Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122022\
Data File : VX033502.D
Acq On : 20 Dec 2022 12:58
Operator : JC/MD
Sample : N6149-01 100X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
EMER-1

Quant Time: Dec 21 04:13:50 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	133484	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	211191	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	189357	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	94474	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	40028	46.743	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 93.480%			
35) Dibromofluoromethane	5.385	113	47289	49.783	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.560%			
50) Toluene-d8	8.647	98	97589	49.110	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 98.220%			
62) 4-Bromofluorobenzene	11.079	95	78297	51.532	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 103.060%			
Target Compounds						Qvalue
11) Tert butyl alcohol	2.965	59	19685	75.187	ug/l #	63
16) Acetone	2.392	43	27946	44.102	ug/l	97
18) Methyl Acetate	2.703	43	7457	4.065	ug/l	98
25) 2-Butanone	4.568	43	5800	6.377	ug/l	97
52) Toluene	8.720	92	22024	6.308	ug/l	99
67) Ethyl Benzene	10.195	91	58313	8.729	ug/l	100
68) m/p-Xylenes	10.299	106	195309	75.145	ug/l	97
69) o-Xylene	10.640	106	108148	42.097	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	20582	3.617	ug/l	97

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

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120722W.M
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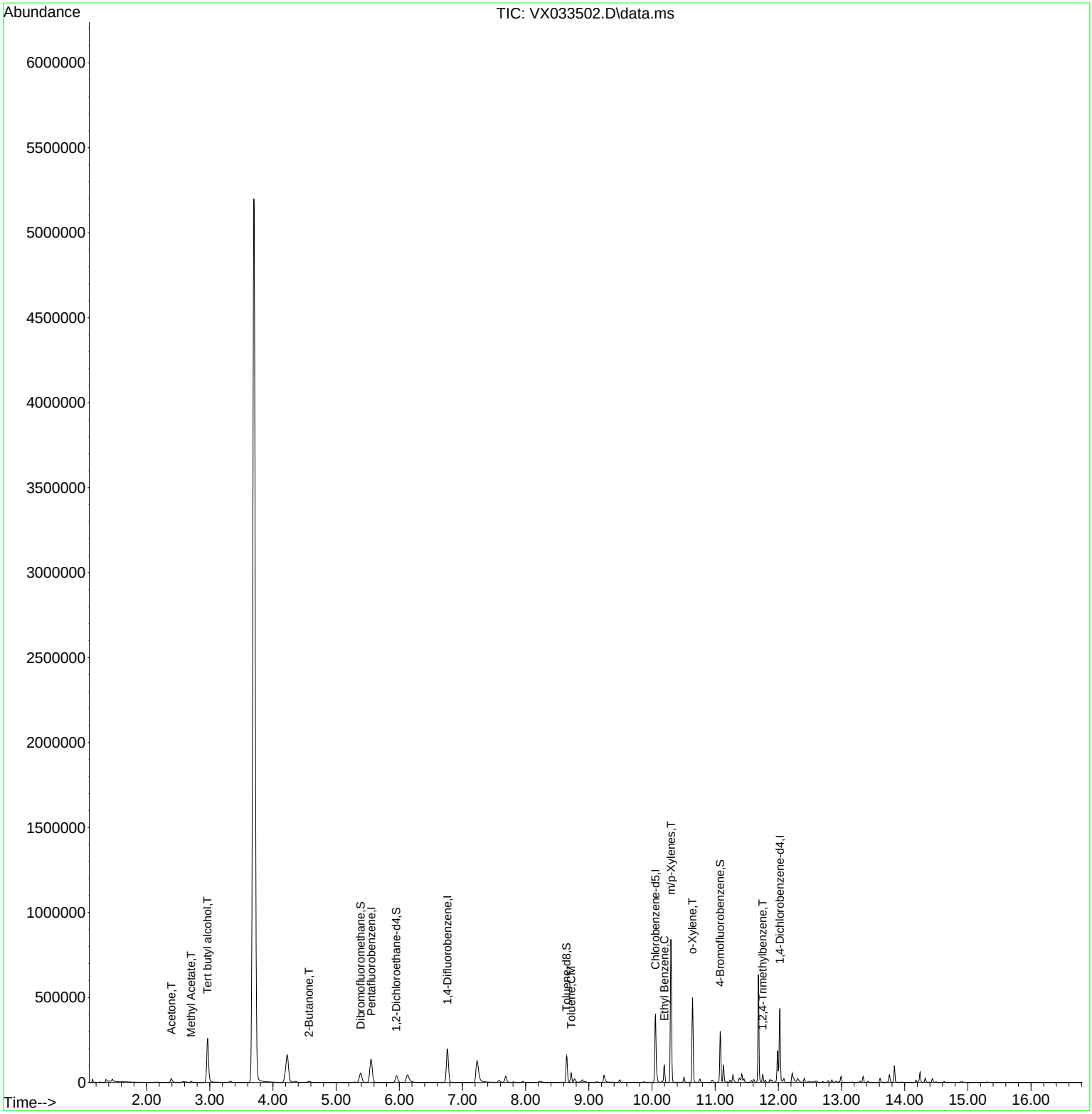
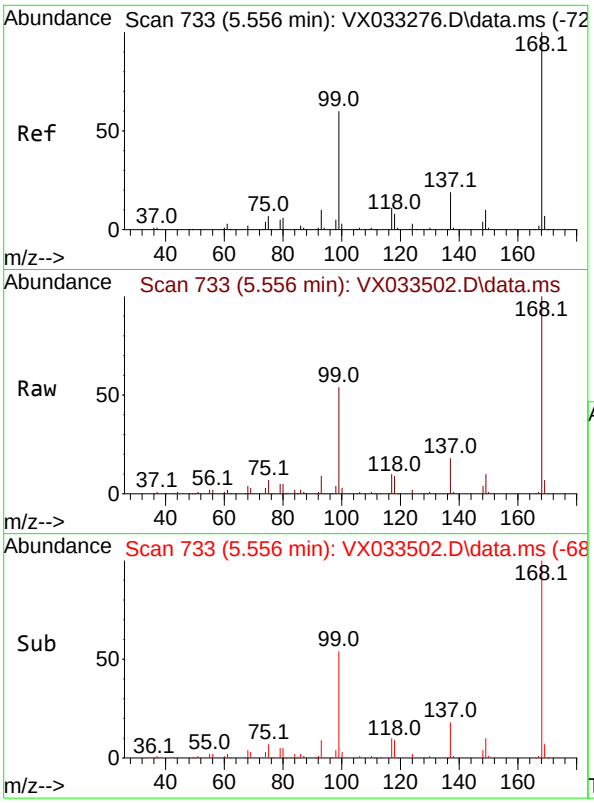


