Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090825\
Data File : VN087758.D
Acq On : 08 Sep 2025 14:01
Operator : JC\MD
Sample : Q3023-05
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
TP-2

Quant Time: Sep 09 02:28:43 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 22 02:55:42 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.206	168	172548	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	407666	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	412814	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	189784	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	189265	53.536	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 107.080%			
35) Dibromofluoromethane	8.147	113	149903	50.930	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.860%			
50) Toluene-d8	10.547	98	542449	49.240	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 98.480%			
62) 4-Bromofluorobenzene	12.823	95	191931	48.990	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 97.980%			
Target Compounds						Qvalue
11) Tert butyl alcohol	5.524	59	4934	8.039	ug/l #	74
16) Acetone	4.424	43	46452	24.137	ug/l	93
18) Methyl Acetate	5.024	43	31874	7.910	ug/l	98
20) Methylene Chloride	5.271	84	10154	2.468	ug/l #	80
25) 2-Butanone	7.471	43	28475	11.246	ug/l	98
29) Tetrahydrofuran	7.835	42	1333	0.818	ug/l #	62
31) Cyclohexane	8.212	56	5768	1.297	ug/l #	1
36) 1,1-Dichloropropene	8.212	75	17733	3.927	ug/l #	51
37) Ethyl Acetate	7.547	43	22970	3.723	ug/l #	94
38) Carbon Tetrachloride	8.200	117	19412	4.354	ug/l #	16
43) Isopropyl Acetate	8.671	43	14888	1.545	ug/l #	85
45) 1,2-Dichloropropane	9.723	63	1223	0.335	ug/l #	43
48) Methyl methacrylate	9.635	41	4070	0.893	ug/l #	13
49) 1,4-Dioxane	9.712	88	267	4.521	ug/l #	13
51) 4-Methyl-2-Pentanone	10.429	43	5320	0.915	ug/l #	85
54) cis-1,3-Dichloropropene	10.341	75	55662	9.727	ug/l #	73
57) 1,3-Dichloropropane	11.176	76	4331	0.737	ug/l #	42
59) 2-Hexanone	11.182	43	83412	22.707	ug/l #	52
71) Bromoform	12.817	173	1421	0.543	ug/l #	1
74) N-amyl acetate	12.494	43	1284	0.221	ug/l #	46
76) 1,2,3-Trichloropropane	12.829	75	106228	23.869	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.829	75	106228	63.189	ug/l #	1

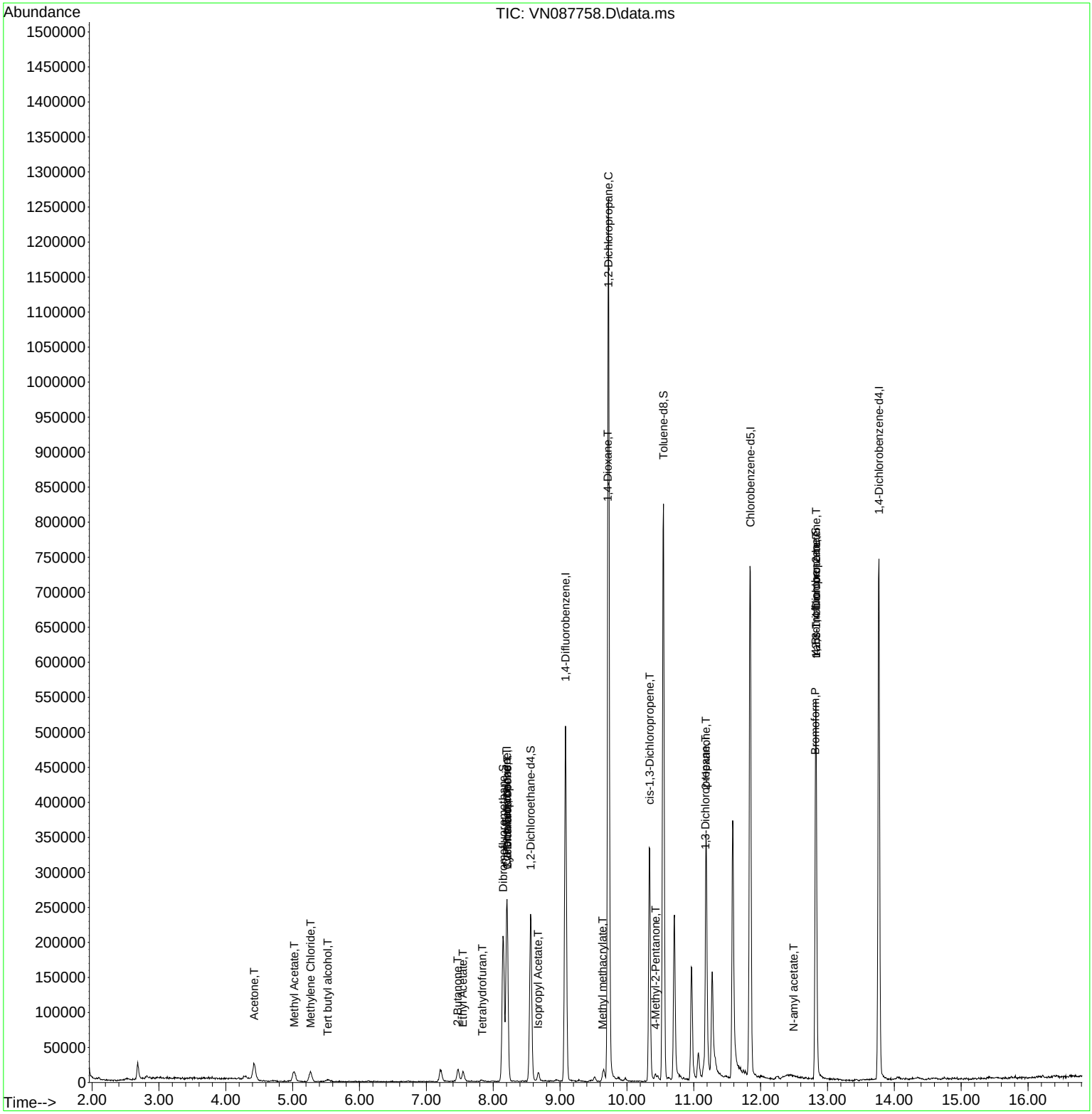
(#) = qualifier out of range (m) = manual integration (+) = signals summed

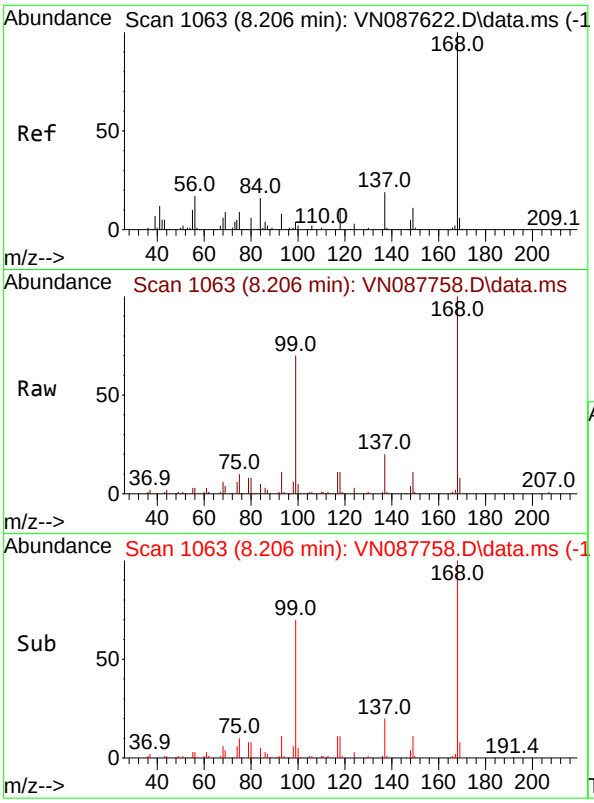
Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090825\
Data File : VN087758.D
Acq On : 08 Sep 2025 14:01
Operator : JC\MD
Sample : Q3023-05
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
TP-2

Quant Time: Sep 09 02:28:43 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 22 02:55:42 2025
Response via : Initial Calibration



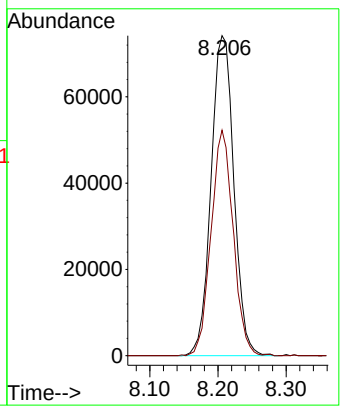


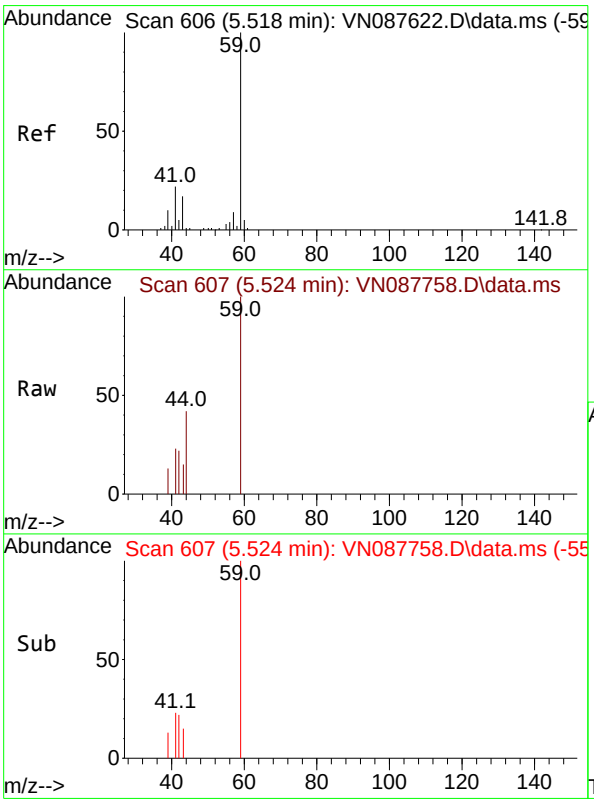
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN087758.D
Acq: 08 Sep 2025 14:01

