Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100422\
Data File : VX031868.D
Acq On : 04 Oct 2022 14:47
Operator : JC/MD
Sample : N4864-10DL 50X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-44DL

Quant Time: Oct 05 06:21:29 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100322W.M
Quant Title : SW846 8260
QLast Update : Tue Oct 04 06:59:30 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.556	168	102614	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	150013	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	160631	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	115226	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	85115	46.299	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	92.600%		
35) Dibromofluoromethane	5.385	113	82457	46.264	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	92.520%		
50) Toluene-d8	8.647	98	299739	47.011	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	94.020%		
62) 4-Bromofluorobenzene	11.079	95	105452	45.928	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	91.860%		
Target Compounds						Qvalue
67) Ethyl Benzene	10.195	91	126206	15.742	ug/l	93
68) m/p-Xylenes	10.305	106	40906	12.359	ug/l	95
69) o-Xylene	10.646	106	2048	0.642	ug/l	86
73) Isopropylbenzene	10.963	105	7131	0.876	ug/l	96
78) n-propylbenzene	11.305	91	32706	3.677	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	23247	3.420	ug/l	93
84) 1,2,4-Trimethylbenzene	11.750	105	223160	32.991	ug/l	96
89) n-Butylbenzene	12.329	91	5448	0.956	ug/l #	17
95) Naphthalene	13.774	128	117503	15.194	ug/l	100

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

Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100422\
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Sample : N4864-10DL 50X
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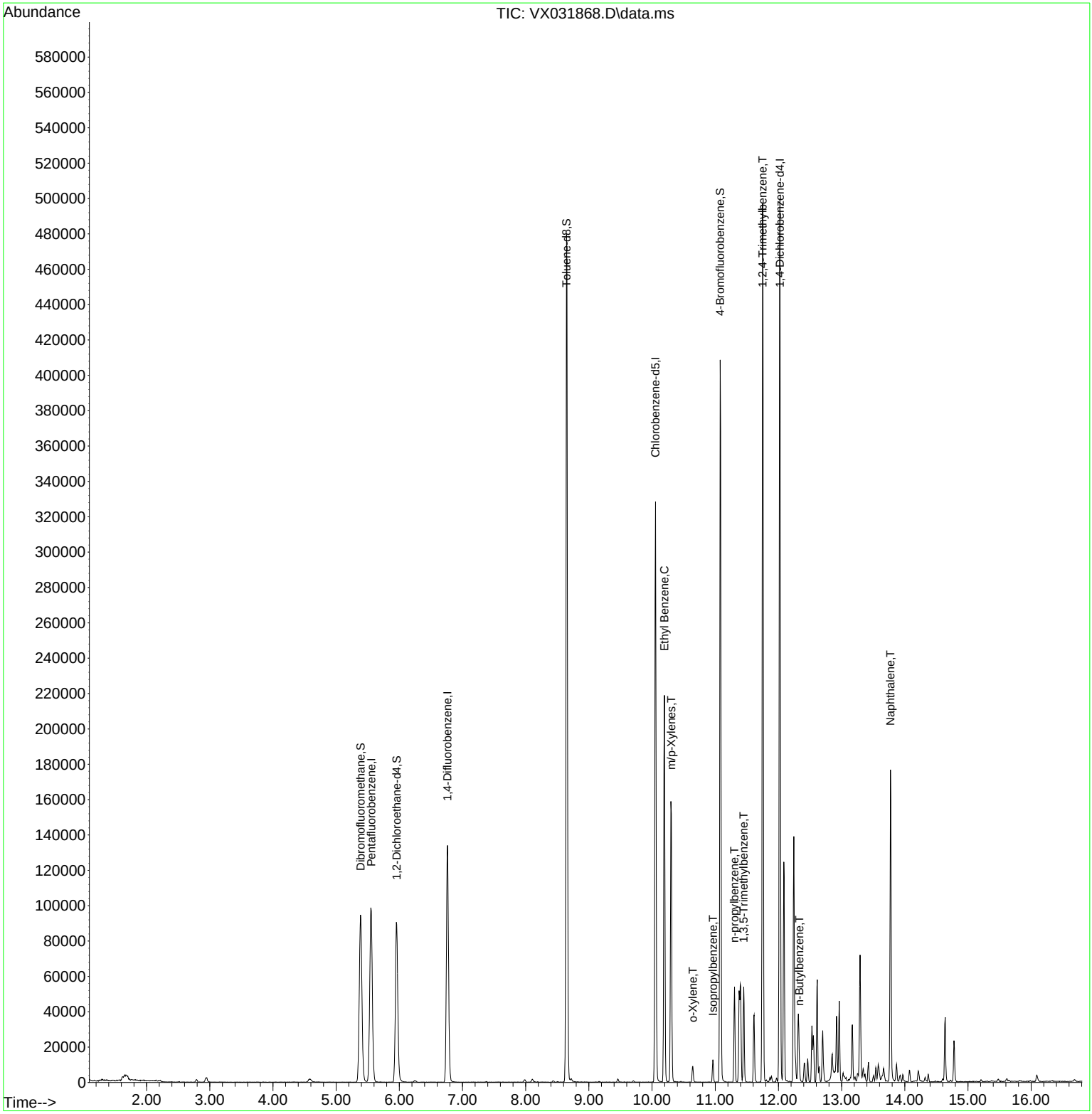
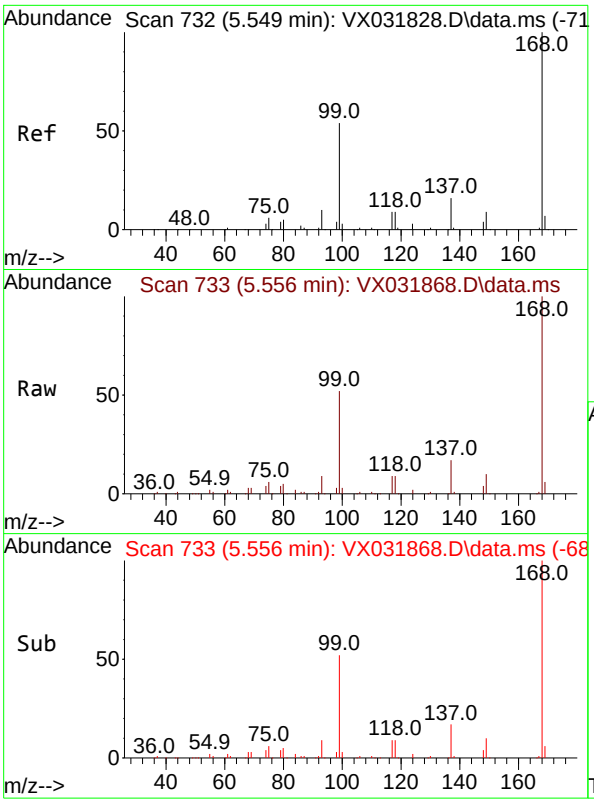
ClientSampleId :
MW-44DL

