Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110325\
Data File : VY023652.D
Acq On : 03 Nov 2025 12:39
Operator : SY/MD
Sample : Q3515-01RE
Misc : 6.21g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SU-04-103125RE

Quant Time: Nov 04 01:32:17 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 05:12:50 2025
Response via : Initial Calibration

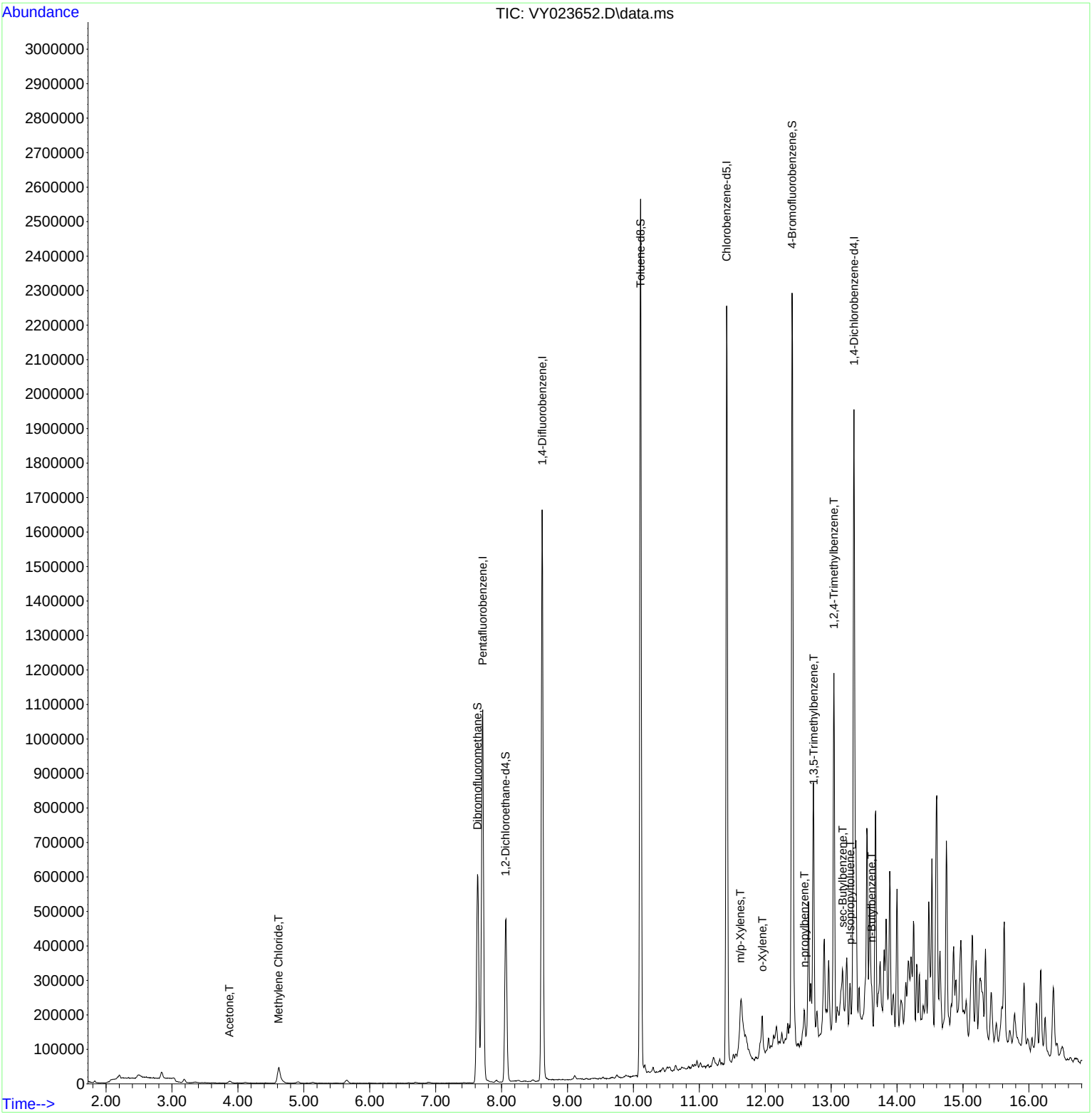
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.713	168	895705	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	1469927	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	1236479	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	472952	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	372642	49.752	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	99.500%		
35) Dibromofluoromethane	7.634	113	437084	48.393	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	96.780%		
50) Toluene-d8	10.109	98	1667567	49.577	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	99.160%		
62) 4-Bromofluorobenzene	12.407	95	481923	43.397	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	86.800%		
Target Compounds						Qvalue
16) Acetone	3.872	43	8884	4.982	ug/l	91
20) Methylene Chloride	4.616	84	33865	3.512	ug/l	96
68) m/p-Xylenes	11.621	106	27577	1.579	ug/l	91
69) o-Xylene	11.956	106	29419	1.796	ug/l	94
78) n-propylbenzene	12.596	91	66211	1.836	ug/l	100
80) 1,3,5-Trimethylbenzene	12.737	105	137289	5.451	ug/l	99
84) 1,2,4-Trimethylbenzene	13.042	105	548337	21.815	ug/l	99
85) sec-Butylbenzene	13.176	105	44907	1.346	ug/l	87
86) p-Isopropyltoluene	13.291	119	29991	1.056	ug/l	99
89) n-Butylbenzene	13.615	91	50053	2.023	ug/l #	75