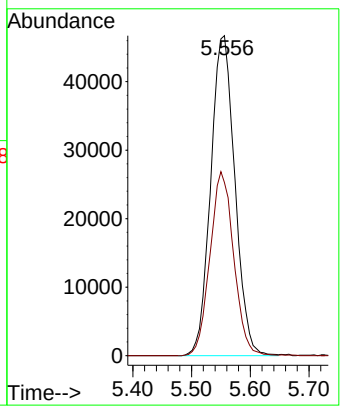


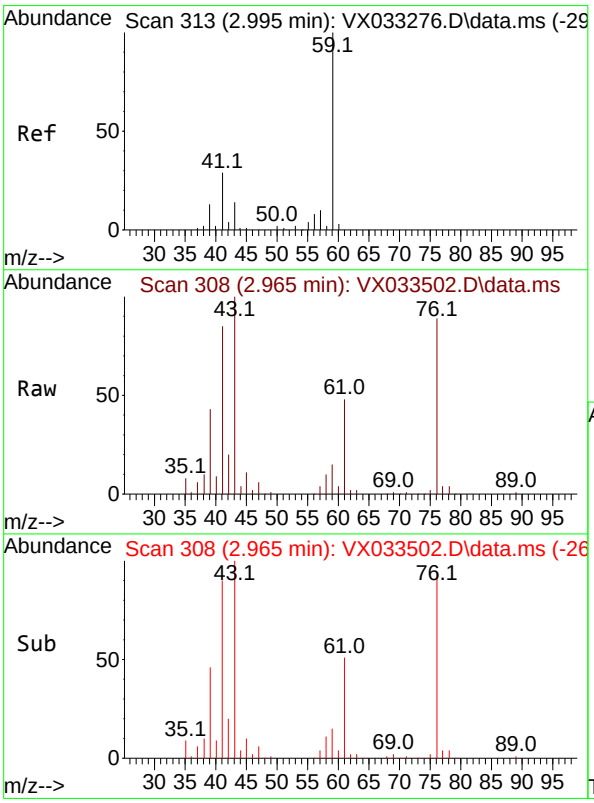
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX033502.D
Acq: 20 Dec 2022 12:58

Instrument :
MSVOA_X
ClientSampleId :
EMER-1

Tgt Ion:168 Resp: 133484

Ion	Ratio	Lower	Upper
168	100		
99	54.1	46.1	69.1

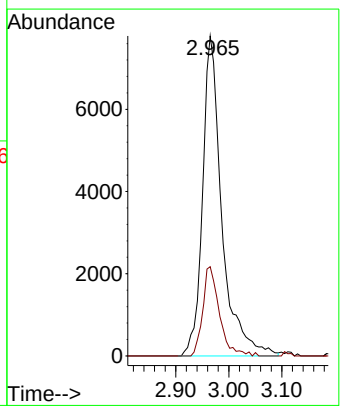


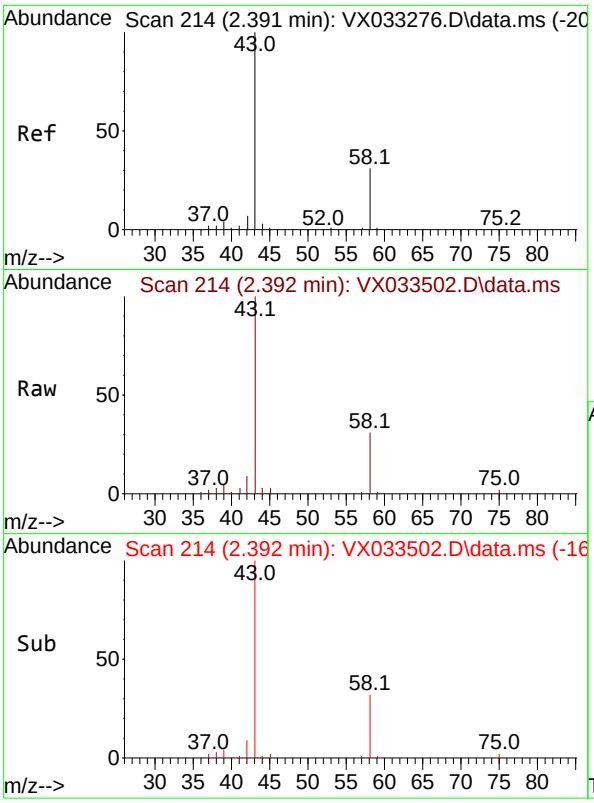


#11
Tert butyl alcohol
Concen: 75.187 ug/l
RT: 2.965 min Scan# 308
Delta R.T. -0.030 min
Lab File: VX033502.D
Acq: 20 Dec 2022 12:58

