Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070325\
Data File : VX046879.D
Acq On : 03 Jul 2025 12:07
Operator : JC/MD
Sample : Q2447-07ME
Misc : 3.00g/10.0mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
LAW-25-0100ME

Quant Time: Jul 04 01:30:03 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	396544	50.000	ug/l		0.00
34) 1,4-Difluorobenzene	6.763	114	672060	50.000	ug/l		0.00
63) Chlorobenzene-d5	10.055	117	611341	50.000	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	308520	50.000	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	5.964	65	253531	48.395	ug/l		0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	96.800%			
35) Dibromofluoromethane	5.391	113	209749	45.978	ug/l		0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	91.960%			
50) Toluene-d8	8.647	98	800768	49.751	ug/l		0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	99.500%			
62) 4-Bromofluorobenzene	11.079	95	301787	49.334	ug/l		0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	98.660%			
Target Compounds							Qvalue
5) Bromomethane	1.611	94	4141	1.428	ug/l		90
6) Chloroethane	1.691	64	691	0.232	ug/l	#	67
10) Methyl Iodide	2.465	142	16016	3.307	ug/l		95
13) Acrolein	2.288	56	20	2.887	ug/l	#	1
16) Acetone	2.398	43	7494	4.605	ug/l		96
17) Carbon Disulfide	2.514	76	4167	0.370	ug/l		99
20) Methylene Chloride	2.800	84	2337	0.486	ug/l	#	79
31) Cyclohexane	5.519	56	14415	1.925	ug/l	#	60
36) 1,1-Dichloropropene	5.556	75	31322	5.089	ug/l	#	51
38) Carbon Tetrachloride	5.550	117	40499	6.224	ug/l	#	15
39) Methylcyclohexane	7.385	83	10136	1.316	ug/l	#	92
40) Benzene	6.044	78	6132	0.329	ug/l		95
52) Toluene	8.720	92	415725	36.036	ug/l		98
53) t-1,3-Dichloropropene	8.720	75	4807	0.774	ug/l	#	1
55) 1,1,2-Trichloroethane	9.104	97	984	0.229	ug/l	#	19
67) Ethyl Benzene	10.195	91	19281	0.852	ug/l		96
68) m/p-Xylenes	10.299	106	18589	2.179	ug/l		96
69) o-Xylene	10.640	106	5052	0.613	ug/l		93
76) 1,2,3-Trichloropropane	11.079	75	153416	32.183	ug/l	#	37
81) trans-1,4-Dichloro-2-b...	11.079	75	153416	86.362	ug/l	#	8
84) 1,2,4-Trimethylbenzene	11.756	105	4460	0.250	ug/l		90
96) 1,2,3-Trichlorobenzene	13.975	180	1837	0.292	ug/l	#	37

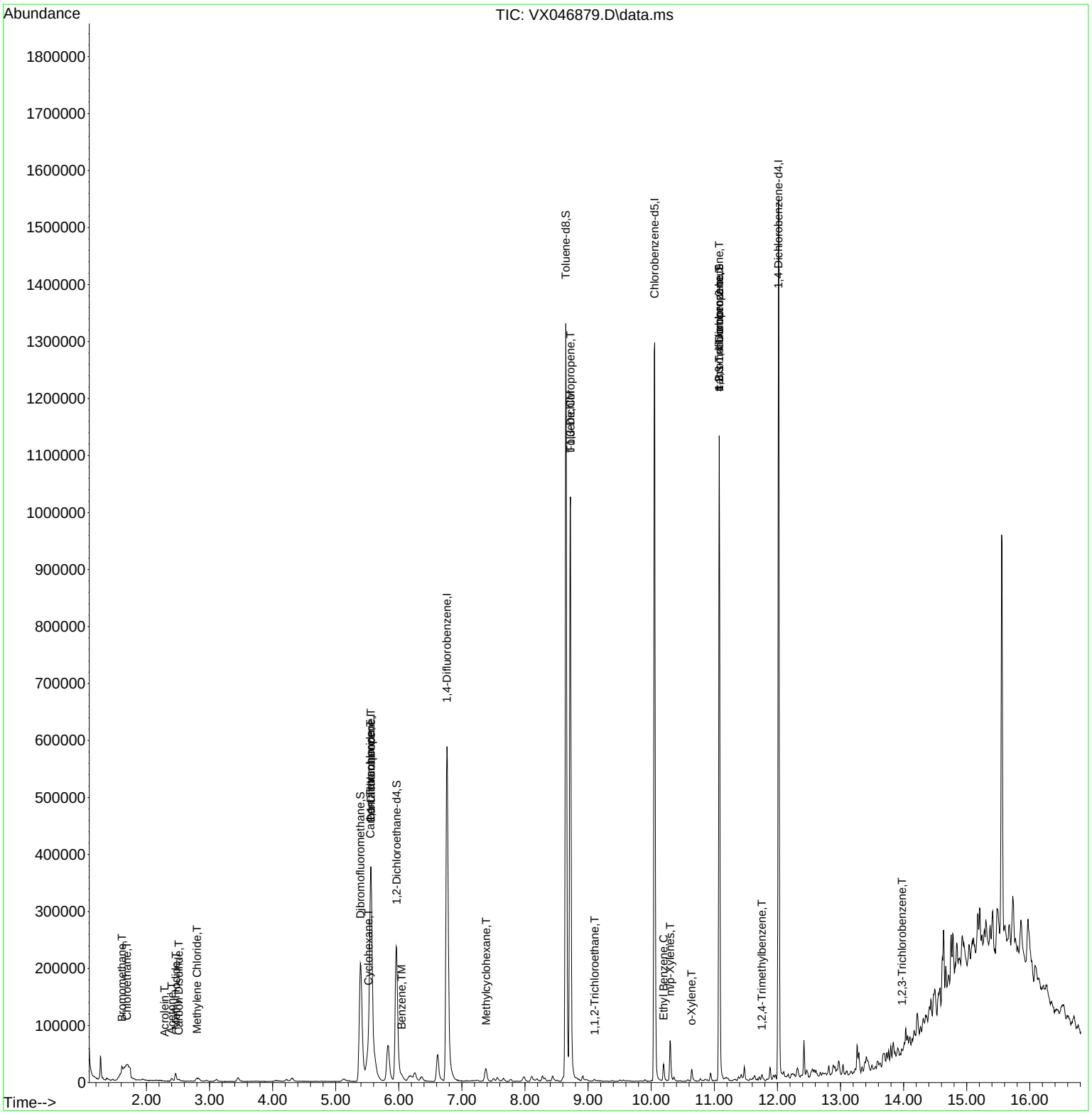
(#) = qualifier out of range (m) = manual integration (+) = signals summed

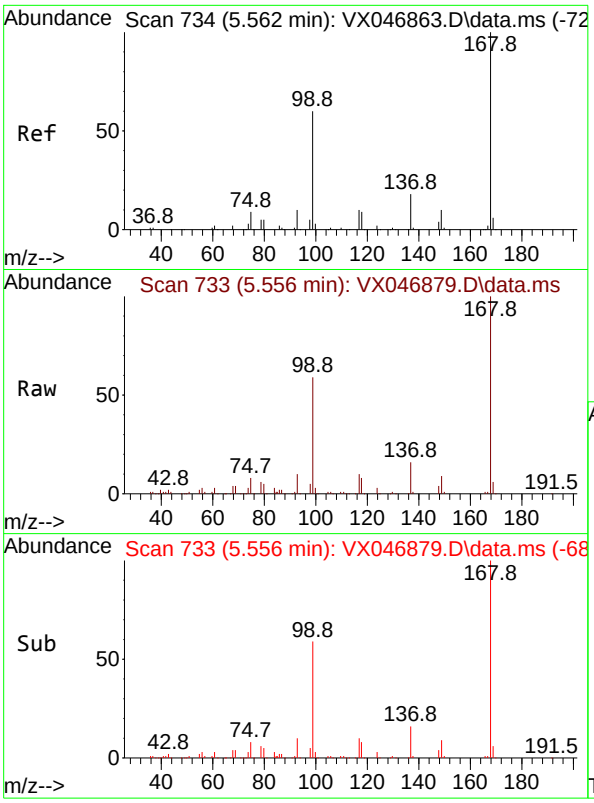
Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070325\
Data File : VX046879.D
Acq On : 03 Jul 2025 12:07
Operator : JC/MD
Sample : Q2447-07ME
Misc : 3.00g/10.0mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
LAW-25-0100ME

Quant Time: Jul 04 01:30:03 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



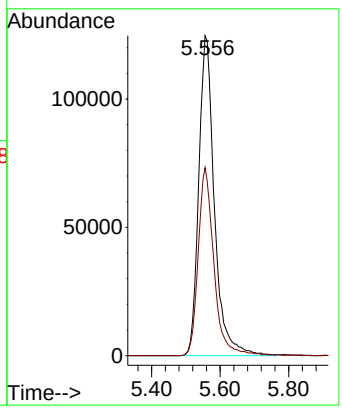


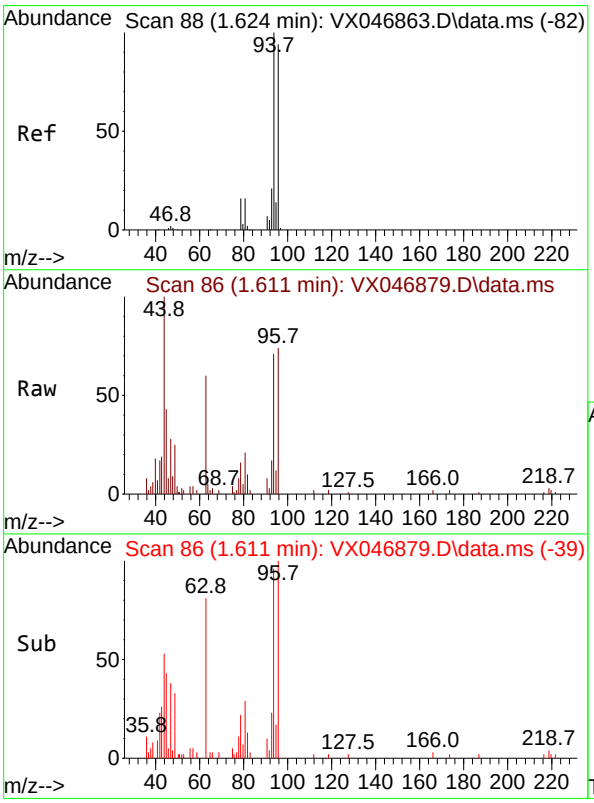
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX046879.D
Acq: 03 Jul 2025 12:07