Instrument :
MSVOA_N
ClientSampleId :
TP-2

Tgt Ion:168 Resp: 172548

Ion	Ratio	Lower	Upper
168	100		
99	70.4	57.2	85.8

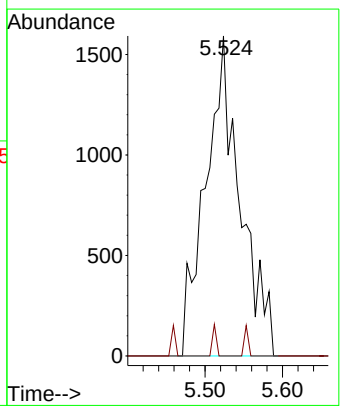


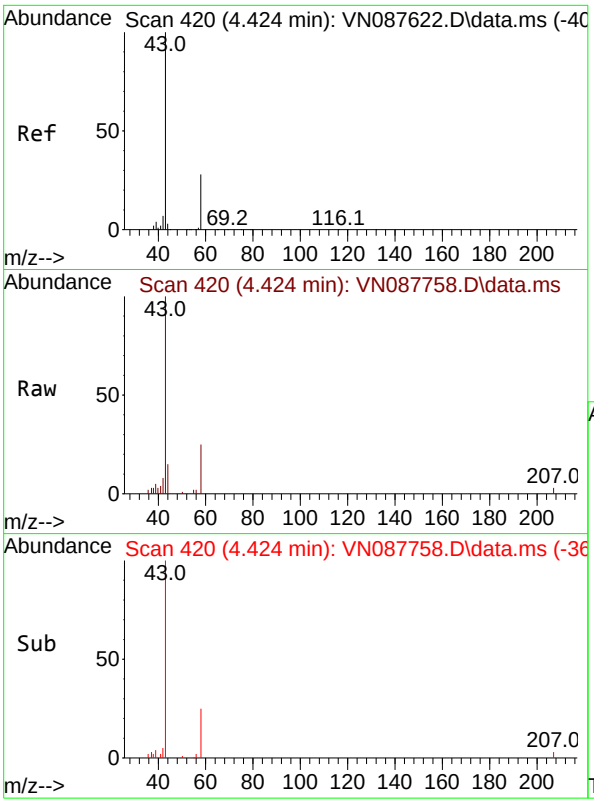


#11
Tert butyl alcohol
Concen: 8.039 ug/l
RT: 5.524 min Scan# 607
Delta R.T. 0.006 min
Lab File: VN087758.D
Acq: 08 Sep 2025 14:01

Tgt Ion: 59 Resp: 4934

Ion	Ratio	Lower	Upper
59	100		
57	1.1	9.0	13.4#



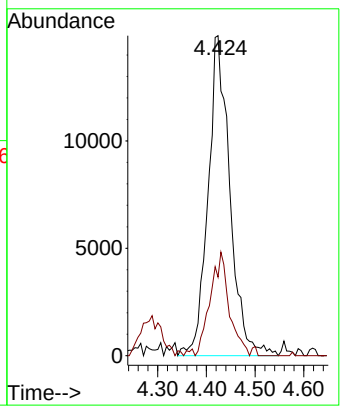


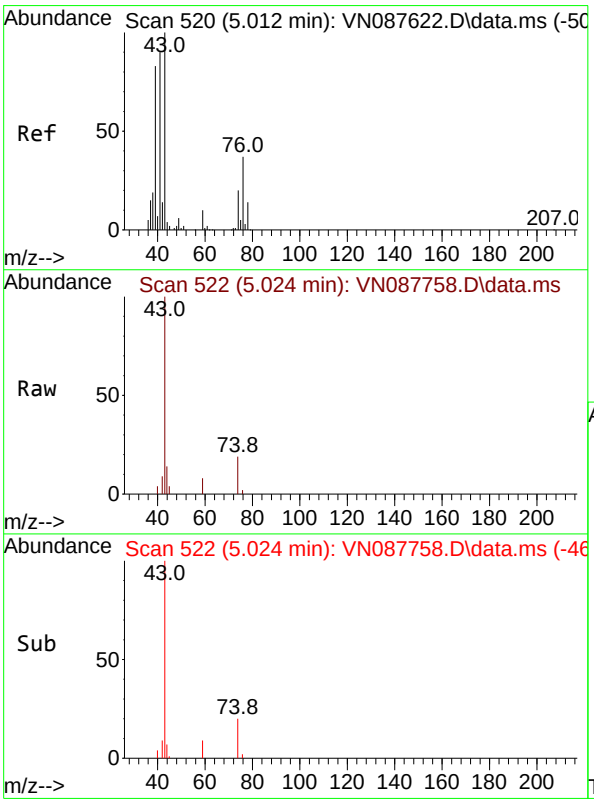
#16
Acetone
Concen: 24.137 ug/l
RT: 4.424 min Scan# 4
Delta R.T. -0.000 min
Lab File: VN087758.D
Acq: 08 Sep 2025 14:01

Instrument :
MSVOA_N
ClientSampleId :
TP-2

Tgt Ion: 43 Resp: 46452

Ion	Ratio	Lower	Upper
43	100		
58	24.6	22.6	33.8

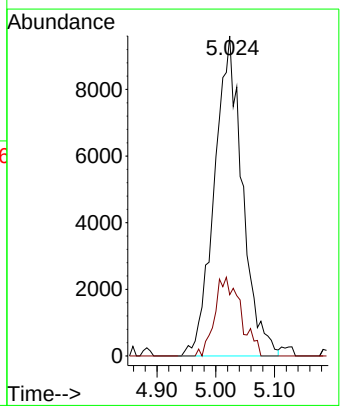


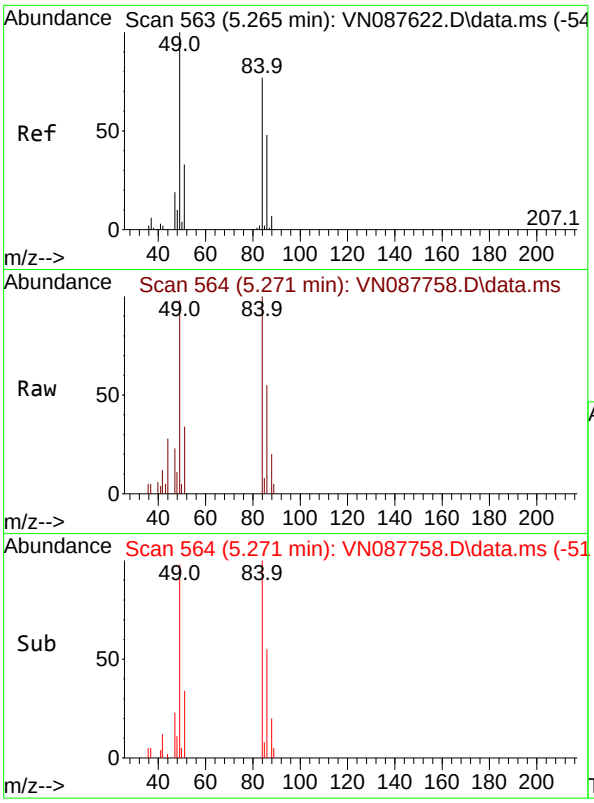


#18
Methyl Acetate
Concen: 7.910 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.012 min
Lab File: VN087758.D
Acq: 08 Sep 2025 14:01

Tgt Ion: 43 Resp: 31874

Ion	Ratio	Lower	Upper
43	100		
74	22.8	17.6	26.4



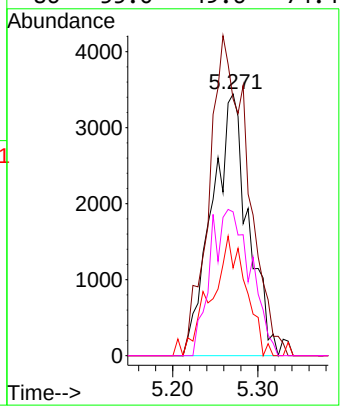


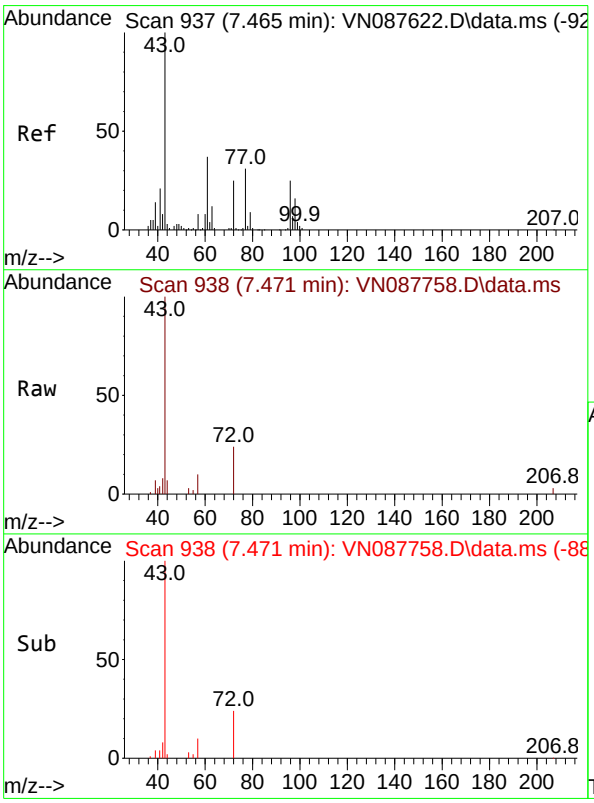
#20
Methylene Chloride
Concen: 2.468 ug/l
RT: 5.271 min Scan# 5
Delta R.T. 0.006 min
Lab File: VN087758.D
Acq: 08 Sep 2025 14:01

