Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091525\
Data File : VN087839.D
Acq On : 15 Sep 2025 15:43
Operator : JC\MD
Sample : Q3058-01ME
Misc : 6.28g/5mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
RPXY5ME

Quant Time: Sep 16 01:41:32 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	8.200	168	191442	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	434787	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	386645	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	170499	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	198573	50.625	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 101.260%			
35) Dibromofluoromethane	8.147	113	158865	50.608	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.220%			
50) Toluene-d8	10.541	98	549825	46.796	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 93.600%			
62) 4-Bromofluorobenzene	12.829	95	166435	39.832	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 79.660%			
Target Compounds						Qvalue
3) Chloromethane	2.389	50	910	0.326	ug/l #	42
5) Bromomethane	2.983	94	1190	0.712	ug/l #	10
10) Methyl Iodide	4.565	142	6352	9.544	ug/l #	83
11) Tert butyl alcohol	5.477	59	914	1.342	ug/l #	71
13) Acrolein	4.171	56	326	0.389	ug/l	83
16) Acetone	4.436	43	2940	1.377	ug/l #	65
17) Carbon Disulfide	4.665	76	2814	0.370	ug/l #	74
18) Methyl Acetate	5.018	43	17160	3.838	ug/l #	88
20) Methylene Chloride	5.265	84	1175	Below Cal	#	27
31) Cyclohexane	8.200	56	4820	0.977	ug/l #	7
36) 1,1-Dichloropropene	8.200	75	18226	3.785	ug/l #	51
38) Carbon Tetrachloride	8.200	117	20806	4.376	ug/l #	17
67) Ethyl Benzene	11.941	91	25828	1.551	ug/l	96
68) m/p-Xylenes	12.047	106	28891	4.730	ug/l	94
69) o-Xylene	12.370	106	7729	1.291	ug/l	78
76) 1,2,3-Trichloropropane	12.829	75	92320	23.090	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.829	75	92320	61.128	ug/l #	1
93) 1,2,4-Trichlorobenzene	15.376	180	1064	0.292	ug/l	81
94) Hexachlorobutadiene	15.476	225	584	0.449	ug/l #	72
95) Naphthalene	15.611	128	4338	0.336	ug/l #	91
96) 1,2,3-Trichlorobenzene	15.811	180	1222	0.343	ug/l	89

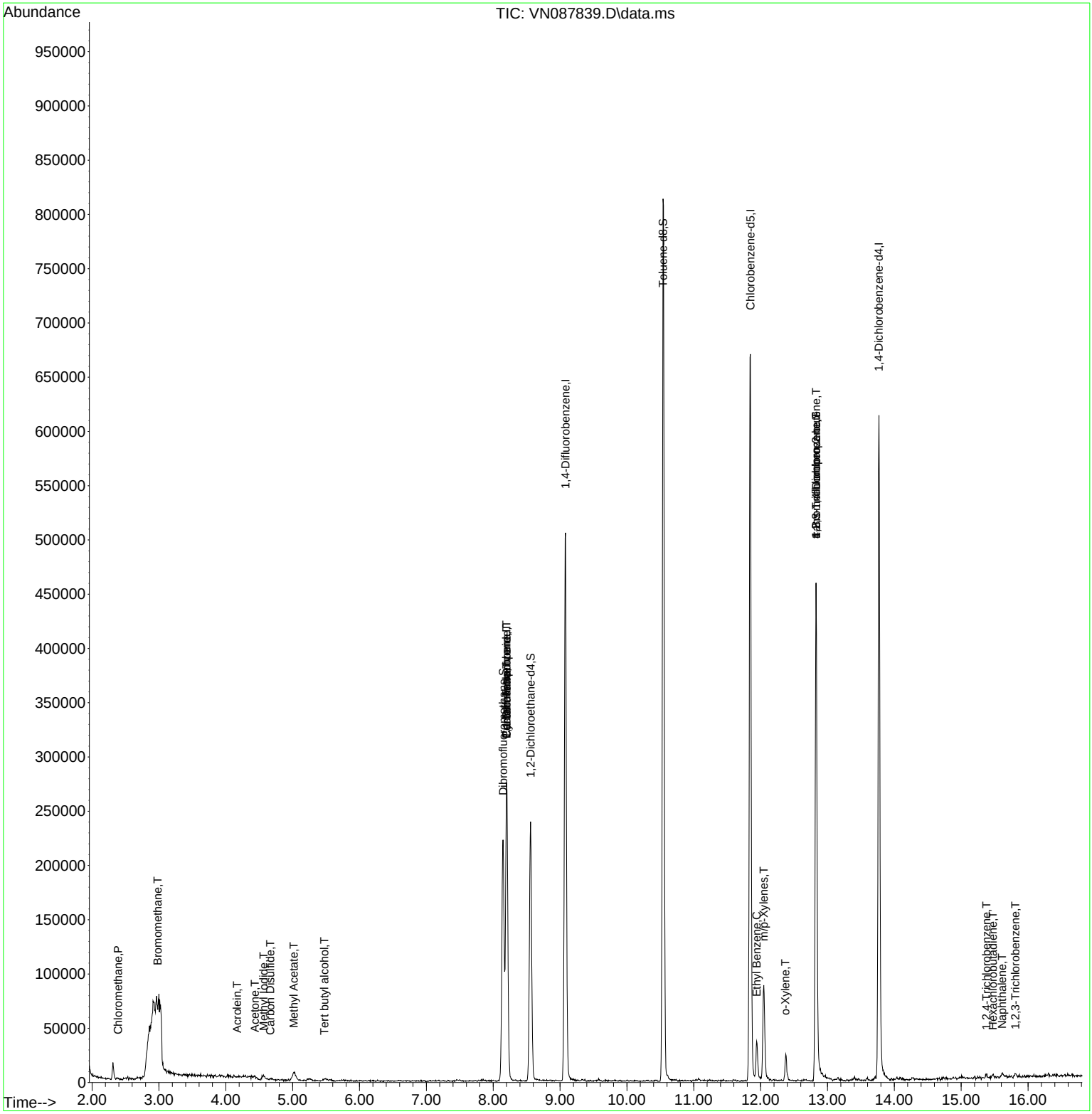
(#) = qualifier out of range (m) = manual integration (+) = signals summed