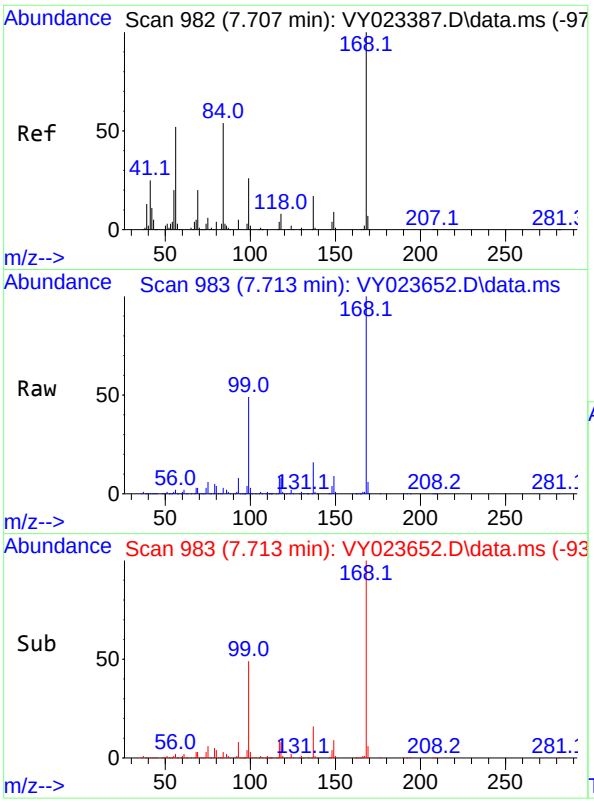
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110325\
Data File : VY023652.D
Acq On : 03 Nov 2025 12:39
Operator : SY/MD
Sample : Q3515-01RE
Misc : 6.21g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SU-04-103125RE

Quant Time: Nov 04 01:32:17 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 05:12:50 2025
Response via : Initial Calibration



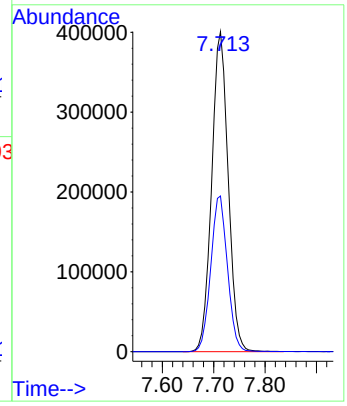


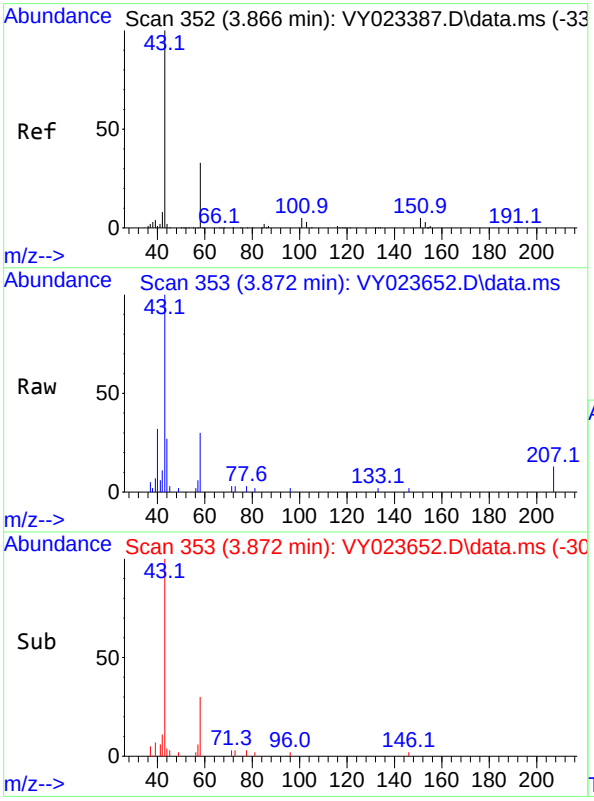
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 9
Delta R.T. 0.006 min
Lab File: VY023652.D
Acq: 03 Nov 2025 12:39

Instrument :
MSVOA_Y
ClientSampleId :
SU-04-103125RE

Tgt Ion:168 Resp: 895705

Ion	Ratio	Lower	Upper
168	100		
99	48.6	39.7	59.5

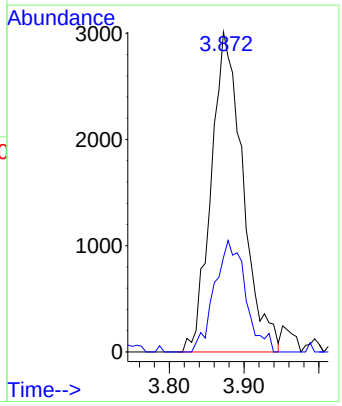


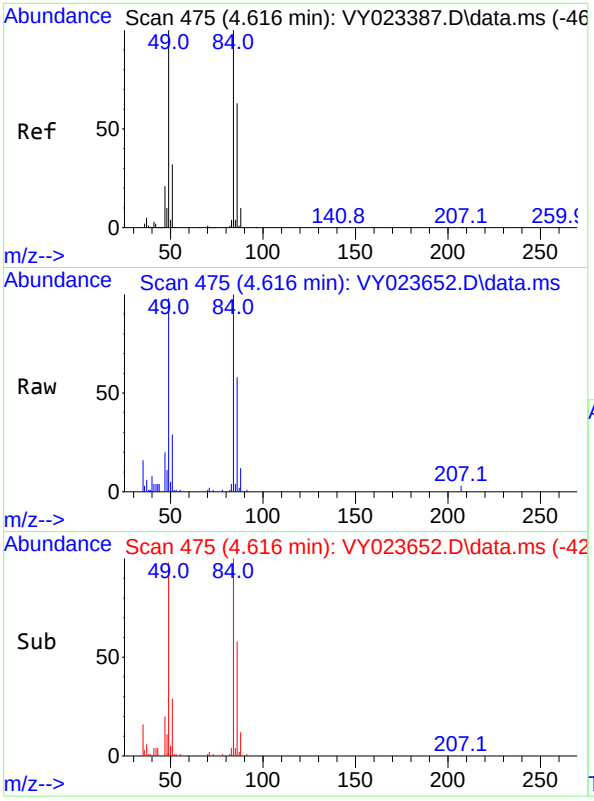


#16
Acetone
Concen: 4.982 ug/l
RT: 3.872 min Scan# 353
Delta R.T. 0.006 min
Lab File: VY023652.D
Acq: 03 Nov 2025 12:39