Quant Time: Oct 05 06:21:29 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100322W.M
Quant Title : SW846 8260
QLast Update : Tue Oct 04 06:59:30 2022
Response via : Initial Calibration



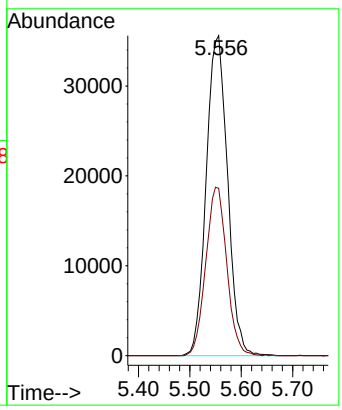


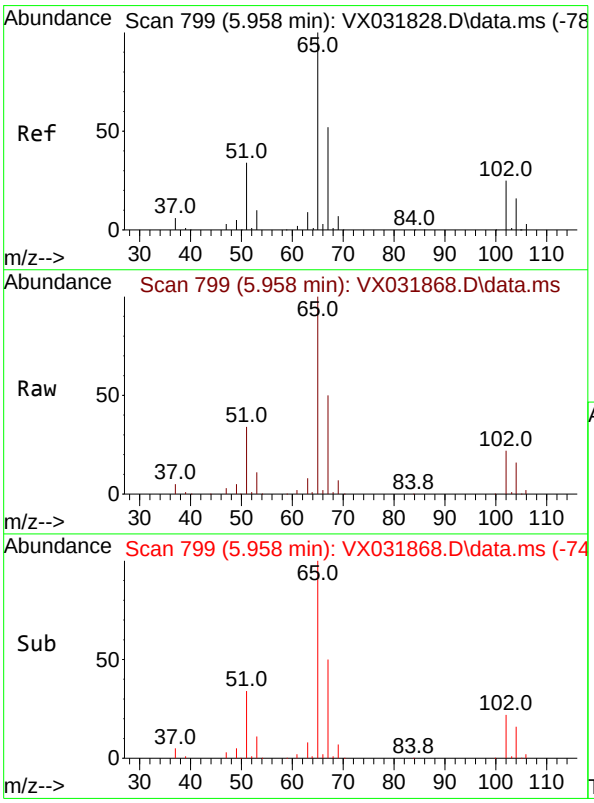
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 7
Delta R.T. 0.006 min
Lab File: VX031868.D
Acq: 04 Oct 2022 14:47

Instrument :
MSVOA_X
ClientSampleId :
MW-44DL

Tgt Ion:168 Resp: 102614

Ion	Ratio	Lower	Upper
168	100		
99	52.3	48.8	73.2

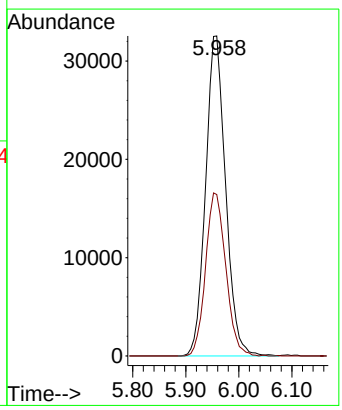


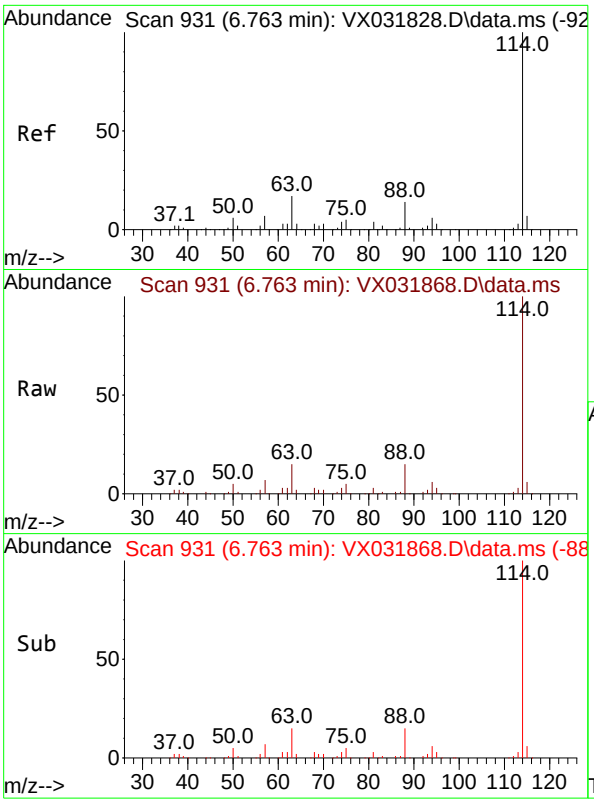


#33
1,2-Dichloroethane-d4
Concen: 46.299 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX031868.D
Acq: 04 Oct 2022 14:47

