Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121721\
Data File : VX025869.D
Acq On : 16 Dec 2021 20:38
Operator : JC/MD
Sample : M5051-05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
P-1

Quant Time: Dec 17 02:37:53 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121321W.M
Quant Title : SW846 8260
QLast Update : Tue Dec 14 07:02:11 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.556	168	133160	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	227980	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	216325	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	97846	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	90640	47.308	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 94.620%			
35) Dibromofluoromethane	5.391	113	74140	46.630	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 93.260%			
50) Toluene-d8	8.653	98	278936	48.150	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 96.300%			
62) 4-Bromofluorobenzene	11.085	95	99261	45.107	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 90.220%			
Target Compounds						Qvalue
13) Acrolein	2.233	56	628	2.391	ug/l	97
16) Acetone	2.386	43	39769	29.481	ug/l	99
18) Methyl Acetate	2.709	43	21720	7.438	ug/l	99
20) Methylene Chloride	2.788	84	10519	4.203	ug/l	93
43) Isopropyl Acetate	6.348	43	12874	3.336	ug/l	96
68) m/p-Xylenes	10.305	106	6087	2.051	ug/l	95
69) o-Xylene	10.646	106	9323	3.194	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	45022	7.644	ug/l	98
84) 1,2,4-Trimethylbenzene	11.756	105	174029	29.579	ug/l	93
95) Naphthalene	13.786	128	7276309	1038.578	ug/l	94

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

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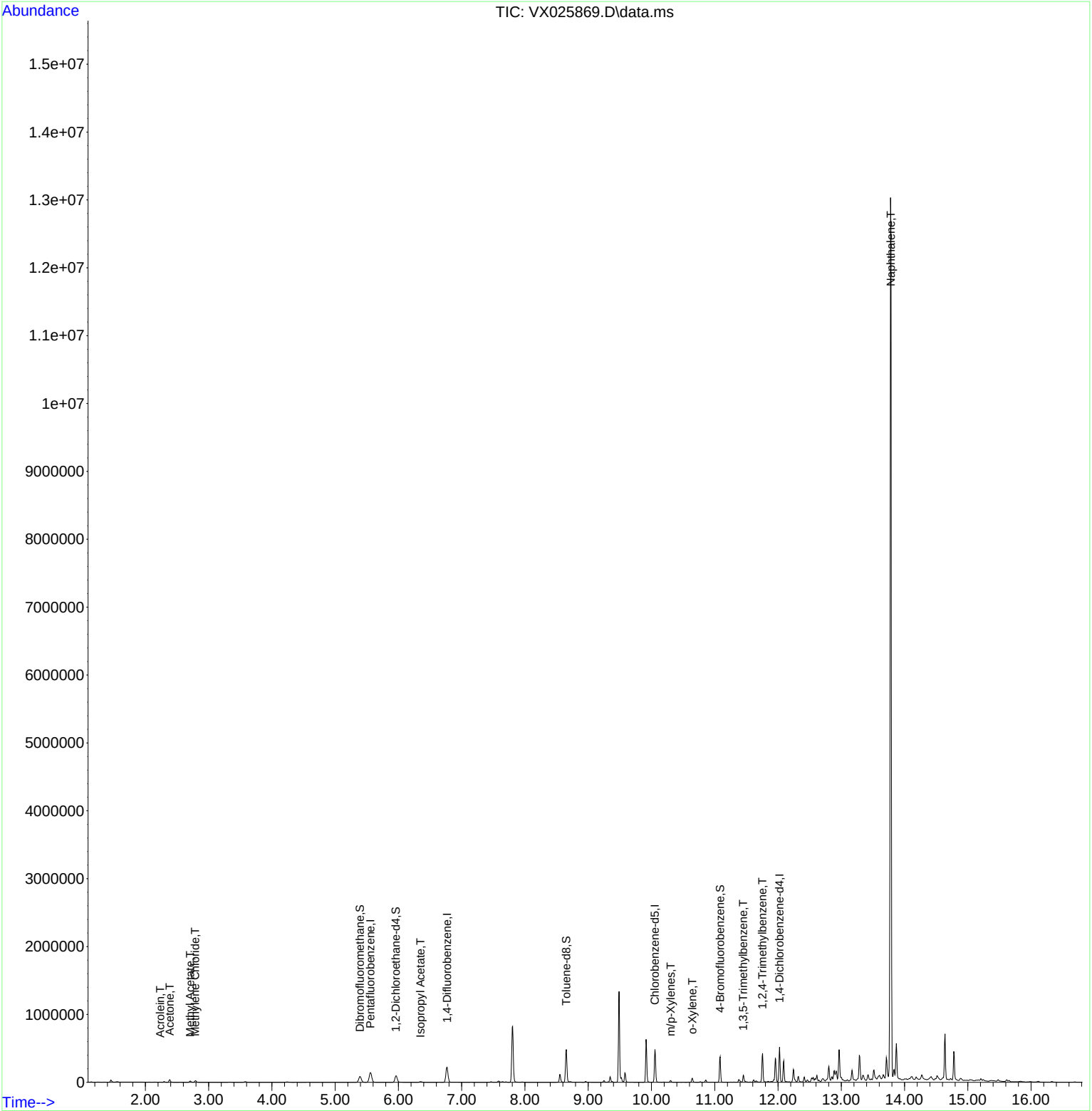
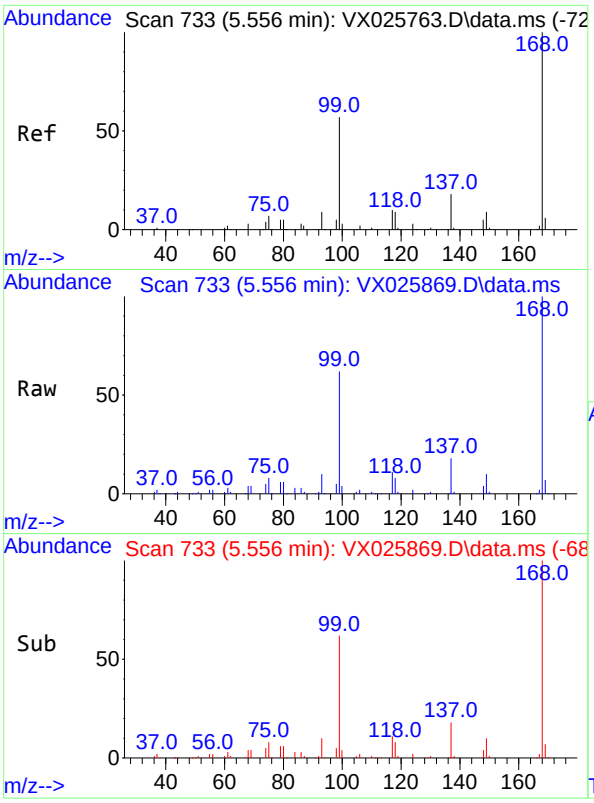
P-1

