Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111025\
Data File : VN088240.D
Acq On : 10 Nov 2025 15:05
Operator : JC\MD
Sample : Q3590-04
Misc : 3.49g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MOO-25-0317-0318-COMP

Quant Time: Nov 11 03:53:48 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102325W.M
Quant Title : SW846 8260
QLast Update : Mon Nov 03 01:16:06 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.200	168	193524	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.077	114	432300	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	401017	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	183020	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	202504	60.513	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 121.020%			
35) Dibromofluoromethane	8.141	113	151009	51.996	ug/l	-0.01
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.000%			
50) Toluene-d8	10.547	98	554128	49.518	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 99.040%			
62) 4-Bromofluorobenzene	12.829	95	191812	48.535	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 97.060%			
Target Compounds						Qvalue
3) Chloromethane	2.377	50	874	0.340	ug/l	92
5) Bromomethane	2.959	94	621	0.371	ug/l #	27
10) Methyl Iodide	4.571	142	4274	2.031	ug/l #	86
11) Tert butyl alcohol	5.483	59	4762	8.260	ug/l #	71
13) Acrolein	4.177	56	522	0.805	ug/l #	75
16) Acetone	4.412	43	598	0.356	ug/l #	47
18) Methyl Acetate	5.030	43	2947	0.856	ug/l #	61
20) Methylene Chloride	5.259	84	889	0.315	ug/l #	31
29) Tetrahydrofuran	7.847	42	812	0.562	ug/l #	69
31) Cyclohexane	8.194	56	6428	1.372	ug/l #	15
36) 1,1-Dichloropropene	8.194	75	19120	4.509	ug/l #	53
38) Carbon Tetrachloride	8.200	117	22561	5.151	ug/l #	17
59) 2-Hexanone	11.053	43	990	0.300	ug/l	89
68) m/p-Xylenes	12.047	106	1797	0.300	ug/l	97
76) 1,2,3-Trichloropropane	12.829	75	113091	27.027	ug/l #	1
80) 1,3,5-Trimethylbenzene	13.147	105	2798	0.239	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.829	75	113091	75.392	ug/l #	1
84) 1,2,4-Trimethylbenzene	13.465	105	4967	0.423	ug/l	90
86) p-Isopropyltoluene	13.700	119	3478	0.282	ug/l #	67
89) n-Butylbenzene	14.029	91	2534	0.207	ug/l #	78
90) Hexachloroethane	14.306	117	804	0.336	ug/l #	22
93) 1,2,4-Trichlorobenzene	15.382	180	1729	0.487	ug/l	91
94) Hexachlorobutadiene	15.476	225	1261	0.955	ug/l	84
95) Naphthalene	15.629	128	7929	0.652	ug/l #	94
96) 1,2,3-Trichlorobenzene	15.817	180	2395	0.704	ug/l #	55

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111025\
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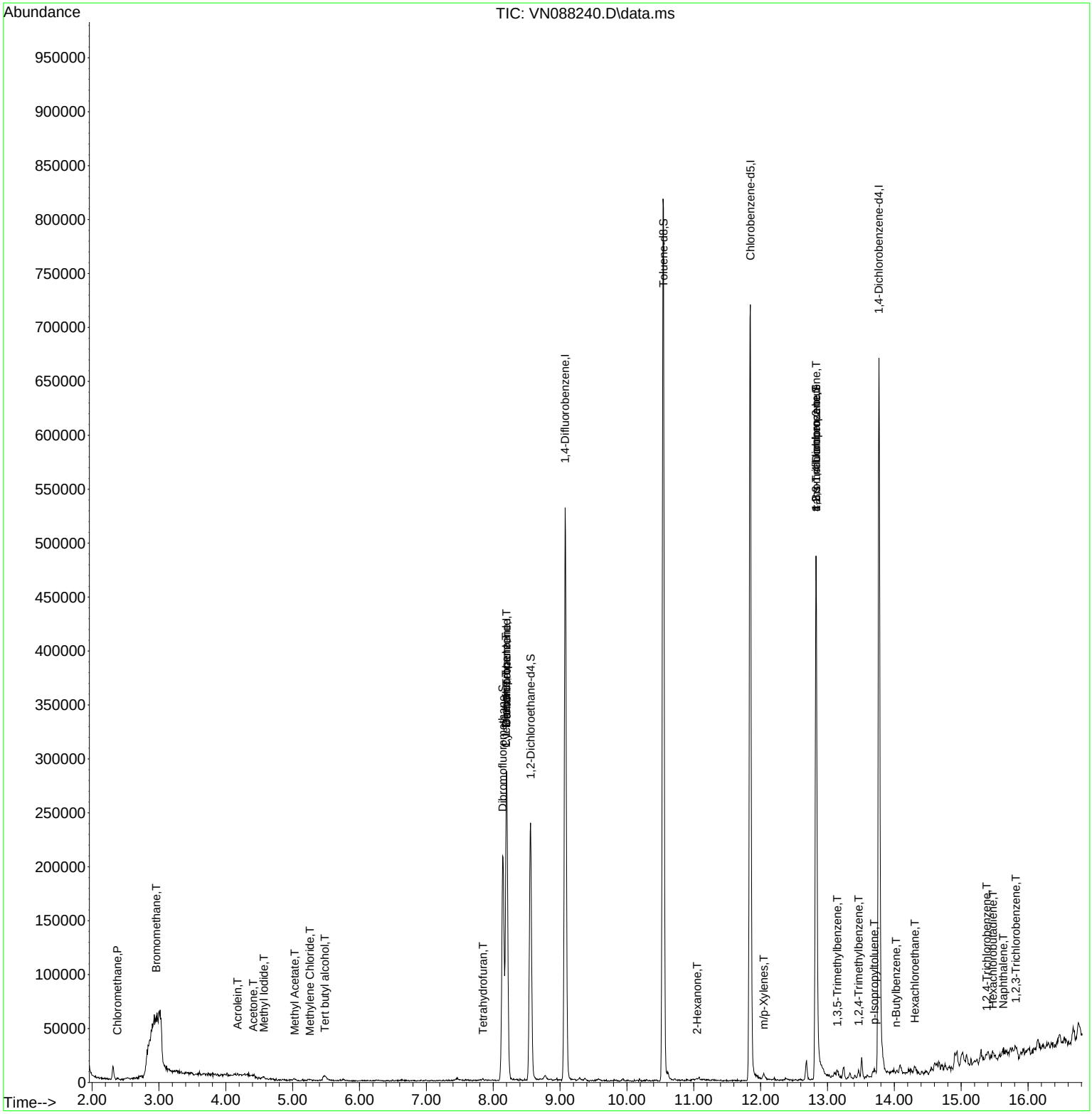
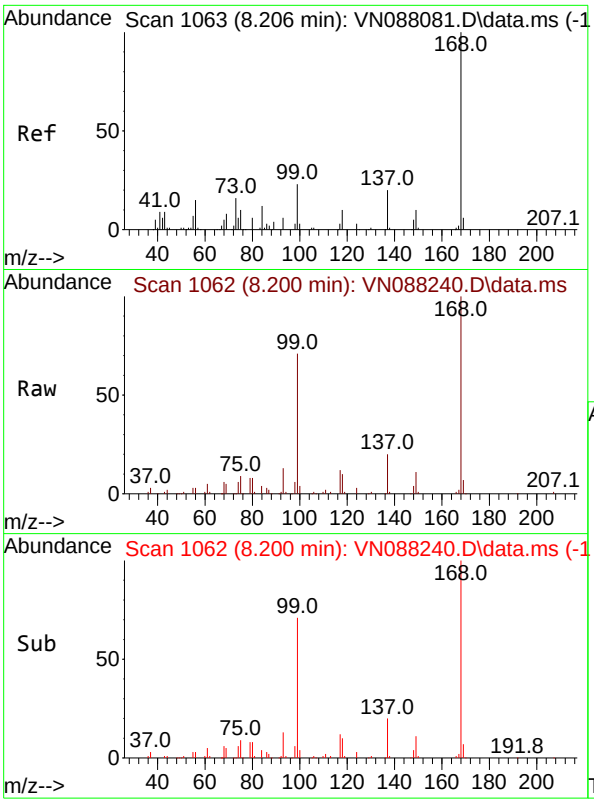
Operator : JC\MD
Sample : Q3590-04
Misc : 3.49g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MOO-25-0317-0318-COMP

Quant Time: Nov 11 03:53:48 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102325W.M
Quant Title : SW846 8260
QLast Update : Mon Nov 03 01:16:06 2025
Response via : Initial Calibration



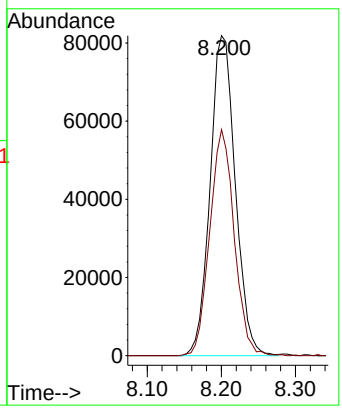


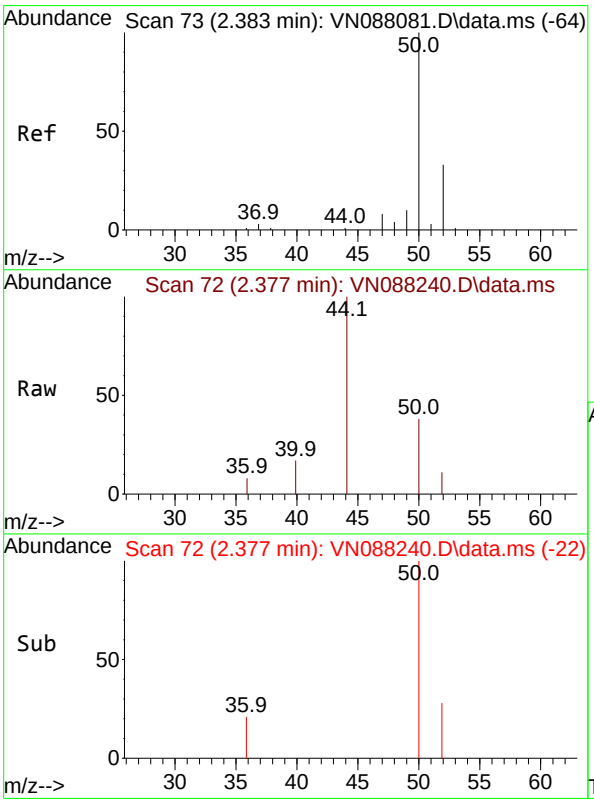
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.200 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN088240.D
Acq: 10 Nov 2025 15:05

