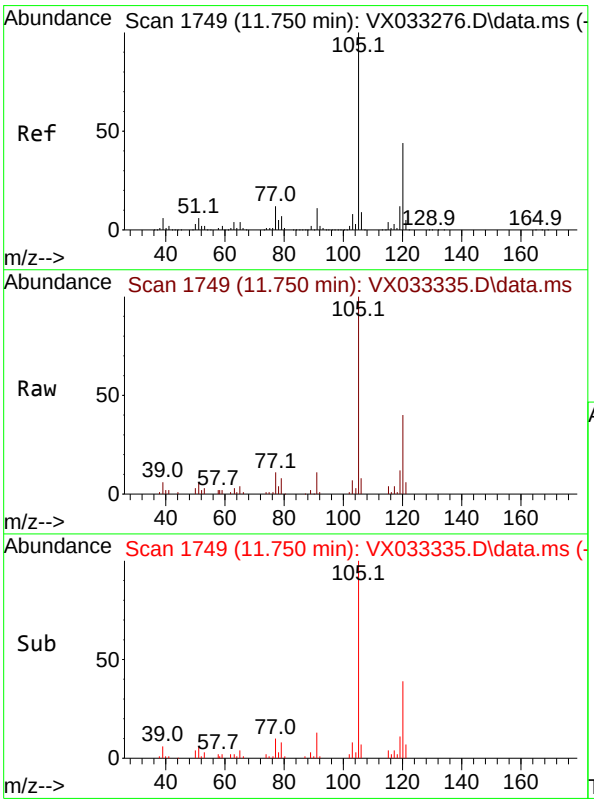
#80
1,3,5-Trimethylbenzene
Concen: 0.801 ug/l
RT: 11.451 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX033335.D
Acq: 08 Dec 2022 19:45

Instrument :
MSVOA_X
ClientSampleId :
1826

Tgt Ion:105 Resp: 4760

Ion	Ratio	Lower	Upper
105	100		
120	48.7	23.6	71.0





#84
1,2,4-Trimethylbenzene
Concen: 2.632 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX033335.D
Acq: 08 Dec 2022 19:45

Tgt Ion:105 Resp: 15610

Ion	Ratio	Lower	Upper
105	100		
120	44.7	21.9	65.5