Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN103125\
Data File : VN088193.D
Acq On : 31 Oct 2025 16:46
Operator : JC\MD
Sample : IBLK
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Quant Time: Nov 01 00:37:42 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102325W.M
Quant Title : SW846 8260
QLast Update : Sat Oct 25 00:15:22 2025
Response via : Initial Calibration

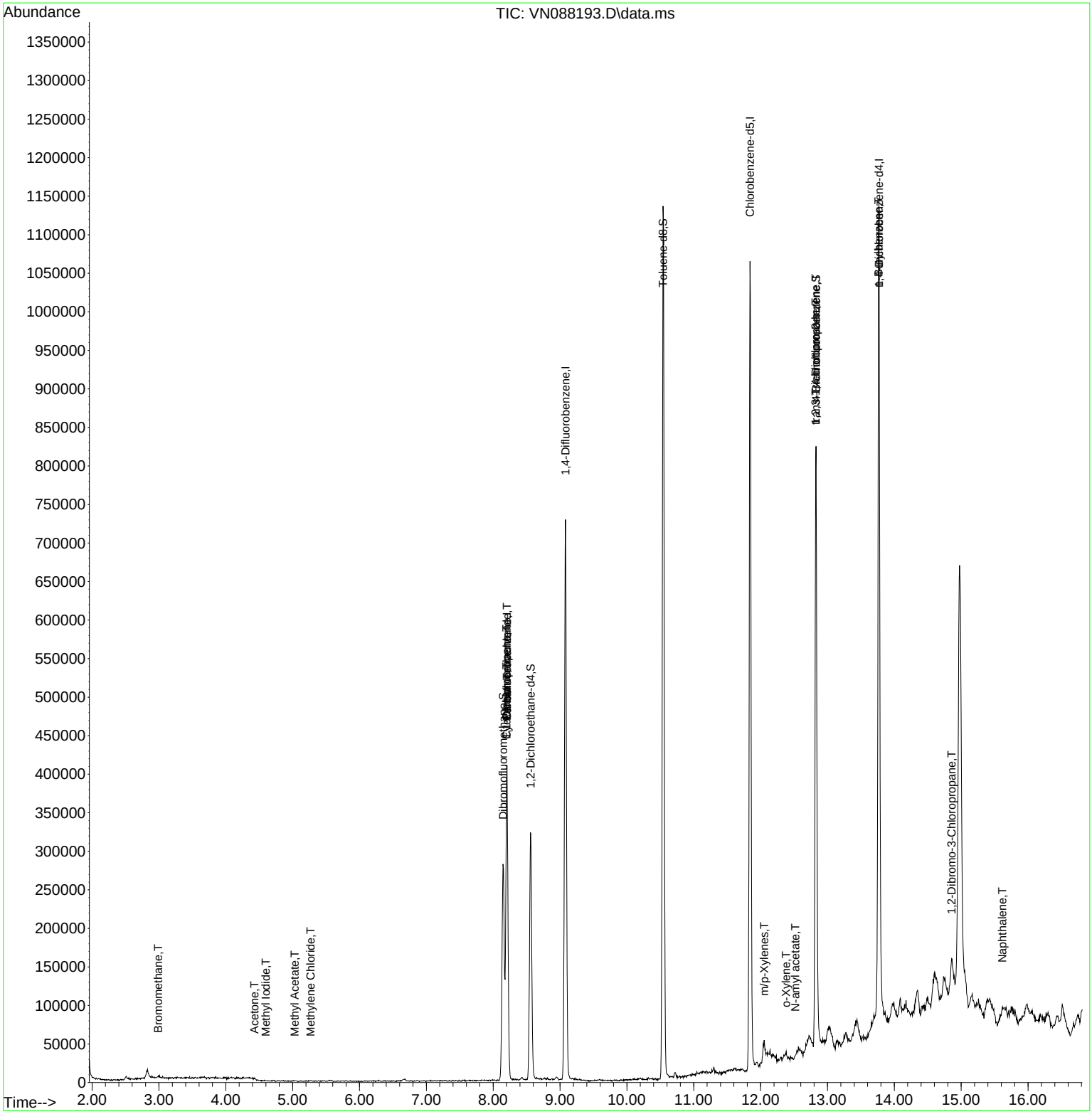
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.206	168	264276	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	598834	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.841	117	577940	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	282587	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	267536	58.543	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 117.080%			
35) Dibromofluoromethane	8.147	113	201439	50.072	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.140%			
50) Toluene-d8	10.541	98	768885	49.601	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 99.200%			
62) 4-Bromofluorobenzene	12.829	95	315493	57.630	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 115.260%			
Target Compounds						Qvalue
5) Bromomethane	2.989	94	1009	0.441	ug/l	87
10) Methyl Iodide	4.600	142	224	4.277	ug/l #	38
16) Acetone	4.430	43	1469	0.640	ug/l	89
18) Methyl Acetate	5.030	43	1208	0.257	ug/l #	63
20) Methylene Chloride	5.271	84	151	0.815	ug/l #	64
31) Cyclohexane	8.200	56	8336	1.303	ug/l #	41
36) 1,1-Dichloropropene	8.200	75	26132	4.449	ug/l #	52
38) Carbon Tetrachloride	8.206	117	31665	5.219	ug/l #	15
68) m/p-Xylenes	12.053	106	6899	0.799	ug/l	86
69) o-Xylene	12.382	106	1980	0.242	ug/l	98
74) N-amyl acetate	12.518	43	1581	0.256	ug/l #	25
76) 1,2,3-Trichloropropane	12.823	75	175008	27.088	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.823	75	175008	75.562	ug/l #	1
89) n-Butylbenzene	13.765	91	4671	0.247	ug/l	82
92) 1,2-Dibromo-3-Chloropr...	14.859	75	1093	0.692	ug/l	69
95) Naphthalene	15.617	128	5549	0.296	ug/l #	79

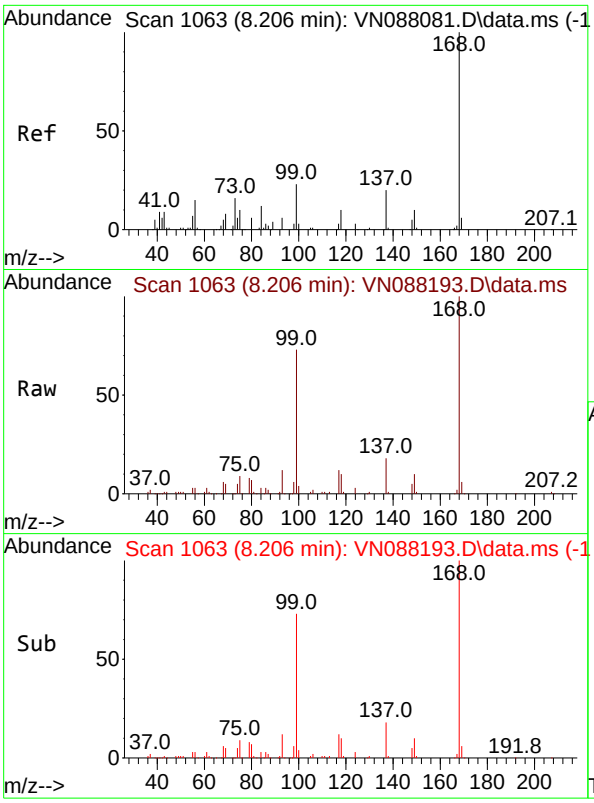
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN103125\
Data File : VN088193.D
Acq On : 31 Oct 2025 16:46
Operator : JC\MD
Sample : IBLK
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Quant Time: Nov 01 00:37:42 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102325W.M
Quant Title : SW846 8260
QLast Update : Sat Oct 25 00:15:22 2025
Response via : Initial Calibration



