Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071525\
Data File : VX047010.D
Acq On : 15 Jul 2025 18:10
Operator : JC/MD
Sample : Q2503-04ME
Misc : 4.49g/5mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GCAP3ME

Quant Time: Jul 16 02:32:35 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:51:11 2025
Response via : Initial Calibration

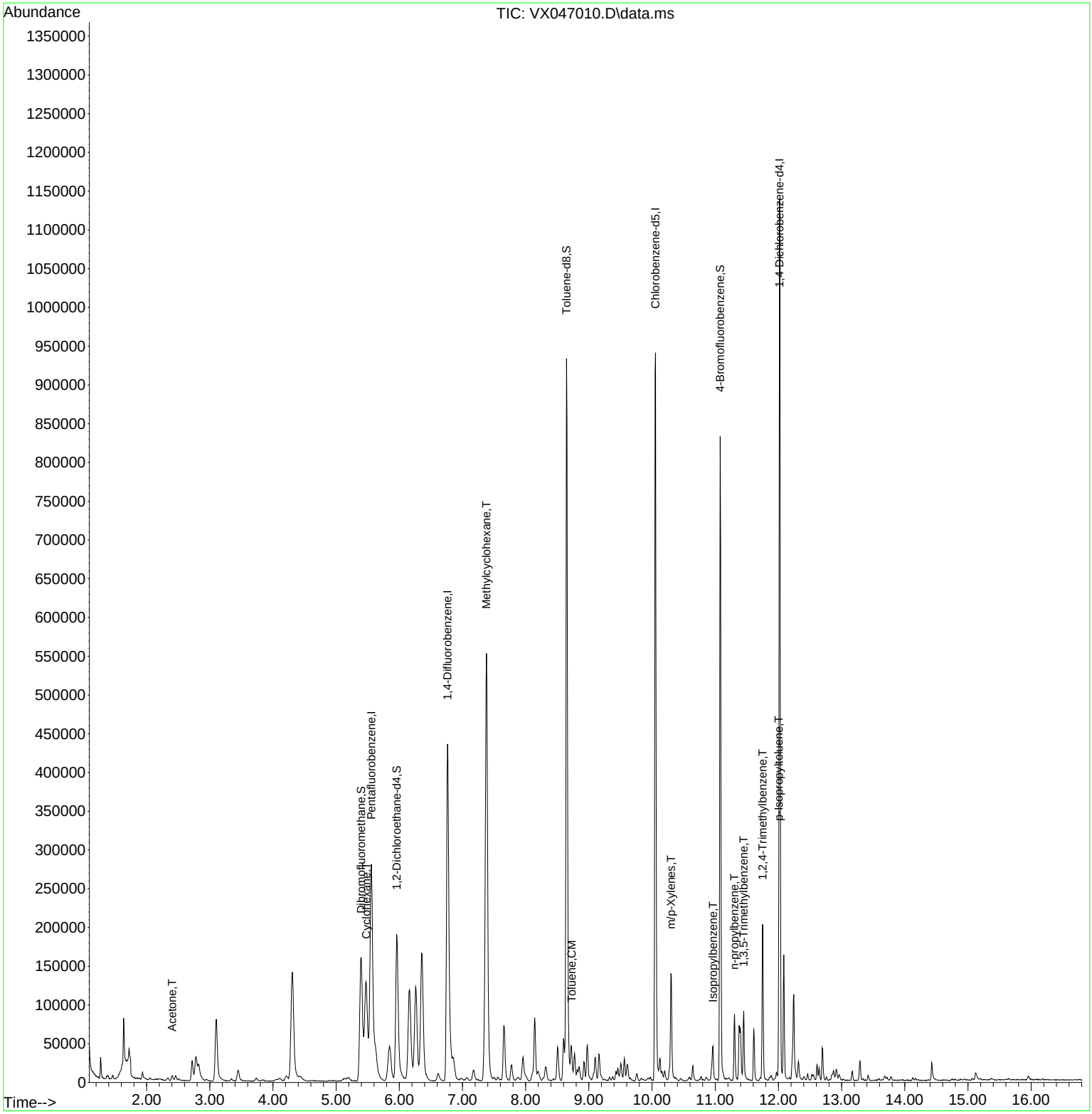
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.556	168	288950	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	484552	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	438449	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	225226	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	199872	52.359	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 104.720%			
35) Dibromofluoromethane	5.397	113	158367	48.148	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 96.300%			
50) Toluene-d8	8.647	98	562676	48.486	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 96.980%			
62) 4-Bromofluorobenzene	11.079	95	227361	51.550	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 103.100%			
Target Compounds						Qvalue
16) Acetone	2.404	43	7963	6.716	ug/l	95
31) Cyclohexane	5.477	56	98569	18.064	ug/l	97
39) Methylcyclohexane	7.379	83	259722	46.786	ug/l	96
52) Toluene	8.726	92	18453	2.219	ug/l	95
68) m/p-Xylenes	10.299	106	33632	5.498	ug/l	99
73) Isopropylbenzene	10.964	105	22159	1.400	ug/l	98
78) n-propylbenzene	11.305	91	50928	2.668	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	39602	3.078	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	86207	6.630	ug/l	97
86) p-Isopropyltoluene	12.006	119	17728	1.264	ug/l	98