Instrument :
MSVOA_N
ClientSampleId :
MOO-25-0317-0318-COMP

Tgt Ion:168 Resp: 193524

Ion	Ratio	Lower	Upper
168	100		
99	70.7	57.2	85.8

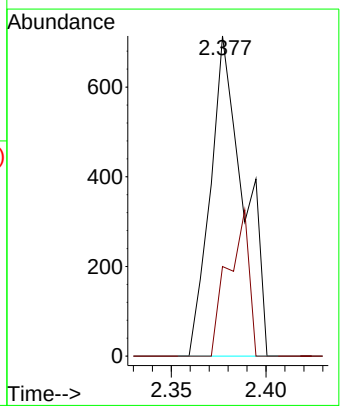


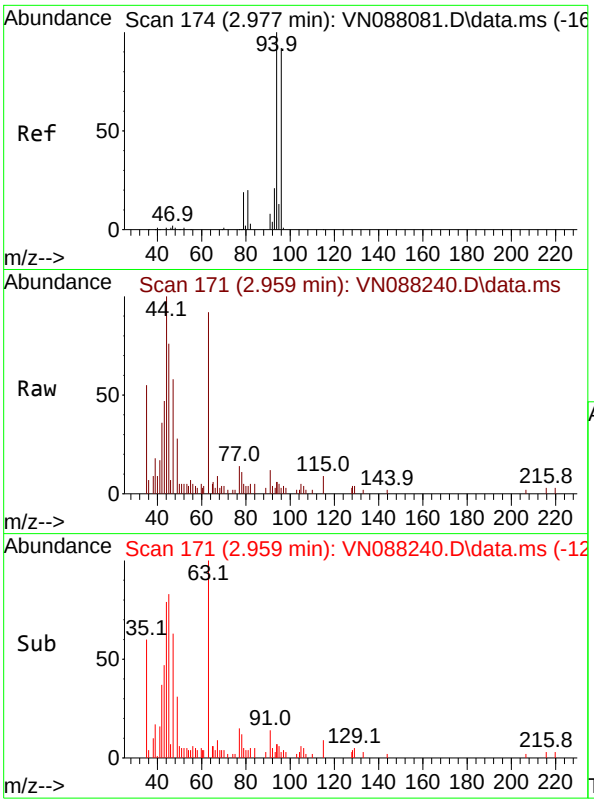


#3
Chloromethane
Concen: 0.340 ug/l
RT: 2.377 min Scan# 72
Delta R.T. -0.006 min
Lab File: VN088240.D
Acq: 10 Nov 2025 15:05

Tgt Ion: 50 Resp: 874

Ion	Ratio	Lower	Upper
50	100		
52	28.0	26.2	39.4



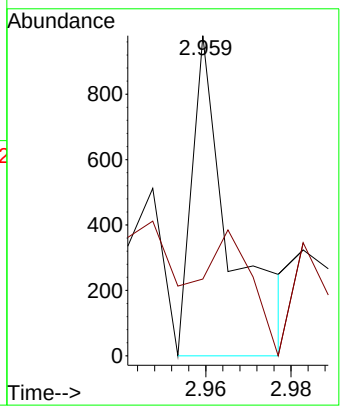


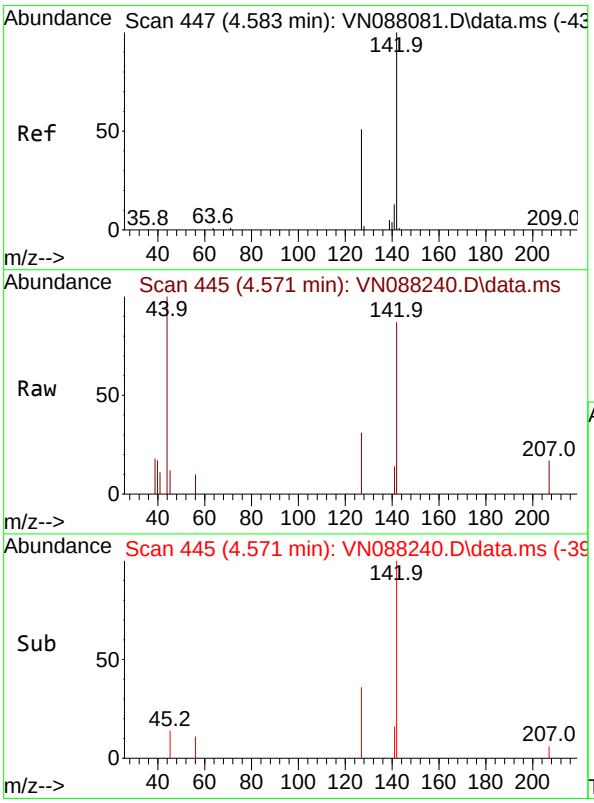
#5
Bromomethane
Concen: 0.371 ug/l
RT: 2.959 min Scan# 1
Delta R.T. -0.012 min
Lab File: VN088240.D
Acq: 10 Nov 2025 15:05

Instrument :
MSVOA_N
ClientSampleId :
MOO-25-0317-0318-COMP

Tgt Ion: 94 Resp: 621

Ion	Ratio	Lower	Upper
94	100		
96	24.0	75.4	113.2#

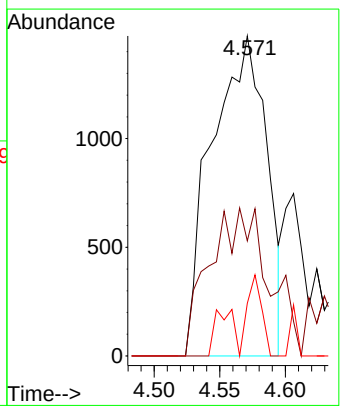


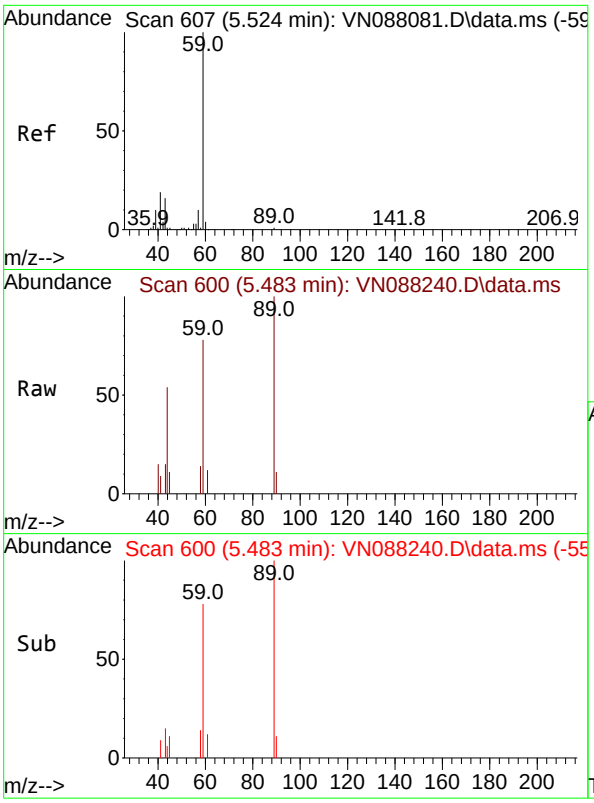


#10
Methyl Iodide
Concen: 2.031 ug/l
RT: 4.571 min Scan# 445
Delta R.T. -0.006 min
Lab File: VN088240.D
Acq: 10 Nov 2025 15:05

Tgt Ion:142 Resp: 4274

Ion	Ratio	Lower	Upper
142	100		
127	35.9	38.0	57.0#
141	16.4	12.0	18.0



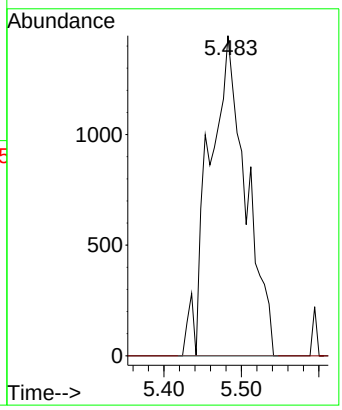


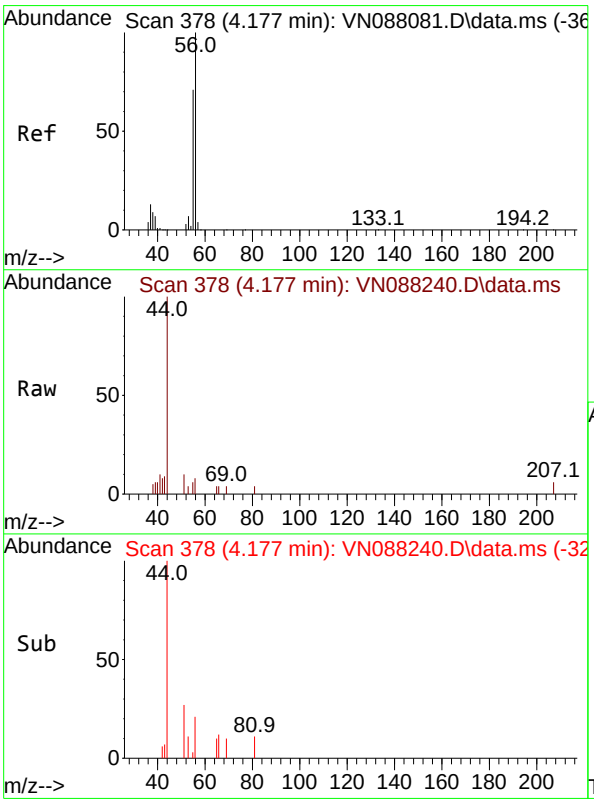
#11
Tert butyl alcohol
Concen: 8.260 ug/l
RT: 5.483 min Scan# 6
Delta R.T. -0.035 min
Lab File: VN088240.D
Acq: 10 Nov 2025 15:05

Instrument :
MSVOA_N
ClientSampleId :
MOO-25-0317-0318-COMP

Tgt Ion: 59 Resp: 4762

Ion	Ratio	Lower	Upper
59	100		
57	0.0	9.0	13.4#

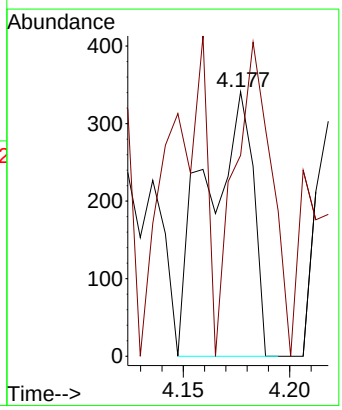


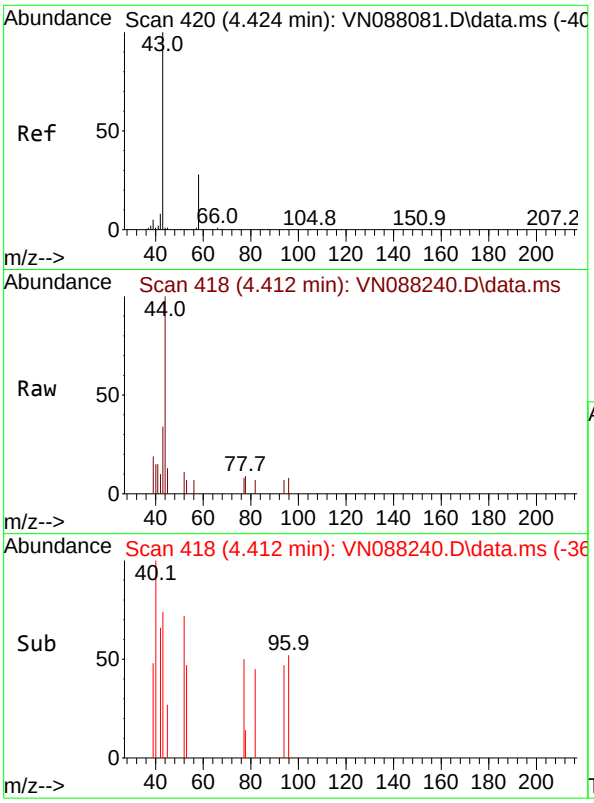


#13
Acrolein
Concen: 0.805 ug/l
RT: 4.177 min Scan# 378
Delta R.T. 0.006 min
Lab File: VN088240.D
Acq: 10 Nov 2025 15:05

