Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122022\
Data File : VX033512.D
Acq On : 20 Dec 2022 16:49
Operator : JC/MD
Sample : N6149-10 100X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
HAN-1

Quant Time: Dec 21 04:15:48 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

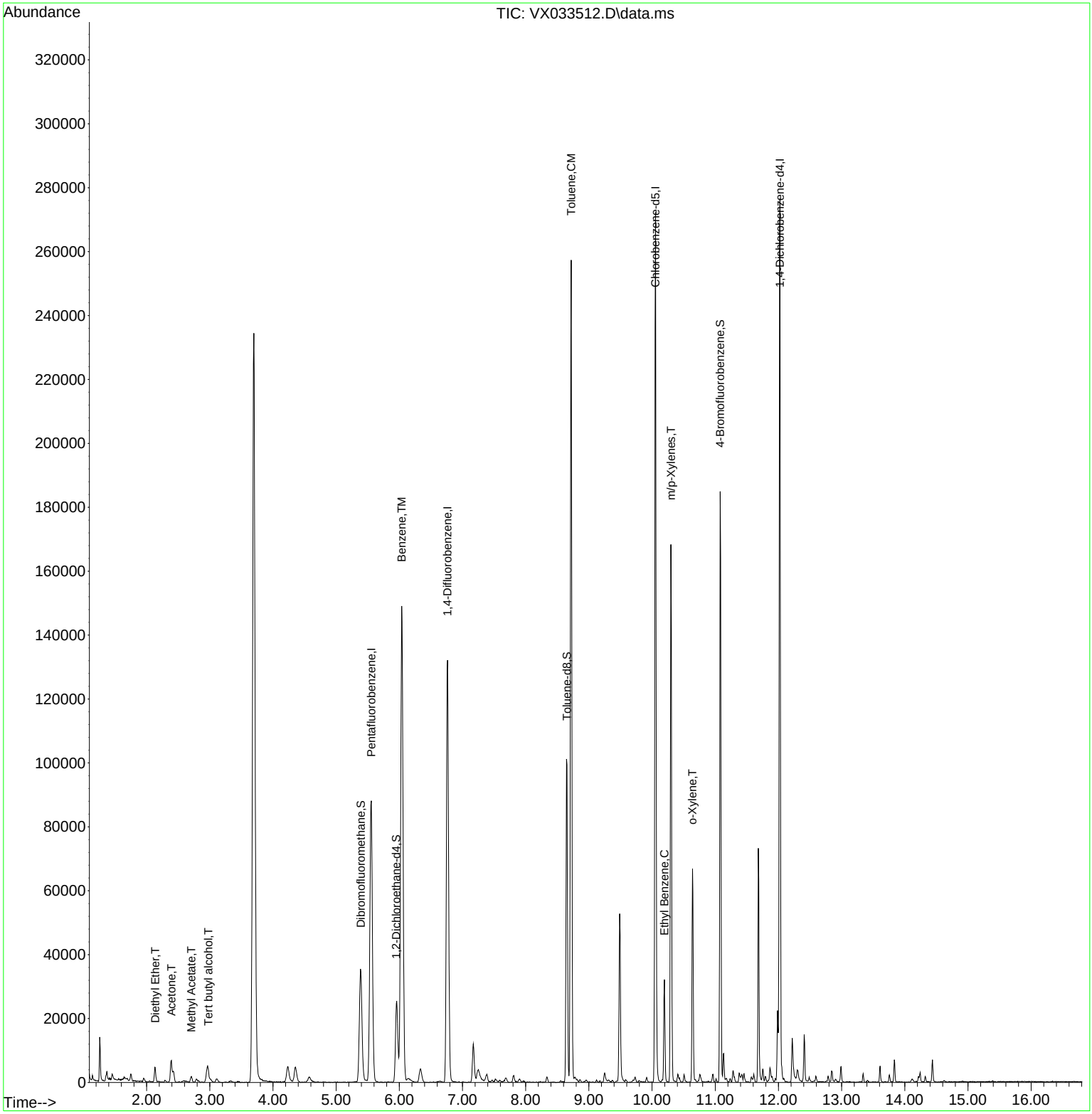
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.556	168	89149	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	143800	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	125707	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	59887	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	24158	42.240	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	84.480%		
35) Dibromofluoromethane	5.391	113	30998	47.926	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.860%		
50) Toluene-d8	8.653	98	62136	45.923	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	91.840%#		
62) 4-Bromofluorobenzene	11.079	95	46237	44.693	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	89.380%		
Target Compounds						Qvalue
8) Diethyl Ether	2.136	74	1700	3.049	ug/l	76
11) Tert butyl alcohol	2.977	59	3055	17.472	ug/l #	82
16) Acetone	2.392	43	8206	19.390	ug/l	93
18) Methyl Acetate	2.709	43	2369	1.934	ug/l	98
40) Benzene	6.038	78	182570	49.656	ug/l	99
52) Toluene	8.720	92	97057	40.829	ug/l	100
67) Ethyl Benzene	10.195	91	18354	4.139	ug/l	100
68) m/p-Xylenes	10.299	106	39611	22.957	ug/l	94
69) o-Xylene	10.640	106	15378	9.017	ug/l	93