Tgt Ion: 65 Resp: 85115

Ion	Ratio	Lower	Upper
65	100		
67	51.6	0.0	102.4



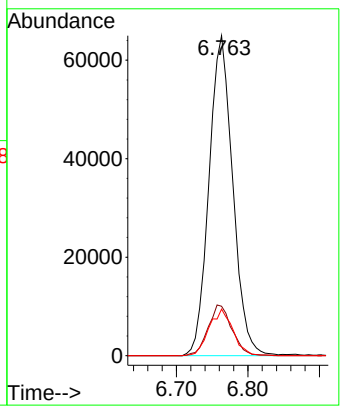


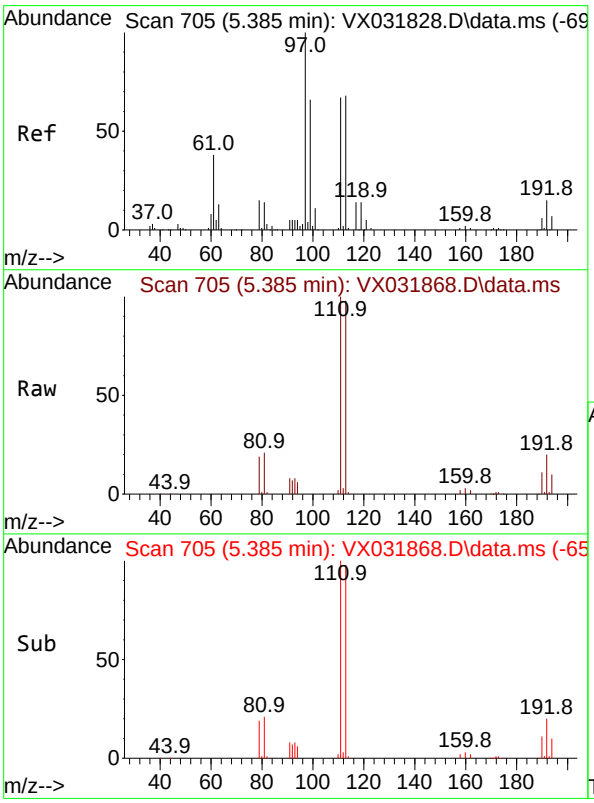
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 9
Delta R.T. 0.000 min
Lab File: VX031868.D
Acq: 04 Oct 2022 14:47

Instrument :
MSVOA_X
ClientSampleId :
MW-44DL

Tgt Ion:114 Resp: 150013

Ion	Ratio	Lower	Upper
114	100		
63	15.5	0.0	42.6
88	14.6	0.0	33.0

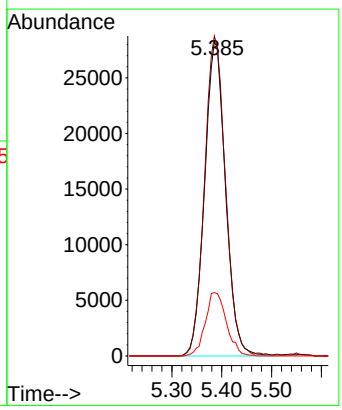


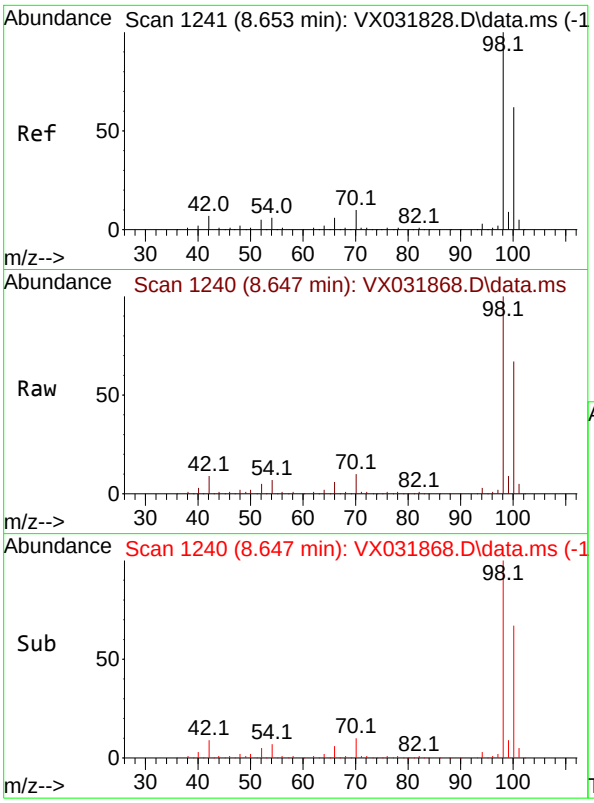


#35
Dibromofluoromethane
Concen: 46.264 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX031868.D
Acq: 04 Oct 2022 14:47

