Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091925\
Data File : VN087901.D
Acq On : 19 Sep 2025 11:05
Operator : JC\MD
Sample : VN0919WBL01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Sep 20 03:01:55 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	185009	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	405743	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	383735	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	180472	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	183350	48.369	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 96.740%			
35) Dibromofluoromethane	8.147	113	149757	51.121	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.240%			
50) Toluene-d8	10.547	98	504090	45.975	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 91.960%			
62) 4-Bromofluorobenzene	12.829	95	175161	44.921	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 89.840%			
Target Compounds						Qvalue
5) Bromomethane	2.995	94	763	0.472	ug/l	97
10) Methyl Iodide	4.577	142	142	6.874	ug/l #	38
11) Tert butyl alcohol	5.489	59	133	0.202	ug/l #	71
13) Acrolein	4.165	56	236	0.292	ug/l #	14
16) Acetone	4.412	43	1047	0.507	ug/l #	47
17) Carbon Disulfide	4.706	76	1509	0.205	ug/l #	74
20) Methylene Chloride	5.271	84	293	Below Cal	#	43
31) Cyclohexane	8.212	56	5334	1.119	ug/l #	36
36) 1,1-Dichloropropene	8.206	75	15592	3.469	ug/l #	50
38) Carbon Tetrachloride	8.206	117	20755	4.677	ug/l #	14
67) Ethyl Benzene	11.941	91	3901	0.236	ug/l #	71
68) m/p-Xylenes	12.047	106	6288	1.037	ug/l	100
69) o-Xylene	12.376	106	2545	0.428	ug/l	89
76) 1,2,3-Trichloropropane	12.829	75	95408	22.544	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.829	75	95408	59.681	ug/l #	1
93) 1,2,4-Trichlorobenzene	15.364	180	794	0.206	ug/l #	73

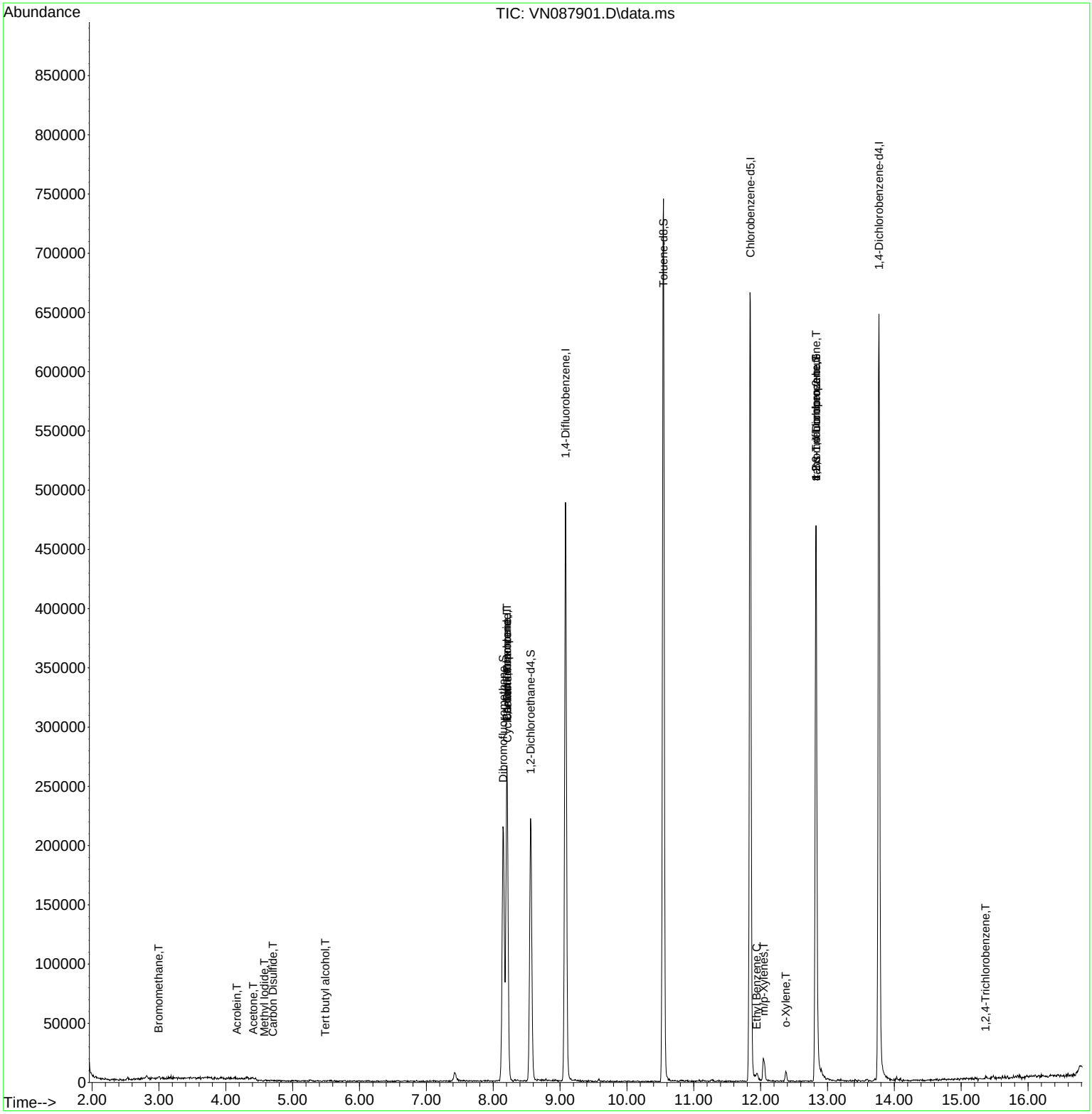
(#) = qualifier out of range (m) = manual integration (+) = signals summed

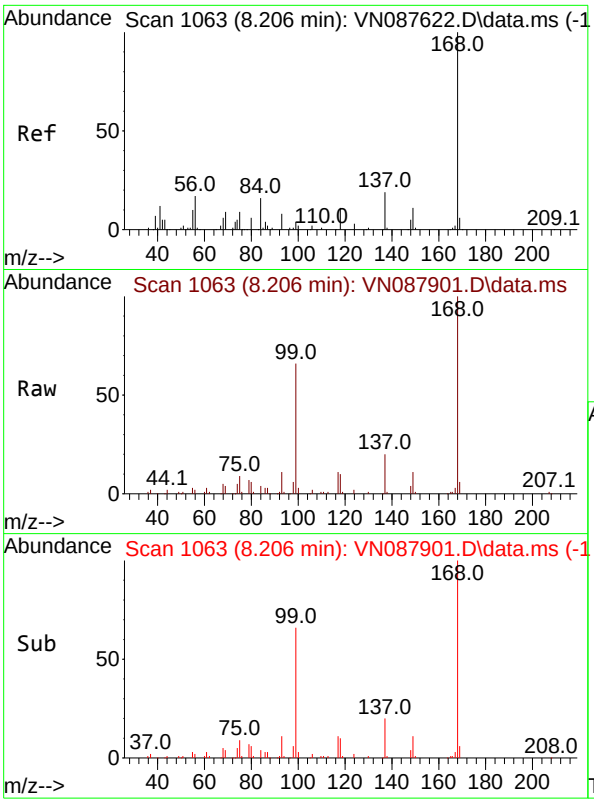
Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091925\
Data File : VN087901.D
Acq On : 19 Sep 2025 11:05
Operator : JC\MD
Sample : VN0919WBL01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Sep 20 03:01:55 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