Instrument :
MSVOA_N
ClientSampleId :
TP-2

Tgt Ion: 84 Resp: 10154

Ion	Ratio	Lower	Upper
84	100		
49	98.2	103.4	155.2#
51	33.6	33.8	50.8#
86	55.0	49.6	74.4

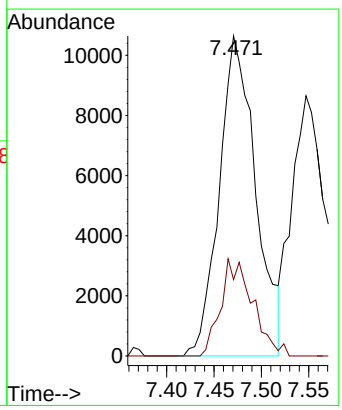


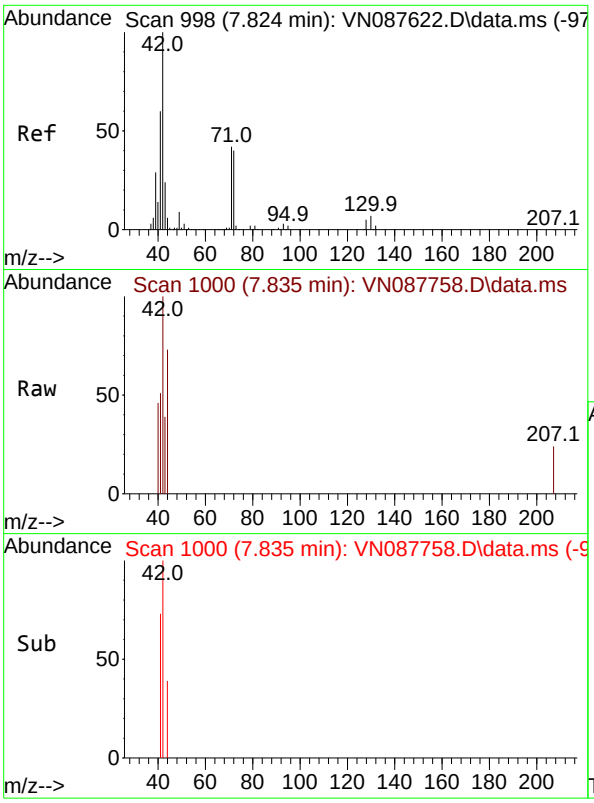


#25
2-Butanone
Concen: 11.246 ug/l
RT: 7.471 min Scan# 938
Delta R.T. 0.006 min
Lab File: VN087758.D
Acq: 08 Sep 2025 14:01

Tgt Ion: 43 Resp: 28475

Ion	Ratio	Lower	Upper
43	100		
72	23.9	19.9	29.9



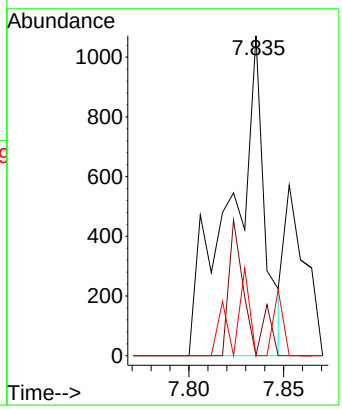


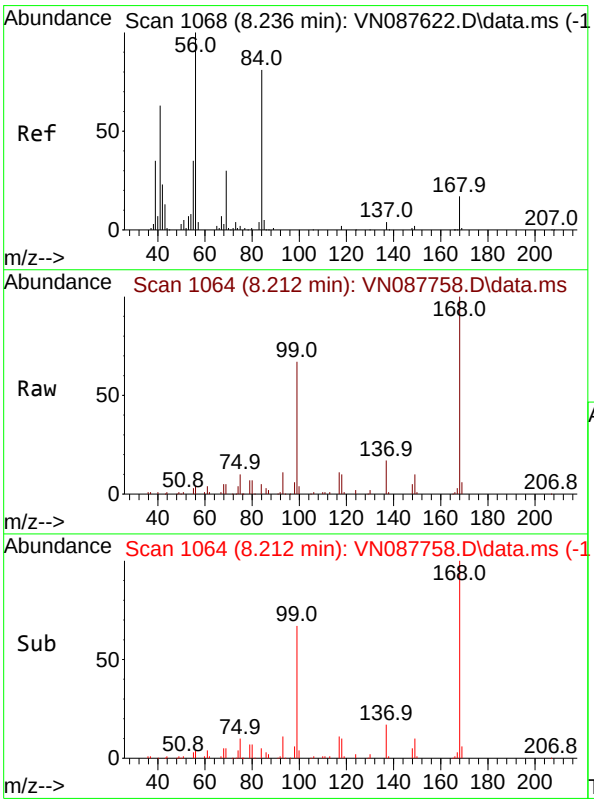
#29
Tetrahydrofuran
Concen: 0.818 ug/l
RT: 7.835 min Scan# 1
Delta R.T. 0.012 min
Lab File: VN087758.D
Acq: 08 Sep 2025 14:01

Instrument :
MSVOA_N
ClientSampleId :
TP-2

Tgt Ion: 42 Resp: 1333

Ion	Ratio	Lower	Upper
42	100		
72	21.8	33.7	50.5#
71	12.6	31.9	47.9#

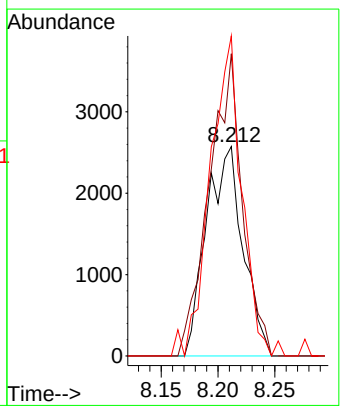


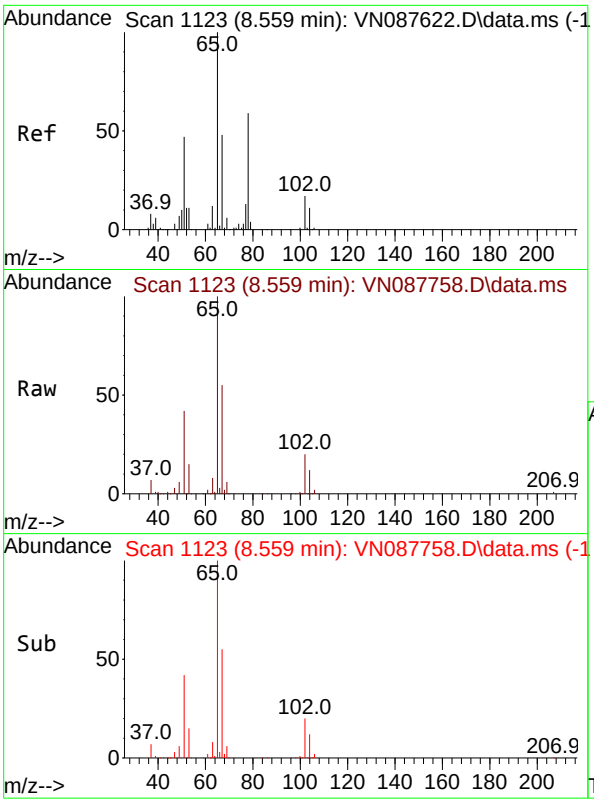


#31
Cyclohexane
Concen: 1.297 ug/l
RT: 8.212 min Scan# 1064
Delta R.T. -0.024 min
Lab File: VN087758.D
Acq: 08 Sep 2025 14:01

Tgt Ion: 56 Resp: 5768

Ion	Ratio	Lower	Upper
56	100		
69	144.3	23.7	35.5#
84	145.6	64.7	97.1#



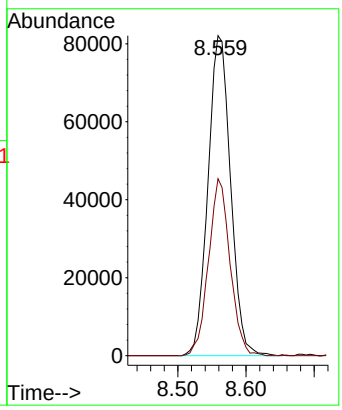


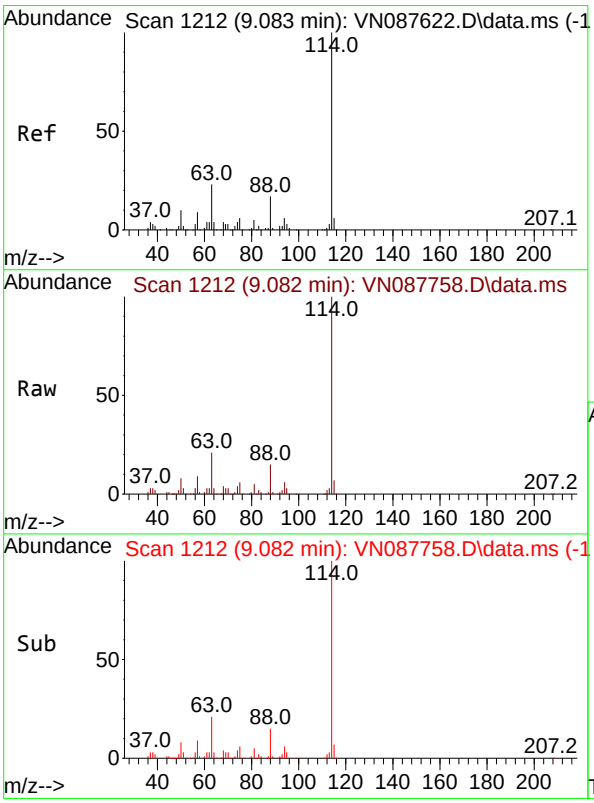
#33
1,2-Dichloroethane-d4
Concen: 53.536 ug/l
RT: 8.559 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN087758.D
Acq: 08 Sep 2025 14:01

