Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070622\
Data File : VX029944.D
Acq On : 06 Jul 2022 15:17
Operator : JC/MD
Sample : N3599-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MID0722

Quant Time: Jul 07 02:37:14 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062822W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 29 05:54:51 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.556	168	205345	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	352345	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	308158	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	132988	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	112318	43.211	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	86.420%		
35) Dibromofluoromethane	5.397	113	103672	47.081	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.160%		
50) Toluene-d8	8.653	98	401849	48.646	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	97.300%		
62) 4-Bromofluorobenzene	11.085	95	130890	44.825	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	89.660%		
Target Compounds						Qvalue
11) Tert butyl alcohol	2.965	59	15801	23.244	ug/l #	94
16) Acetone	2.380	43	2443	1.921	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	6819	0.955	ug/l #	81
31) Cyclohexane	5.471	56	9114	2.515	ug/l	85
40) Benzene	6.038	78	48170	5.087	ug/l	96
67) Ethyl Benzene	10.195	91	6182	0.575	ug/l	91
68) m/p-Xylenes	10.305	106	5855	1.419	ug/l	99
84) 1,2,4-Trimethylbenzene	11.756	105	5675	0.709	ug/l	98
95) Naphthalene	13.780	128	5419	0.505	ug/l #	96

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

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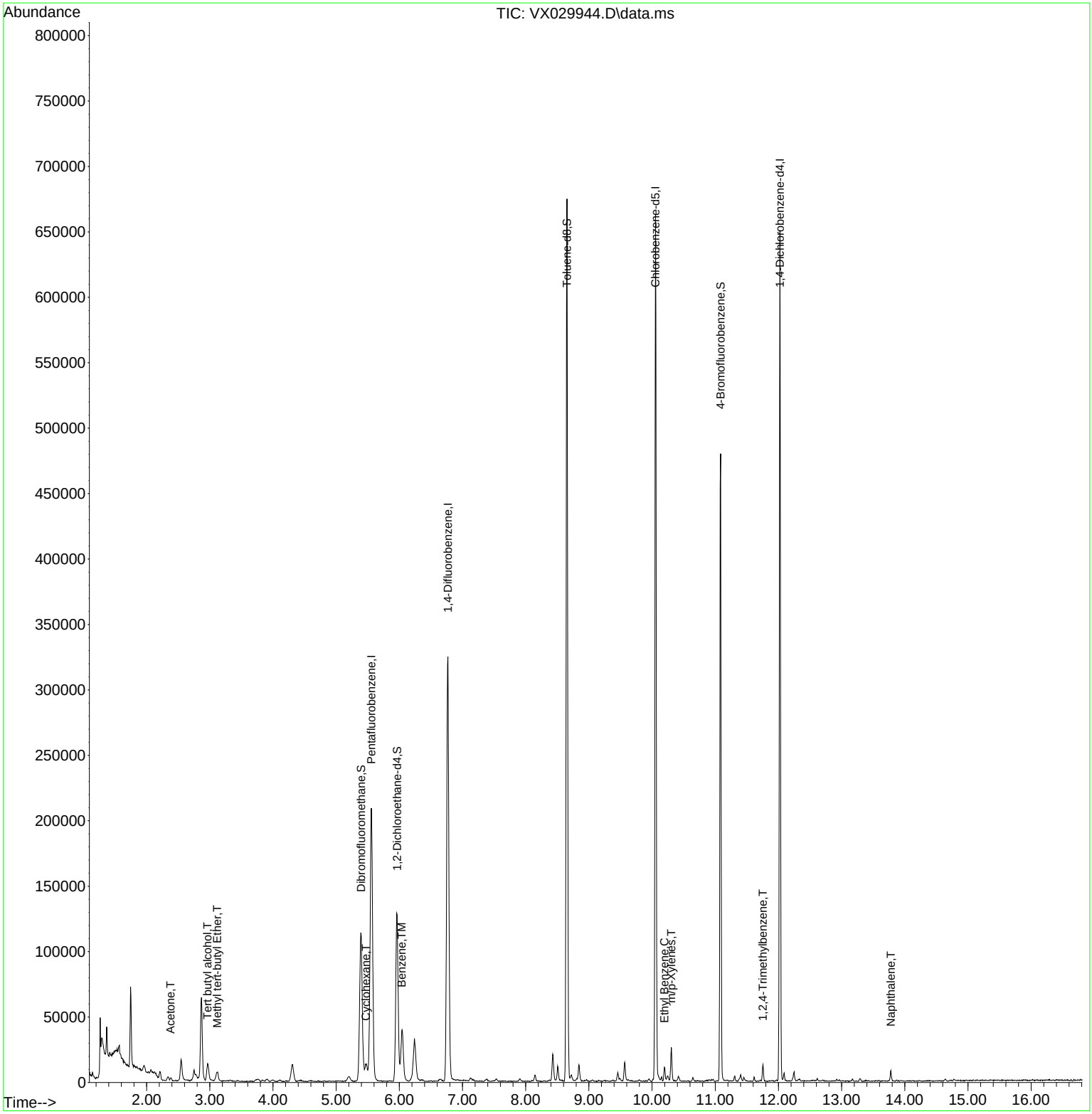
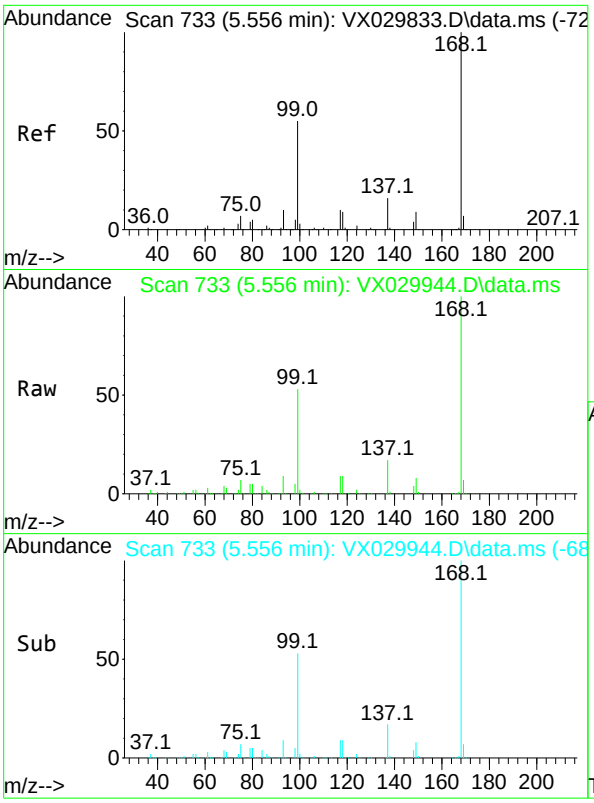
Quant Time: Jul 07 02:37:14 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062822W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 29 05:54:51 2022
Response via : Initial Calibration