Tgt Ion:113 Resp: 82457

Ion	Ratio	Lower	Upper
113	100		
111	101.7	82.4	123.6
192	20.4	14.1	21.1



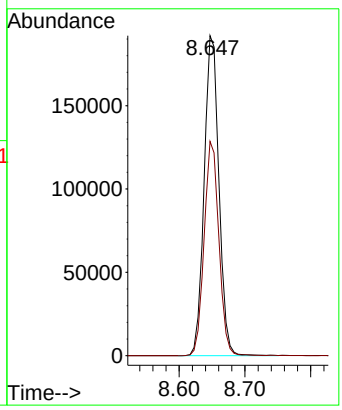


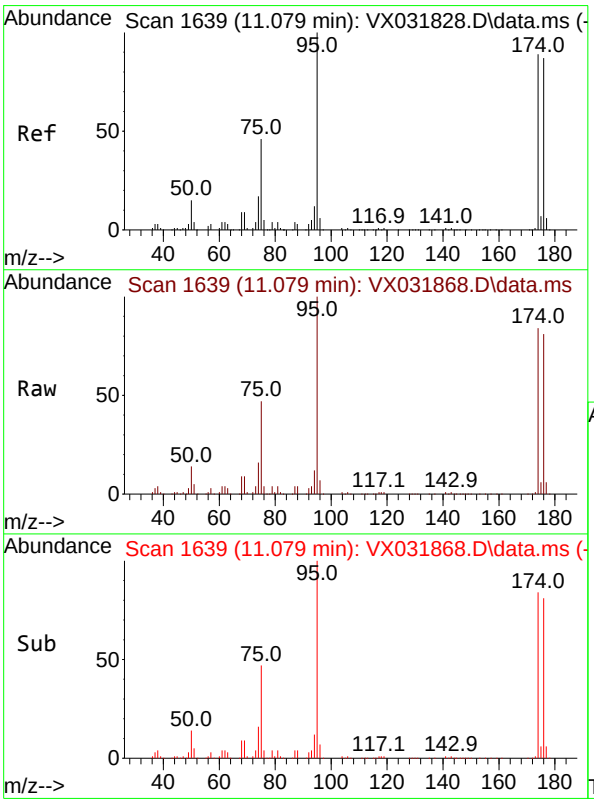
#50
Toluene-d8
Concen: 47.011 ug/l
RT: 8.647 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX031868.D
Acq: 04 Oct 2022 14:47

Instrument :
MSVOA_X
ClientSampleId :
MW-44DL

Tgt Ion: 98 Resp: 299739

Ion	Ratio	Lower	Upper
98	100		
100	66.9	52.5	78.7

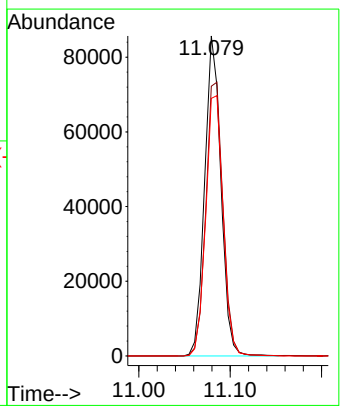


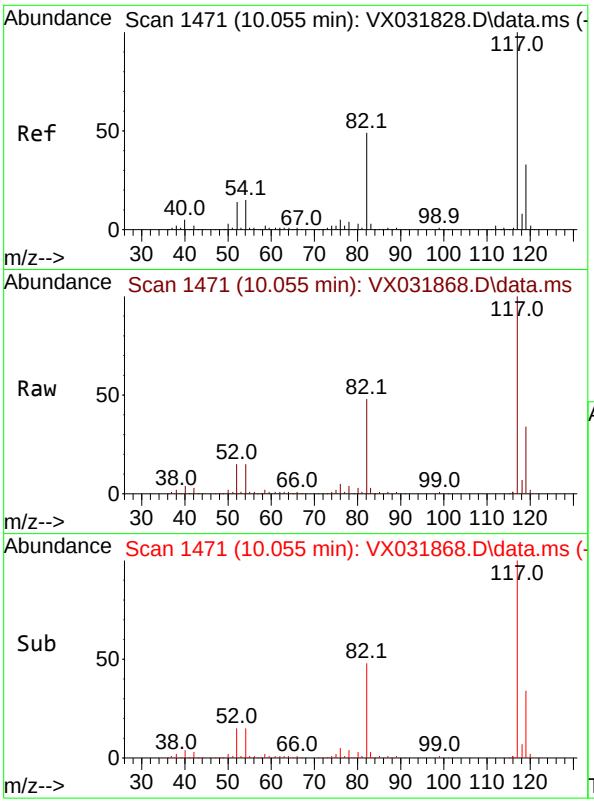


#62
4-Bromofluorobenzene
Concen: 45.928 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX031868.D
Acq: 04 Oct 2022 14:47

Tgt Ion: 95 Resp: 105452

Ion	Ratio	Lower	Upper
95	100		
174	91.0	0.0	153.2
176	87.3	0.0	144.0



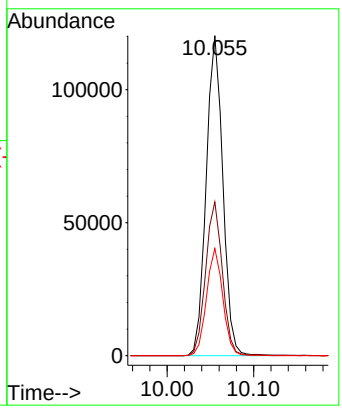


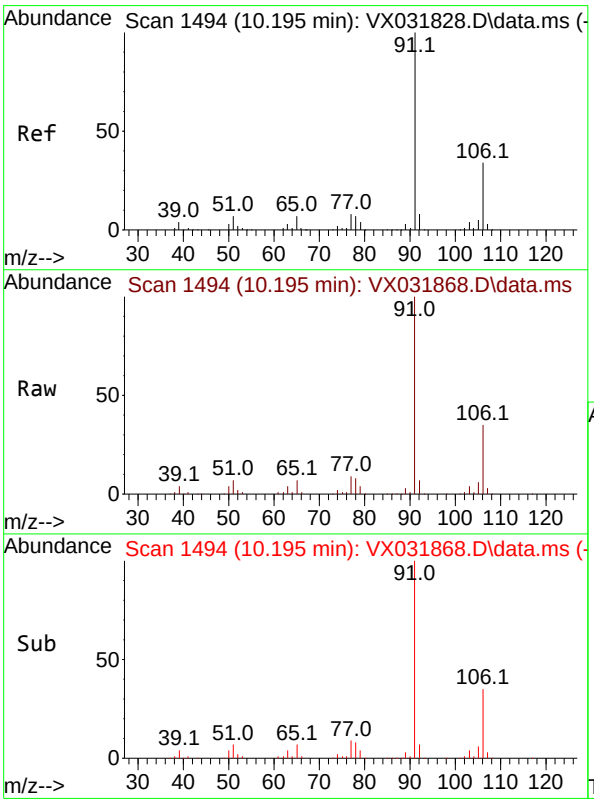
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX031868.D
Acq: 04 Oct 2022 14:47