Instrument :
MSVOA_N
ClientSampleId :
TP-2

Tgt Ion: 65 Resp: 189265

Ion	Ratio	Lower	Upper
65	100		
67	52.8	0.0	100.0

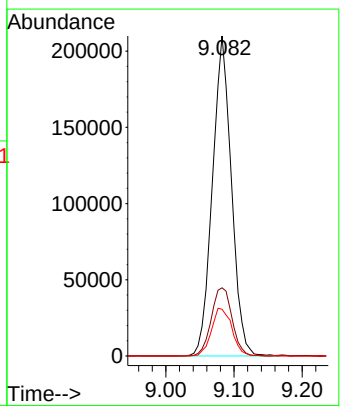


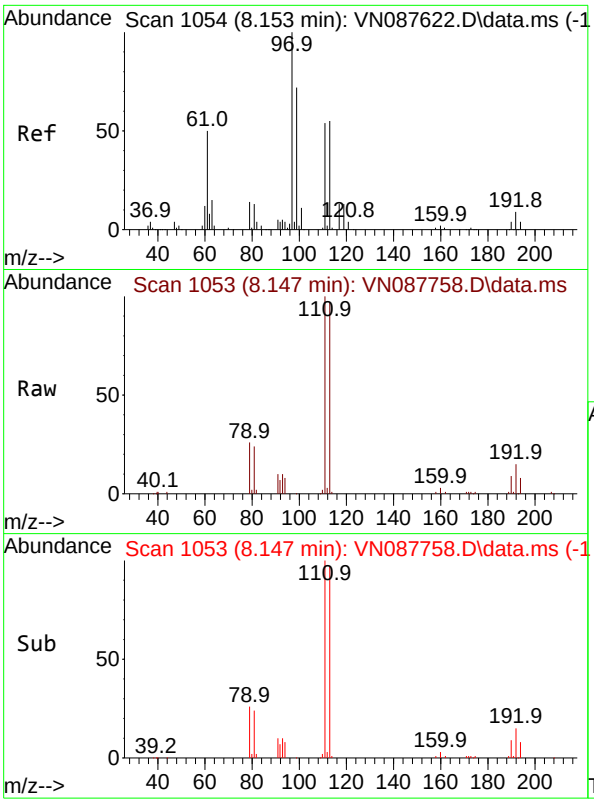


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.082 min Scan# 1212
Delta R.T. -0.000 min
Lab File: VN087758.D
Acq: 08 Sep 2025 14:01

Tgt Ion:114 Resp: 407666

Ion	Ratio	Lower	Upper
114	100		
63	21.3	0.0	45.2
88	14.6	0.0	33.4



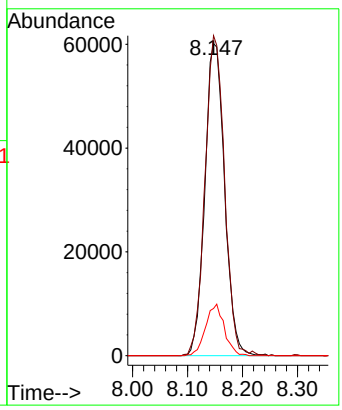


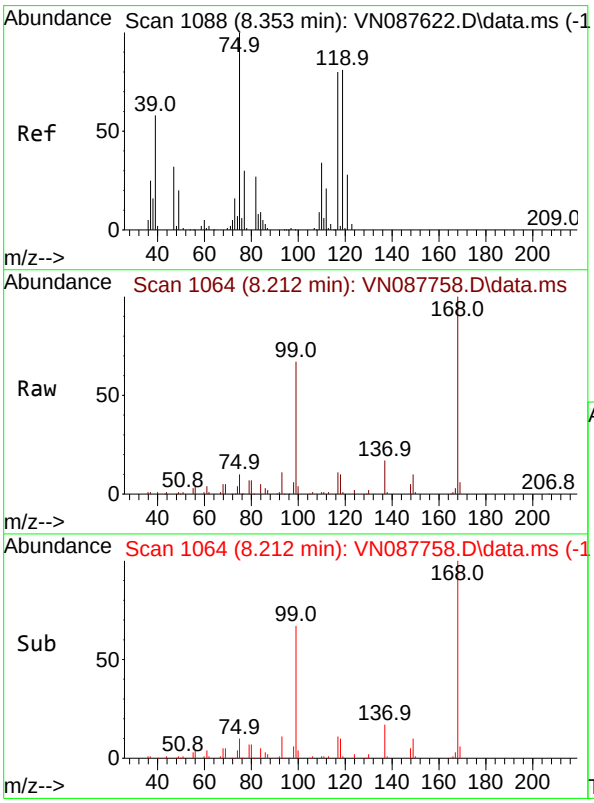
#35
Dibromofluoromethane
Concen: 50.930 ug/l
RT: 8.147 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN087758.D
Acq: 08 Sep 2025 14:01

Instrument :
MSVOA_N
ClientSampleId :
TP-2

Tgt Ion:113 Resp: 149903

Ion	Ratio	Lower	Upper
113	100		
111	101.8	82.8	124.2
192	15.7	12.8	19.2

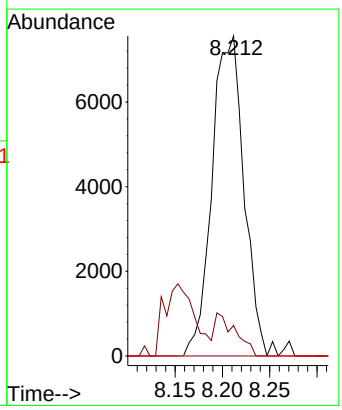


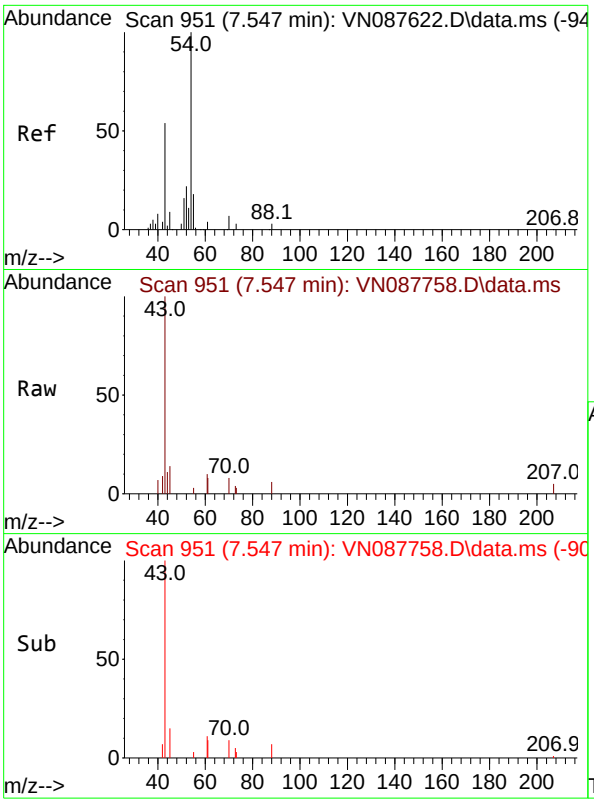


#36
1,1-Dichloropropene
Concen: 3.927 ug/l
RT: 8.212 min Scan# 1064
Delta R.T. -0.141 min
Lab File: VN087758.D
Acq: 08 Sep 2025 14:01

Tgt Ion: 75 Resp: 17733

Ion	Ratio	Lower	Upper
75	100		
110	8.6	15.9	47.6#
77	0.0	24.4	36.6#



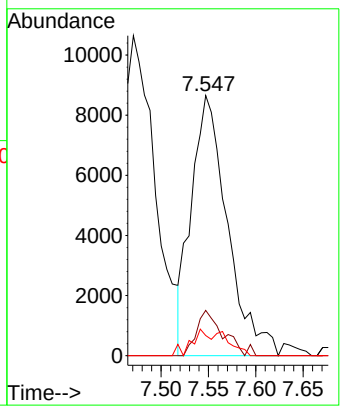


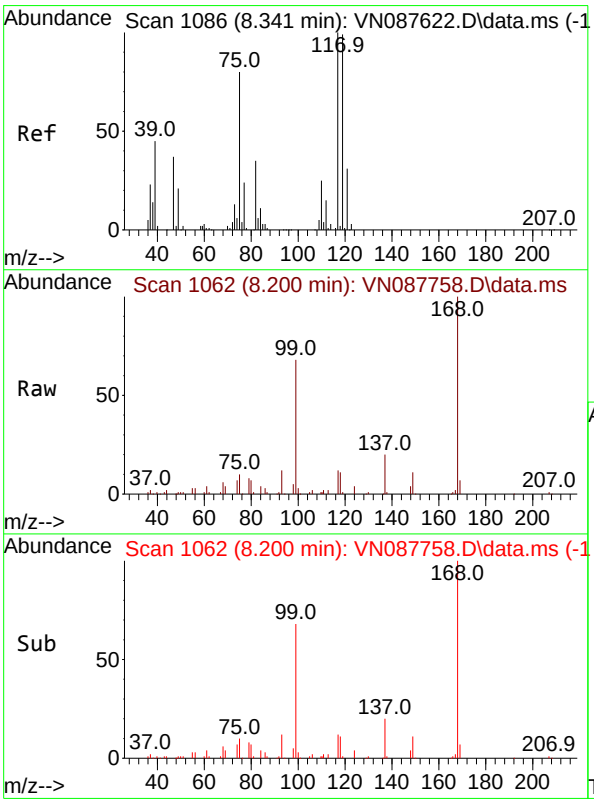
#37
Ethyl Acetate
Concen: 3.723 ug/l
RT: 7.547 min Scan# 9
Delta R.T. -0.000 min
Lab File: VN087758.D
Acq: 08 Sep 2025 14:01

