Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050225\
Data File : VX046018.D
Acq On : 02 May 2025 11:31
Operator : JC/MD
Sample : Q1913-04RE
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
WC-13-A-202504RE

Quant Time: May 02 13:03:25 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 03:11:43 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.544	168	65405	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	123884	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	113310	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	47494	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	61207	51.173	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 102.340%			
35) Dibromofluoromethane	5.379	113	31866	36.254	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 72.500%#			
50) Toluene-d8	8.647	98	153823	50.139	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.280%			
62) 4-Bromofluorobenzene	11.079	95	59404	53.159	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 106.320%			
Target Compounds						Qvalue
11) Tert butyl alcohol	2.971	59	1664	10.352	ug/l #	72
16) Acetone	2.379	43	11869	24.166	ug/l	95
18) Methyl Acetate	2.709	43	1413	1.250	ug/l	99
20) Methylene Chloride	2.782	84	1364	1.483	ug/l #	76
31) Cyclohexane	5.464	56	109489	74.623	ug/l	95
39) Methylcyclohexane	7.372	83	203628	139.975	ug/l	98
40) Benzene	6.043	78	3452	0.952	ug/l #	81
68) m/p-Xylenes	10.305	106	5006	3.174	ug/l	91
73) Isopropylbenzene	10.963	105	38200	10.041	ug/l	99
78) n-propylbenzene	11.305	91	51711	11.801	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	3059	0.972	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	6292	1.993	ug/l	97
85) sec-Butylbenzene	11.890	105	5120	1.338	ug/l	97
89) n-Butylbenzene	12.329	91	5609	2.051	ug/l #	75
95) Naphthalene	13.774	128	10778	3.271	ug/l #	78

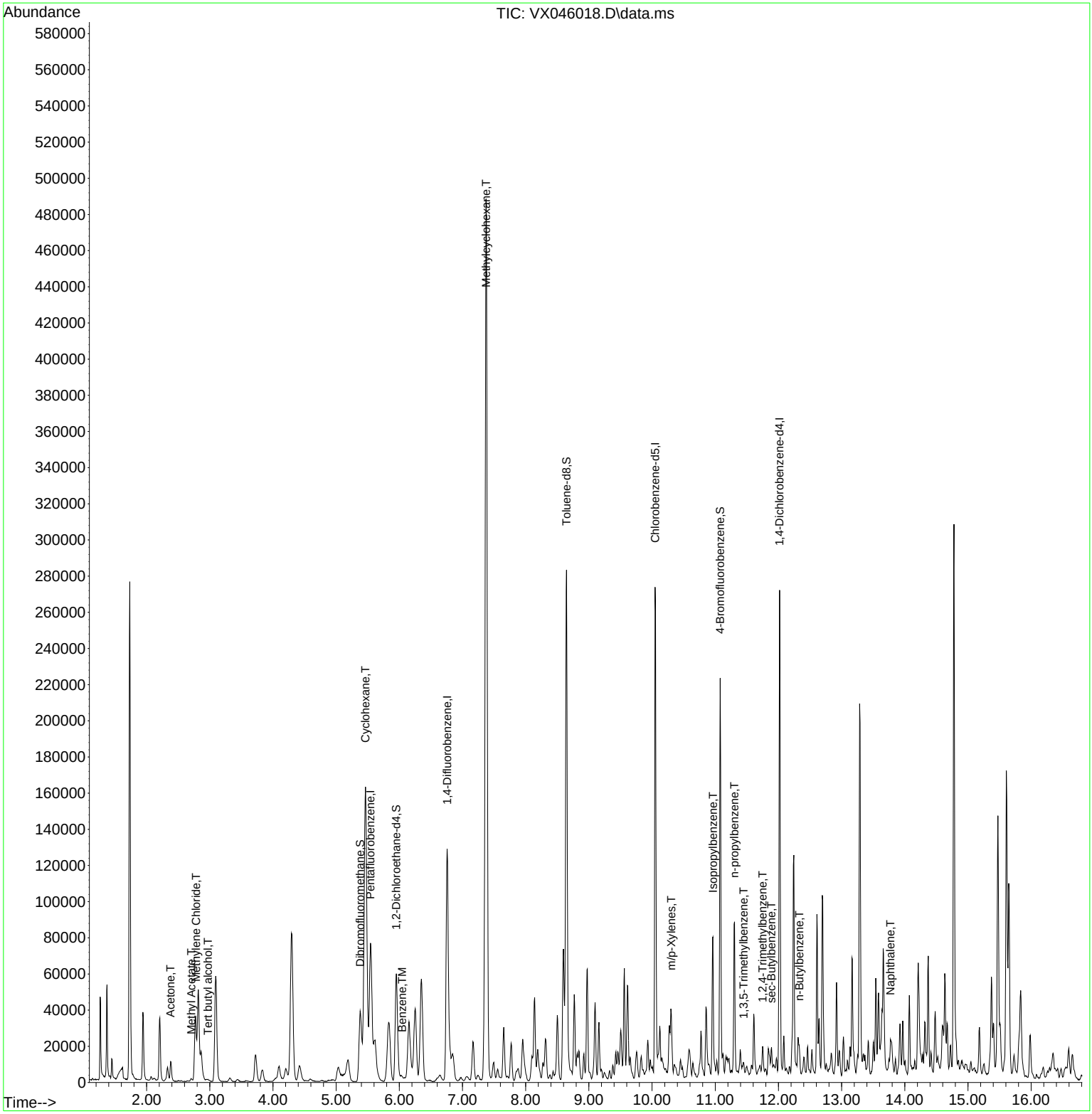
(#) = qualifier out of range (m) = manual integration (+) = signals summed

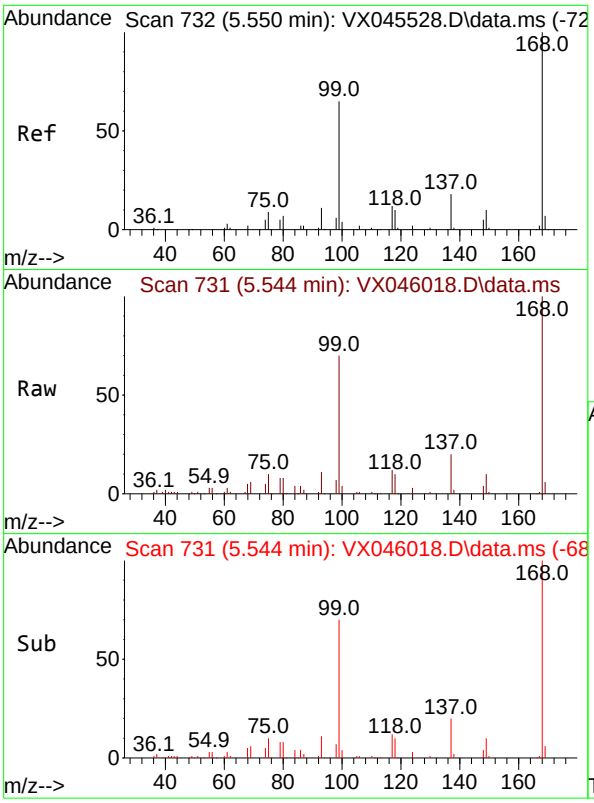
Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050225\
Data File : VX046018.D
Acq On : 02 May 2025 11:31
Operator : JC/MD
Sample : Q1913-04RE
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
WC-13-A-202504RE

Quant Time: May 02 13:03:25 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 03:11:43 2025
Response via : Initial Calibration