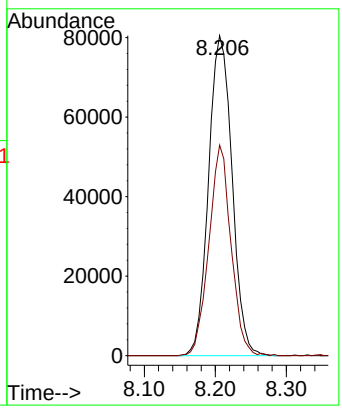


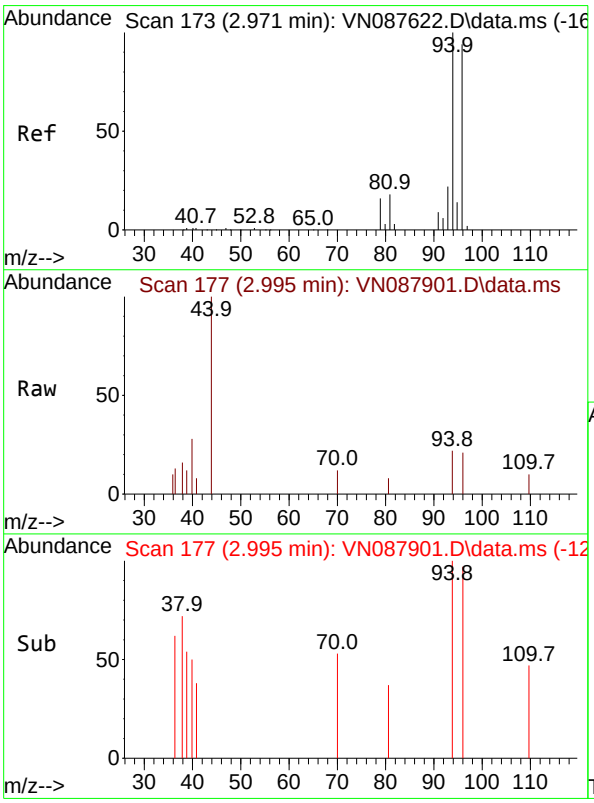
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN087901.D
Acq: 19 Sep 2025 11:05

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:168 Resp: 185009

Ion	Ratio	Lower	Upper
168	100		
99	65.8	57.2	85.8

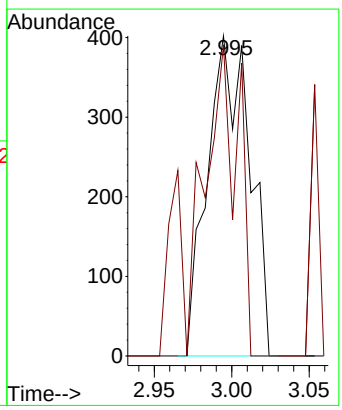


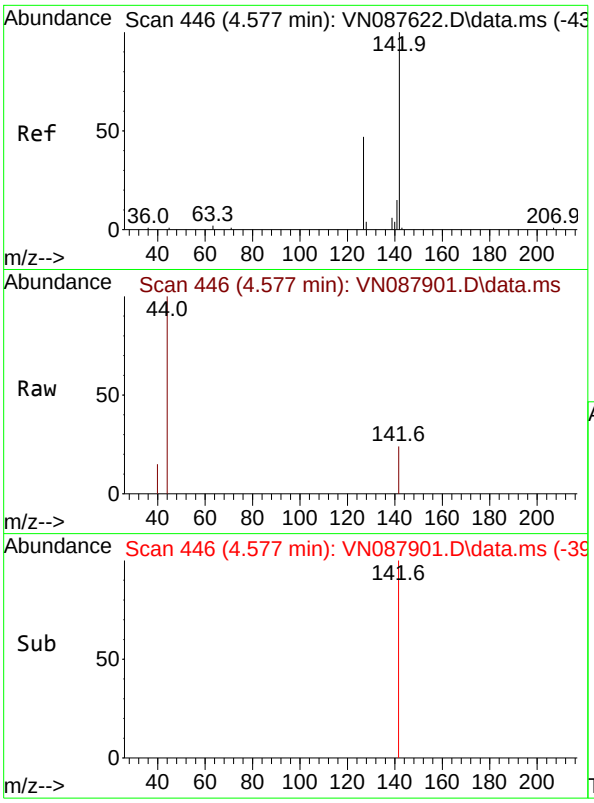


#5
Bromomethane
Concen: 0.472 ug/l
RT: 2.995 min Scan# 177
Delta R.T. 0.023 min
Lab File: VN087901.D
Acq: 19 Sep 2025 11:05

Tgt Ion: 94 Resp: 763

Ion	Ratio	Lower	Upper
94	100		
96	97.3	75.4	113.2



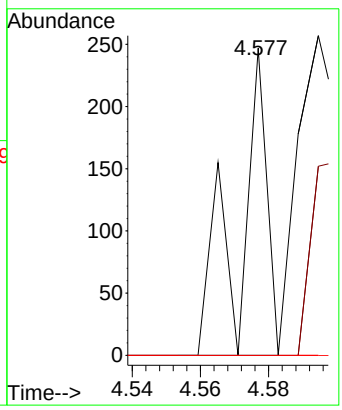


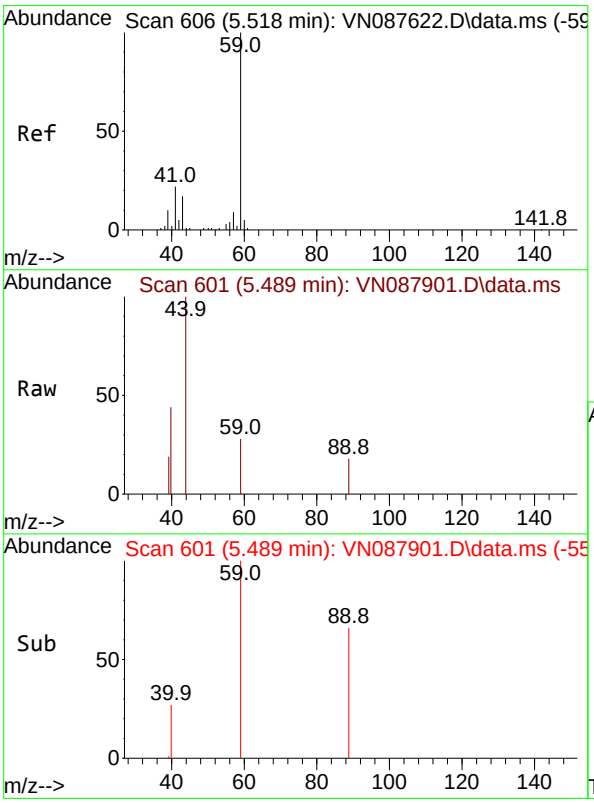
#10
Methyl Iodide
Concen: 6.874 ug/l
RT: 4.577 min Scan# 44
Delta R.T. -0.000 min
Lab File: VN087901.D
Acq: 19 Sep 2025 11:05

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:142 Resp: 142

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

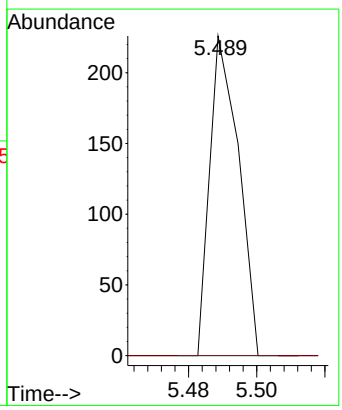


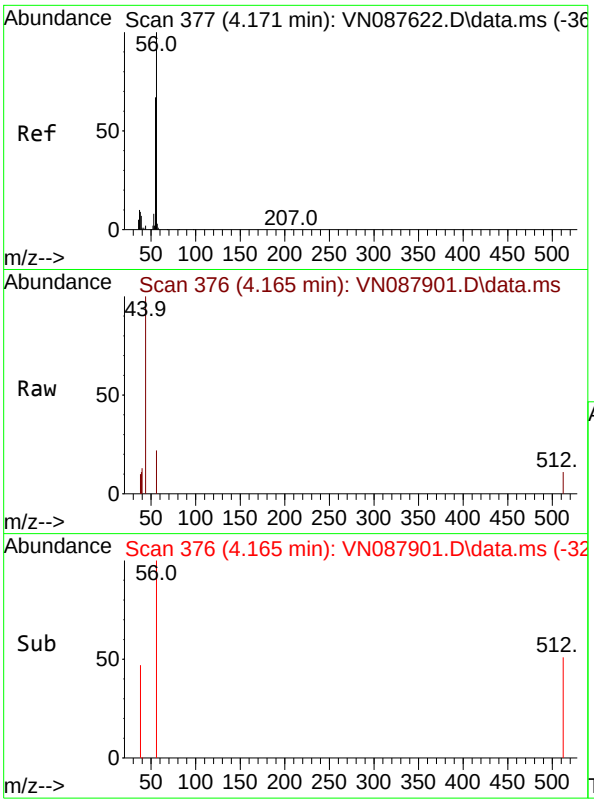


#11
Tert butyl alcohol
Concen: 0.202 ug/l
RT: 5.489 min Scan# 601
Delta R.T. -0.029 min
Lab File: VN087901.D
Acq: 19 Sep 2025 11:05