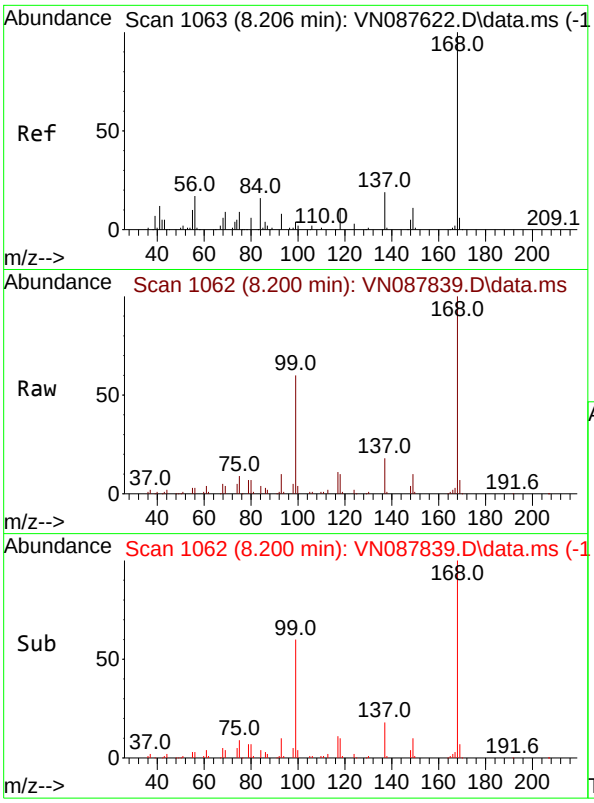
Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091525\
Data File : VN087839.D
Acq On : 15 Sep 2025 15:43
Operator : JC\MD
Sample : Q3058-01ME
Misc : 6.28g/5mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
RPXY5ME

Quant Time: Sep 16 01:41:32 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



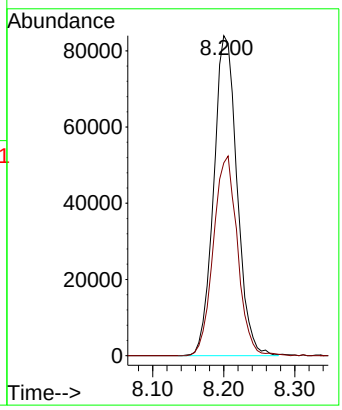


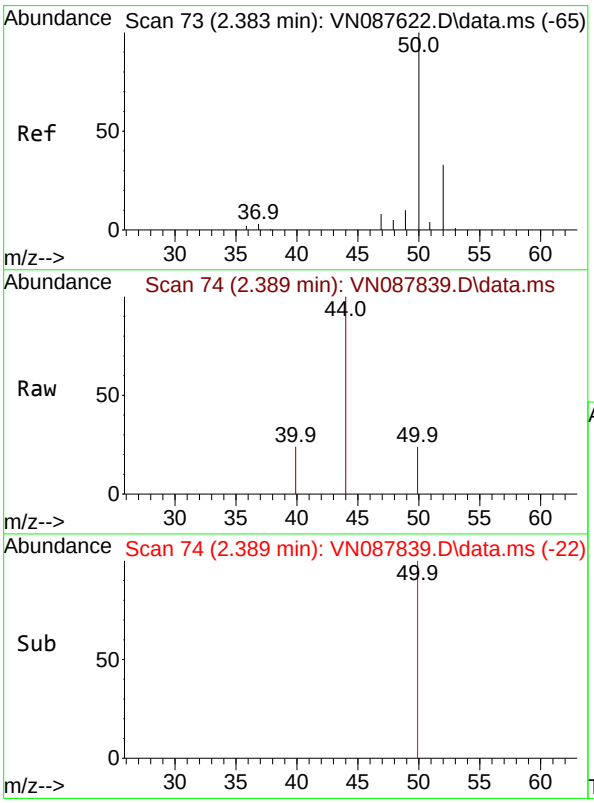
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.200 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN087839.D
Acq: 15 Sep 2025 15:43

