Quantitation Report (LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY013125\
Data File : VY021016.D
Acq On : 31 Jan 2025 17:40
Operator : SY/MD
Sample : Q1244-01
Misc : 4.99g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
EO-02-01302025

Quant Time: Jan 31 22:27:52 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y013025S.M
Quant Title : SW846 8260
QLast Update : Fri Jan 31 16:50:06 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.707	168	227831	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	407285	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	389612	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	177554	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	116156	59.881	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 119.760%			
35) Dibromofluoromethane	7.634	113	130033	53.107	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 106.220%			
50) Toluene-d8	10.109	98	489278	51.197	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 102.400%			
62) 4-Bromofluorobenzene	12.407	95	174853	54.526	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery = 109.060%			
Target Compounds						Qvalue
68) m/p-Xylenes	11.627	106	25982	4.758	ug/l	96
69) o-Xylene	11.956	106	16057	3.163	ug/l	100
73) Isopropylbenzene	12.255	105	12637	1.013	ug/l	96
78) n-propylbenzene	12.596	91	38884	2.661	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	99585	9.748	ug/l	99
84) 1,2,4-Trimethylbenzene	13.041	105	413300	41.414	ug/l	99
85) sec-Butylbenzene	13.176	105	46688	3.480	ug/l	88
86) p-Isopropyltoluene	13.291	119	39671	3.519	ug/l	98
89) n-Butylbenzene	13.621	91	43018	4.260	ug/l #	72

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY013125\
Data File : VY021016.D
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Operator : SY/MD
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Misc : 4.99g/5.0mL/MSVOA_Y/SOIL/B
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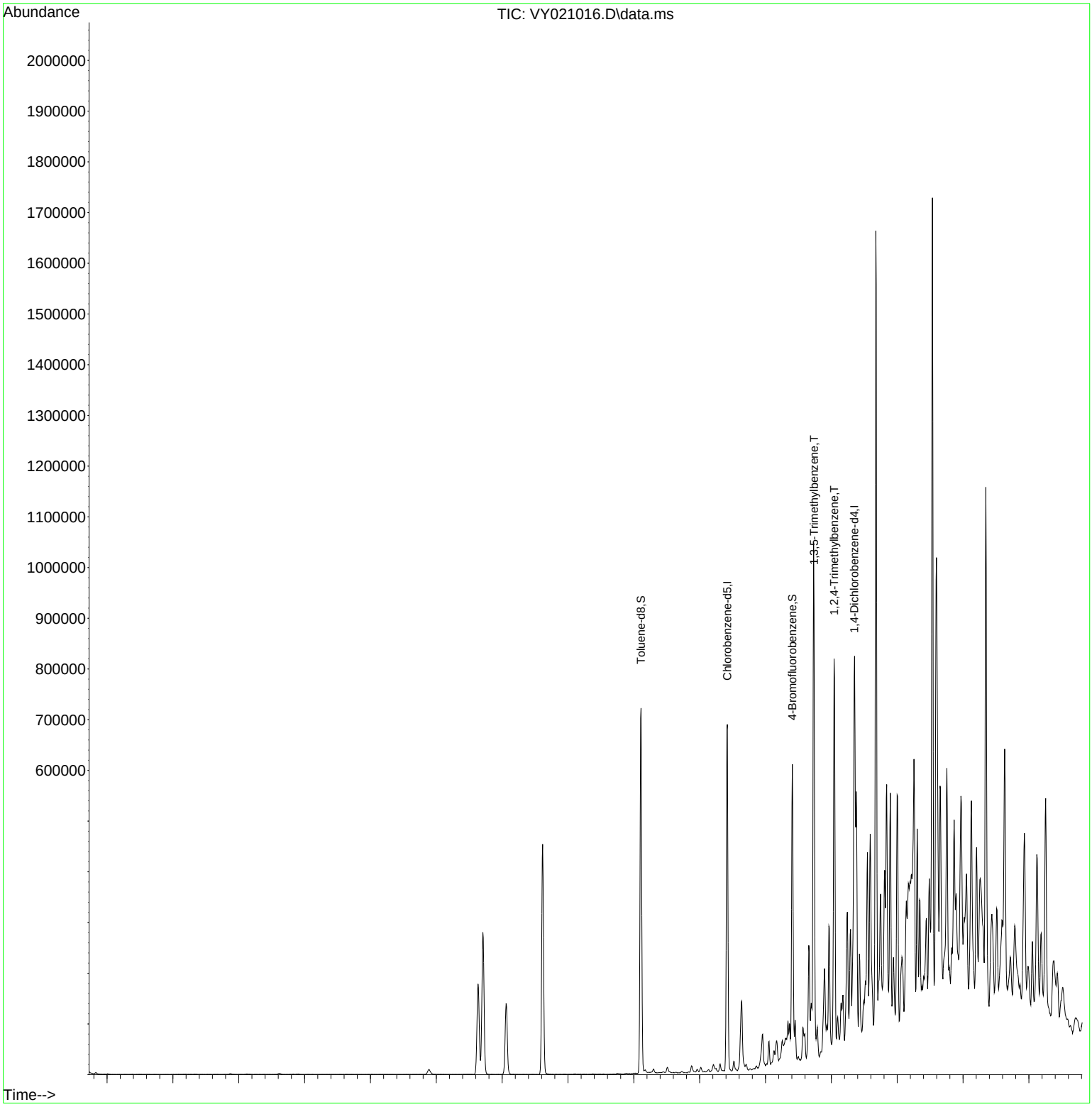
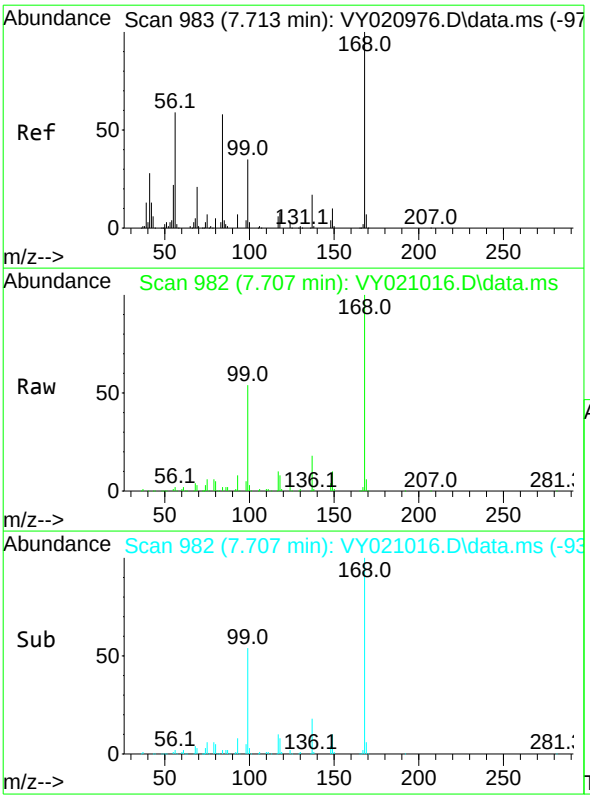
Instrument :
MSVOA_Y
ClientSampleId :
EO-02-01302025