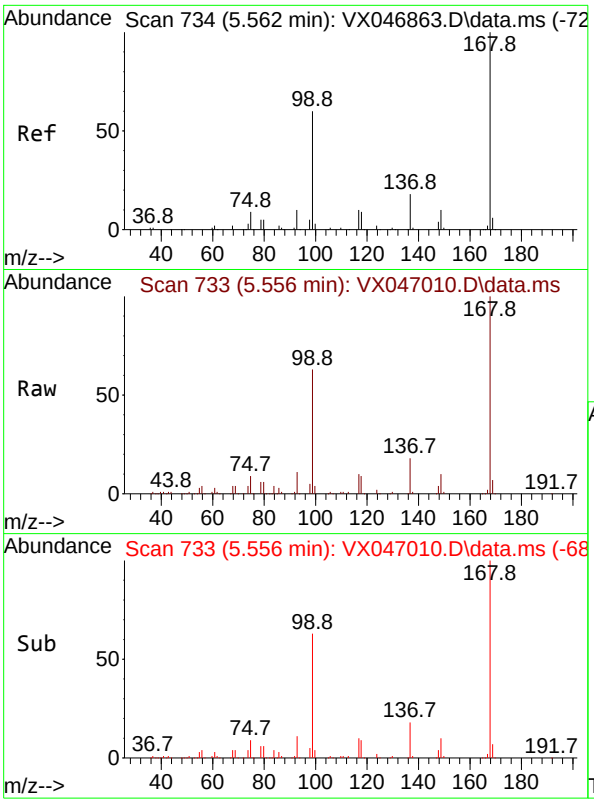
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071525\
Data File : VX047010.D
Acq On : 15 Jul 2025 18:10
Operator : JC/MD
Sample : Q2503-04ME
Misc : 4.49g/5mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GCAP3ME

Quant Time: Jul 16 02:32:35 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:51:11 2025
Response via : Initial Calibration



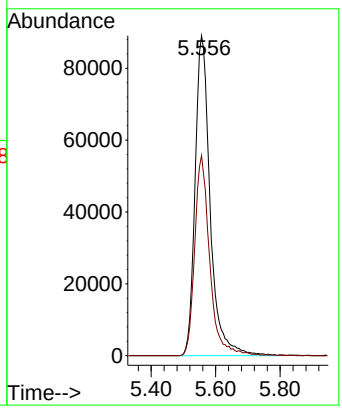


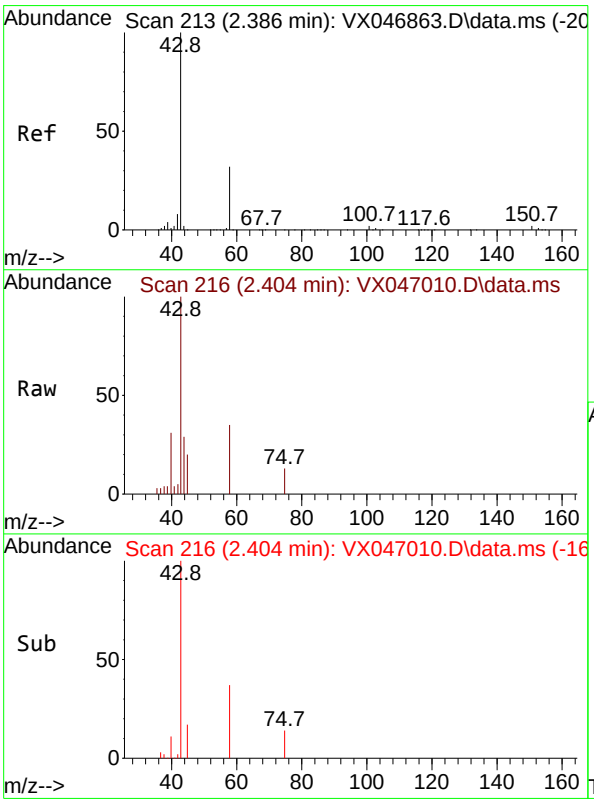
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX047010.D
Acq: 15 Jul 2025 18:10

Instrument :
MSVOA_X
ClientSampleId :
GCAP3ME

Tgt Ion:168 Resp: 288950

Ion	Ratio	Lower	Upper
168	100		
99	62.6	48.8	73.2

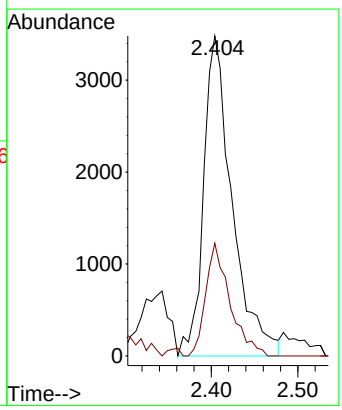


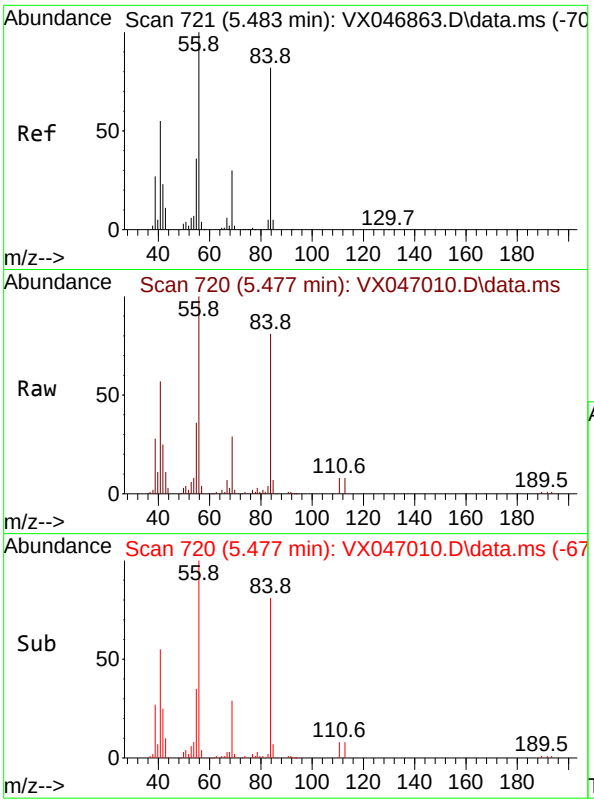


#16
Acetone
Concen: 6.716 ug/l
RT: 2.404 min Scan# 216
Delta R.T. 0.018 min
Lab File: VX047010.D
Acq: 15 Jul 2025 18:10