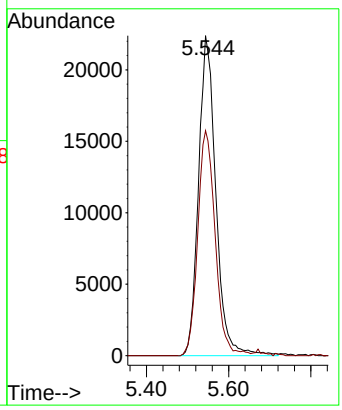


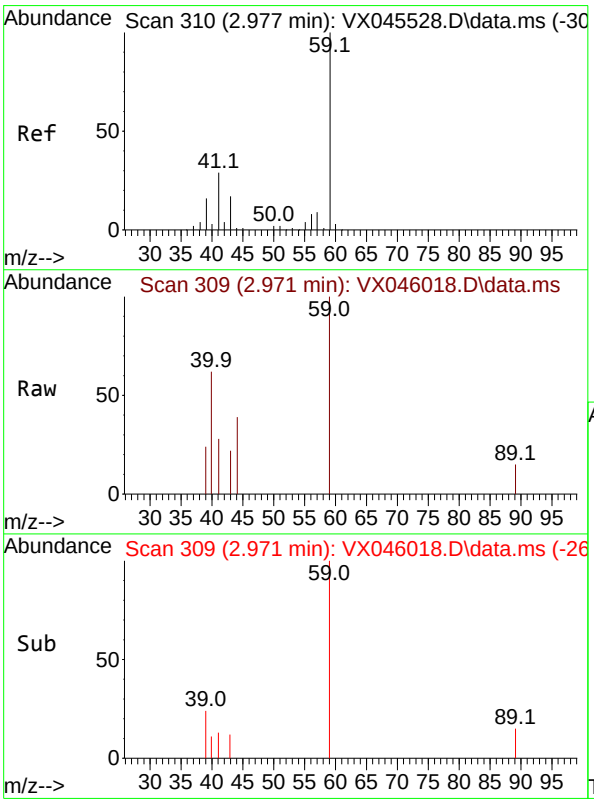
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX046018.D
Acq: 02 May 2025 11:31

Instrument :
MSVOA_X
ClientSampleId :
WC-13-A-202504RE

Tgt Ion:168 Resp: 65405

Ion	Ratio	Lower	Upper
168	100		
99	70.3	52.3	78.5

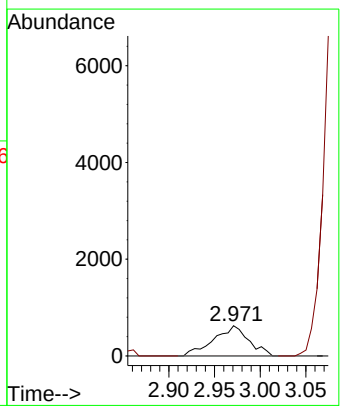


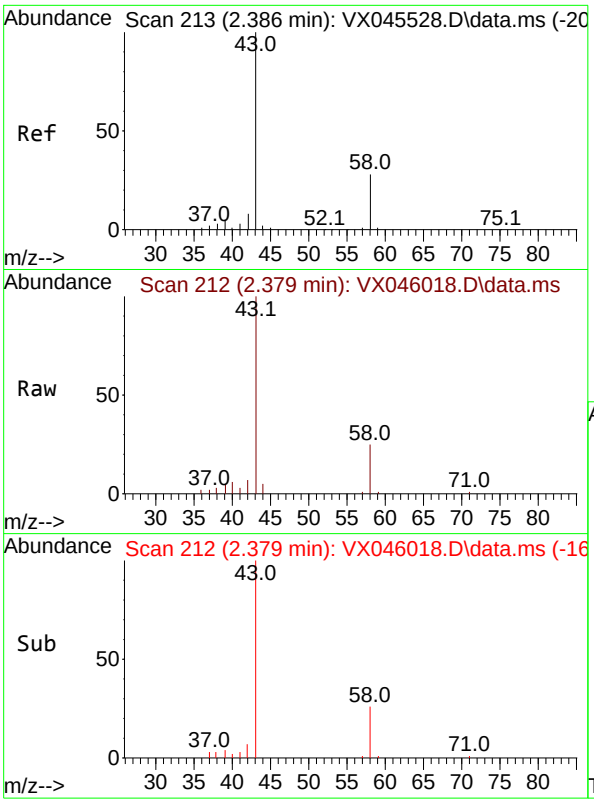


#11
Tert butyl alcohol
Concen: 10.352 ug/l
RT: 2.971 min Scan# 309
Delta R.T. -0.006 min
Lab File: VX046018.D
Acq: 02 May 2025 11:31

Tgt Ion: 59 Resp: 1664

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.6	12.8#



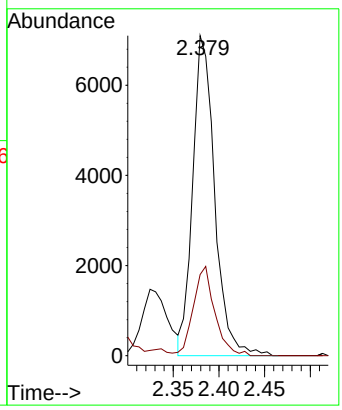


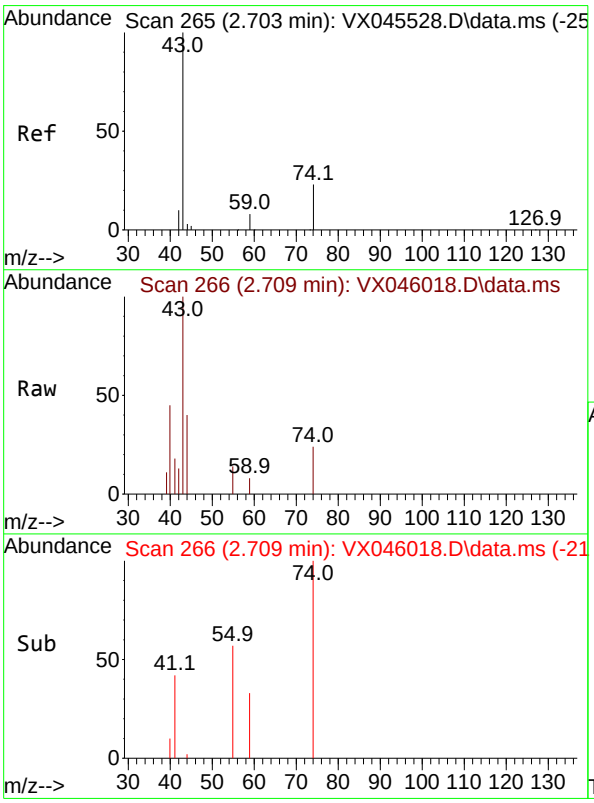
#16
Acetone
Concen: 24.166 ug/l
RT: 2.379 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX046018.D
Acq: 02 May 2025 11:31