Quant Time: Dec 17 02:37:53 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121321W.M
Quant Title : SW846 8260
QLast Update : Tue Dec 14 07:02:11 2021
Response via : Initial Calibration



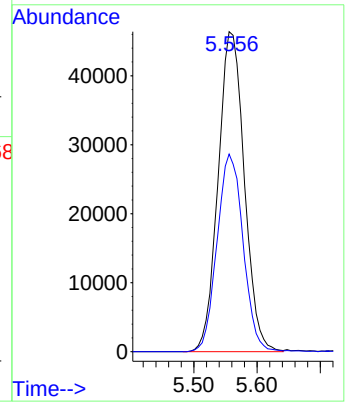


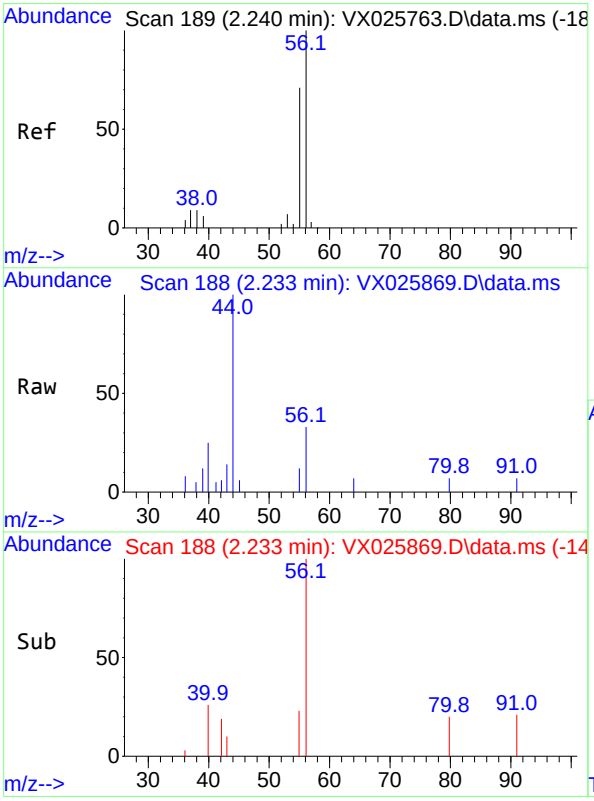
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX025869.D
Acq: 16 Dec 2021 20:38

Instrument :
MSVOA_X
ClientSampleId :
P-1

Tgt Ion:168 Resp: 133160

Ion	Ratio	Lower	Upper
168	100		
99	61.8	45.8	68.8

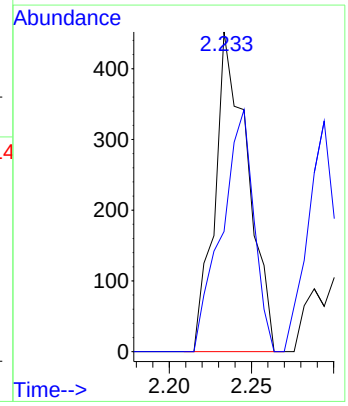


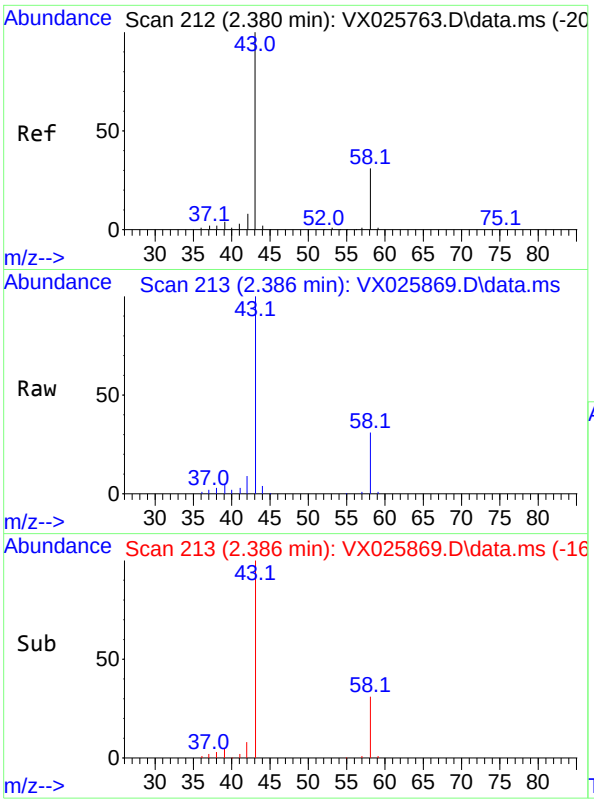


#13
Acrolein
Concen: 2.391 ug/l
RT: 2.233 min Scan# 188
Delta R.T. -0.006 min
Lab File: VX025869.D
Acq: 16 Dec 2021 20:38