Tgt Ion: 43 Resp: 7963

Ion	Ratio	Lower	Upper
43	100		
58	35.2	25.8	38.6



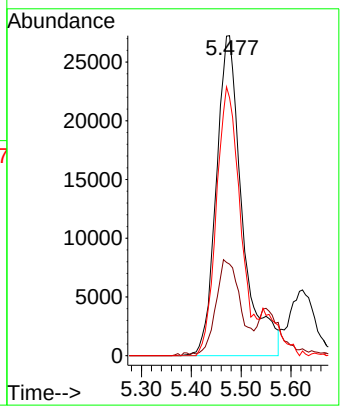


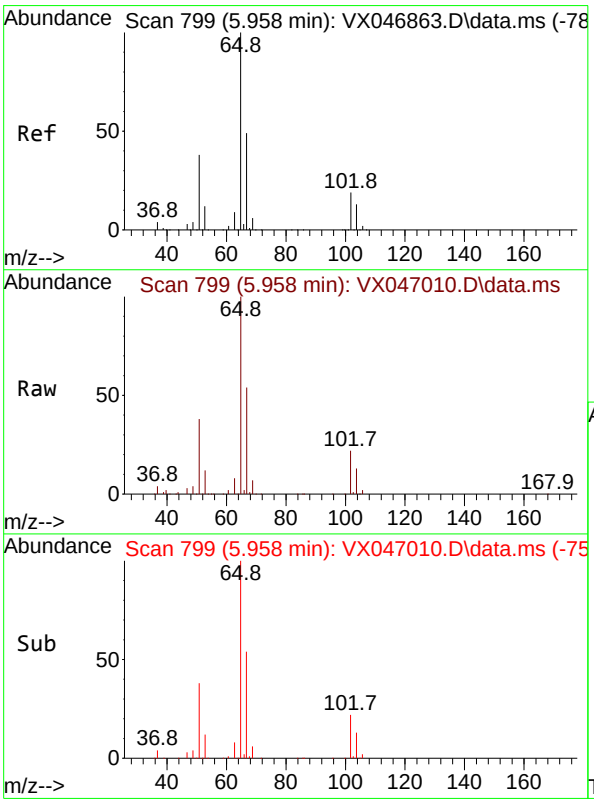
#31
Cyclohexane
Concen: 18.064 ug/l
RT: 5.477 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX047010.D
Acq: 15 Jul 2025 18:10

Instrument :
MSVOA_X
ClientSampleId :
GCAP3ME

Tgt Ion: 56 Resp: 98569

Ion	Ratio	Lower	Upper
56	100		
69	28.0	24.0	36.0
84	80.8	66.5	99.7

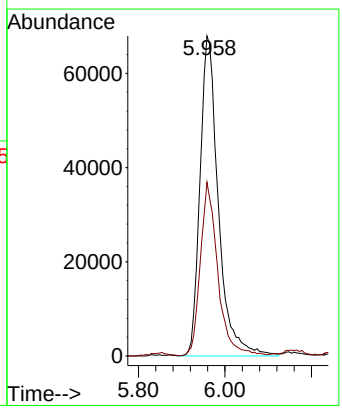


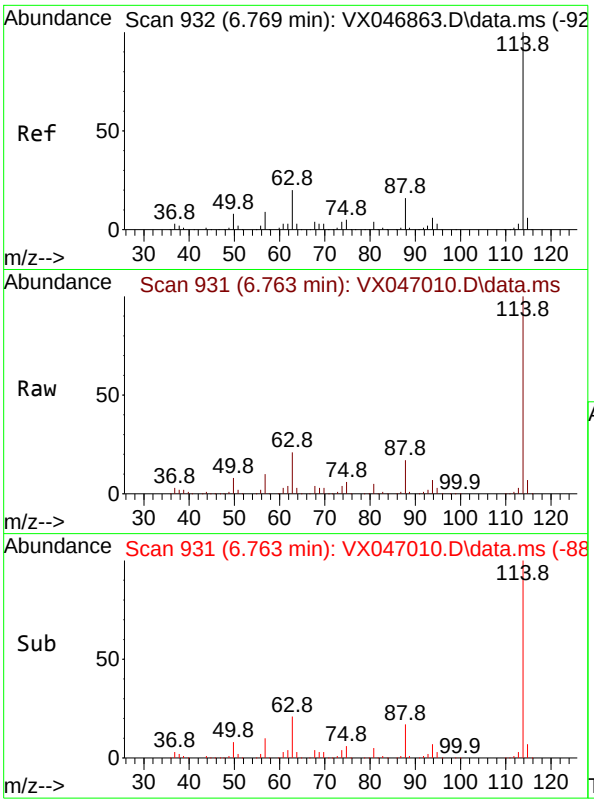


#33
1,2-Dichloroethane-d4
Concen: 52.359 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX047010.D
Acq: 15 Jul 2025 18:10

Tgt Ion: 65 Resp: 199872

Ion	Ratio	Lower	Upper
65	100		
67	51.4	0.0	105.2



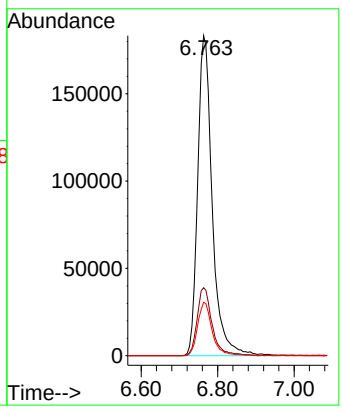


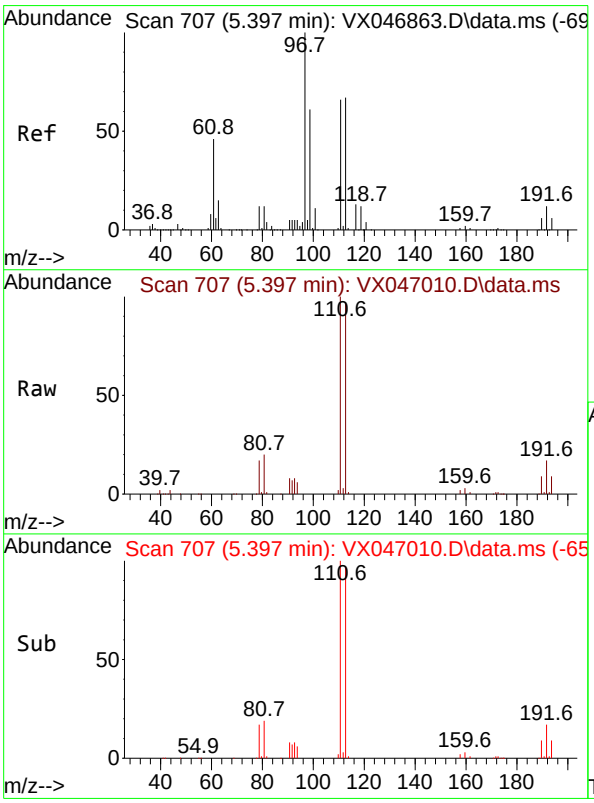
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 9
Delta R.T. -0.006 min
Lab File: VX047010.D
Acq: 15 Jul 2025 18:10