Instrument :
MSVOA_N
ClientSampleId :
RPXY5ME

Tgt Ion:168 Resp: 191442

Ion	Ratio	Lower	Upper
168	100		
99	60.3	57.2	85.8

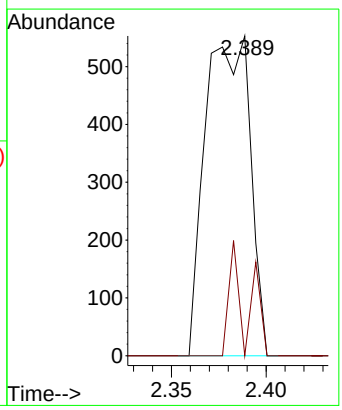


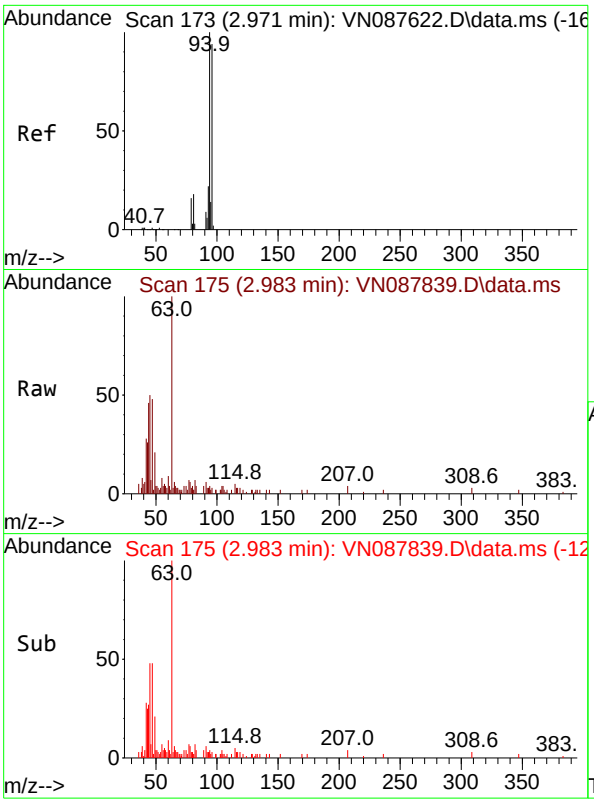


#3
Chloromethane
Concen: 0.326 ug/l
RT: 2.389 min Scan# 74
Delta R.T. 0.006 min
Lab File: VN087839.D
Acq: 15 Sep 2025 15:43

Tgt Ion: 50 Resp: 910

Ion	Ratio	Lower	Upper
50	100		
52	0.0	26.2	39.4#



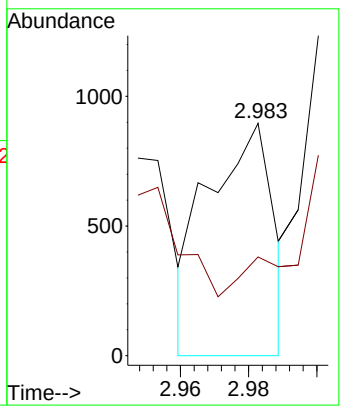


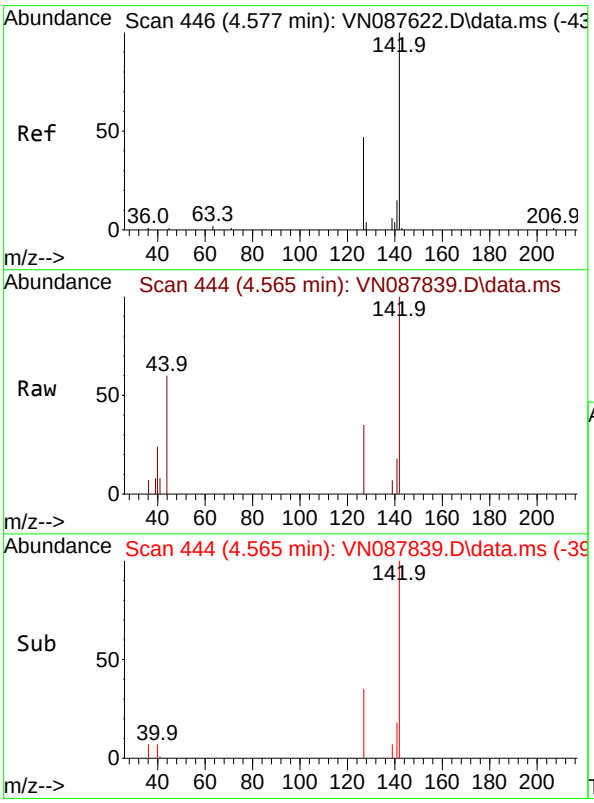
#5
Bromomethane
Concen: 0.712 ug/l
RT: 2.983 min Scan# 1
Delta R.T. 0.012 min
Lab File: VN087839.D
Acq: 15 Sep 2025 15:43