Tgt Ion: 43 Resp: 8884

Ion	Ratio	Lower	Upper
43	100		
58	29.5	27.7	41.5



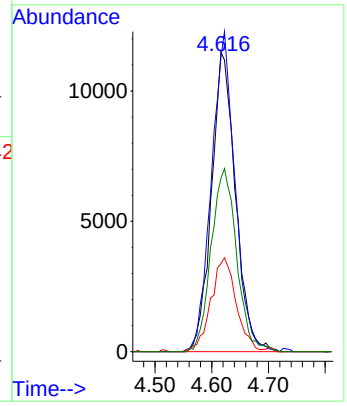


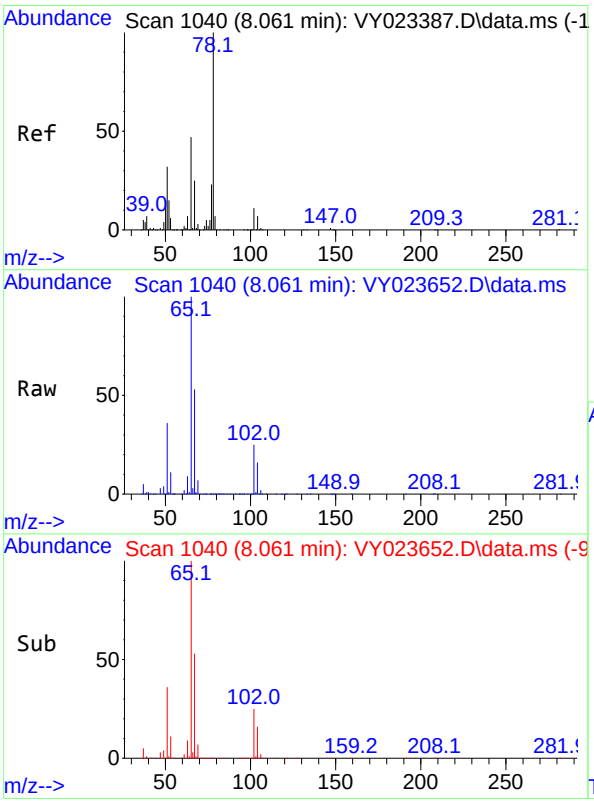
#20
Methylene Chloride
Concen: 3.512 ug/l
RT: 4.616 min Scan# 4
Delta R.T. -0.000 min
Lab File: VY023652.D
Acq: 03 Nov 2025 12:39

Instrument :
MSVOA_Y
ClientSampleId :
SU-04-103125RE

Tgt Ion: 84 Resp: 33865

Ion	Ratio	Lower	Upper
84	100		
49	98.4	80.2	120.4
51	29.4	25.9	38.9
86	57.9	50.6	75.8

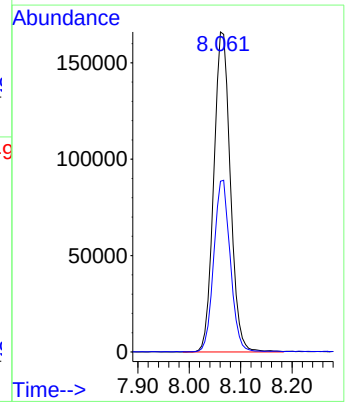


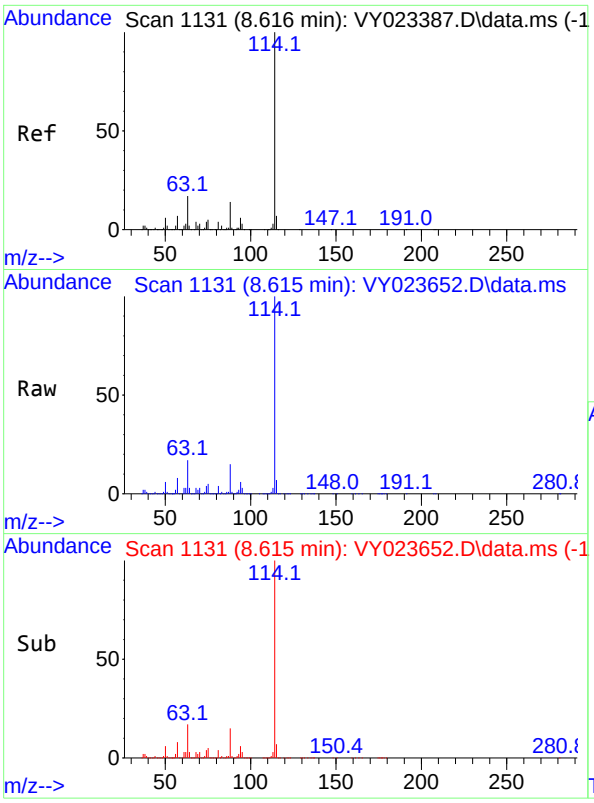


#33
1,2-Dichloroethane-d4
Concen: 49.752 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VY023652.D
Acq: 03 Nov 2025 12:39

Tgt Ion: 65 Resp: 372642

Ion	Ratio	Lower	Upper
65	100		
67	52.9	0.0	105.8



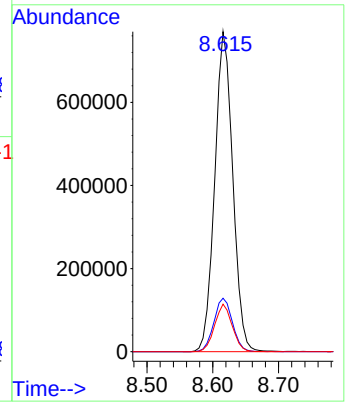


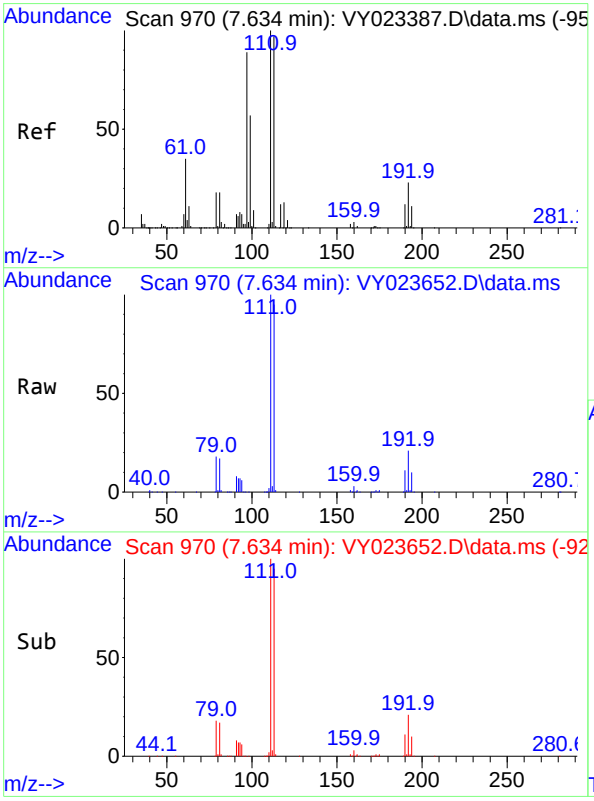
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.615 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY023652.D
Acq: 03 Nov 2025 12:39