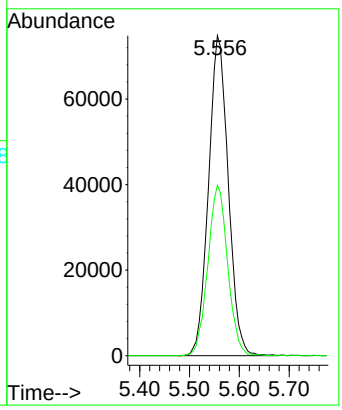


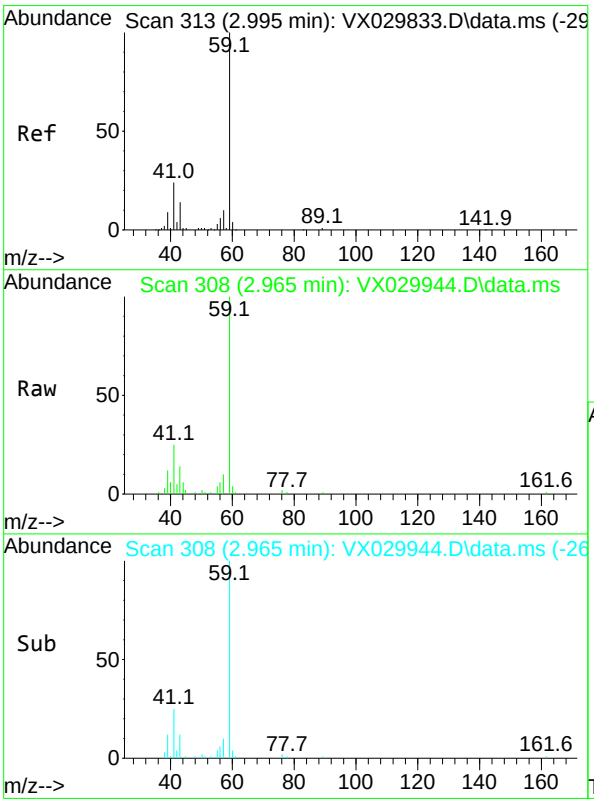
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX029944.D
Acq: 06 Jul 2022 15:17

Instrument :
MSVOA_X
ClientSampleId :
MID0722

Tgt Ion:168 Resp: 205345

Ion	Ratio	Lower	Upper
168	100		
99	53.2	44.0	66.0

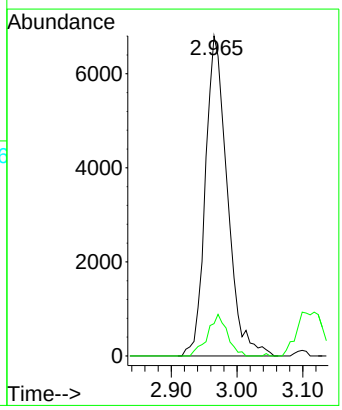


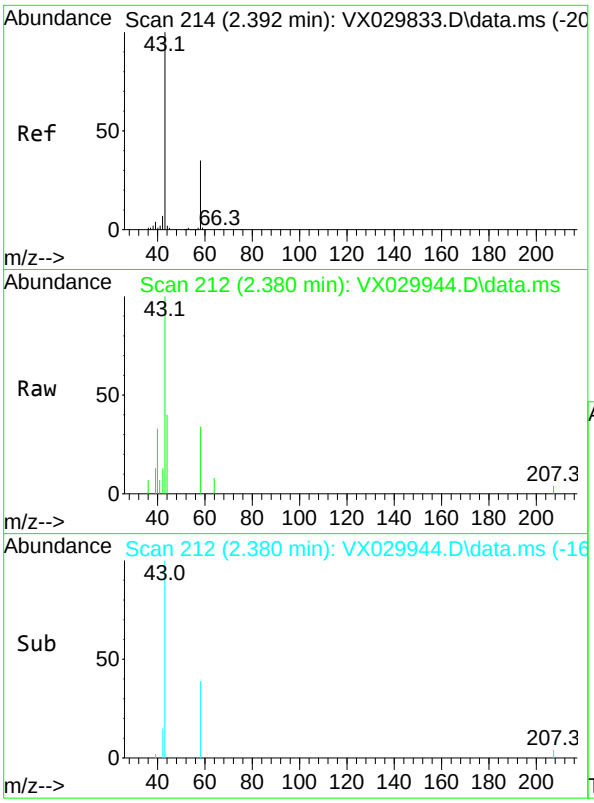


#11
Tert butyl alcohol
Concen: 23.244 ug/l
RT: 2.965 min Scan# 308
Delta R.T. -0.030 min
Lab File: VX029944.D
Acq: 06 Jul 2022 15:17