Instrument :
MSVOA_N
ClientSampleId :
RPXY5ME

Tgt Ion: 94 Resp: 1190

Ion	Ratio	Lower	Upper
94	100		
96	6.9	75.4	113.2#

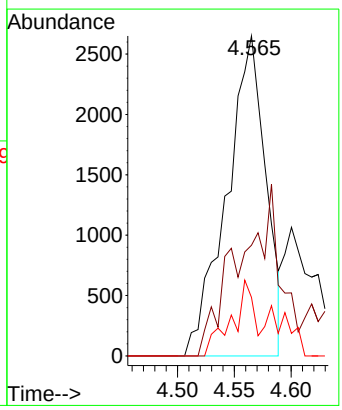


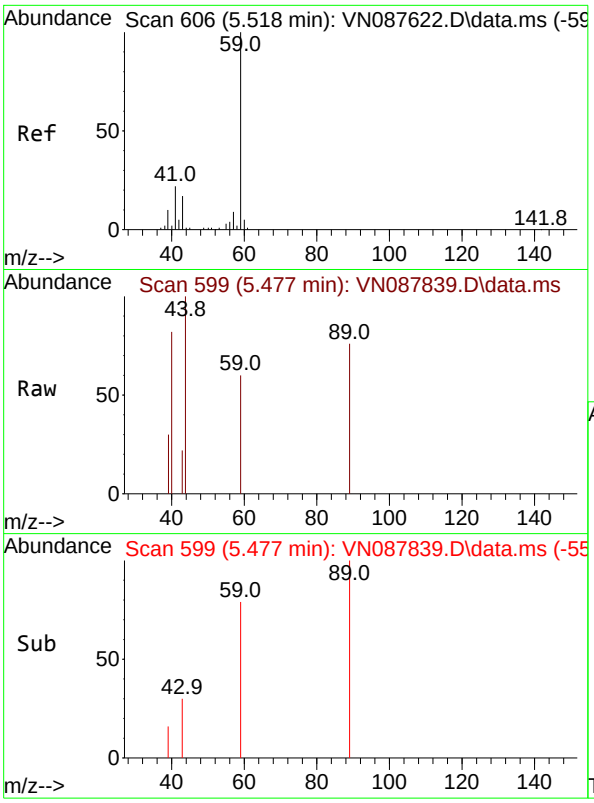


#10
Methyl Iodide
Concen: 9.544 ug/l
RT: 4.565 min Scan# 444
Delta R.T. -0.012 min
Lab File: VN087839.D
Acq: 15 Sep 2025 15:43

Tgt Ion:142 Resp: 6352

Ion	Ratio	Lower	Upper
142	100		
127	34.6	38.0	57.0#
141	18.3	12.0	18.0#



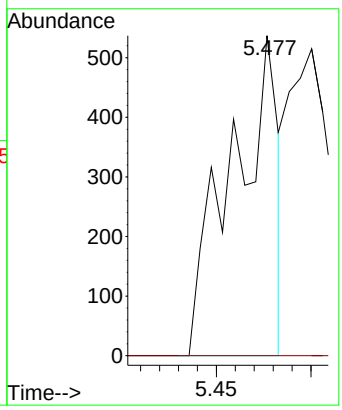


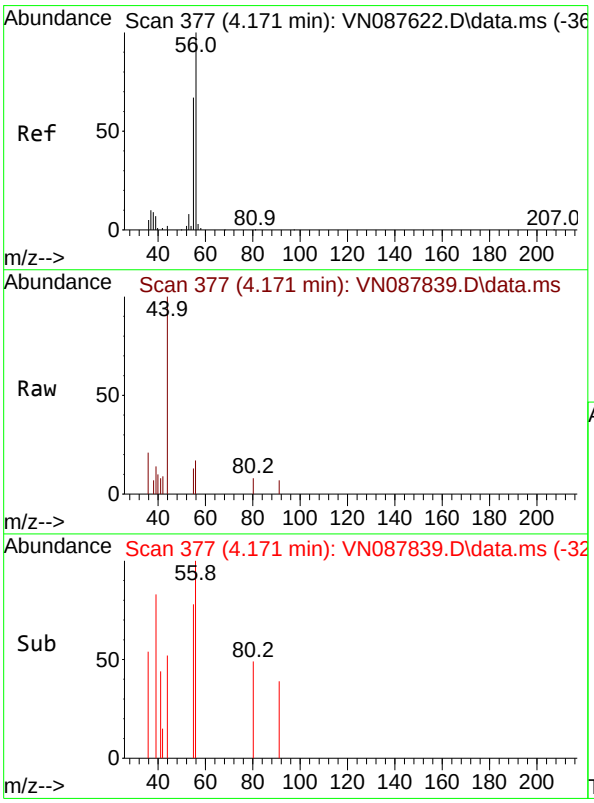
#11
Tert butyl alcohol
Concen: 1.342 ug/l
RT: 5.477 min Scan# 5
Delta R.T. -0.041 min
Lab File: VN087839.D
Acq: 15 Sep 2025 15:43

