Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112222\
Data File : VY011553.D
Acq On : 22 Nov 2022 17:12
Operator : KP/MD
Sample : N5718-01RE
Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
ETGI-339RE

Quant Time: Nov 23 04:53:08 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111822S.M
Quant Title : SW846 8260
QLast Update : Sat Nov 19 22:37:14 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.795	168	45830	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	80991	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	71911	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	26155	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	29540	63.478	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 126.960%			
35) Dibromofluoromethane	7.716	113	27591	55.340	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 110.680%			
50) Toluene-d8	10.179	98	99029	54.659	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 109.320%			
62) 4-Bromofluorobenzene	12.483	95	26065	38.911	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 77.820%			
Target Compounds						Qvalue
7) Trichlorofluoromethane	3.131	101	1246	1.639	ug/l	99
11) Tert butyl alcohol	4.948	59	3800	51.615	ug/l	98
31) Cyclohexane	7.789	56	2931	3.800	ug/l #	73
39) Methylcyclohexane	9.179	83	3252	3.739	ug/l	95
52) Toluene	10.246	92	11080	7.718	ug/l	98
68) m/p-Xylenes	11.703	106	14302	13.818	ug/l	97
69) o-Xylene	12.032	106	3176	3.296	ug/l	90
93) 1,2,4-Trichlorobenzene	15.007	180	2790	6.311	ug/l #	89
96) 1,2,3-Trichlorobenzene	15.422	180	981	2.589	ug/l	71

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

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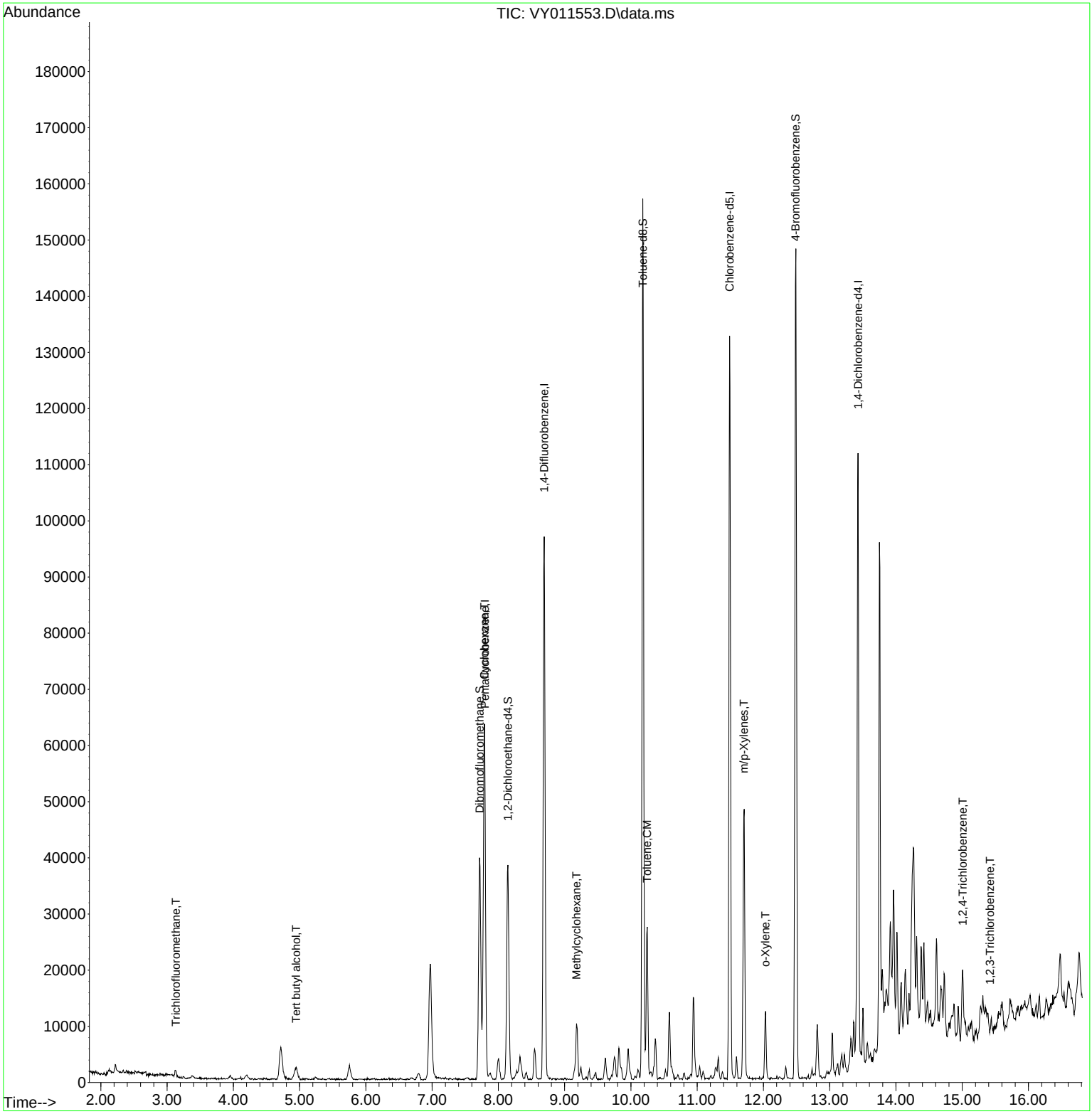
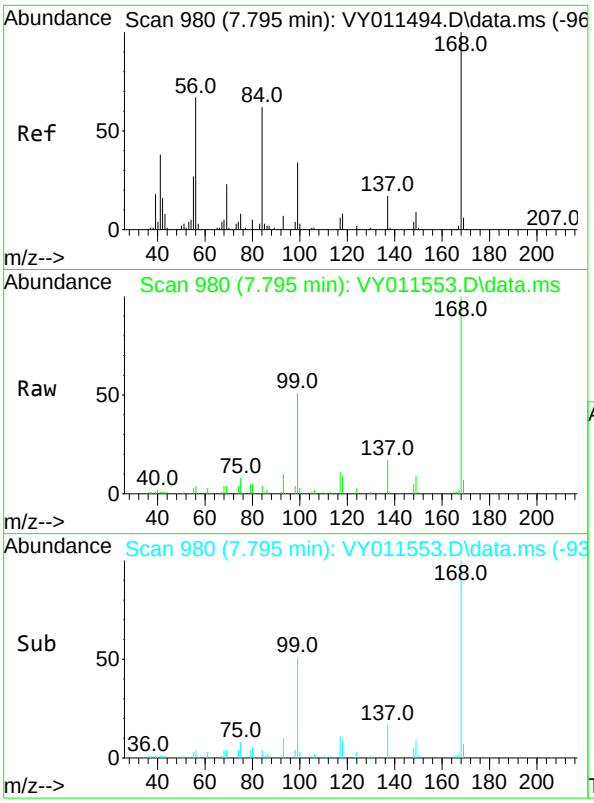