Tgt Ion: 59 Resp: 15801

Ion	Ratio	Lower	Upper
59	100		
57	11.6	7.4	11.2#



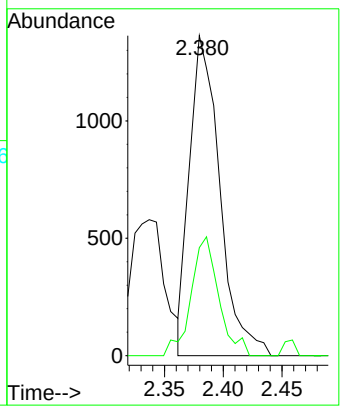


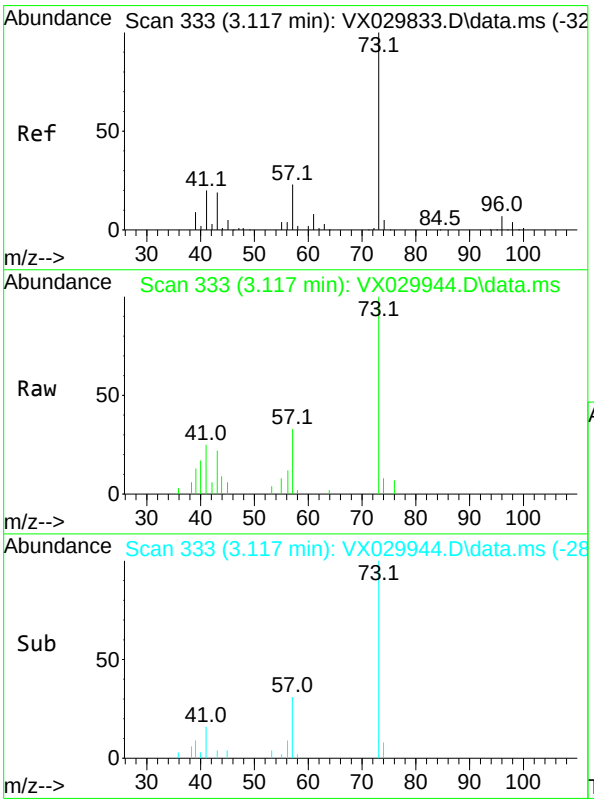
#16
Acetone
Concen: 1.921 ug/l
RT: 2.380 min Scan# 21
Delta R.T. -0.012 min
Lab File: VX029944.D
Acq: 06 Jul 2022 15:17

Instrument :
MSVOA_X
ClientSampleId :
MID0722

Tgt Ion: 43 Resp: 2443

Ion	Ratio	Lower	Upper
43	100		
58	33.7	27.7	41.5

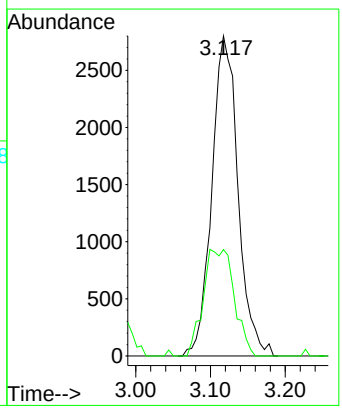


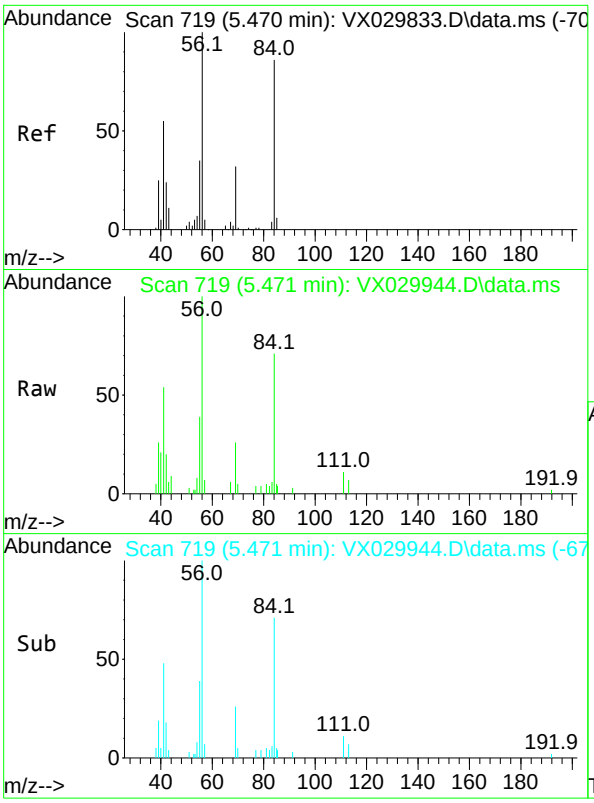


#19
Methyl tert-butyl Ether
Concen: 0.955 ug/l
RT: 3.117 min Scan# 333
Delta R.T. 0.000 min
Lab File: VX029944.D
Acq: 06 Jul 2022 15:17