Tgt Ion: 59 Resp: 133

Ion	Ratio	Lower	Upper
59	100		
57	0.0	9.0	13.4#



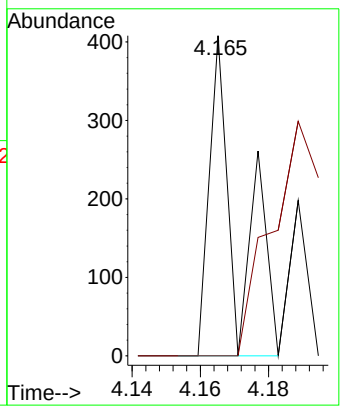


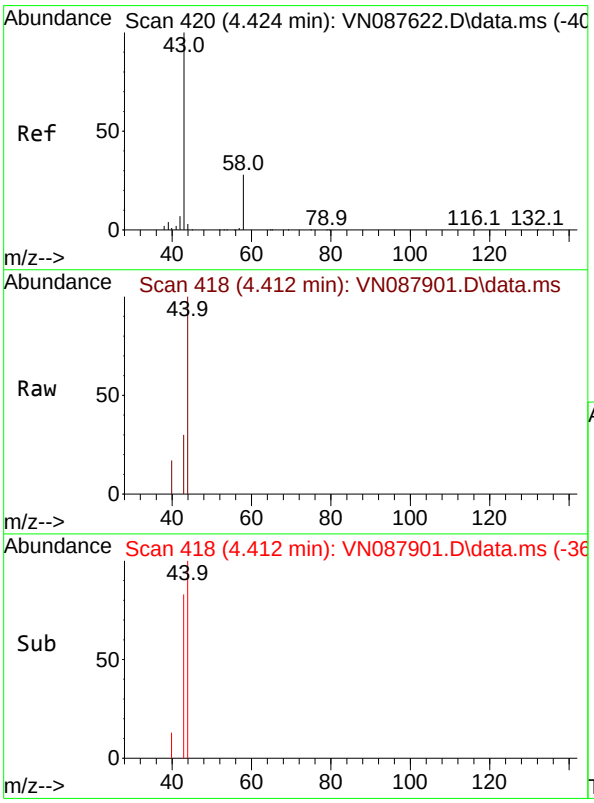
#13
Acrolein
Concen: 0.292 ug/l
RT: 4.165 min Scan# 3
Delta R.T. -0.006 min
Lab File: VN087901.D
Acq: 19 Sep 2025 11:05

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 56 Resp: 236

Ion	Ratio	Lower	Upper
56	100		
55	0.0	57.3	85.9#

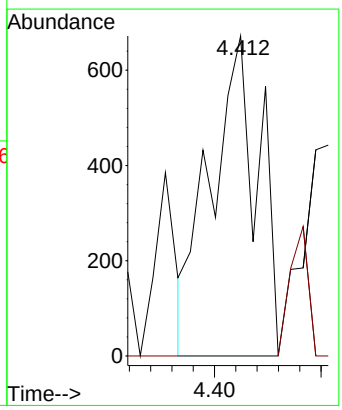


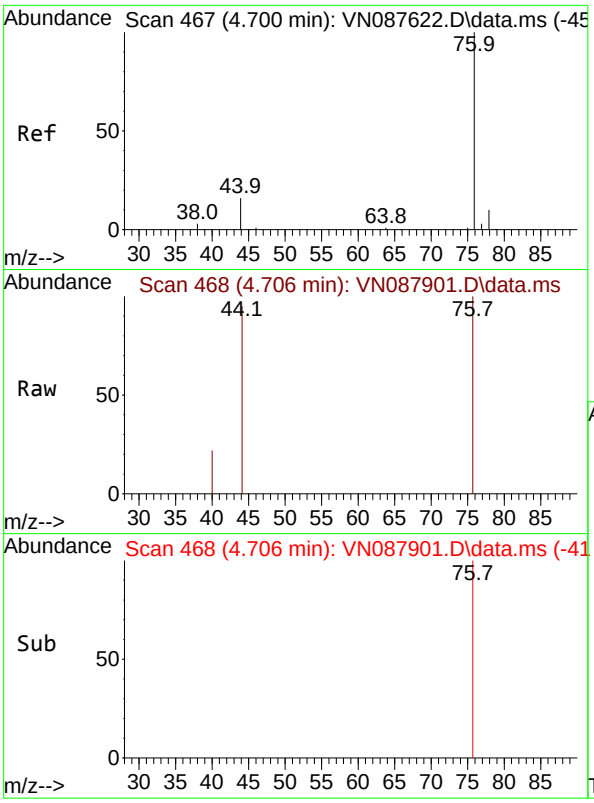


#16
Acetone
Concen: 0.507 ug/l
RT: 4.412 min Scan# 418
Delta R.T. -0.012 min
Lab File: VN087901.D
Acq: 19 Sep 2025 11:05

Tgt Ion: 43 Resp: 1047

Ion	Ratio	Lower	Upper
43	100		
58	0.0	22.6	33.8#



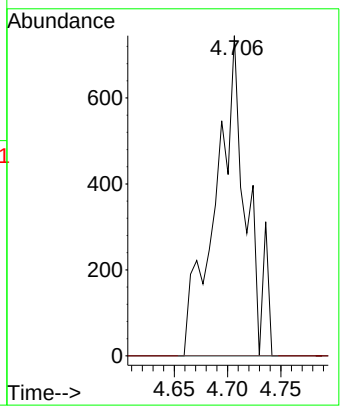


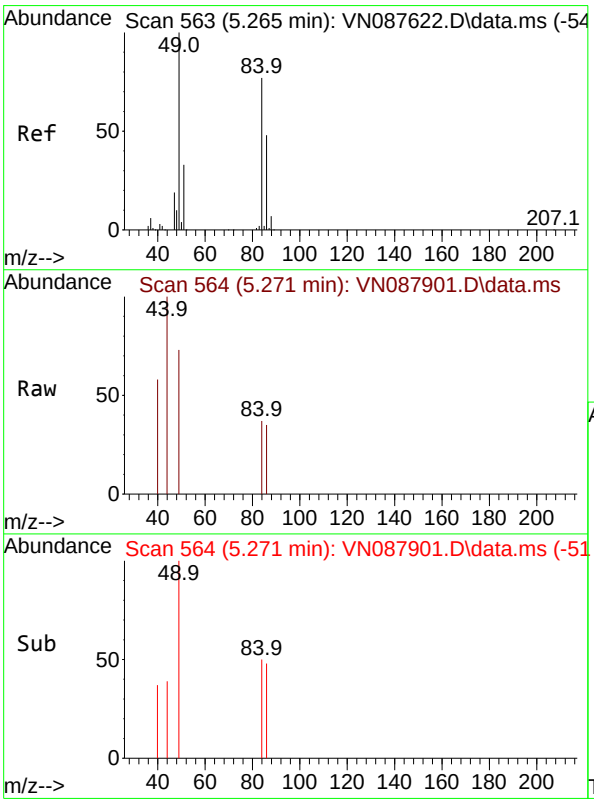
#17
Carbon Disulfide
Concen: 0.205 ug/l
RT: 4.706 min Scan# 4
Delta R.T. 0.006 min
Lab File: VN087901.D
Acq: 19 Sep 2025 11:05