Instrument :
MSVOA_X
ClientSampleId :
LAW-25-0100ME

Tgt Ion:168 Resp: 396544

Ion	Ratio	Lower	Upper
168	100		
99	58.8	48.8	73.2

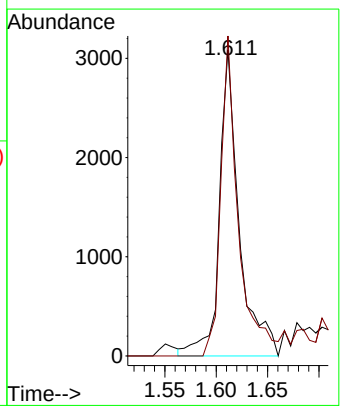


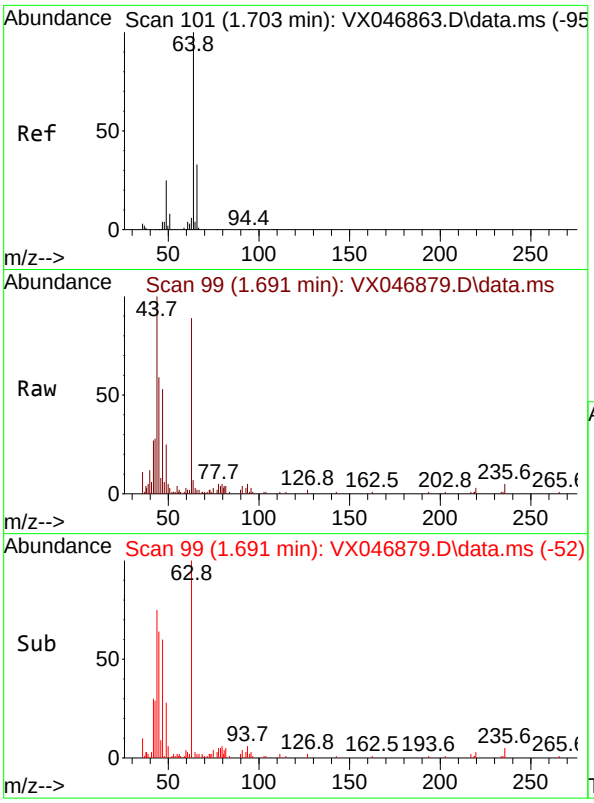


#5
Bromomethane
Concen: 1.428 ug/l
RT: 1.611 min Scan# 86
Delta R.T. -0.012 min
Lab File: VX046879.D
Acq: 03 Jul 2025 12:07

Tgt Ion: 94 Resp: 4141

Ion	Ratio	Lower	Upper
94	100		
96	104.5	75.5	113.3



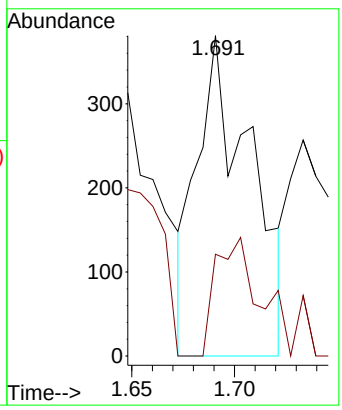


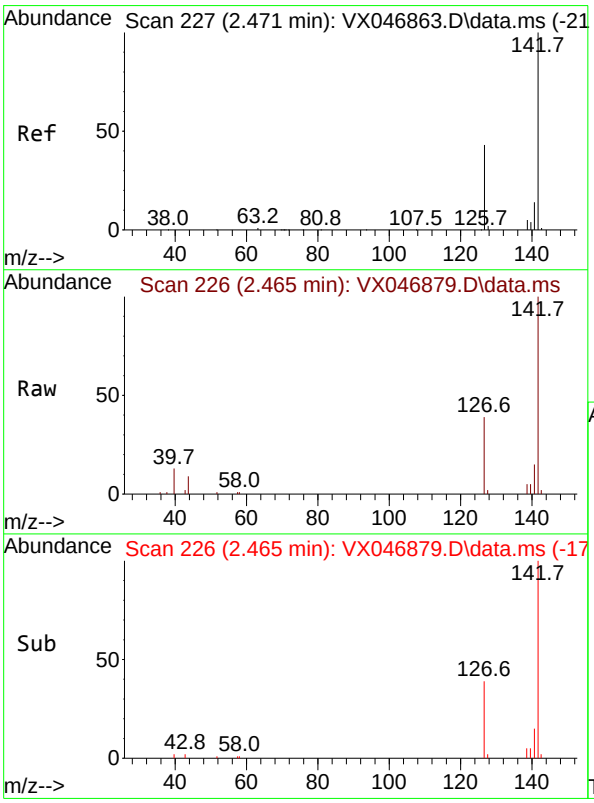
#6
Chloroethane
Concen: 0.232 ug/l
RT: 1.691 min Scan# 9
Delta R.T. -0.012 min
Lab File: VX046879.D
Acq: 03 Jul 2025 12:07

Instrument :
MSVOA_X
ClientSampleId :
LAW-25-0100ME

Tgt Ion: 64 Resp: 691

Ion	Ratio	Lower	Upper
64	100		
66	51.9	26.4	39.6#

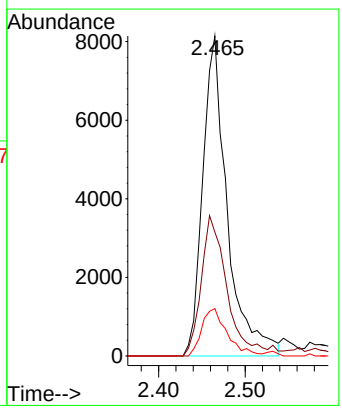


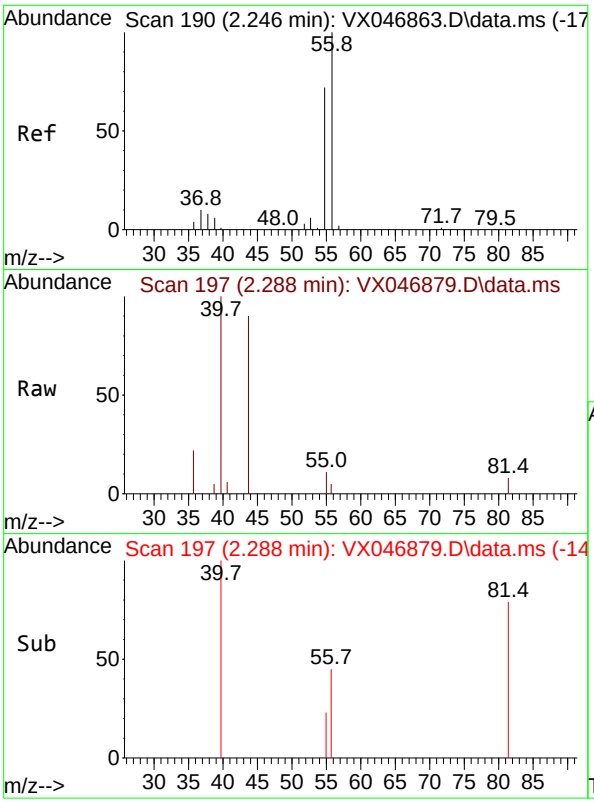


#10
Methyl Iodide
Concen: 3.307 ug/l
RT: 2.465 min Scan# 226
Delta R.T. -0.006 min
Lab File: VX046879.D
Acq: 03 Jul 2025 12:07

Tgt Ion:142 Resp: 16016

Ion	Ratio	Lower	Upper
142	100		
127	46.7	34.9	52.3
141	15.4	11.1	16.7



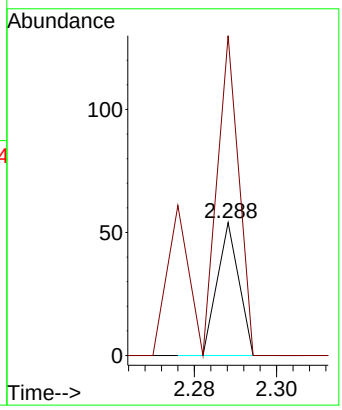


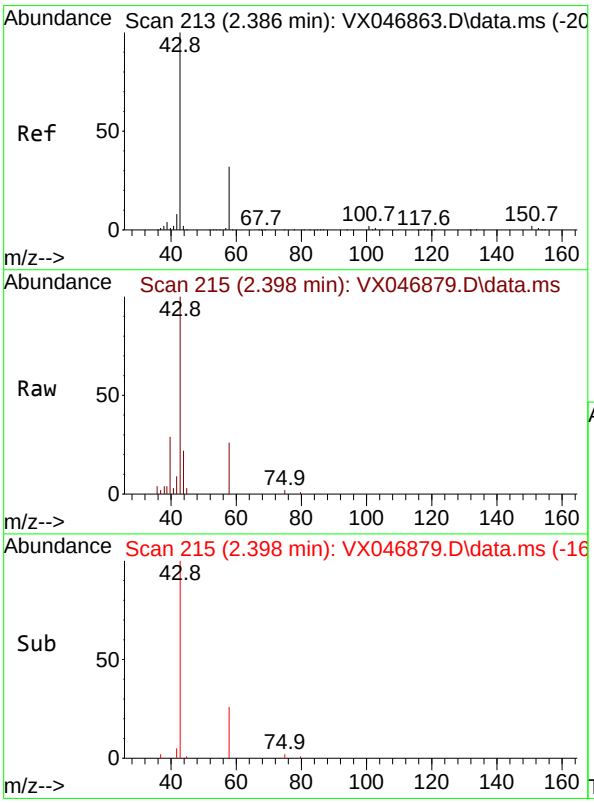
#13
Acrolein
Concen: 2.887 ug/l
RT: 2.288 min Scan# 1
Delta R.T. 0.042 min
Lab File: VX046879.D
Acq: 03 Jul 2025 12:07