Instrument :
MSVOA_X
ClientSampleId :
MW-44DL

Tgt Ion:117 Resp: 160631

Ion	Ratio	Lower	Upper
117	100		
82	48.1	46.8	70.2
119	33.5	26.4	39.6

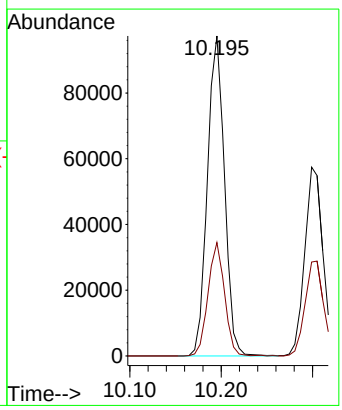


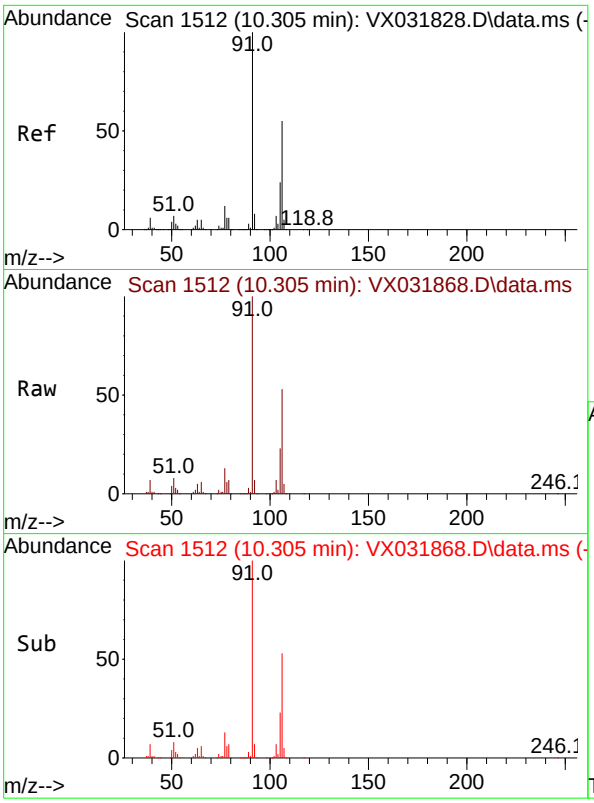


#67
Ethyl Benzene
Concen: 15.742 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX031868.D
Acq: 04 Oct 2022 14:47

Tgt Ion: 91 Resp: 126206

Ion	Ratio	Lower	Upper
91	100		
106	35.5	25.2	37.8



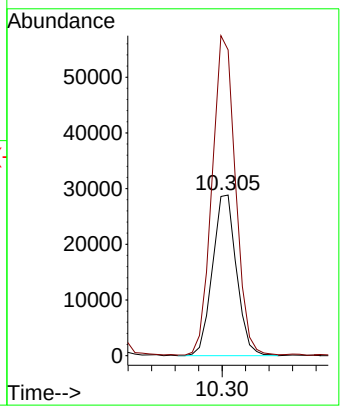


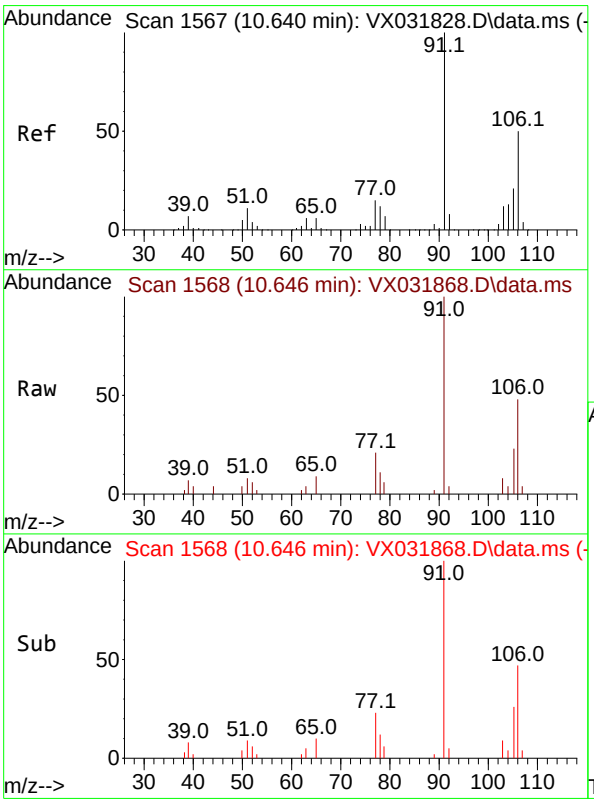
#68
m/p-Xylenes
Concen: 12.359 ug/l
RT: 10.305 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX031868.D
Acq: 04 Oct 2022 14:47