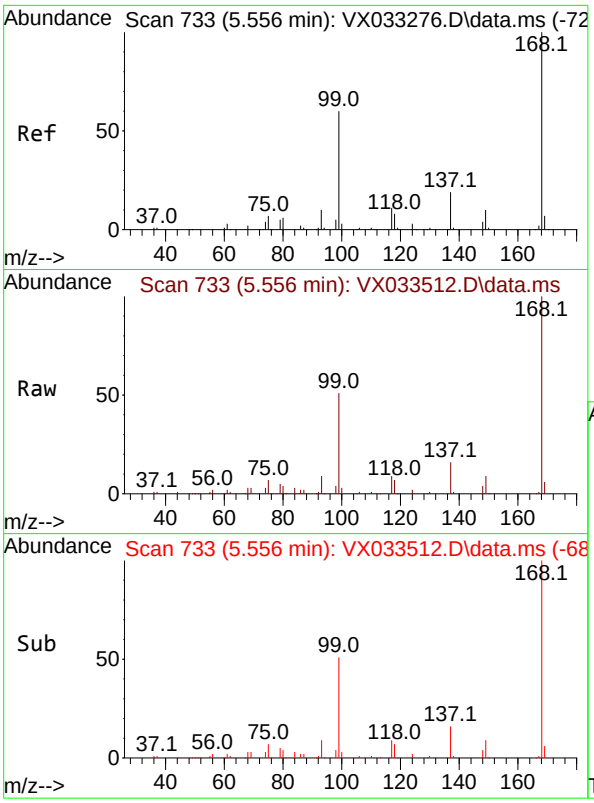
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122022\
Data File : VX033512.D
Acq On : 20 Dec 2022 16:49
Operator : JC/MD
Sample : N6149-10 100X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
HAN-1

Quant Time: Dec 21 04:15:48 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



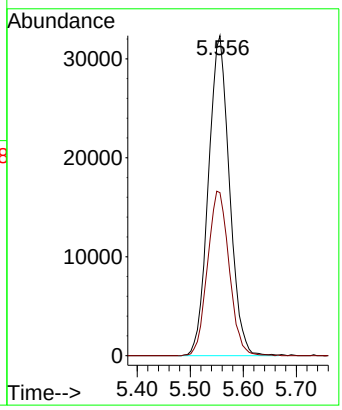


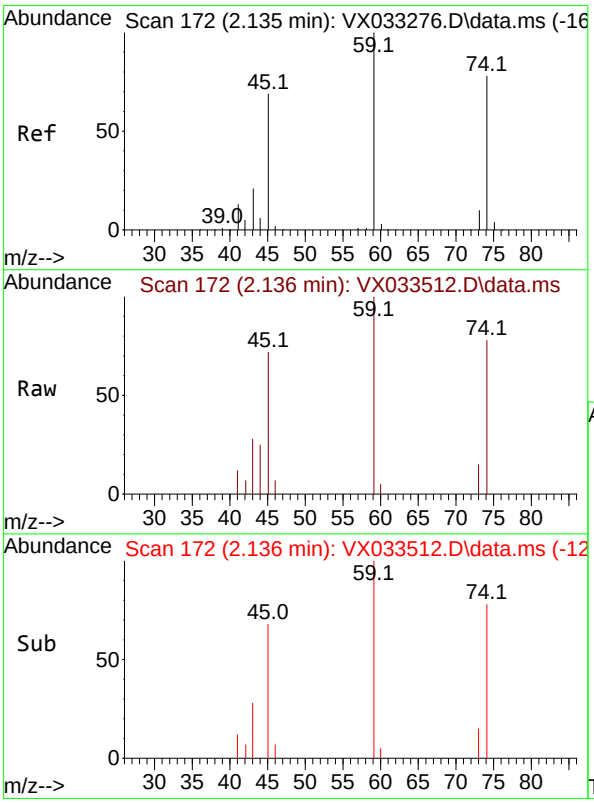
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX033512.D
Acq: 20 Dec 2022 16:49

Instrument :
MSVOA_X
ClientSampleId :
HAN-1

Tgt Ion:168 Resp: 89149

Ion	Ratio	Lower	Upper
168	100		
99	50.9	46.1	69.1

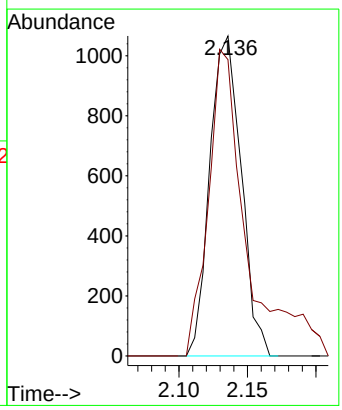


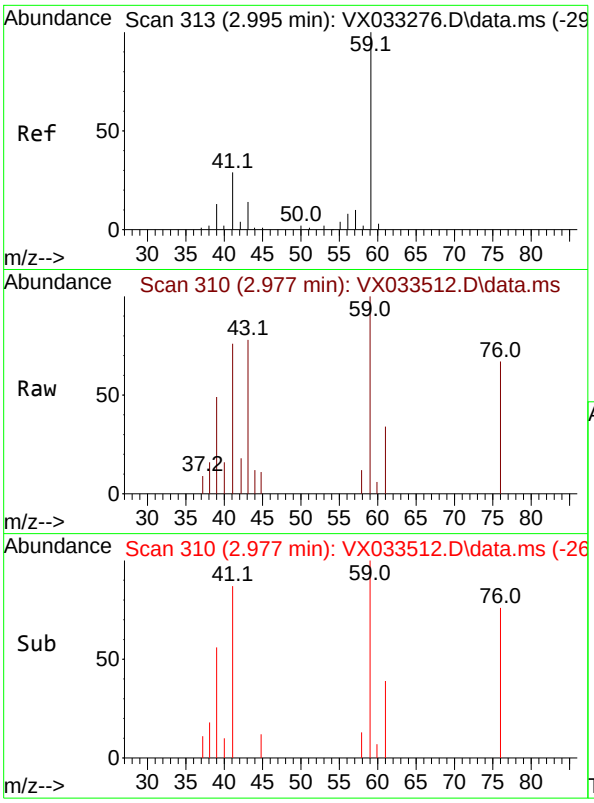


#8
Diethyl Ether
Concen: 3.049 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.000 min
Lab File: VX033512.D
Acq: 20 Dec 2022 16:49