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 76 Resp: 1509

Ion	Ratio	Lower	Upper
76	100		
78	0.0	7.6	11.4#

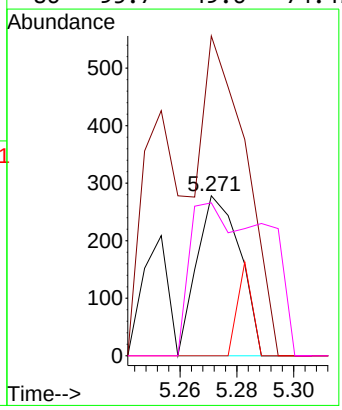


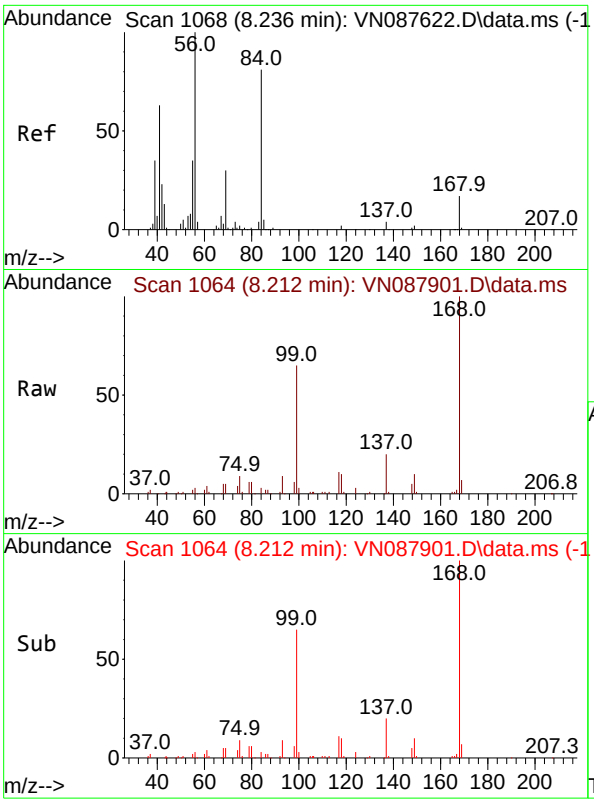


#20
Methylene Chloride
Concen: Below Cal
RT: 5.271 min Scan# 564
Delta R.T. 0.006 min
Lab File: VN087901.D
Acq: 19 Sep 2025 11:05

Tgt Ion: 84 Resp: 293

Ion	Ratio	Lower	Upper
84	100		
49	200.0	103.4	155.2#
51	0.0	33.8	50.8#
86	95.7	49.6	74.4#



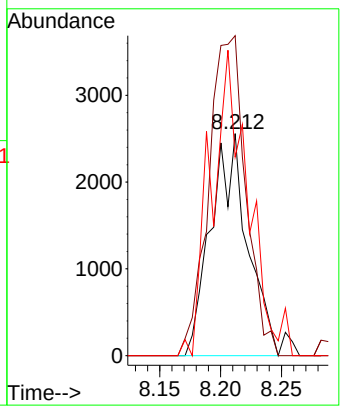


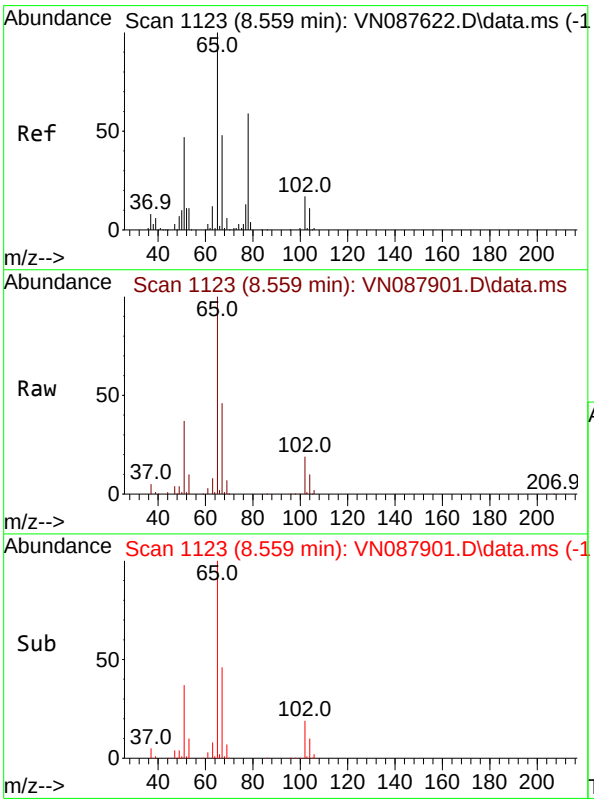
#31
Cyclohexane
Concen: 1.119 ug/l
RT: 8.212 min Scan# 1
Delta R.T. -0.024 min
Lab File: VN087901.D
Acq: 19 Sep 2025 11:05

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 56 Resp: 5334

Ion	Ratio	Lower	Upper
56	100		
69	144.1	23.7	35.5#
84	89.4	64.7	97.1

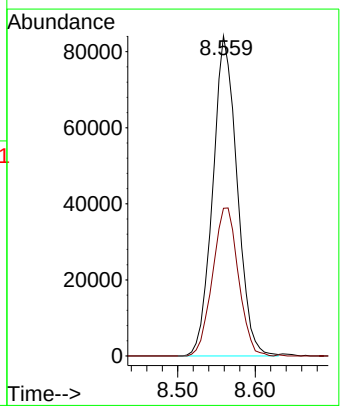


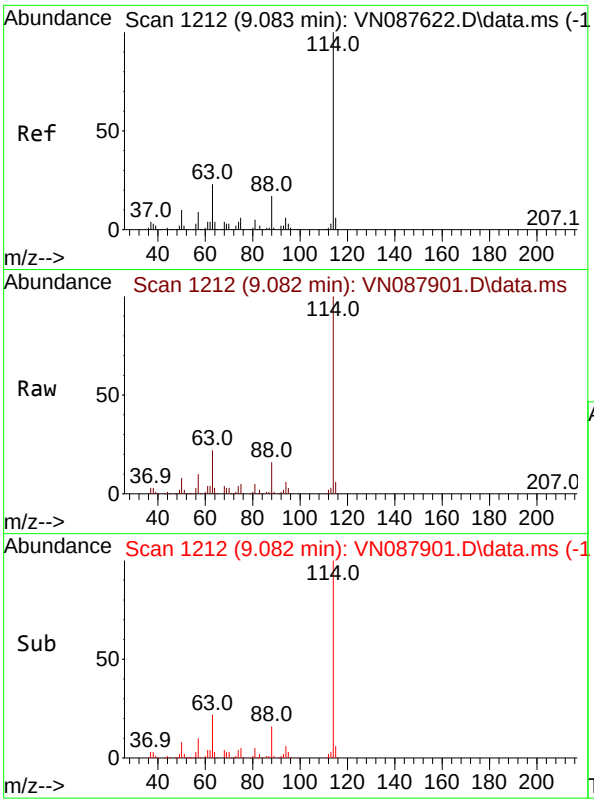


#33
1,2-Dichloroethane-d4
Concen: 48.369 ug/l
RT: 8.559 min Scan# 1123
Delta R.T. -0.000 min
Lab File: VN087901.D
Acq: 19 Sep 2025 11:05