Quant Time: Jan 31 22:27:52 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y013025S.M
Quant Title : SW846 8260
QLast Update : Fri Jan 31 16:50:06 2025
Response via : Initial Calibration



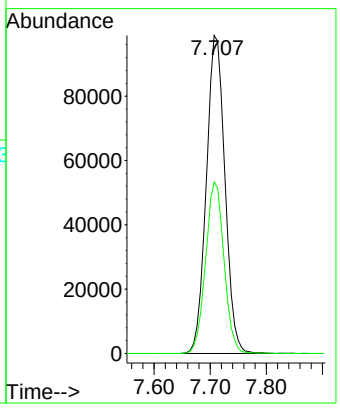


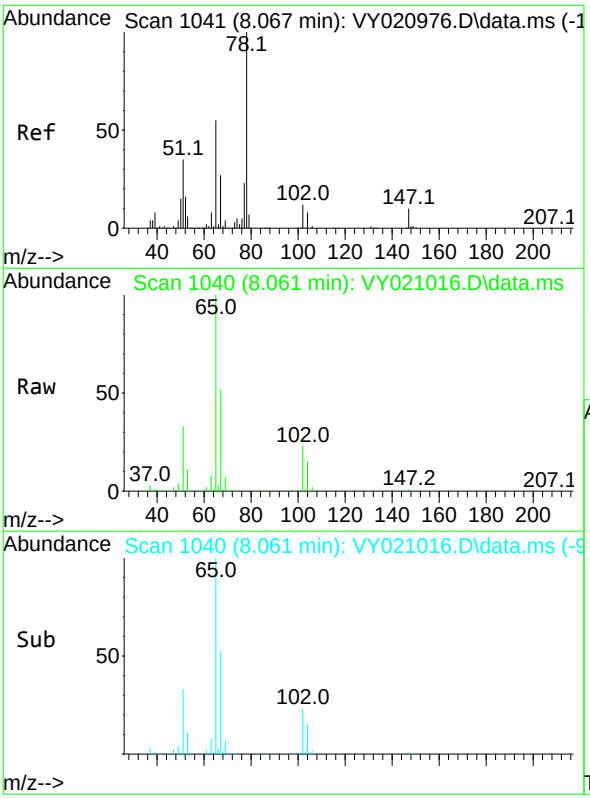
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 98
Delta R.T. -0.006 min
Lab File: VY021016.D
Acq: 31 Jan 2025 17:40

Instrument :
MSVOA_Y
ClientSampleId :
EO-02-01302025

Tgt Ion:168 Resp: 227831

Ion	Ratio	Lower	Upper
168	100		
99	53.9	42.2	63.2

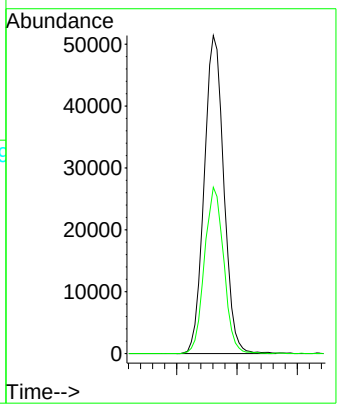


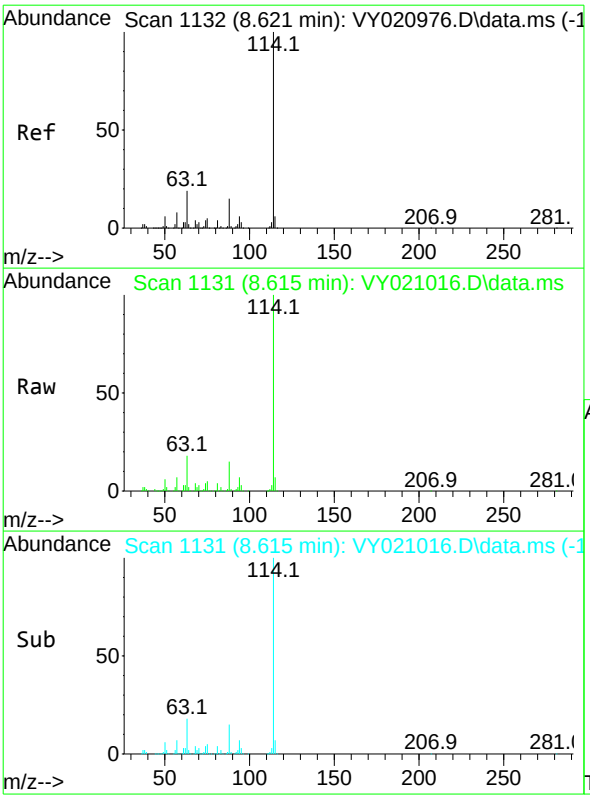


#33
1,2-Dichloroethane-d4
Concen: 59.881 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.006 min
Lab File: VY021016.D
Acq: 31 Jan 2025 17:40