Instrument :
MSVOA_X
ClientSampleId :
WC-13-A-202504RE

Tgt Ion: 43 Resp: 11869

Ion	Ratio	Lower	Upper
43	100		
58	25.3	22.3	33.5

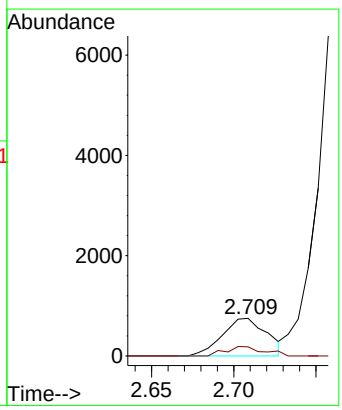


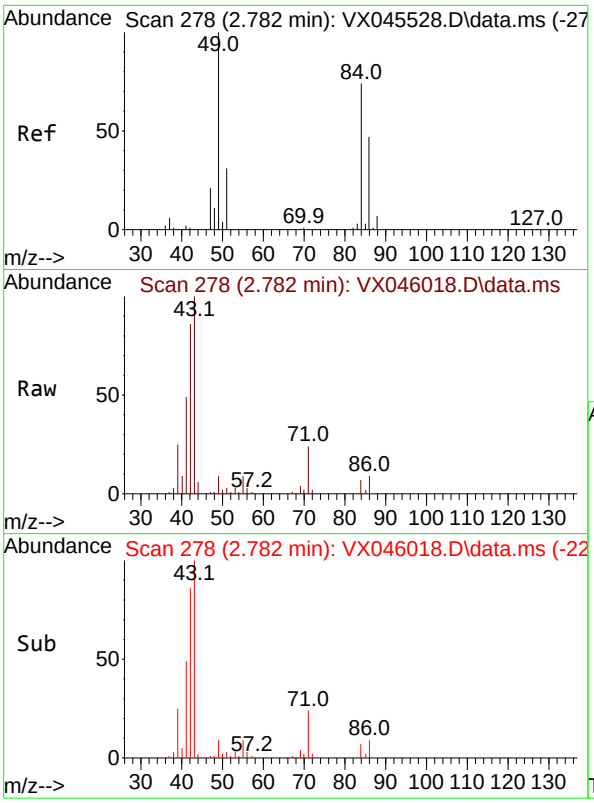


#18
Methyl Acetate
Concen: 1.250 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.006 min
Lab File: VX046018.D
Acq: 02 May 2025 11:31

Tgt Ion: 43 Resp: 1413

Ion	Ratio	Lower	Upper
43	100		
74	21.4	17.5	26.3



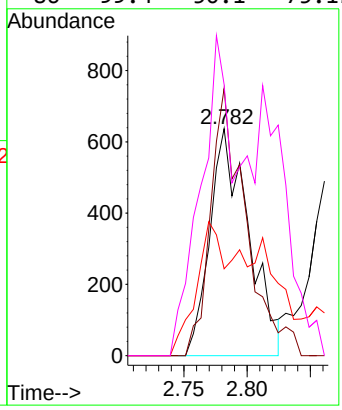


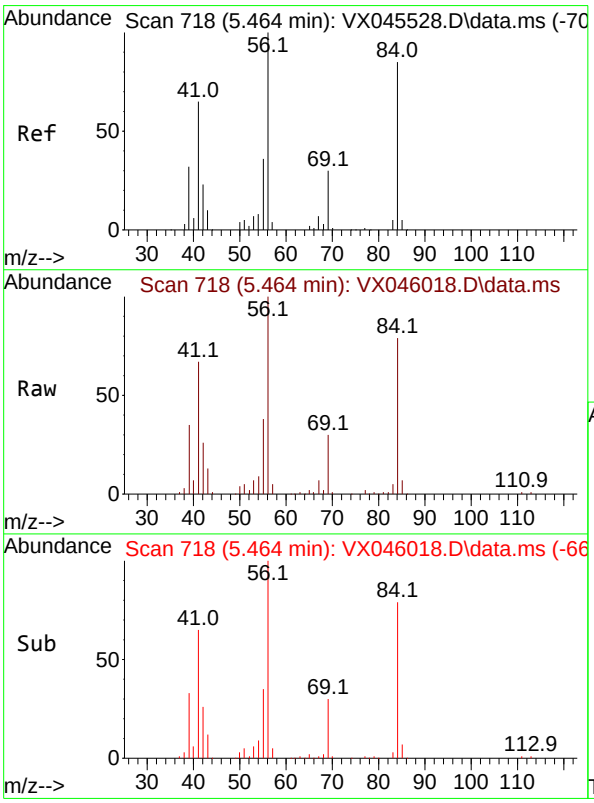
#20
Methylene Chloride
Concen: 1.483 ug/l
RT: 2.782 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX046018.D
Acq: 02 May 2025 11:31

Instrument :
MSVOA_X
ClientSampleId :
WC-13-A-202504RE

Tgt Ion: 84 Resp: 1364

Ion	Ratio	Lower	Upper
84	100		
49	117.7	107.5	161.3
51	29.7	33.0	49.6#
86	99.4	50.1	75.1#

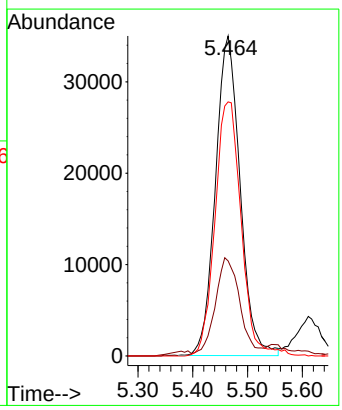


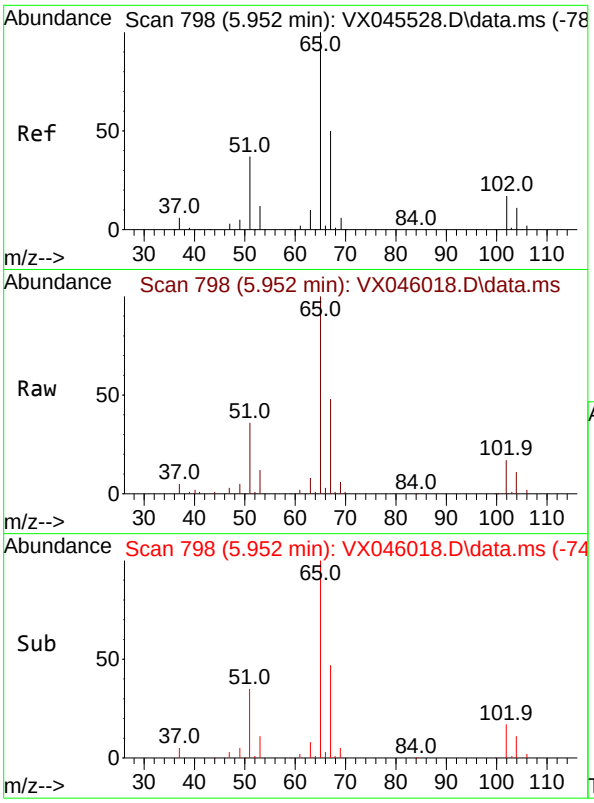


#31
Cyclohexane
Concen: 74.623 ug/l
RT: 5.464 min Scan# 718
Delta R.T. -0.000 min
Lab File: VX046018.D
Acq: 02 May 2025 11:31