Instrument :
MSVOA_X
ClientSampleId :
GCAP3ME

Tgt Ion:114 Resp: 484552

Ion	Ratio	Lower	Upper
114	100		
63	21.3	0.0	40.4
88	16.7	0.0	31.0

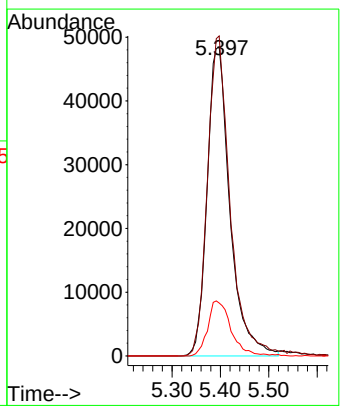


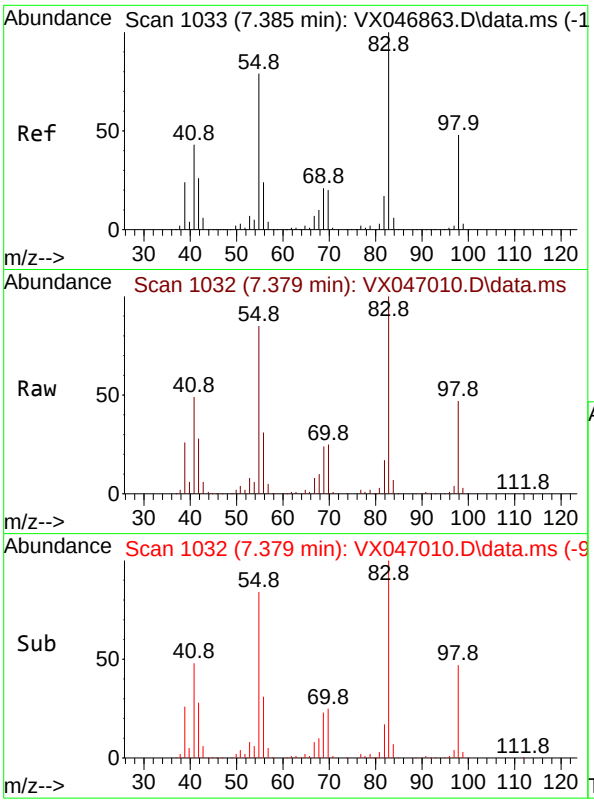


#35
Dibromofluoromethane
Concen: 48.148 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX047010.D
Acq: 15 Jul 2025 18:10

Tgt Ion:113 Resp: 158367

Ion	Ratio	Lower	Upper
113	100		
111	103.2	81.2	121.8
192	18.1	15.3	22.9



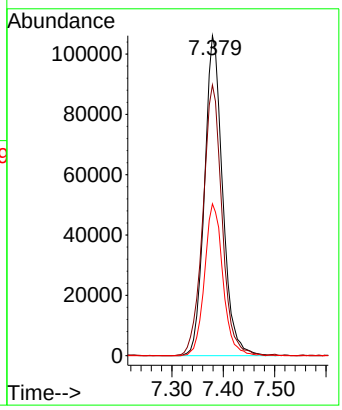


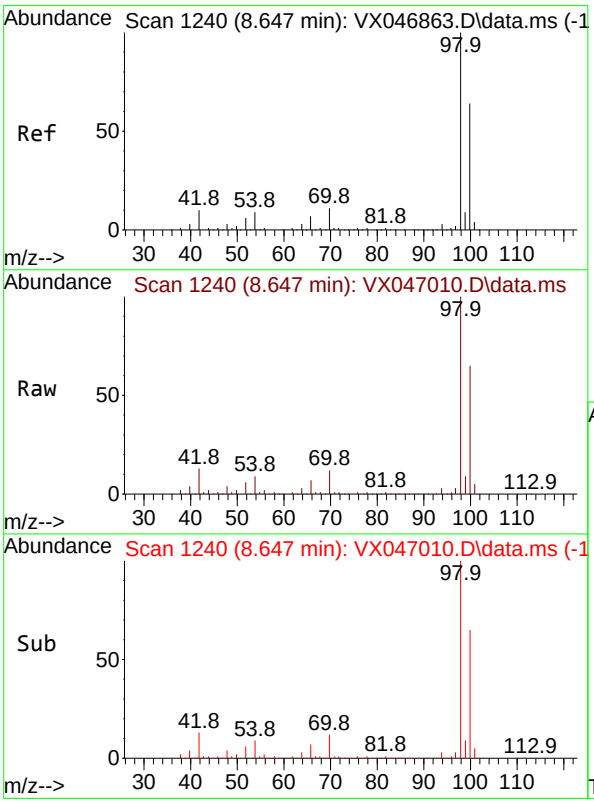
#39
Methylcyclohexane
Concen: 46.786 ug/l
RT: 7.379 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX047010.D
Acq: 15 Jul 2025 18:10