Tgt Ion: 65 Resp: 116156

Ion	Ratio	Lower	Upper
65	100		
67	51.4	0.0	104.4



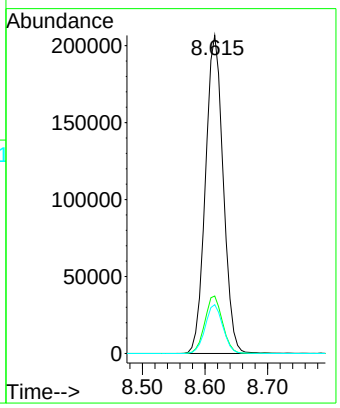


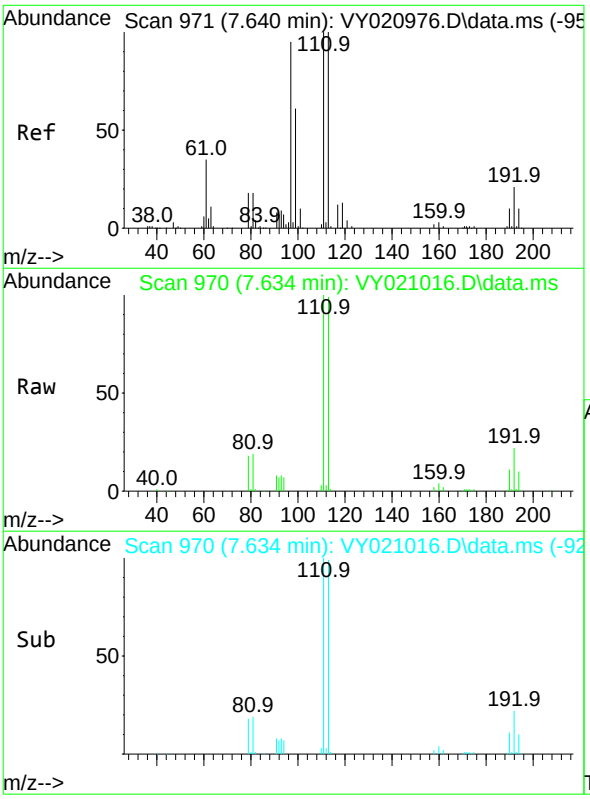
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.615 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY021016.D
Acq: 31 Jan 2025 17:40

Instrument :
MSVOA_Y
ClientSampleId :
EO-02-01302025

Tgt Ion:114 Resp: 407285

Ion	Ratio	Lower	Upper
114	100		
63	18.1	0.0	37.2
88	15.3	0.0	29.6

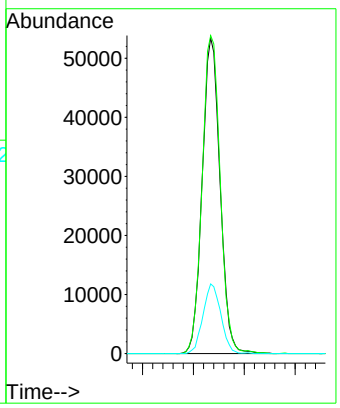


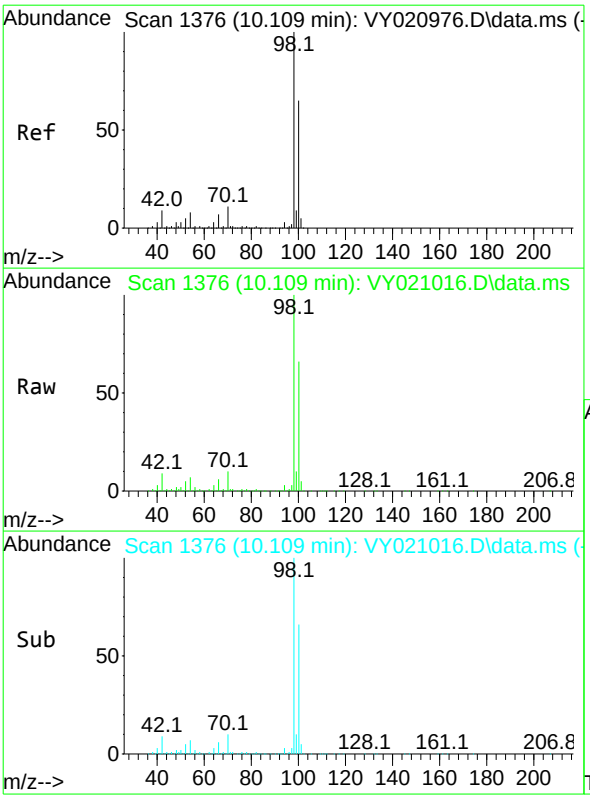


#35
Dibromofluoromethane
Concen: 53.107 ug/l
RT: 7.634 min Scan# 970
Delta R.T. -0.006 min
Lab File: VY021016.D
Acq: 31 Jan 2025 17:40