Instrument :
MSVOA_X
ClientSampleId :
MW-44DL

Tgt Ion:106 Resp: 40906

Ion	Ratio	Lower	Upper
106	100		
91	193.9	161.0	241.4

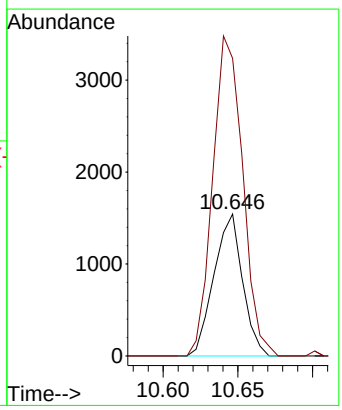


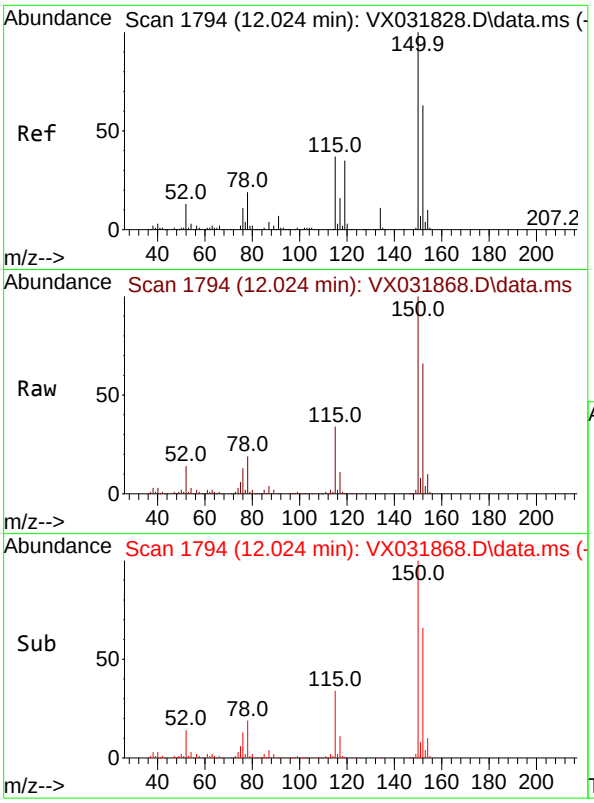


#69
o-Xylene
Concen: 0.642 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. 0.006 min
Lab File: VX031868.D
Acq: 04 Oct 2022 14:47

Tgt Ion:106 Resp: 2048

Ion	Ratio	Lower	Upper
106	100		
91	237.0	107.2	321.6



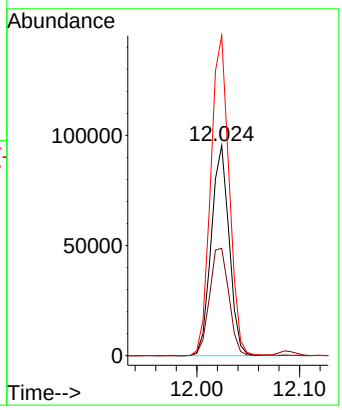


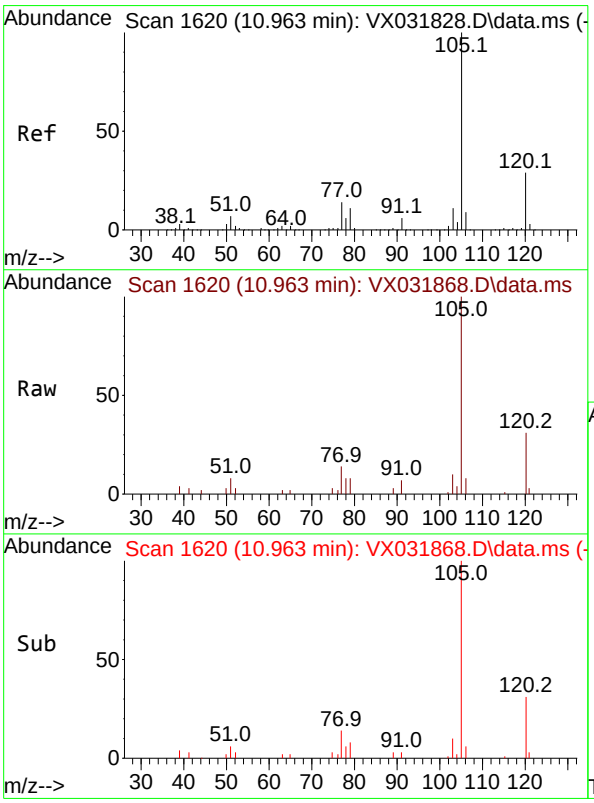
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX031868.D
Acq: 04 Oct 2022 14:47