Instrument :
MSVOA_X
ClientSampleId :
LAW-25-0100ME

Tgt Ion: 56 Resp: 20

Ion	Ratio	Lower	Upper
56	100		
55	350.0	55.5	83.3#

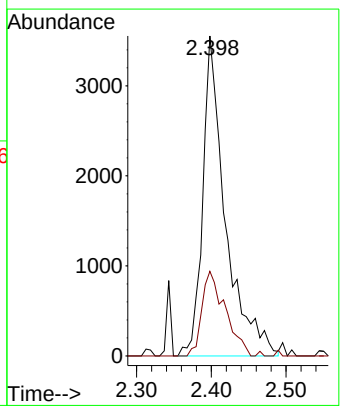


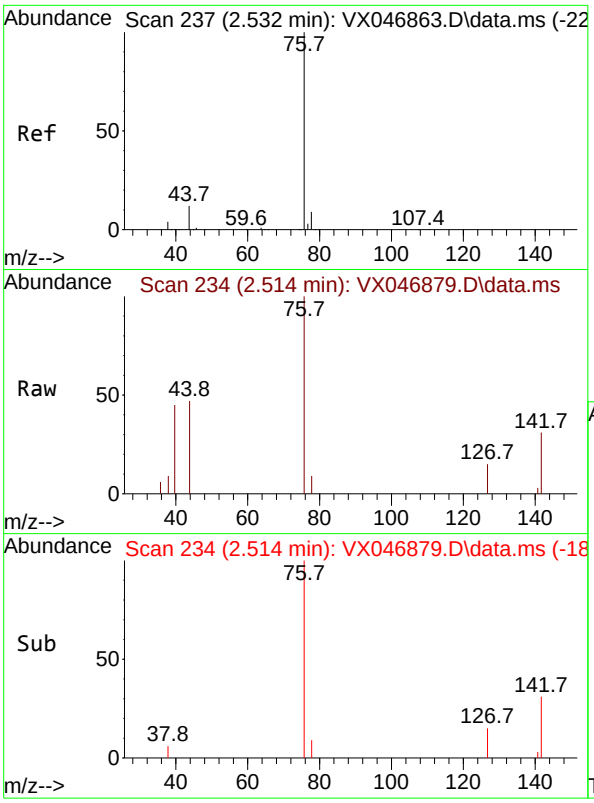


#16
Acetone
Concen: 4.605 ug/l
RT: 2.398 min Scan# 215
Delta R.T. 0.012 min
Lab File: VX046879.D
Acq: 03 Jul 2025 12:07

Tgt Ion: 43 Resp: 7494

Ion	Ratio	Lower	Upper
43	100		
58	34.2	25.8	38.6



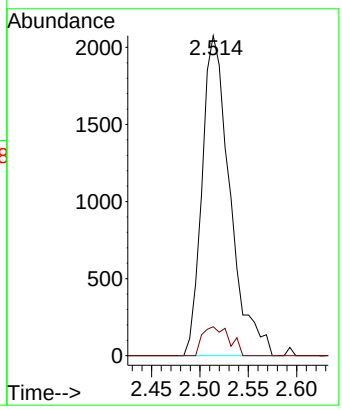


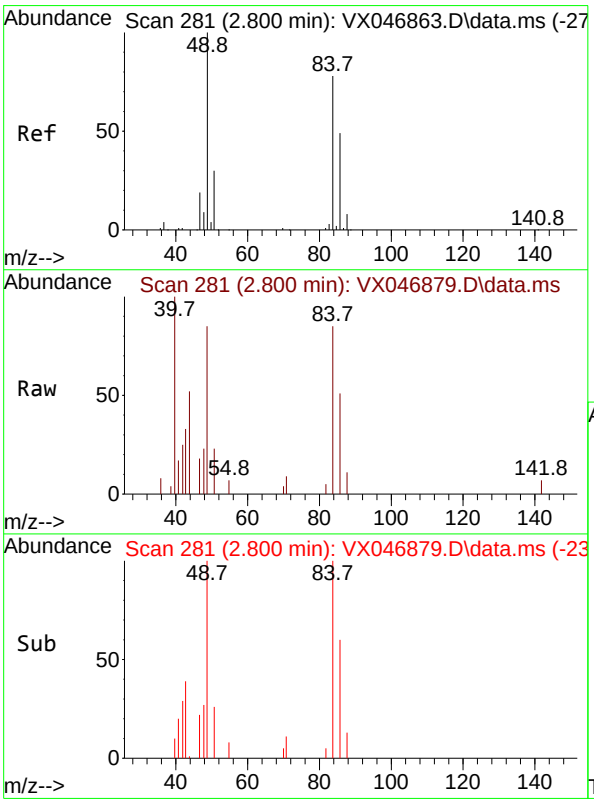
#17
Carbon Disulfide
Concen: 0.370 ug/l
RT: 2.514 min Scan# 2
Delta R.T. -0.018 min
Lab File: VX046879.D
Acq: 03 Jul 2025 12:07

Instrument :
MSVOA_X
ClientSampleId :
LAW-25-0100ME

Tgt Ion: 76 Resp: 4167

Ion	Ratio	Lower	Upper
76	100		
78	9.1	7.4	11.2

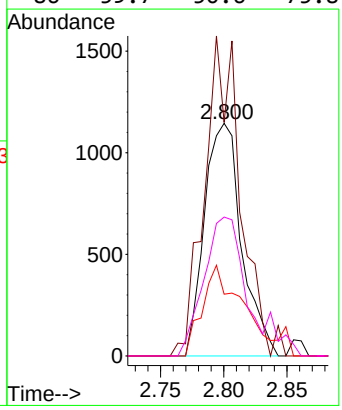


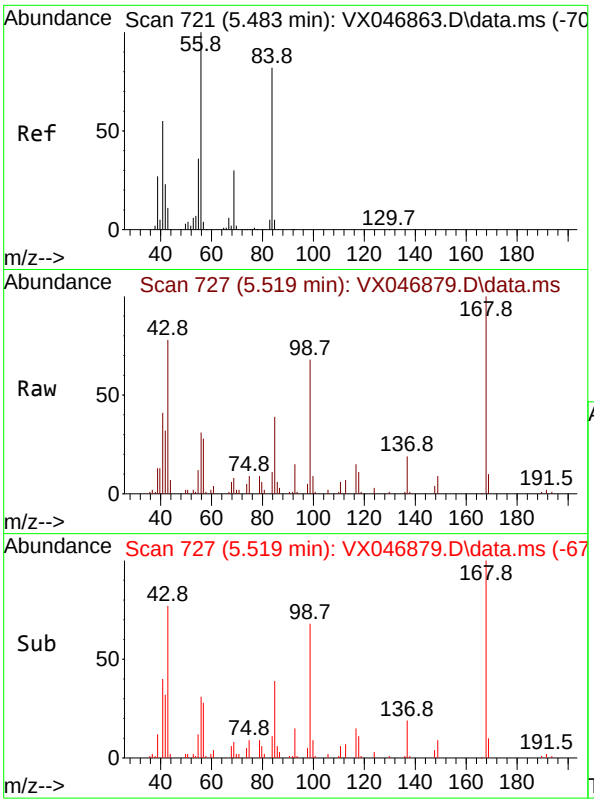


#20
Methylene Chloride
Concen: 0.486 ug/l
RT: 2.800 min Scan# 281
Delta R.T. -0.000 min
Lab File: VX046879.D
Acq: 03 Jul 2025 12:07

Tgt Ion: 84 Resp: 2337

Ion	Ratio	Lower	Upper
84	100		
49	94.8	102.8	154.2#
51	26.6	31.1	46.7#
86	59.7	50.6	75.8



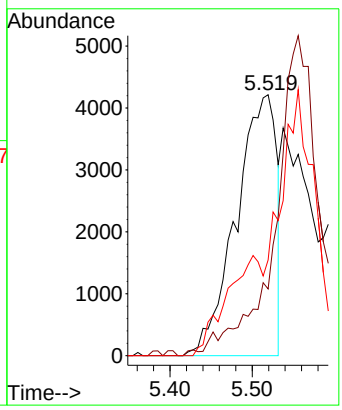


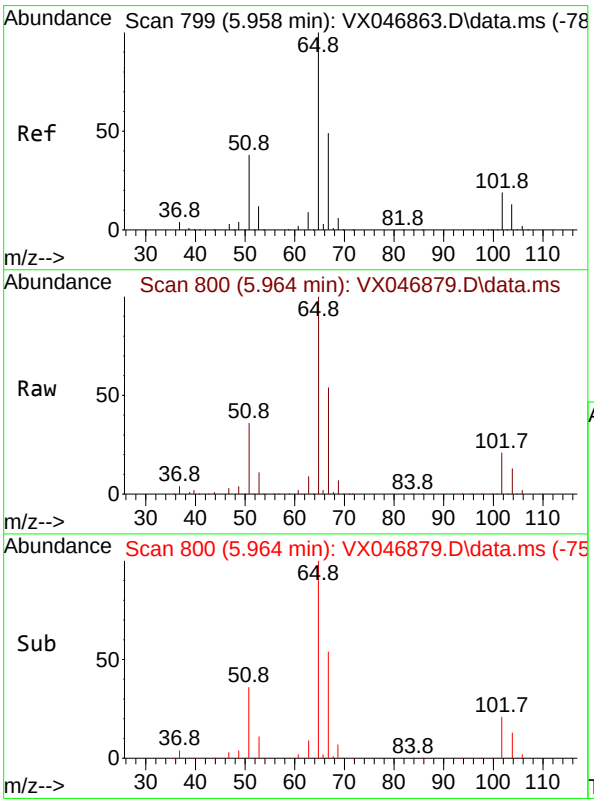
#31
Cyclohexane
Concen: 1.925 ug/l
RT: 5.519 min Scan# 7
Delta R.T. 0.037 min
Lab File: VX046879.D
Acq: 03 Jul 2025 12:07