Tgt Ion:113 Resp: 130033

Ion	Ratio	Lower	Upper
113	100		
111	102.1	82.6	123.8
192	22.0	16.8	25.2



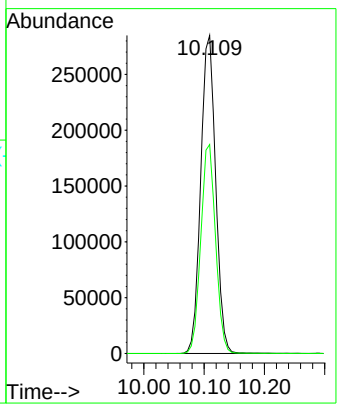


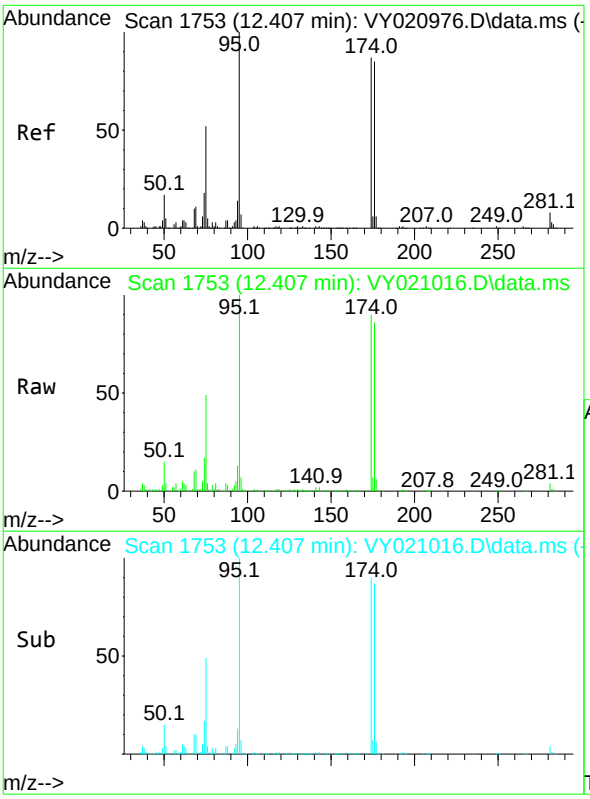
#50
Toluene-d8
Concen: 51.197 ug/l
RT: 10.109 min Scan# 13
Delta R.T. 0.000 min
Lab File: VY021016.D
Acq: 31 Jan 2025 17:40

Instrument :
MSVOA_Y
ClientSampleId :
EO-02-01302025

Tgt Ion: 98 Resp: 489278

Ion	Ratio	Lower	Upper
98	100		
100	65.2	52.6	79.0

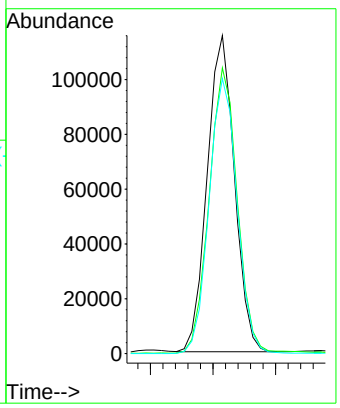


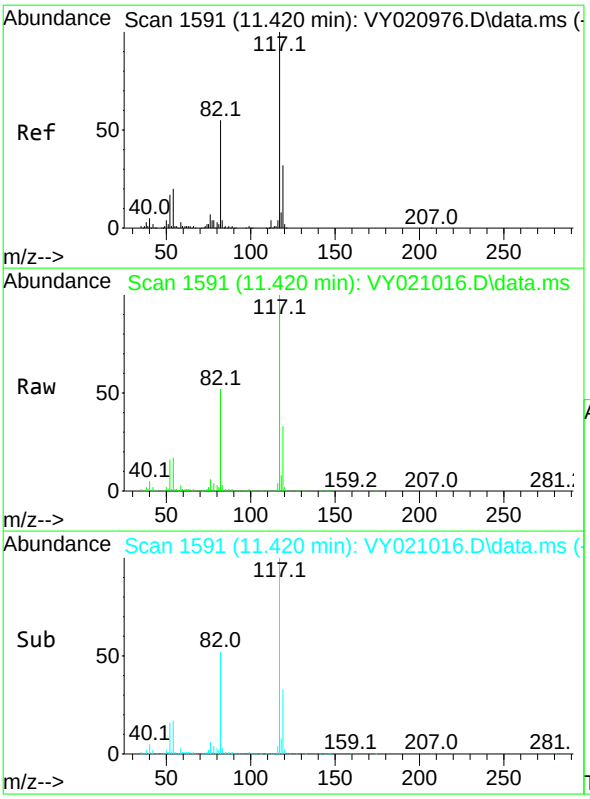


#62
4-Bromofluorobenzene
Concen: 54.526 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY021016.D
Acq: 31 Jan 2025 17:40

Tgt Ion: 95 Resp: 174853

Ion	Ratio	Lower	Upper
95	100		
174	93.4	0.0	181.2
176	89.1	0.0	175.2



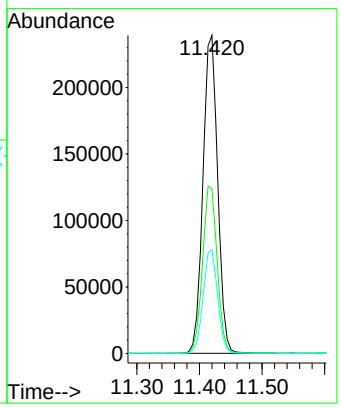


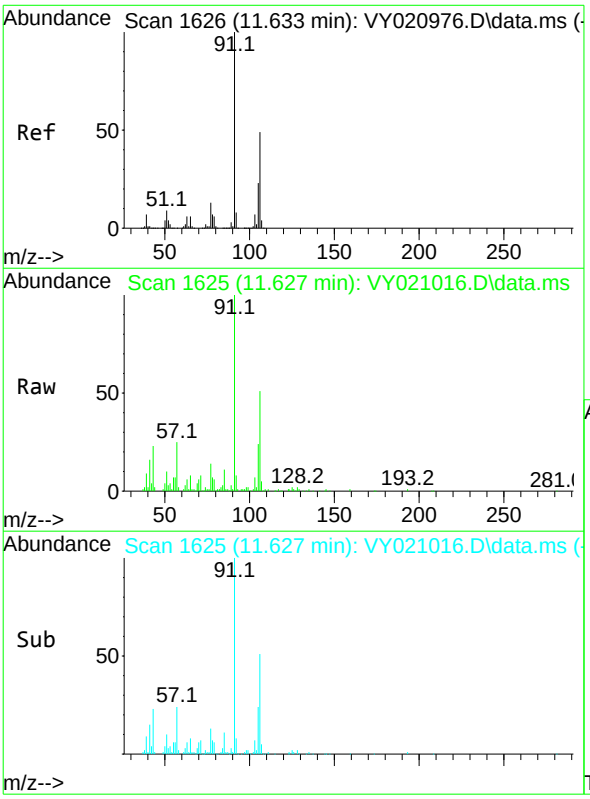
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 15
Delta R.T. 0.000 min
Lab File: VY021016.D
Acq: 31 Jan 2025 17:40