Tgt Ion: 59 Resp: 19685

Ion	Ratio	Lower	Upper
59	100		
57	24.1	8.2	12.4#



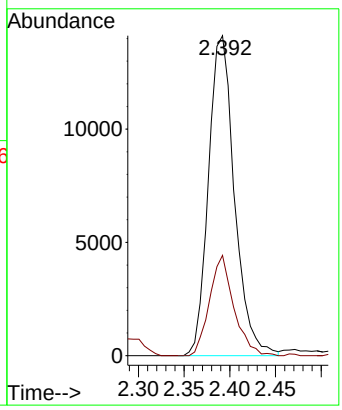


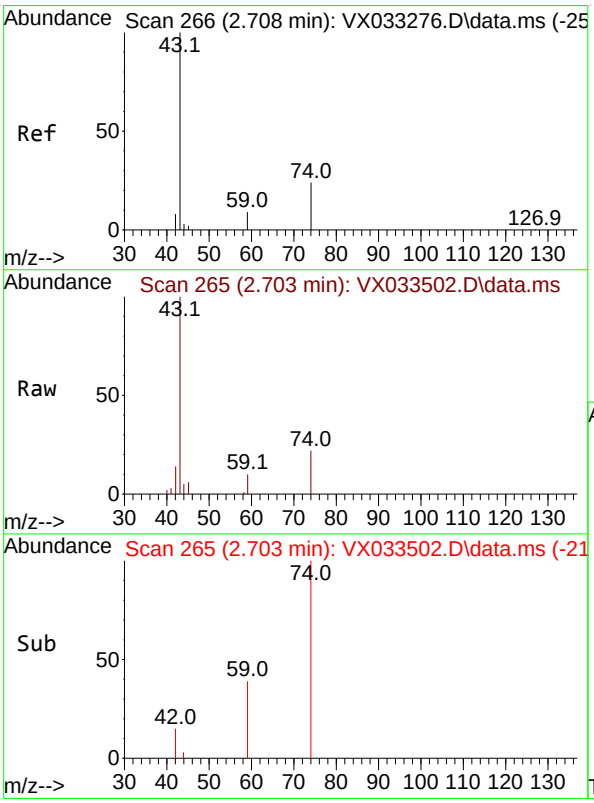
#16
Acetone
Concen: 44.102 ug/l
RT: 2.392 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX033502.D
Acq: 20 Dec 2022 12:58

Instrument :
MSVOA_X
ClientSampleId :
EMER-1

Tgt Ion: 43 Resp: 27946

Ion	Ratio	Lower	Upper
43	100		
58	31.3	23.8	35.8

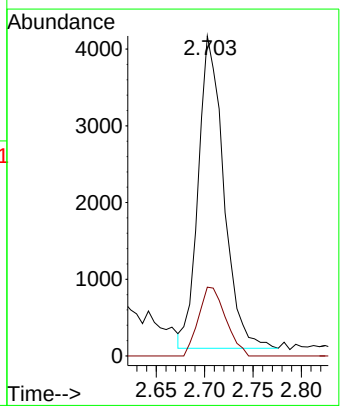


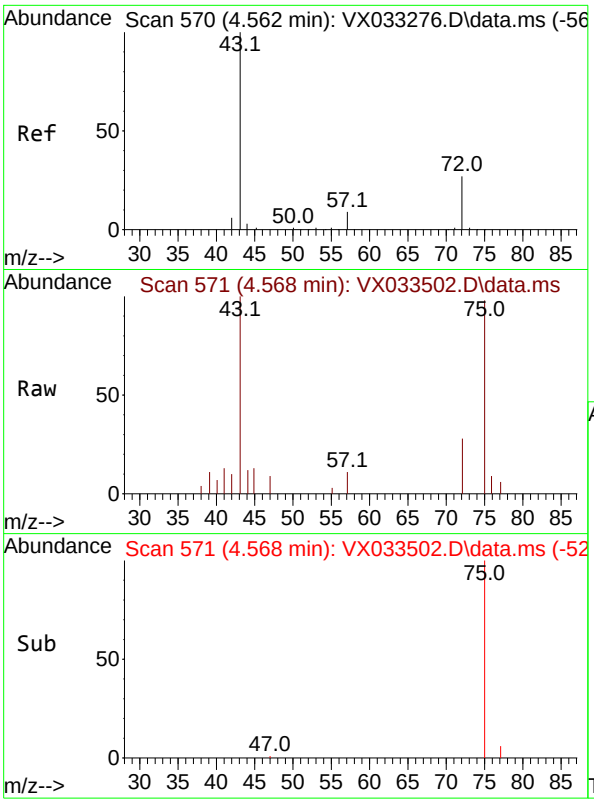


#18
Methyl Acetate
Concen: 4.065 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.006 min
Lab File: VX033502.D
Acq: 20 Dec 2022 12:58