Tgt Ion: 65 Resp: 183350

Ion	Ratio	Lower	Upper
65	100		
67	49.2	0.0	100.0



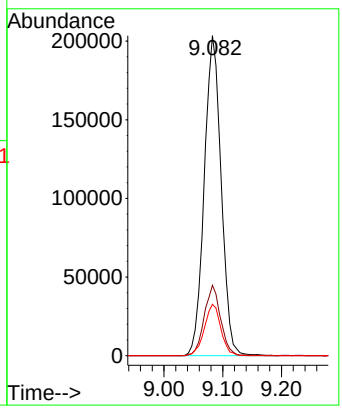


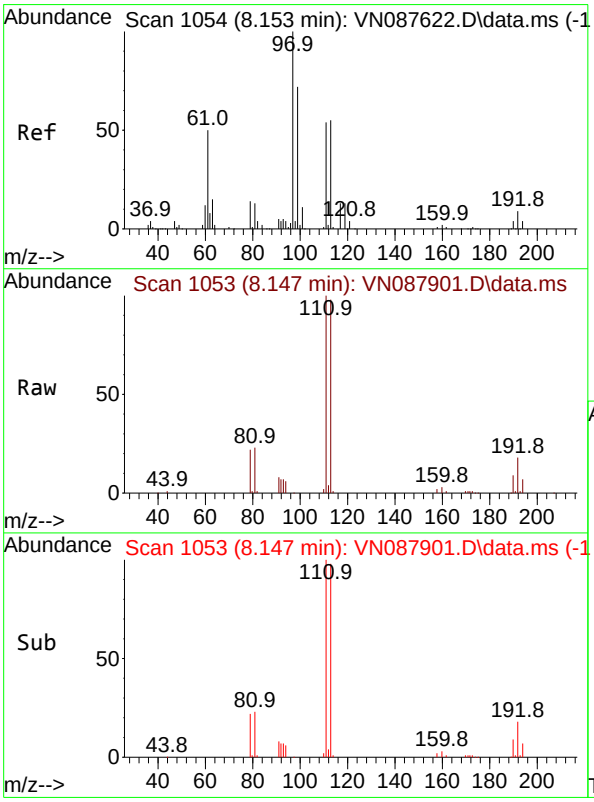
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.082 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN087901.D
Acq: 19 Sep 2025 11:05

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:114 Resp: 405743

Ion	Ratio	Lower	Upper
114	100		
63	22.0	0.0	45.2
88	16.1	0.0	33.4

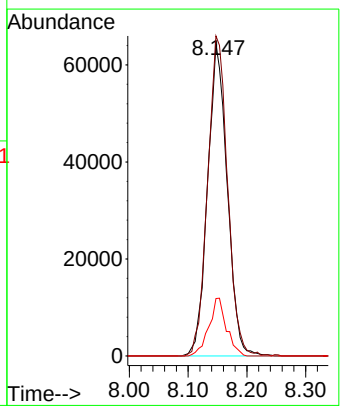


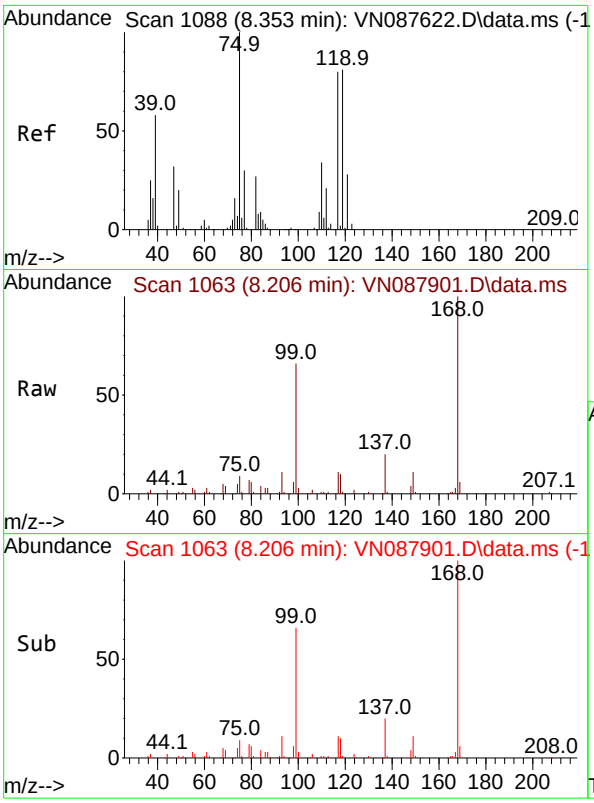


#35
Dibromofluoromethane
Concen: 51.121 ug/l
RT: 8.147 min Scan# 1053
Delta R.T. -0.006 min
Lab File: VN087901.D
Acq: 19 Sep 2025 11:05

Tgt Ion:113 Resp: 149757

Ion	Ratio	Lower	Upper
113	100		
111	103.7	82.8	124.2
192	16.6	12.8	19.2



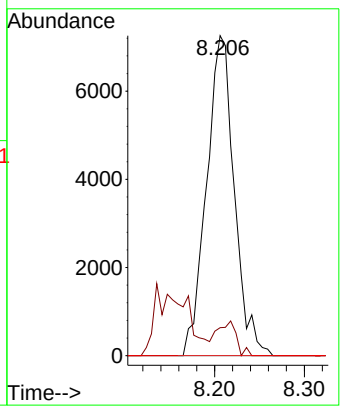


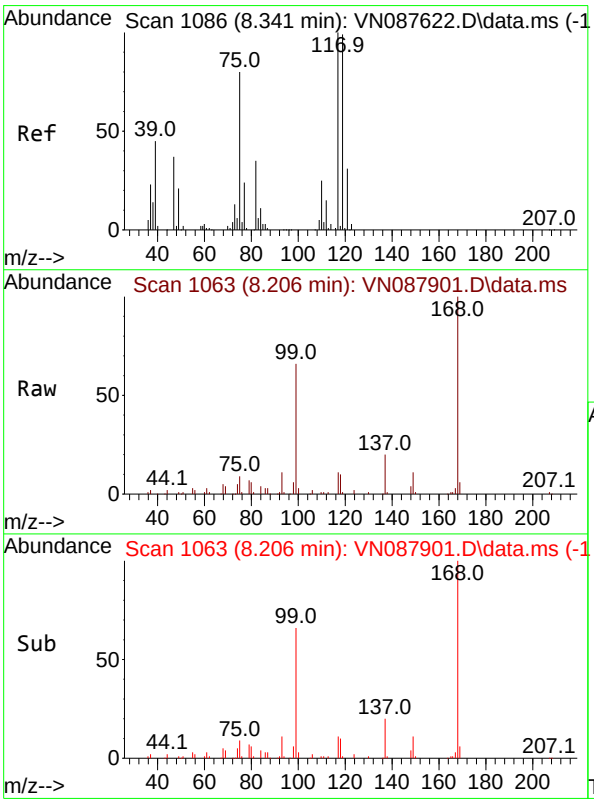
#36
1,1-Dichloropropene
Concen: 3.469 ug/l
RT: 8.206 min Scan# 1
Delta R.T. -0.147 min
Lab File: VN087901.D
Acq: 19 Sep 2025 11:05