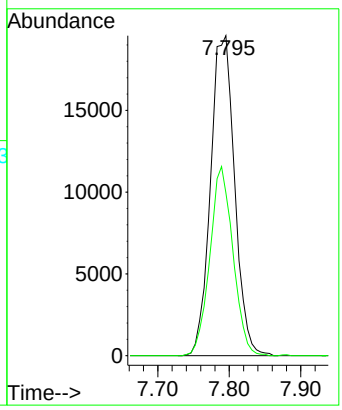


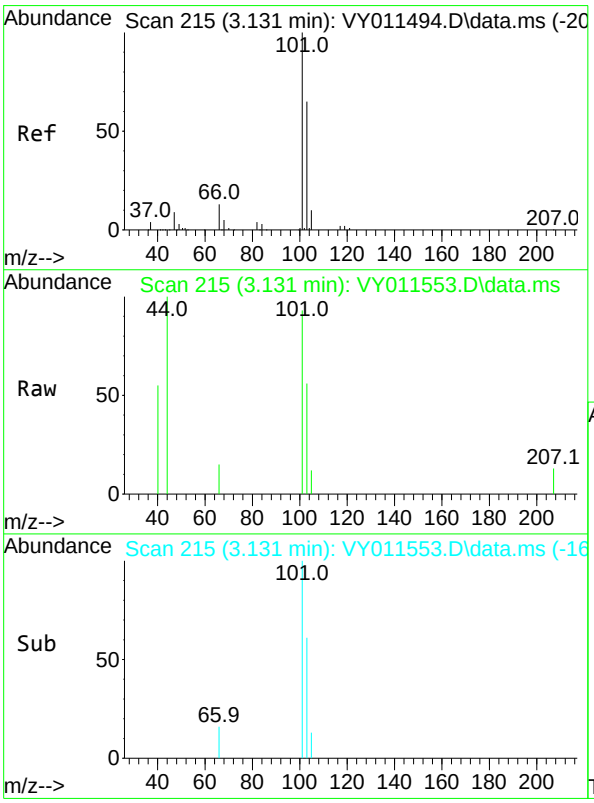
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 9
Delta R.T. 0.000 min
Lab File: VY011553.D
Acq: 22 Nov 2022 17:12

Instrument :
MSVOA_Y
ClientSampleId :
ETGI-339RE

Tgt Ion:168 Resp: 45830

Ion	Ratio	Lower	Upper
168	100		
99	50.9	46.9	70.3

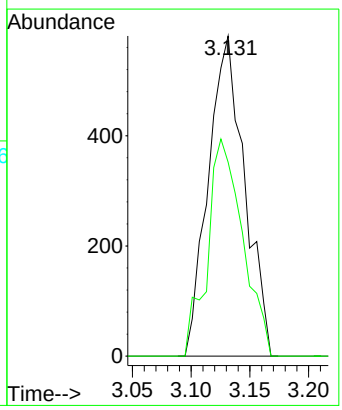


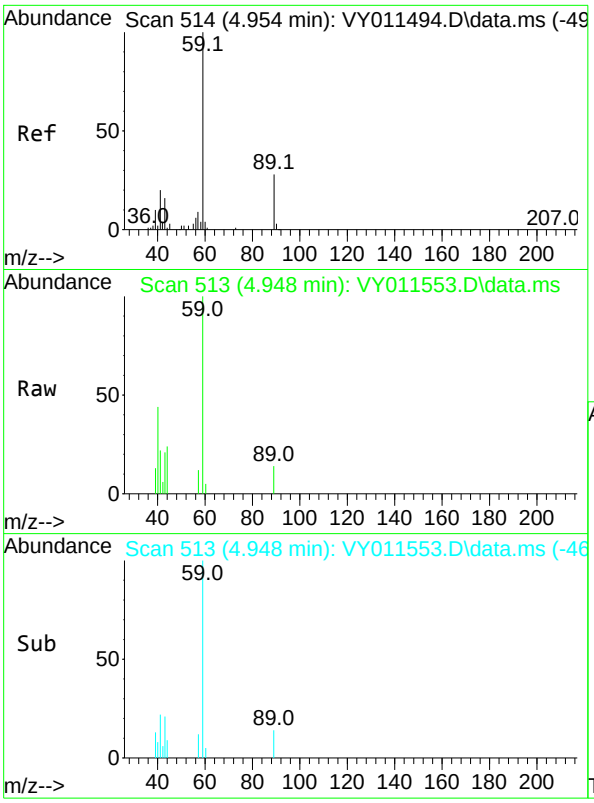


#7
Trichlorofluoromethane
Concen: 1.639 ug/l
RT: 3.131 min Scan# 215
Delta R.T. 0.000 min
Lab File: VY011553.D
Acq: 22 Nov 2022 17:12