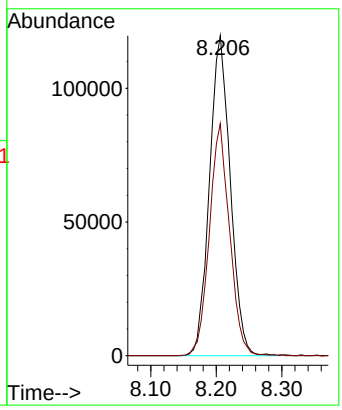


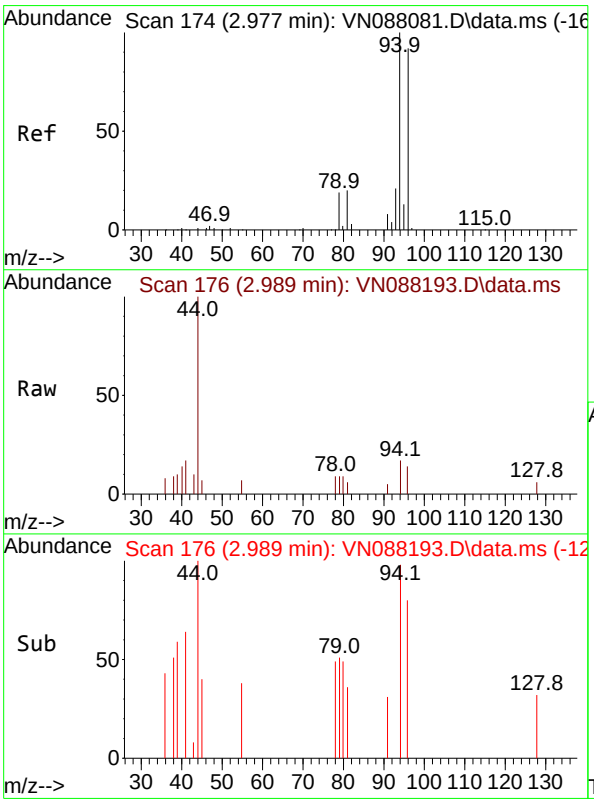
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN088193.D
Acq: 31 Oct 2025 16:46

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion:168 Resp: 264276

Ion	Ratio	Lower	Upper
168	100		
99	72.5	57.2	85.8

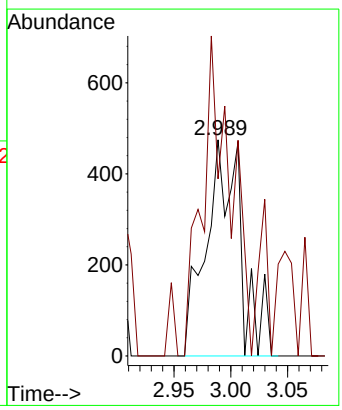


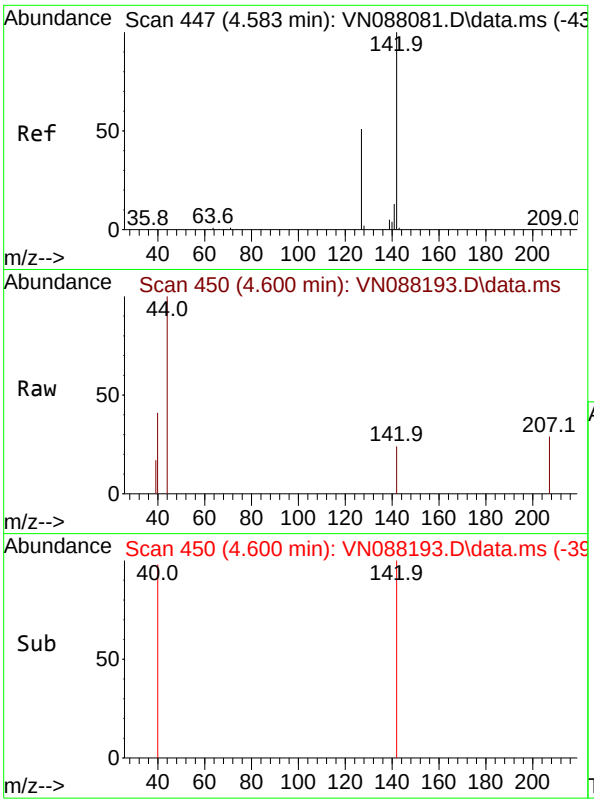


#5
Bromomethane
Concen: 0.441 ug/l
RT: 2.989 min Scan# 176
Delta R.T. 0.018 min
Lab File: VN088193.D
Acq: 31 Oct 2025 16:46

Tgt Ion: 94 Resp: 1009

Ion	Ratio	Lower	Upper
94	100		
96	81.9	75.4	113.2



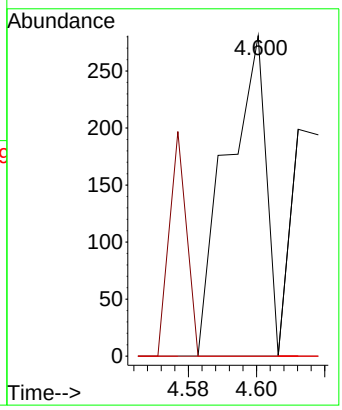


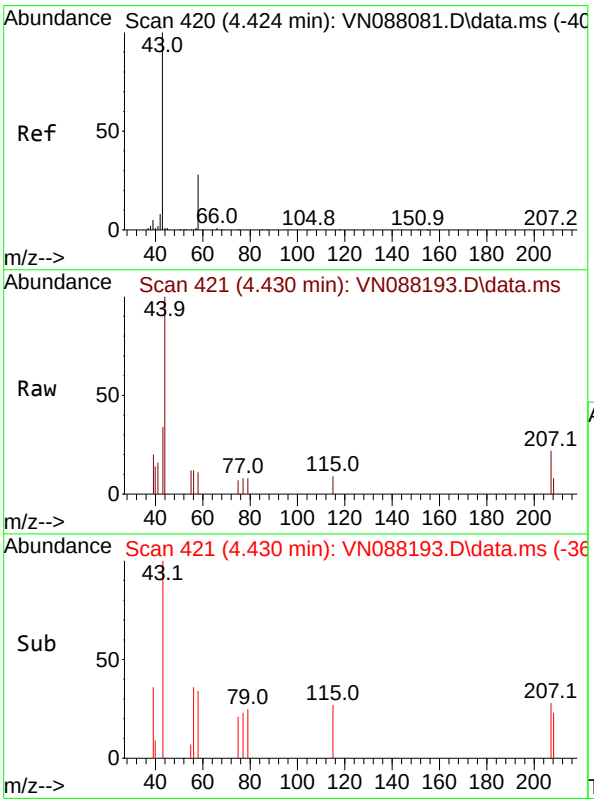
#10
Methyl Iodide
Concen: 4.277 ug/l
RT: 4.600 min Scan# 4
Delta R.T. 0.023 min
Lab File: VN088193.D
Acq: 31 Oct 2025 16:46

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion:142 Resp: 224

Ion	Ratio	Lower	Upper
142	100		
127	0.0	38.0	57.0#
141	0.0	12.0	18.0#

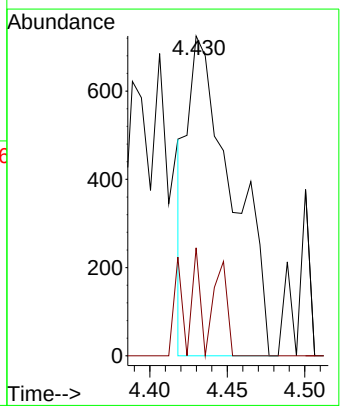


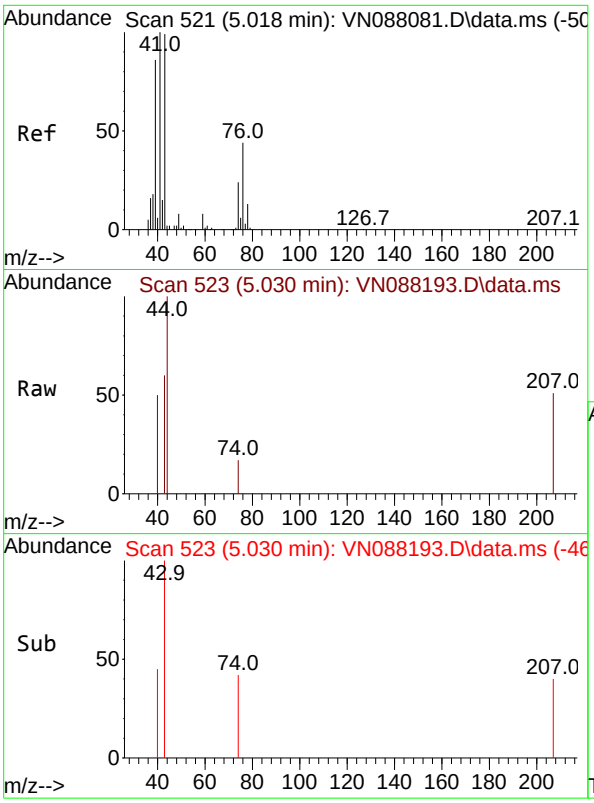


#16
Acetone
Concen: 0.640 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN088193.D
Acq: 31 Oct 2025 16:46