Instrument :
MSVOA_N
ClientSampleId :
RPXY5ME

Tgt Ion: 59 Resp: 914

Ion	Ratio	Lower	Upper
59	100		
57	0.0	9.0	13.4#

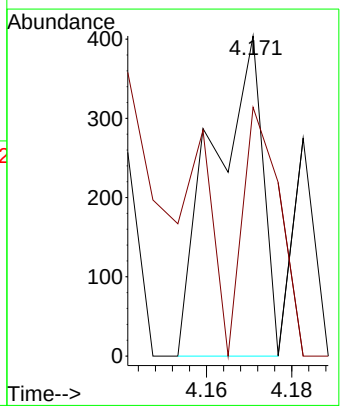


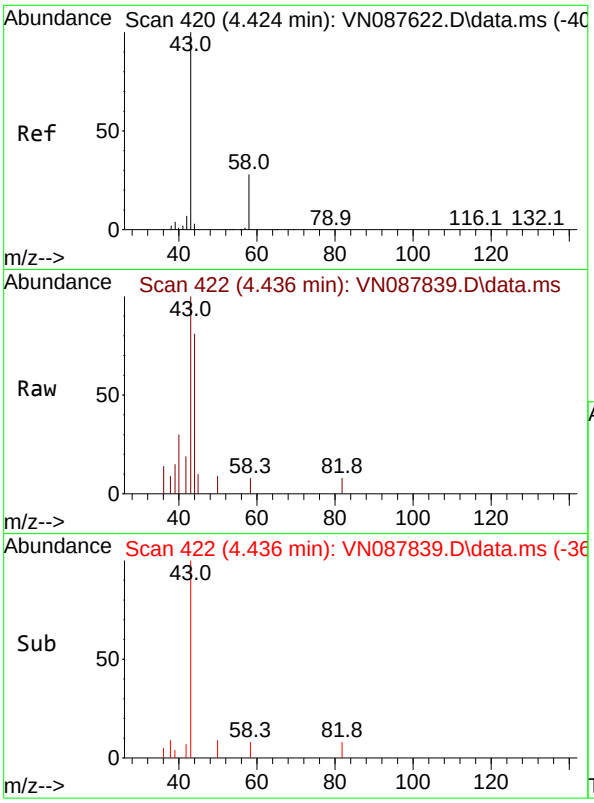


#13
Acrolein
Concen: 0.389 ug/l
RT: 4.171 min Scan# 377
Delta R.T. -0.000 min
Lab File: VN087839.D
Acq: 15 Sep 2025 15:43

Tgt Ion: 56 Resp: 326

Ion	Ratio	Lower	Upper
56	100		
55	57.7	57.3	85.9



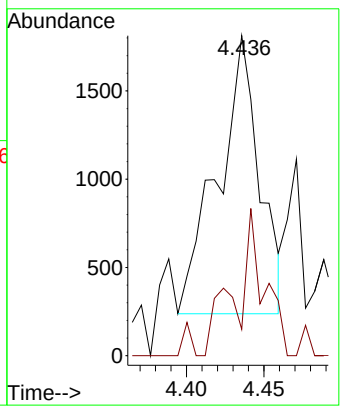


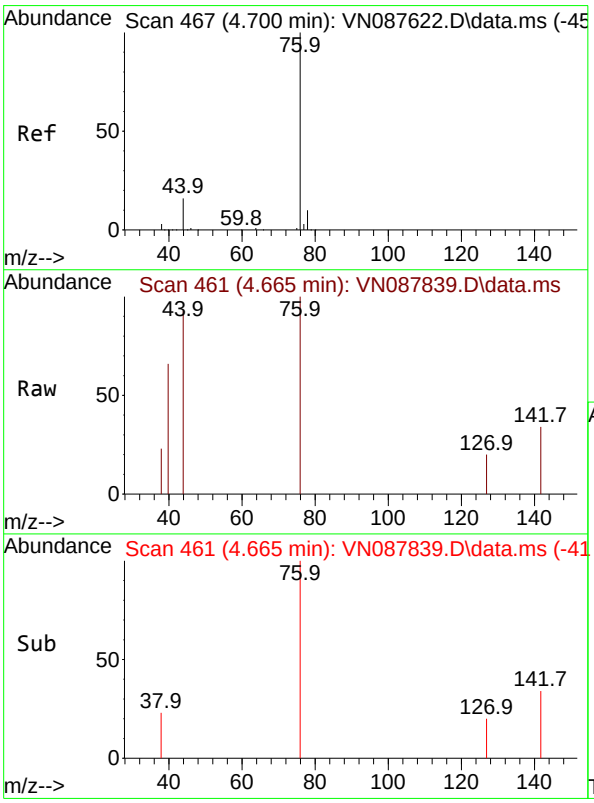
#16
Acetone
Concen: 1.377 ug/l
RT: 4.436 min Scan# 4
Delta R.T. 0.012 min
Lab File: VN087839.D
Acq: 15 Sep 2025 15:43