Tgt Ion: 56 Resp: 628

Ion	Ratio	Lower	Upper
56	100		
55	74.4	57.4	86.2



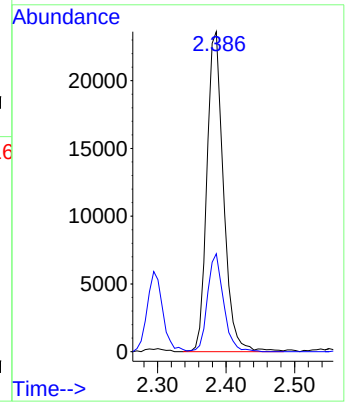


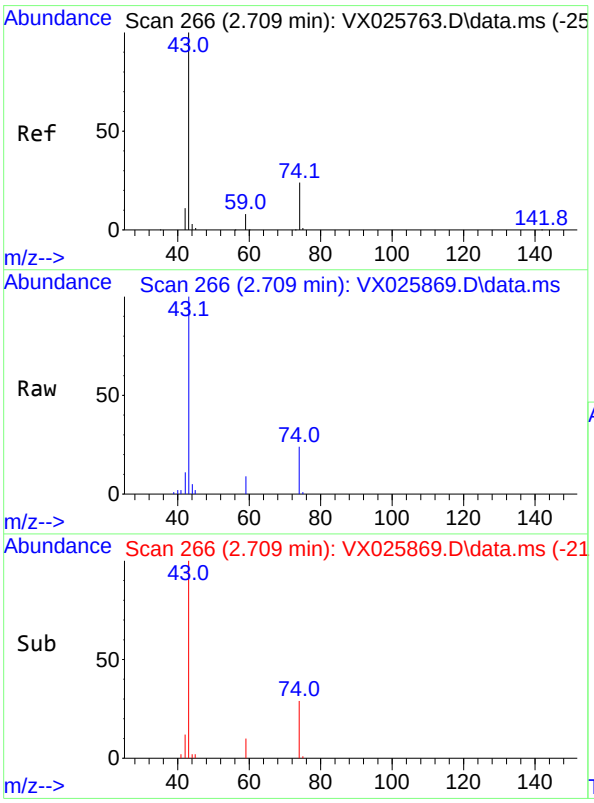
#16
Acetone
Concen: 29.481 ug/l
RT: 2.386 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX025869.D
Acq: 16 Dec 2021 20:38

Instrument :
MSVOA_X
ClientSampleId :
P-1

Tgt Ion: 43 Resp: 39769

Ion	Ratio	Lower	Upper
43	100		
58	30.6	24.8	37.2

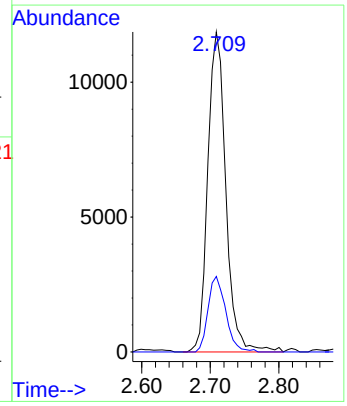


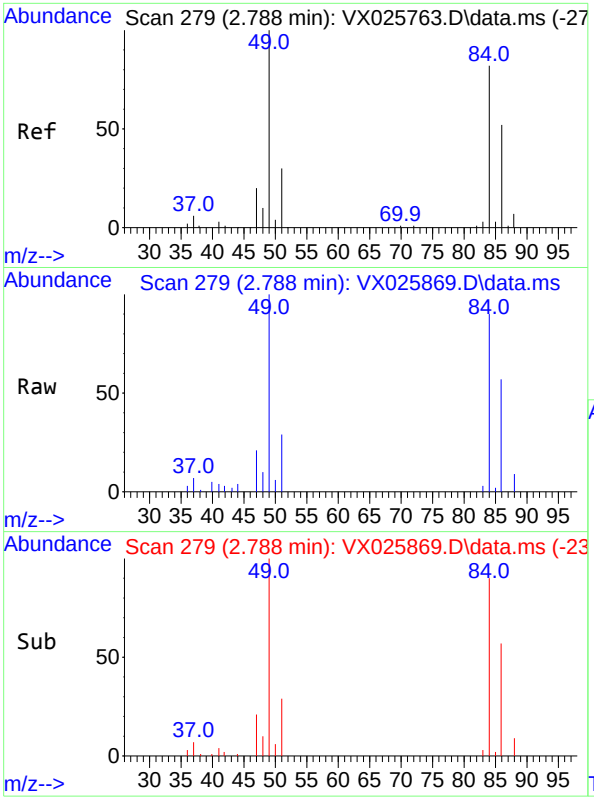


#18
Methyl Acetate
Concen: 7.438 ug/l
RT: 2.709 min Scan# 266
Delta R.T. -0.000 min
Lab File: VX025869.D
Acq: 16 Dec 2021 20:38

Tgt Ion: 43 Resp: 21720

Ion	Ratio	Lower	Upper
43	100		
74	23.2	19.1	28.7



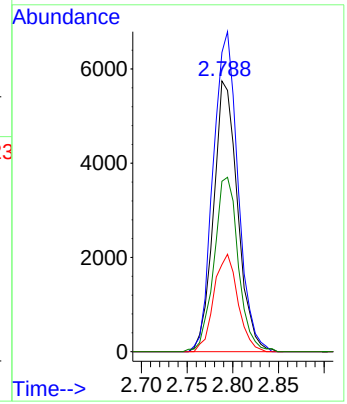


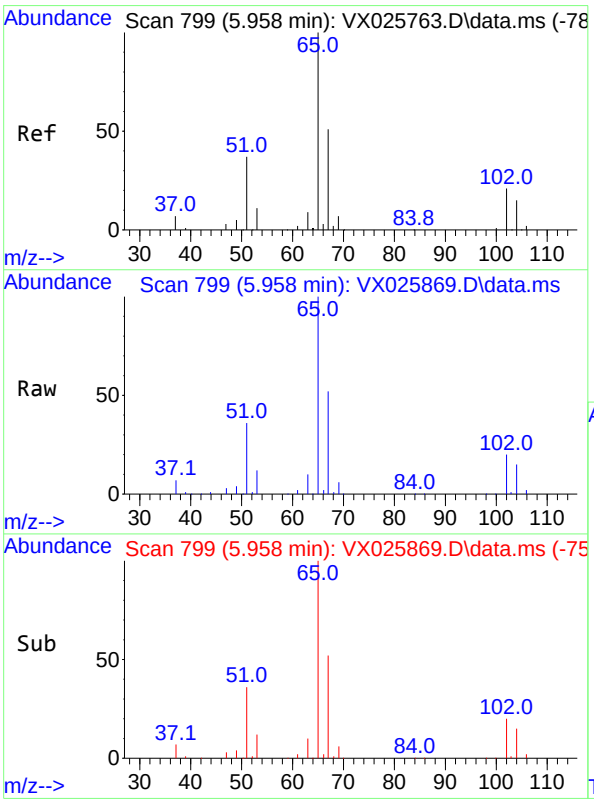
#20
Methylene Chloride
Concen: 4.203 ug/l
RT: 2.788 min Scan# 2
Delta R.T. 0.000 min
Lab File: VX025869.D
Acq: 16 Dec 2021 20:38