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 15592

Ion	Ratio	Lower	Upper
75	100		
110	7.5	15.9	47.6#
77	0.0	24.4	36.6#

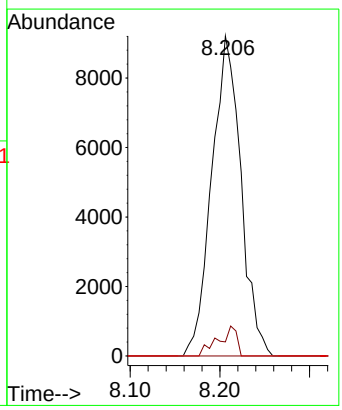


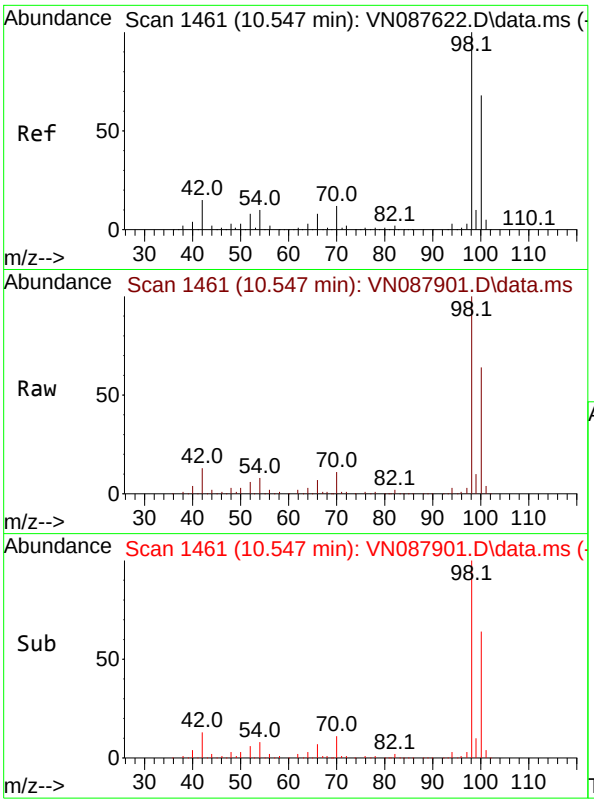


#38
Carbon Tetrachloride
Concen: 4.677 ug/l
RT: 8.206 min Scan# 1063
Delta R.T. -0.135 min
Lab File: VN087901.D
Acq: 19 Sep 2025 11:05

Tgt Ion:117 Resp: 20755

Ion	Ratio	Lower	Upper
117	100		
119	4.4	79.0	118.6#
121	0.0	25.0	37.6#



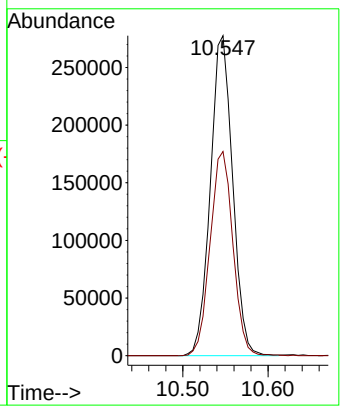


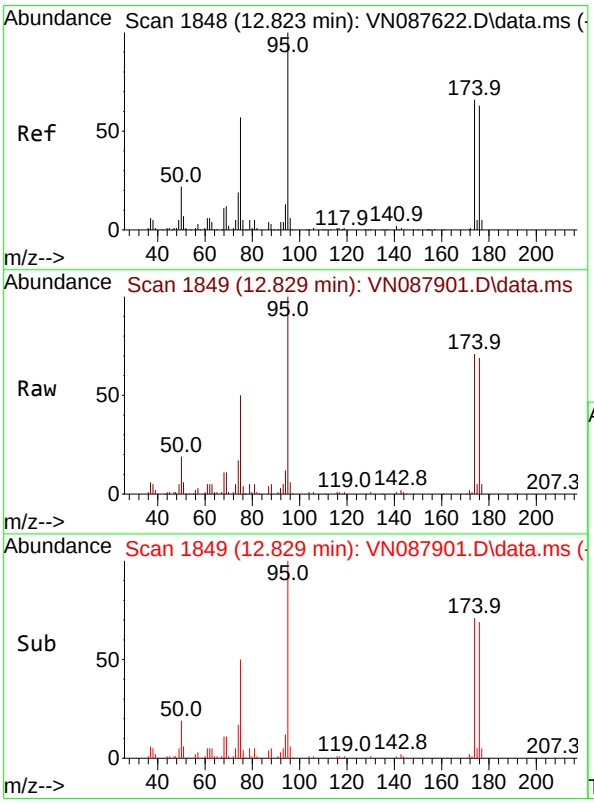
#50
Toluene-d8
Concen: 45.975 ug/l
RT: 10.547 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN087901.D
Acq: 19 Sep 2025 11:05

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 98 Resp: 504090

Ion	Ratio	Lower	Upper
98	100		
100	65.3	52.8	79.2

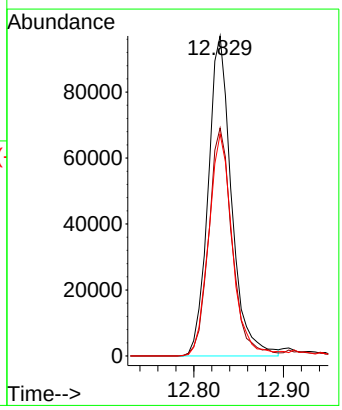


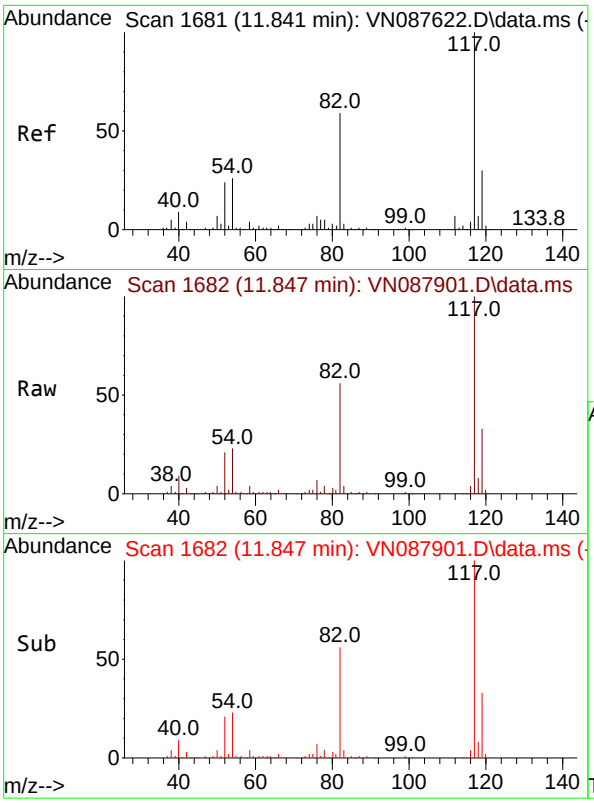


#62
4-Bromofluorobenzene
Concen: 44.921 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.006 min
Lab File: VN087901.D
Acq: 19 Sep 2025 11:05

Tgt Ion: 95 Resp: 175161

Ion	Ratio	Lower	Upper
95	100		
174	71.3	0.0	138.4
176	70.7	0.0	132.6



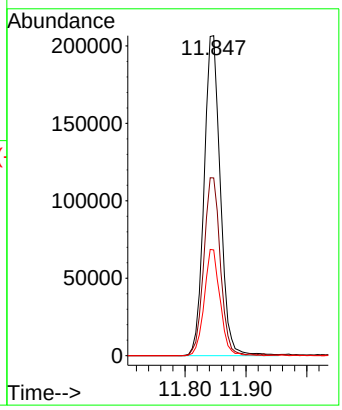


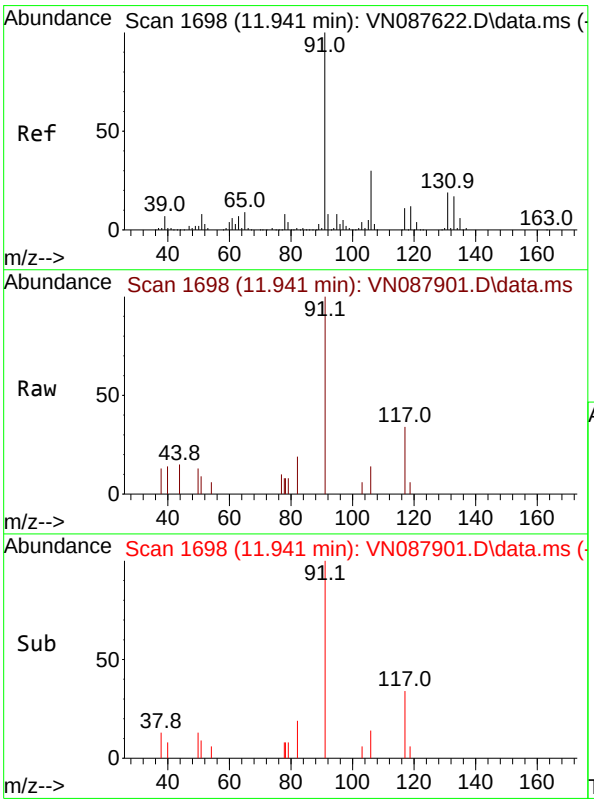
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.847 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN087901.D
Acq: 19 Sep 2025 11:05