Tgt Ion: 43 Resp: 1469

Ion	Ratio	Lower	Upper
43	100		
58	33.8	22.6	33.8



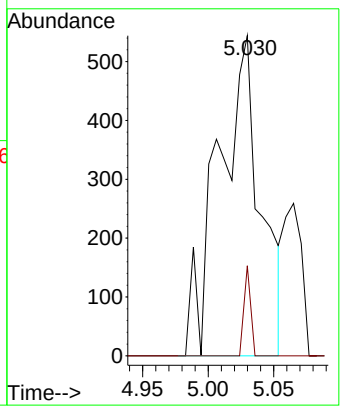


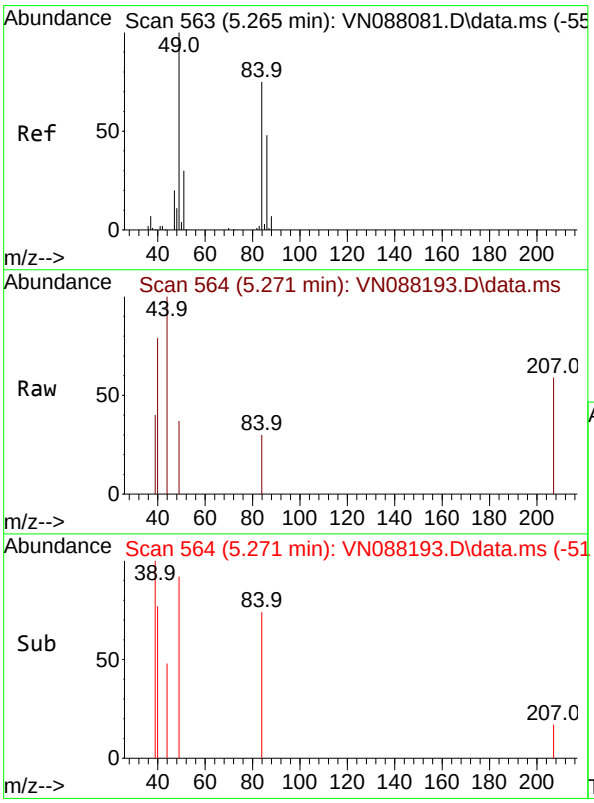
#18
Methyl Acetate
Concen: 0.257 ug/l
RT: 5.030 min Scan# 5
Delta R.T. 0.018 min
Lab File: VN088193.D
Acq: 31 Oct 2025 16:46

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion: 43 Resp: 1208

Ion	Ratio	Lower	Upper
43	100		
74	4.5	17.6	26.4#

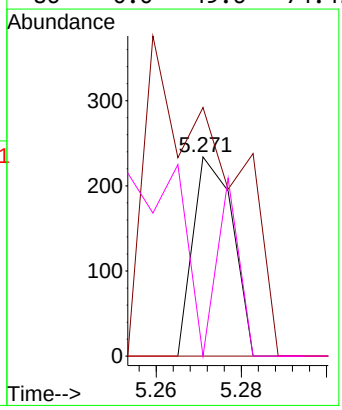


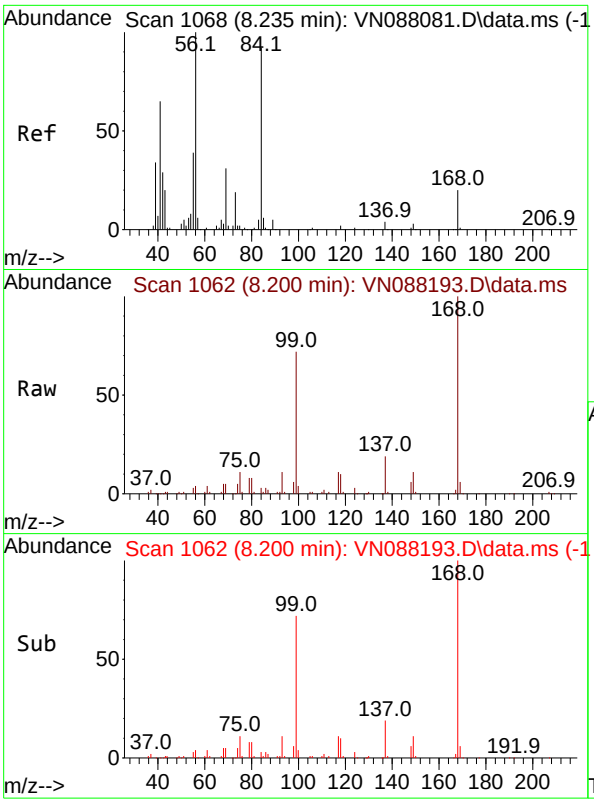


#20
Methylene Chloride
Concen: 0.815 ug/l
RT: 5.271 min Scan# 564
Delta R.T. 0.006 min
Lab File: VN088193.D
Acq: 31 Oct 2025 16:46

Tgt Ion: 84 Resp: 151

Ion	Ratio	Lower	Upper
84	100		
49	124.8	103.4	155.2
51	0.0	33.8	50.8#
86	0.0	49.6	74.4#



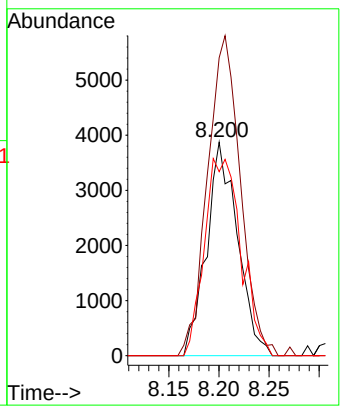


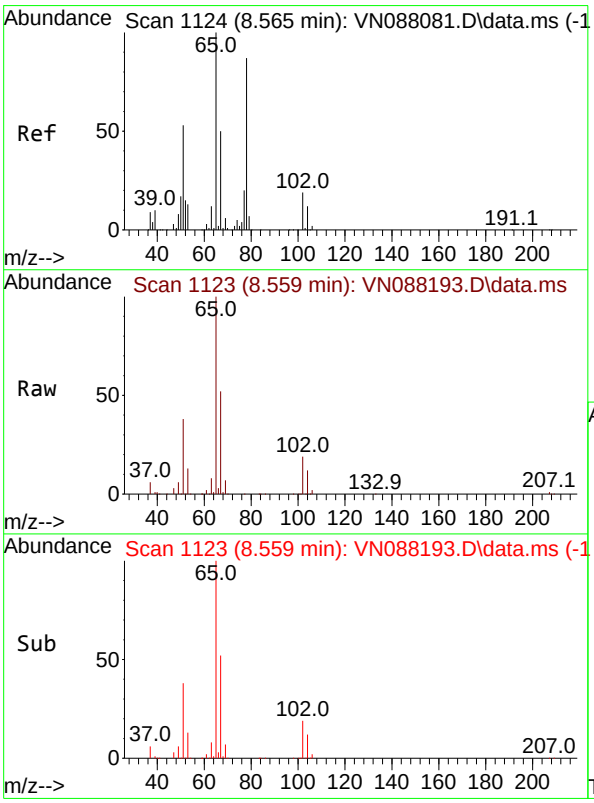
#31
Cyclohexane
Concen: 1.303 ug/l
RT: 8.200 min Scan# 1
Delta R.T. -0.035 min
Lab File: VN088193.D
Acq: 31 Oct 2025 16:46