Instrument :
MSVOA_X
ClientSampleId :
P-1

Tgt Ion: 84 Resp: 10519

Ion	Ratio	Lower	Upper
84	100		
49	110.6	97.1	145.7
51	32.2	29.3	43.9
86	62.9	50.8	76.2

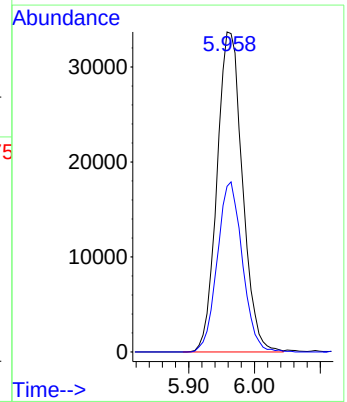


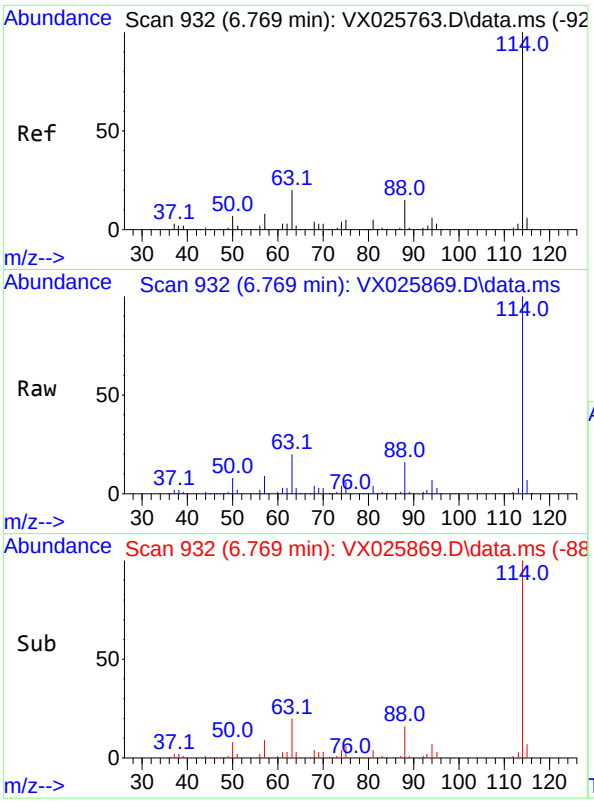


#33
1,2-Dichloroethane-d4
Concen: 47.308 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX025869.D
Acq: 16 Dec 2021 20:38

Tgt Ion: 65 Resp: 90640

Ion	Ratio	Lower	Upper
65	100		
67	52.5	0.0	103.4



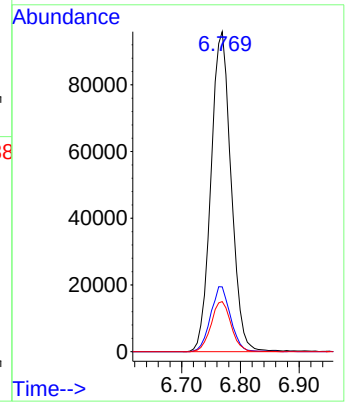


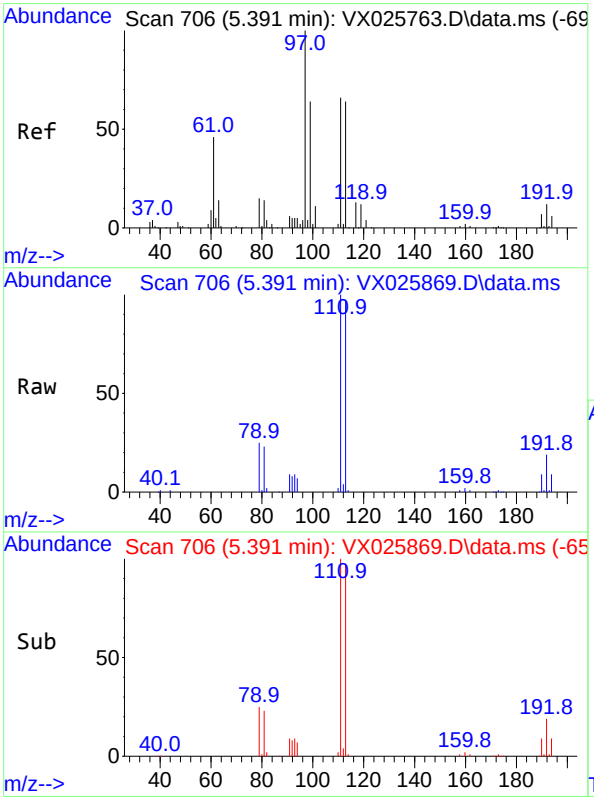
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 9
Delta R.T. 0.000 min
Lab File: VX025869.D
Acq: 16 Dec 2021 20:38