Tgt Ion: 56 Resp: 522

Ion	Ratio	Lower	Upper
56	100		
55	92.5	57.3	85.9#



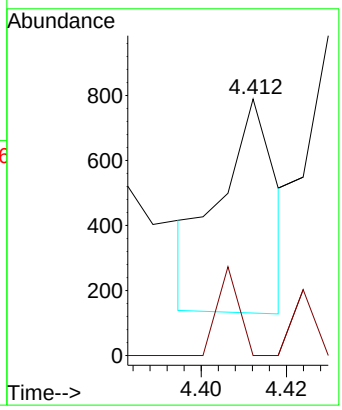


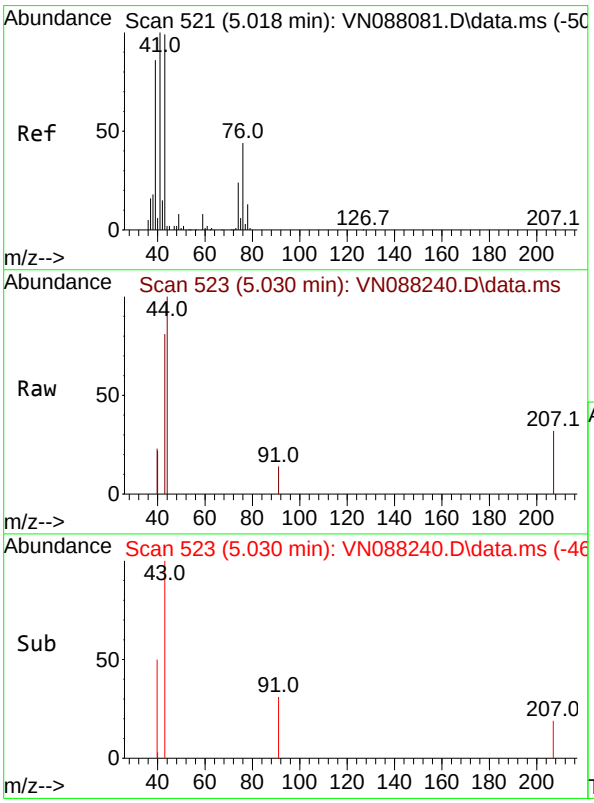
#16
Acetone
Concen: 0.356 ug/l
RT: 4.412 min Scan# 41
Delta R.T. -0.012 min
Lab File: VN088240.D
Acq: 10 Nov 2025 15:05

Instrument :
MSVOA_N
ClientSampleId :
MOO-25-0317-0318-COMP

Tgt Ion: 43 Resp: 598

Ion	Ratio	Lower	Upper
43	100		
58	0.0	22.6	33.8#

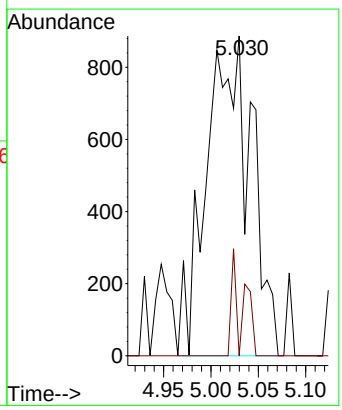


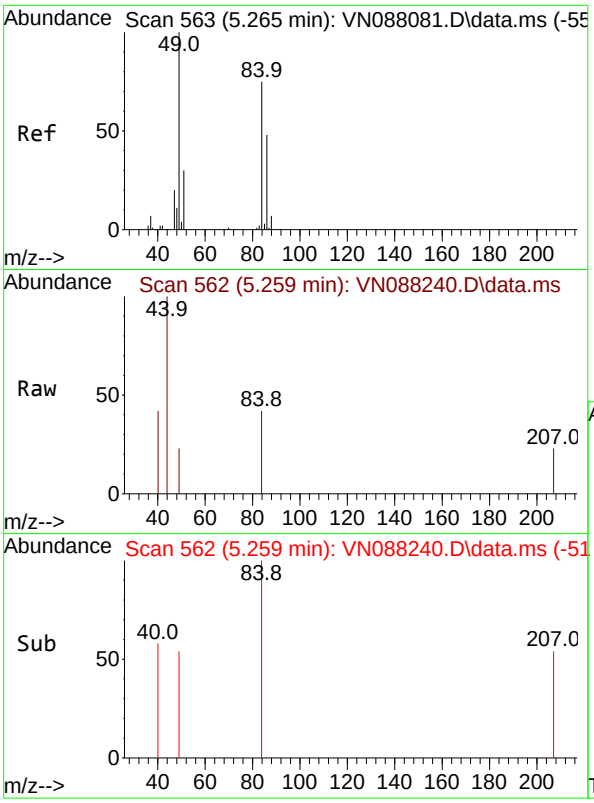


#18
Methyl Acetate
Concen: 0.856 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.018 min
Lab File: VN088240.D
Acq: 10 Nov 2025 15:05

Tgt Ion: 43 Resp: 2947

Ion	Ratio	Lower	Upper
43	100		
74	3.6	17.6	26.4#



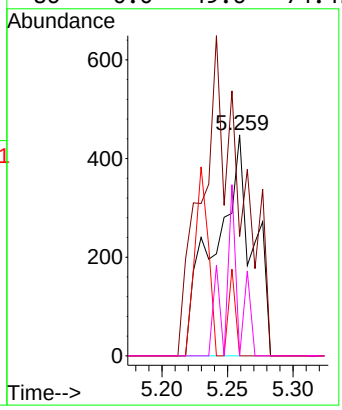


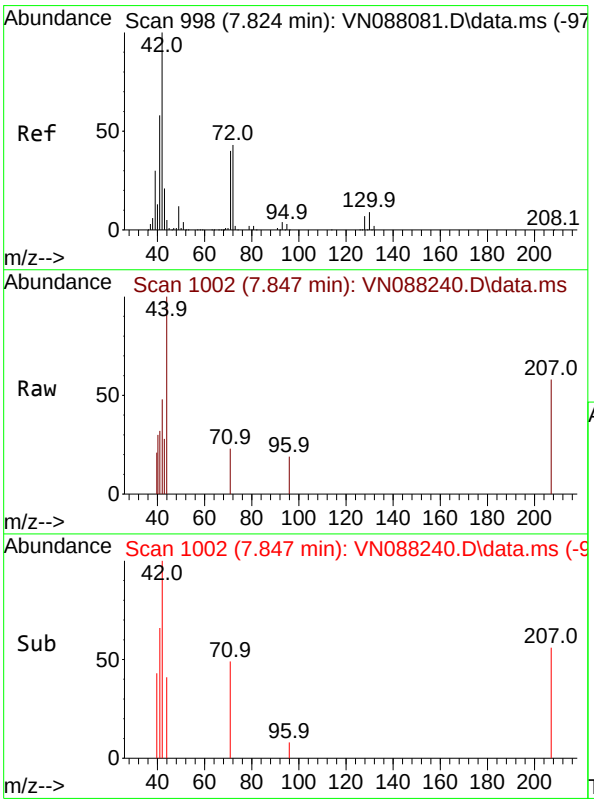
#20
Methylene Chloride
Concen: 0.315 ug/l
RT: 5.259 min Scan# 5
Delta R.T. -0.006 min
Lab File: VN088240.D
Acq: 10 Nov 2025 15:05

Instrument :
MSVOA_N
ClientSampleId :
MOO-25-0317-0318-COMP

Tgt Ion: 84 Resp: 889

Ion	Ratio	Lower	Upper
84	100		
49	54.0	103.4	155.2#
51	0.0	33.8	50.8#
86	0.0	49.6	74.4#

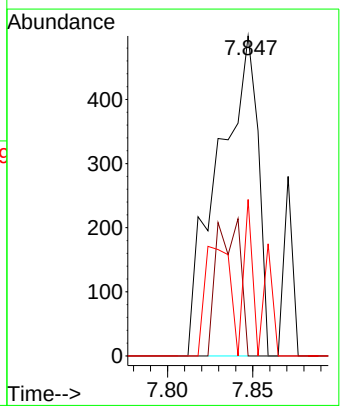


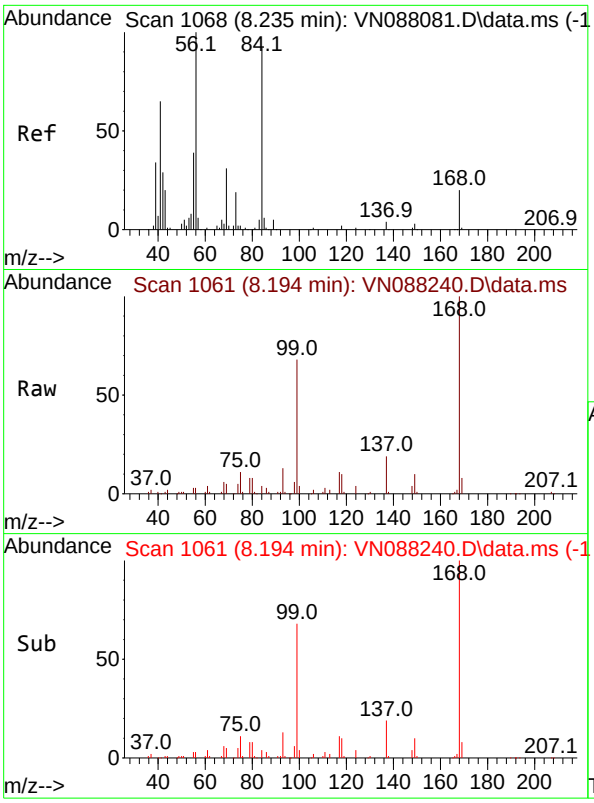


#29
Tetrahydrofuran
Concen: 0.562 ug/l
RT: 7.847 min Scan# 1002
Delta R.T. 0.023 min
Lab File: VN088240.D
Acq: 10 Nov 2025 15:05