Tgt Ion: 73 Resp: 6819

Ion	Ratio	Lower	Upper
73	100		
57	33.3	19.0	28.6#



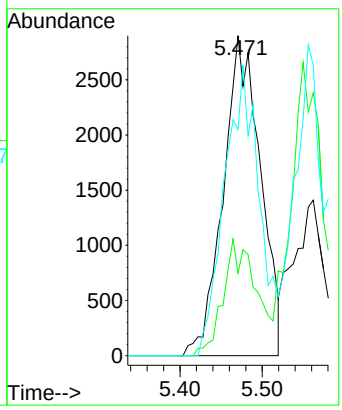


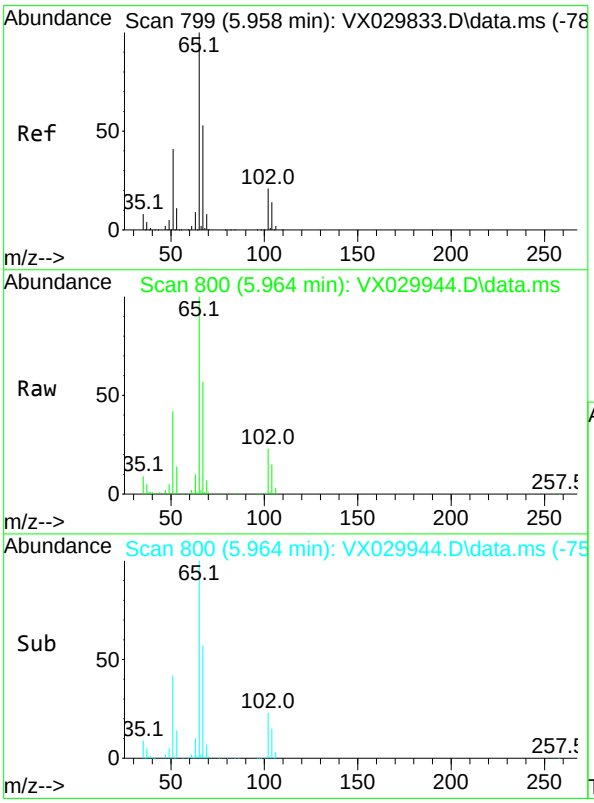
#31
Cyclohexane
Concen: 2.515 ug/l
RT: 5.471 min Scan# 7
Delta R.T. 0.000 min
Lab File: VX029944.D
Acq: 06 Jul 2022 15:17

Instrument :
MSVOA_X
ClientSampleId :
MID0722

Tgt Ion: 56 Resp: 9114

Ion	Ratio	Lower	Upper
56	100		
69	25.8	25.4	38.0
84	70.7	68.9	103.3

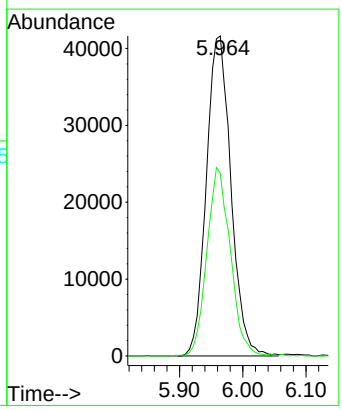


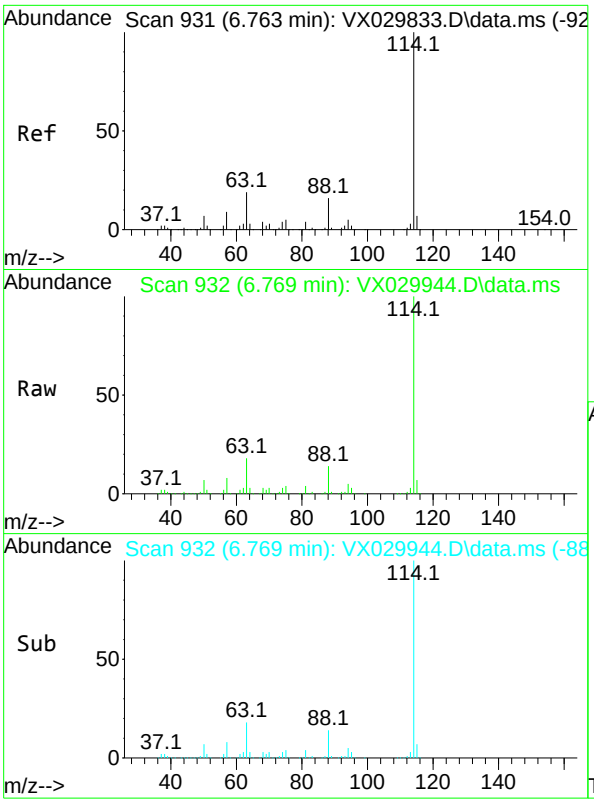


#33
1,2-Dichloroethane-d4
Concen: 43.211 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.006 min
Lab File: VX029944.D
Acq: 06 Jul 2022 15:17

Tgt Ion: 65 Resp: 112318

Ion	Ratio	Lower	Upper
65	100		
67	56.4	0.0	109.6



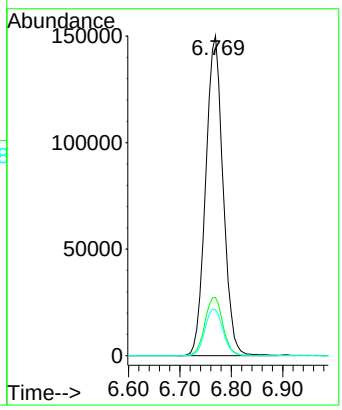


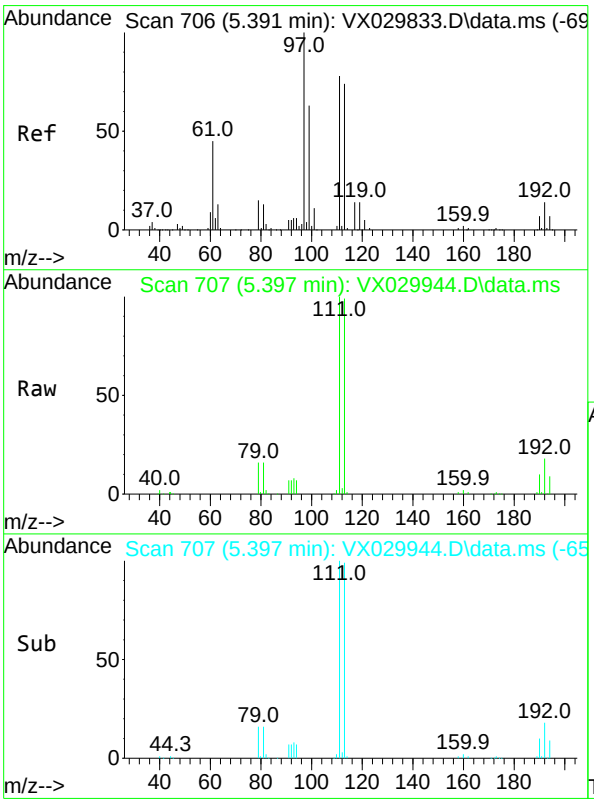
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 9
Delta R.T. 0.006 min
Lab File: VX029944.D
Acq: 06 Jul 2022 15:17