Instrument :
MSVOA_X
ClientSampleId :
P-1

Tgt Ion:114 Resp: 227980

Ion	Ratio	Lower	Upper
114	100		
63	20.2	0.0	40.0
88	15.7	0.0	30.6

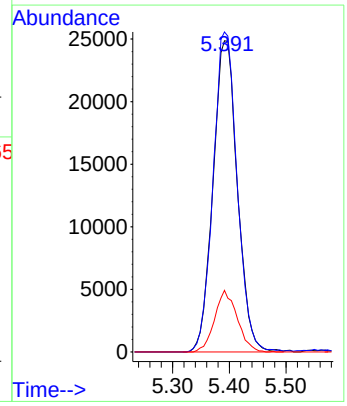


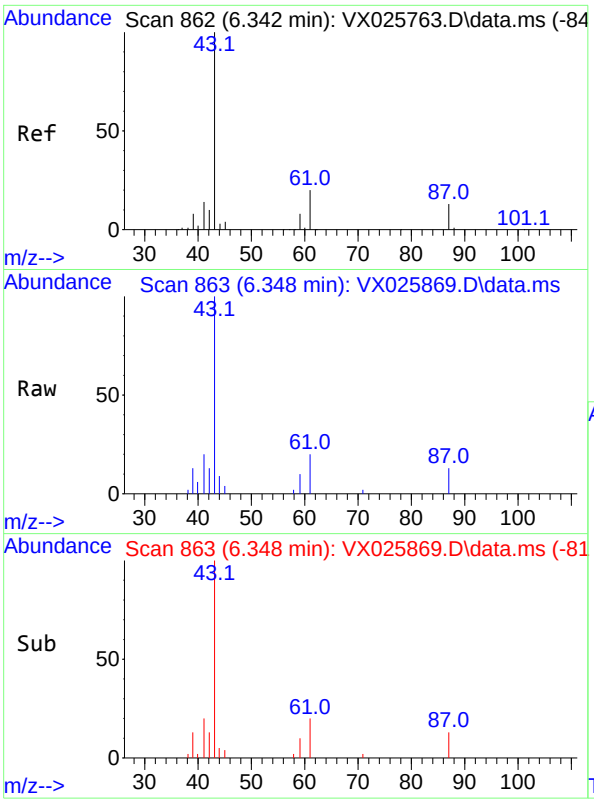


#35
Dibromofluoromethane
Concen: 46.630 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.000 min
Lab File: VX025869.D
Acq: 16 Dec 2021 20:38

Tgt Ion:113 Resp: 74140

Ion	Ratio	Lower	Upper
113	100		
111	101.5	81.8	122.8
192	18.3	15.0	22.4



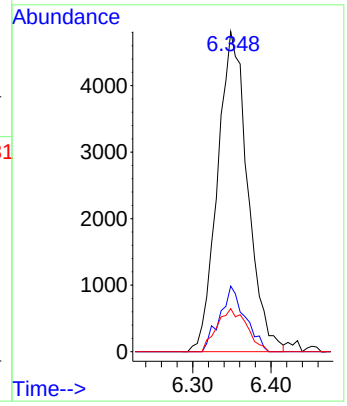


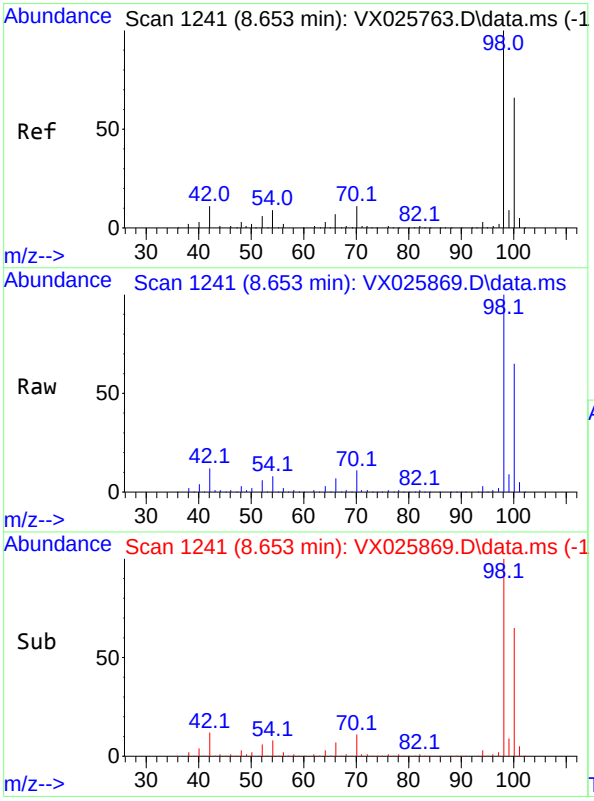
#43
Isopropyl Acetate
Concen: 3.336 ug/l
RT: 6.348 min Scan# 8
Delta R.T. 0.006 min
Lab File: VX025869.D
Acq: 16 Dec 2021 20:38