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion: 56 Resp: 8336

Ion	Ratio	Lower	Upper
56	100		
69	139.5	23.7	35.5#
84	86.2	64.7	97.1

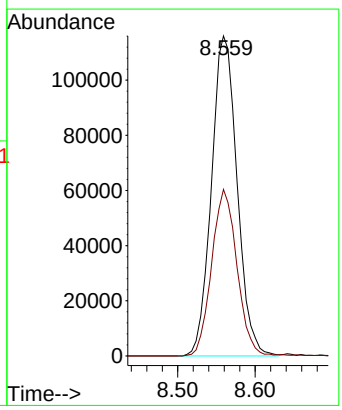


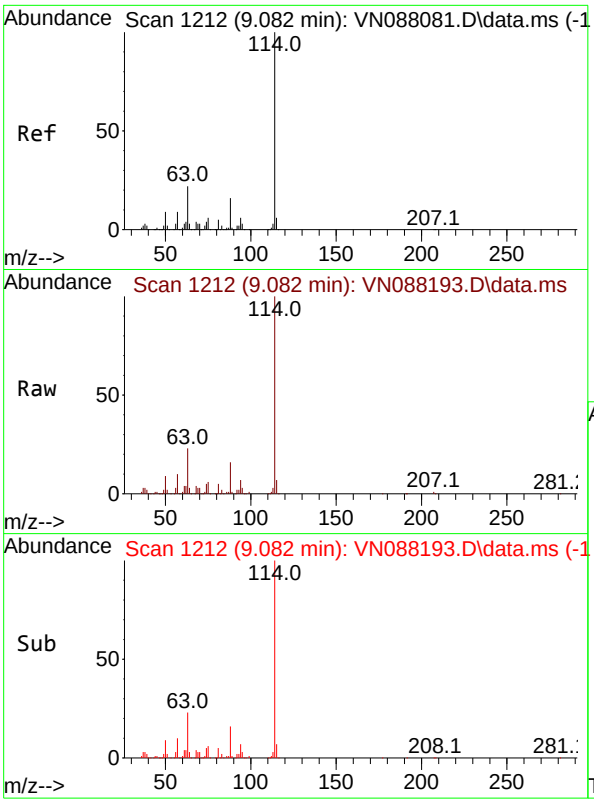


#33
1,2-Dichloroethane-d4
Concen: 58.543 ug/l
RT: 8.559 min Scan# 1123
Delta R.T. -0.000 min
Lab File: VN088193.D
Acq: 31 Oct 2025 16:46

Tgt Ion: 65 Resp: 267536

Ion	Ratio	Lower	Upper
65	100		
67	51.3	0.0	100.0



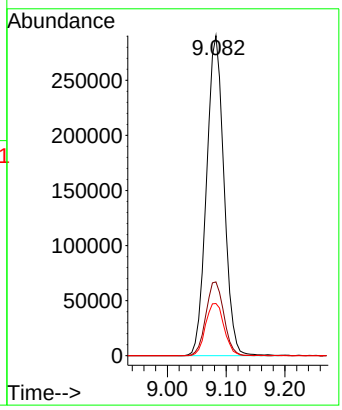


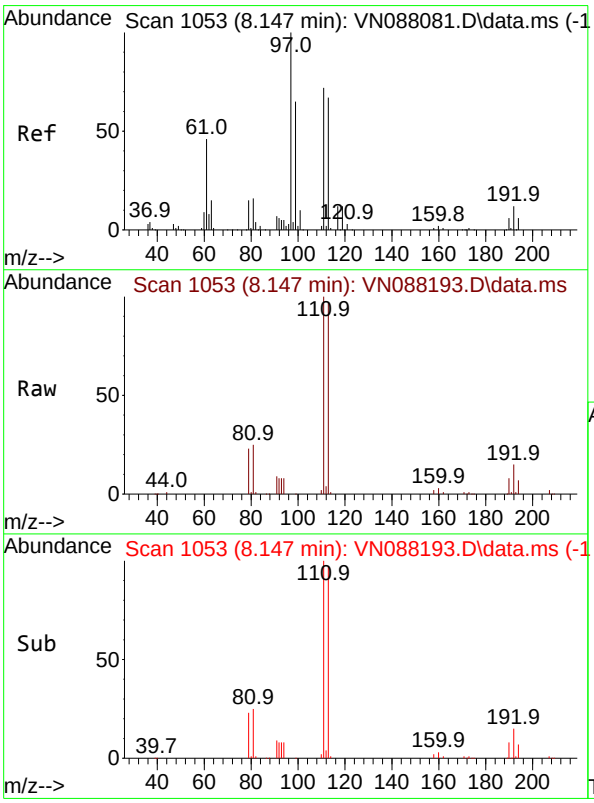
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.082 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN088193.D
Acq: 31 Oct 2025 16:46

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion:114 Resp: 598834

Ion	Ratio	Lower	Upper
114	100		
63	23.0	0.0	45.2
88	16.3	0.0	33.4

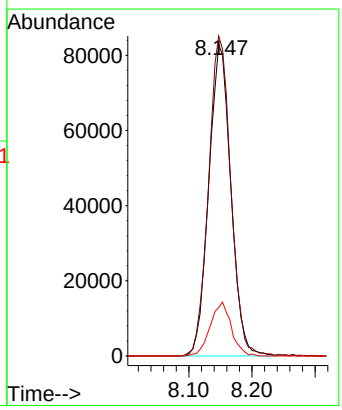


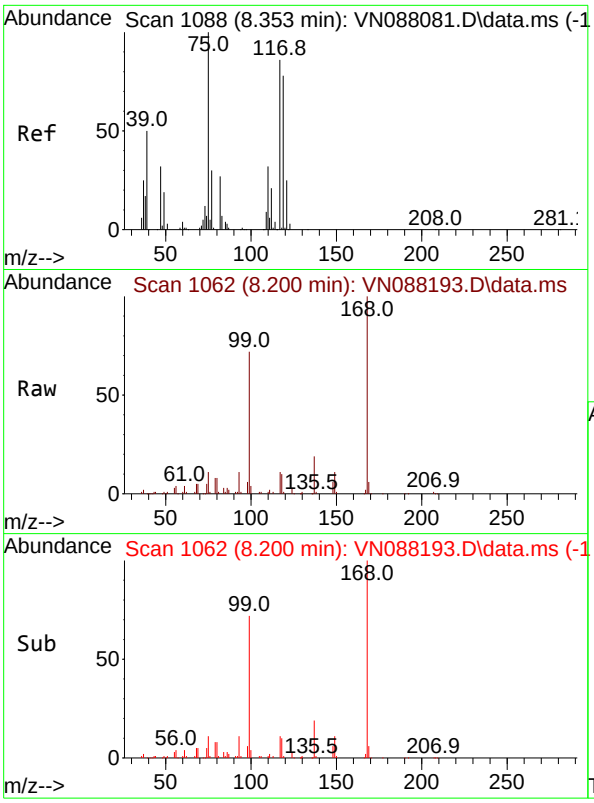


#35
Dibromofluoromethane
Concen: 50.072 ug/l
RT: 8.147 min Scan# 1053
Delta R.T. -0.006 min
Lab File: VN088193.D
Acq: 31 Oct 2025 16:46