Instrument :
MSVOA_N
ClientSampleId :
RPXY5ME

Tgt Ion: 43 Resp: 2940

Ion	Ratio	Lower	Upper
43	100		
58	9.5	22.6	33.8#

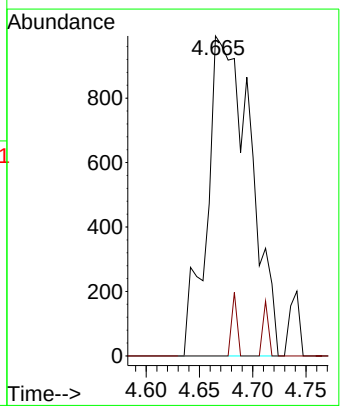


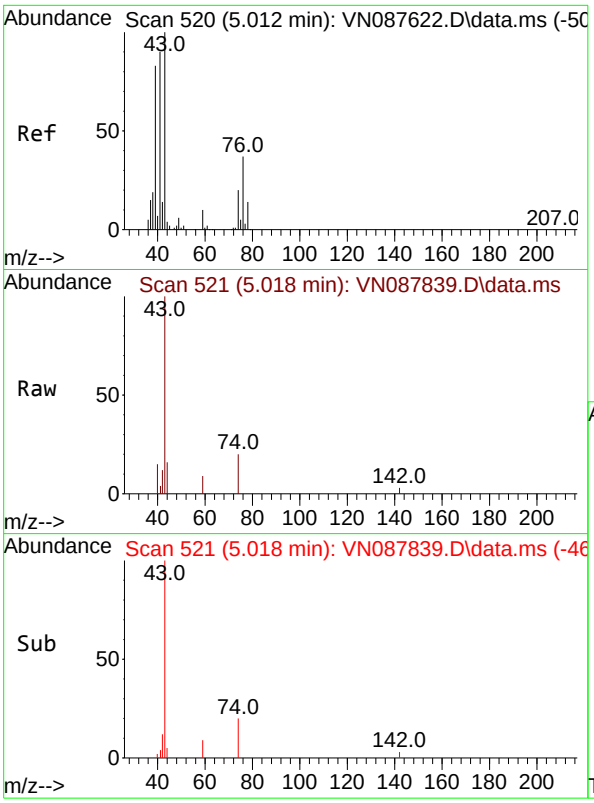


#17
Carbon Disulfide
Concen: 0.370 ug/l
RT: 4.665 min Scan# 461
Delta R.T. -0.035 min
Lab File: VN087839.D
Acq: 15 Sep 2025 15:43

Tgt Ion: 76 Resp: 2814

Ion	Ratio	Lower	Upper
76	100		
78	0.0	7.6	11.4#



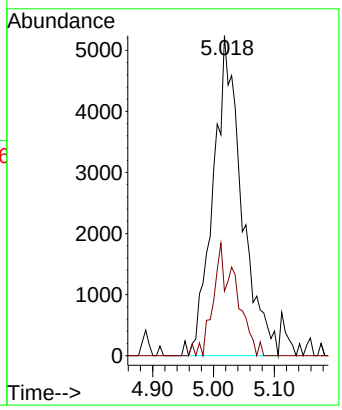


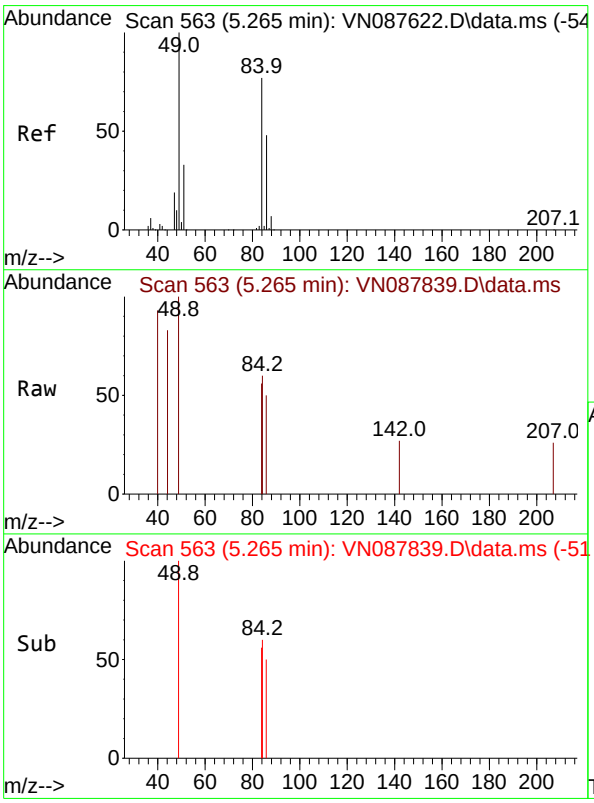
#18
Methyl Acetate
Concen: 3.838 ug/l
RT: 5.018 min Scan# 5
Delta R.T. 0.006 min
Lab File: VN087839.D
Acq: 15 Sep 2025 15:43