Instrument :
MSVOA_Y
ClientSampleId :
EO-02-01302025

Tgt Ion:117 Resp: 389612

Ion	Ratio	Lower	Upper
117	100		
82	51.8	44.2	66.2
119	32.6	25.9	38.9

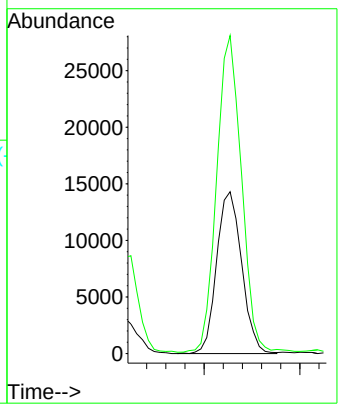


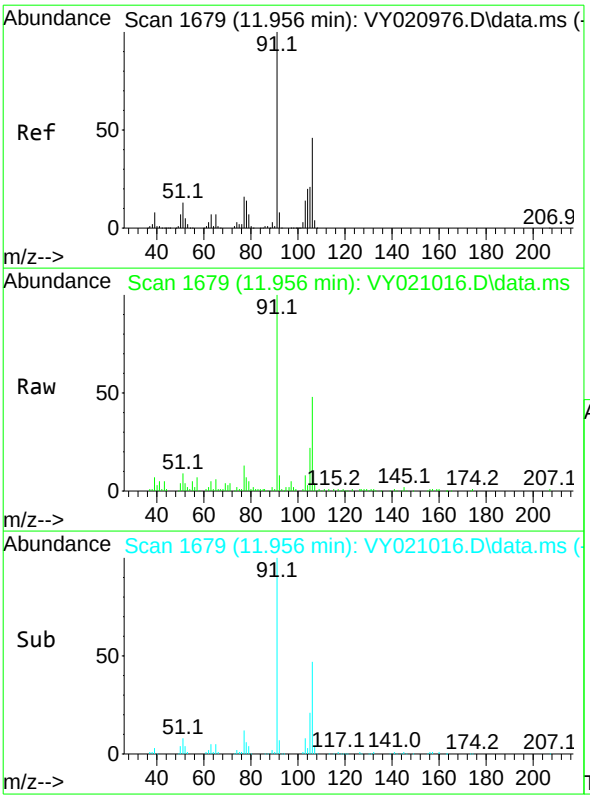


#68
m/p-Xylenes
Concen: 4.758 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. -0.006 min
Lab File: VY021016.D
Acq: 31 Jan 2025 17:40

Tgt Ion:106 Resp: 25982

Ion	Ratio	Lower	Upper
106	100		
91	193.5	160.0	240.0



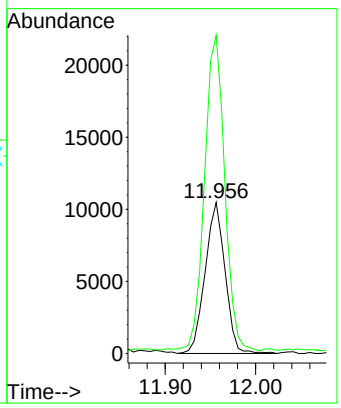


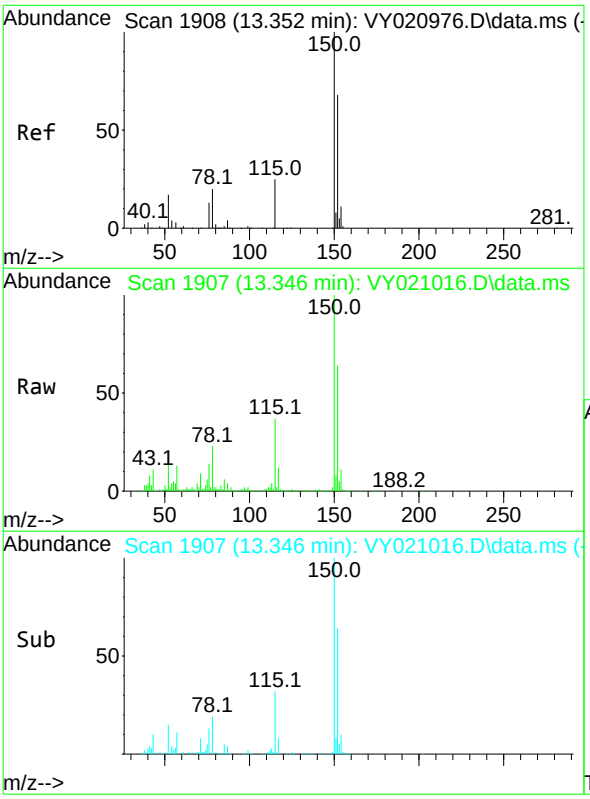
#69
o-Xylene
Concen: 3.163 ug/l
RT: 11.956 min Scan# 16
Delta R.T. 0.000 min
Lab File: VY021016.D
Acq: 31 Jan 2025 17:40