Tgt Ion: 42 Resp: 812

Ion	Ratio	Lower	Upper
42	100		
72	25.2	33.7	50.5#
71	18.2	31.9	47.9#



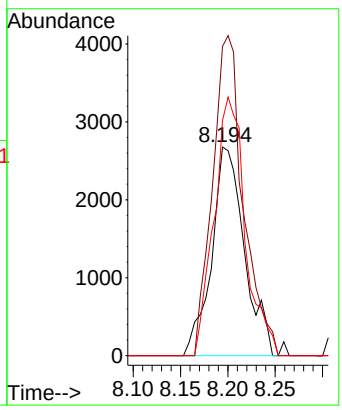


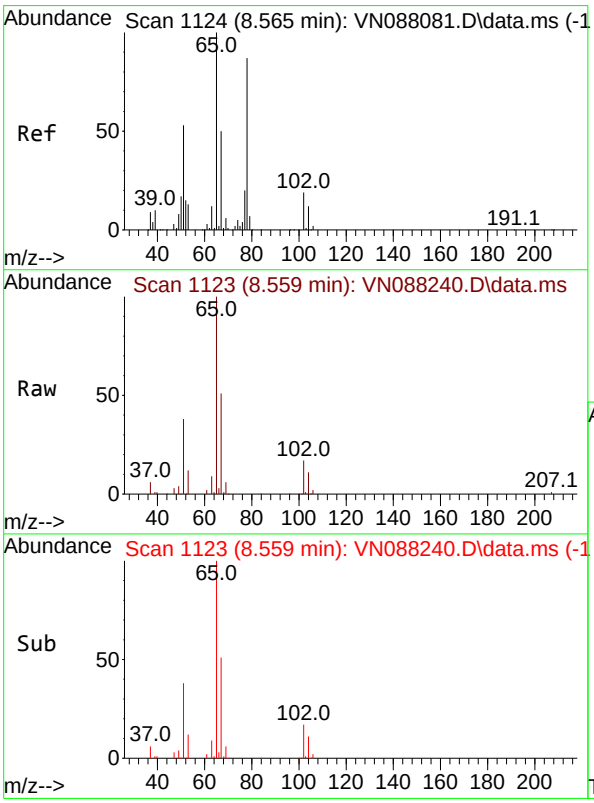
#31
Cyclohexane
Concen: 1.372 ug/l
RT: 8.194 min Scan# 1
Delta R.T. -0.041 min
Lab File: VN088240.D
Acq: 10 Nov 2025 15:05

Instrument :
MSVOA_N
ClientSampleId :
MOO-25-0317-0318-COMP

Tgt Ion: 56 Resp: 6428

Ion	Ratio	Lower	Upper
56	100		
69	148.2	23.7	35.5#
84	112.7	64.7	97.1#

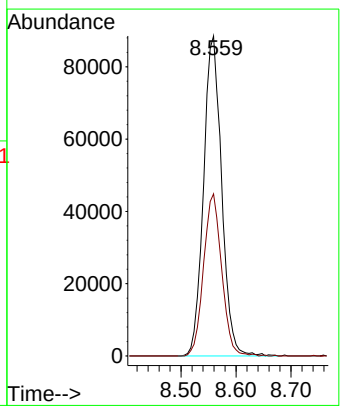


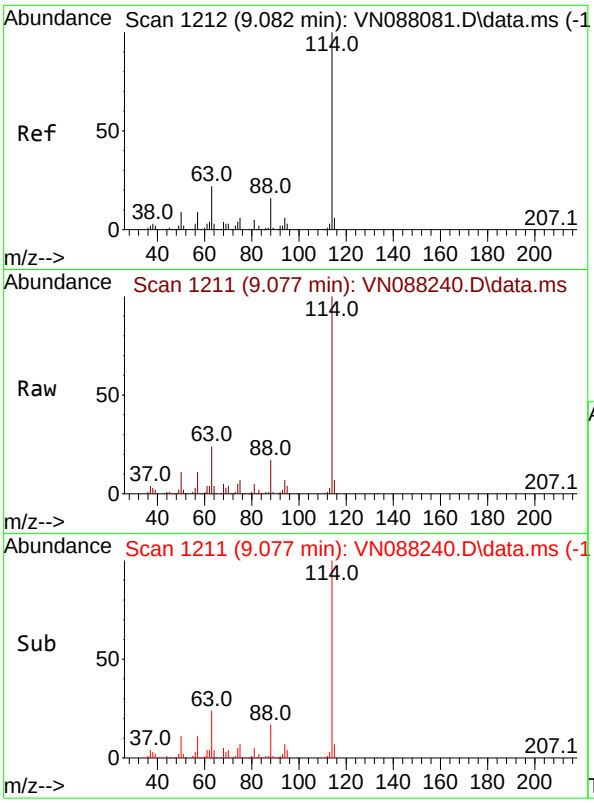


#33
1,2-Dichloroethane-d4
Concen: 60.513 ug/l
RT: 8.559 min Scan# 1123
Delta R.T. -0.000 min
Lab File: VN088240.D
Acq: 10 Nov 2025 15:05

Tgt Ion: 65 Resp: 202504

Ion	Ratio	Lower	Upper
65	100		
67	50.7	0.0	100.0



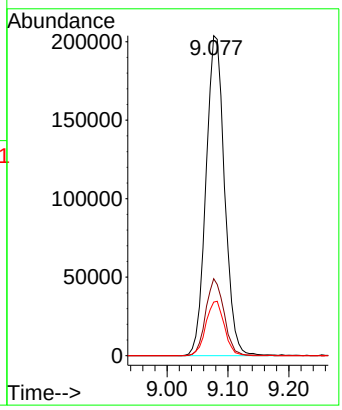


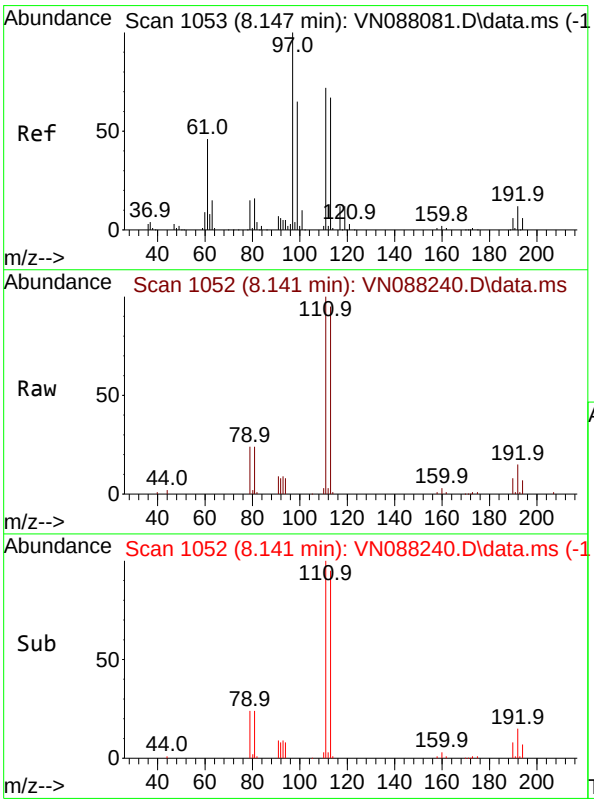
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.077 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN088240.D
Acq: 10 Nov 2025 15:05

Instrument :
MSVOA_N
ClientSampleId :
MOO-25-0317-0318-COMP

Tgt Ion:114 Resp: 432300

Ion	Ratio	Lower	Upper
114	100		
63	24.1	0.0	45.2
88	16.8	0.0	33.4

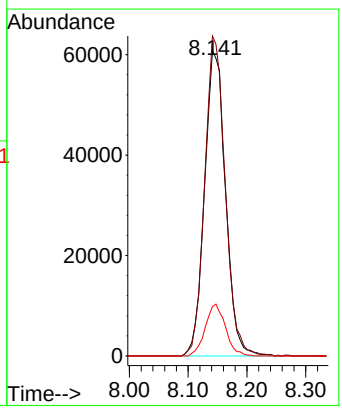


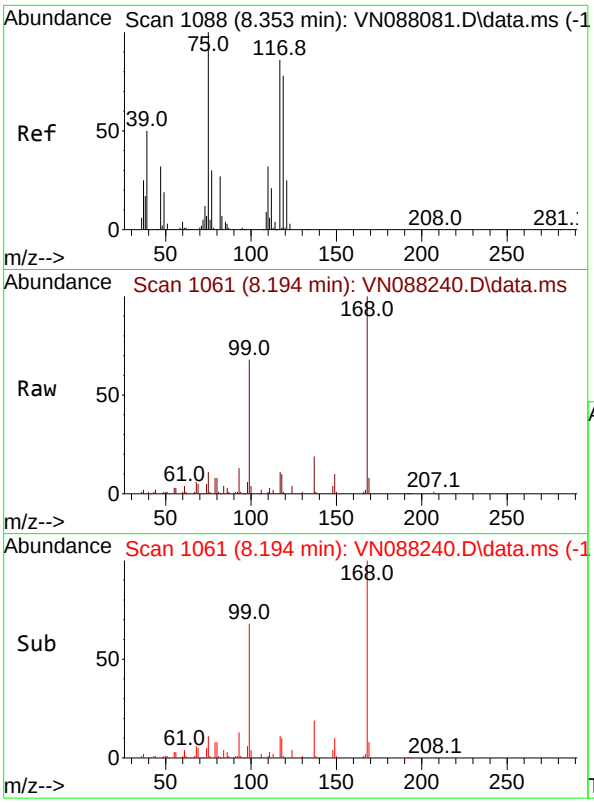


#35
Dibromofluoromethane
Concen: 51.996 ug/l
RT: 8.141 min Scan# 1052
Delta R.T. -0.012 min
Lab File: VN088240.D
Acq: 10 Nov 2025 15:05