Instrument :
MSVOA_X
ClientSampleId :
MID0722

Tgt Ion:114 Resp: 352345

Ion	Ratio	Lower	Upper
114	100		
63	18.2	0.0	38.4
88	14.4	0.0	31.8

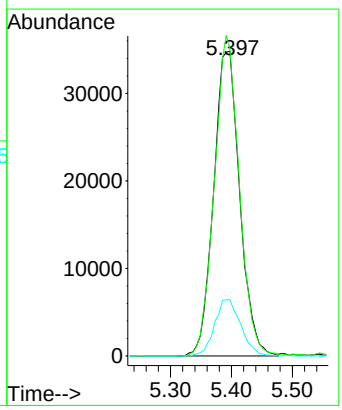


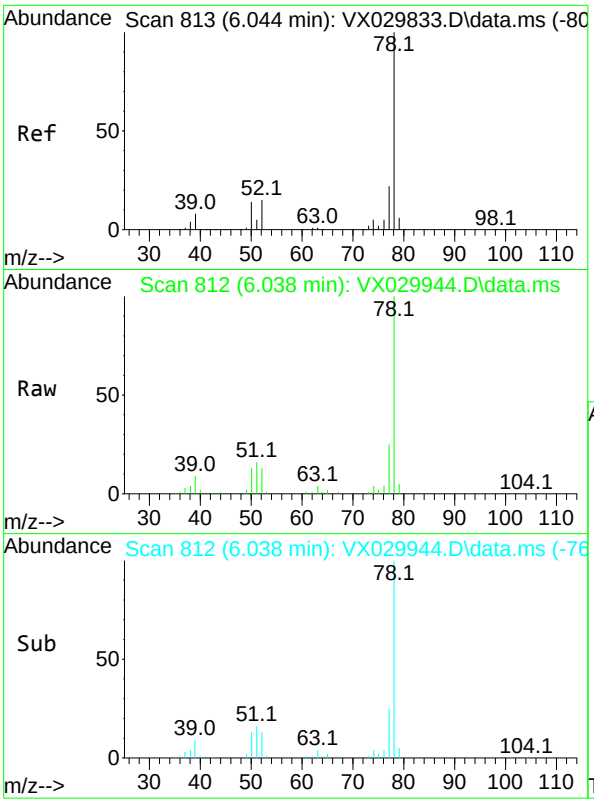


#35
Dibromofluoromethane
Concen: 47.081 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.006 min
Lab File: VX029944.D
Acq: 06 Jul 2022 15:17

Tgt Ion:113 Resp: 103672

Ion	Ratio	Lower	Upper
113	100		
111	100.6	83.2	124.8
192	18.5	14.8	22.2



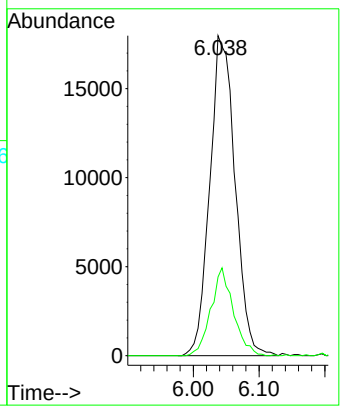


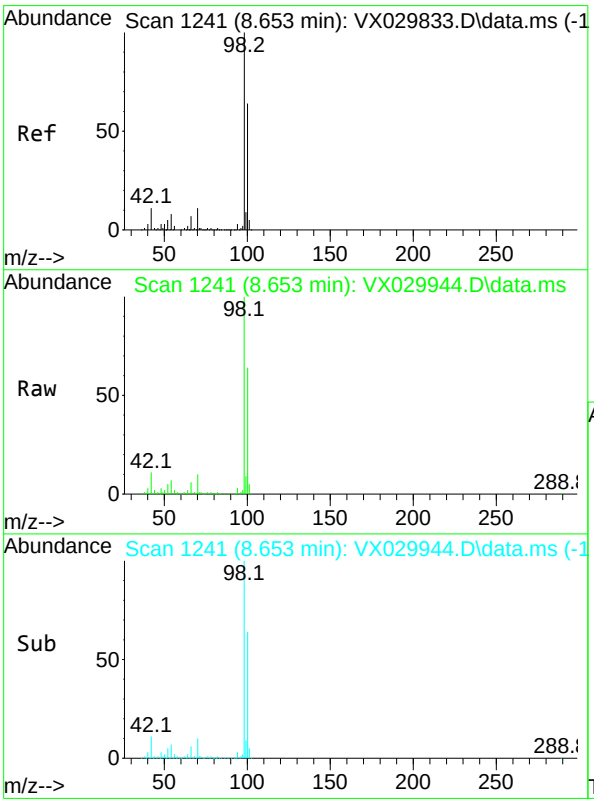
#40
Benzene
Concen: 5.087 ug/l
RT: 6.038 min Scan# 8
Delta R.T. -0.006 min
Lab File: VX029944.D
Acq: 06 Jul 2022 15:17