Instrument :
MSVOA_Y
ClientSampleId :
SU-04-103125RE

Tgt Ion:114 Resp: 1469927

Ion	Ratio	Lower	Upper
114	100		
63	16.7	0.0	34.2
88	14.9	0.0	28.4

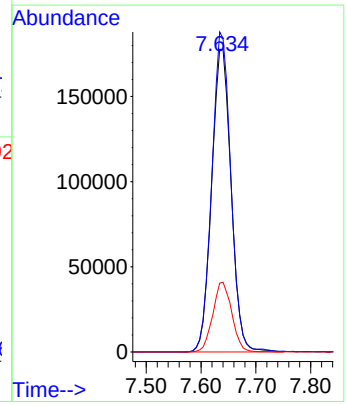


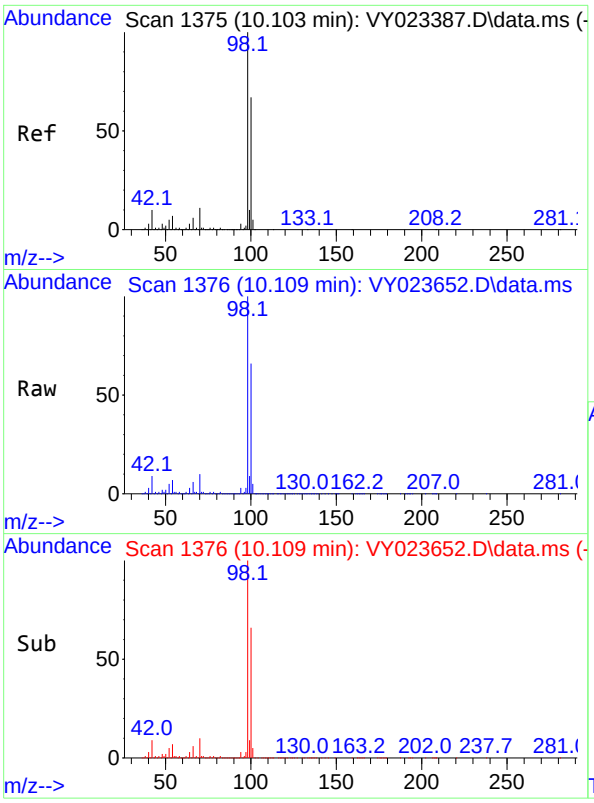


#35
Dibromofluoromethane
Concen: 48.393 ug/l
RT: 7.634 min Scan# 970
Delta R.T. -0.000 min
Lab File: VY023652.D
Acq: 03 Nov 2025 12:39

Tgt Ion:113 Resp: 437084

Ion	Ratio	Lower	Upper
113	100		
111	103.5	81.8	122.6
192	22.6	18.0	27.0



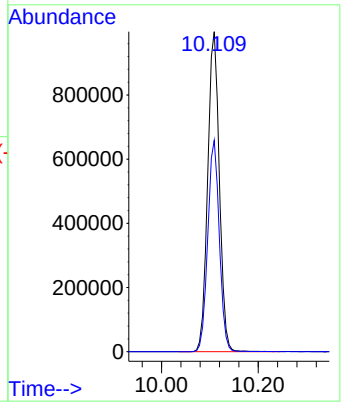


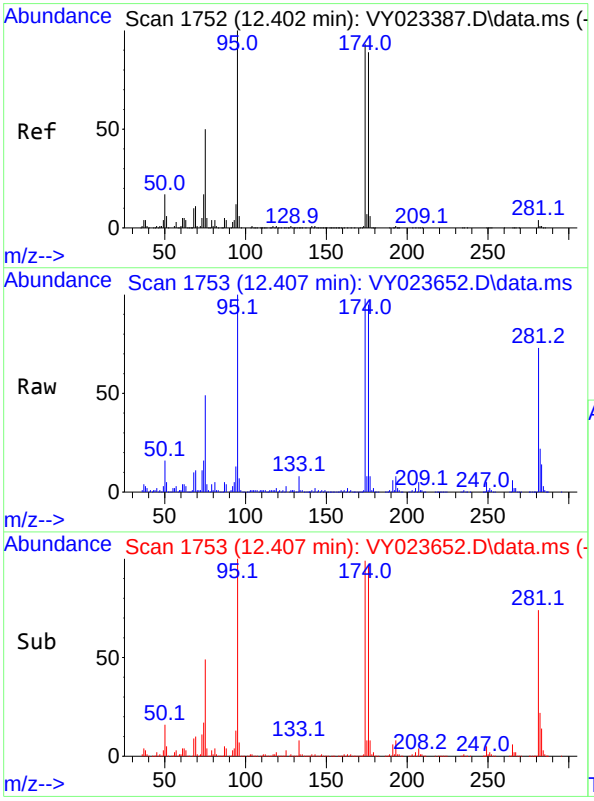
#50
Toluene-d8
Concen: 49.577 ug/l
RT: 10.109 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY023652.D
Acq: 03 Nov 2025 12:39