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:117 Resp: 383735

Ion	Ratio	Lower	Upper
117	100		
82	55.5	47.4	71.2
119	33.0	24.3	36.5

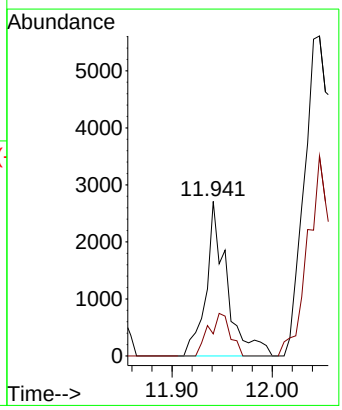


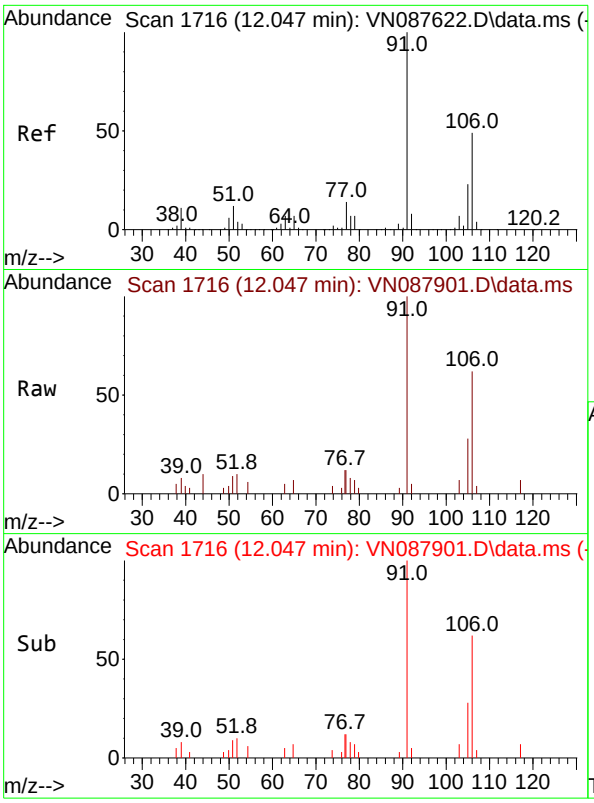


#67
Ethyl Benzene
Concen: 0.236 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VN087901.D
Acq: 19 Sep 2025 11:05

Tgt Ion: 91 Resp: 3901

Ion	Ratio	Lower	Upper
91	100		
106	14.3	24.1	36.1#



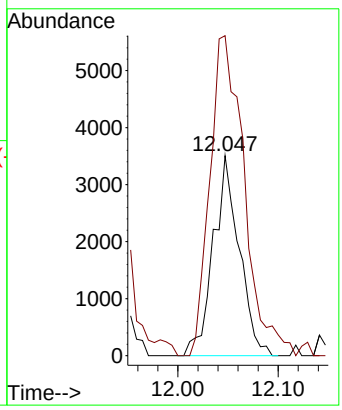


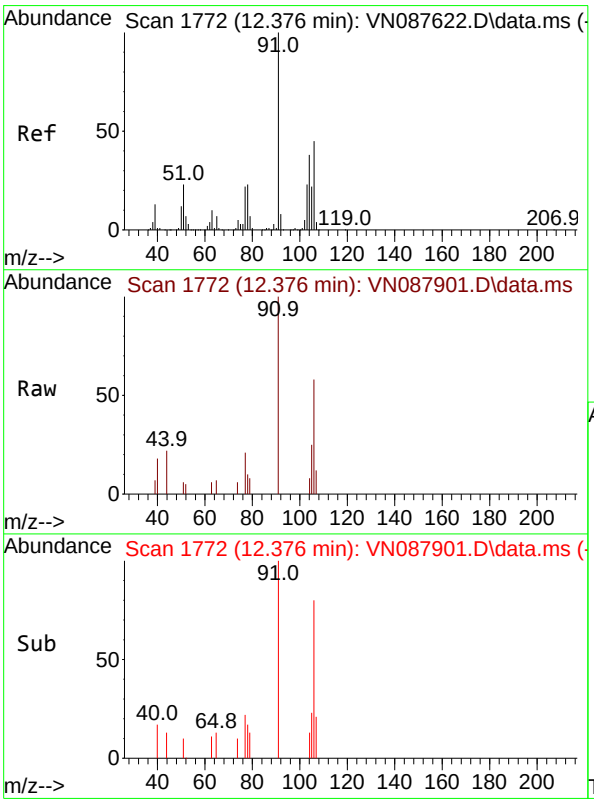
#68
m/p-Xylenes
Concen: 1.037 ug/l
RT: 12.047 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN087901.D
Acq: 19 Sep 2025 11:05

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:106 Resp: 6288

Ion	Ratio	Lower	Upper
106	100		
91	212.2	169.3	253.9

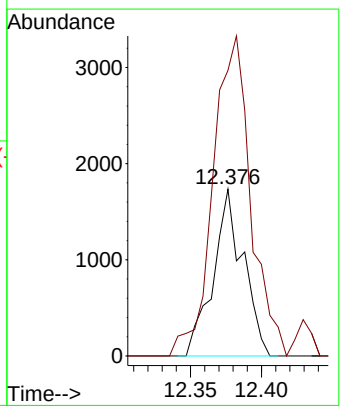


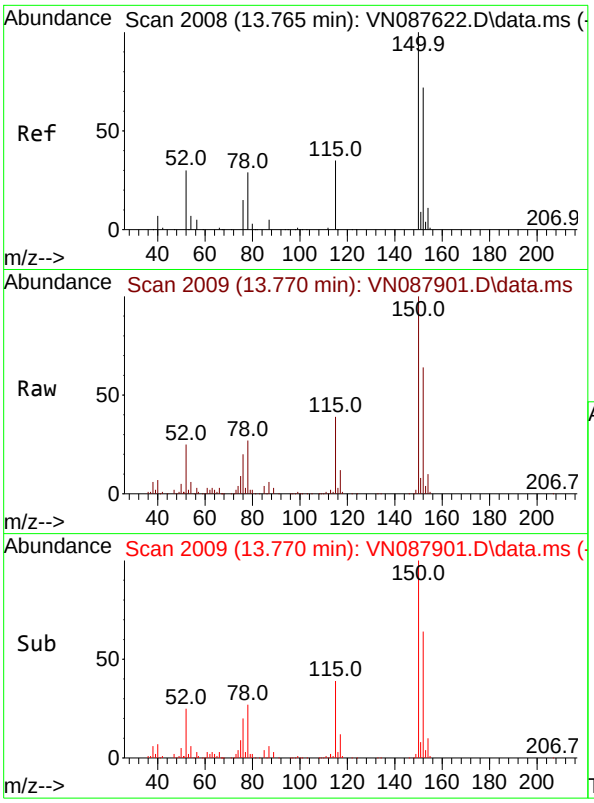


#69
o-Xylene
Concen: 0.428 ug/l
RT: 12.376 min Scan# 1772
Delta R.T. -0.000 min
Lab File: VN087901.D
Acq: 19 Sep 2025 11:05