Instrument :
MSVOA_X
ClientSampleId :
MID0722

Tgt Ion: 78 Resp: 48170

Ion	Ratio	Lower	Upper
78	100		
77	24.6	18.0	27.0

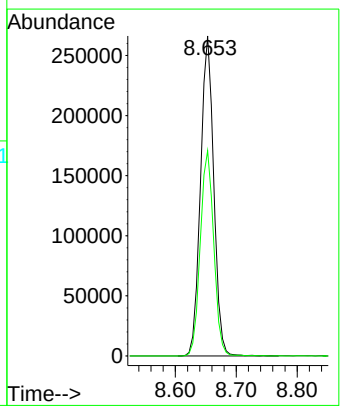


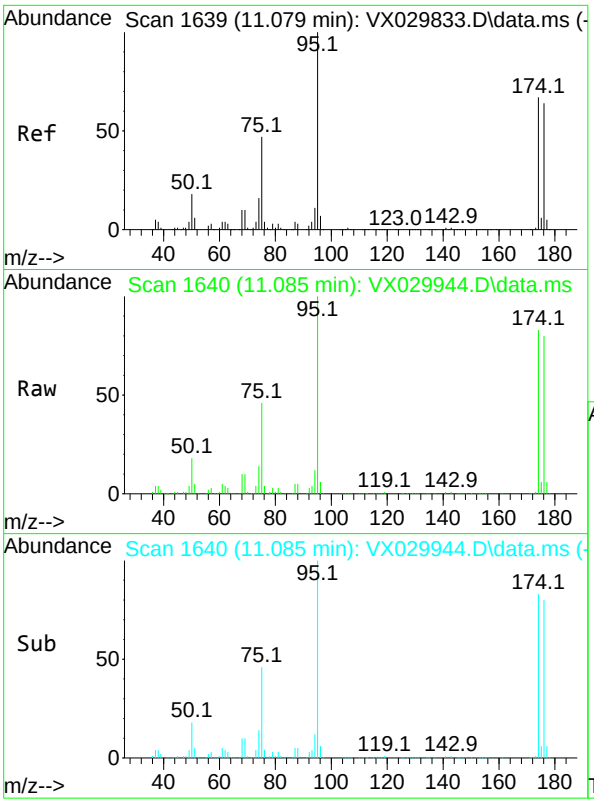


#50
Toluene-d8
Concen: 48.646 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX029944.D
Acq: 06 Jul 2022 15:17

Tgt Ion: 98 Resp: 401849

Ion	Ratio	Lower	Upper
98	100		
100	65.2	52.3	78.5



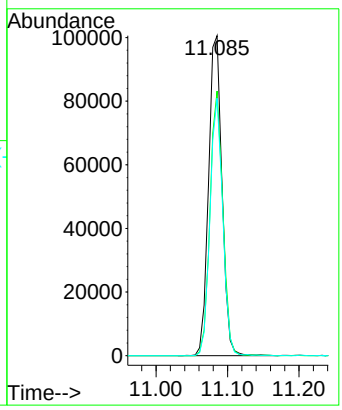


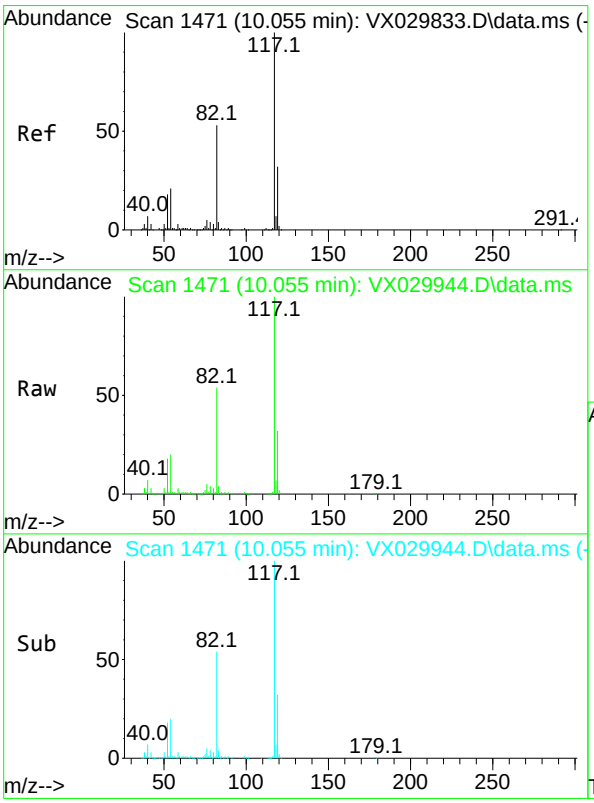
#62
4-Bromofluorobenzene
Concen: 44.825 ug/l
RT: 11.085 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX029944.D
Acq: 06 Jul 2022 15:17