Tgt Ion: 43 Resp: 7457

Ion	Ratio	Lower	Upper
43	100		
74	23.5	19.4	29.0



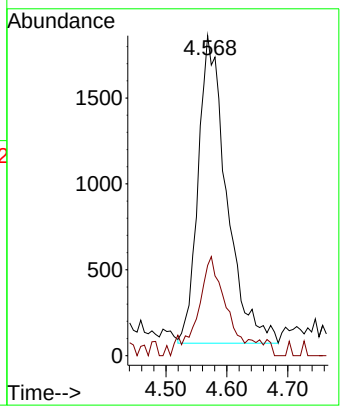


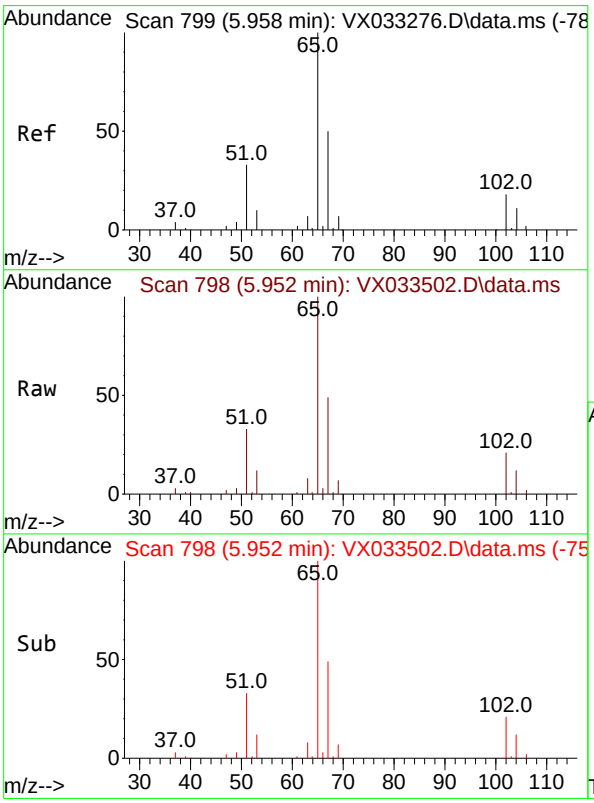
#25
2-Butanone
Concen: 6.377 ug/l
RT: 4.568 min Scan# 5
Delta R.T. 0.007 min
Lab File: VX033502.D
Acq: 20 Dec 2022 12:58

Instrument :
MSVOA_X
ClientSampleId :
EMER-1

Tgt Ion: 43 Resp: 5800

Ion	Ratio	Lower	Upper
43	100		
72	29.3	22.2	33.2

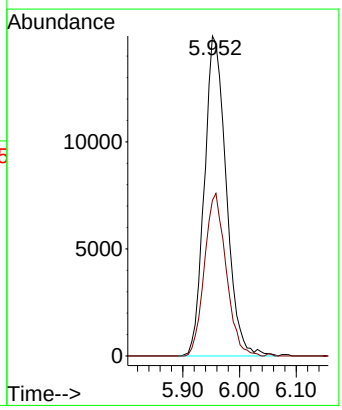


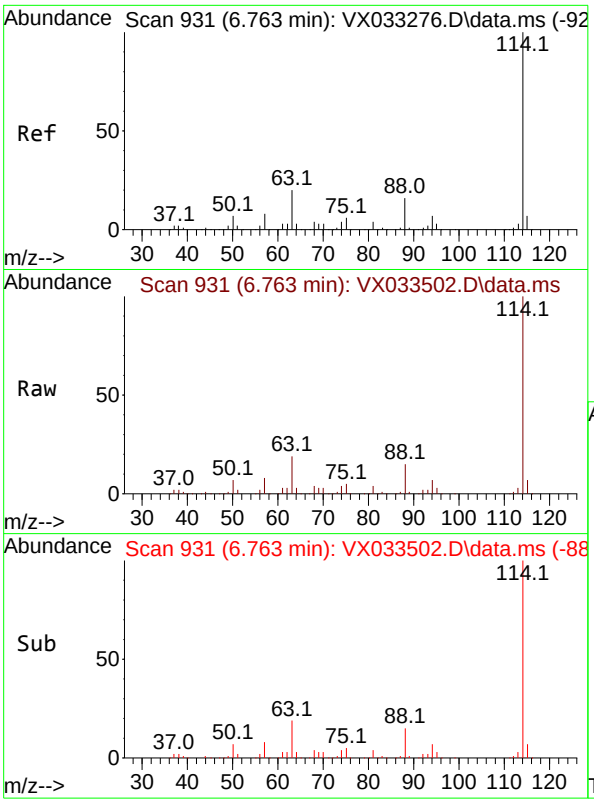


#33
1,2-Dichloroethane-d4
Concen: 46.743 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX033502.D
Acq: 20 Dec 2022 12:58

Tgt Ion: 65 Resp: 40028

Ion	Ratio	Lower	Upper
65	100		
67	50.4	0.0	101.8



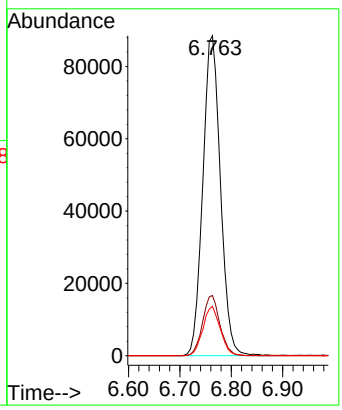


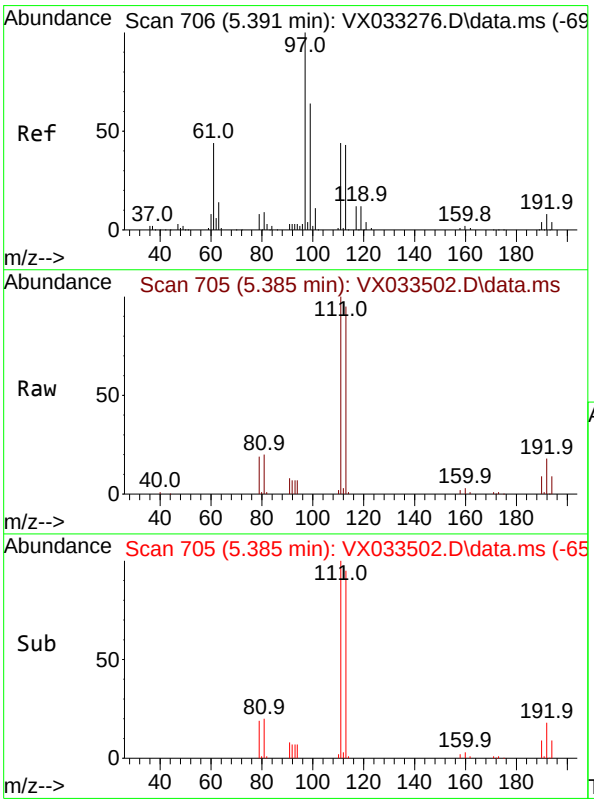
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 9
Delta R.T. 0.000 min
Lab File: VX033502.D
Acq: 20 Dec 2022 12:58