Tgt Ion: 74 Resp: 1700

Ion	Ratio	Lower	Upper
74	100		
45	116.2	46.6	139.7



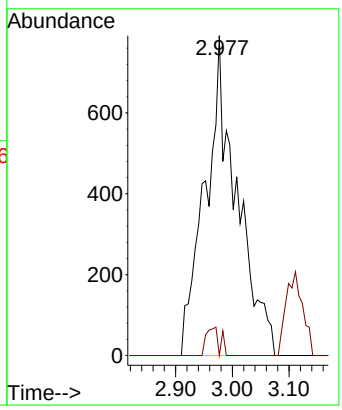


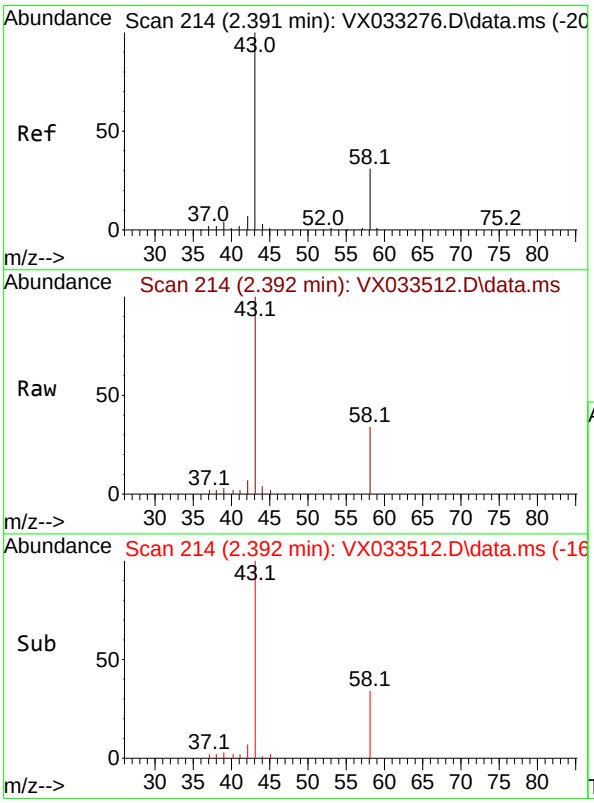
#11
Tert butyl alcohol
Concen: 17.472 ug/l
RT: 2.977 min Scan# 3
Delta R.T. -0.018 min
Lab File: VX033512.D
Acq: 20 Dec 2022 16:49

Instrument :
MSVOA_X
ClientSampleId :
HAN-1

Tgt Ion: 59 Resp: 3055

Ion	Ratio	Lower	Upper
59	100		
57	3.7	8.2	12.4#

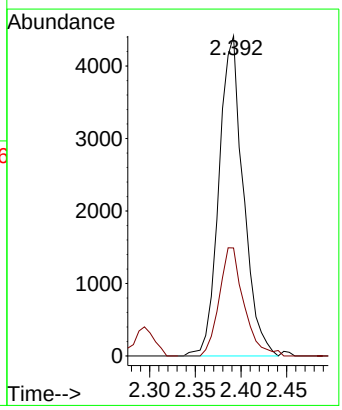


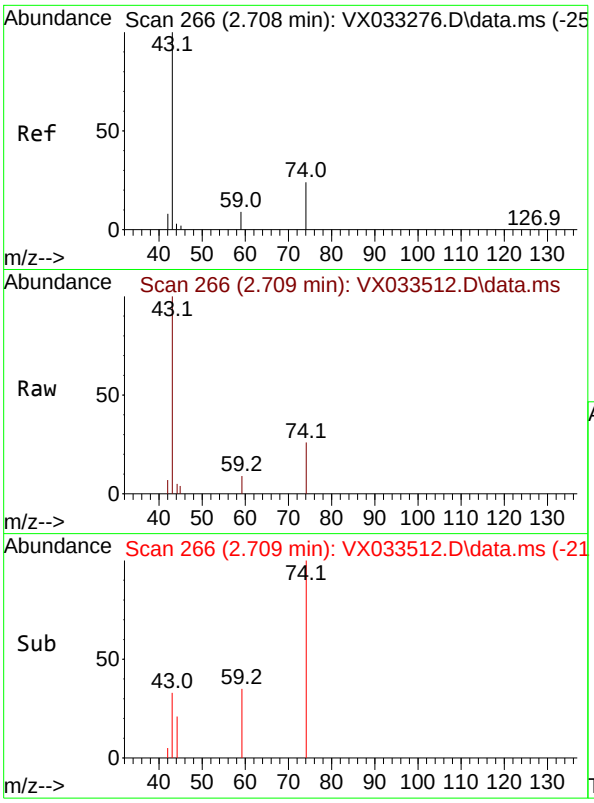


#16
Acetone
Concen: 19.390 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.000 min
Lab File: VX033512.D
Acq: 20 Dec 2022 16:49