Instrument :
MSVOA_Y
ClientSampleId :
SU-04-103125RE

Tgt Ion: 98 Resp: 1667567

Ion	Ratio	Lower	Upper
98	100		
100	65.6	53.0	79.4

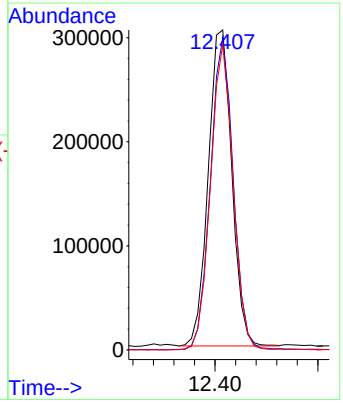


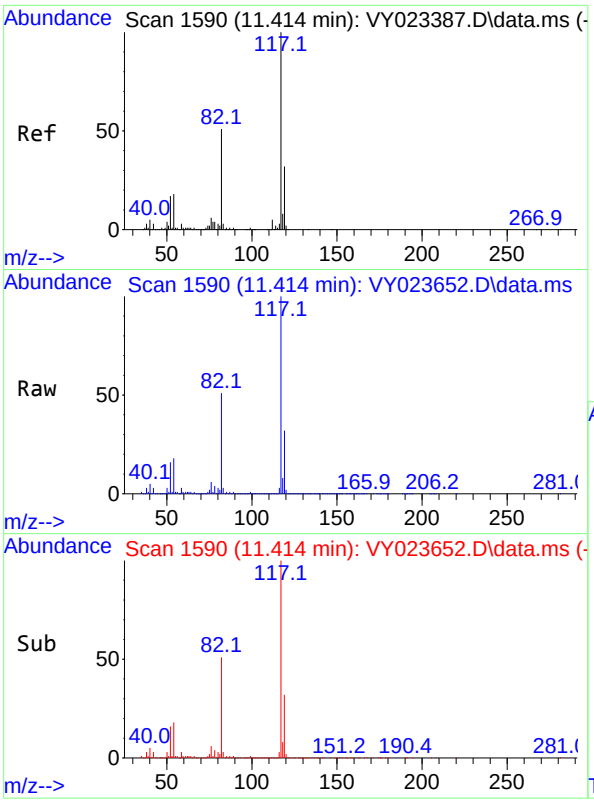


#62
4-Bromofluorobenzene
Concen: 43.397 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY023652.D
Acq: 03 Nov 2025 12:39

Tgt Ion: 95 Resp: 481923

Ion	Ratio	Lower	Upper
95	100		
174	96.2	0.0	192.8
176	93.1	0.0	187.6



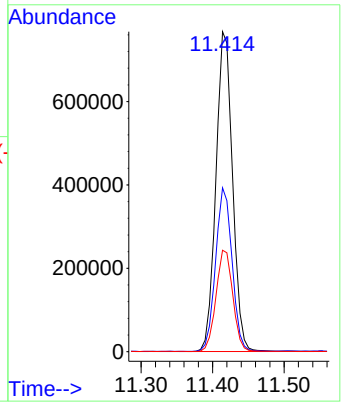


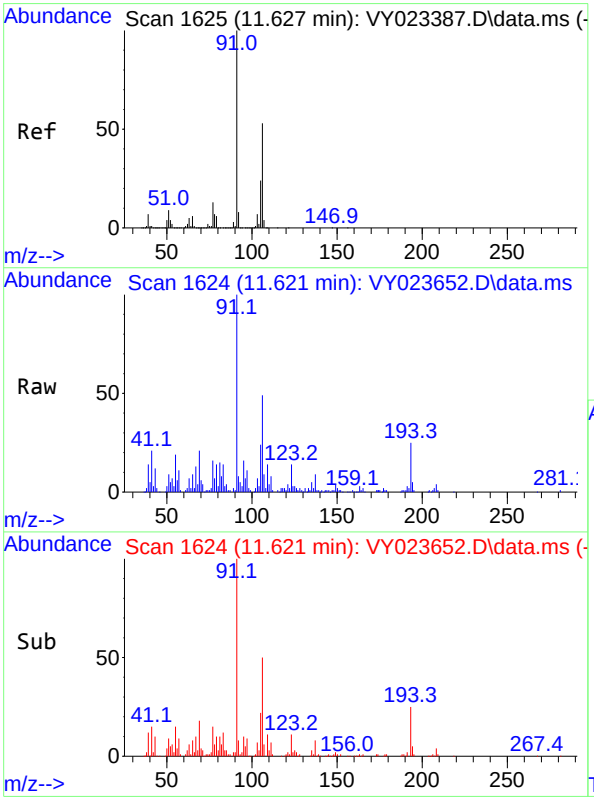
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY023652.D
Acq: 03 Nov 2025 12:39

Instrument :
MSVOA_Y
ClientSampleId :
SU-04-103125RE

Tgt Ion:117 Resp: 1236479

Ion	Ratio	Lower	Upper
117	100		
82	51.1	41.0	61.4
119	31.6	25.6	38.4

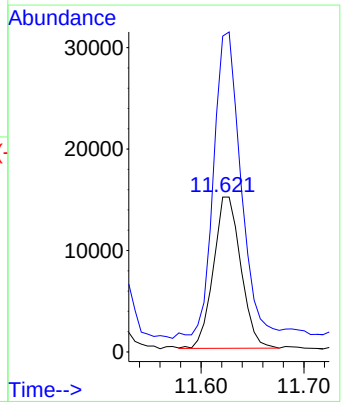


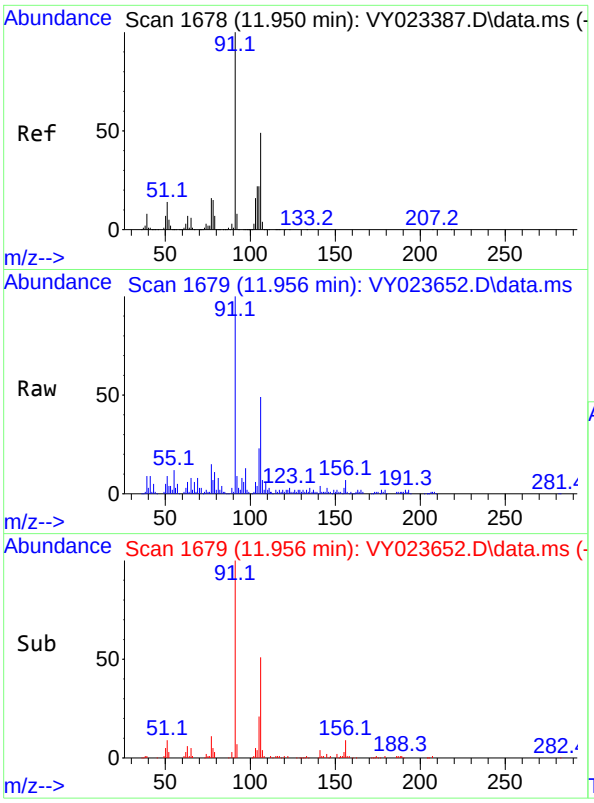


#68
m/p-Xylenes
Concen: 1.579 ug/l
RT: 11.621 min Scan# 1624
Delta R.T. -0.006 min
Lab File: VY023652.D
Acq: 03 Nov 2025 12:39