Tgt Ion:113 Resp: 201439

Ion	Ratio	Lower	Upper
113	100		
111	103.3	82.8	124.2
192	16.5	12.8	19.2



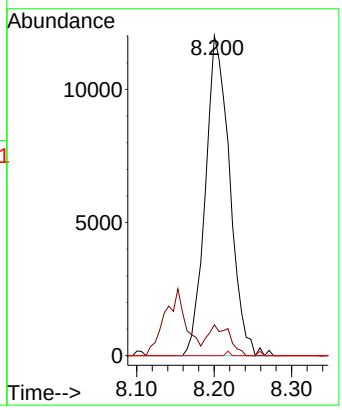


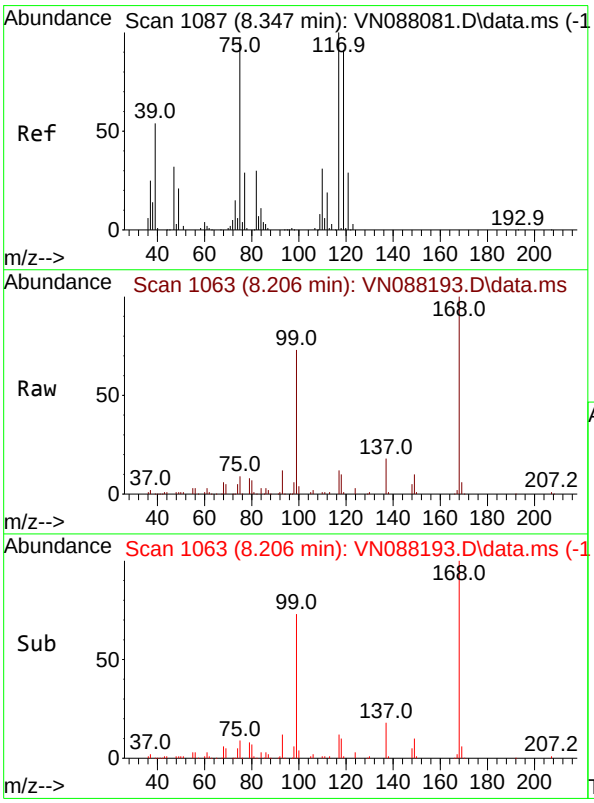
#36
1,1-Dichloropropene
Concen: 4.449 ug/l
RT: 8.200 min Scan# 1
Delta R.T. -0.153 min
Lab File: VN088193.D
Acq: 31 Oct 2025 16:46

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion: 75 Resp: 26132

Ion	Ratio	Lower	Upper
75	100		
110	8.7	15.9	47.6#
77	0.2	24.4	36.6#

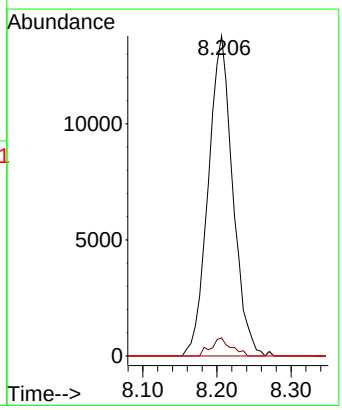


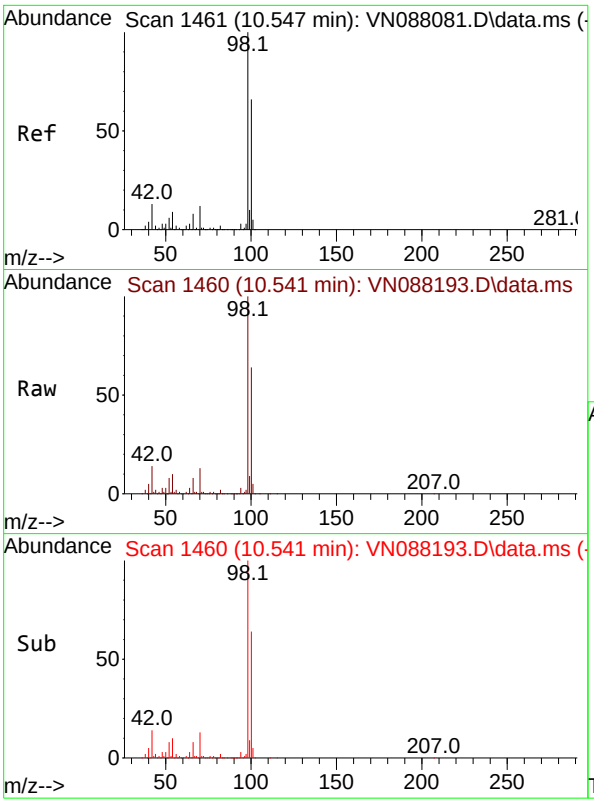


#38
Carbon Tetrachloride
Concen: 5.219 ug/l
RT: 8.206 min Scan# 1063
Delta R.T. -0.135 min
Lab File: VN088193.D
Acq: 31 Oct 2025 16:46

Tgt Ion:117 Resp: 31665

Ion	Ratio	Lower	Upper
117	100		
119	5.7	79.0	118.6#
121	0.0	25.0	37.6#



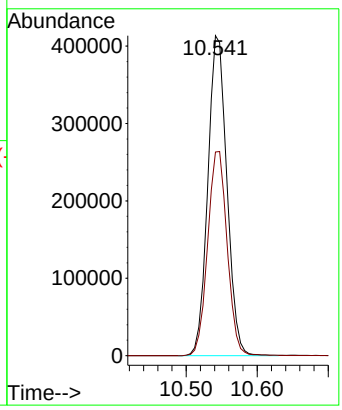


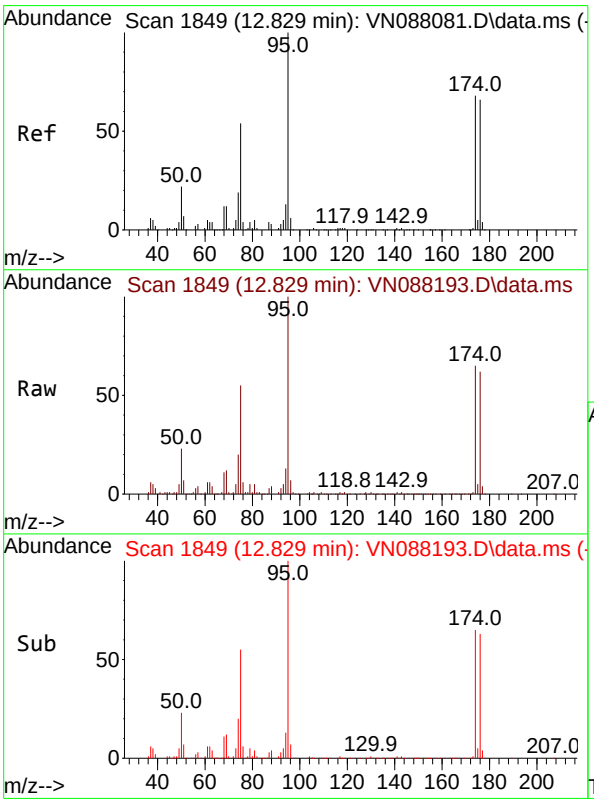
#50
Toluene-d8
Concen: 49.601 ug/l
RT: 10.541 min Scan# 14
Delta R.T. -0.006 min
Lab File: VN088193.D
Acq: 31 Oct 2025 16:46