Tgt Ion:113 Resp: 151009

Ion	Ratio	Lower	Upper
113	100		
111	102.4	82.8	124.2
192	16.3	12.8	19.2



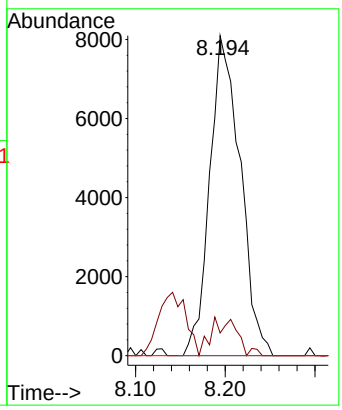


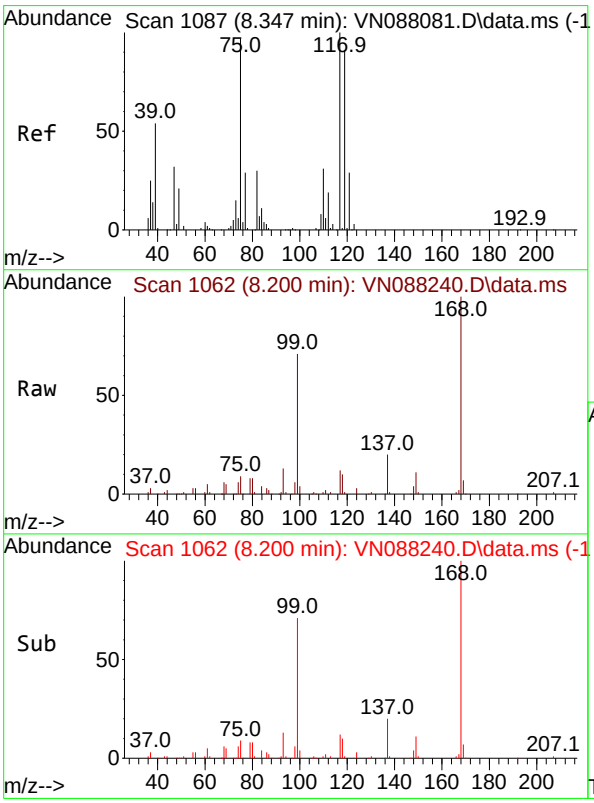
#36
1,1-Dichloropropene
Concen: 4.509 ug/l
RT: 8.194 min Scan# 1
Delta R.T. -0.159 min
Lab File: VN088240.D
Acq: 10 Nov 2025 15:05

Instrument :
MSVOA_N
ClientSampleId :
MOO-25-0317-0318-COMP

Tgt Ion: 75 Resp: 19120

Ion	Ratio	Lower	Upper
75	100		
110	10.1	15.9	47.6#
77	0.0	24.4	36.6#

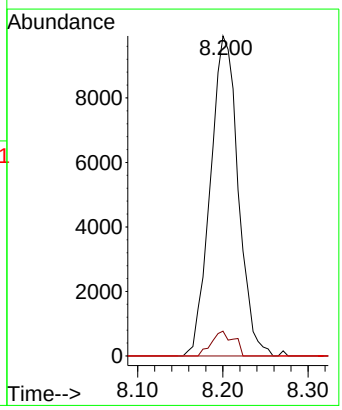


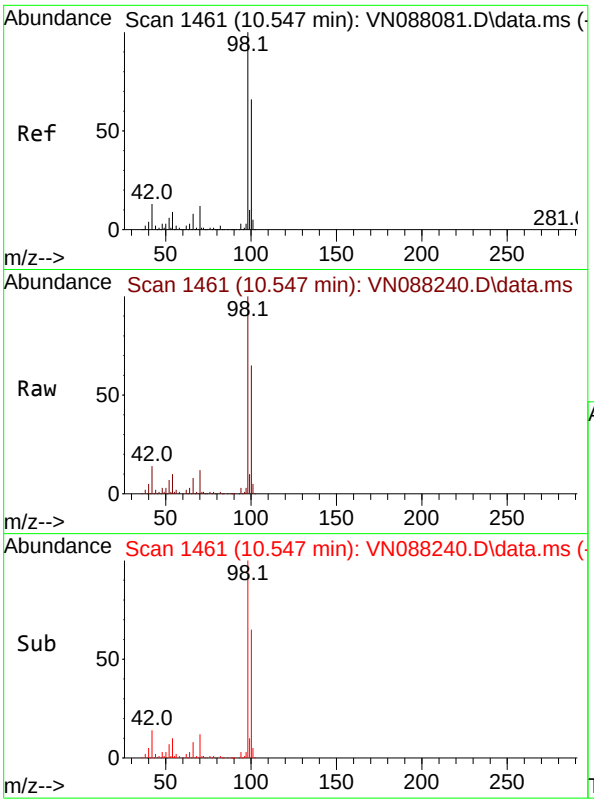


#38
Carbon Tetrachloride
Concen: 5.151 ug/l
RT: 8.200 min Scan# 1062
Delta R.T. -0.141 min
Lab File: VN088240.D
Acq: 10 Nov 2025 15:05

Tgt Ion:117 Resp: 22561

Ion	Ratio	Lower	Upper
117	100		
119	7.8	79.0	118.6#
121	0.0	25.0	37.6#



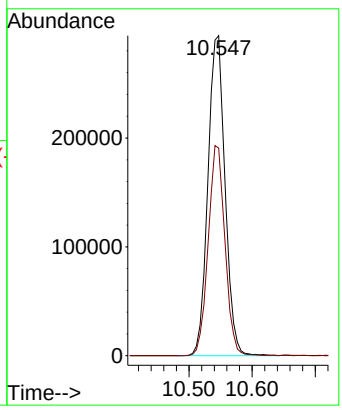


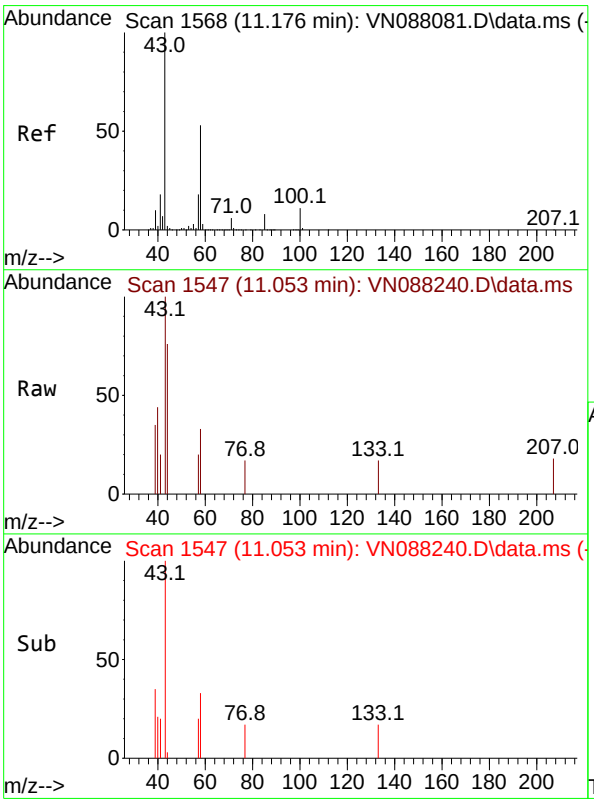
#50
Toluene-d8
Concen: 49.518 ug/l
RT: 10.547 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN088240.D
Acq: 10 Nov 2025 15:05

Instrument :
MSVOA_N
ClientSampleId :
MOO-25-0317-0318-COMP

Tgt Ion: 98 Resp: 554128

Ion	Ratio	Lower	Upper
98	100		
100	64.3	52.8	79.2

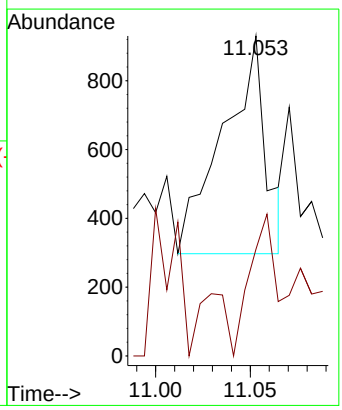


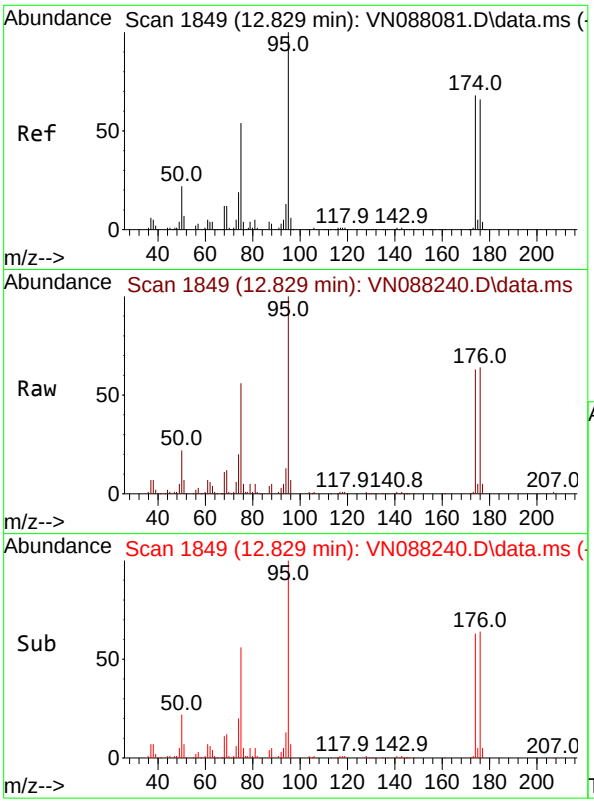


#59
2-Hexanone
Concen: 0.300 ug/l
RT: 11.053 min Scan# 1547
Delta R.T. -0.124 min
Lab File: VN088240.D
Acq: 10 Nov 2025 15:05

Tgt Ion: 43 Resp: 990

Ion	Ratio	Lower	Upper
43	100		
58	44.4	25.9	77.8



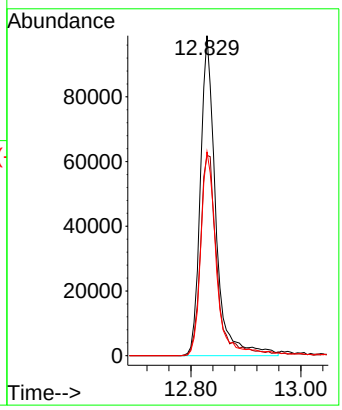


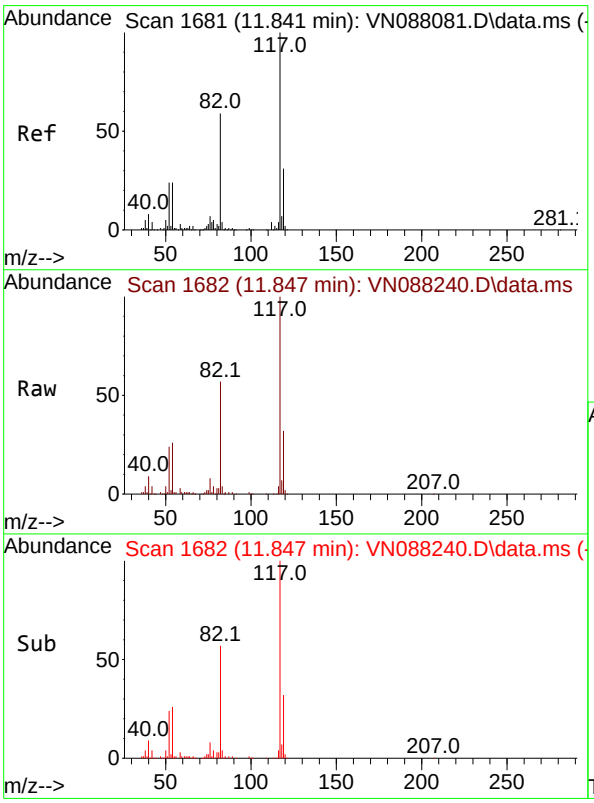
#62
4-Bromofluorobenzene
Concen: 48.535 ug/l
RT: 12.829 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN088240.D
Acq: 10 Nov 2025 15:05