Instrument :
MSVOA_X
ClientSampleId :
LAW-25-0100ME

Tgt Ion: 56 Resp: 14415

Ion	Ratio	Lower	Upper
56	100		
69	25.6	24.0	36.0
84	36.7	66.5	99.7#

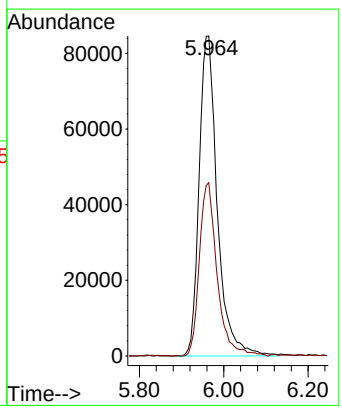


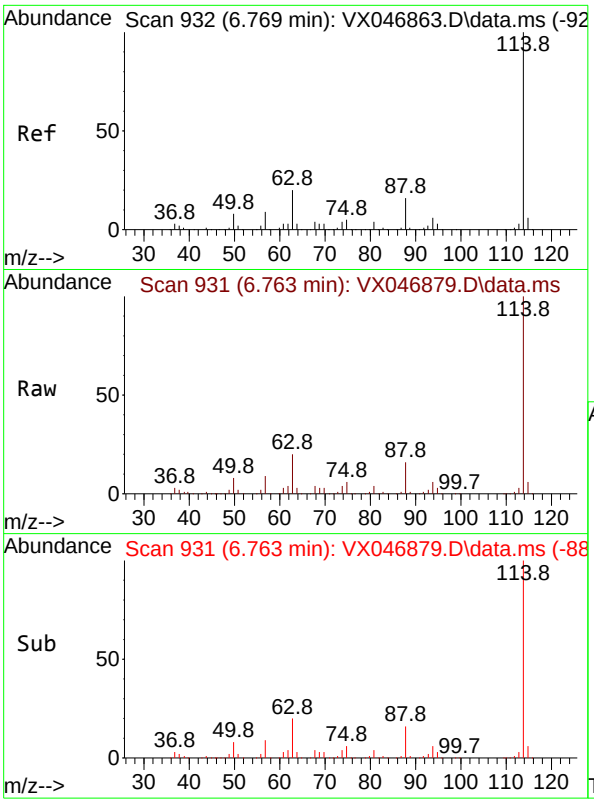


#33
1,2-Dichloroethane-d4
Concen: 48.395 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.006 min
Lab File: VX046879.D
Acq: 03 Jul 2025 12:07

Tgt Ion: 65 Resp: 253531

Ion	Ratio	Lower	Upper
65	100		
67	52.9	0.0	105.2



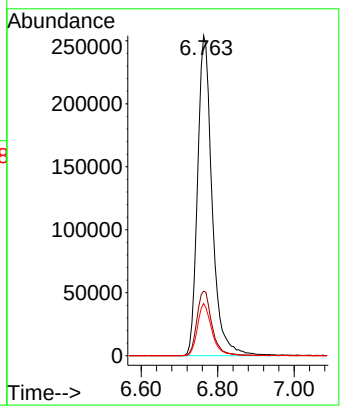


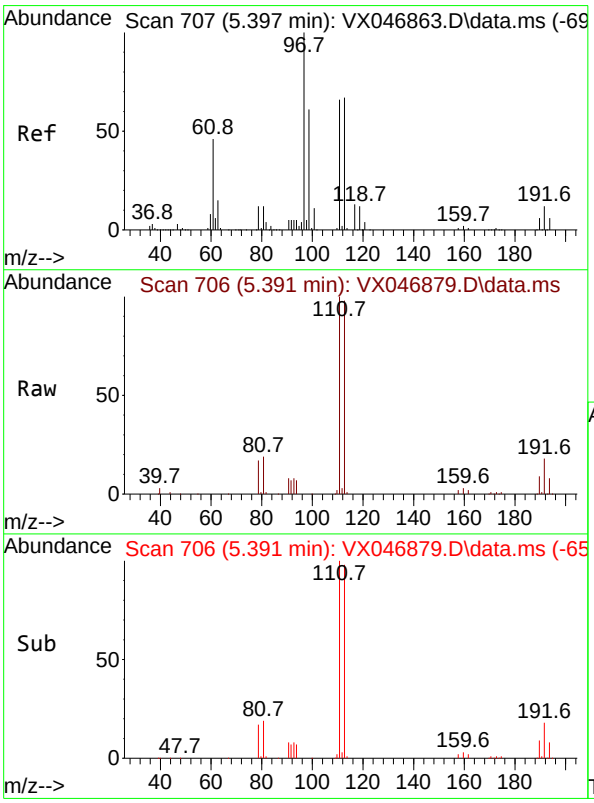
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 9
Delta R.T. -0.006 min
Lab File: VX046879.D
Acq: 03 Jul 2025 12:07

Instrument :
MSVOA_X
ClientSampleId :
LAW-25-0100ME

Tgt Ion:114 Resp: 672060

Ion	Ratio	Lower	Upper
114	100		
63	20.2	0.0	40.4
88	16.3	0.0	31.0

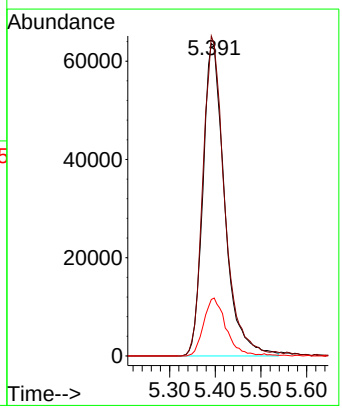


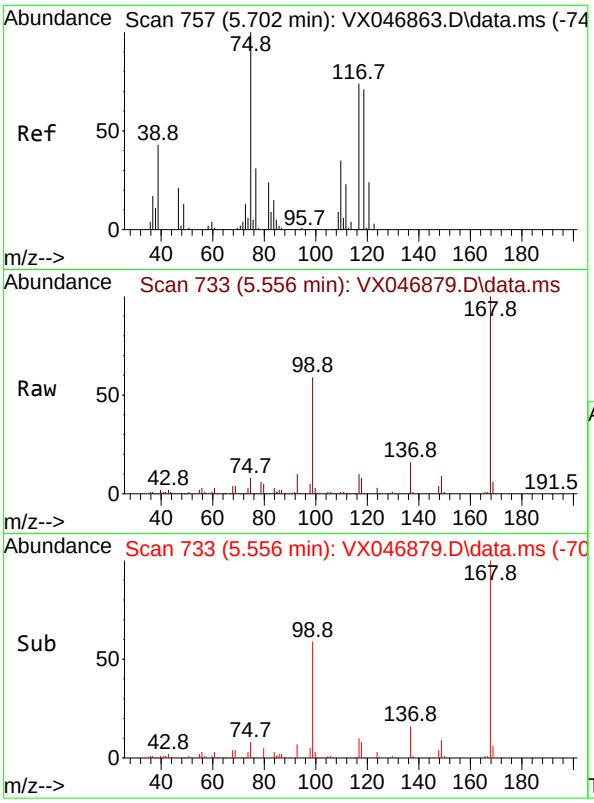


#35
Dibromofluoromethane
Concen: 45.978 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.006 min
Lab File: VX046879.D
Acq: 03 Jul 2025 12:07

Tgt Ion:113 Resp: 209749

Ion	Ratio	Lower	Upper
113	100		
111	101.9	81.2	121.8
192	19.0	15.3	22.9



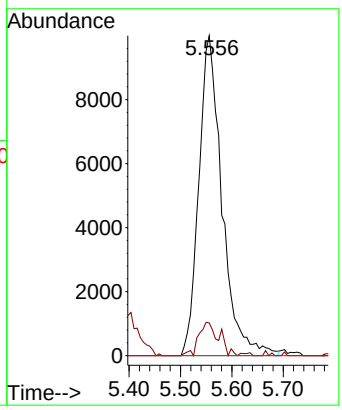


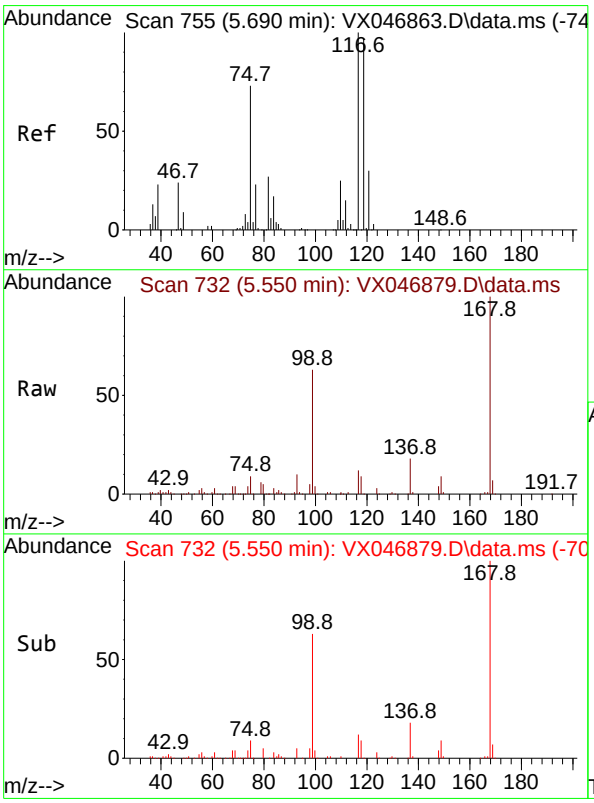
#36
1,1-Dichloropropene
Concen: 5.089 ug/l
RT: 5.556 min Scan# 7
Delta R.T. -0.146 min
Lab File: VX046879.D
Acq: 03 Jul 2025 12:07