Tgt Ion:106 Resp: 27577

Ion	Ratio	Lower	Upper
106	100		
91	203.4	152.6	229.0



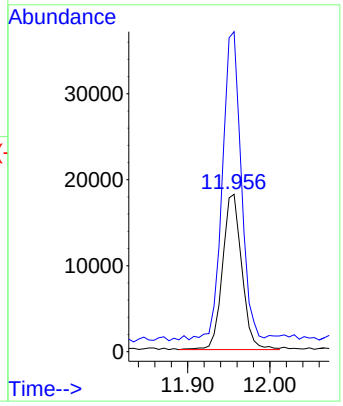


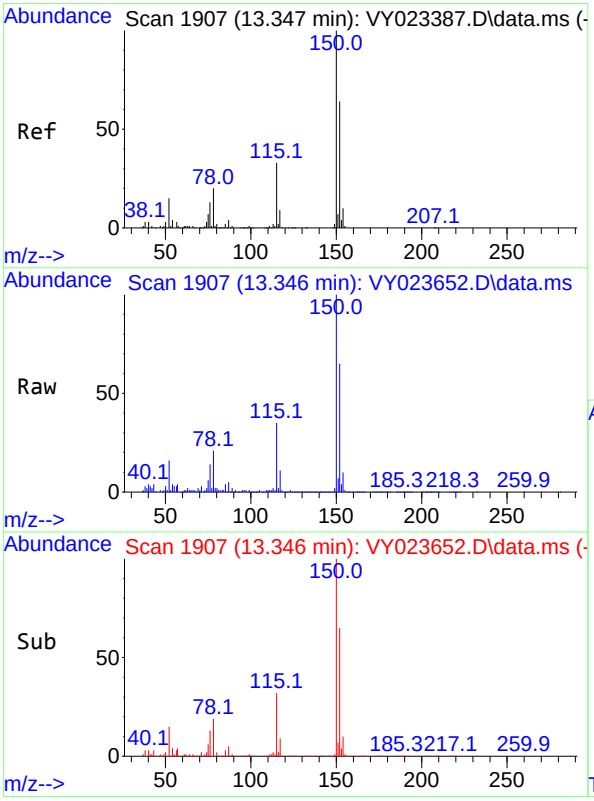
#69
o-Xylene
Concen: 1.796 ug/l
RT: 11.956 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY023652.D
Acq: 03 Nov 2025 12:39

Instrument :
MSVOA_Y
ClientSampleId :
SU-04-103125RE

Tgt Ion:106 Resp: 29419

Ion	Ratio	Lower	Upper
106	100		
91	193.2	101.4	304.1

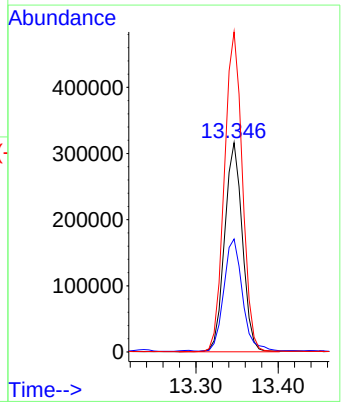


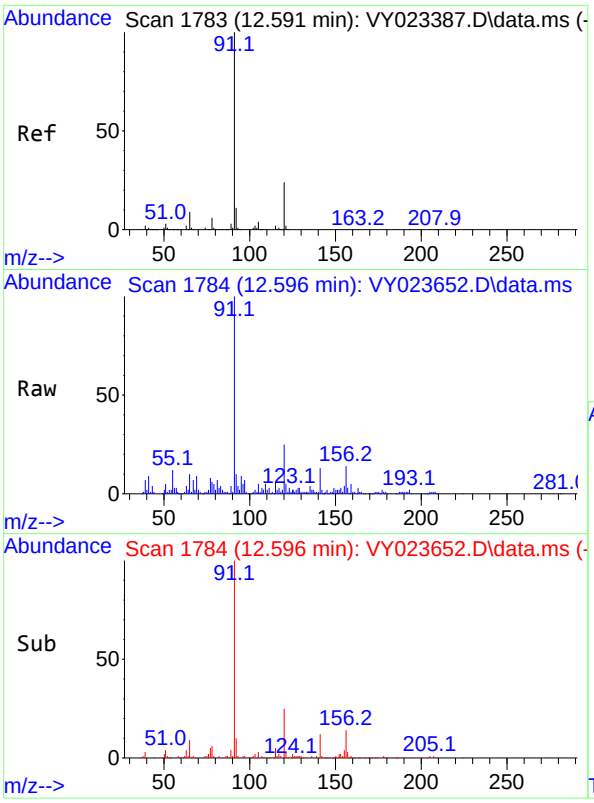


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY023652.D
Acq: 03 Nov 2025 12:39