Instrument :
MSVOA_X
ClientSampleId :
MW-44DL

Tgt Ion:152 Resp: 115226

Ion	Ratio	Lower	Upper
152	100		
115	55.3	43.4	130.1
150	156.8	0.0	346.8

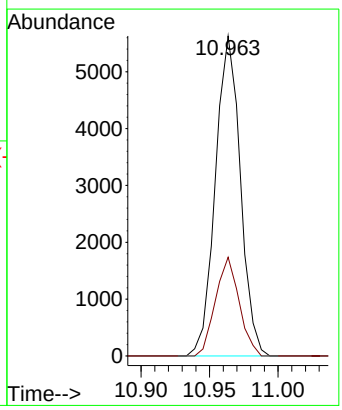


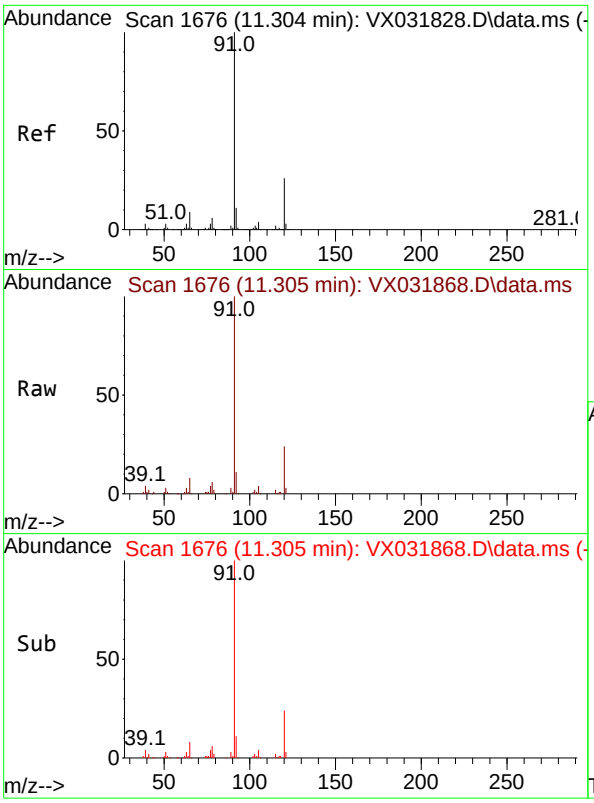


#73
Isopropylbenzene
Concen: 0.876 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX031868.D
Acq: 04 Oct 2022 14:47

Tgt Ion:105 Resp: 7131

Ion	Ratio	Lower	Upper
105	100		
120	29.2	13.7	41.0



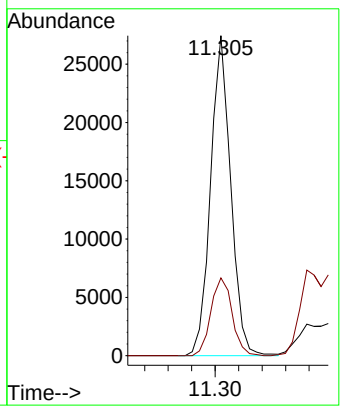


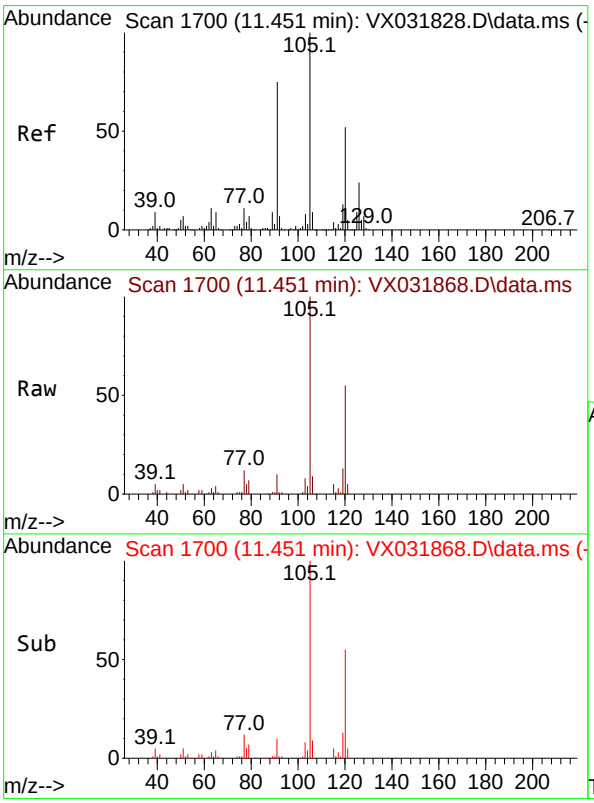
#78
n-propylbenzene
Concen: 3.677 ug/l
RT: 11.305 min Scan# 1(
Delta R.T. -0.000 min
Lab File: VX031868.D
Acq: 04 Oct 2022 14:47

Instrument :
MSVOA_X
ClientSampleId :
MW-44DL

Tgt Ion: 91 Resp: 32706

Ion	Ratio	Lower	Upper
91	100		
120	25.5	11.8	35.4

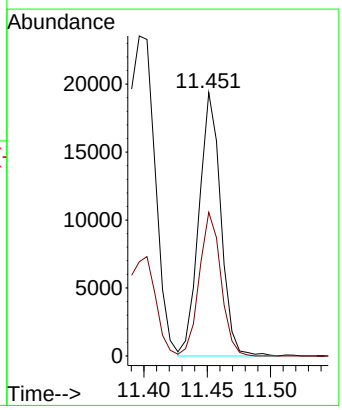


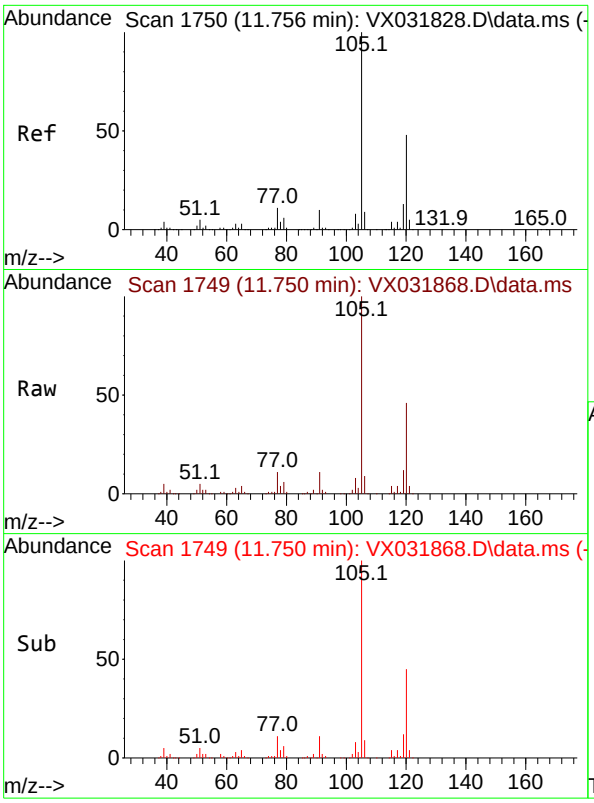


#80
1,3,5-Trimethylbenzene
Concen: 3.420 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX031868.D
Acq: 04 Oct 2022 14:47