Instrument :
MSVOA_X
ClientSampleId :
LAW-25-0100ME

Tgt Ion: 75 Resp: 31322

Ion	Ratio	Lower	Upper
75	100		
110	9.1	17.3	51.9#
77	0.0	24.2	36.4#

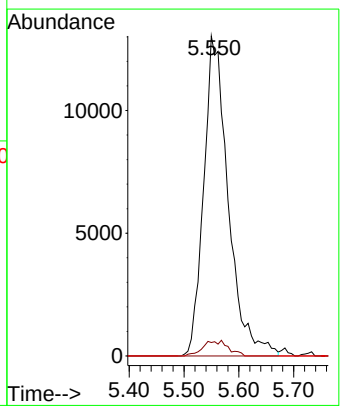


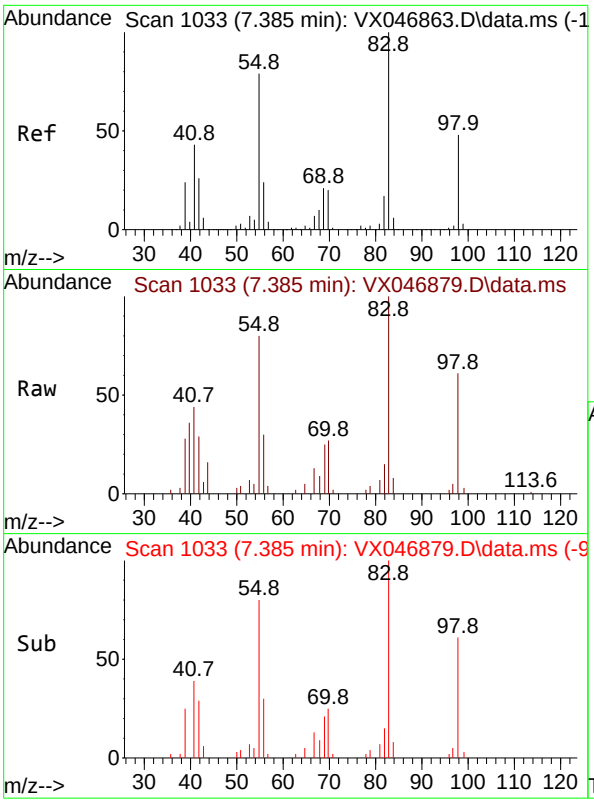


#38
Carbon Tetrachloride
Concen: 6.224 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX046879.D
Acq: 03 Jul 2025 12:07

Tgt Ion:117 Resp: 40499

Ion	Ratio	Lower	Upper
117	100		
119	4.2	76.6	114.8#
121	0.0	24.1	36.1#



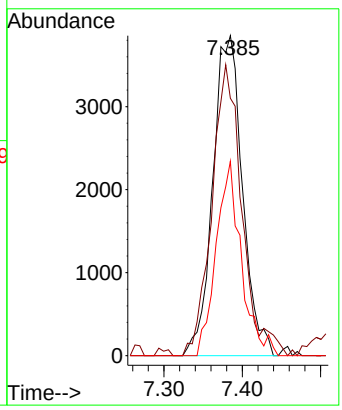


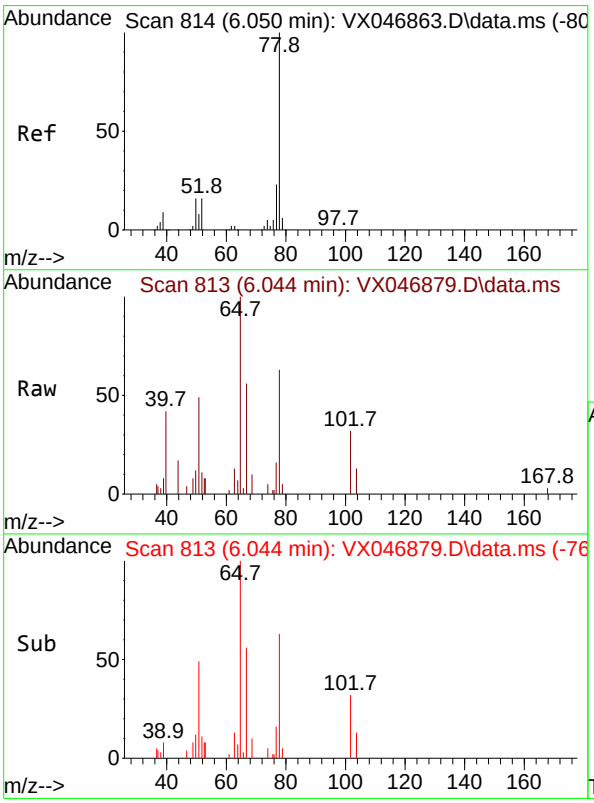
#39
Methylcyclohexane
Concen: 1.316 ug/l
RT: 7.385 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046879.D
Acq: 03 Jul 2025 12:07

Instrument :
MSVOA_X
ClientSampleId :
LAW-25-0100ME

Tgt Ion: 83 Resp: 10136

Ion	Ratio	Lower	Upper
83	100		
55	80.5	63.0	94.4
98	60.7	38.5	57.7#

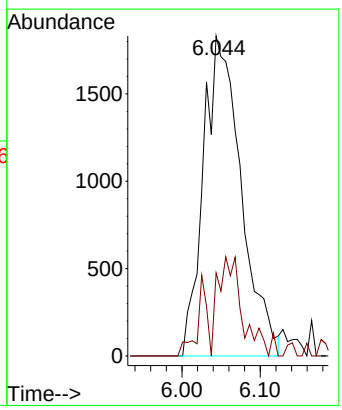


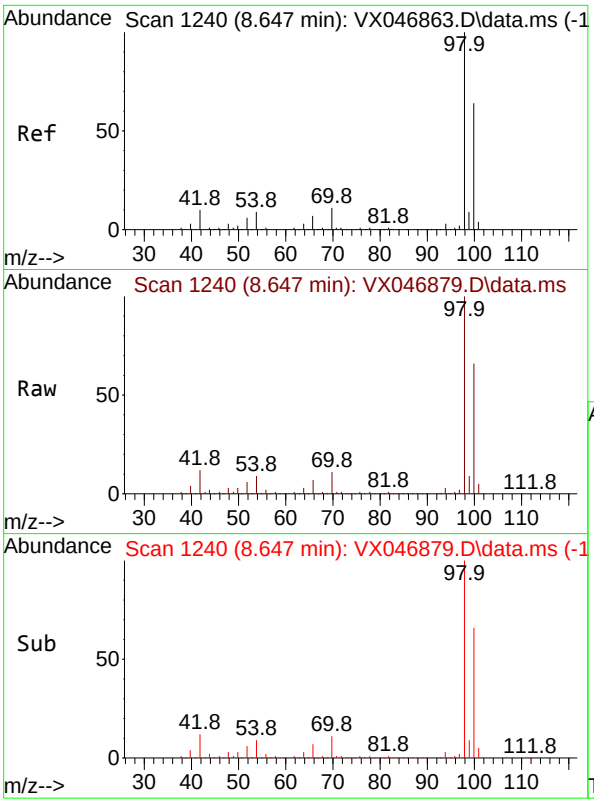


#40
Benzene
Concen: 0.329 ug/l
RT: 6.044 min Scan# 813
Delta R.T. -0.006 min
Lab File: VX046879.D
Acq: 03 Jul 2025 12:07

Tgt Ion: 78 Resp: 6132

Ion	Ratio	Lower	Upper
78	100		
77	25.9	18.7	28.1



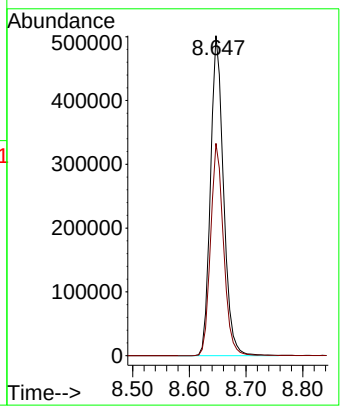


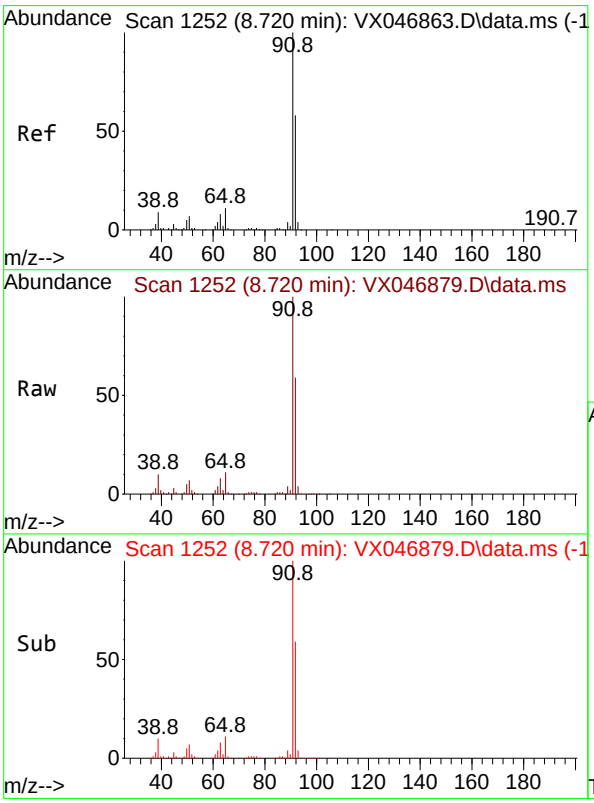
#50
Toluene-d8
Concen: 49.751 ug/l
RT: 8.647 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046879.D
Acq: 03 Jul 2025 12:07