Instrument :
MSVOA_Y
ClientSampleId :
EO-02-01302025

Tgt Ion:106 Resp: 16057

Ion	Ratio	Lower	Upper
106	100		
91	211.3	105.8	317.6

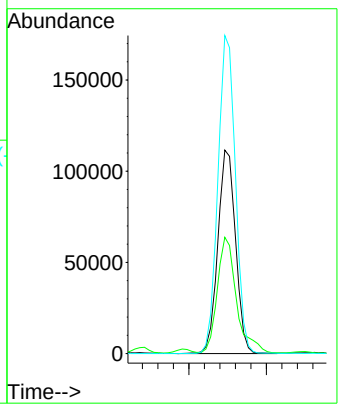


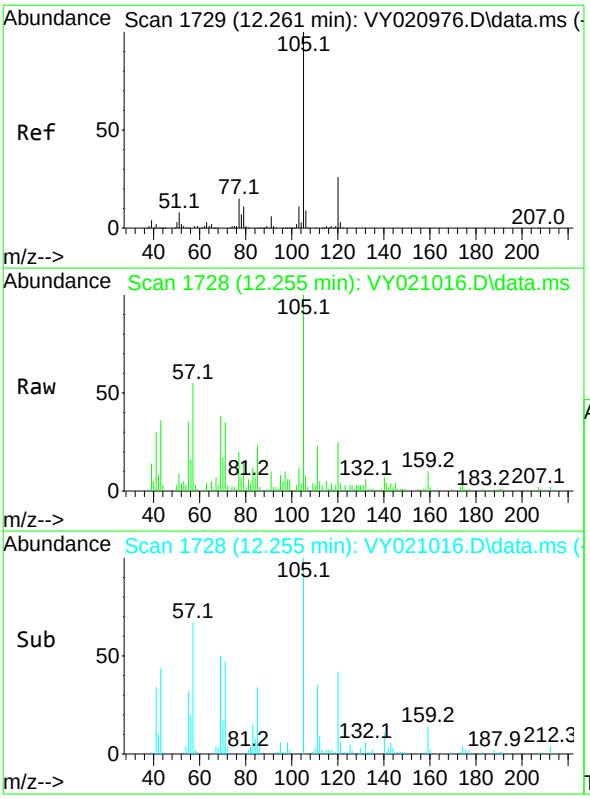


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. -0.006 min
Lab File: VY021016.D
Acq: 31 Jan 2025 17:40

Tgt Ion:152 Resp: 177554

Ion	Ratio	Lower	Upper
152	100		
115	61.3	28.4	85.2
150	154.4	0.0	342.8



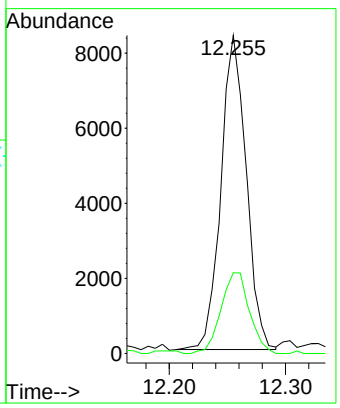


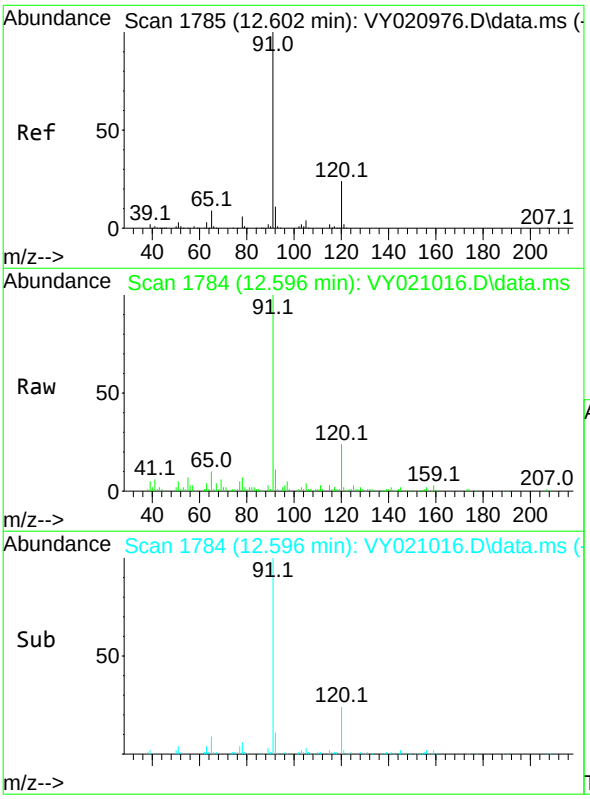
#73
Isopropylbenzene
Concen: 1.013 ug/l
RT: 12.255 min Scan# 17
Delta R.T. -0.006 min
Lab File: VY021016.D
Acq: 31 Jan 2025 17:40