Instrument :
MSVOA_N
ClientSampleId :
RPXY5ME

Tgt Ion: 43 Resp: 17160

Ion	Ratio	Lower	Upper
43	100		
74	16.1	17.6	26.4#

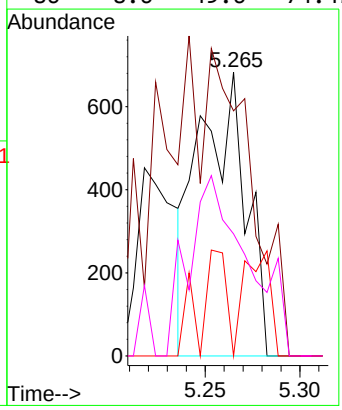


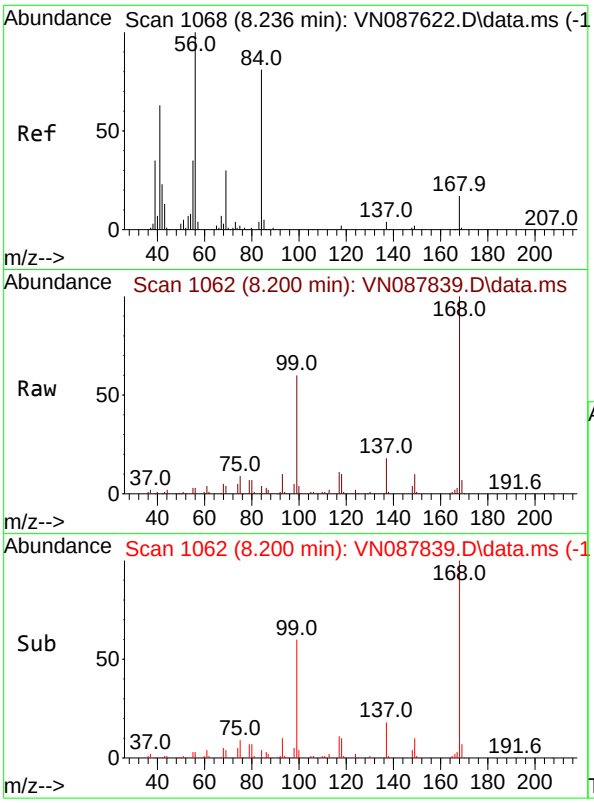


#20
Methylene Chloride
Concen: Below Cal
RT: 5.265 min Scan# 563
Delta R.T. -0.000 min
Lab File: VN087839.D
Acq: 15 Sep 2025 15:43

Tgt Ion: 84 Resp: 1175

Ion	Ratio	Lower	Upper
84	100		
49	40.0	103.4	155.2#
51	0.0	33.8	50.8#
86	8.6	49.6	74.4#



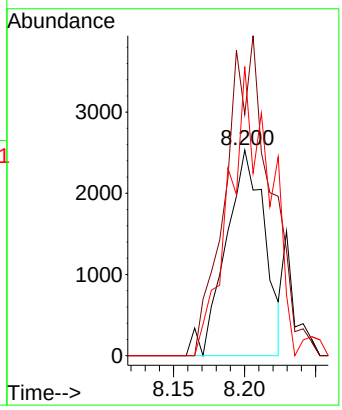


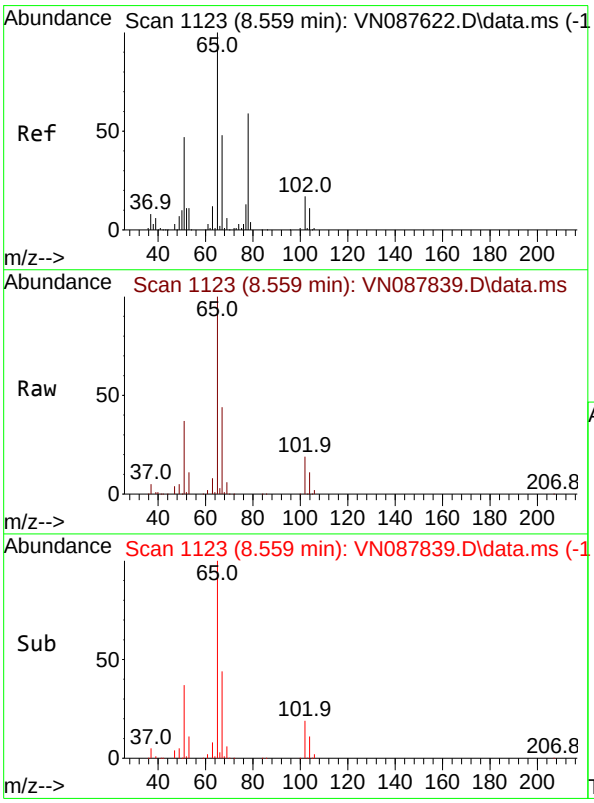
#31
Cyclohexane
Concen: 0.977 ug/l
RT: 8.200 min Scan# 1
Delta R.T. -0.035 min
Lab File: VN087839.D
Acq: 15 Sep 2025 15:43