Tgt Ion:101 Resp: 1246

Ion	Ratio	Lower	Upper
101	100		
103	60.6	48.0	72.0



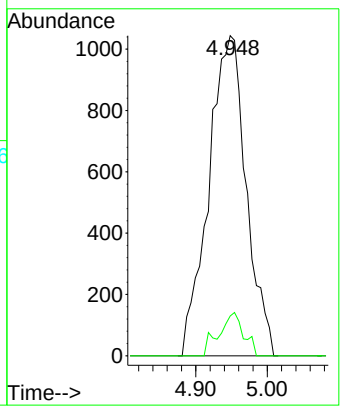


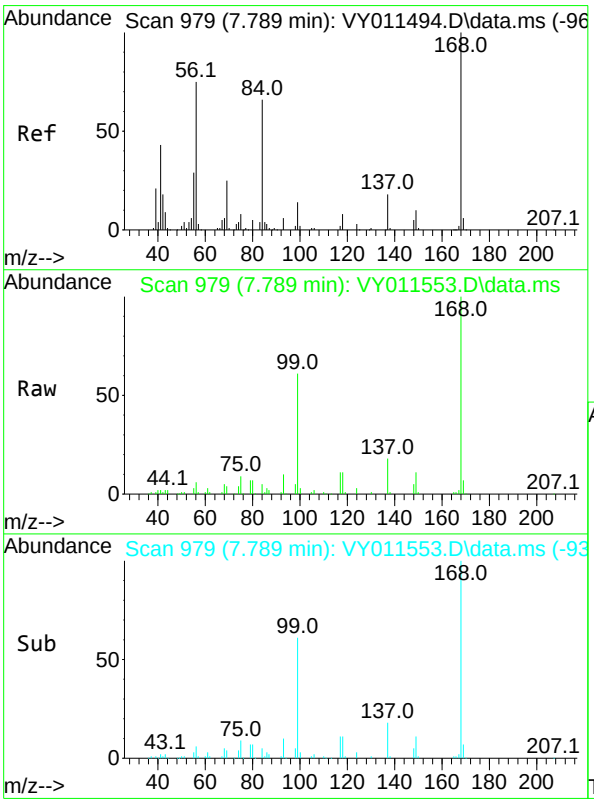
#11
Tert butyl alcohol
Concen: 51.615 ug/l
RT: 4.948 min Scan# 5
Delta R.T. -0.006 min
Lab File: VY011553.D
Acq: 22 Nov 2022 17:12

Instrument :
MSVOA_Y
ClientSampleId :
ETGI-339RE

Tgt Ion: 59 Resp: 3800

Ion	Ratio	Lower	Upper
59	100		
57	8.9	6.4	9.6

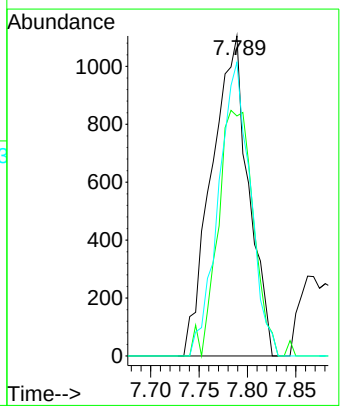


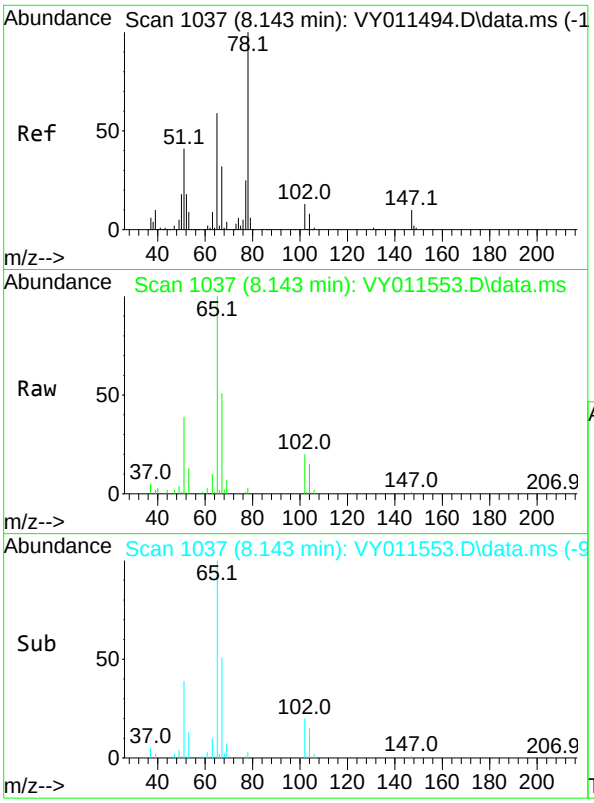


#31
Cyclohexane
Concen: 3.800 ug/l
RT: 7.789 min Scan# 979
Delta R.T. 0.000 min
Lab File: VY011553.D
Acq: 22 Nov 2022 17:12