Instrument :
MSVOA_N
ClientSampleId :
MOO-25-0317-0318-COMP

Tgt Ion: 95 Resp: 191812

Ion	Ratio	Lower	Upper
95	100		
174	67.8	0.0	138.4
176	65.8	0.0	132.6

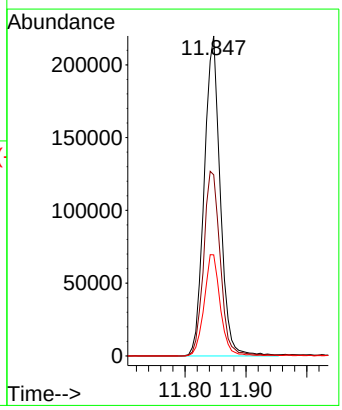


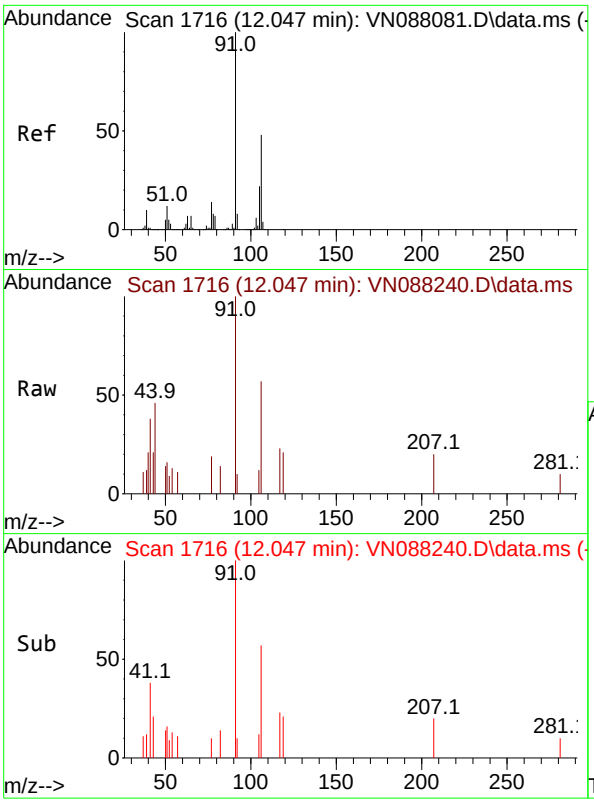


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.847 min Scan# 1682
Delta R.T. 0.006 min
Lab File: VN088240.D
Acq: 10 Nov 2025 15:05

Tgt Ion:117 Resp: 401017

Ion	Ratio	Lower	Upper
117	100		
82	56.6	47.4	71.2
119	31.6	24.3	36.5



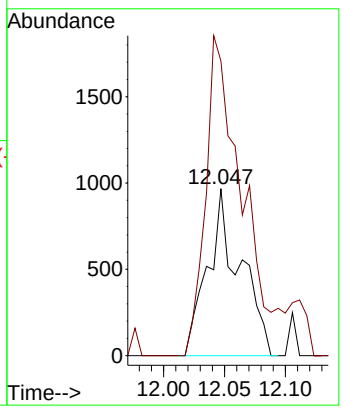


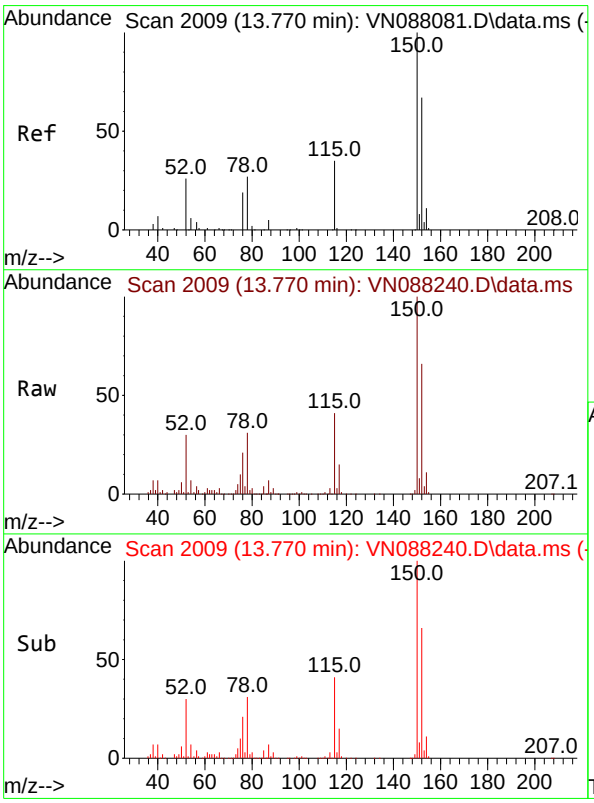
#68
m/p-Xylenes
Concen: 0.300 ug/l
RT: 12.047 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN088240.D
Acq: 10 Nov 2025 15:05

Instrument :
MSVOA_N
ClientSampleId :
MOO-25-0317-0318-COMP

Tgt Ion:106 Resp: 1797

Ion	Ratio	Lower	Upper
106	100		
91	207.6	169.3	253.9

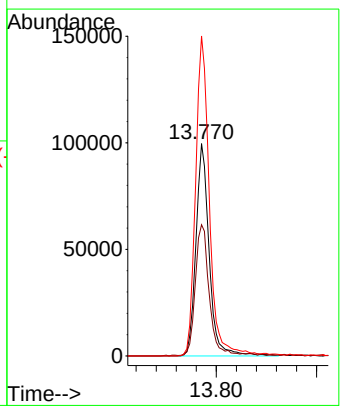


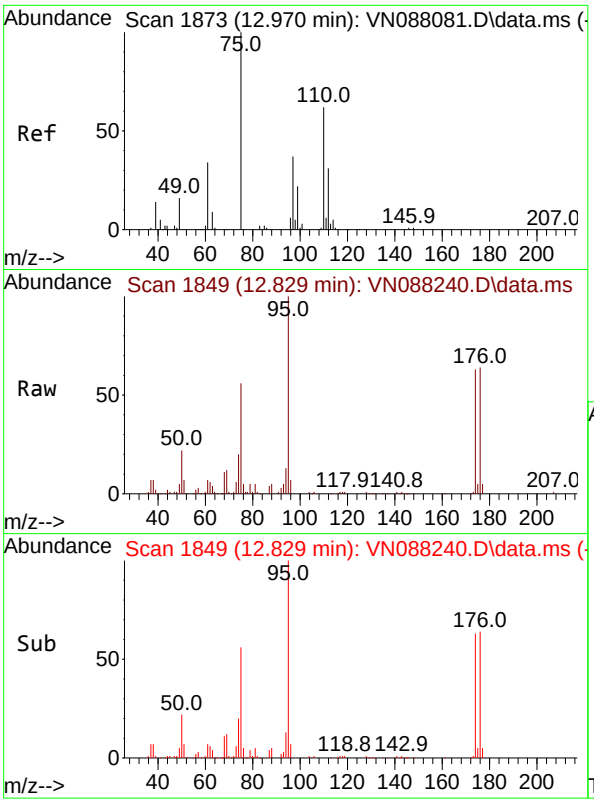


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.770 min Scan# 2009
Delta R.T. 0.006 min
Lab File: VN088240.D
Acq: 10 Nov 2025 15:05

Tgt Ion:152 Resp: 183020

Ion	Ratio	Lower	Upper
152	100		
115	63.4	32.3	96.8
150	155.9	0.0	351.0



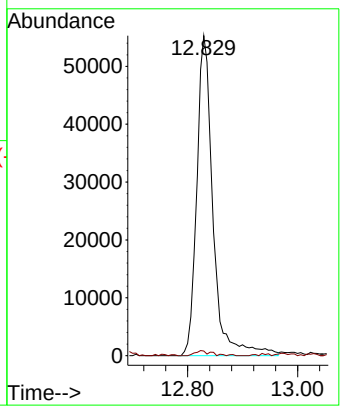


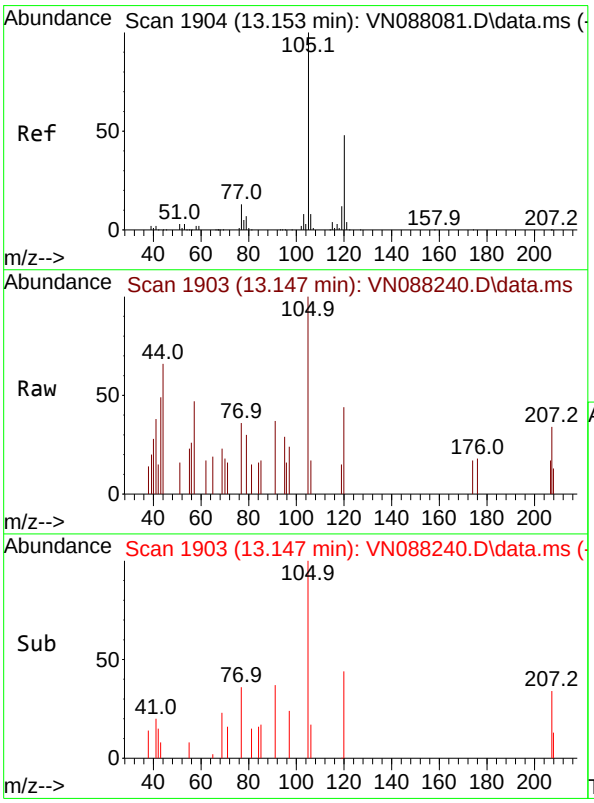
#76
1,2,3-Trichloropropane
Concen: 27.027 ug/l
RT: 12.829 min Scan# 1
Delta R.T. -0.141 min
Lab File: VN088240.D
Acq: 10 Nov 2025 15:05