Instrument :
MSVOA_X
ClientSampleId :
LAW-25-0100ME

Tgt Ion: 98 Resp: 800768

Ion	Ratio	Lower	Upper
98	100		
100	66.2	53.0	79.6

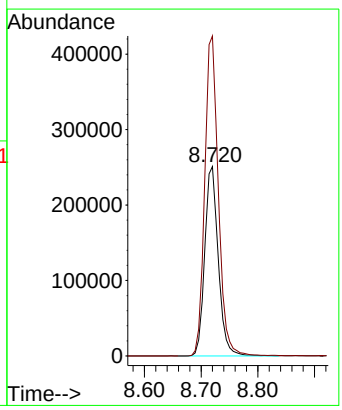


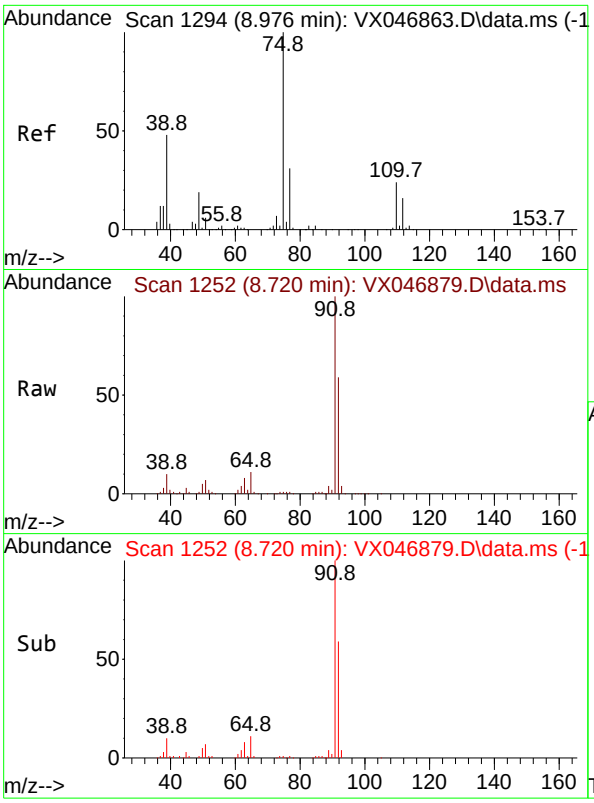


#52
Toluene
Concen: 36.036 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX046879.D
Acq: 03 Jul 2025 12:07

Tgt Ion: 92 Resp: 415725

Ion	Ratio	Lower	Upper
92	100		
91	170.0	137.9	206.9



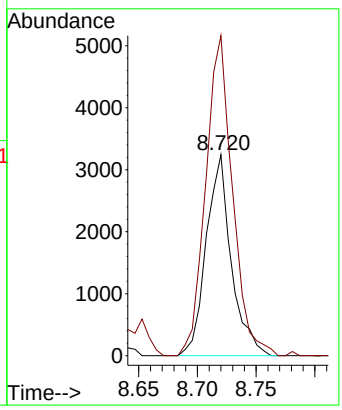


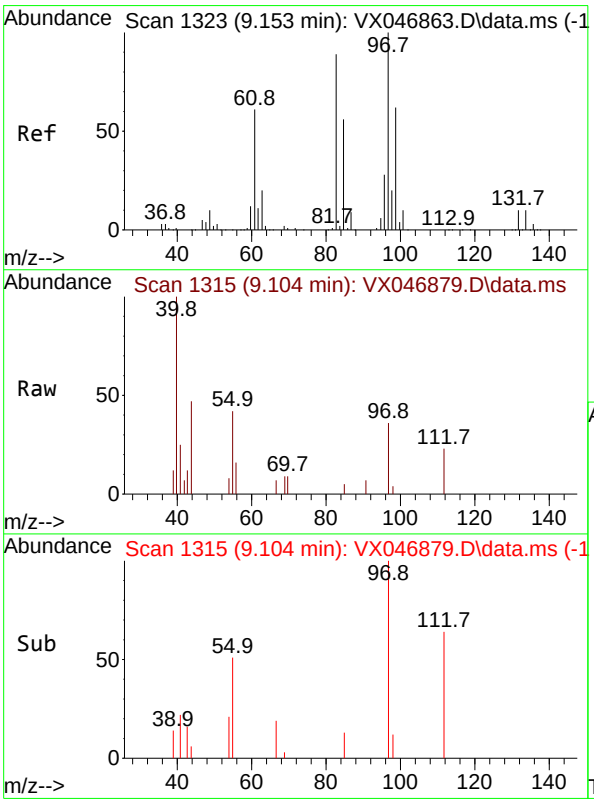
#53
t-1,3-Dichloropropene
Concen: 0.774 ug/l
RT: 8.720 min Scan# 1
Delta R.T. -0.256 min
Lab File: VX046879.D
Acq: 03 Jul 2025 12:07

Instrument :
MSVOA_X
ClientSampleId :
LAW-25-0100ME

Tgt Ion: 75 Resp: 4807

Ion	Ratio	Lower	Upper
75	100		
77	159.2	25.0	37.6#

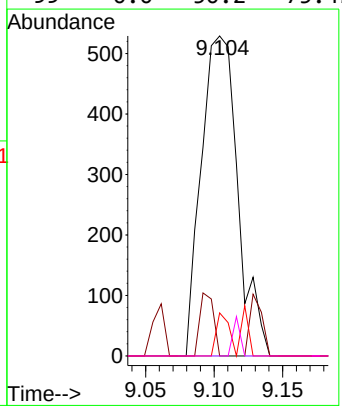


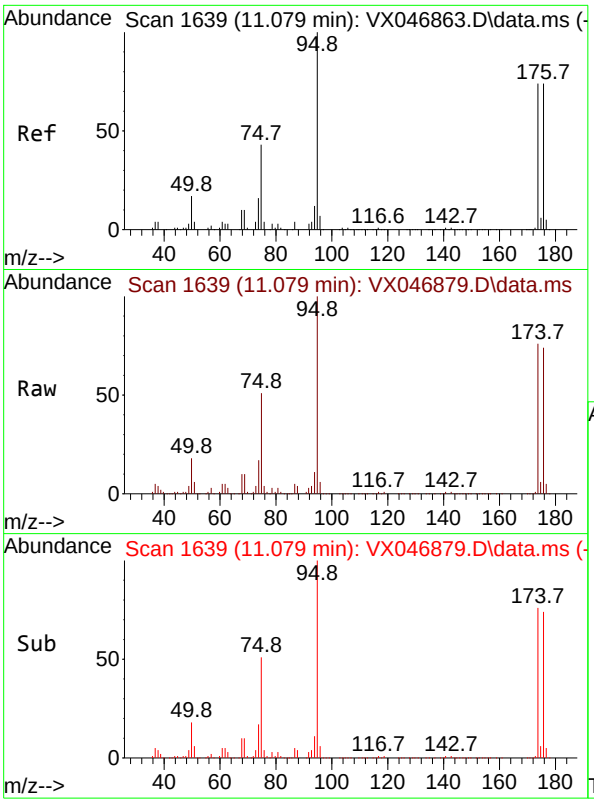


#55
1,1,2-Trichloroethane
Concen: 0.229 ug/l
RT: 9.104 min Scan# 1315
Delta R.T. -0.049 min
Lab File: VX046879.D
Acq: 03 Jul 2025 12:07

Tgt Ion: 97 Resp: 984

Ion	Ratio	Lower	Upper
97	100		
83	0.0	70.9	106.3#
85	13.4	44.6	67.0#
99	0.0	50.2	75.4#



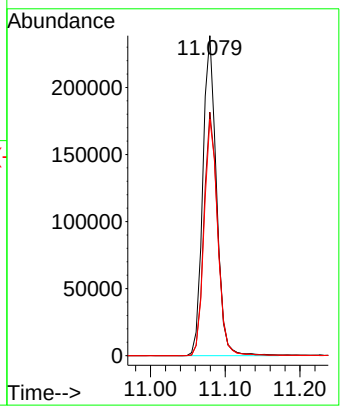


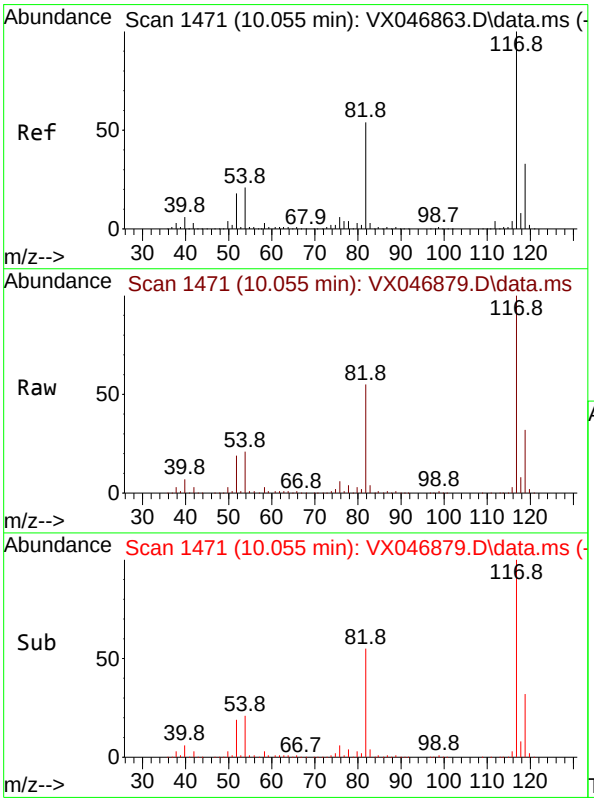
#62
4-Bromofluorobenzene
Concen: 49.334 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046879.D
Acq: 03 Jul 2025 12:07