Instrument :
MSVOA_Y
ClientSampleId :
EO-02-01302025

Tgt Ion:105 Resp: 12637

Ion	Ratio	Lower	Upper
105	100		
120	28.9	13.4	40.2

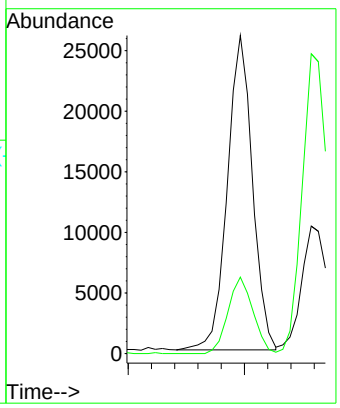


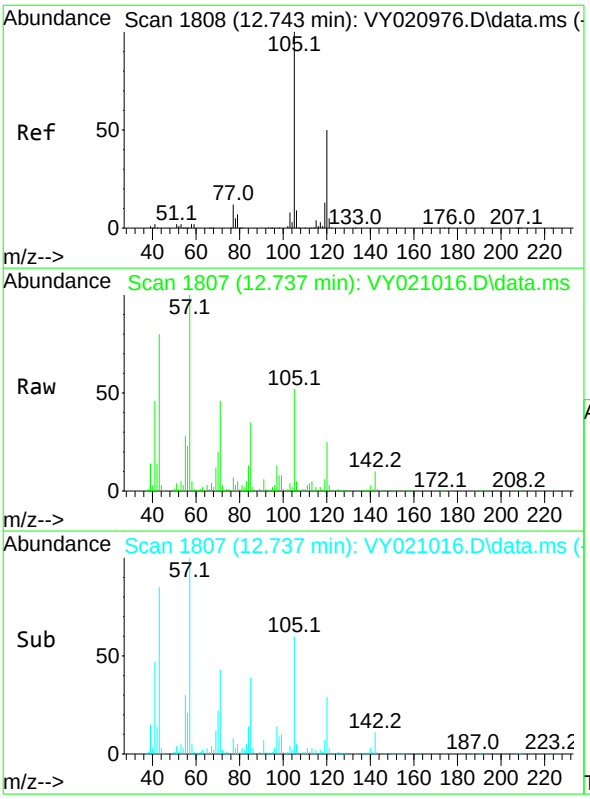


#78
n-propylbenzene
Concen: 2.661 ug/l
RT: 12.596 min Scan# 1784
Delta R.T. -0.006 min
Lab File: VY021016.D
Acq: 31 Jan 2025 17:40

Tgt Ion: 91 Resp: 38884

Ion	Ratio	Lower	Upper
91	100		
120	24.1	11.8	35.4



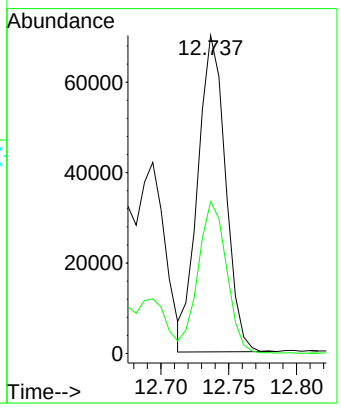


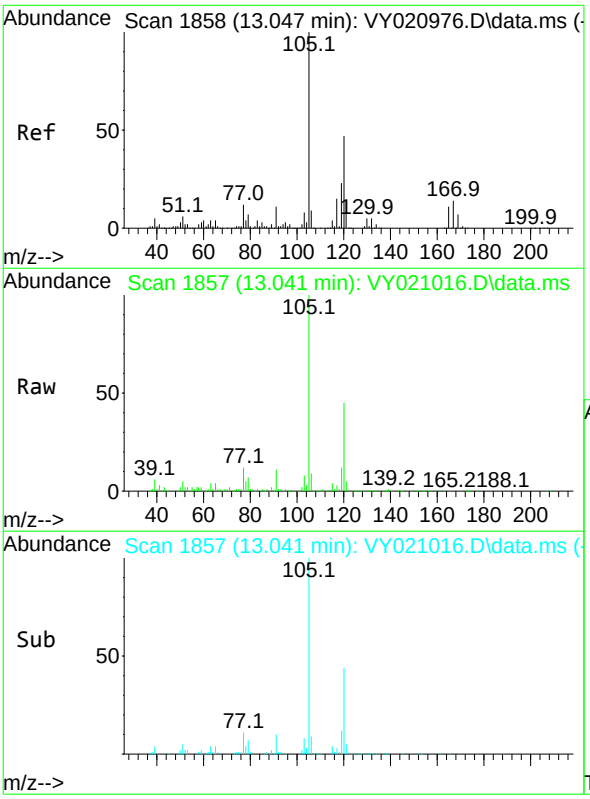
#80
1,3,5-Trimethylbenzene
Concen: 9.748 ug/l
RT: 12.737 min Scan# 18
Delta R.T. -0.006 min
Lab File: VY021016.D
Acq: 31 Jan 2025 17:40

Instrument :
MSVOA_Y
ClientSampleId :
EO-02-01302025

Tgt Ion:105 Resp: 99585

Ion	Ratio	Lower	Upper
105	100		
120	49.3	24.3	72.9

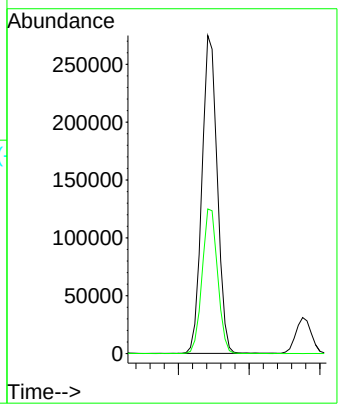


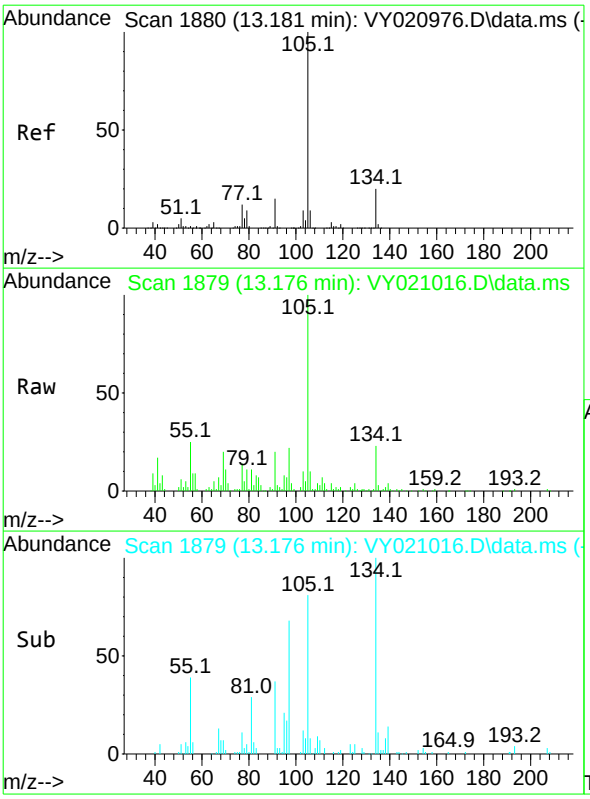


#84
1,2,4-Trimethylbenzene
Concen: 41.414 ug/l
RT: 13.041 min Scan# 1857
Delta R.T. -0.006 min
Lab File: VY021016.D
Acq: 31 Jan 2025 17:40