Tgt Ion: 56 Resp: 2931

Ion	Ratio	Lower	Upper
56	100		
69	75.0	26.7	40.1#
84	91.8	67.2	100.8



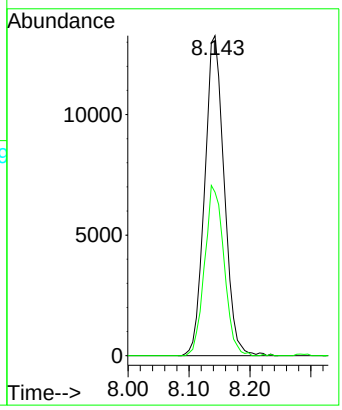


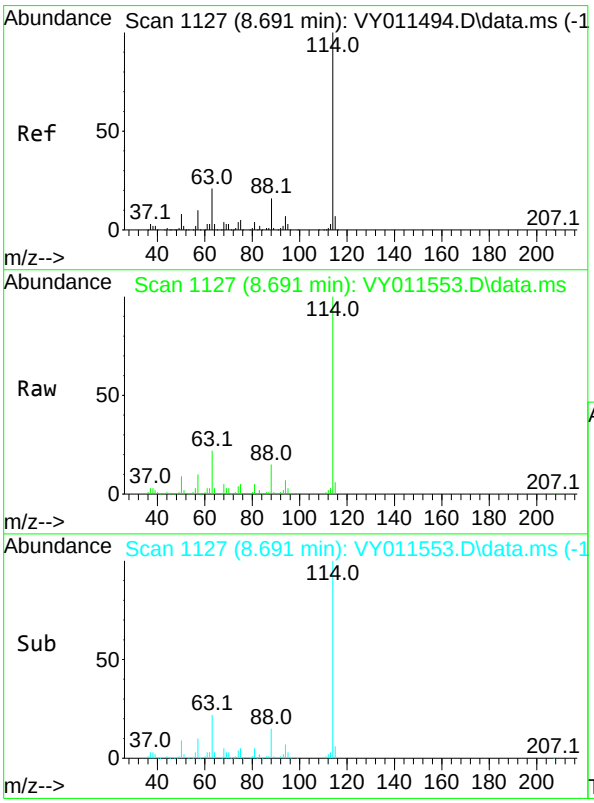
#33
1,2-Dichloroethane-d4
Concen: 63.478 ug/l
RT: 8.143 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY011553.D
Acq: 22 Nov 2022 17:12

Instrument :
MSVOA_Y
ClientSampleId :
ETGI-339RE

Tgt Ion: 65 Resp: 29540

Ion	Ratio	Lower	Upper
65	100		
67	52.9	0.0	99.4

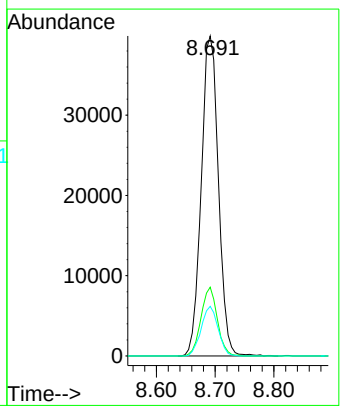


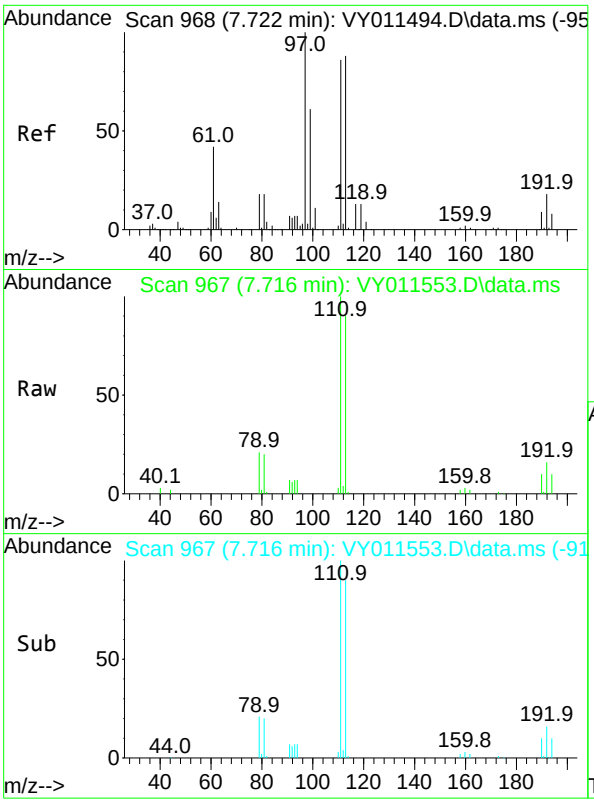


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY011553.D
Acq: 22 Nov 2022 17:12

Tgt Ion:114 Resp: 80991

Ion	Ratio	Lower	Upper
114	100		
63	21.5	0.0	43.2
88	15.5	0.0	31.8



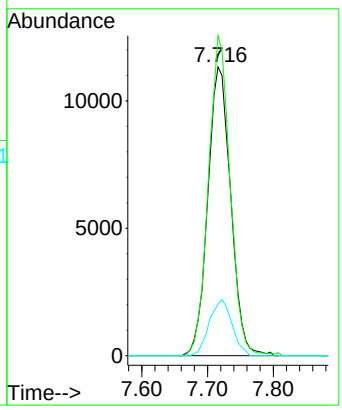


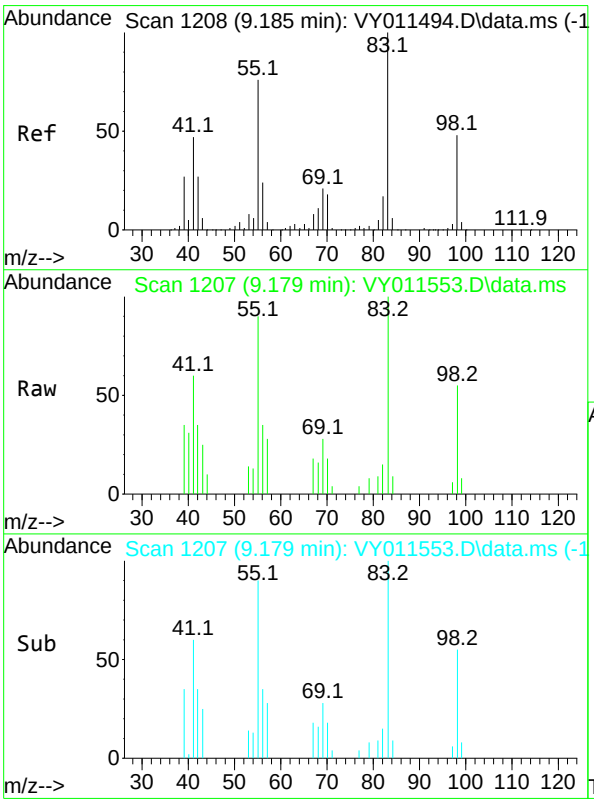
#35
Dibromofluoromethane
Concen: 55.340 ug/l
RT: 7.716 min Scan# 9
Delta R.T. -0.006 min
Lab File: VY011553.D
Acq: 22 Nov 2022 17:12