Instrument :
MSVOA_N
ClientSampleId :
TP-2

Tgt Ion: 43 Resp: 22970

Ion	Ratio	Lower	Upper
43	100		
61	12.4	9.3	13.9
70	5.2	7.0	10.6#

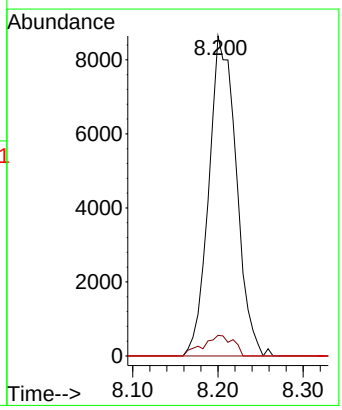


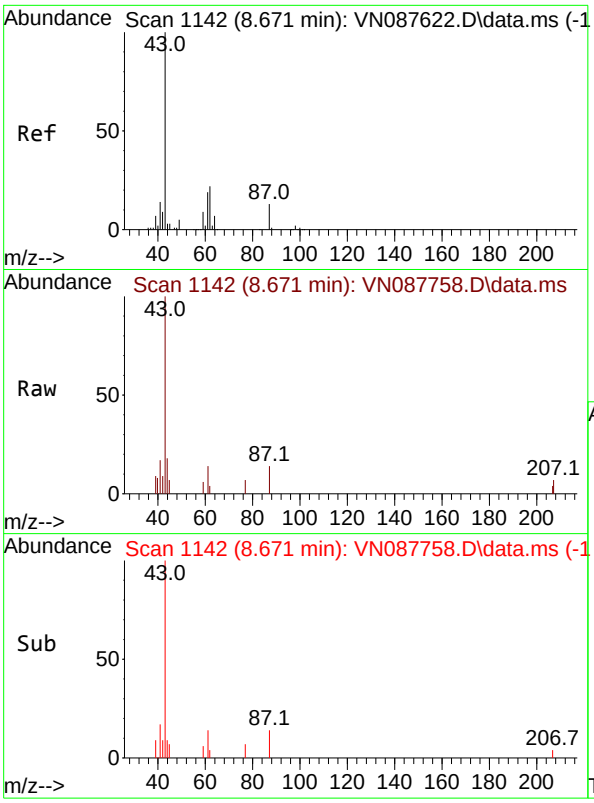


#38
Carbon Tetrachloride
Concen: 4.354 ug/l
RT: 8.200 min Scan# 1062
Delta R.T. -0.141 min
Lab File: VN087758.D
Acq: 08 Sep 2025 14:01

Tgt Ion:117 Resp: 19412

Ion	Ratio	Lower	Upper
117	100		
119	6.5	79.0	118.6#
121	0.0	25.0	37.6#



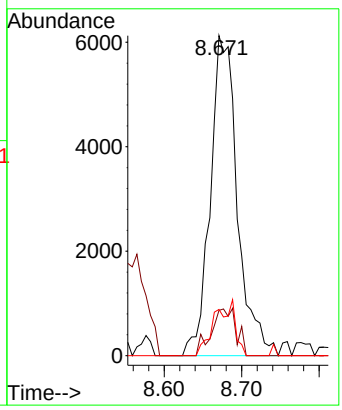


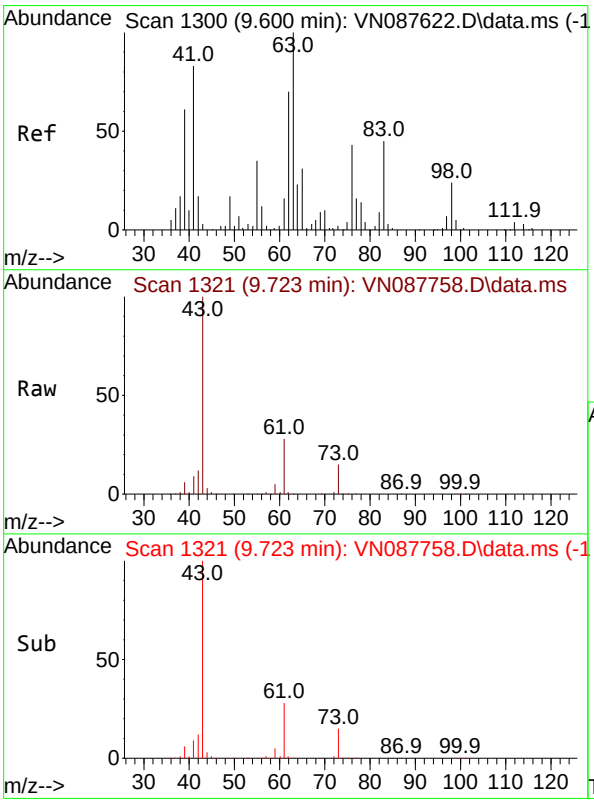
#43
Isopropyl Acetate
Concen: 1.545 ug/l
RT: 8.671 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN087758.D
Acq: 08 Sep 2025 14:01

Instrument :
MSVOA_N
ClientSampleId :
TP-2

Tgt Ion: 43 Resp: 14888

Ion	Ratio	Lower	Upper
43	100		
61	13.5	18.8	28.2#
87	13.3	9.6	14.4

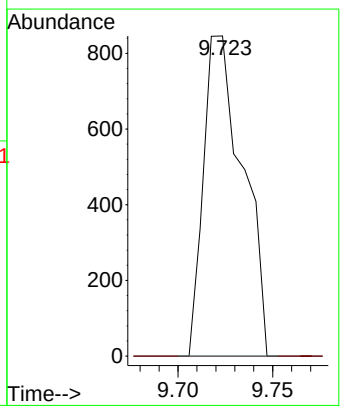


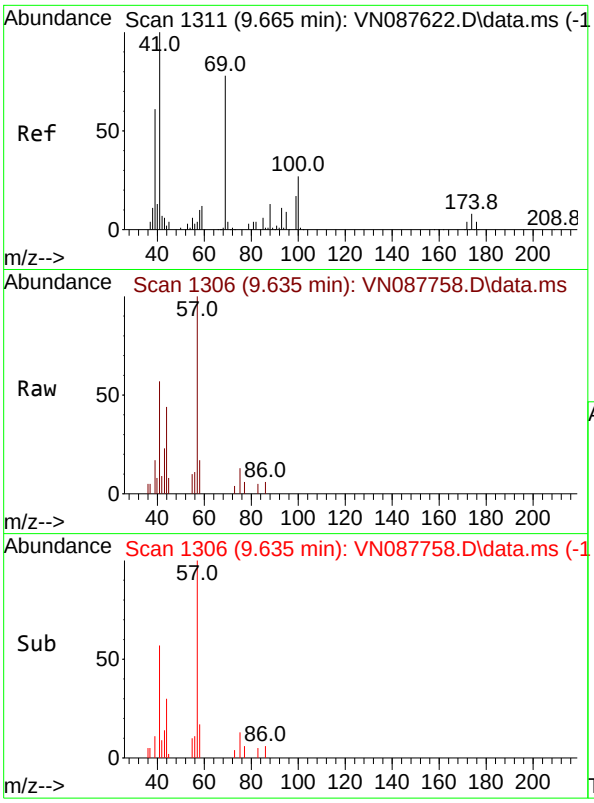


#45
1,2-Dichloropropane
Concen: 0.335 ug/l
RT: 9.723 min Scan# 1321
Delta R.T. 0.123 min
Lab File: VN087758.D
Acq: 08 Sep 2025 14:01

Tgt Ion: 63 Resp: 1223

Ion	Ratio	Lower	Upper
63	100		
65	0.0	25.0	37.4#



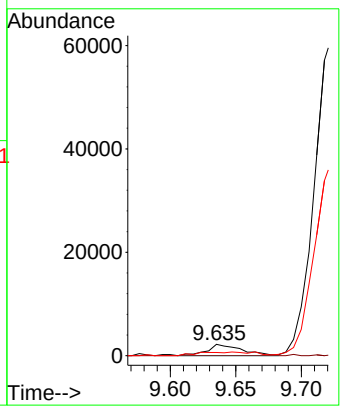


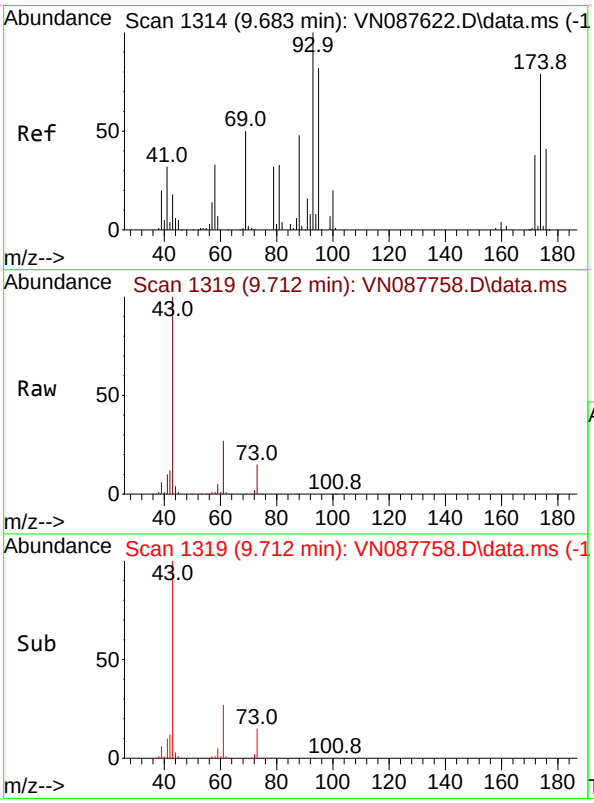
#48
Methyl methacrylate
Concen: 0.893 ug/l
RT: 9.635 min Scan# 1
Delta R.T. -0.030 min
Lab File: VN087758.D
Acq: 08 Sep 2025 14:01