Instrument :
MSVOA_X
ClientSampleId :
GCAP3ME

Tgt Ion: 83 Resp: 259722

Ion	Ratio	Lower	Upper
83	100		
55	84.4	63.0	94.4
98	47.5	38.5	57.7

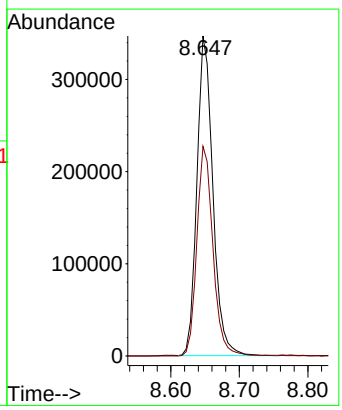


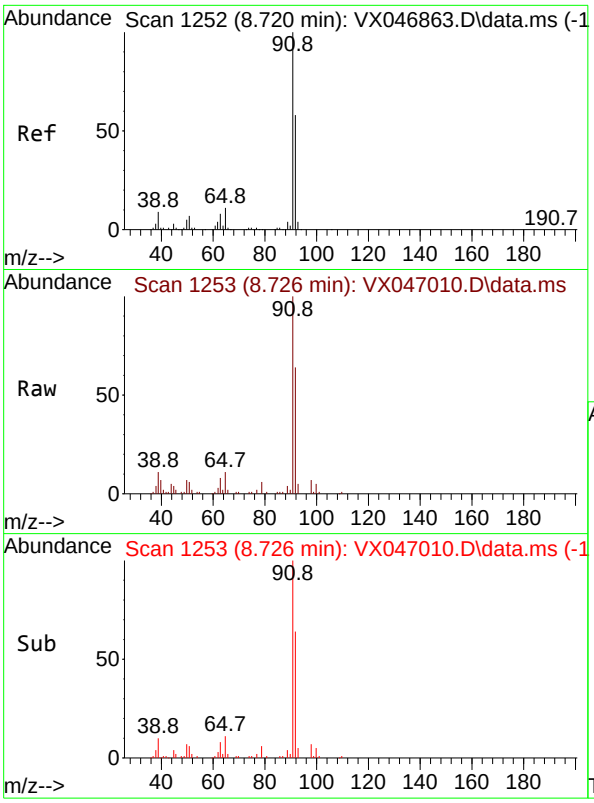


#50
Toluene-d8
Concen: 48.486 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX047010.D
Acq: 15 Jul 2025 18:10

Tgt Ion: 98 Resp: 562676

Ion	Ratio	Lower	Upper
98	100		
100	66.4	53.0	79.6



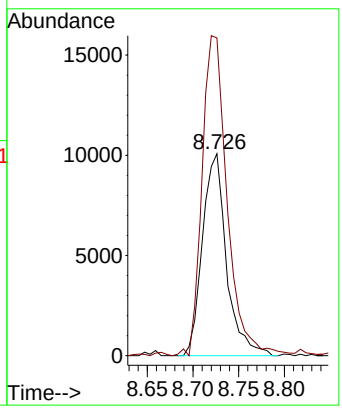


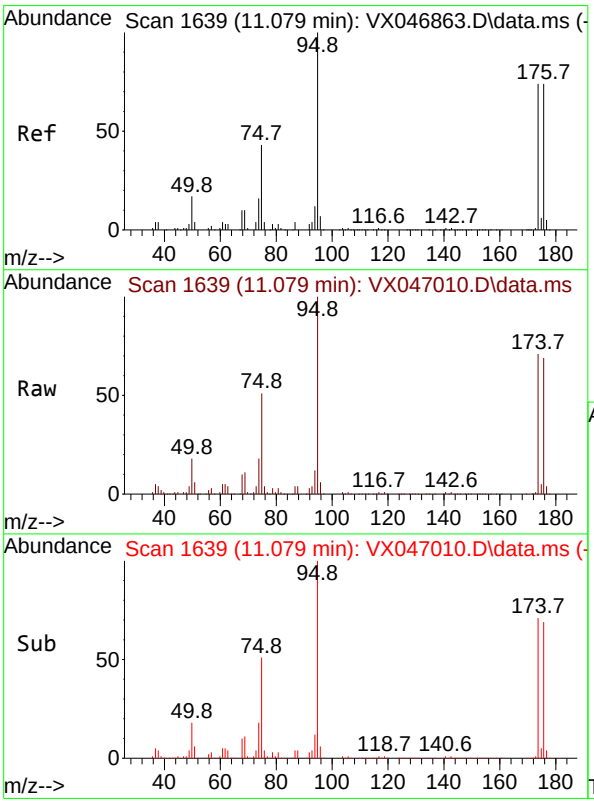
#52
Toluene
Concen: 2.219 ug/l
RT: 8.726 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX047010.D
Acq: 15 Jul 2025 18:10

Instrument :
MSVOA_X
ClientSampleId :
GCAP3ME

Tgt Ion: 92 Resp: 18453

Ion	Ratio	Lower	Upper
92	100		
91	165.4	137.9	206.9

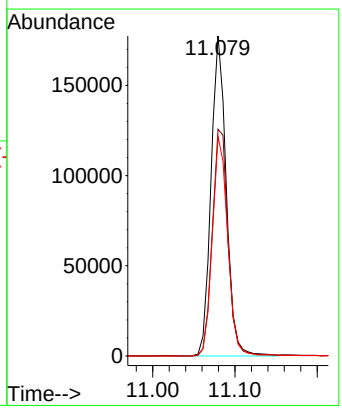


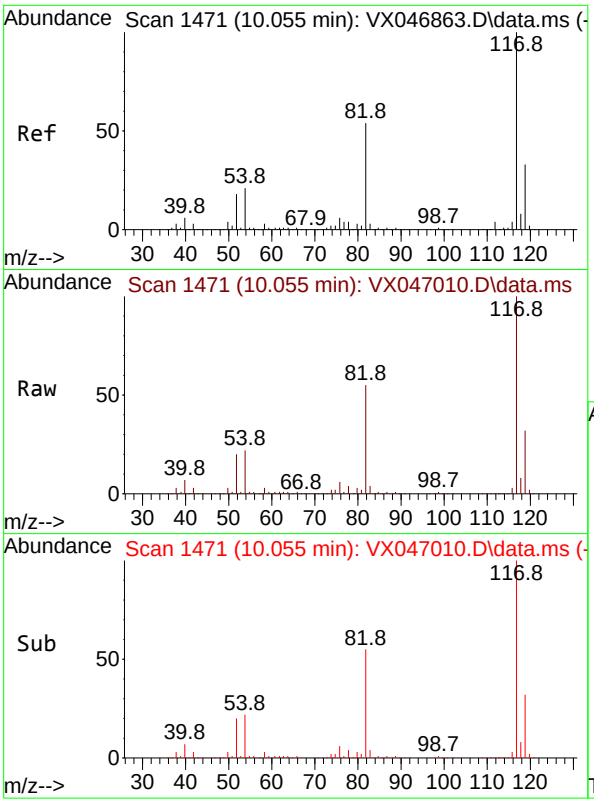


#62
4-Bromofluorobenzene
Concen: 51.550 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX047010.D
Acq: 15 Jul 2025 18:10