Instrument :
MSVOA_Y
ClientSampleId :
ETGI-339RE

Tgt Ion:113 Resp: 27591

Ion	Ratio	Lower	Upper
113	100		
111	104.9	82.6	124.0
192	19.2	17.6	26.4

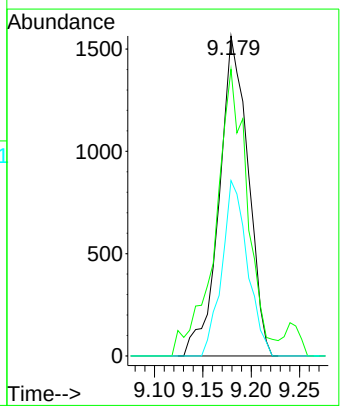


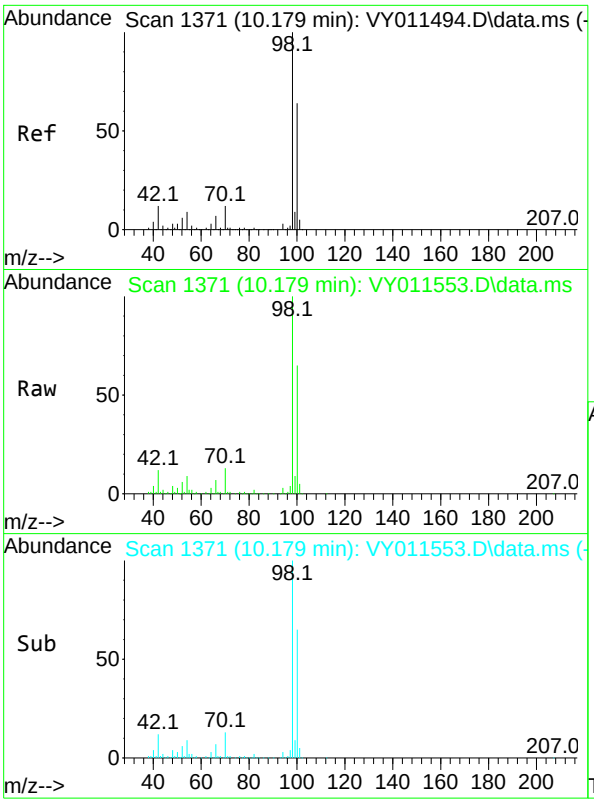


#39
Methylcyclohexane
Concen: 3.739 ug/l
RT: 9.179 min Scan# 1207
Delta R.T. -0.006 min
Lab File: VY011553.D
Acq: 22 Nov 2022 17:12

Tgt Ion: 83 Resp: 3252

Ion	Ratio	Lower	Upper
83	100		
55	84.8	66.5	99.7
98	54.8	37.9	56.9



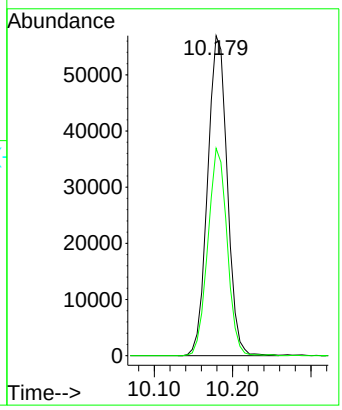


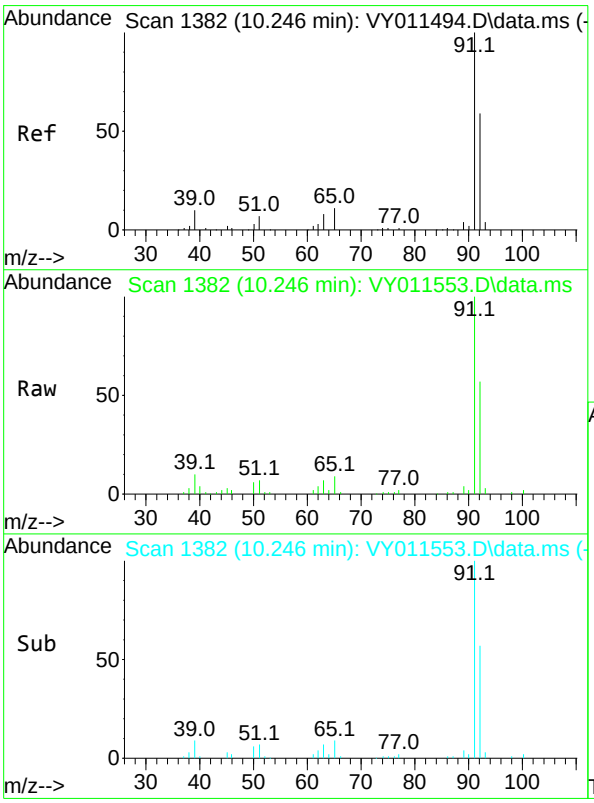
#50
Toluene-d8
Concen: 54.659 ug/l
RT: 10.179 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY011553.D
Acq: 22 Nov 2022 17:12