Instrument :
MSVOA_N
ClientSampleId :
TP-2

Tgt Ion: 41 Resp: 4070

Ion	Ratio	Lower	Upper
41	100		
69	0.0	62.7	94.1#
39	0.0	52.9	79.3#

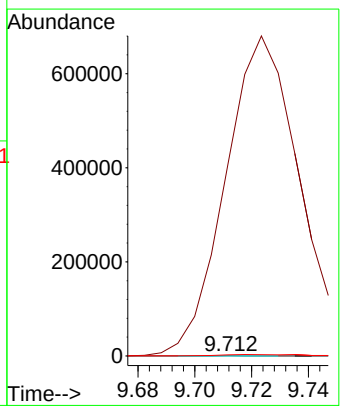


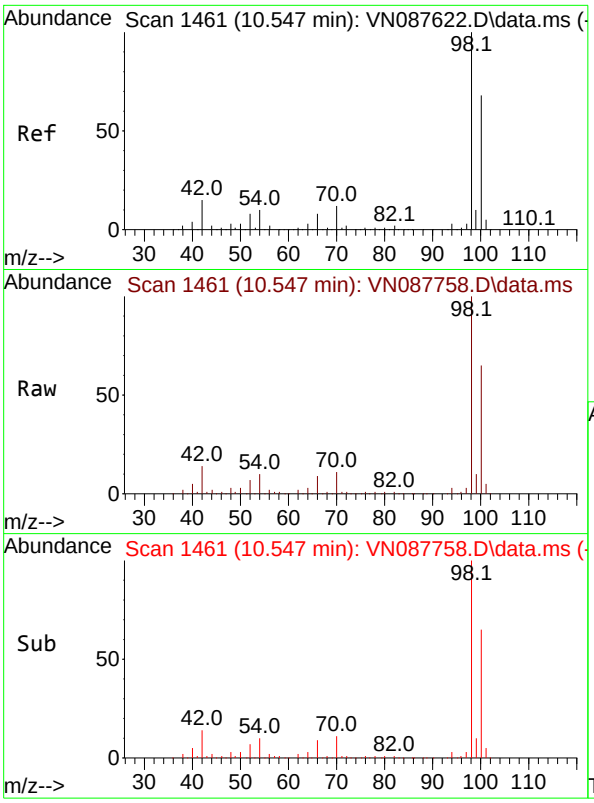


#49
1,4-Dioxane
Concen: 4.521 ug/l
RT: 9.712 min Scan# 1319
Delta R.T. 0.029 min
Lab File: VN087758.D
Acq: 08 Sep 2025 14:01

Tgt Ion: 88 Resp: 267

Ion	Ratio	Lower	Upper
88	100		
43	0.0	0.0	0.0
58	0.0	57.9	86.9#



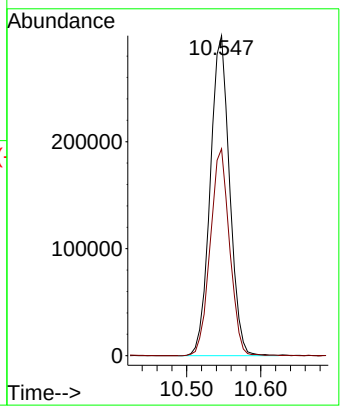


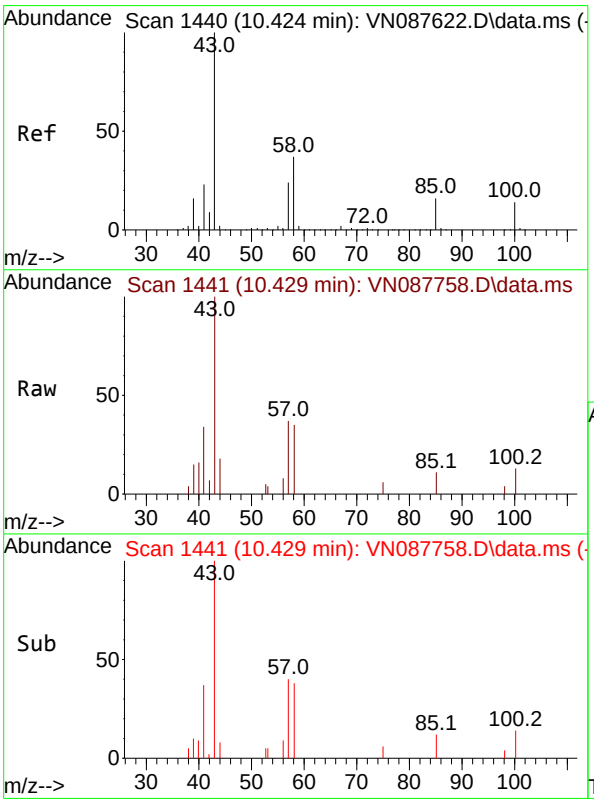
#50
Toluene-d8
Concen: 49.240 ug/l
RT: 10.547 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN087758.D
Acq: 08 Sep 2025 14:01

Instrument :
MSVOA_N
ClientSampleId :
TP-2

Tgt Ion: 98 Resp: 542449

Ion	Ratio	Lower	Upper
98	100		
100	64.4	52.8	79.2

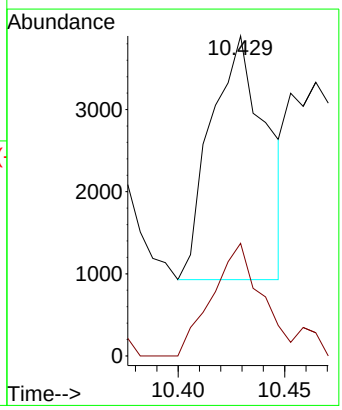


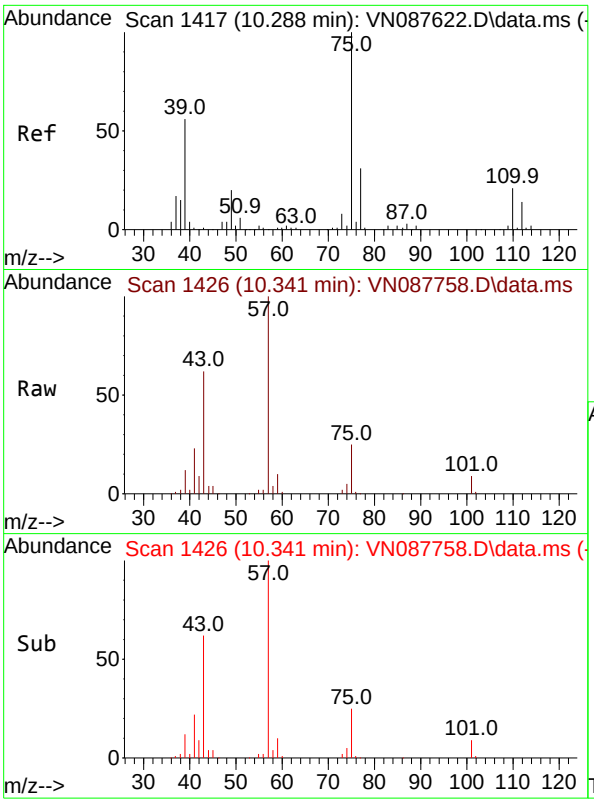


#51
4-Methyl-2-Pentanone
Concen: 0.915 ug/l
RT: 10.429 min Scan# 1441
Delta R.T. 0.006 min
Lab File: VN087758.D
Acq: 08 Sep 2025 14:01

Tgt Ion: 43 Resp: 5320

Ion	Ratio	Lower	Upper
43	100		
58	45.7	29.6	44.4#



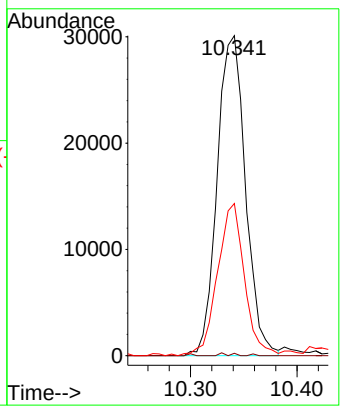


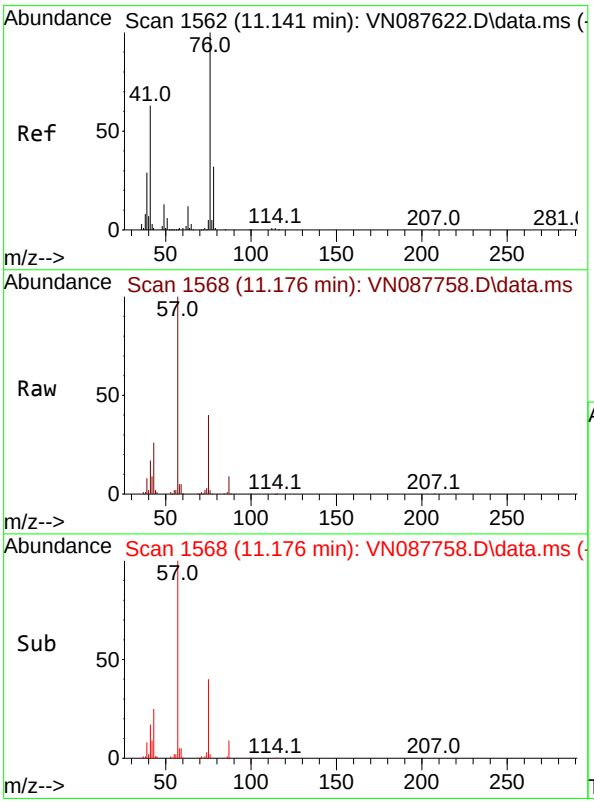
#54
cis-1,3-Dichloropropene
Concen: 9.727 ug/l
RT: 10.341 min Scan# 14
Delta R.T. 0.053 min
Lab File: VN087758.D
Acq: 08 Sep 2025 14:01