Tgt Ion: 43 Resp: 8206

Ion	Ratio	Lower	Upper
43	100		
58	33.8	23.8	35.8



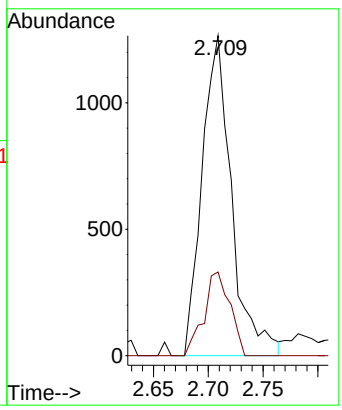


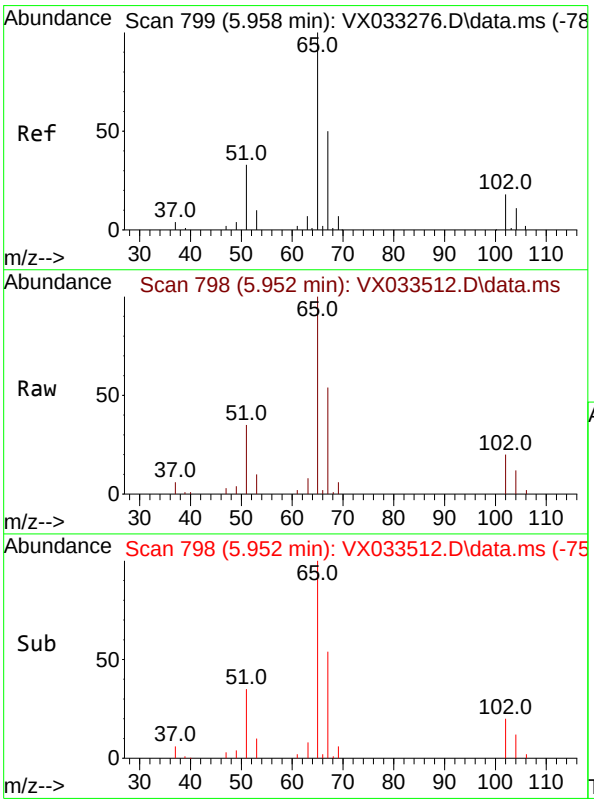
#18
Methyl Acetate
Concen: 1.934 ug/l
RT: 2.709 min Scan# 2
Delta R.T. 0.000 min
Lab File: VX033512.D
Acq: 20 Dec 2022 16:49

Instrument :
MSVOA_X
ClientSampleId :
HAN-1

Tgt Ion: 43 Resp: 2369

Ion	Ratio	Lower	Upper
43	100		
74	23.0	19.4	29.0

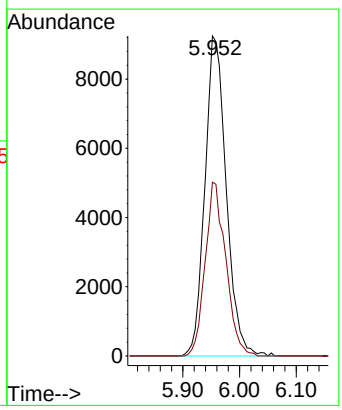


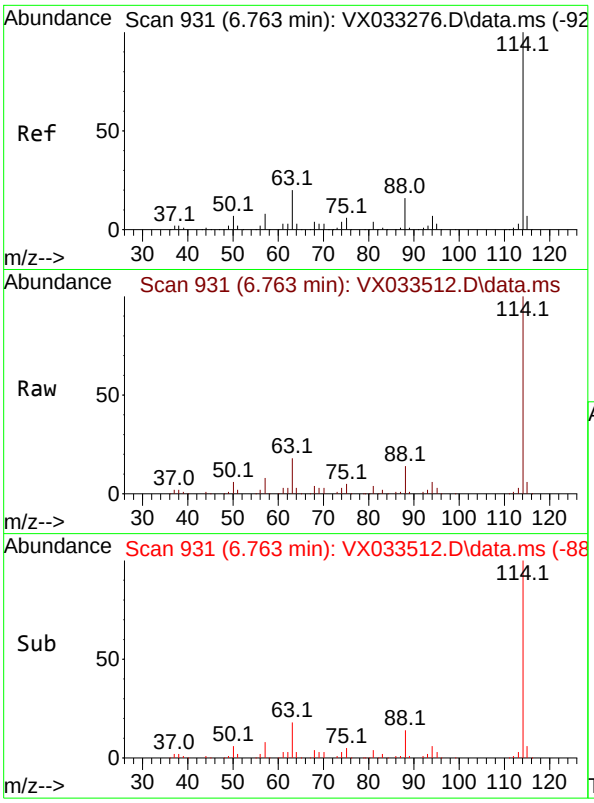


#33
1,2-Dichloroethane-d4
Concen: 42.240 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX033512.D
Acq: 20 Dec 2022 16:49

Tgt Ion: 65 Resp: 24158

Ion	Ratio	Lower	Upper
65	100		
67	52.6	0.0	101.8



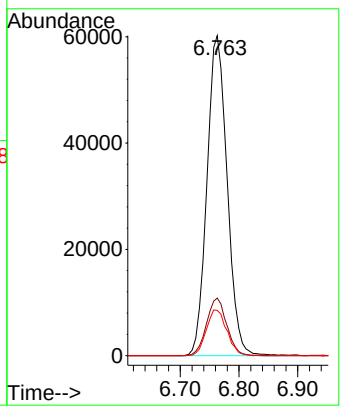


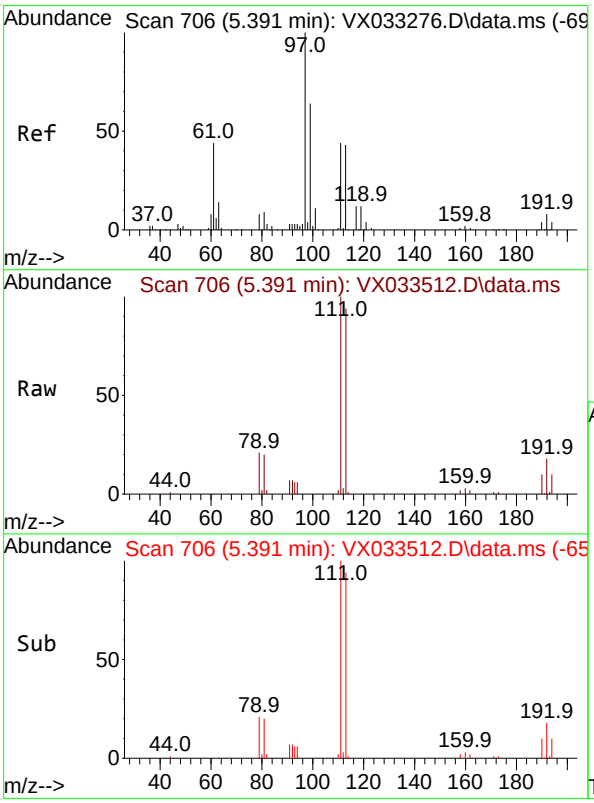
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 9
Delta R.T. 0.000 min
Lab File: VX033512.D
Acq: 20 Dec 2022 16:49