Instrument :
MSVOA_X
ClientSampleId :
P-1

Tgt Ion: 43 Resp: 12874

Ion	Ratio	Lower	Upper
43	100		
61	17.3	15.7	23.5
87	13.2	11.2	16.8

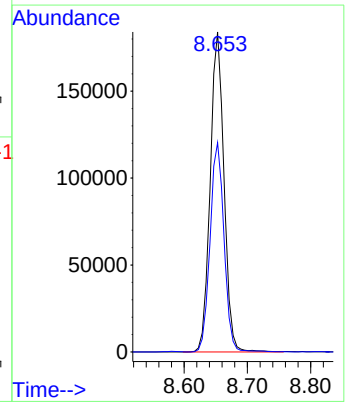


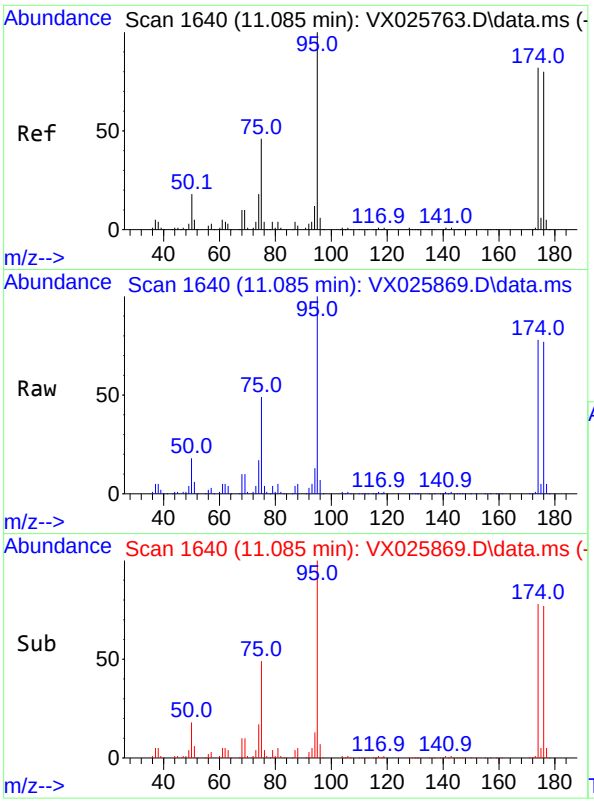


#50
Toluene-d8
Concen: 48.150 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX025869.D
Acq: 16 Dec 2021 20:38

Tgt Ion: 98 Resp: 278936

Ion	Ratio	Lower	Upper
98	100		
100	66.4	52.6	78.8



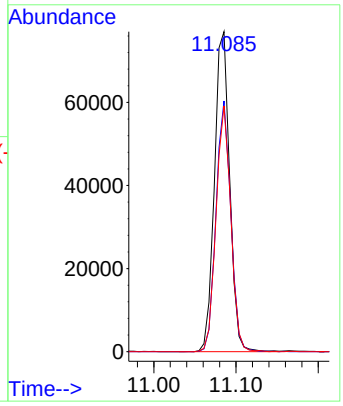


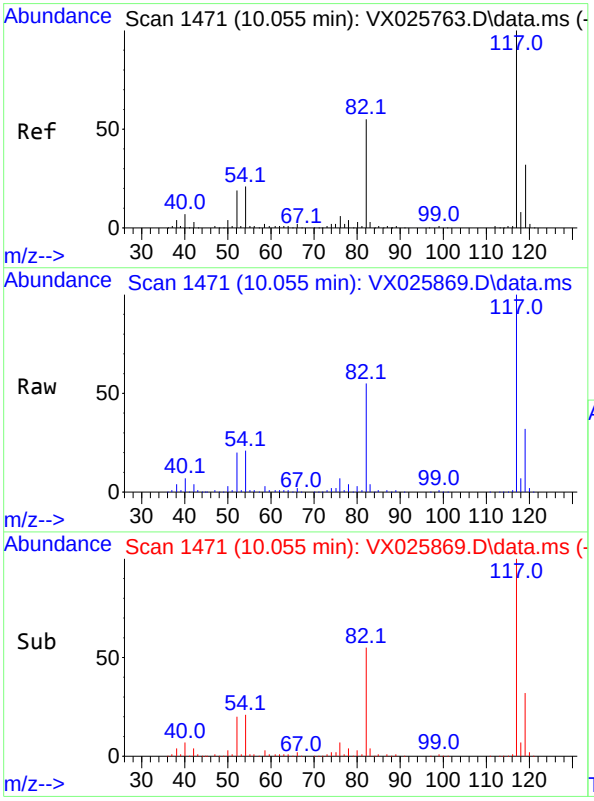
#62
4-Bromofluorobenzene
Concen: 45.107 ug/l
RT: 11.085 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX025869.D
Acq: 16 Dec 2021 20:38

Instrument :
MSVOA_X
ClientSampleId :
P-1

Tgt Ion: 95 Resp: 99261

Ion	Ratio	Lower	Upper
95	100		
174	75.9	0.0	157.4
176	74.3	0.0	154.6

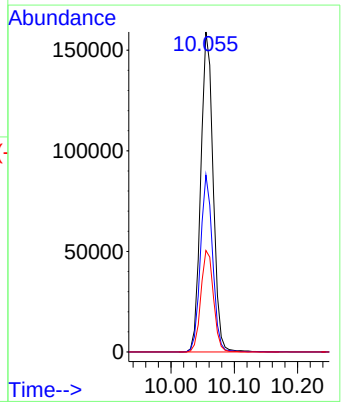


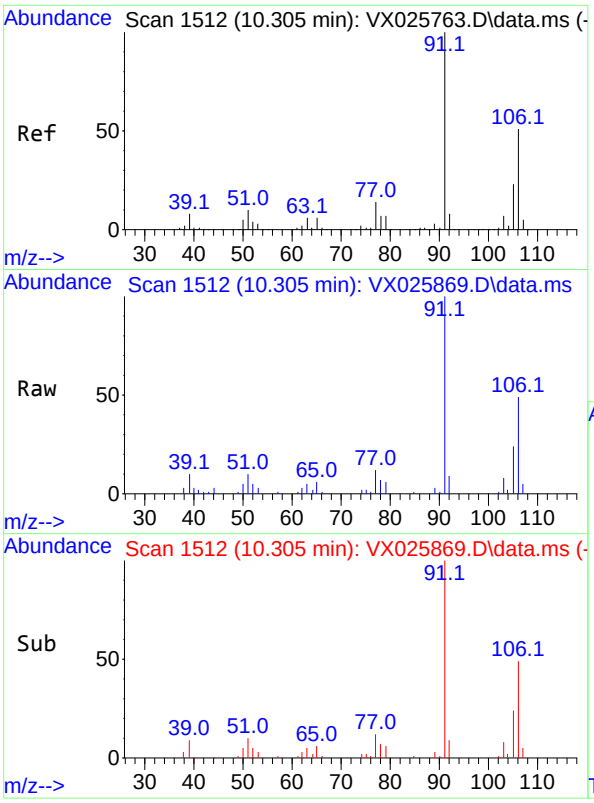


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX025869.D
Acq: 16 Dec 2021 20:38