Tgt Ion: 56 Resp: 109489

Ion	Ratio	Lower	Upper
56	100		
69	28.5	23.6	35.4
84	79.5	67.7	101.5



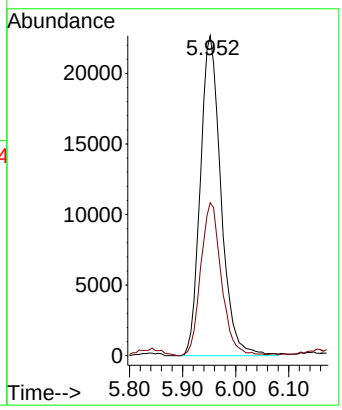


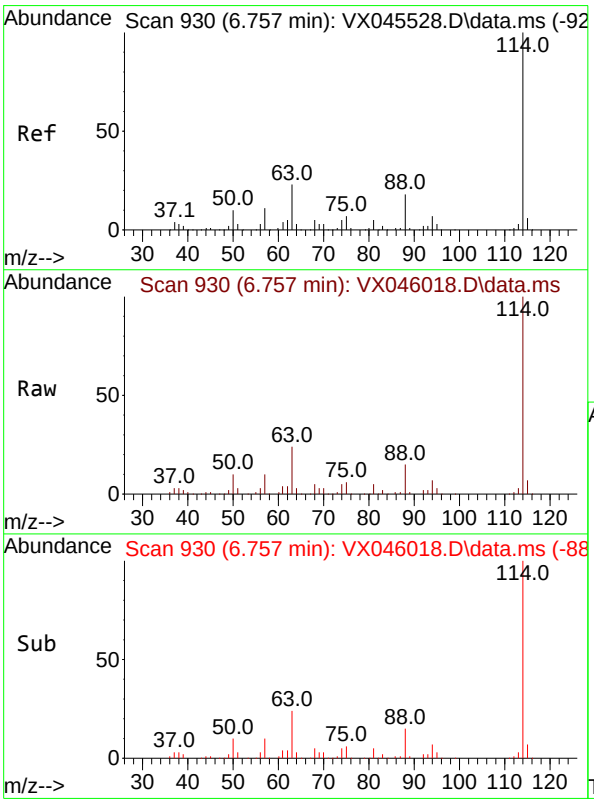
#33
1,2-Dichloroethane-d4
Concen: 51.173 ug/l
RT: 5.952 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX046018.D
Acq: 02 May 2025 11:31

Instrument :
MSVOA_X
ClientSampleId :
WC-13-A-202504RE

Tgt Ion: 65 Resp: 61207

Ion	Ratio	Lower	Upper
65	100		
67	48.0	0.0	99.0

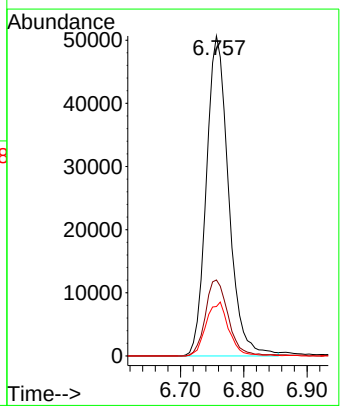


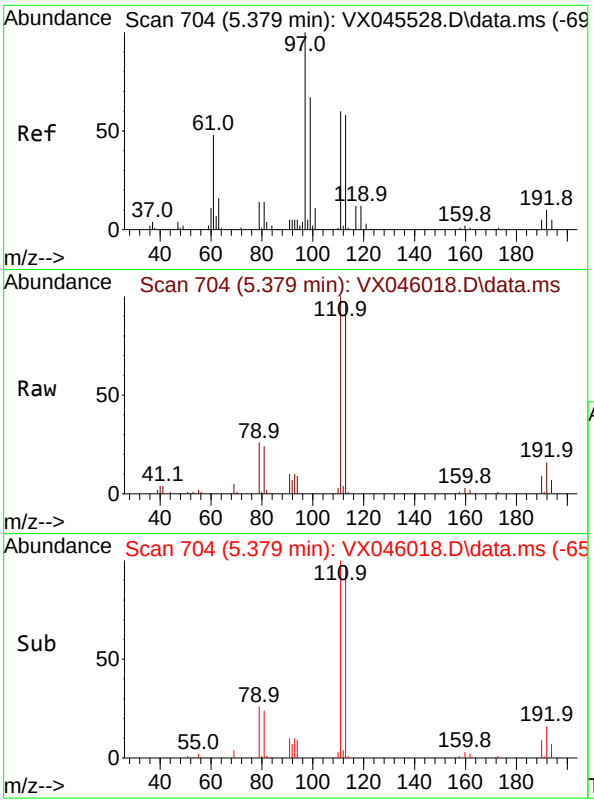


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.000 min
Lab File: VX046018.D
Acq: 02 May 2025 11:31

Tgt Ion:114 Resp: 123884

Ion	Ratio	Lower	Upper
114	100		
63	23.8	0.0	46.8
88	15.5	0.0	35.4



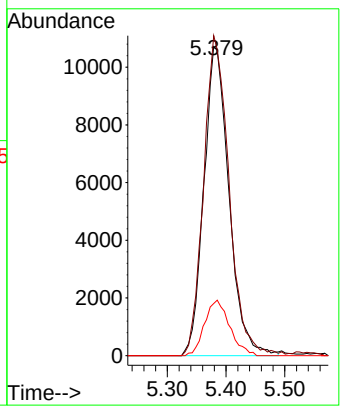


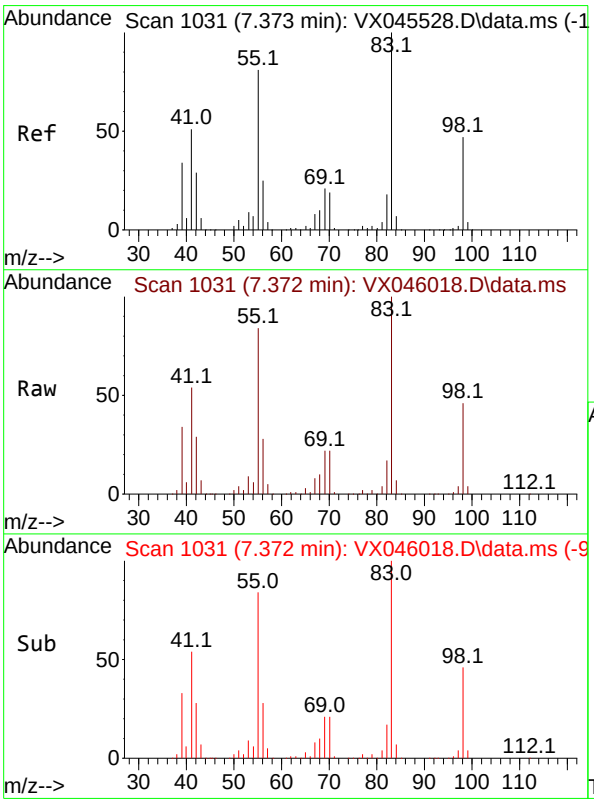
#35
Dibromofluoromethane
Concen: 36.254 ug/l
RT: 5.379 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX046018.D
Acq: 02 May 2025 11:31

Instrument :
MSVOA_X
ClientSampleId :
WC-13-A-202504RE

Tgt Ion:113 Resp: 31866

Ion	Ratio	Lower	Upper
113	100		
111	104.8	81.8	122.6
192	17.9	13.8	20.6

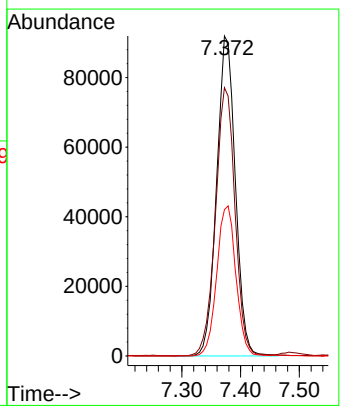


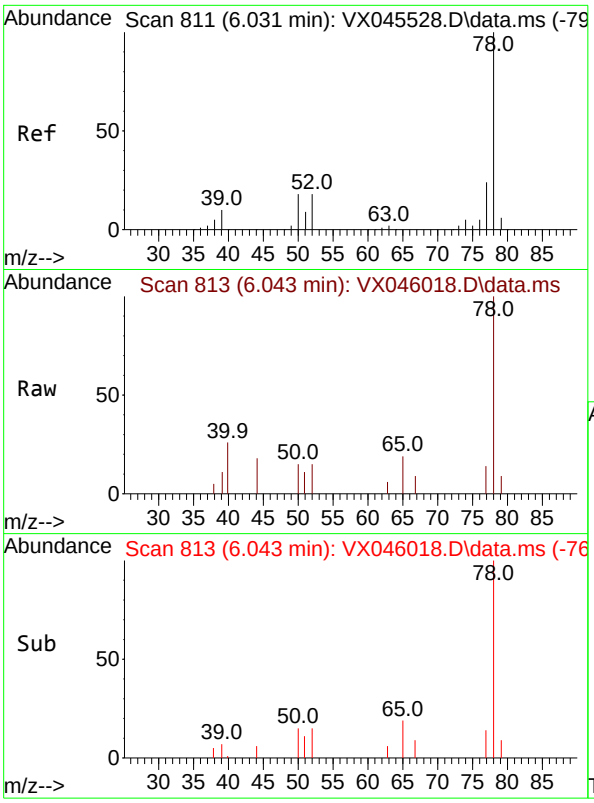


#39
Methylcyclohexane
Concen: 139.975 ug/l
RT: 7.372 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VX046018.D
Acq: 02 May 2025 11:31