Instrument :
MSVOA_N
ClientSampleId :
MOO-25-0317-0318-COMP

Tgt Ion: 75 Resp: 113091

Ion	Ratio	Lower	Upper
75	100		
77	1.5	89.1	267.4#

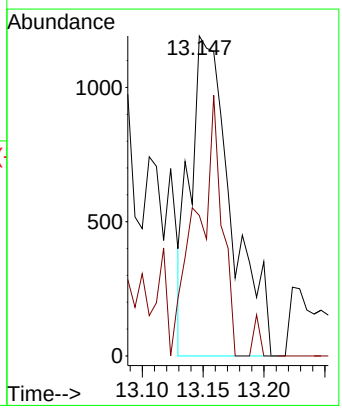


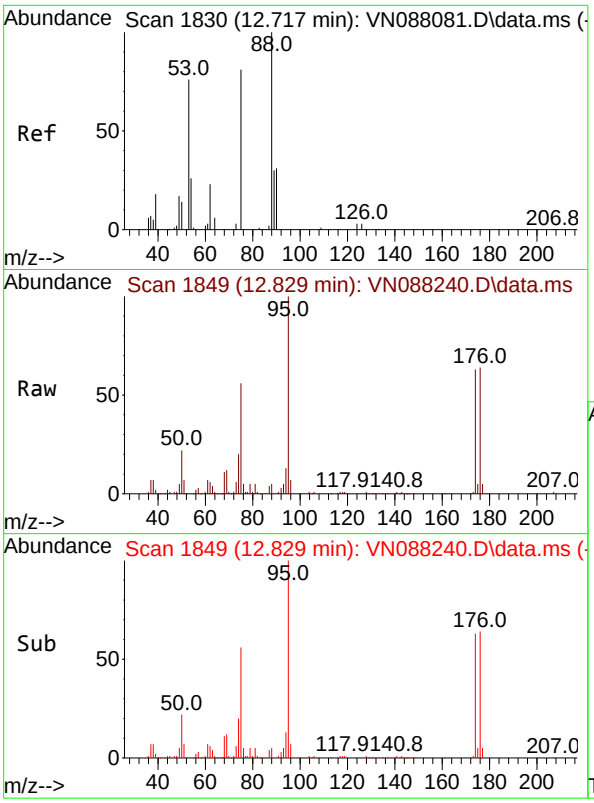


#80
1,3,5-Trimethylbenzene
Concen: 0.239 ug/l
RT: 13.147 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VN088240.D
Acq: 10 Nov 2025 15:05

Tgt Ion:105 Resp: 2798

Ion	Ratio	Lower	Upper
105	100		
120	49.8	23.2	69.6



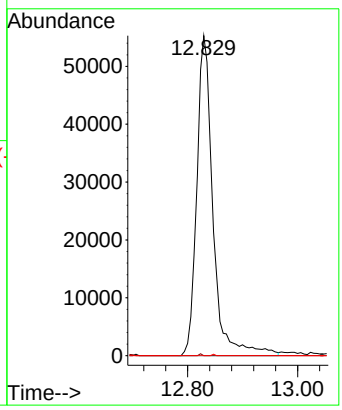


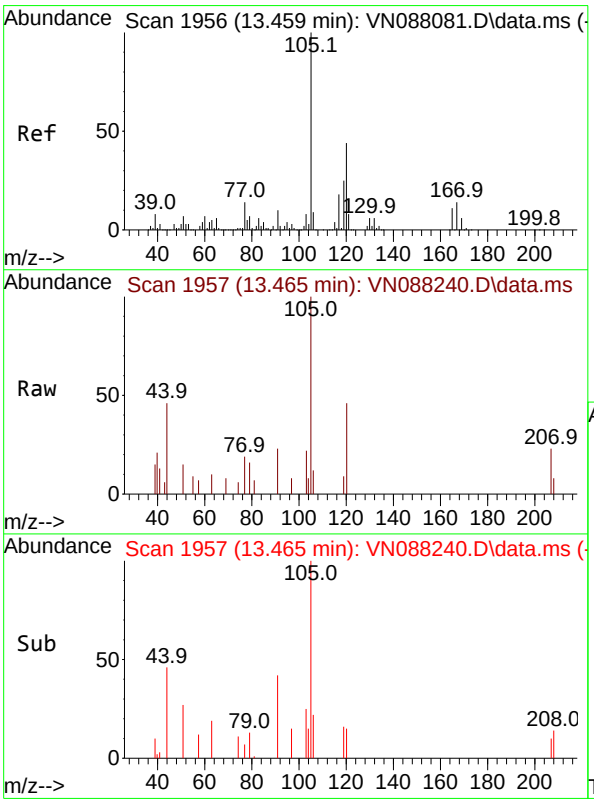
#81
trans-1,4-Dichloro-2-butene
Concen: 75.392 ug/l
RT: 12.829 min Scan# 1
Delta R.T. 0.112 min
Lab File: VN088240.D
Acq: 10 Nov 2025 15:05

Instrument :
MSVOA_N
ClientSampleId :
MOO-25-0317-0318-COMP

Tgt Ion: 75 Resp: 113091

Ion	Ratio	Lower	Upper
75	100		
53	0.1	101.8	152.6#
89	0.0	35.6	53.4#

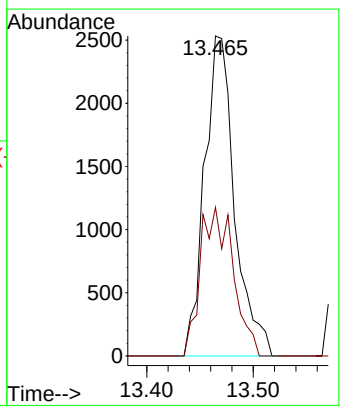


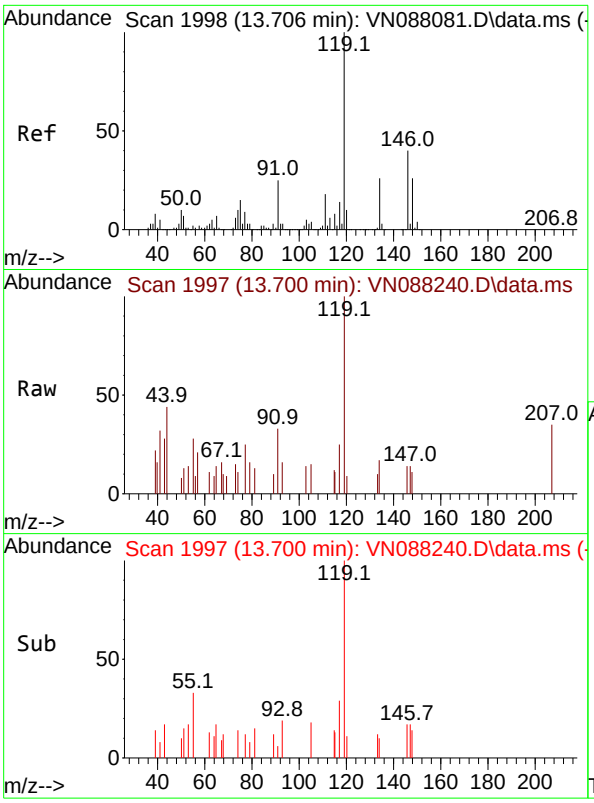


#84
1,2,4-Trimethylbenzene
Concen: 0.423 ug/l
RT: 13.465 min Scan# 1957
Delta R.T. 0.006 min
Lab File: VN088240.D
Acq: 10 Nov 2025 15:05

Tgt Ion:105 Resp: 4967

Ion	Ratio	Lower	Upper
105	100		
120	50.6	22.0	66.0



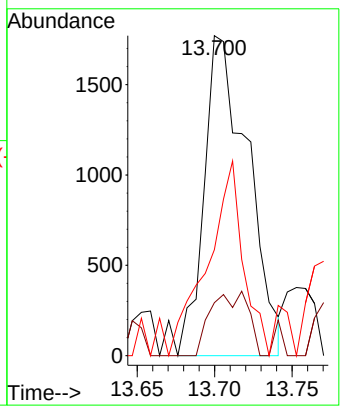


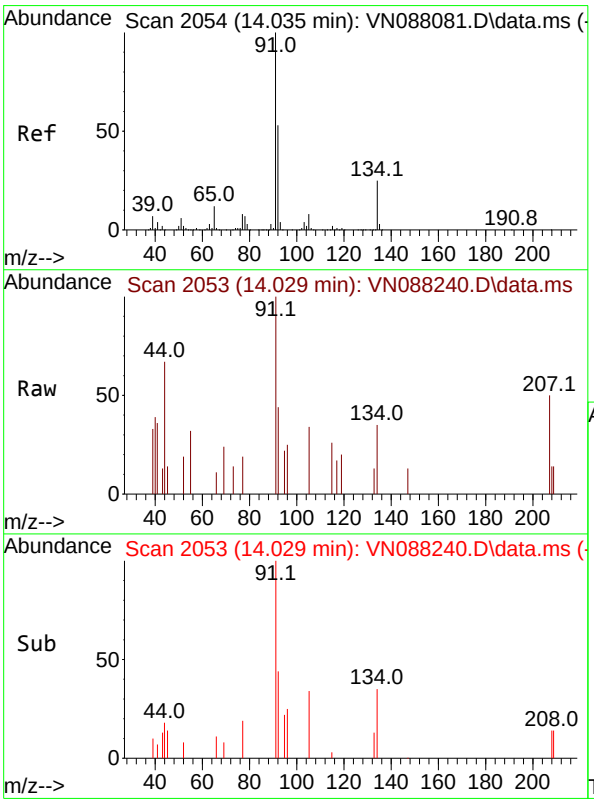
#86
p-Isopropyltoluene
Concen: 0.282 ug/l
RT: 13.700 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN088240.D
Acq: 10 Nov 2025 15:05

Instrument :
MSVOA_N
ClientSampleId :
MOO-25-0317-0318-COMP

Tgt Ion:119 Resp: 3478

Ion	Ratio	Lower	Upper
119	100		
134	17.1	12.7	38.0
91	49.8	12.5	37.5#

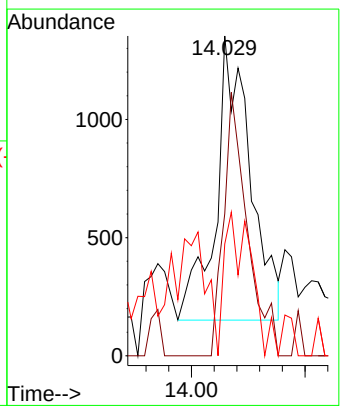


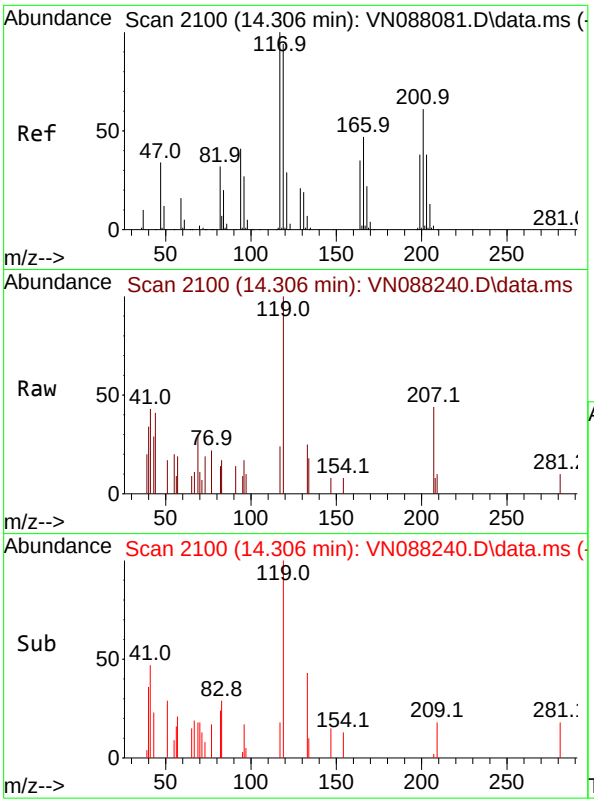


#89
n-Butylbenzene
Concen: 0.207 ug/l
RT: 14.029 min Scan# 2053
Delta R.T. -0.000 min
Lab File: VN088240.D
Acq: 10 Nov 2025 15:05