Instrument :
MSVOA_Y
ClientSampleId :
ETGI-339RE

Tgt Ion: 98 Resp: 99029

Ion	Ratio	Lower	Upper
98	100		
100	63.6	50.2	75.2

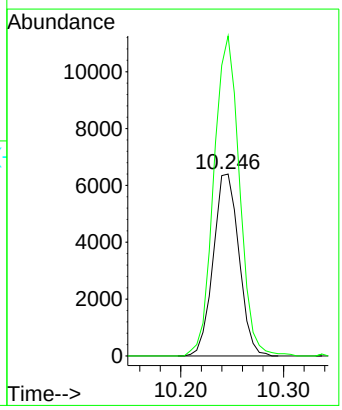


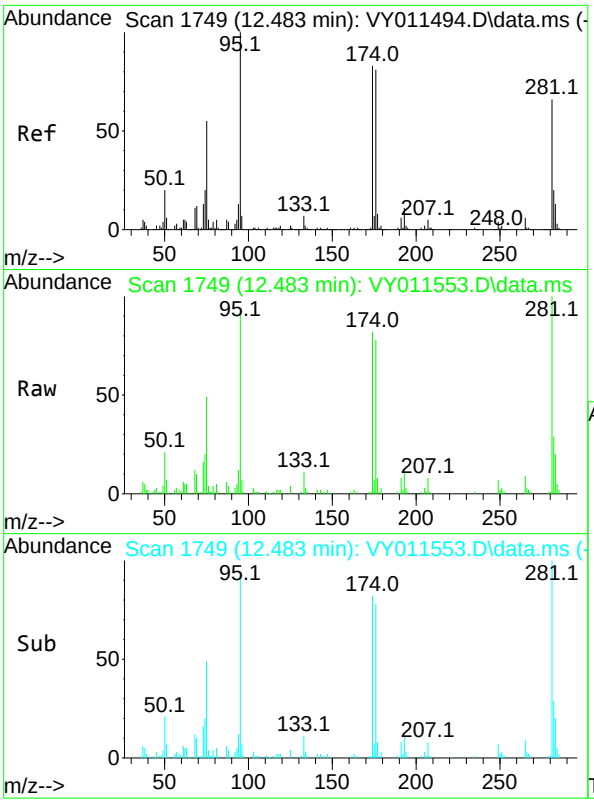


#52
Toluene
Concen: 7.718 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. -0.000 min
Lab File: VY011553.D
Acq: 22 Nov 2022 17:12

Tgt Ion: 92 Resp: 11080

Ion	Ratio	Lower	Upper
92	100		
91	175.9	142.6	213.8



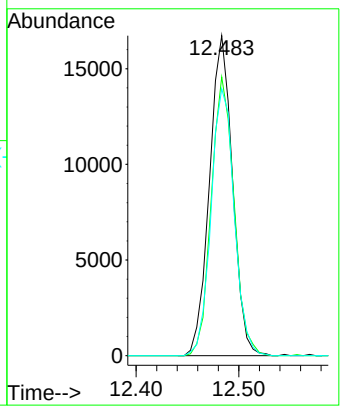


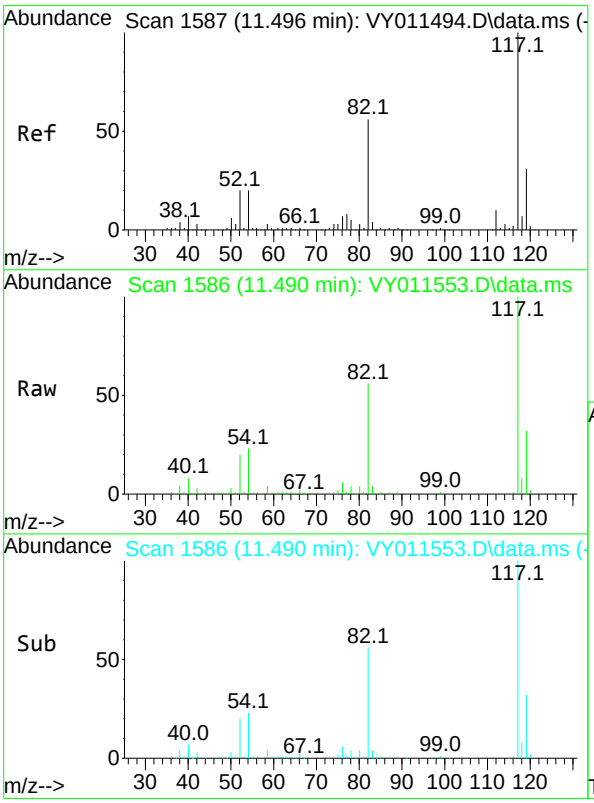
#62
4-Bromofluorobenzene
Concen: 38.911 ug/l
RT: 12.483 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY011553.D
Acq: 22 Nov 2022 17:12