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion: 98 Resp: 768885

Ion	Ratio	Lower	Upper
98	100		
100	65.4	52.8	79.2

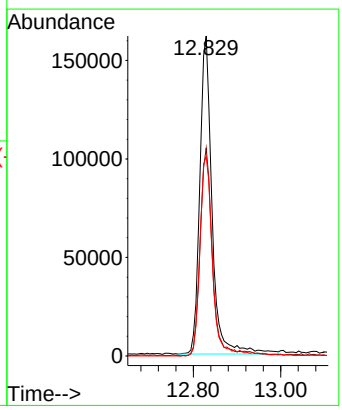


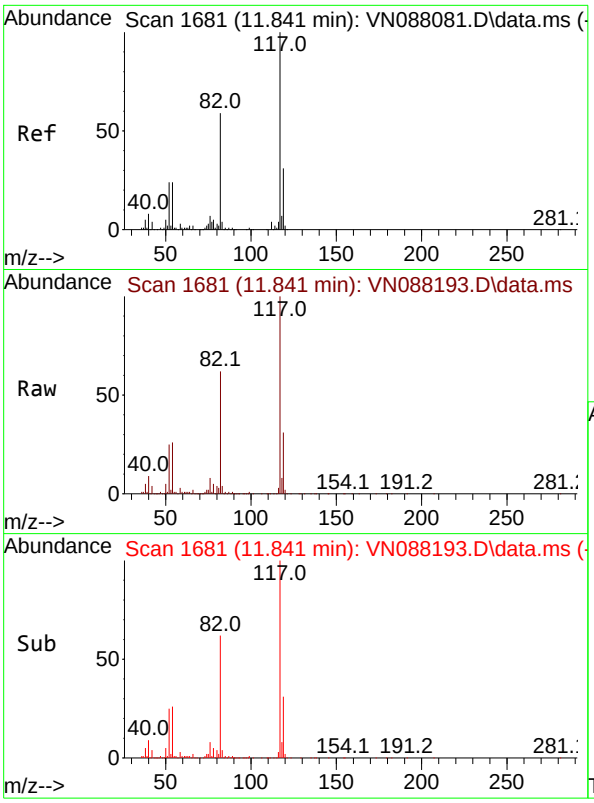


#62
4-Bromofluorobenzene
Concen: 57.630 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.006 min
Lab File: VN088193.D
Acq: 31 Oct 2025 16:46

Tgt Ion: 95 Resp: 315493

Ion	Ratio	Lower	Upper
95	100		
174	63.9	0.0	138.4
176	65.1	0.0	132.6



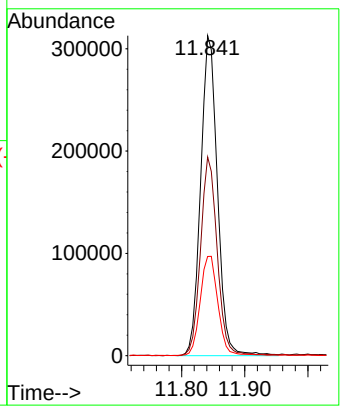


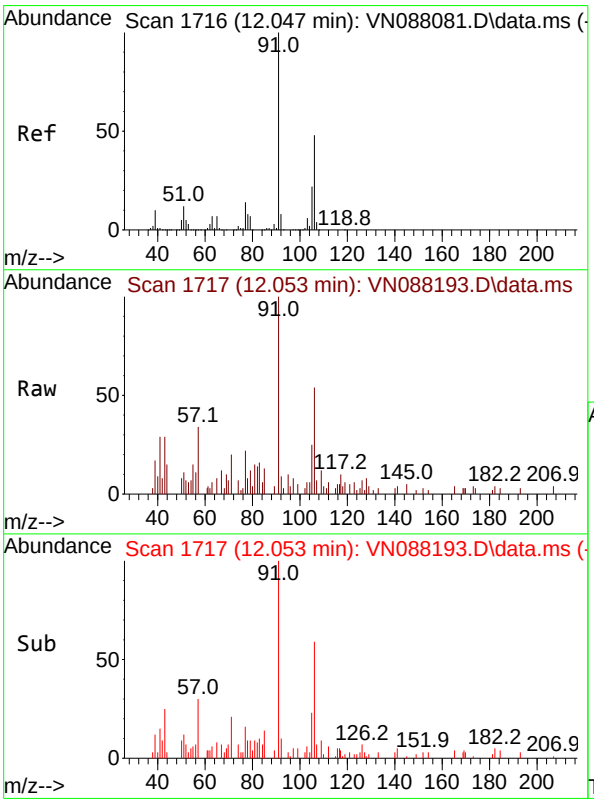
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.841 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN088193.D
Acq: 31 Oct 2025 16:46

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion:117 Resp: 577940

Ion	Ratio	Lower	Upper
117	100		
82	62.1	47.4	71.2
119	30.9	24.3	36.5

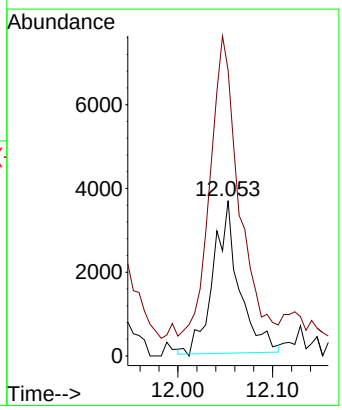


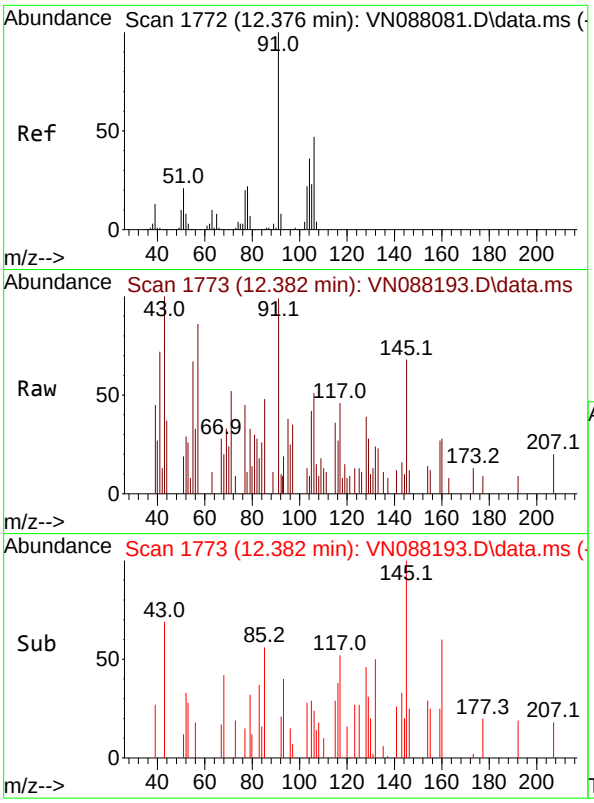


#68
m/p-Xylenes
Concen: 0.799 ug/l
RT: 12.053 min Scan# 1717
Delta R.T. 0.006 min
Lab File: VN088193.D
Acq: 31 Oct 2025 16:46

Tgt Ion:106 Resp: 6899

Ion	Ratio	Lower	Upper
106	100		
91	233.6	169.3	253.9



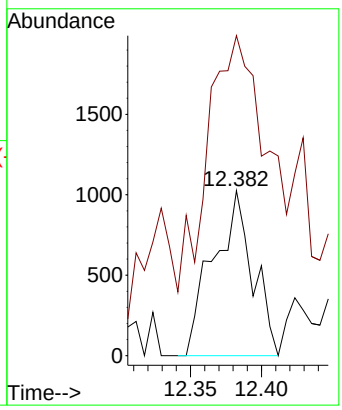


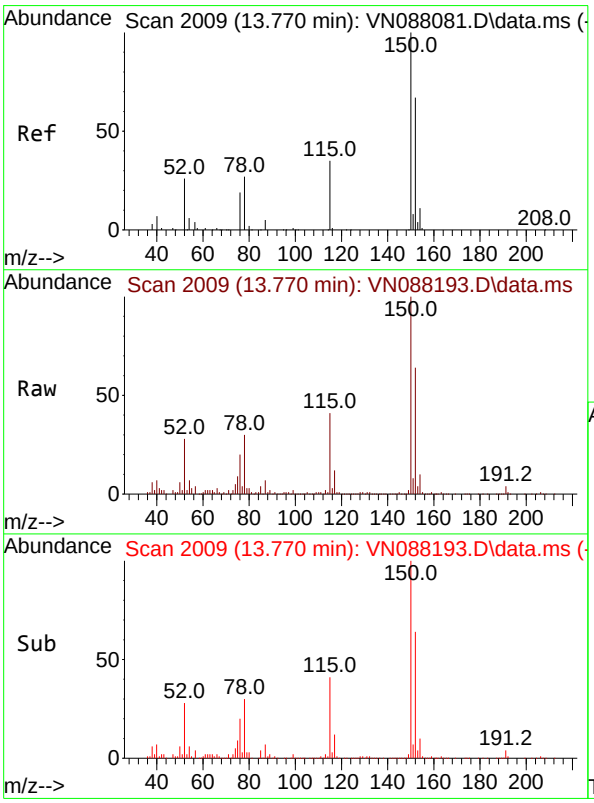
#69
o-Xylene
Concen: 0.242 ug/l
RT: 12.382 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN088193.D
Acq: 31 Oct 2025 16:46