Tgt Ion: 83 Resp: 203628

Ion	Ratio	Lower	Upper
83	100		
55	83.8	64.9	97.3
98	45.7	37.4	56.0



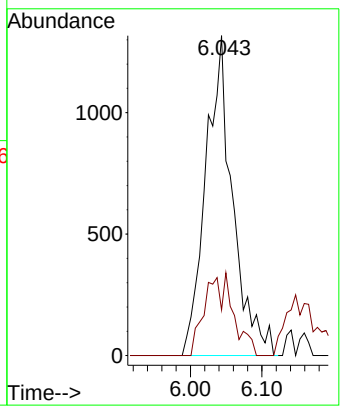


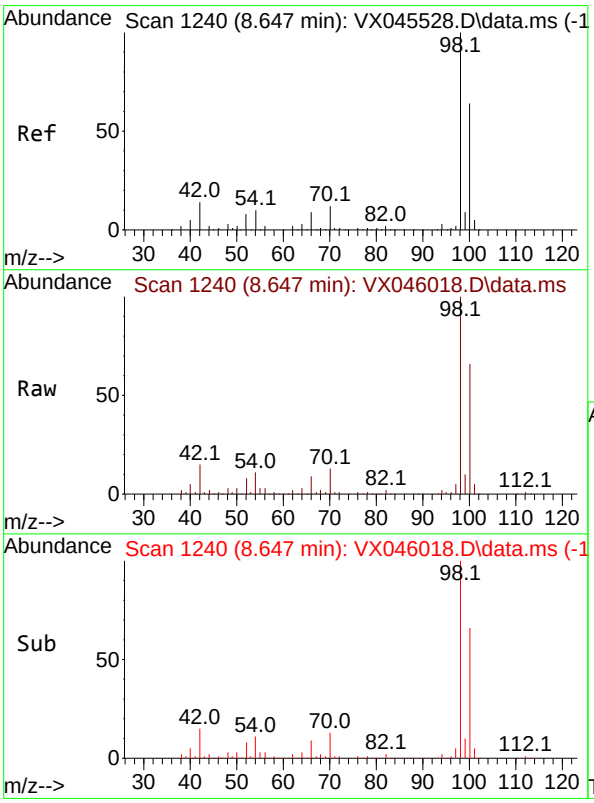
#40
Benzene
Concen: 0.952 ug/l
RT: 6.043 min Scan# 8
Delta R.T. 0.012 min
Lab File: VX046018.D
Acq: 02 May 2025 11:31

Instrument :
MSVOA_X
ClientSampleId :
WC-13-A-202504RE

Tgt Ion: 78 Resp: 3452

Ion	Ratio	Lower	Upper
78	100		
77	14.3	19.0	28.6#

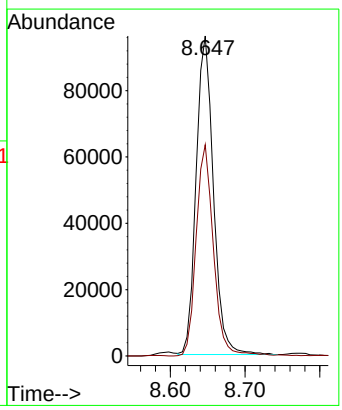


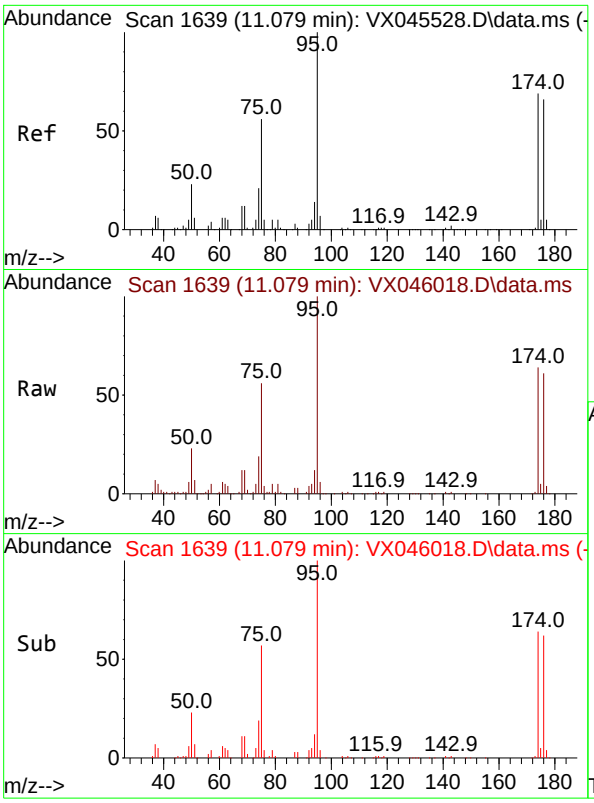


#50
Toluene-d8
Concen: 50.139 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX046018.D
Acq: 02 May 2025 11:31

Tgt Ion: 98 Resp: 153823

Ion	Ratio	Lower	Upper
98	100		
100	66.8	52.2	78.4



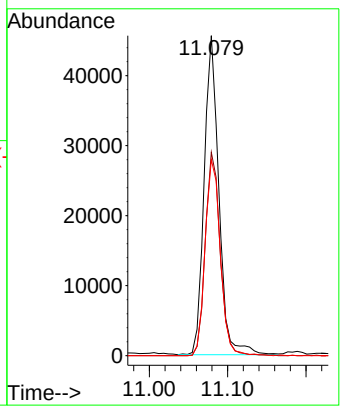


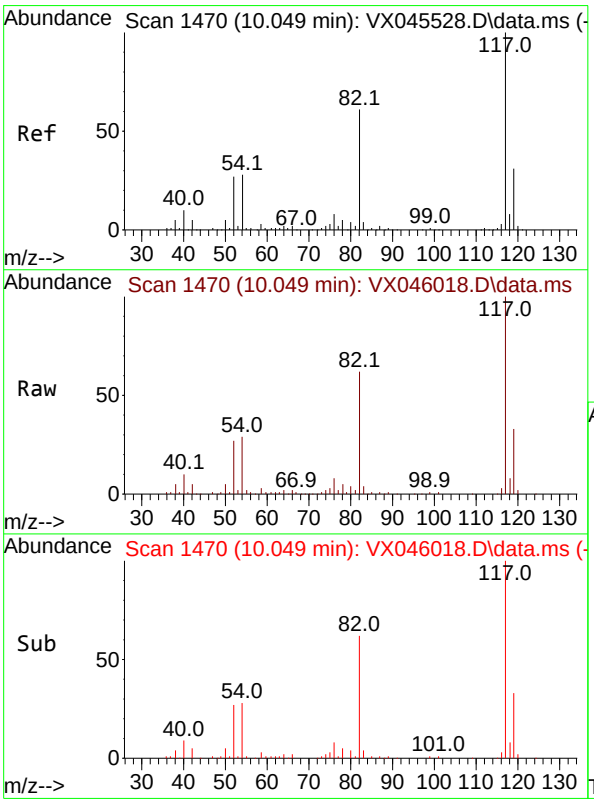
#62
4-Bromofluorobenzene
Concen: 53.159 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046018.D
Acq: 02 May 2025 11:31