Tgt Ion:105 Resp: 23247

Ion	Ratio	Lower	Upper
105	100		
120	54.1	24.5	73.5



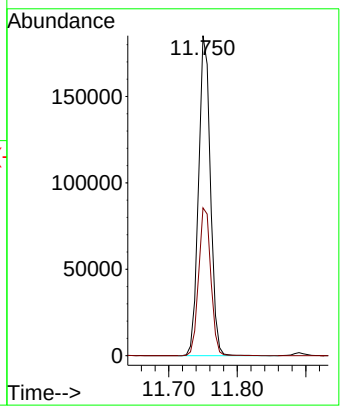


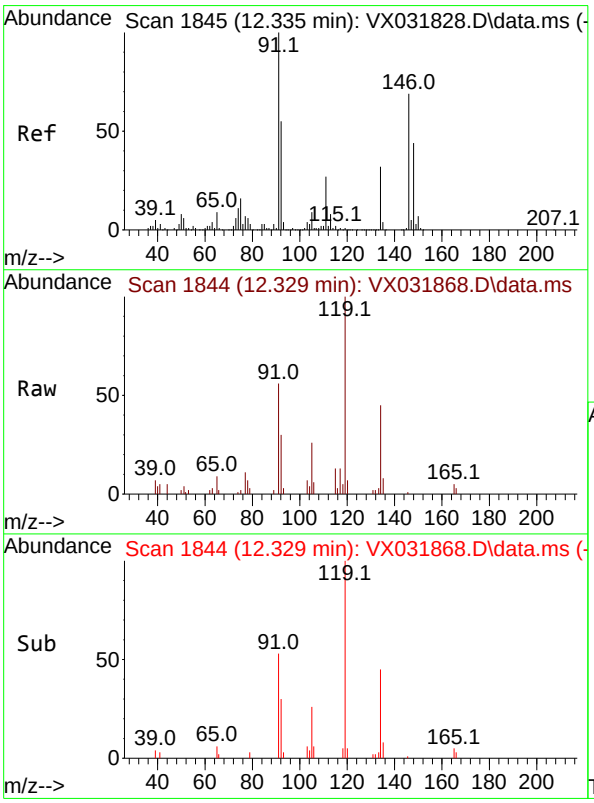
#84
1,2,4-Trimethylbenzene
Concen: 32.991 ug/l
RT: 11.750 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX031868.D
Acq: 04 Oct 2022 14:47

Instrument :
MSVOA_X
ClientSampleId :
MW-44DL

Tgt Ion:105 Resp: 223160

Ion	Ratio	Lower	Upper
105	100		
120	47.6	22.6	67.8

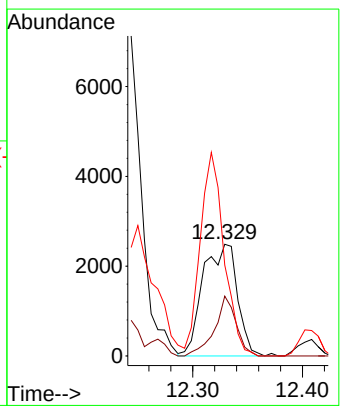


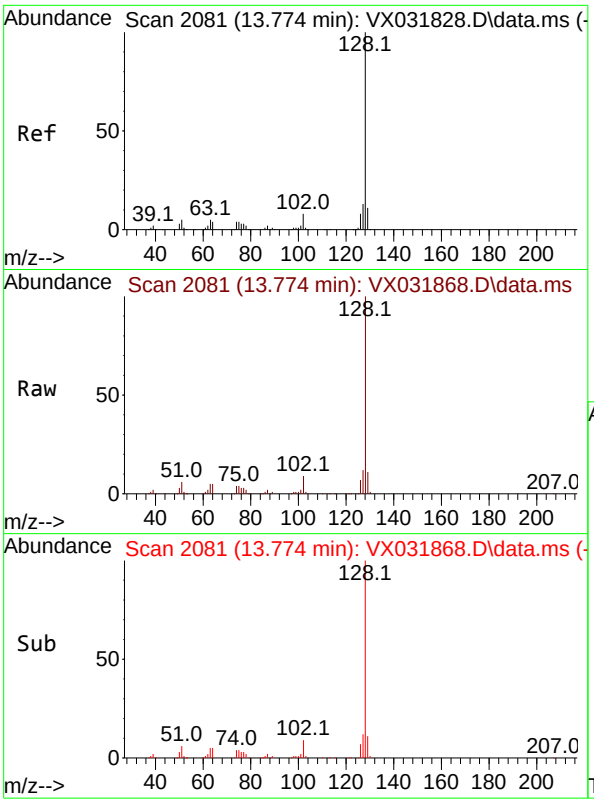


#89
n-Butylbenzene
Concen: 0.956 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.006 min
Lab File: VX031868.D
Acq: 04 Oct 2022 14:47

Tgt Ion: 91 Resp: 5448

Ion	Ratio	Lower	Upper
91	100		
92	33.4	27.0	81.0
134	125.4	13.3	39.9#





#95
Naphthalene
Concen: 15.194 ug/l
RT: 13.774 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX031868.D
Acq: 04 Oct 2022 14:47

Instrument :
MSVOA_X
ClientSampleId :
MW-44DL

Tgt Ion:128 Resp: 117503

Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.4	15.6
129	11.0	8.8	13.2