Instrument :
MSVOA_X
ClientSampleId :
EMER-1

Tgt Ion:114 Resp: 211191

Ion	Ratio	Lower	Upper
114	100		
63	18.8	0.0	41.6
88	15.5	0.0	33.4

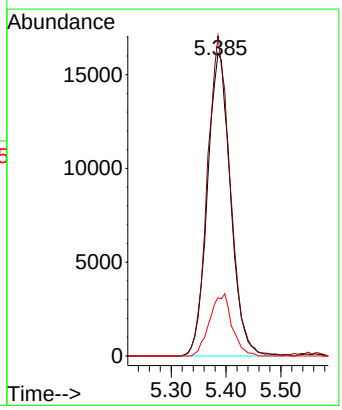


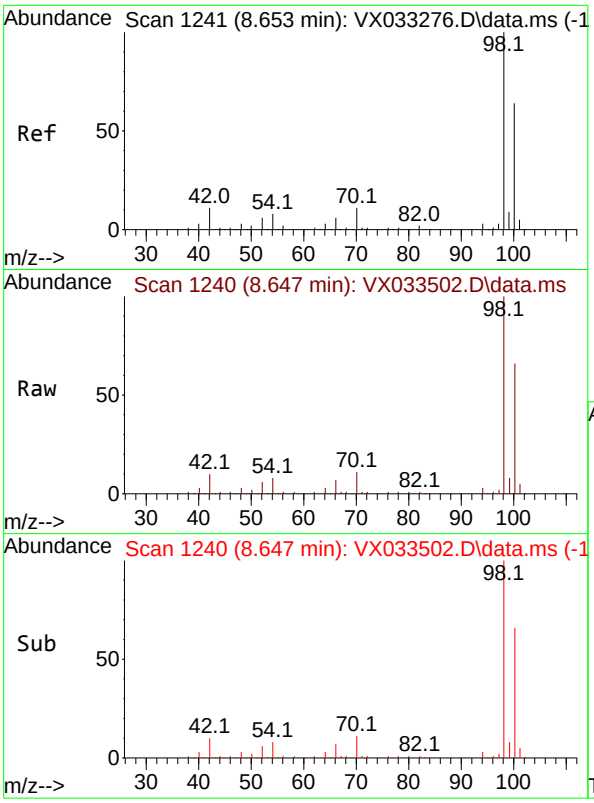


#35
Dibromofluoromethane
Concen: 49.783 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX033502.D
Acq: 20 Dec 2022 12:58

Tgt Ion:113 Resp: 47289

Ion	Ratio	Lower	Upper
113	100		
111	104.0	82.4	123.6
192	19.9	15.4	23.2



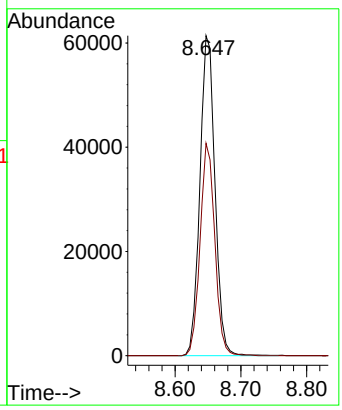


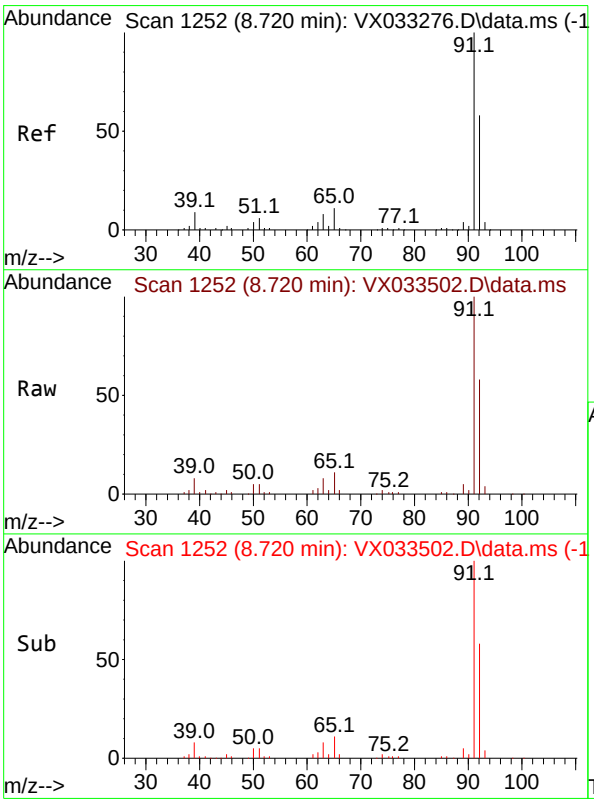
#50
Toluene-d8
Concen: 49.110 ug/l
RT: 8.647 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX033502.D
Acq: 20 Dec 2022 12:58