Tgt Ion:117 Resp: 216325

Ion	Ratio	Lower	Upper
117	100		
82	55.3	43.8	65.6
119	31.7	25.2	37.8



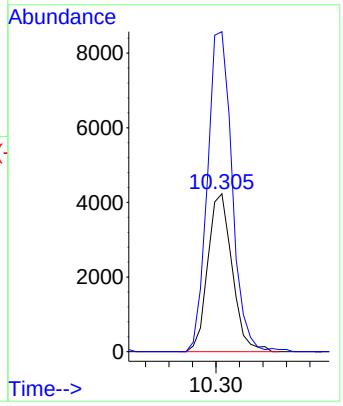


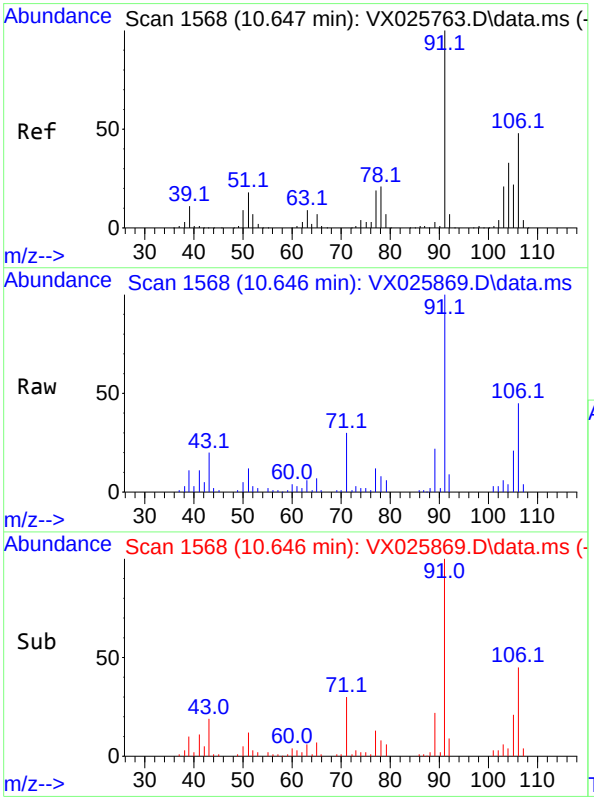
#68
m/p-Xylenes
Concen: 2.051 ug/l
RT: 10.305 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX025869.D
Acq: 16 Dec 2021 20:38

Instrument :
MSVOA_X
ClientSampleId :
P-1

Tgt Ion:106 Resp: 6087

Ion	Ratio	Lower	Upper
106	100		
91	205.6	158.6	238.0

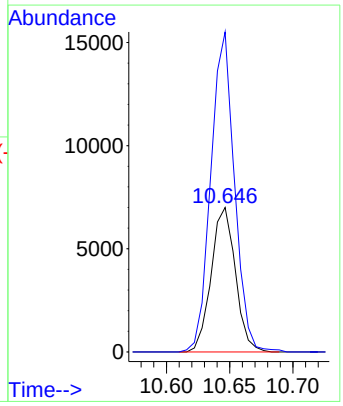


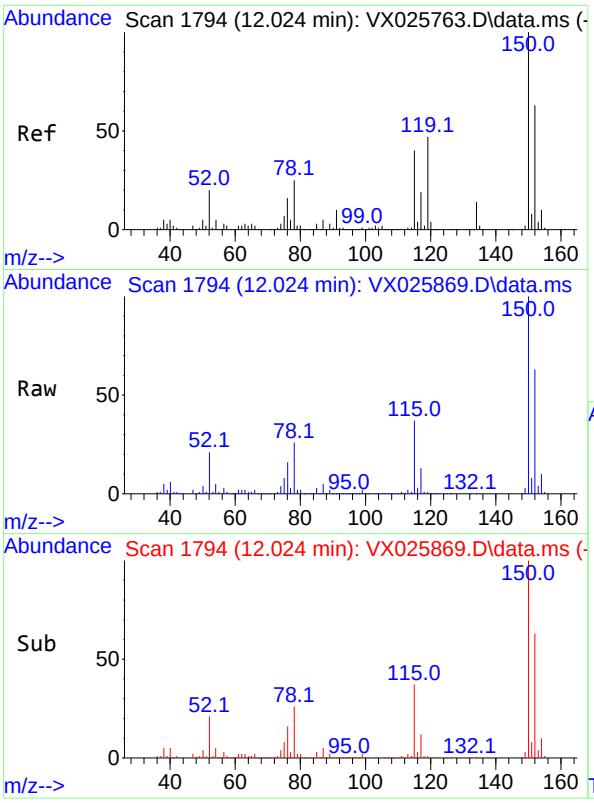


#69
o-Xylene
Concen: 3.194 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VX025869.D
Acq: 16 Dec 2021 20:38

Tgt Ion:106 Resp: 9323

Ion	Ratio	Lower	Upper
106	100		
91	216.4	105.5	316.4



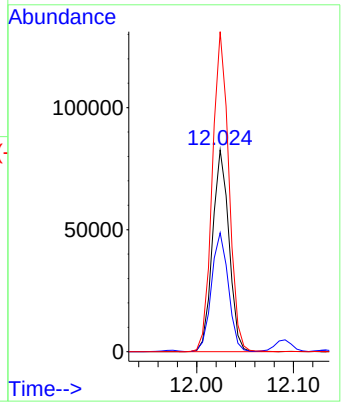


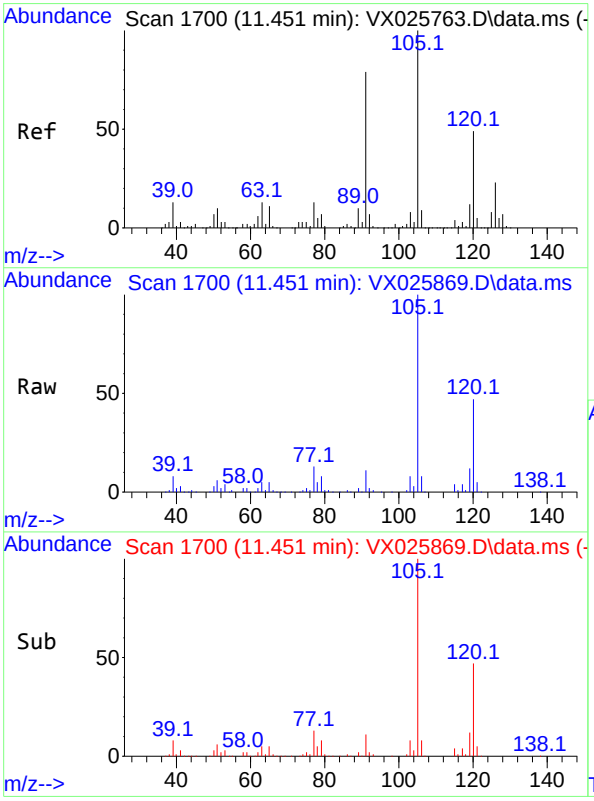
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX025869.D
Acq: 16 Dec 2021 20:38