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion:106 Resp: 1980

Ion	Ratio	Lower	Upper
106	100		
91	225.4	111.4	334.2

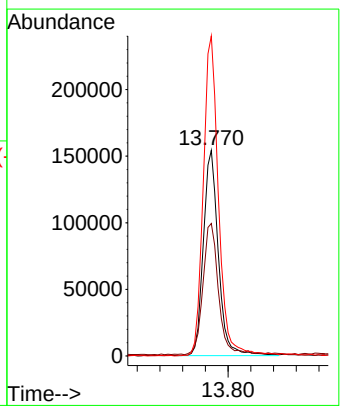


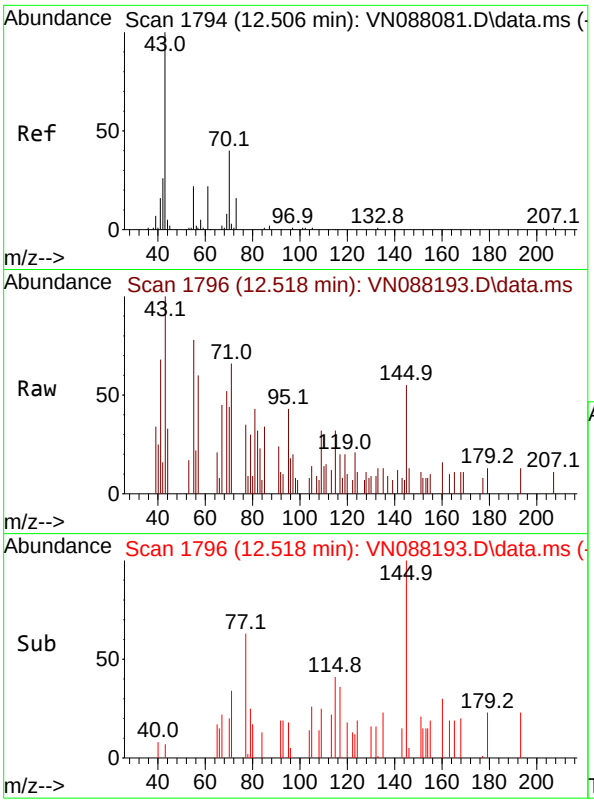


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.770 min Scan# 2009
Delta R.T. 0.006 min
Lab File: VN088193.D
Acq: 31 Oct 2025 16:46

Tgt Ion:152 Resp: 282587

Ion	Ratio	Lower	Upper
152	100		
115	65.9	32.3	96.8
150	158.1	0.0	351.0



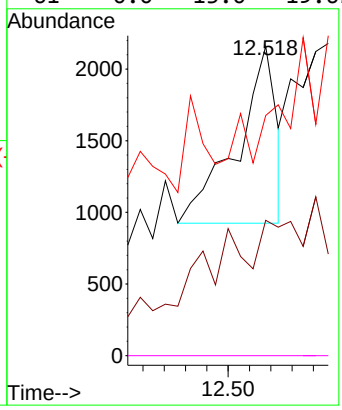


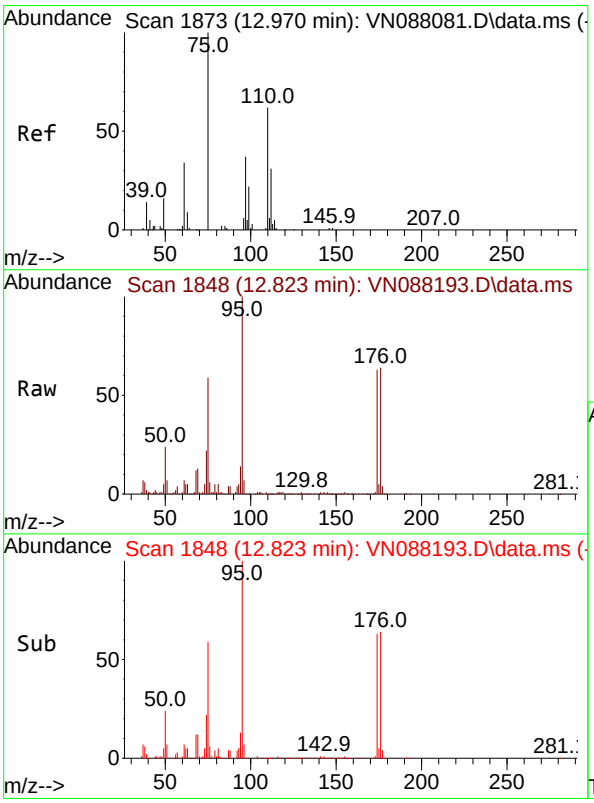
#74
N-amyl acetate
Concen: 0.256 ug/l
RT: 12.518 min Scan# 1
Delta R.T. 0.018 min
Lab File: VN088193.D
Acq: 31 Oct 2025 16:46

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion: 43 Resp: 1581

Ion	Ratio	Lower	Upper
43	100		
70	98.0	27.6	41.4#
55	0.0	13.0	19.6#
61	0.0	13.0	19.6#

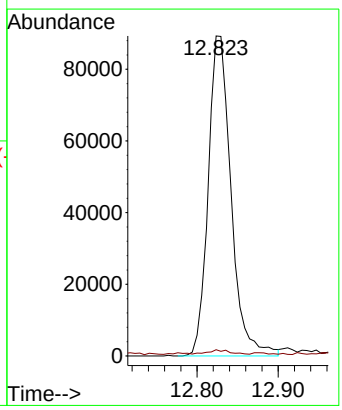


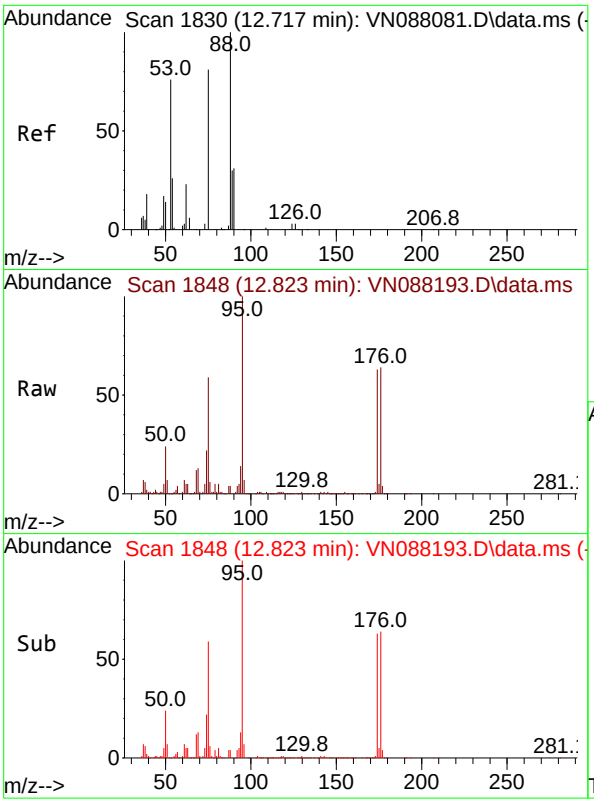


#76
1,2,3-Trichloropropane
Concen: 27.088 ug/l
RT: 12.823 min Scan# 1848
Delta R.T. -0.147 min
Lab File: VN088193.D
Acq: 31 Oct 2025 16:46