Instrument :
MSVOA_Y
ClientSampleId :
ETGI-339RE

Tgt Ion: 95 Resp: 26065

Ion	Ratio	Lower	Upper
95	100		
174	85.5	0.0	177.0
176	83.7	0.0	175.8

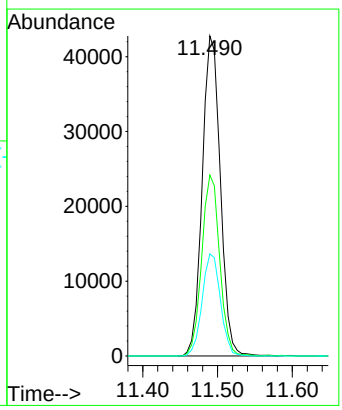


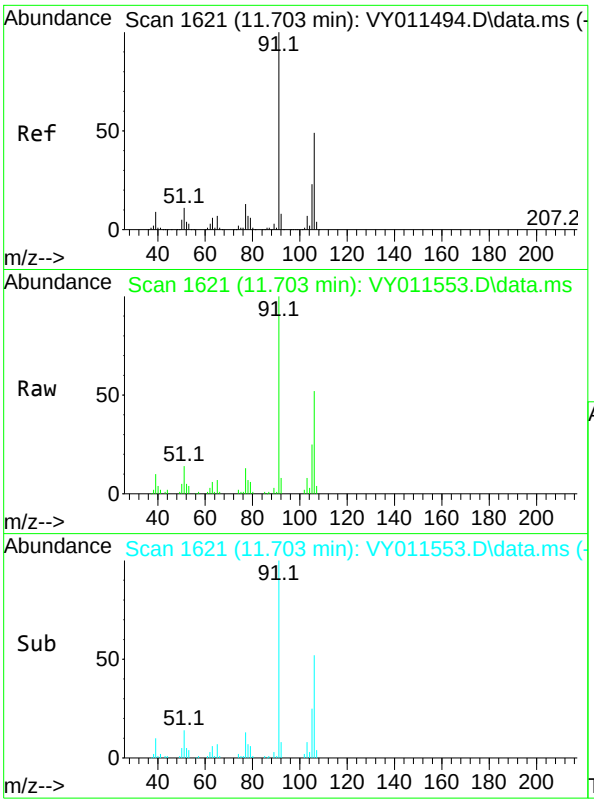


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY011553.D
Acq: 22 Nov 2022 17:12

Tgt Ion:117 Resp: 71911

Ion	Ratio	Lower	Upper
117	100		
82	56.5	43.0	64.4
119	31.9	25.4	38.0



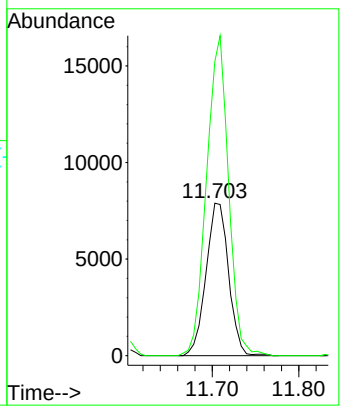


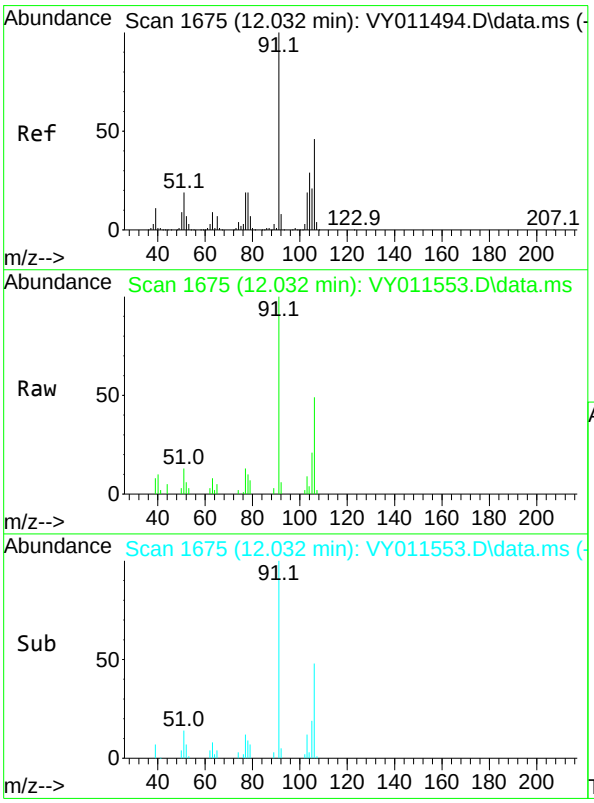
#68
m/p-Xylenes
Concen: 13.818 ug/l
RT: 11.703 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY011553.D
Acq: 22 Nov 2022 17:12

Instrument :
MSVOA_Y
ClientSampleId :
ETGI-339RE

Tgt Ion:106 Resp: 14302

Ion	Ratio	Lower	Upper
106	100		
91	204.0	166.6	249.8

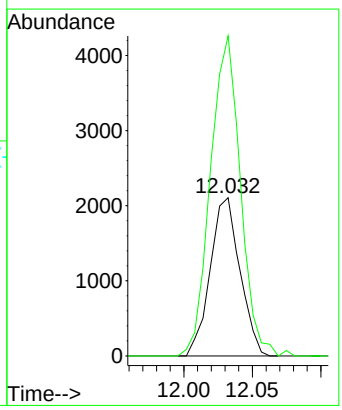


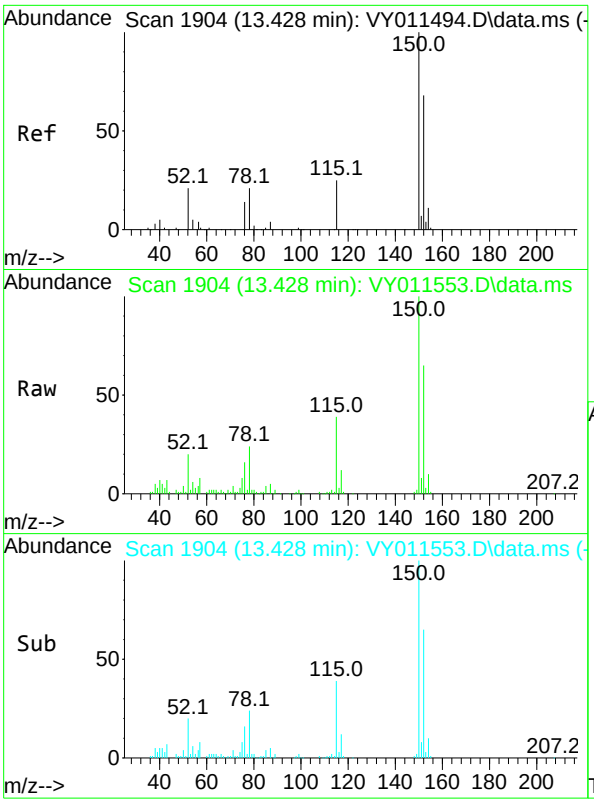


#69
o-Xylene
Concen: 3.296 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VY011553.D
Acq: 22 Nov 2022 17:12