Tgt Ion:105 Resp: 413300

Ion	Ratio	Lower	Upper
105	100		
120	46.0	22.7	68.0



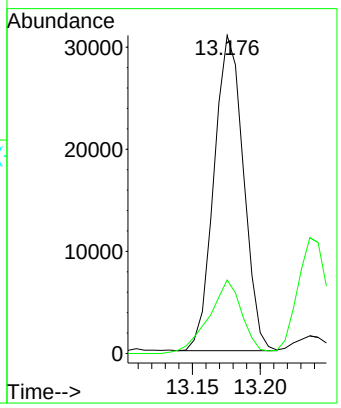


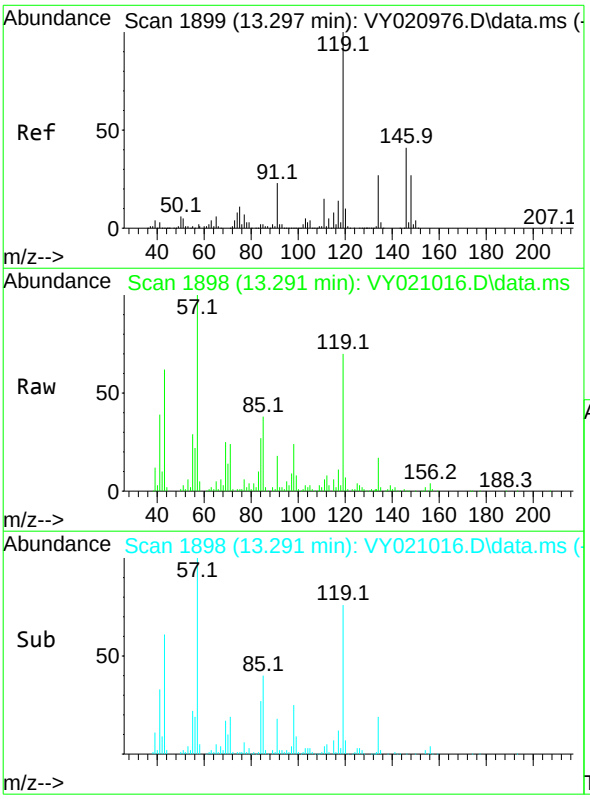
#85
sec-Butylbenzene
Concen: 3.480 ug/l
RT: 13.176 min Scan# 18
Delta R.T. -0.006 min
Lab File: VY021016.D
Acq: 31 Jan 2025 17:40

Instrument :
MSVOA_Y
ClientSampleId :
EO-02-01302025

Tgt Ion:105 Resp: 46688

Ion	Ratio	Lower	Upper
105	100		
134	26.2	10.3	30.8

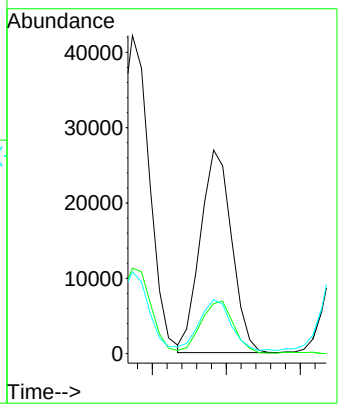


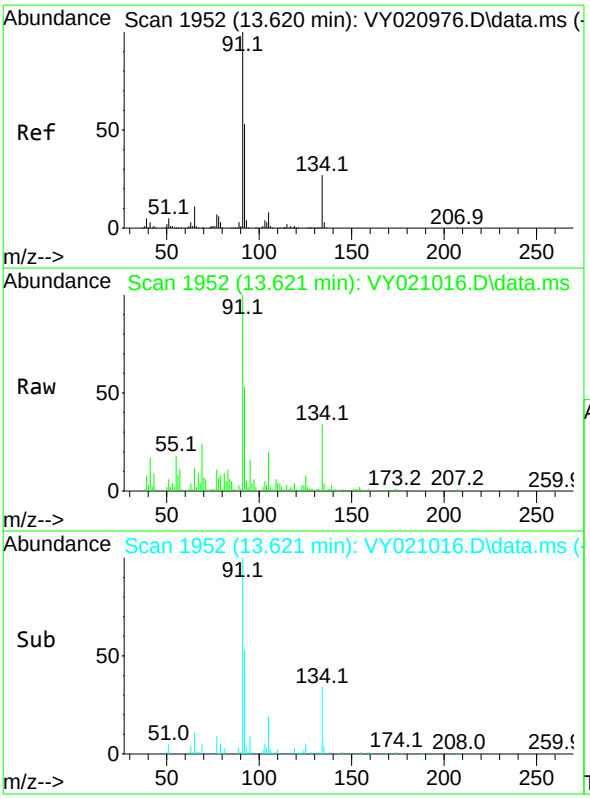


#86
p-Isopropyltoluene
Concen: 3.519 ug/l
RT: 13.291 min Scan# 1898
Delta R.T. -0.006 min
Lab File: VY021016.D
Acq: 31 Jan 2025 17:40

Tgt Ion:119 Resp: 39671

Ion	Ratio	Lower	Upper
119	100		
134	26.6	13.1	39.3
91	24.9	11.5	34.5





#89
n-Butylbenzene
Concen: 4.260 ug/l
RT: 13.621 min Scan# 19
Delta R.T. 0.000 min
Lab File: VY021016.D
Acq: 31 Jan 2025 17:40

Instrument :
MSVOA_Y
ClientSampleId :
EO-02-01302025

Tgt Ion: 91 Resp: 43018

Ion	Ratio	Lower	Upper
91	100		
92	63.8	26.7	80.1
134	0.0	13.7	41.1#