Tgt Ion: 95 Resp: 227361

Ion	Ratio	Lower	Upper
95	100		
174	73.9	0.0	152.0
176	69.8	0.0	145.2



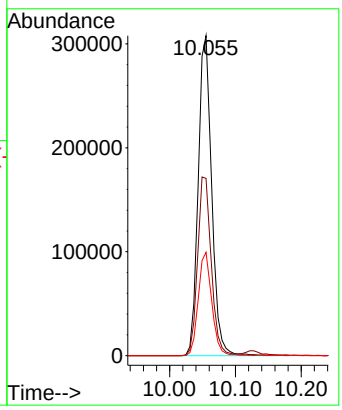


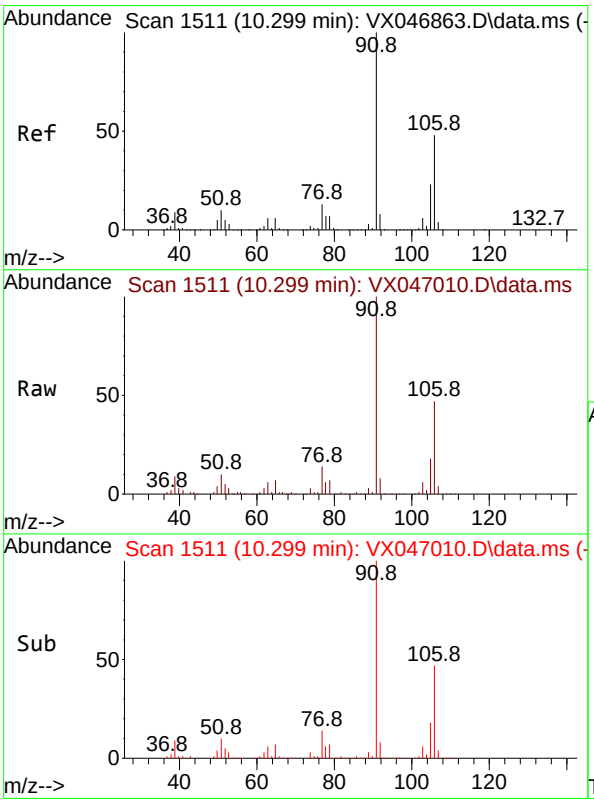
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX047010.D
Acq: 15 Jul 2025 18:10

Instrument :
MSVOA_X
ClientSampleId :
GCAP3ME

Tgt Ion:117 Resp: 438449

Ion	Ratio	Lower	Upper
117	100		
82	55.4	43.3	64.9
119	32.3	26.4	39.6

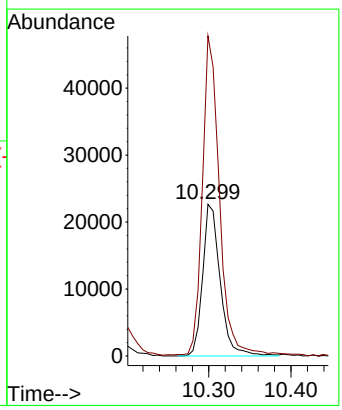


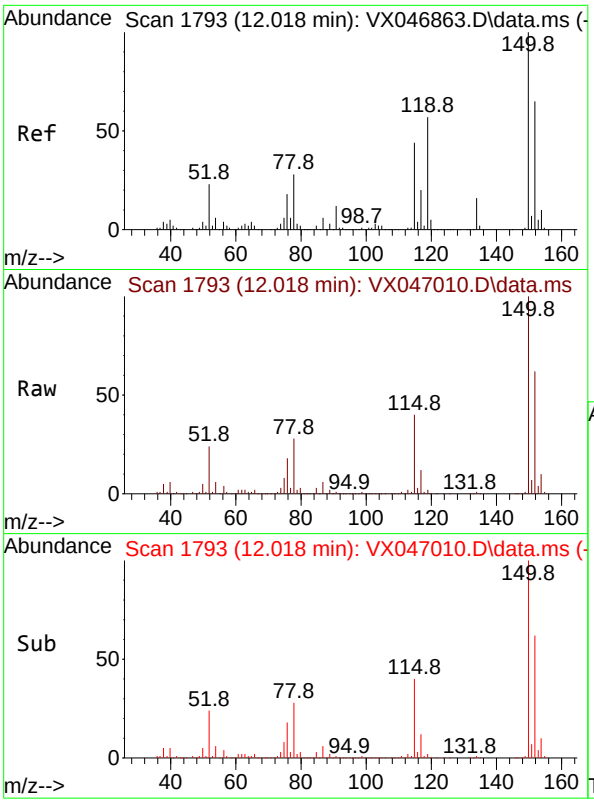


#68
m/p-Xylenes
Concen: 5.498 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX047010.D
Acq: 15 Jul 2025 18:10