Instrument :
MSVOA_X
ClientSampleId :
EMER-1

Tgt Ion: 98 Resp: 97589

Ion	Ratio	Lower	Upper
98	100		
100	64.9	50.9	76.3

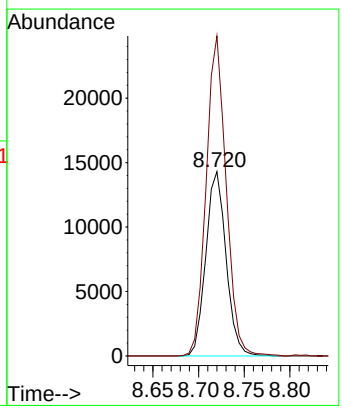


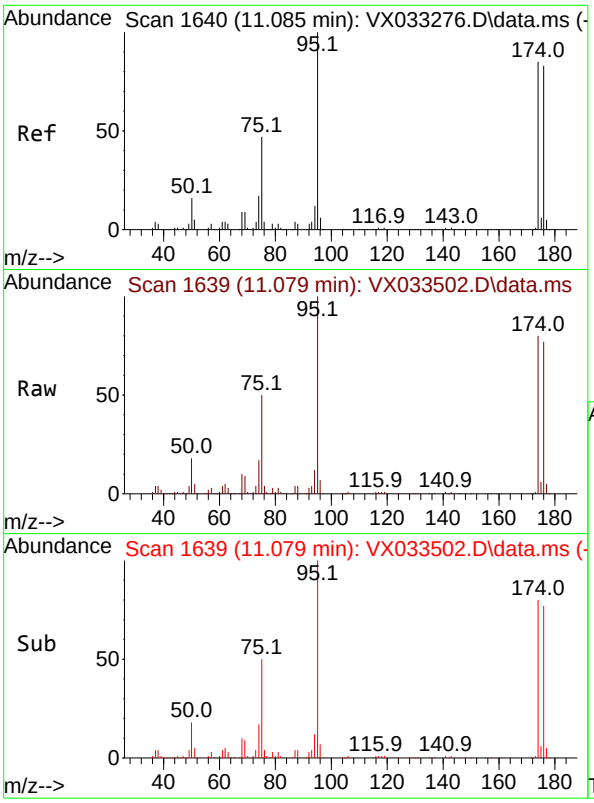


#52
Toluene
Concen: 6.308 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX033502.D
Acq: 20 Dec 2022 12:58

Tgt Ion: 92 Resp: 22024

Ion	Ratio	Lower	Upper
92	100		
91	171.1	138.3	207.5



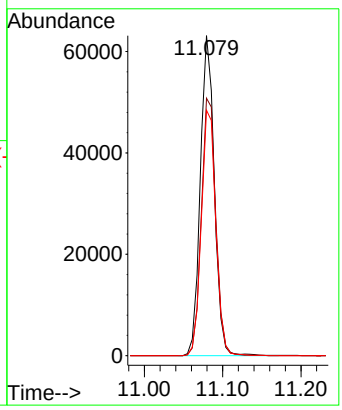


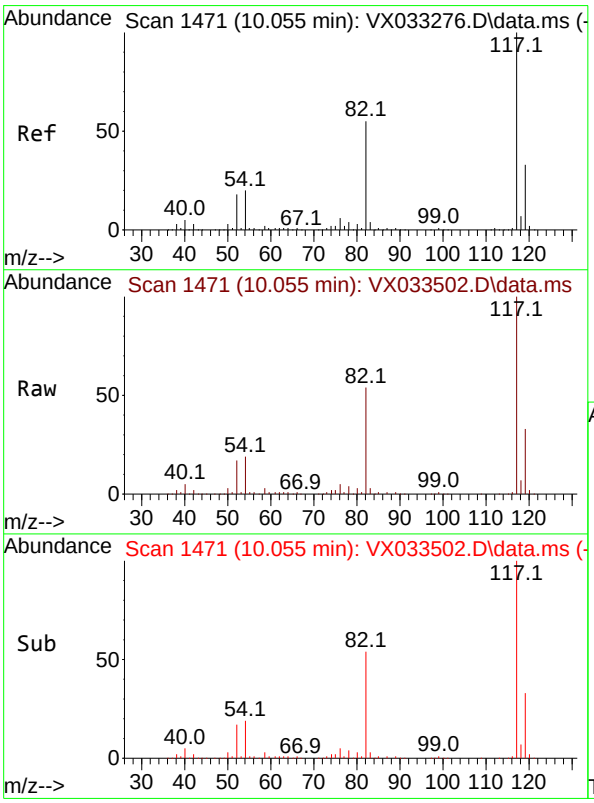
#62
4-Bromofluorobenzene
Concen: 51.532 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX033502.D
Acq: 20 Dec 2022 12:58