Tgt Ion: 75 Resp: 175008

Ion	Ratio	Lower	Upper
75	100		
77	1.3	89.1	267.4#



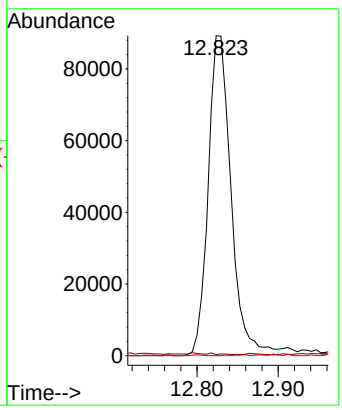


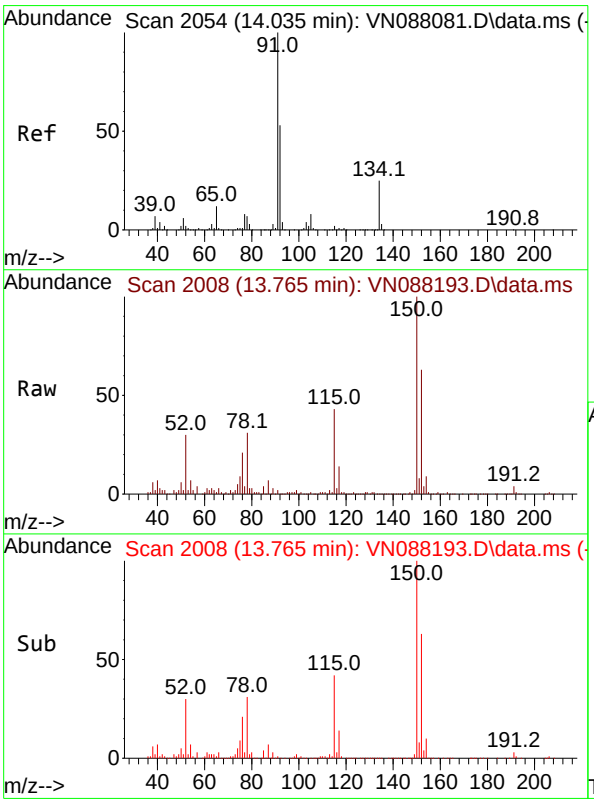
#81
trans-1,4-Dichloro-2-butene
Concen: 75.562 ug/l
RT: 12.823 min Scan# 1
Delta R.T. 0.106 min
Lab File: VN088193.D
Acq: 31 Oct 2025 16:46

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion: 75 Resp: 175008

Ion	Ratio	Lower	Upper
75	100		
53	0.0	101.8	152.6#
89	0.0	35.6	53.4#

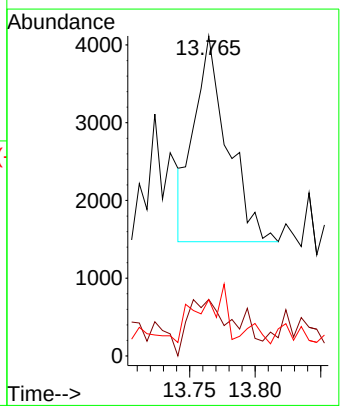


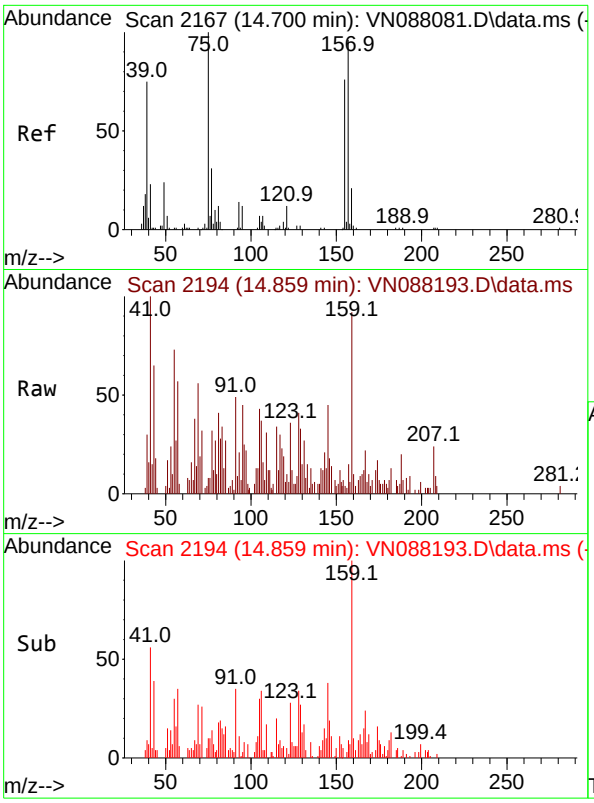


#89
n-Butylbenzene
Concen: 0.247 ug/l
RT: 13.765 min Scan# 2008
Delta R.T. -0.265 min
Lab File: VN088193.D
Acq: 31 Oct 2025 16:46

Tgt Ion: 91 Resp: 4671

Ion	Ratio	Lower	Upper
91	100		
92	40.2	25.9	77.8
134	13.6	11.7	35.0



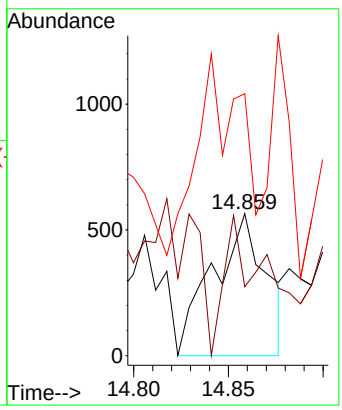


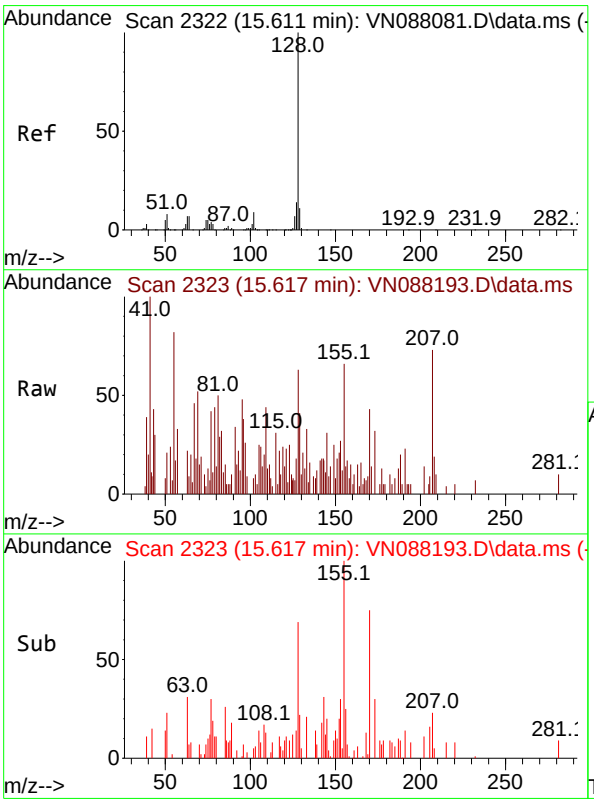
#92
1,2-Dibromo-3-Chloropropane
Concen: 0.692 ug/l
RT: 14.859 min Scan# 21
Delta R.T. 0.159 min
Lab File: VN088193.D
Acq: 31 Oct 2025 16:46

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion: 75 Resp: 1093

Ion	Ratio	Lower	Upper
75	100		
155	46.8	36.6	109.9
157	120.7	45.6	136.9





#95
Naphthalene
Concen: 0.296 ug/l
RT: 15.617 min Scan# 2323
Delta R.T. 0.006 min
Lab File: VN088193.D
Acq: 31 Oct 2025 16:46

Tgt Ion:128 Resp: 5549

Ion	Ratio	Lower	Upper
128	100		
127	14.6	10.6	15.8
129	26.8	8.6	12.8#