Tgt Ion:106 Resp: 33632

Ion	Ratio	Lower	Upper
106	100		
91	207.6	164.6	246.8



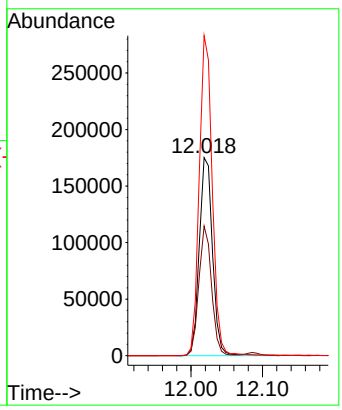


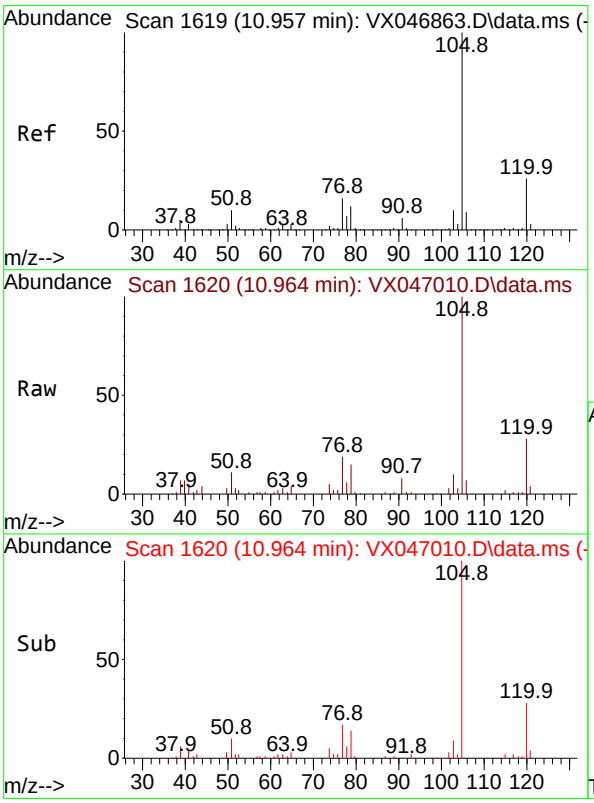
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047010.D
Acq: 15 Jul 2025 18:10

Instrument :
MSVOA_X
ClientSampleId :
GCAP3ME

Tgt Ion:152 Resp: 225226

Ion	Ratio	Lower	Upper
152	100		
115	62.7	42.4	127.1
150	158.5	0.0	349.2

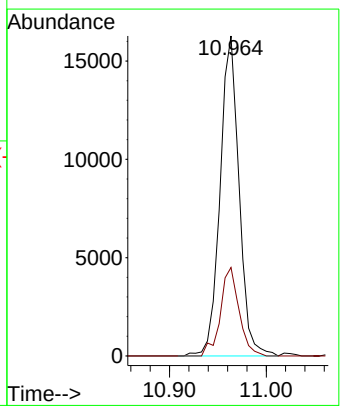


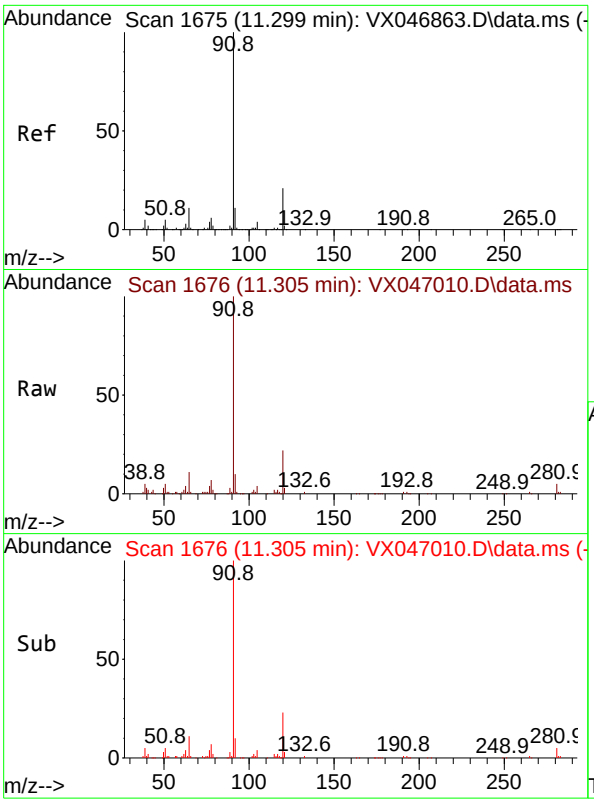


#73
Isopropylbenzene
Concen: 1.400 ug/l
RT: 10.964 min Scan# 1620
Delta R.T. 0.006 min
Lab File: VX047010.D
Acq: 15 Jul 2025 18:10

Tgt Ion:105 Resp: 22159

Ion	Ratio	Lower	Upper
105	100		
120	27.2	13.2	39.5



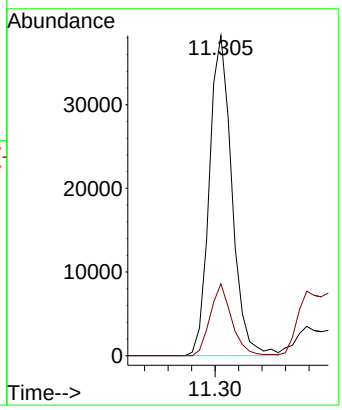


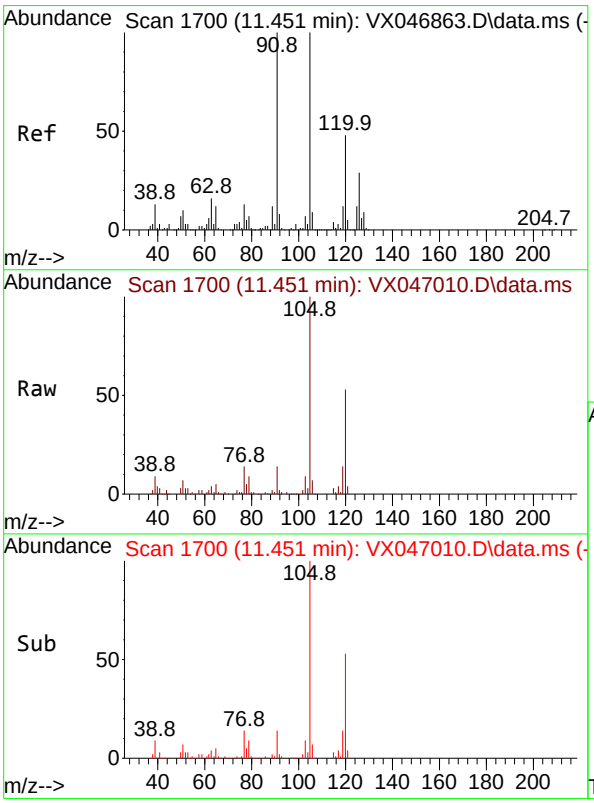
#78
n-propylbenzene
Concen: 2.668 ug/l
RT: 11.305 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX047010.D
Acq: 15 Jul 2025 18:10