Instrument :
MSVOA_X
ClientSampleId :
EMER-1

Tgt Ion: 95 Resp: 78297

Ion	Ratio	Lower	Upper
95	100		
174	83.5	0.0	164.0
176	79.6	0.0	154.4

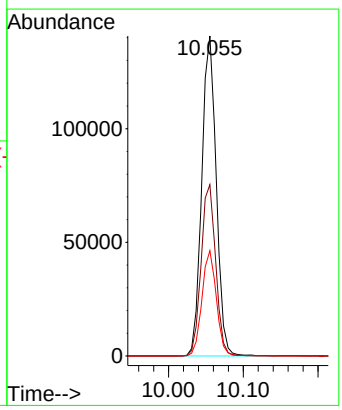


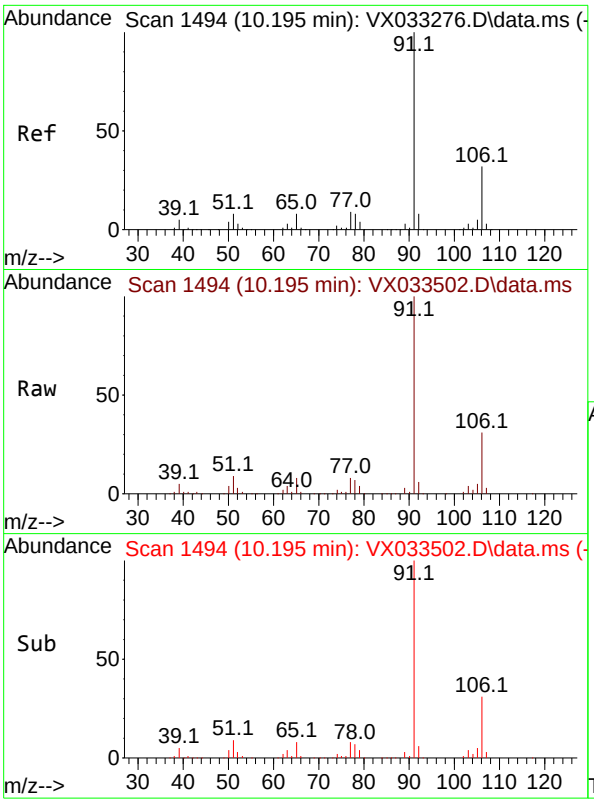


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX033502.D
Acq: 20 Dec 2022 12:58

Tgt Ion:117 Resp: 189357

Ion	Ratio	Lower	Upper
117	100		
82	53.5	44.3	66.5
119	32.9	25.7	38.5



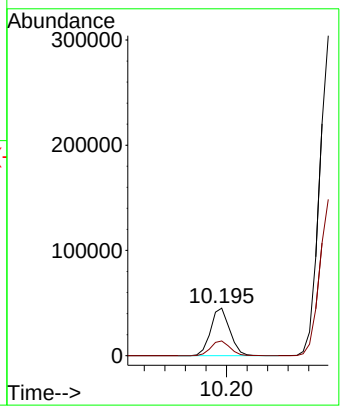


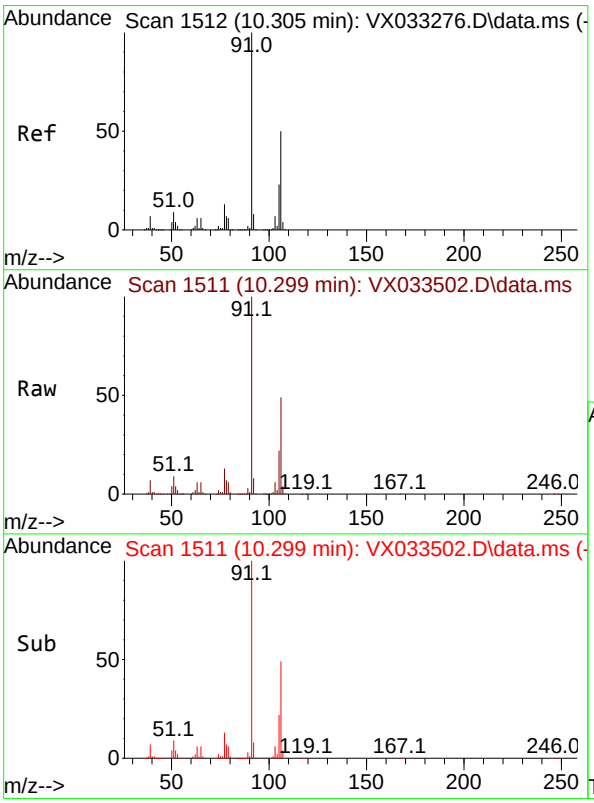
#67
Ethyl Benzene
Concen: 8.729 ug/l
RT: 10.195 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX033502.D
Acq: 20 Dec 2022 12:58

Instrument :
MSVOA_X
ClientSampleId :
EMER-1

Tgt Ion: 91 Resp: 58313

Ion	Ratio	Lower	Upper
91	100		
106	31.2	25.0	37.6

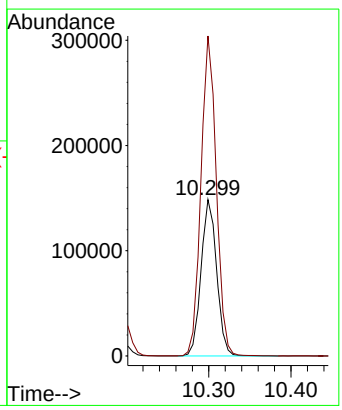


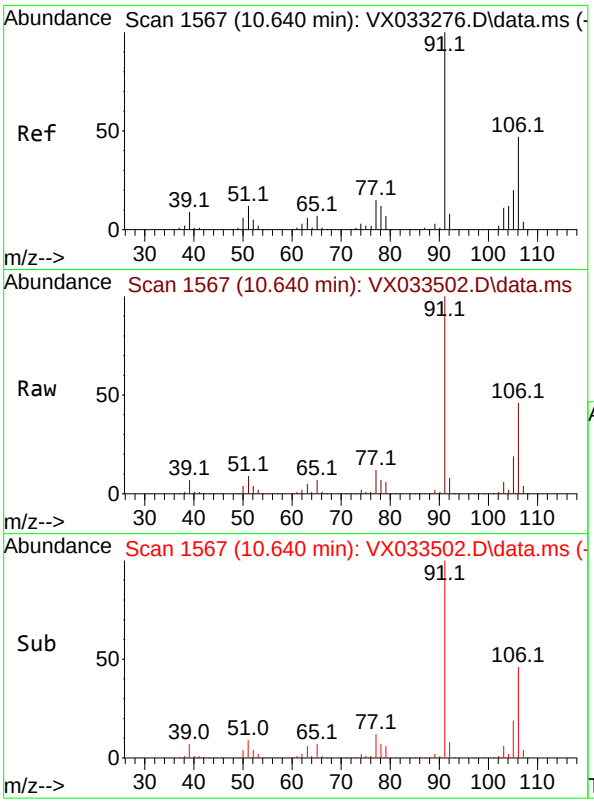


#68
m/p-Xylenes
Concen: 75.145 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.006 min
Lab File: VX033502.D
Acq: 20 Dec 2022 12:58