Instrument :
MSVOA_X
ClientSampleId :
HAN-1

Tgt Ion:114 Resp: 143800

Ion	Ratio	Lower	Upper
114	100		
63	18.0	0.0	41.6
88	14.2	0.0	33.4

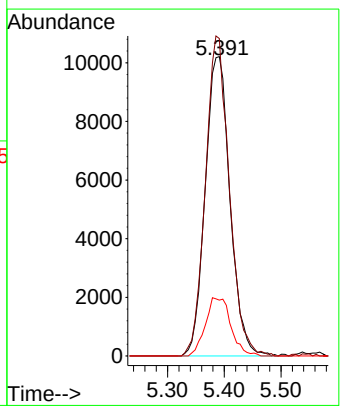


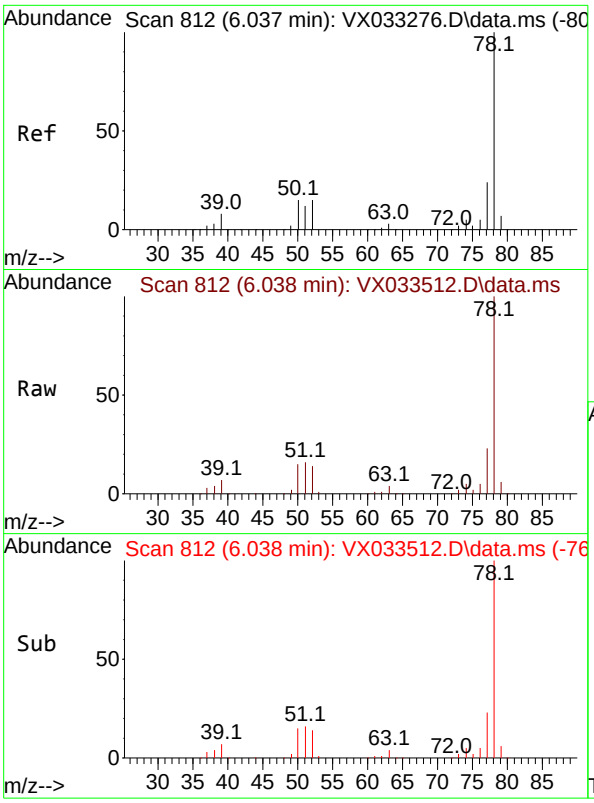


#35
Dibromofluoromethane
Concen: 47.926 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX033512.D
Acq: 20 Dec 2022 16:49

Tgt Ion:113 Resp: 30998

Ion	Ratio	Lower	Upper
113	100		
111	102.9	82.4	123.6
192	19.9	15.4	23.2



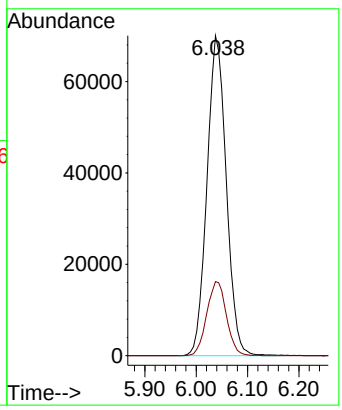


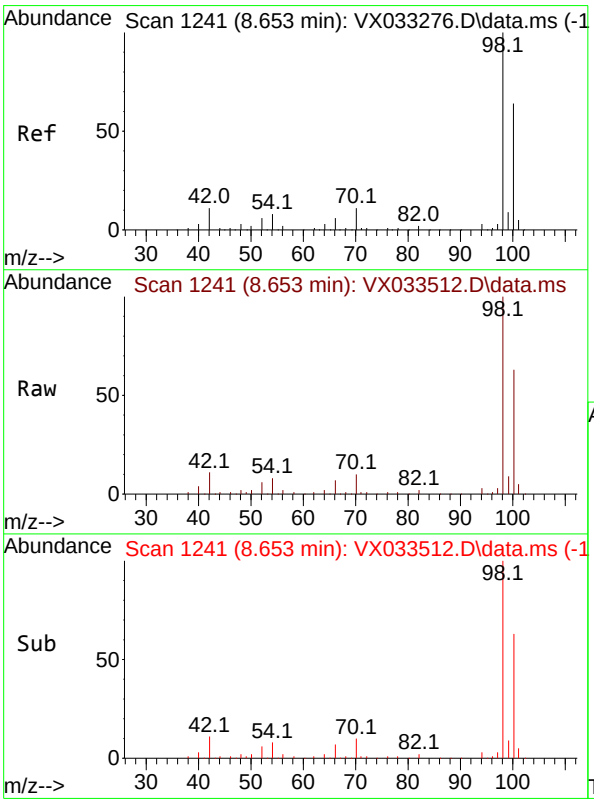
#40
Benzene
Concen: 49.656 ug/l
RT: 6.038 min Scan# 8
Delta R.T. 0.000 min
Lab File: VX033512.D
Acq: 20 Dec 2022 16:49