Instrument :
MSVOA_X
ClientSampleId :
GCAP3ME

Tgt Ion: 91 Resp: 50928

Ion	Ratio	Lower	Upper
91	100		
120	21.5	11.2	33.5

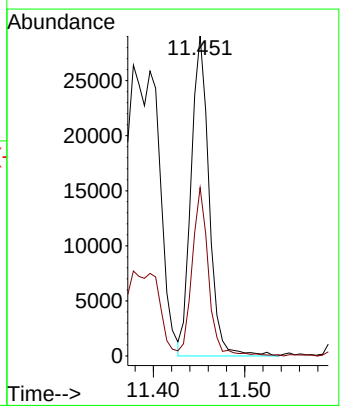


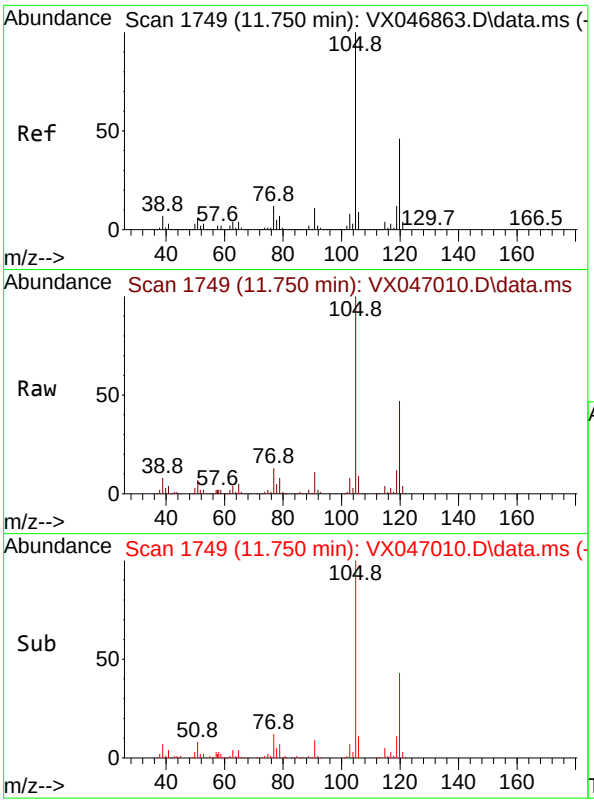


#80
1,3,5-Trimethylbenzene
Concen: 3.078 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX047010.D
Acq: 15 Jul 2025 18:10

Tgt Ion:105 Resp: 39602

Ion	Ratio	Lower	Upper
105	100		
120	48.0	24.1	72.4



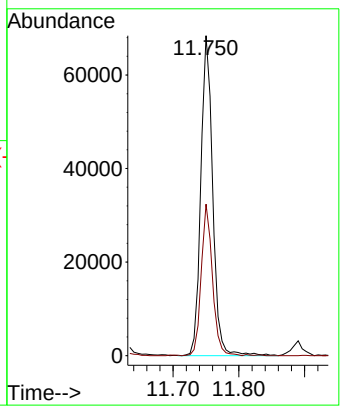


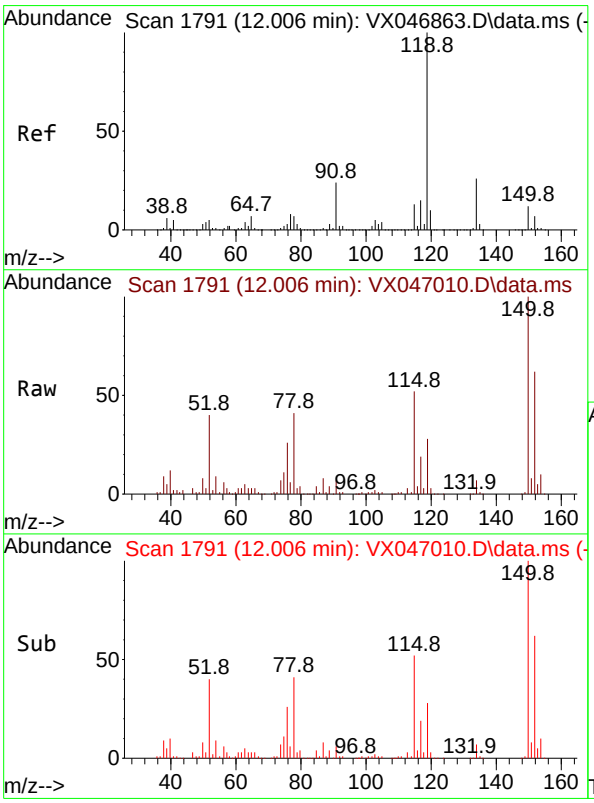
#84
1,2,4-Trimethylbenzene
Concen: 6.630 ug/l
RT: 11.750 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047010.D
Acq: 15 Jul 2025 18:10

Instrument :
MSVOA_X
ClientSampleId :
GCAP3ME

Tgt Ion:105 Resp: 86207

Ion	Ratio	Lower	Upper
105	100		
120	44.6	23.3	69.8





#86
p-Isopropyltoluene
Concen: 1.264 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VX047010.D
Acq: 15 Jul 2025 18:10

Tgt Ion:119 Resp: 17728

Ion	Ratio	Lower	Upper
119	100		
134	25.6	13.0	39.0
91	25.4	12.0	36.1