Instrument :
MSVOA_X
ClientSampleId :
WC-13-A-202504RE

Tgt Ion: 95 Resp: 59404

Ion	Ratio	Lower	Upper
95	100		
174	64.3	0.0	135.8
176	63.5	0.0	131.4

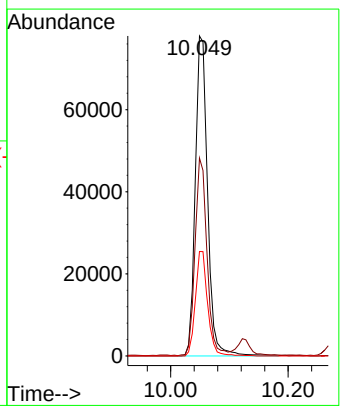


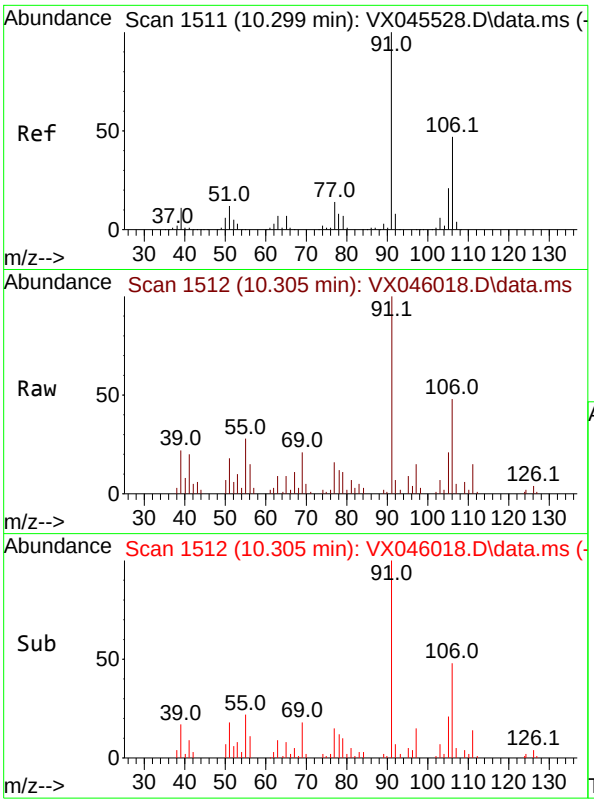


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX046018.D
Acq: 02 May 2025 11:31

Tgt Ion:117 Resp: 113310

Ion	Ratio	Lower	Upper
117	100		
82	61.7	49.2	73.8
119	32.7	25.1	37.7



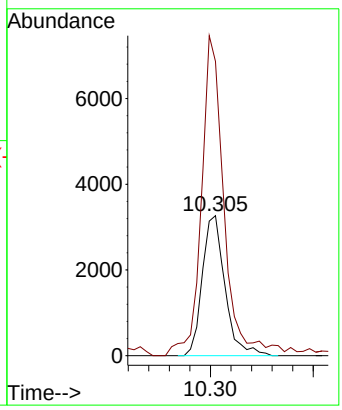


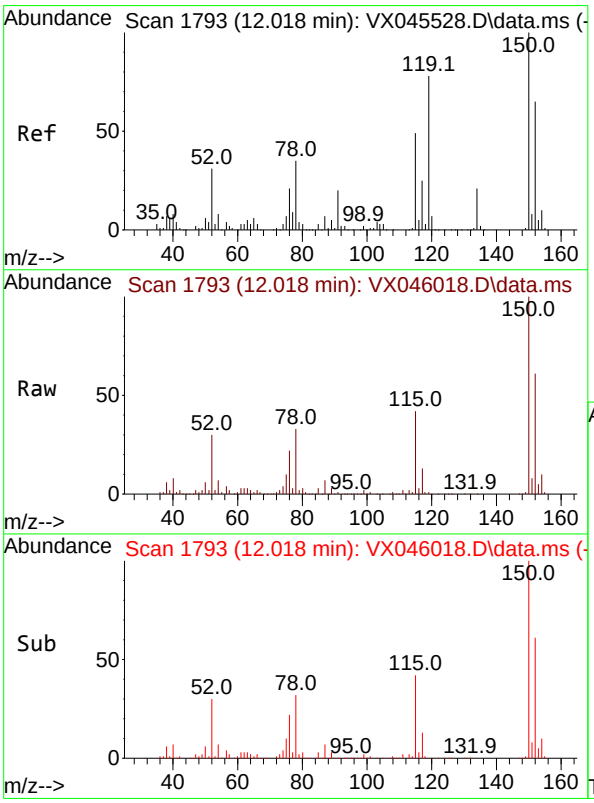
#68
m/p-Xylenes
Concen: 3.174 ug/l
RT: 10.305 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX046018.D
Acq: 02 May 2025 11:31

Instrument :
MSVOA_X
ClientSampleId :
WC-13-A-202504RE

Tgt Ion:106 Resp: 5006

Ion	Ratio	Lower	Upper
106	100		
91	230.1	172.6	258.8

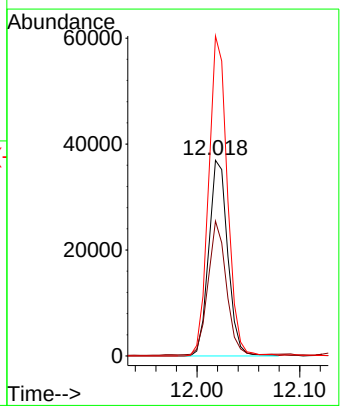


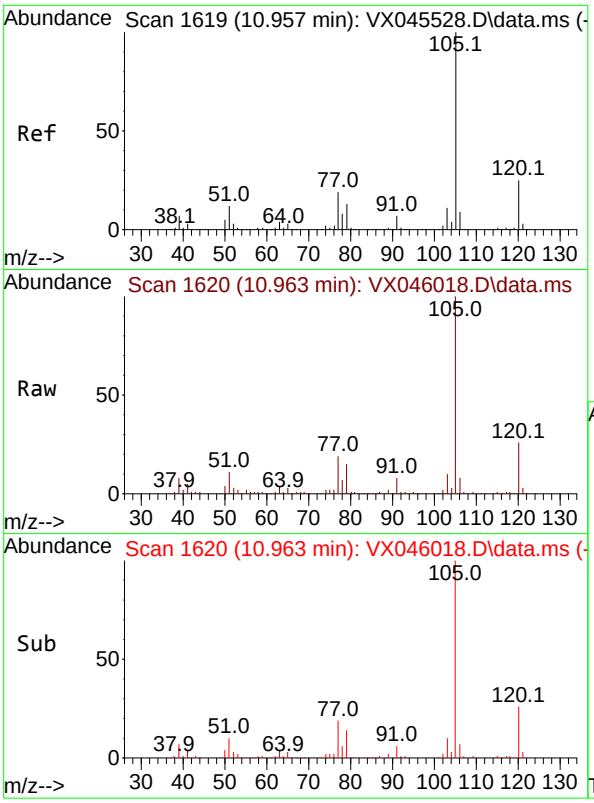


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX046018.D
Acq: 02 May 2025 11:31