Instrument :
MSVOA_X
ClientSampleId :
HAN-1

Tgt Ion: 78 Resp: 182570

Ion	Ratio	Lower	Upper
78	100		
77	23.1	19.0	28.4

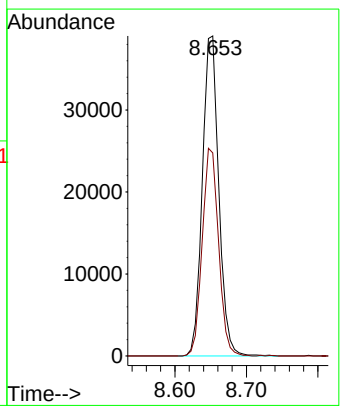


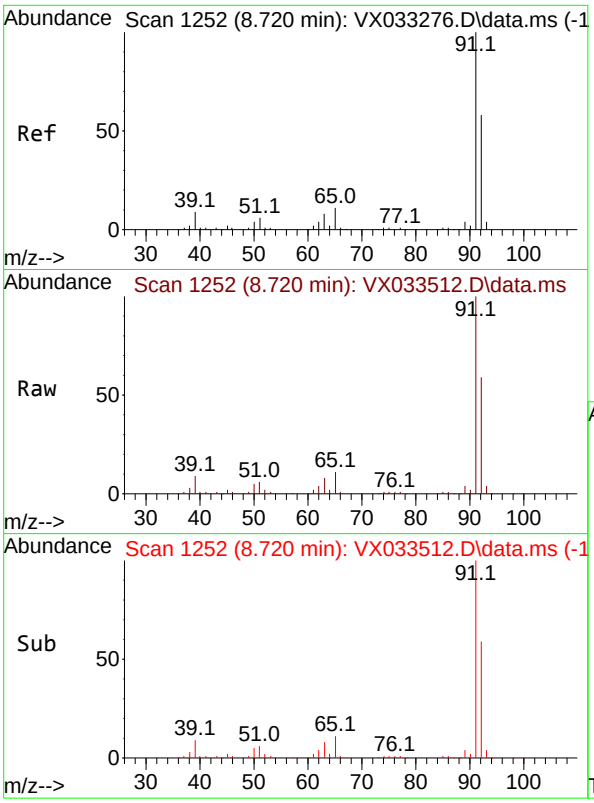


#50
Toluene-d8
Concen: 45.923 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX033512.D
Acq: 20 Dec 2022 16:49

Tgt Ion: 98 Resp: 62136

Ion	Ratio	Lower	Upper
98	100		
100	64.7	50.9	76.3



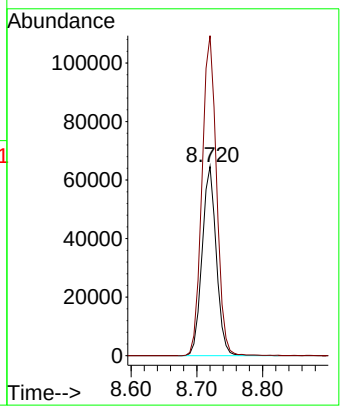


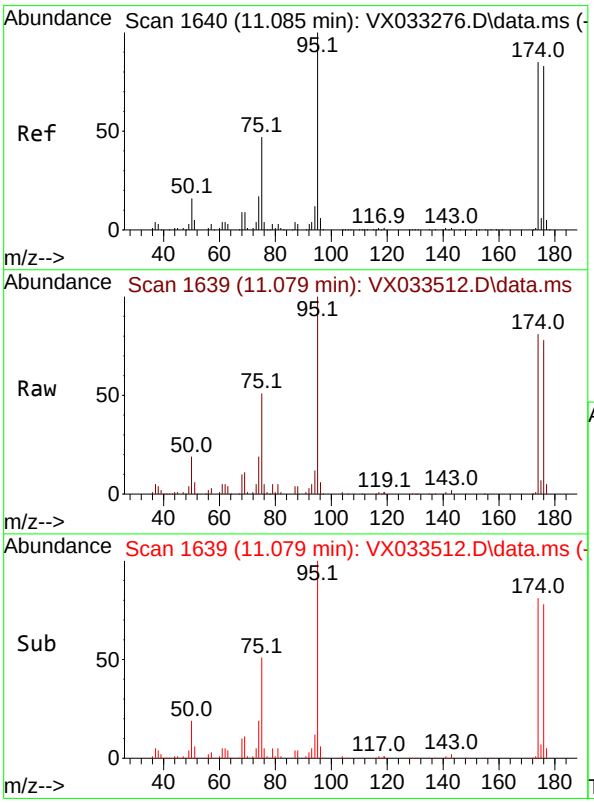
#52
Toluene
Concen: 40.829 ug/l
RT: 8.720 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX033512.D
Acq: 20 Dec 2022 16:49