Instrument :
MSVOA_N
ClientSampleId :
TP-2

Tgt Ion: 75 Resp: 55662

Ion	Ratio	Lower	Upper
75	100		
77	0.8	24.6	37.0#
39	47.5	45.2	67.8

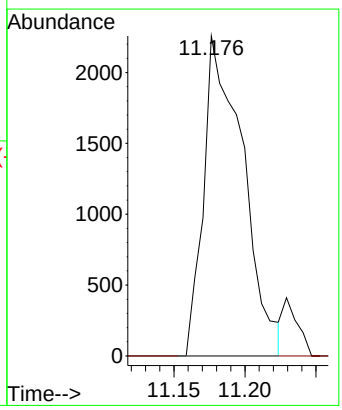


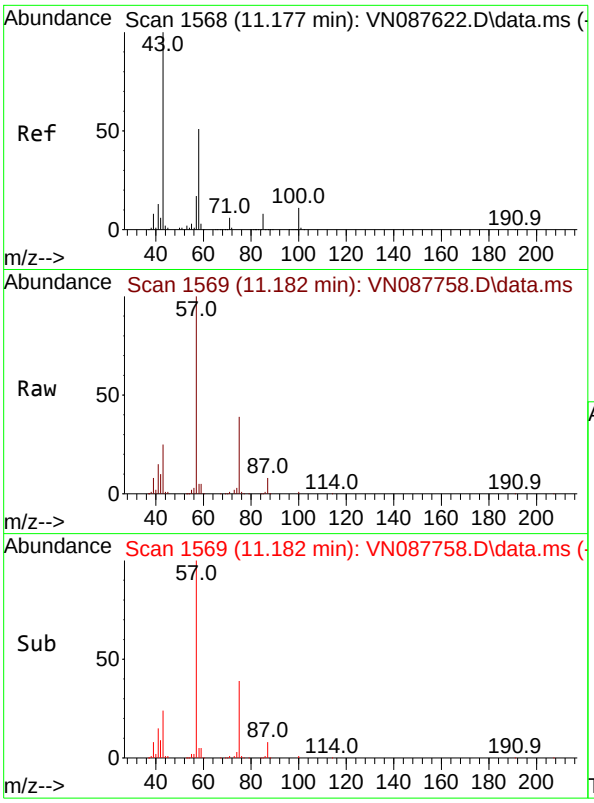


#57
1,3-Dichloropropane
Concen: 0.737 ug/l
RT: 11.176 min Scan# 1568
Delta R.T. 0.035 min
Lab File: VN087758.D
Acq: 08 Sep 2025 14:01

Tgt Ion: 76 Resp: 4331

Ion	Ratio	Lower	Upper
76	100		
78	0.0	26.2	39.4#



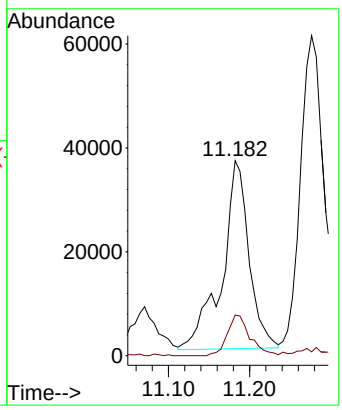


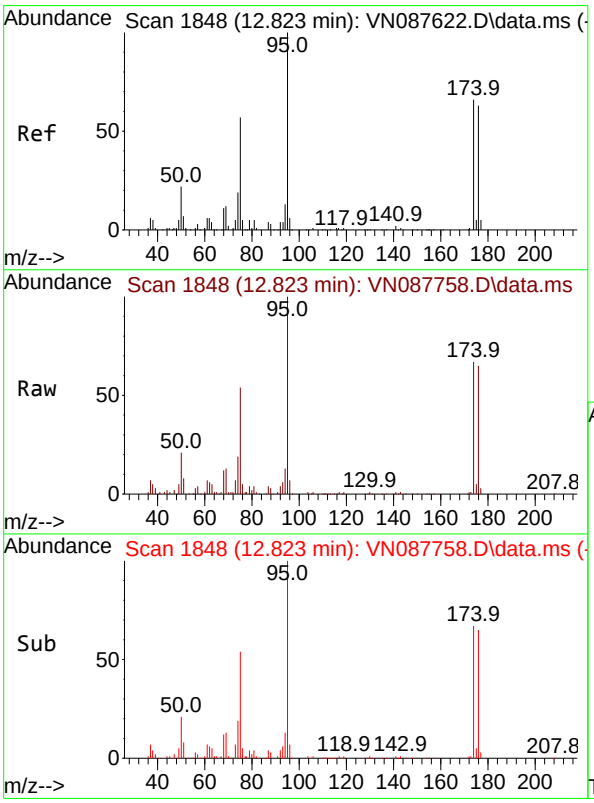
#59
2-Hexanone
Concen: 22.707 ug/l
RT: 11.182 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN087758.D
Acq: 08 Sep 2025 14:01

Instrument :
MSVOA_N
ClientSampleId :
TP-2

Tgt Ion: 43 Resp: 83412

Ion	Ratio	Lower	Upper
43	100		
58	18.2	25.9	77.8#

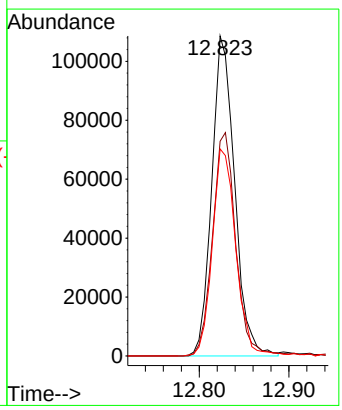


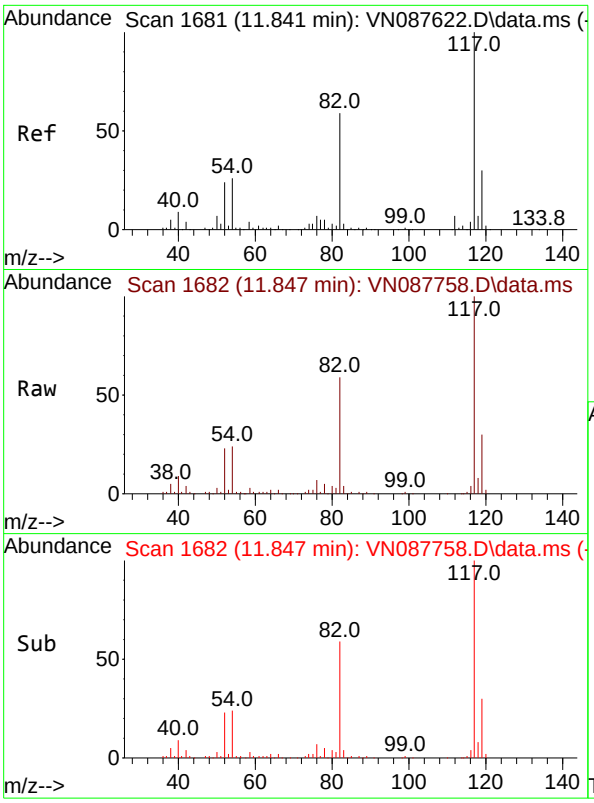


#62
4-Bromofluorobenzene
Concen: 48.990 ug/l
RT: 12.823 min Scan# 1848
Delta R.T. -0.000 min
Lab File: VN087758.D
Acq: 08 Sep 2025 14:01

Tgt Ion: 95 Resp: 191931

Ion	Ratio	Lower	Upper
95	100		
174	71.5	0.0	138.4
176	66.5	0.0	132.6



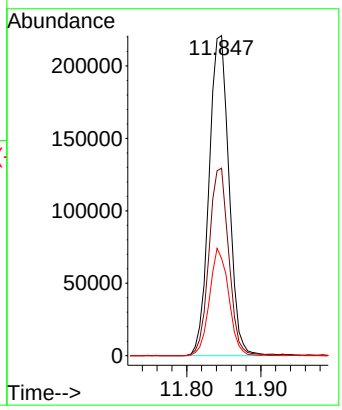


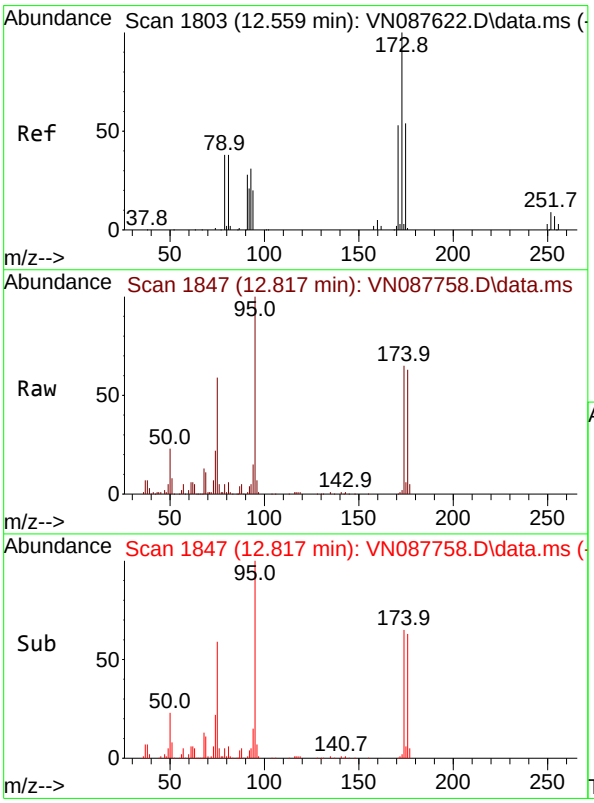
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.847 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN087758.D
Acq: 08 Sep 2025 14:01