Instrument :
MSVOA_X
ClientSampleId :
MID0722

Tgt Ion: 95 Resp: 130890

Ion	Ratio	Lower	Upper
95	100		
174	79.1	0.0	149.0
176	76.3	0.0	146.0

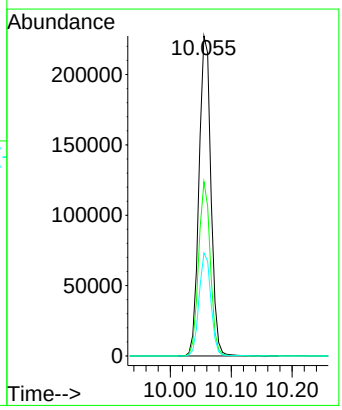


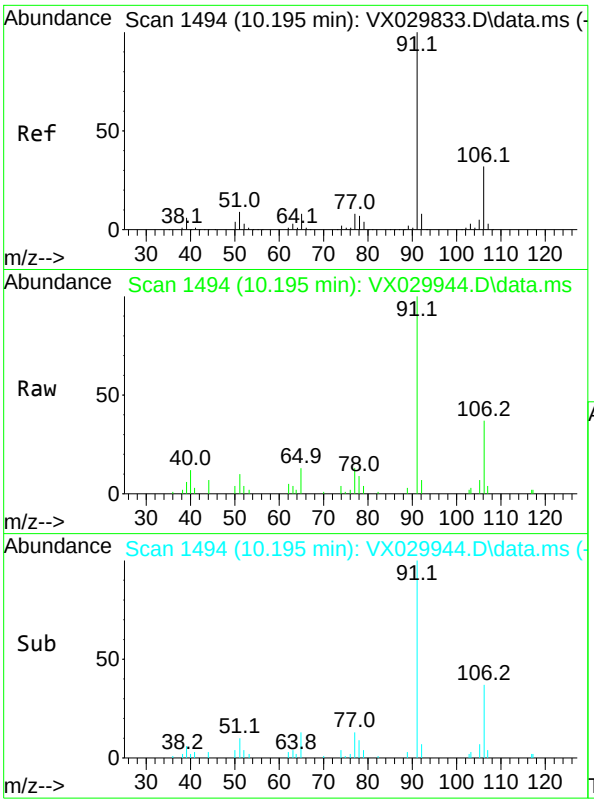


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX029944.D
Acq: 06 Jul 2022 15:17

Tgt Ion:117 Resp: 308158

Ion	Ratio	Lower	Upper
117	100		
82	54.5	42.7	64.1
119	32.2	25.4	38.2



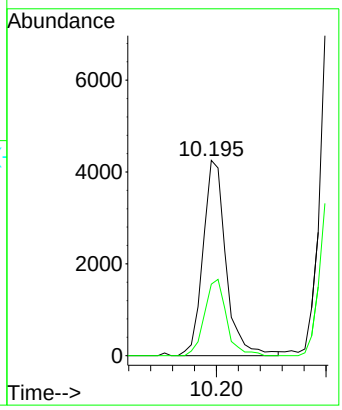


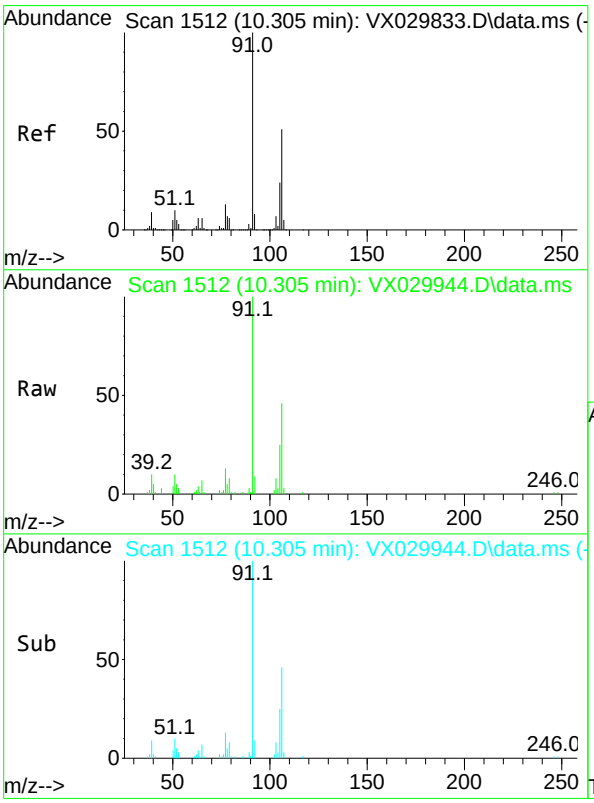
#67
Ethyl Benzene
Concen: 0.575 ug/l
RT: 10.195 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX029944.D
Acq: 06 Jul 2022 15:17

Instrument :
MSVOA_X
ClientSampleId :
MID0722

Tgt Ion: 91 Resp: 6182

Ion	Ratio	Lower	Upper
91	100		
106	36.7	25.5	38.3

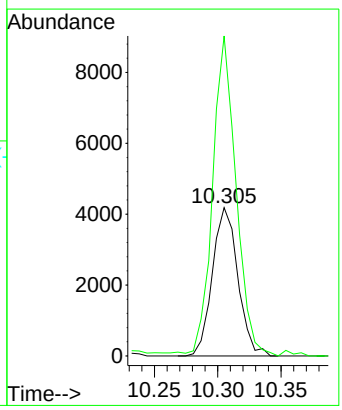


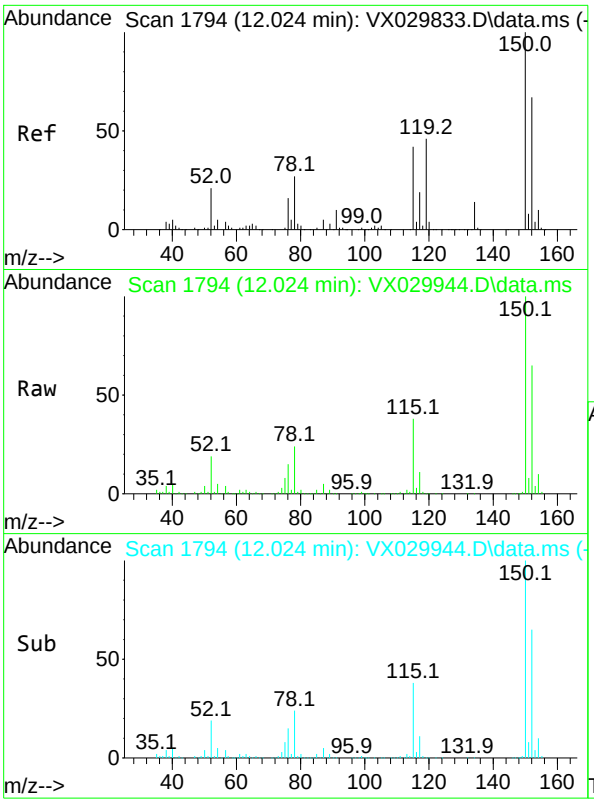


#68
m/p-Xylenes
Concen: 1.419 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX029944.D
Acq: 06 Jul 2022 15:17