Instrument :
MSVOA_X
ClientSampleId :
LAW-25-0100ME

Tgt Ion: 95 Resp: 301787

Ion	Ratio	Lower	Upper
95	100		
174	76.7	0.0	152.0
176	74.0	0.0	145.2

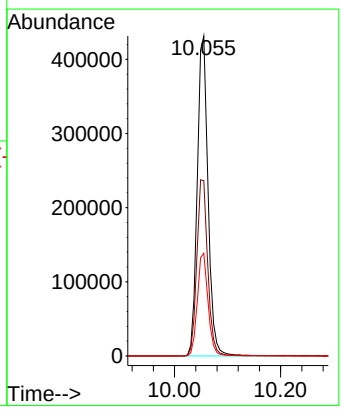


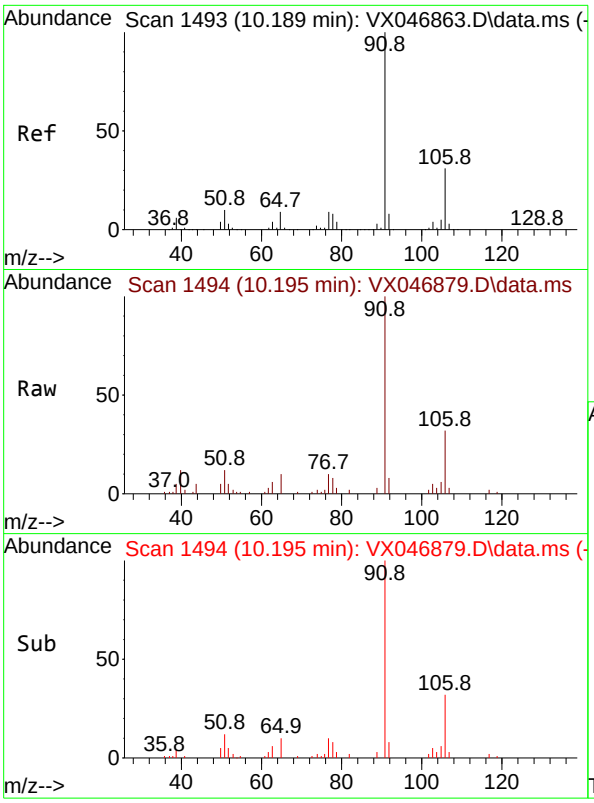


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX046879.D
Acq: 03 Jul 2025 12:07

Tgt Ion:117 Resp: 611341

Ion	Ratio	Lower	Upper
117	100		
82	54.8	43.3	64.9
119	32.1	26.4	39.6



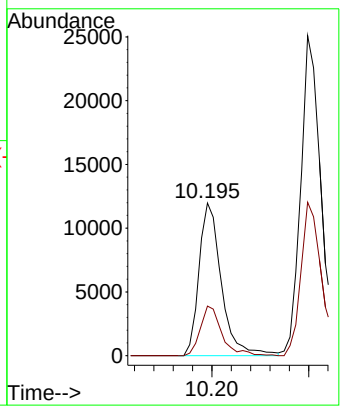


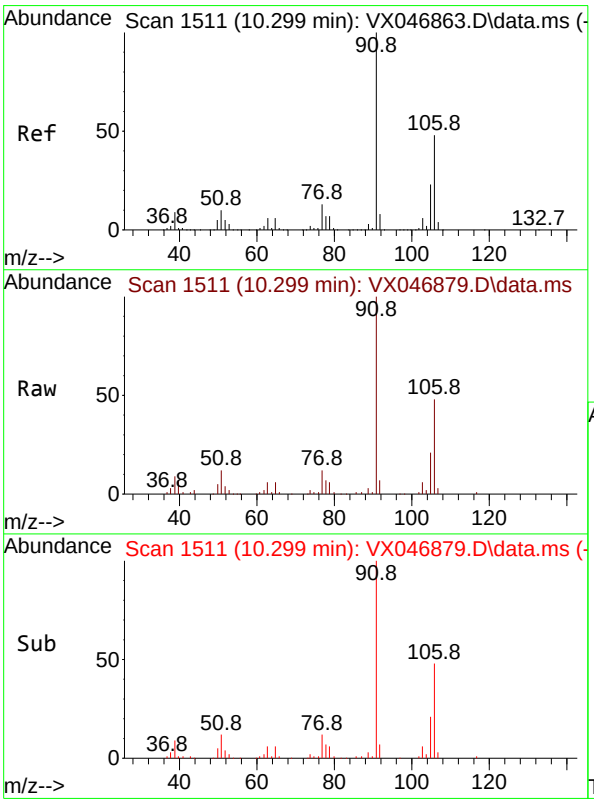
#67
Ethyl Benzene
Concen: 0.852 ug/l
RT: 10.195 min Scan# 14
Delta R.T. 0.006 min
Lab File: VX046879.D
Acq: 03 Jul 2025 12:07

Instrument :
MSVOA_X
ClientSampleId :
LAW-25-0100ME

Tgt Ion: 91 Resp: 19281

Ion	Ratio	Lower	Upper
91	100		
106	32.5	24.4	36.6

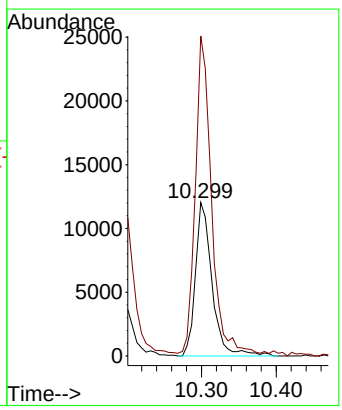


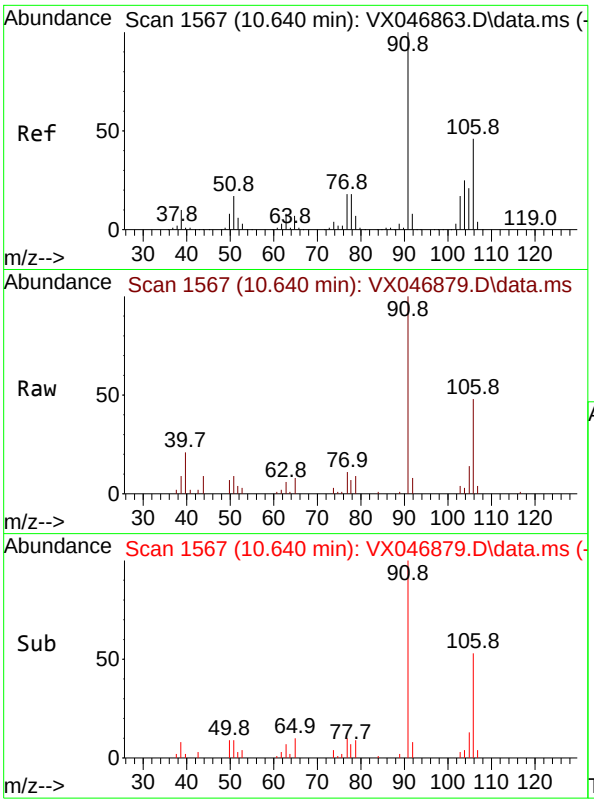


#68
m/p-Xylenes
Concen: 2.179 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX046879.D
Acq: 03 Jul 2025 12:07

Tgt Ion:106 Resp: 18589

Ion	Ratio	Lower	Upper
106	100		
91	199.6	164.6	246.8



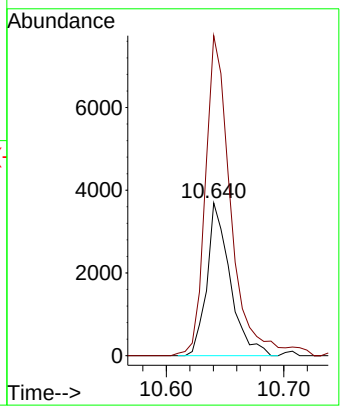


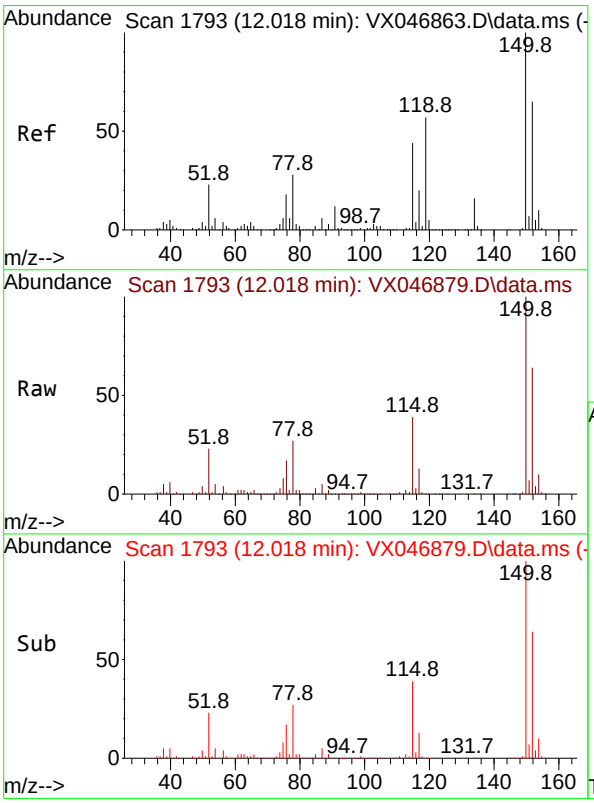
#69
o-Xylene
Concen: 0.613 ug/l
RT: 10.640 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046879.D
Acq: 03 Jul 2025 12:07