Tgt Ion:106 Resp: 2545

Ion	Ratio	Lower	Upper
106	100		
91	240.9	111.4	334.2



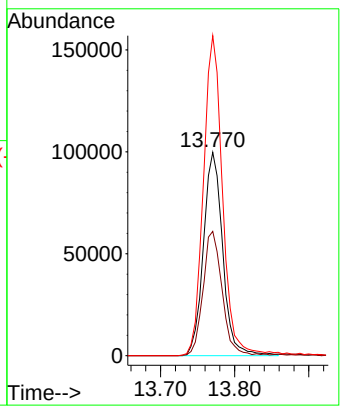


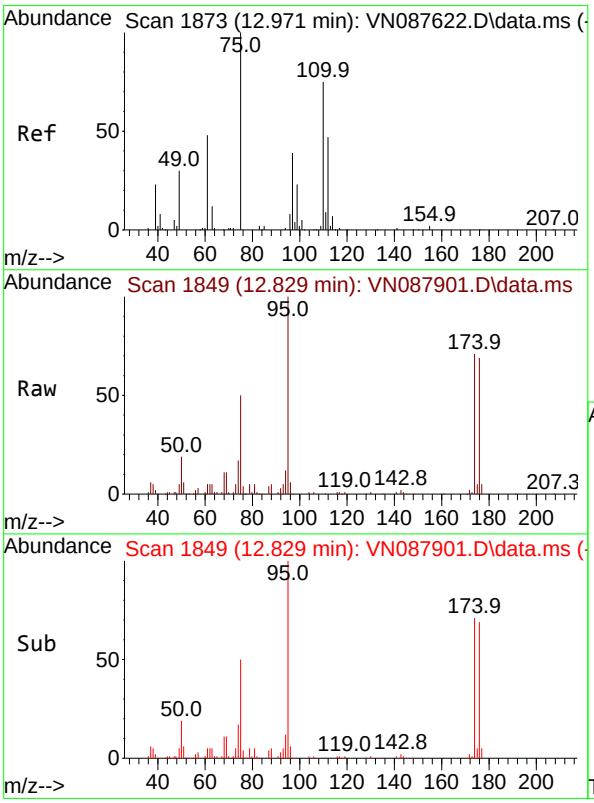
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.770 min Scan# 2
Delta R.T. 0.006 min
Lab File: VN087901.D
Acq: 19 Sep 2025 11:05

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:152 Resp: 180472

Ion	Ratio	Lower	Upper
152	100		
115	60.5	32.3	96.8
150	156.6	0.0	351.0

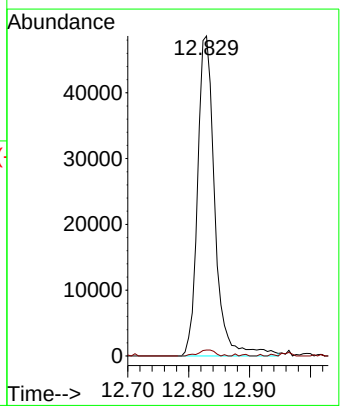


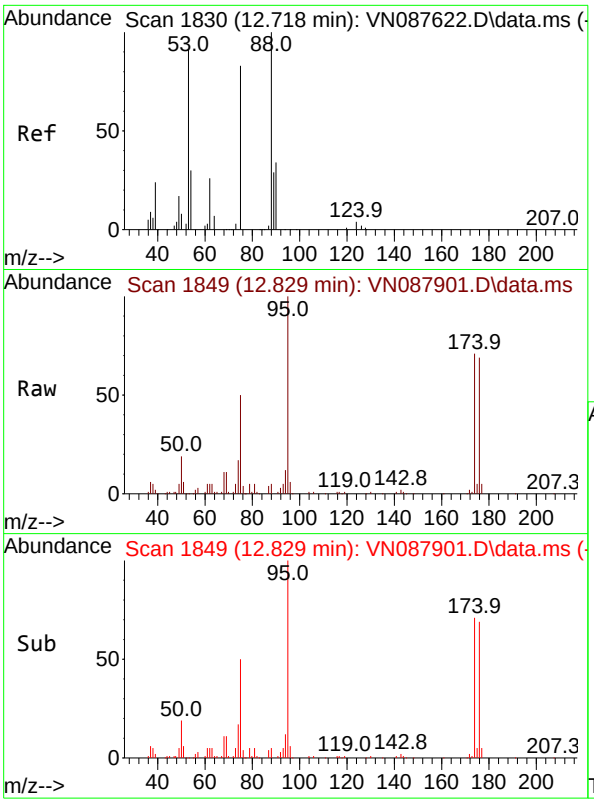


#76
1,2,3-Trichloropropane
Concen: 22.544 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. -0.141 min
Lab File: VN087901.D
Acq: 19 Sep 2025 11:05

Tgt Ion: 75 Resp: 95408

Ion	Ratio	Lower	Upper
75	100		
77	1.8	89.1	267.4#



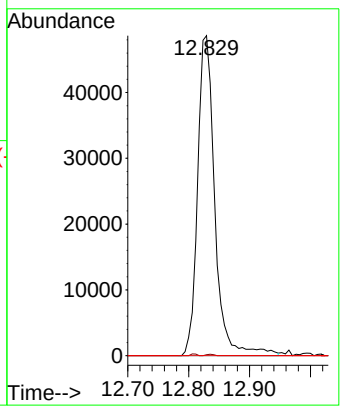


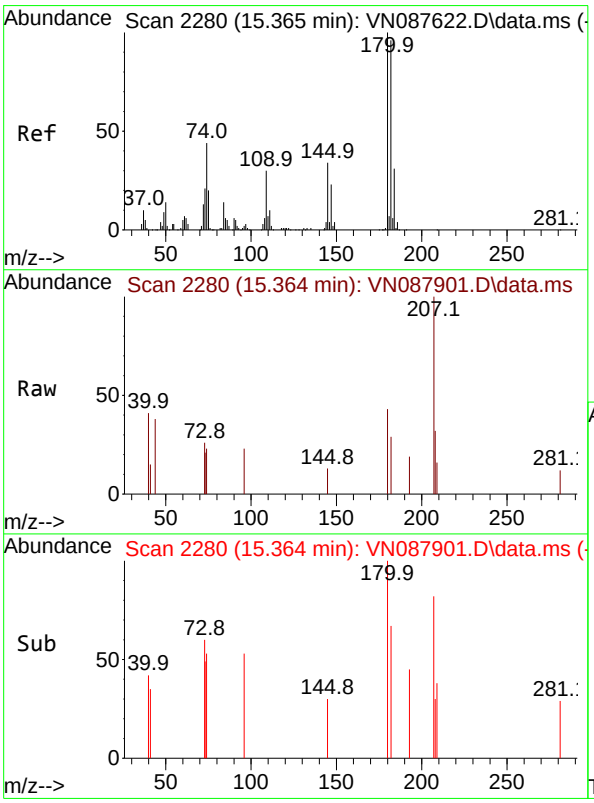
#81
trans-1,4-Dichloro-2-butene
Concen: 59.681 ug/l
RT: 12.829 min Scan# 1
Delta R.T. 0.112 min
Lab File: VN087901.D
Acq: 19 Sep 2025 11:05

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 95408

Ion	Ratio	Lower	Upper
75	100		
53	0.2	101.8	152.6#
89	0.0	35.6	53.4#





#93
1,2,4-Trichlorobenzene
Concen: 0.206 ug/l
RT: 15.364 min Scan# 2280
Delta R.T. -0.000 min
Lab File: VN087901.D
Acq: 19 Sep 2025 11:05

Tgt Ion:180 Resp: 794

Ion	Ratio	Lower	Upper
180	100		
182	74.9	47.6	142.9
145	7.1	16.5	49.5#