Tgt Ion:106 Resp: 3176

Ion	Ratio	Lower	Upper
106	100		
91	204.5	110.3	331.0



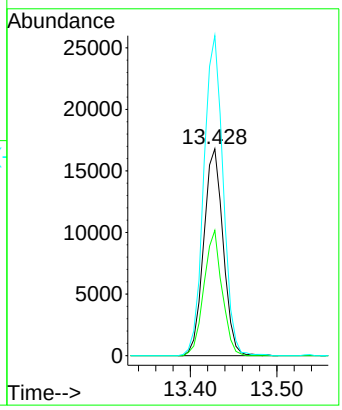


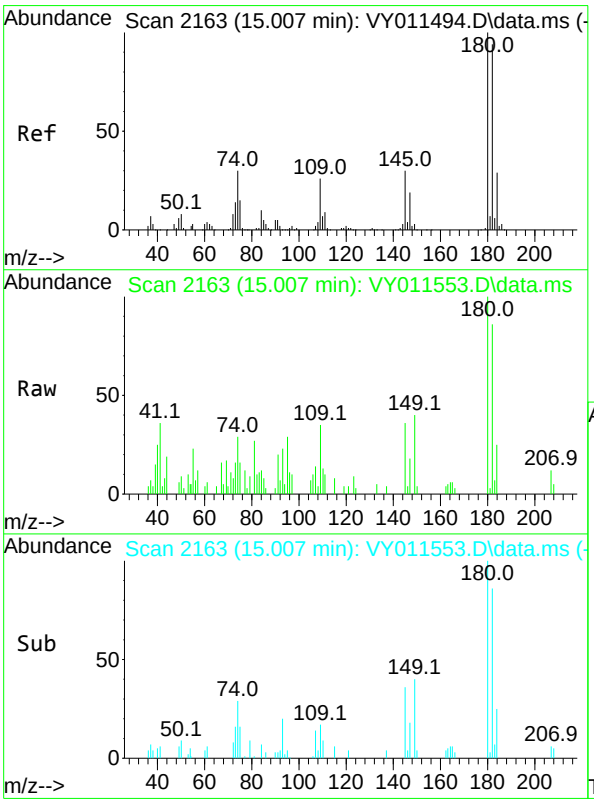
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY011553.D
Acq: 22 Nov 2022 17:12

Instrument :
MSVOA_Y
ClientSampleId :
ETGI-339RE

Tgt Ion:152 Resp: 26155

Ion	Ratio	Lower	Upper
152	100		
115	56.6	28.2	84.7
150	153.7	0.0	347.6

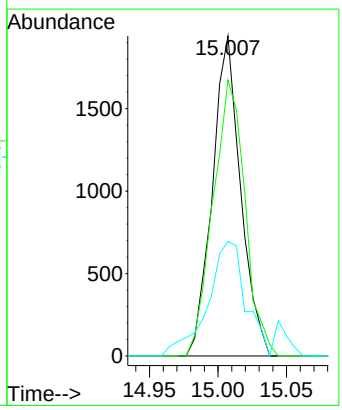


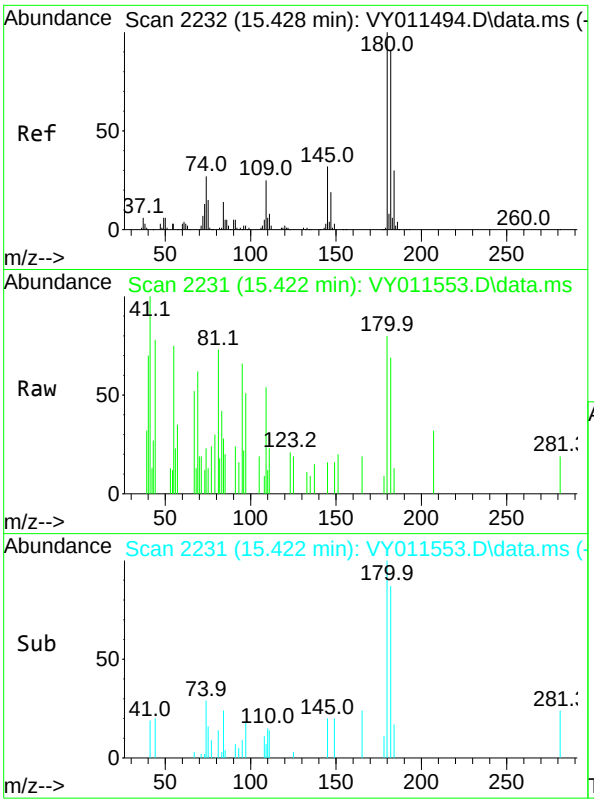


#93
1,2,4-Trichlorobenzene
Concen: 6.311 ug/l
RT: 15.007 min Scan# 2163
Delta R.T. 0.000 min
Lab File: VY011553.D
Acq: 22 Nov 2022 17:12

Tgt Ion:180 Resp: 2790

Ion	Ratio	Lower	Upper
180	100		
182	97.3	47.3	141.9
145	48.1	14.6	43.8#





#96
1,2,3-Trichlorobenzene
Concen: 2.589 ug/l
RT: 15.422 min Scan# 2
Delta R.T. -0.006 min
Lab File: VY011553.D
Acq: 22 Nov 2022 17:12

Instrument :
MSVOA_Y
ClientSampleId :
ETGI-339RE

Tgt Ion:180 Resp: 981

Ion	Ratio	Lower	Upper
180	100		
182	64.0	47.3	141.9
145	18.2	15.3	45.9