Tgt Ion:106 Resp: 5855

Ion	Ratio	Lower	Upper
106	100		
91	199.3	158.2	237.4



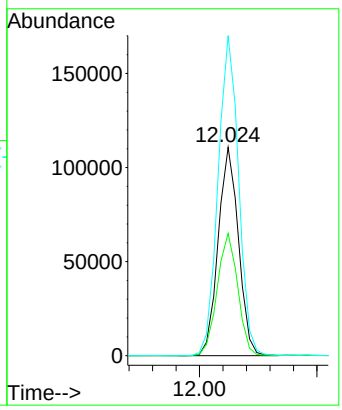


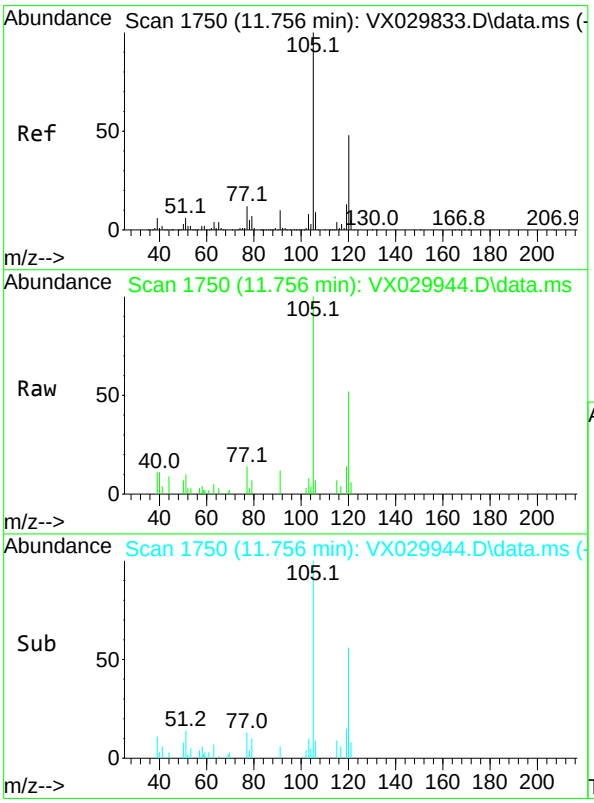
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX029944.D
Acq: 06 Jul 2022 15:17

Instrument :
MSVOA_X
ClientSampleId :
MID0722

Tgt Ion:152 Resp: 132988

Ion	Ratio	Lower	Upper
152	100		
115	59.3	40.5	121.5
150	155.6	0.0	347.0

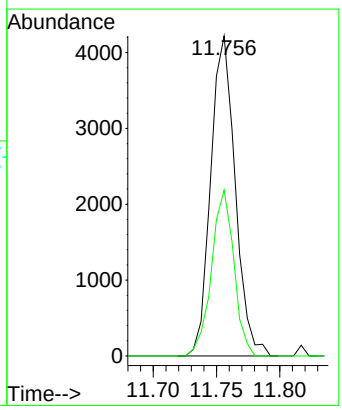


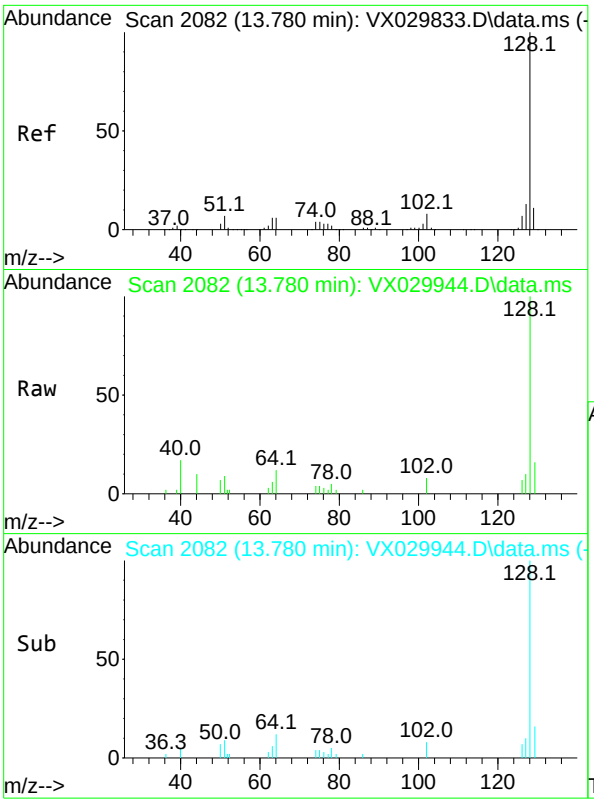


#84
1,2,4-Trimethylbenzene
Concen: 0.709 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VX029944.D
Acq: 06 Jul 2022 15:17

Tgt Ion:105 Resp: 5675

Ion	Ratio	Lower	Upper
105	100		
120	47.3	22.9	68.8





#95
Naphthalene
Concen: 0.505 ug/l
RT: 13.780 min Scan# 2
Delta R.T. 0.000 min
Lab File: VX029944.D
Acq: 06 Jul 2022 15:17

Instrument :
MSVOA_X
ClientSampleId :
MID0722

Tgt Ion:128 Resp: 5419

Ion	Ratio	Lower	Upper
128	100		
127	10.0	10.2	15.2#
129	11.2	8.6	13.0