Instrument :
MSVOA_X
ClientSampleId :
HAN-1

Tgt Ion: 92 Resp: 97057

Ion	Ratio	Lower	Upper
92	100		
91	173.5	138.3	207.5

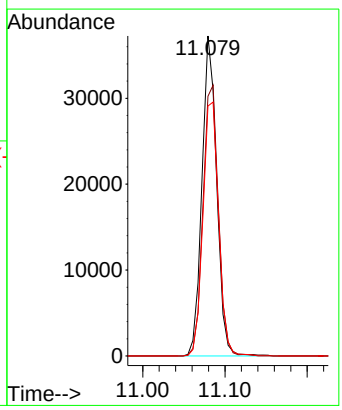


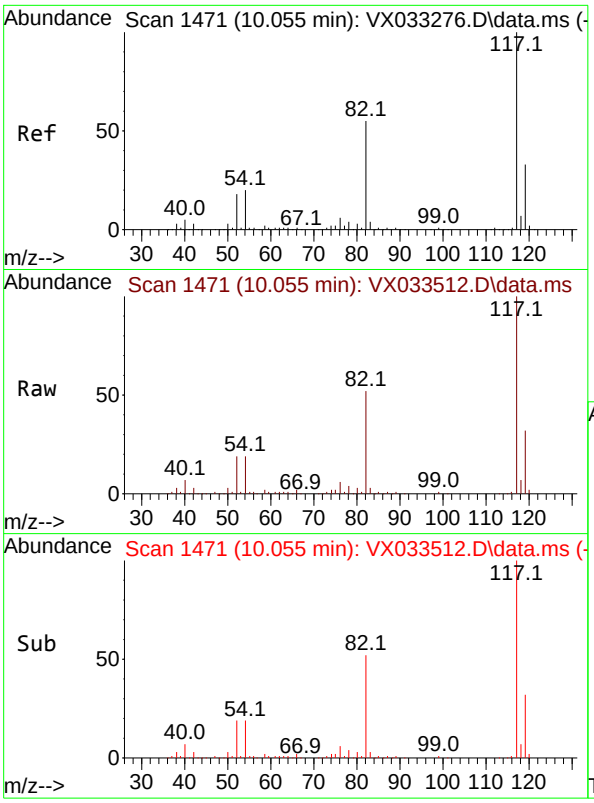


#62
4-Bromofluorobenzene
Concen: 44.693 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX033512.D
Acq: 20 Dec 2022 16:49

Tgt Ion: 95 Resp: 46237

Ion	Ratio	Lower	Upper
95	100		
174	89.1	0.0	164.0
176	85.1	0.0	154.4



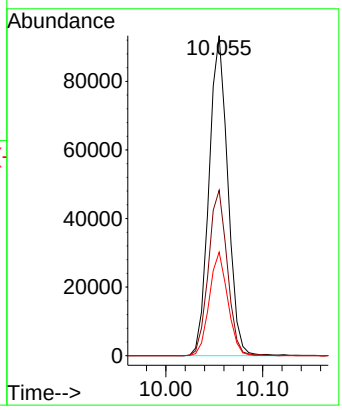


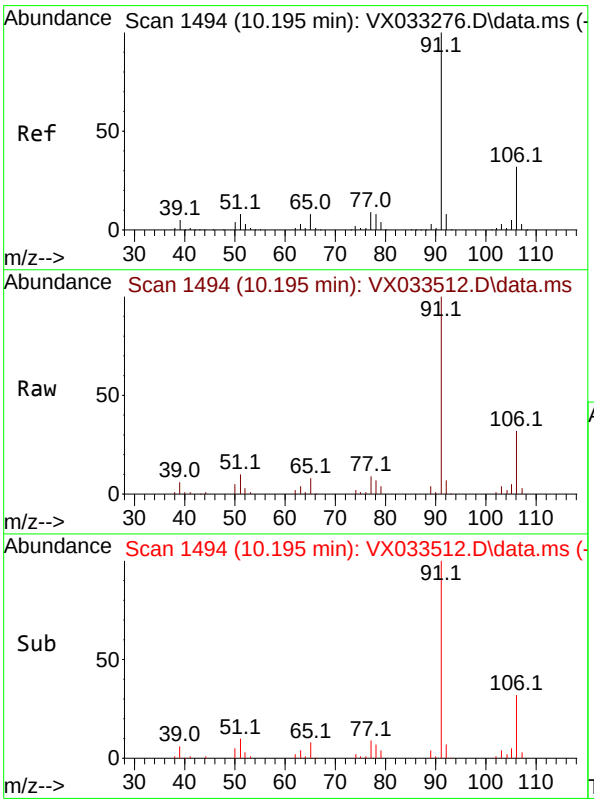
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX033512.D
Acq: 20 Dec 2022 16:49

Instrument :
MSVOA_X
ClientSampleId :
HAN-1

Tgt Ion:117 Resp: 125707

Ion	Ratio	Lower	Upper
117	100		
82	51.7	44.3	66.5
119	32.4	25.7	38.5

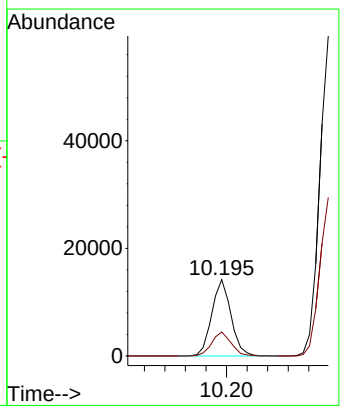


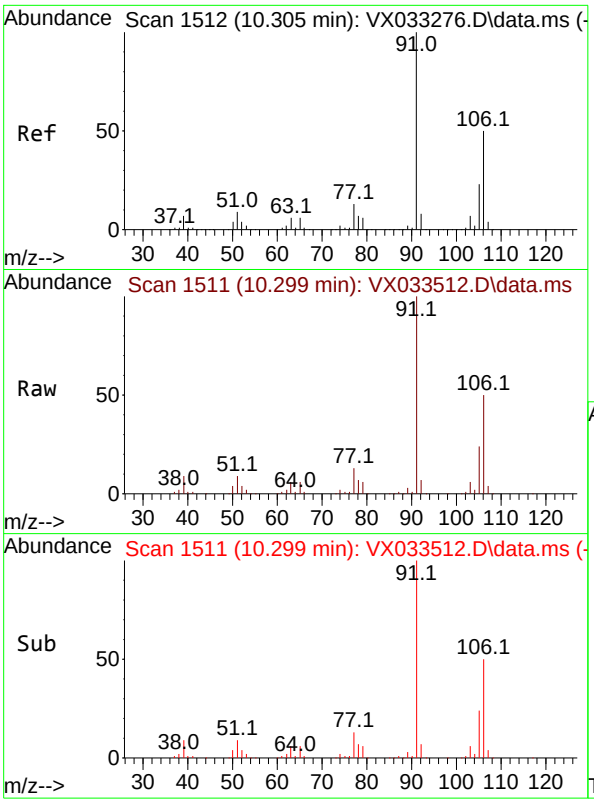


#67
Ethyl Benzene
Concen: 4.139 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX033512.D
Acq: 20 Dec 2022 16:49