Tgt Ion:152 Resp: 472952

Ion	Ratio	Lower	Upper
152	100		
115	56.5	27.1	81.2
150	155.6	0.0	347.4



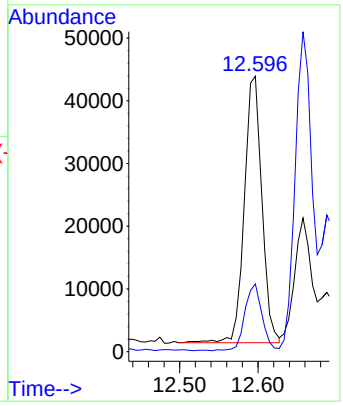


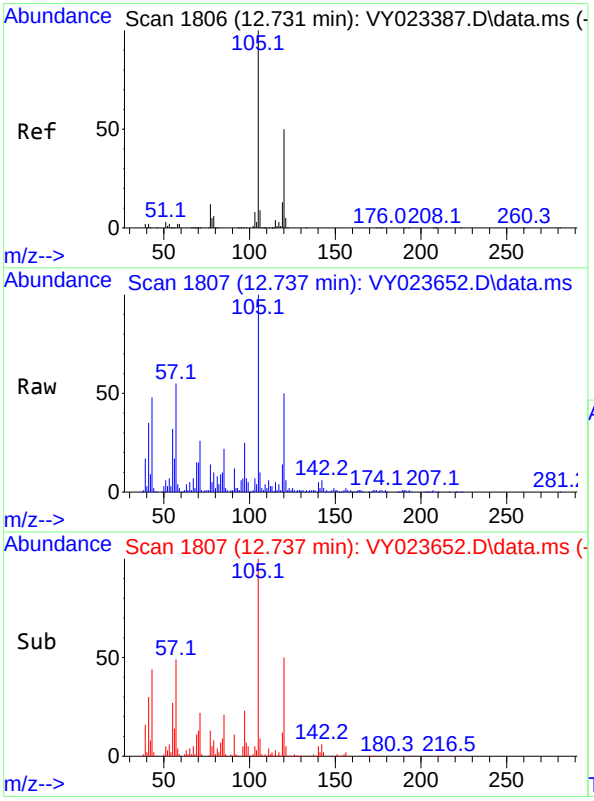
#78
n-propylbenzene
Concen: 1.836 ug/l
RT: 12.596 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY023652.D
Acq: 03 Nov 2025 12:39

Instrument :
MSVOA_Y
ClientSampleId :
SU-04-103125RE

Tgt Ion: 91 Resp: 66211

Ion	Ratio	Lower	Upper
91	100		
120	24.6	12.3	36.8

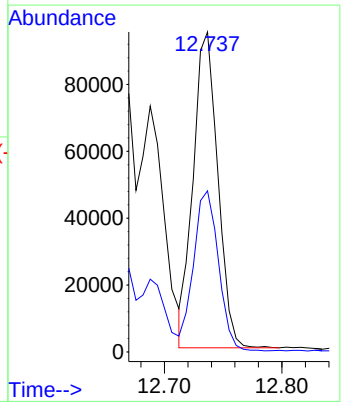


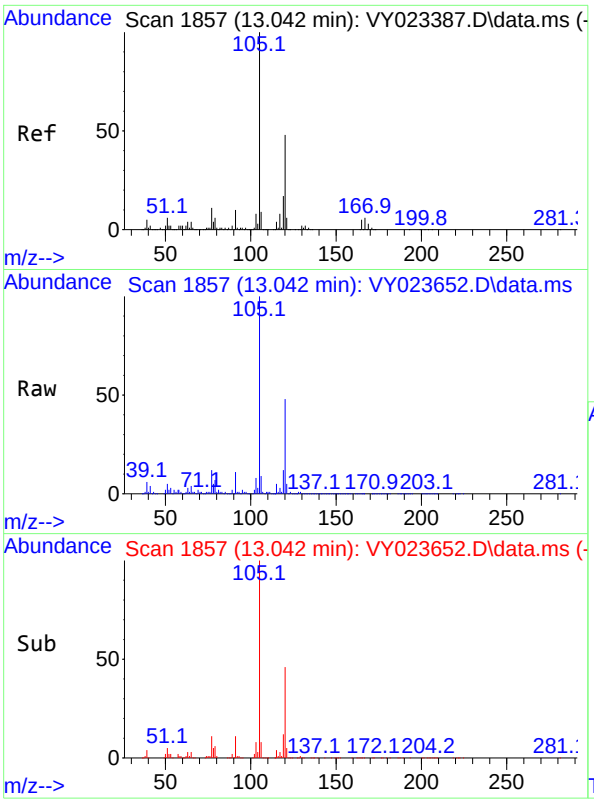


#80
1,3,5-Trimethylbenzene
Concen: 5.451 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.006 min
Lab File: VY023652.D
Acq: 03 Nov 2025 12:39

Tgt Ion:105 Resp: 137289

Ion	Ratio	Lower	Upper
105	100		
120	51.4	25.4	76.4



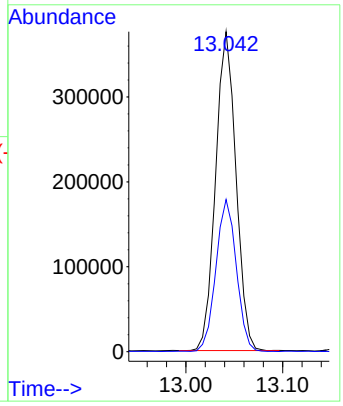


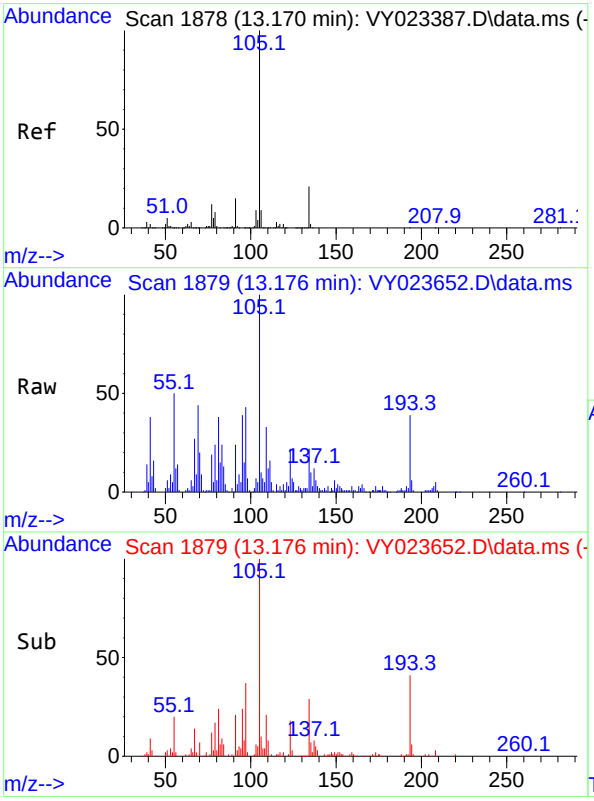
#84
1,2,4-Trimethylbenzene
Concen: 21.815 ug/l
RT: 13.042 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY023652.D
Acq: 03 Nov 2025 12:39