Tgt Ion:152 Resp: 47494

Ion	Ratio	Lower	Upper
152	100		
115	65.2	46.9	140.7
150	160.9	0.0	349.4



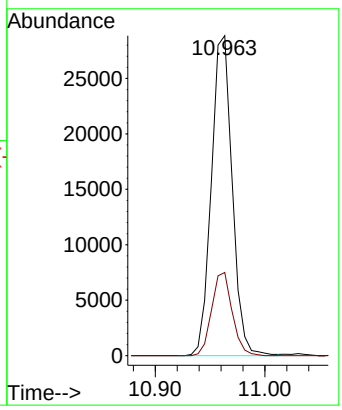


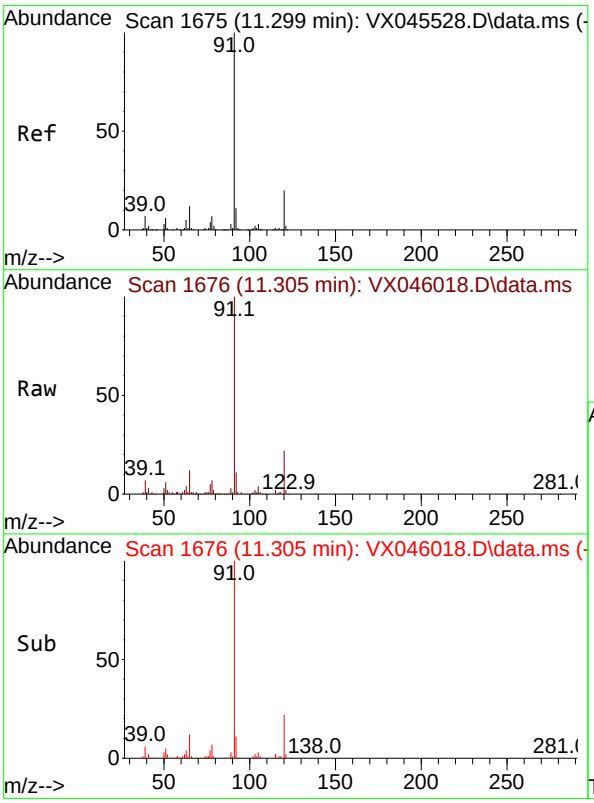
#73
Isopropylbenzene
Concen: 10.041 ug/l
RT: 10.963 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX046018.D
Acq: 02 May 2025 11:31

Instrument :
MSVOA_X
ClientSampleId :
WC-13-A-202504RE

Tgt Ion:105 Resp: 38200

Ion	Ratio	Lower	Upper
105	100		
120	25.6	12.7	38.0

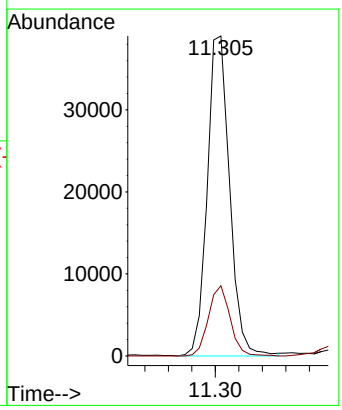


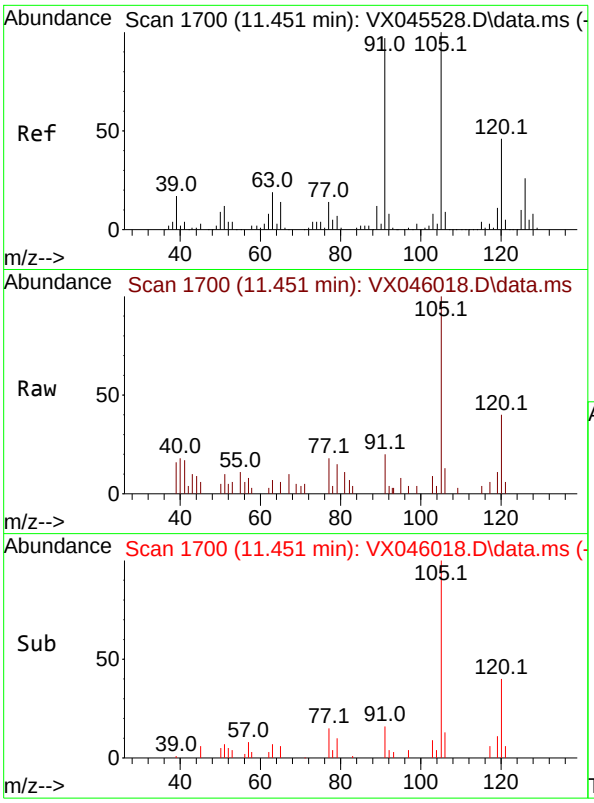


#78
n-propylbenzene
Concen: 11.801 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.006 min
Lab File: VX046018.D
Acq: 02 May 2025 11:31

Tgt Ion: 91 Resp: 51711

Ion	Ratio	Lower	Upper
91	100		
120	21.2	10.8	32.3





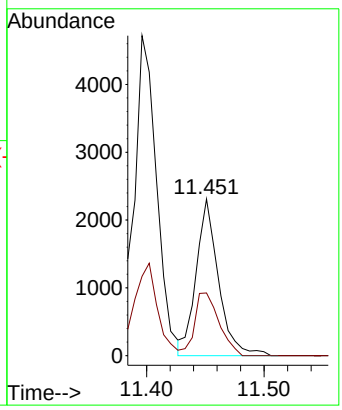
#80
1,3,5-Trimethylbenzene
Concen: 0.972 ug/l
RT: 11.451 min Scan# 1

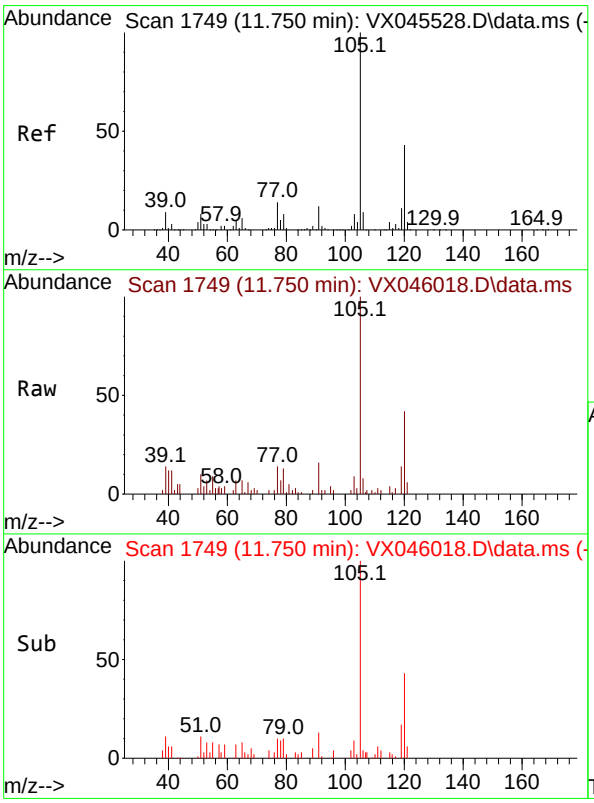
Instrument :
MSVOA_X
ClientSampleId :
WC-13-A-202504RE