Instrument :
MSVOA_X
ClientSampleId :
LAW-25-0100ME

Tgt Ion:106 Resp: 5052

Ion	Ratio	Lower	Upper
106	100		
91	230.6	109.5	328.5

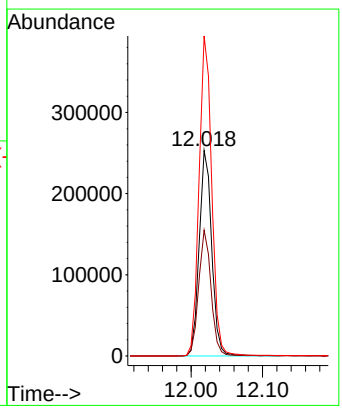


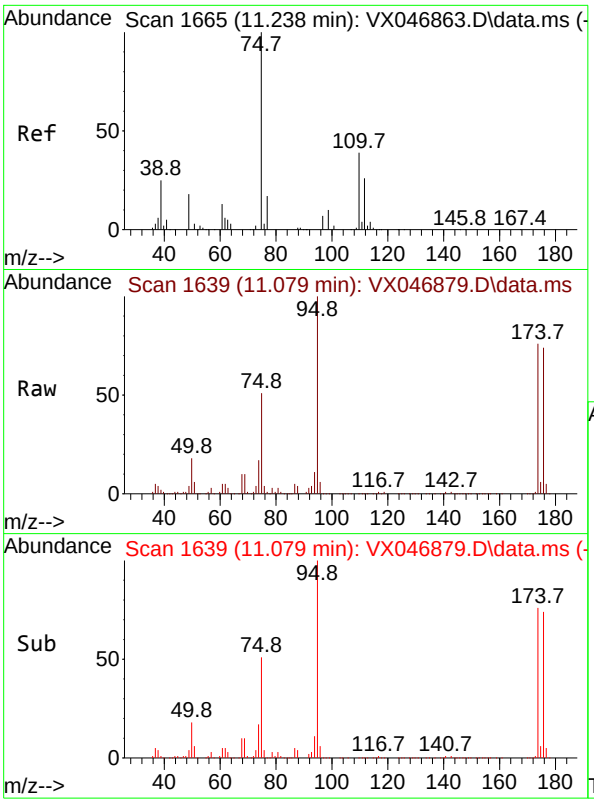


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX046879.D
Acq: 03 Jul 2025 12:07

Tgt Ion:152 Resp: 308520

Ion	Ratio	Lower	Upper
152	100		
115	60.5	42.4	127.1
150	157.1	0.0	349.2



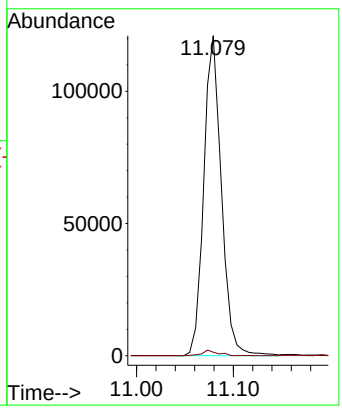


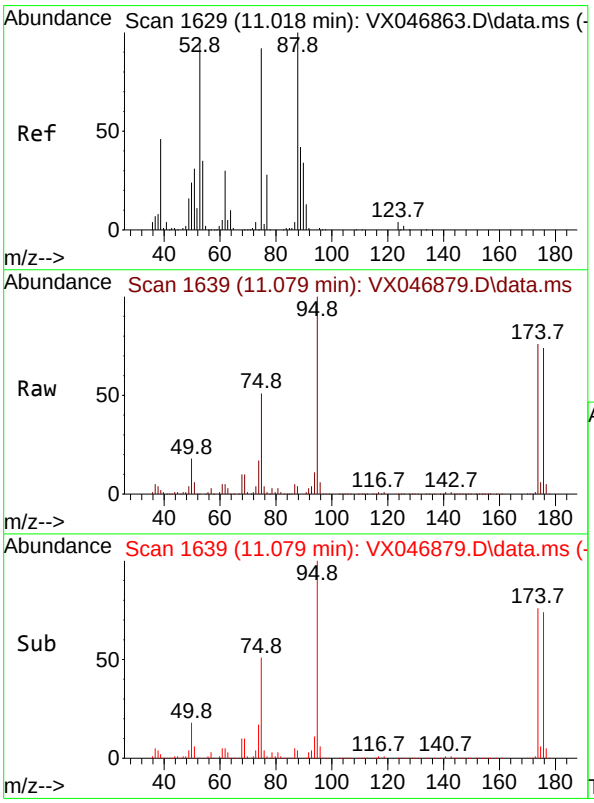
#76
1,2,3-Trichloropropane
Concen: 32.183 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.159 min
Lab File: VX046879.D
Acq: 03 Jul 2025 12:07

Instrument :
MSVOA_X
ClientSampleId :
LAW-25-0100ME

Tgt Ion: 75 Resp: 153416

Ion	Ratio	Lower	Upper
75	100		
77	1.5	20.6	61.8#

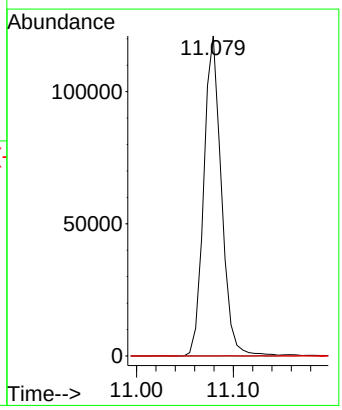


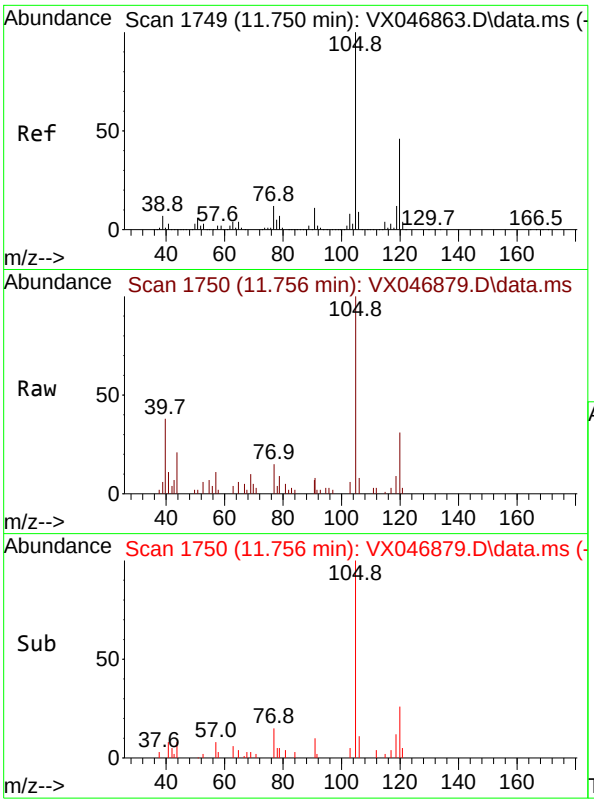


#81
trans-1,4-Dichloro-2-butene
Concen: 86.362 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX046879.D
Acq: 03 Jul 2025 12:07

Tgt Ion: 75 Resp: 153416

Ion	Ratio	Lower	Upper
75	100		
53	0.0	83.7	125.5#
89	0.0	38.2	57.2#



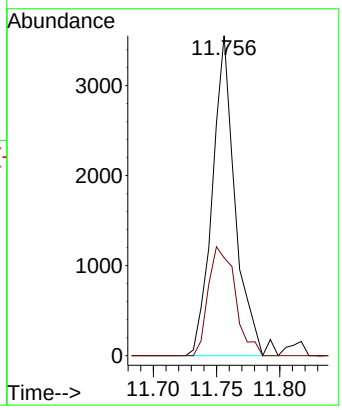


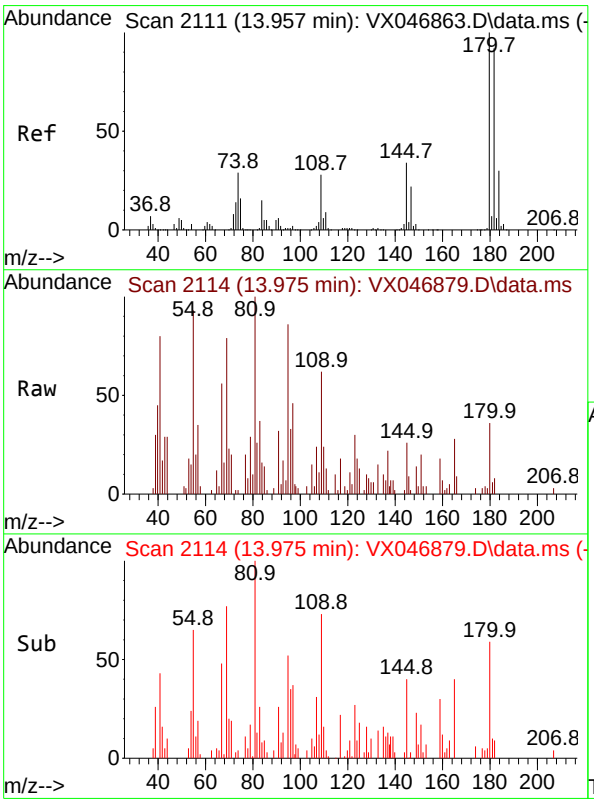
#84
1,2,4-Trimethylbenzene
Concen: 0.250 ug/l
RT: 11.756 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX046879.D
Acq: 03 Jul 2025 12:07

Instrument :
MSVOA_X
ClientSampleId :
LAW-25-0100ME

Tgt Ion:105 Resp: 4460

Ion	Ratio	Lower	Upper
105	100		
120	40.2	23.3	69.8





#96
1,2,3-Trichlorobenzene
Concen: 0.292 ug/l
RT: 13.975 min Scan# 2114
Delta R.T. 0.018 min
Lab File: VX046879.D
Acq: 03 Jul 2025 12:07

Tgt Ion:180 Resp: 1837

Ion	Ratio	Lower	Upper
180	100		
182	33.2	46.7	140.1#
145	69.5	16.8	50.3#