Tgt Ion: 91 Resp: 18354

Ion	Ratio	Lower	Upper
91	100		
106	31.5	25.0	37.6



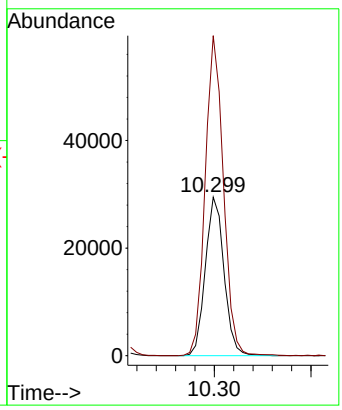


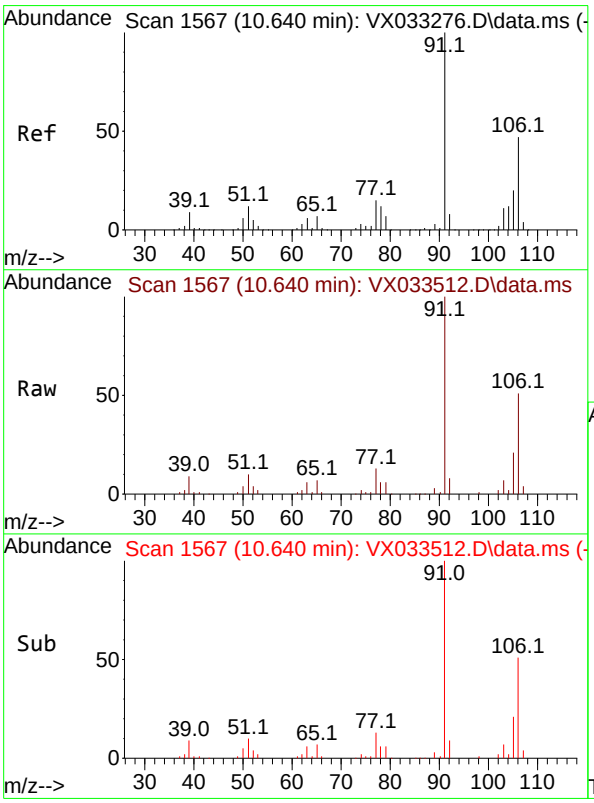
#68
m/p-Xylenes
Concen: 22.957 ug/l
RT: 10.299 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX033512.D
Acq: 20 Dec 2022 16:49

Instrument :
MSVOA_X
ClientSampleId :
HAN-1

Tgt Ion:106 Resp: 39611

Ion	Ratio	Lower	Upper
106	100		
91	196.9	164.5	246.7

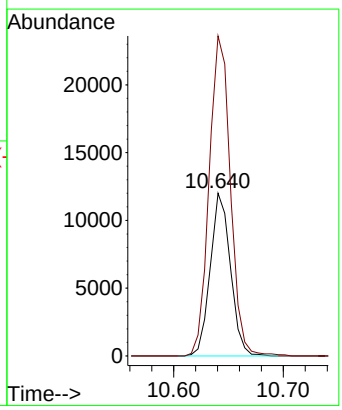


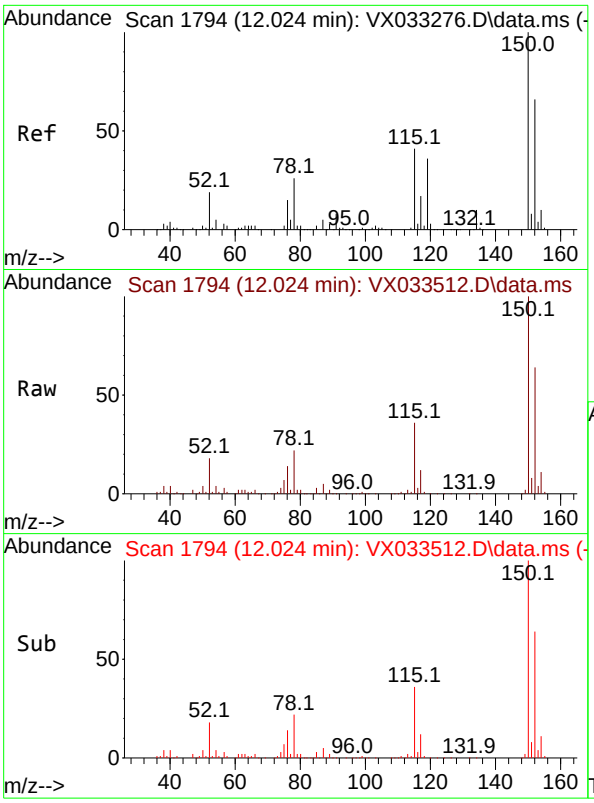


#69
o-Xylene
Concen: 9.017 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX033512.D
Acq: 20 Dec 2022 16:49

Tgt Ion:106 Resp: 15378

Ion	Ratio	Lower	Upper
106	100		
91	207.0	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: VX033512.D
Acq: 20 Dec 2022 16:49

Instrument :
MSVOA_X
ClientSampleId :
HAN-1

Tgt Ion:152 Resp: 59887

Ion	Ratio	Lower	Upper
152	100		
115	56.7	44.0	132.0
150	156.0	0.0	351.8