Instrument :
MSVOA_N
ClientSampleId :
TP-2

Tgt Ion:117 Resp: 412814

Ion	Ratio	Lower	Upper
117	100		
82	58.6	47.4	71.2
119	30.4	24.3	36.5

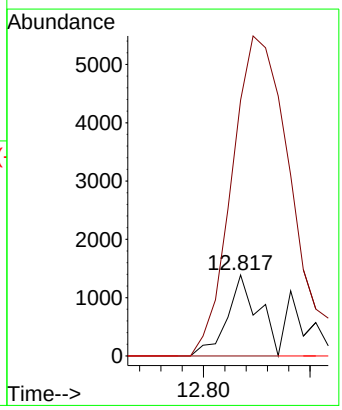


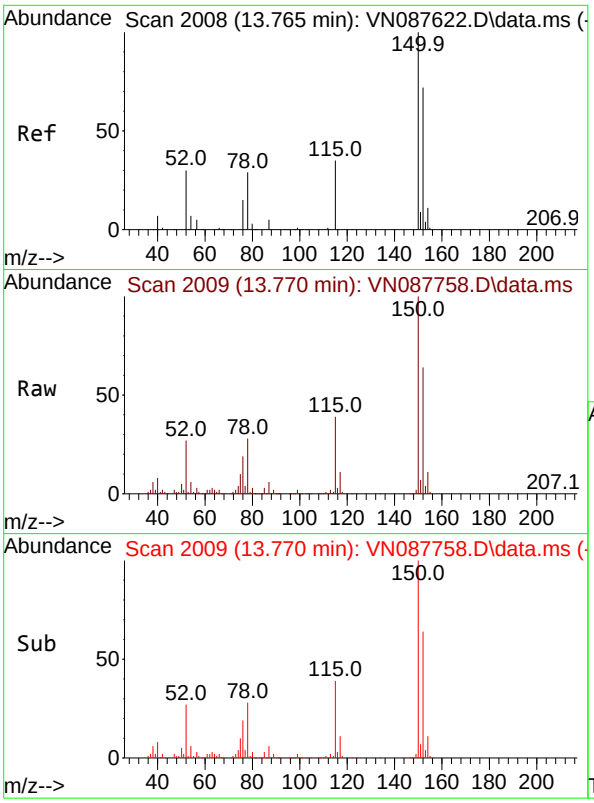


#71
Bromoform
Concen: 0.543 ug/l
RT: 12.817 min Scan# 1847
Delta R.T. 0.259 min
Lab File: VN087758.D
Acq: 08 Sep 2025 14:01

Tgt Ion:173 Resp: 1421

Ion	Ratio	Lower	Upper
173	100		
175	582.2	24.9	74.6#
254	0.0	0.1	0.1#



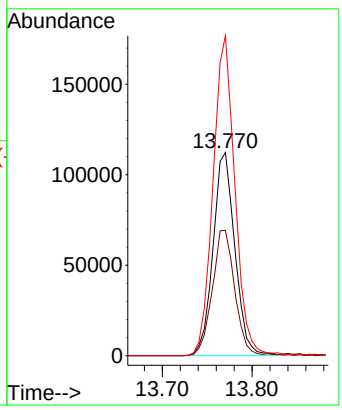


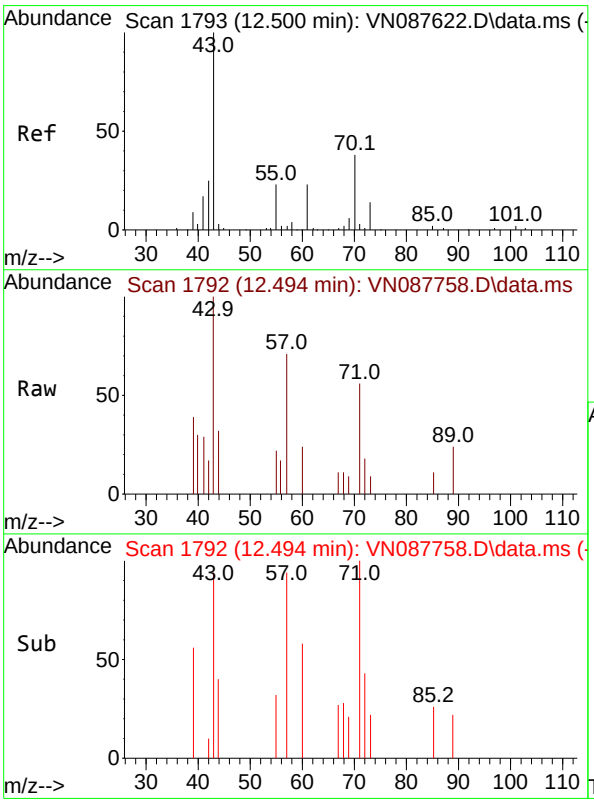
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.770 min Scan# 2
Delta R.T. 0.006 min
Lab File: VN087758.D
Acq: 08 Sep 2025 14:01

Instrument :
MSVOA_N
ClientSampleId :
TP-2

Tgt Ion:152 Resp: 189784

Ion	Ratio	Lower	Upper
152	100		
115	63.9	32.3	96.8
150	157.6	0.0	351.0

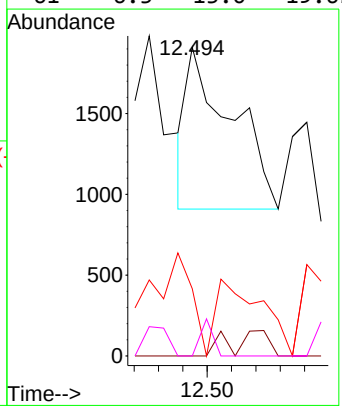


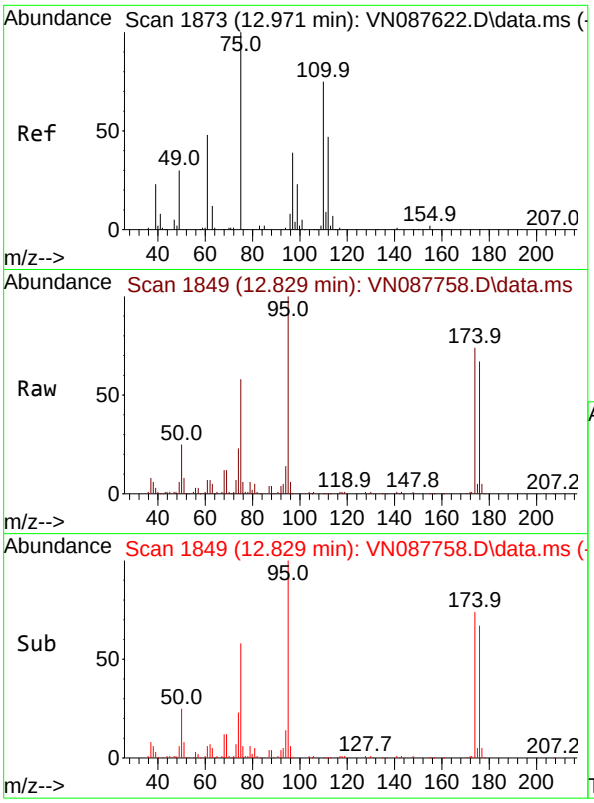


#74
N-amyl acetate
Concen: 0.221 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. -0.006 min
Lab File: VN087758.D
Acq: 08 Sep 2025 14:01

Tgt Ion: 43 Resp: 1284

Ion	Ratio	Lower	Upper
43	100		
70	0.0	27.6	41.4#
55	48.1	13.0	19.6#
61	6.3	13.0	19.6#



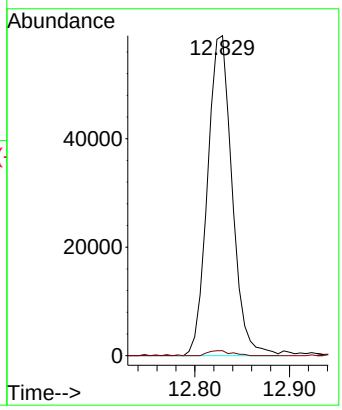


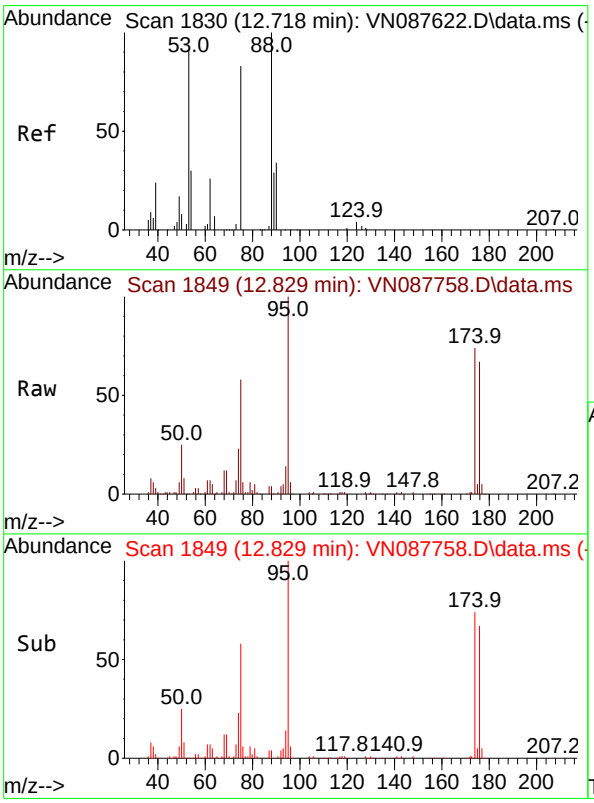
#76
1,2,3-Trichloropropane
Concen: 23.869 ug/l
RT: 12.829 min Scan# 1
Delta R.T. -0.141 min
Lab File: VN087758.D
Acq: 08 Sep 2025 14:01

Instrument :
MSVOA_N
ClientSampleId :
TP-2

Tgt Ion: 75 Resp: 106228

Ion	Ratio	Lower	Upper
75	100		
77	1.5	89.1	267.4#





#81
trans-1,4-Dichloro-2-butene
Concen: 63.189 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.112 min
Lab File: VN087758.D
Acq: 08 Sep 2025 14:01

Tgt Ion: 75 Resp: 106228

Ion	Ratio	Lower	Upper
75	100		
53	0.2	101.8	152.6#
89	0.4	35.6	53.4#