Delta R.T. -0.000 min
Lab File: VX046018.D
Acq: 02 May 2025 11:31

Tgt Ion:105 Resp: 3059

Ion	Ratio	Lower	Upper
105	100		
120	43.9	23.0	69.0

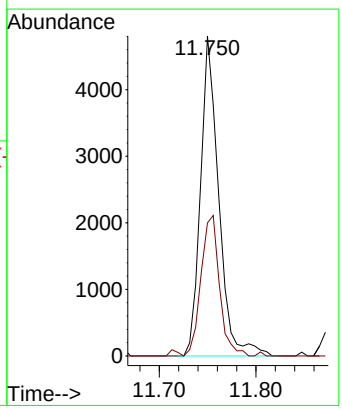


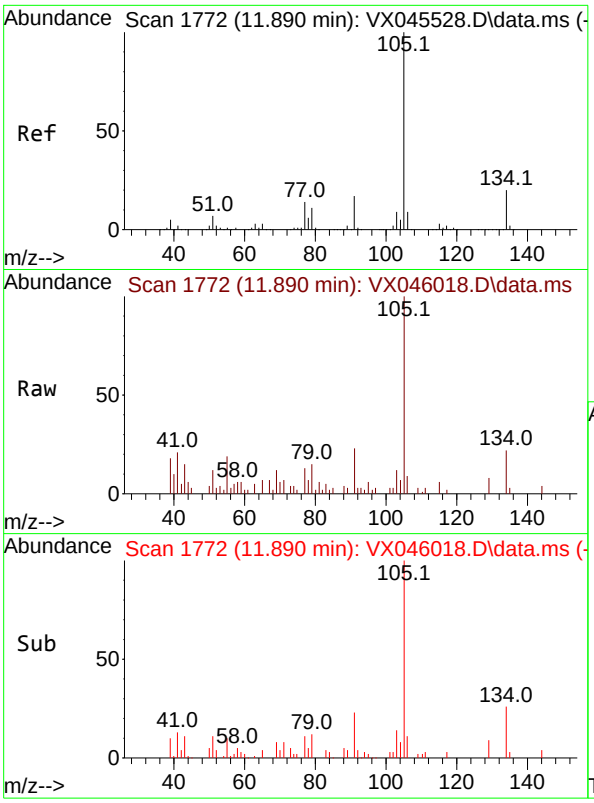


#84
1,2,4-Trimethylbenzene
Concen: 1.993 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX046018.D
Acq: 02 May 2025 11:31

Tgt Ion:105 Resp: 6292

Ion	Ratio	Lower	Upper
105	100		
120	44.7	21.4	64.3



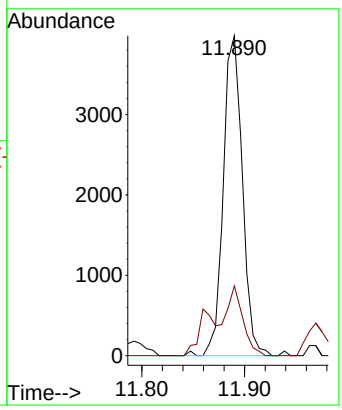


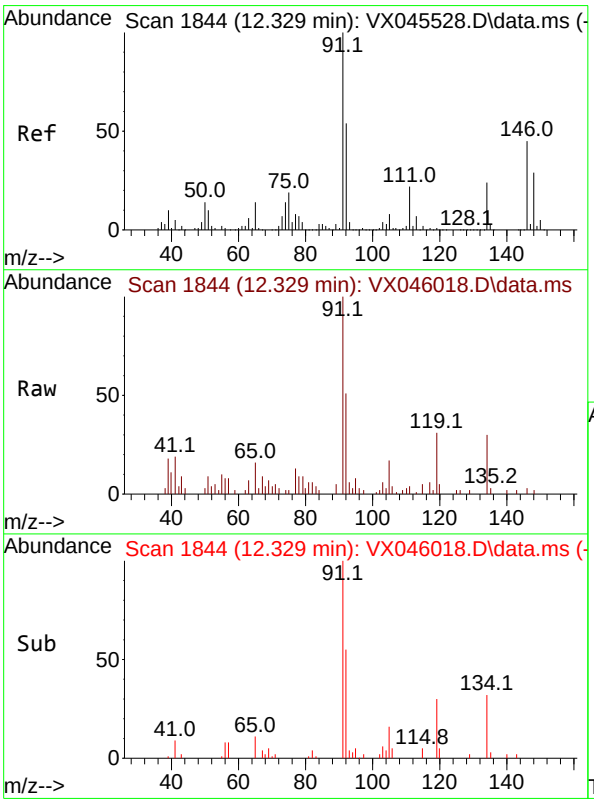
#85
sec-Butylbenzene
Concen: 1.338 ug/l
RT: 11.890 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046018.D
Acq: 02 May 2025 11:31

Instrument :
MSVOA_X
ClientSampleId :
WC-13-A-202504RE

Tgt Ion:105 Resp: 5120

Ion	Ratio	Lower	Upper
105	100		
134	20.3	9.6	28.6

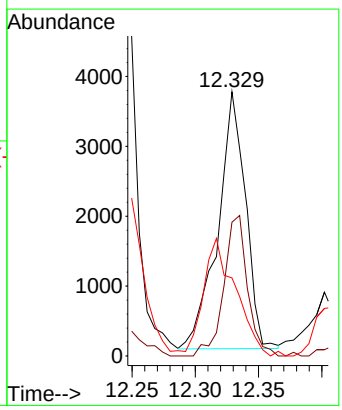


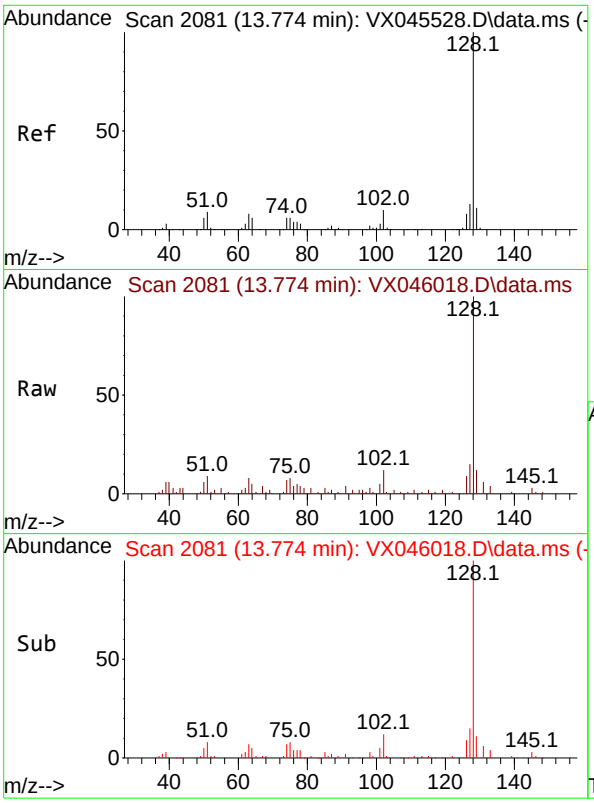


#89
n-Butylbenzene
Concen: 2.051 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.000 min
Lab File: VX046018.D
Acq: 02 May 2025 11:31

Tgt Ion: 91 Resp: 5609

Ion	Ratio	Lower	Upper
91	100		
92	46.7	26.9	80.6
134	53.1	11.9	35.7#





#95
Naphthalene
Concen: 3.271 ug/l
RT: 13.774 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX046018.D
Acq: 02 May 2025 11:31

Instrument :
MSVOA_X
ClientSampleId :
WC-13-A-202504RE

Tgt Ion:128 Resp: 10778

Ion	Ratio	Lower	Upper
128	100		
127	18.9	10.3	15.5#
129	22.4	8.6	12.8#