Tgt Ion:106 Resp: 195309

Ion	Ratio	Lower	Upper
106	100		
91	201.6	164.5	246.7



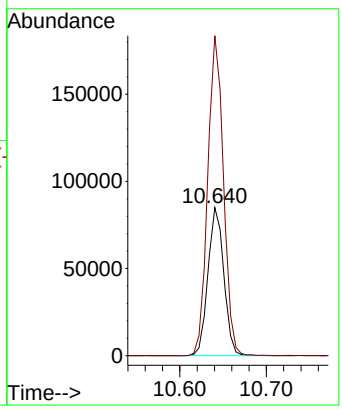


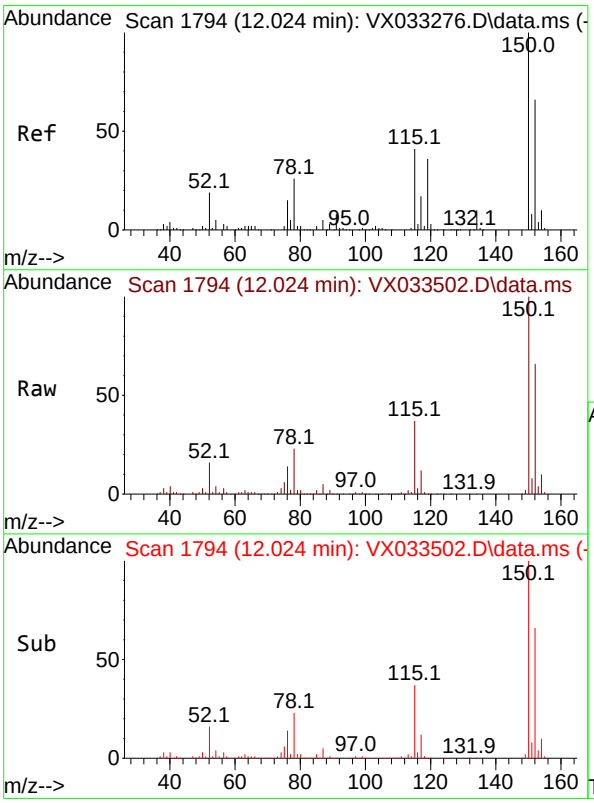
#69
o-Xylene
Concen: 42.097 ug/l
RT: 10.640 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX033502.D
Acq: 20 Dec 2022 12:58

Instrument :
MSVOA_X
ClientSampleId :
EMER-1

Tgt Ion:106 Resp: 108148

Ion	Ratio	Lower	Upper
106	100		
91	214.9	109.2	327.6

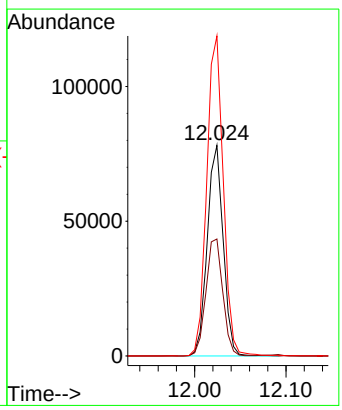


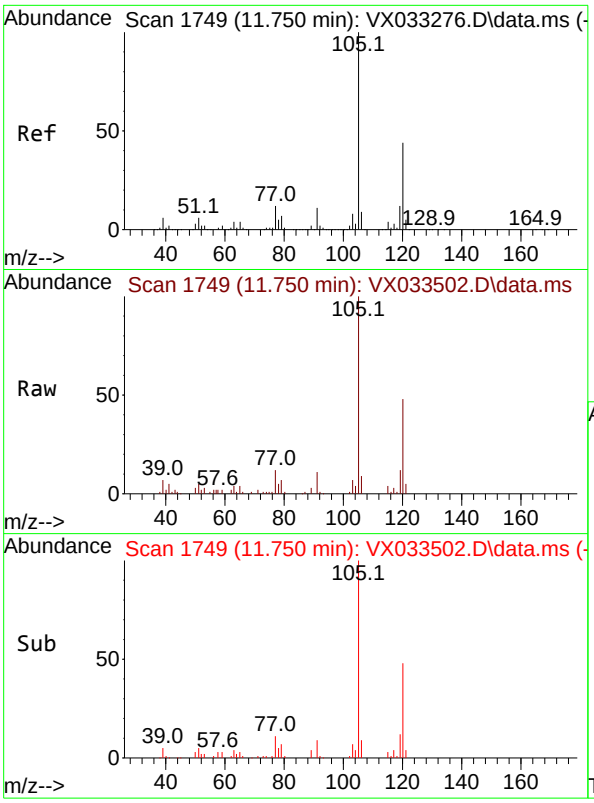


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX033502.D
Acq: 20 Dec 2022 12:58

Tgt Ion:152 Resp: 94474

Ion	Ratio	Lower	Upper
152	100		
115	58.8	44.0	132.0
150	157.6	0.0	351.8





#84
1,2,4-Trimethylbenzene
Concen: 3.617 ug/l
RT: 11.750 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX033502.D
Acq: 20 Dec 2022 12:58

Instrument :
MSVOA_X
ClientSampleId :
EMER-1

Tgt Ion:105 Resp: 20582

Ion	Ratio	Lower	Upper
105	100		
120	45.9	21.9	65.5