Tgt Ion: 91 Resp: 2534

Ion	Ratio	Lower	Upper
91	100		
92	63.7	25.9	77.8
134	39.4	11.7	35.0#



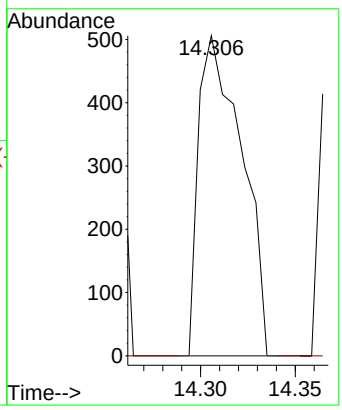


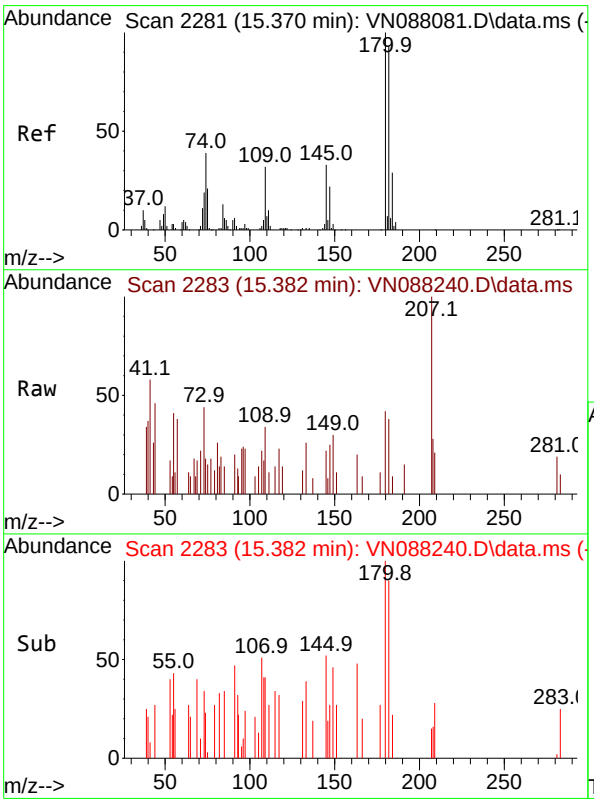
#90
Hexachloroethane
Concen: 0.336 ug/l
RT: 14.306 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN088240.D
Acq: 10 Nov 2025 15:05

Instrument :
MSVOA_N
ClientSampleId :
MOO-25-0317-0318-COMP

Tgt Ion:117 Resp: 804

Ion	Ratio	Lower	Upper
117	100		
201	0.0	29.1	87.4#

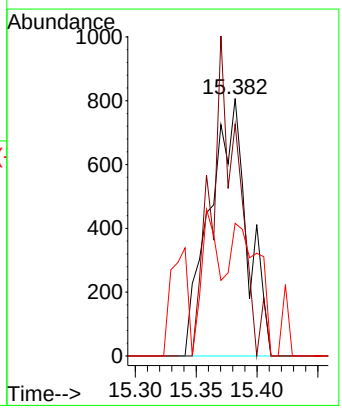


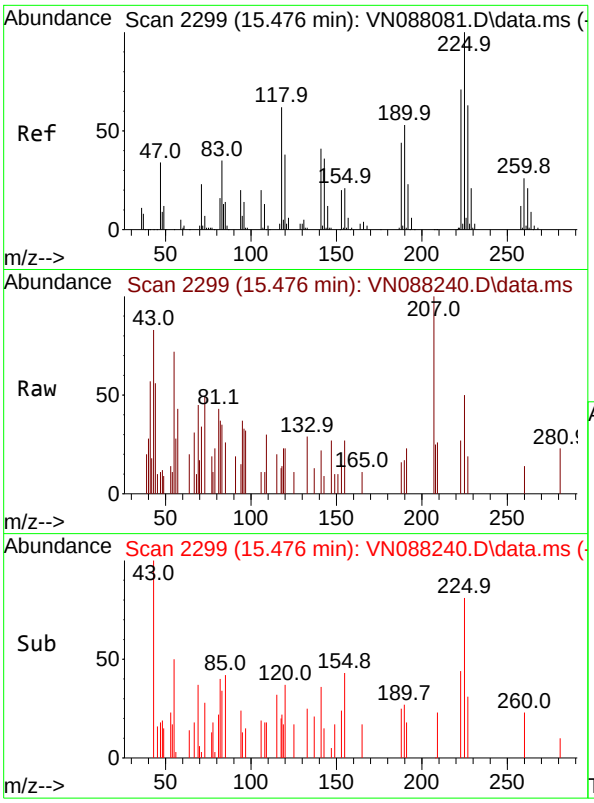


#93
1,2,4-Trichlorobenzene
Concen: 0.487 ug/l
RT: 15.382 min Scan# 2283
Delta R.T. 0.018 min
Lab File: VN088240.D
Acq: 10 Nov 2025 15:05

Tgt Ion:180 Resp: 1729

Ion	Ratio	Lower	Upper
180	100		
182	88.8	47.6	142.9
145	41.1	16.5	49.5



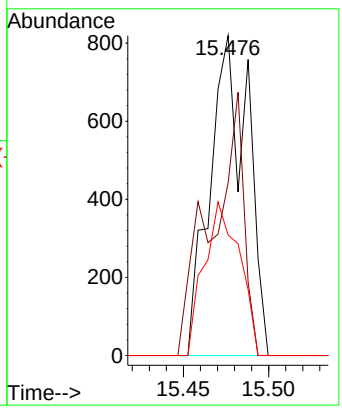


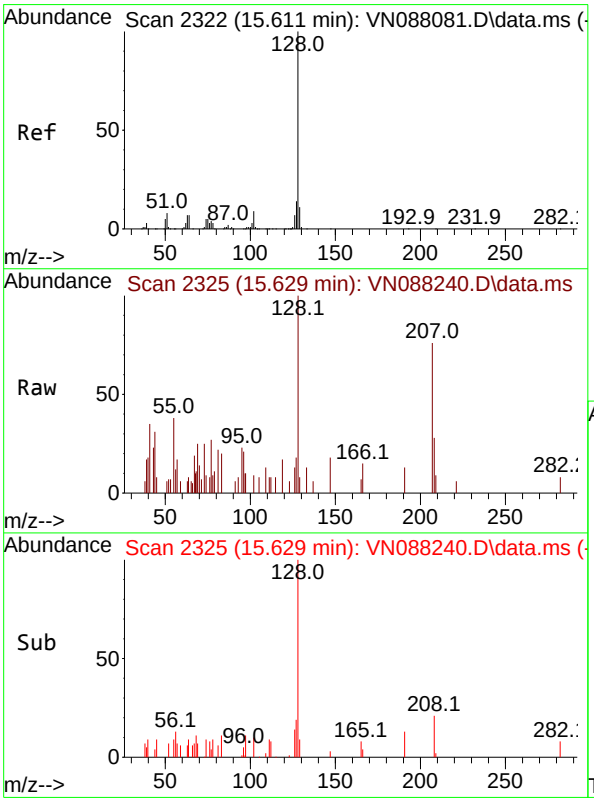
#94
Hexachlorobutadiene
Concen: 0.955 ug/l
RT: 15.476 min Scan# 2
Delta R.T. -0.000 min
Lab File: VN088240.D
Acq: 10 Nov 2025 15:05

Instrument :
MSVOA_N
ClientSampleId :
MOO-25-0317-0318-COMP

Tgt Ion:225 Resp: 1261

Ion	Ratio	Lower	Upper
225	100		
223	69.9	32.0	96.2
227	45.0	32.1	96.5

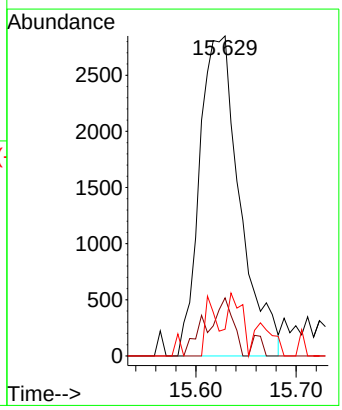


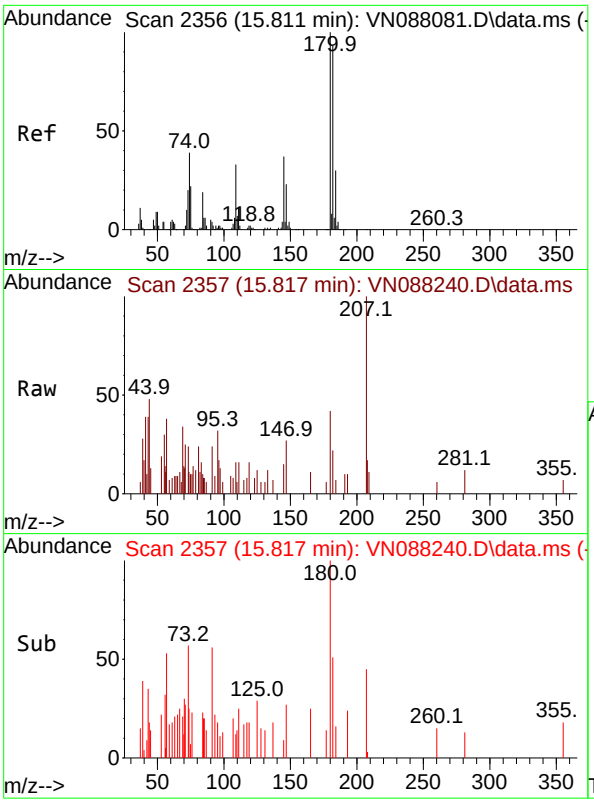


#95
Naphthalene
Concen: 0.652 ug/l
RT: 15.629 min Scan# 2325
Delta R.T. 0.018 min
Lab File: VN088240.D
Acq: 10 Nov 2025 15:05

Tgt Ion:128 Resp: 7929

Ion	Ratio	Lower	Upper
128	100		
127	11.8	10.6	15.8
129	7.5	8.6	12.8#





#96
1,2,3-Trichlorobenzene
Concen: 0.704 ug/l
RT: 15.817 min Scan# 2
Delta R.T. 0.006 min
Lab File: VN088240.D
Acq: 10 Nov 2025 15:05

Instrument :
MSVOA_N
ClientSampleId :
MOO-25-0317-0318-COMP

Tgt Ion:180 Resp: 2395

Ion	Ratio	Lower	Upper
180	100		
182	55.4	46.8	140.3
145	0.0	17.3	52.0#