Instrument :
MSVOA_X
ClientSampleId :
P-1

Tgt Ion:152 Resp: 97846

Ion	Ratio	Lower	Upper
152	100		
115	60.3	41.3	123.9
150	158.9	0.0	351.8

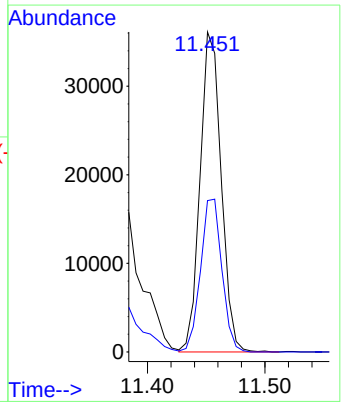


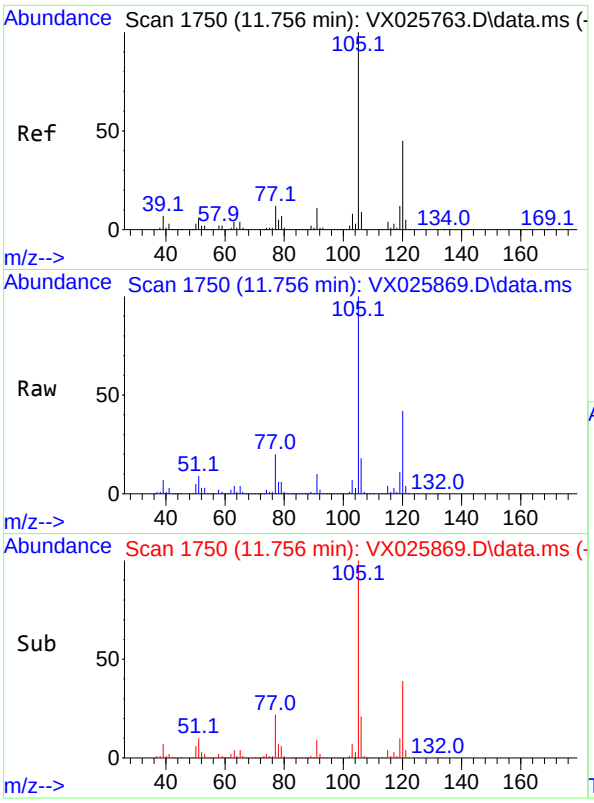


#80
1,3,5-Trimethylbenzene
Concen: 7.644 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX025869.D
Acq: 16 Dec 2021 20:38

Tgt Ion:105 Resp: 45022

Ion	Ratio	Lower	Upper
105	100		
120	48.5	24.9	74.7



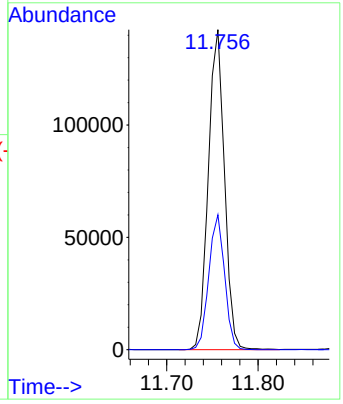


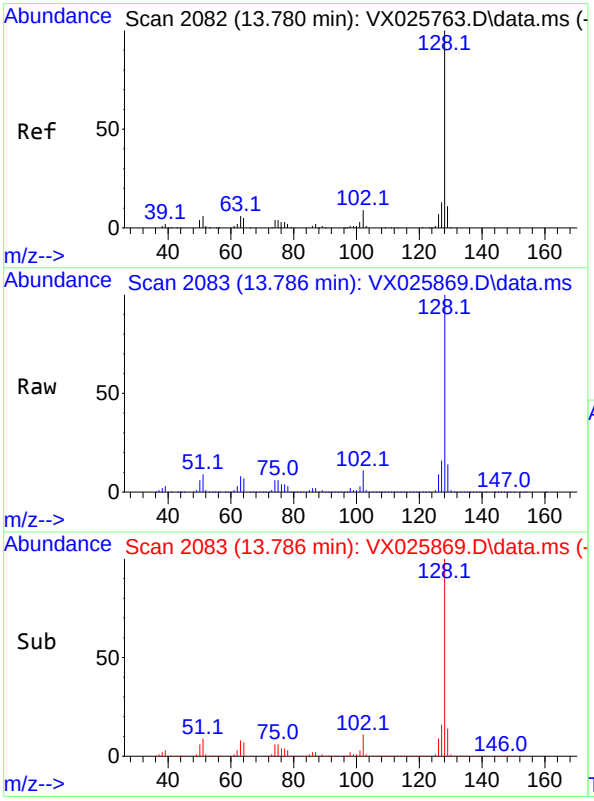
#84
1,2,4-Trimethylbenzene
Concen: 29.579 ug/l
RT: 11.756 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX025869.D
Acq: 16 Dec 2021 20:38

Instrument :
MSVOA_X
ClientSampleId :
P-1

Tgt Ion:105 Resp: 174029

Ion	Ratio	Lower	Upper
105	100		
120	41.2	22.9	68.7





#95
Naphthalene
Concen: 1038.578 ug/l
RT: 13.786 min Scan# 2083
Delta R.T. 0.006 min
Lab File: VX025869.D
Acq: 16 Dec 2021 20:38

Tgt Ion:128 Resp: 7276309

Ion	Ratio	Lower	Upper
128	100		
127	15.3	10.3	15.5
129	13.1	8.8	13.2