Instrument :
MSVOA_Y
ClientSampleId :
SU-04-103125RE

Tgt Ion:105 Resp: 548337

Ion	Ratio	Lower	Upper
105	100		
120	47.9	23.8	71.2

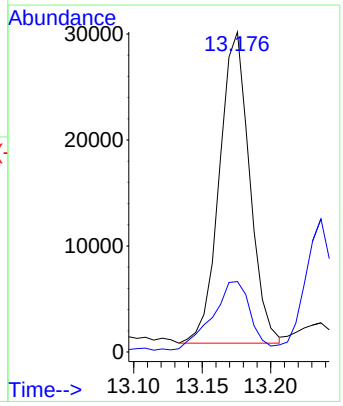


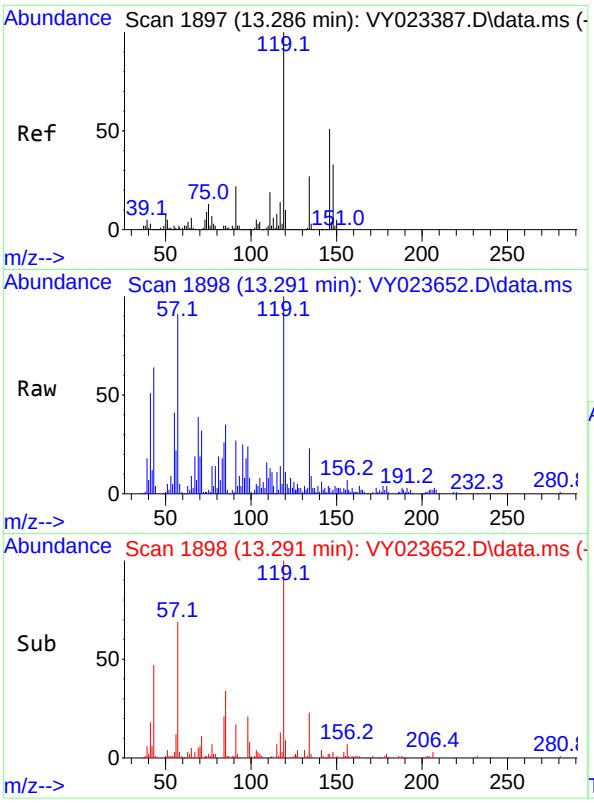


#85
sec-Butylbenzene
Concen: 1.346 ug/l
RT: 13.176 min Scan# 1879
Delta R.T. 0.006 min
Lab File: VY023652.D
Acq: 03 Nov 2025 12:39

Tgt Ion:105 Resp: 44907

Ion	Ratio	Lower	Upper
105	100		
134	27.4	10.7	32.1



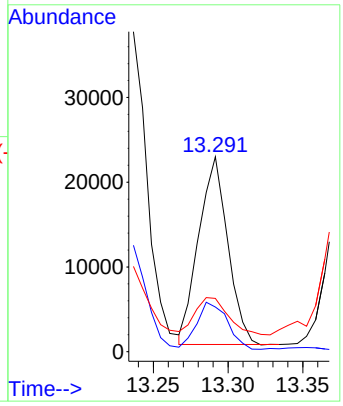


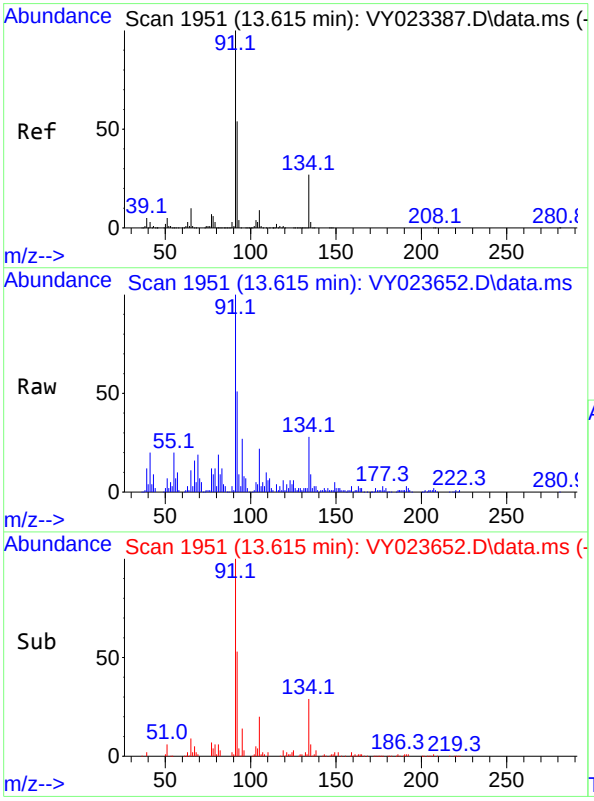
#86
p-Isopropyltoluene
Concen: 1.056 ug/l
RT: 13.291 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY023652.D
Acq: 03 Nov 2025 12:39

Instrument :
MSVOA_Y
ClientSampleId :
SU-04-103125RE

Tgt Ion:119 Resp: 29991

Ion	Ratio	Lower	Upper
119	100		
134	26.5	13.6	40.7
91	22.2	10.9	32.9





#89
n-Butylbenzene
Concen: 2.023 ug/l
RT: 13.615 min Scan# 1951
Delta R.T. -0.000 min
Lab File: VY023652.D
Acq: 03 Nov 2025 12:39

Tgt Ion: 91 Resp: 50053

Ion	Ratio	Lower	Upper
91	100		
92	61.4	27.0	80.8
134	0.0	14.1	42.2#