Instrument :
MSVOA_N
ClientSampleId :
RPXY5ME

Tgt Ion: 56 Resp: 4820

Ion	Ratio	Lower	Upper
56	100		
69	117.4	23.7	35.5#
84	140.6	64.7	97.1#

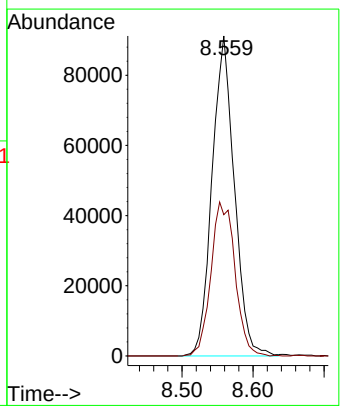


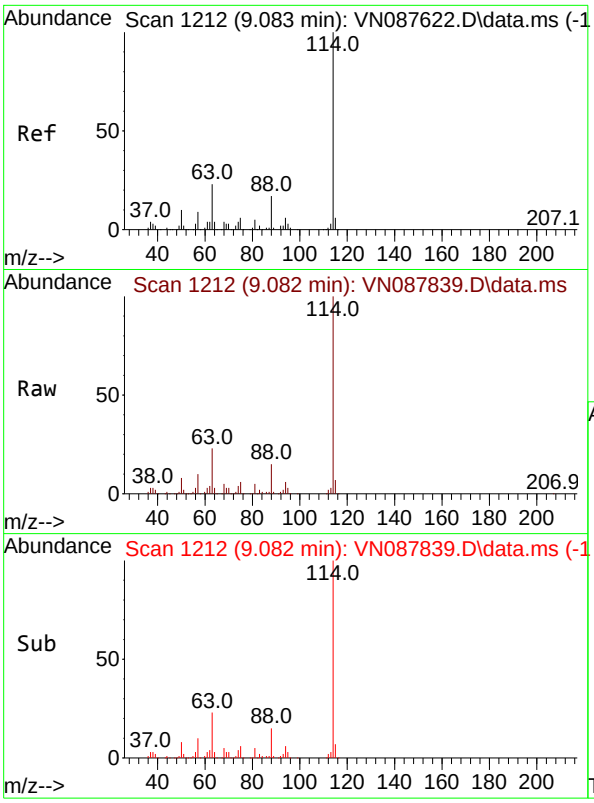


#33
1,2-Dichloroethane-d4
Concen: 50.625 ug/l
RT: 8.559 min Scan# 1123
Delta R.T. -0.000 min
Lab File: VN087839.D
Acq: 15 Sep 2025 15:43

Tgt Ion: 65 Resp: 198573

Ion	Ratio	Lower	Upper
65	100		
67	52.0	0.0	100.0



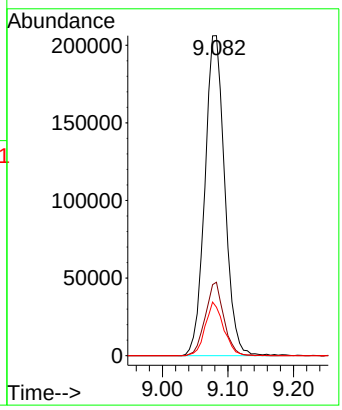


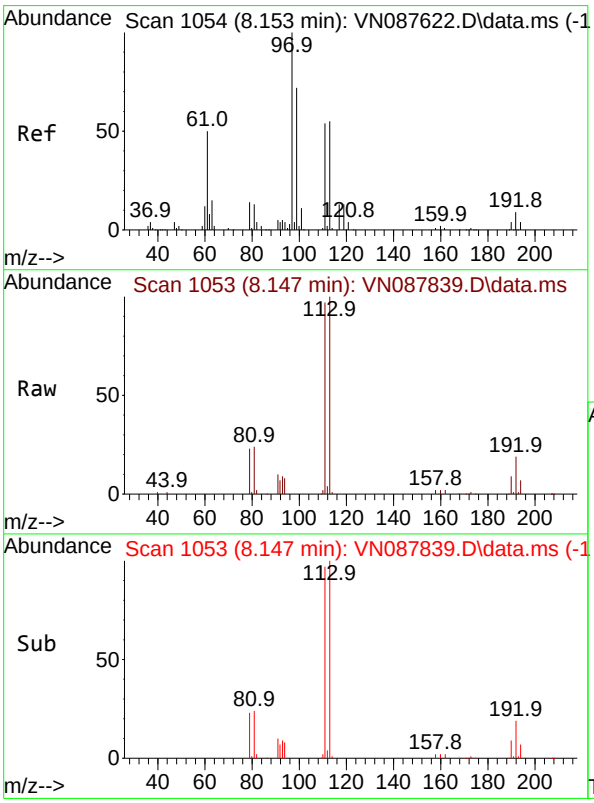
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.082 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN087839.D
Acq: 15 Sep 2025 15:43

Instrument :
MSVOA_N
ClientSampleId :
RPXY5ME

Tgt Ion:114 Resp: 434787

Ion	Ratio	Lower	Upper
114	100		
63	23.0	0.0	45.2
88	15.2	0.0	33.4

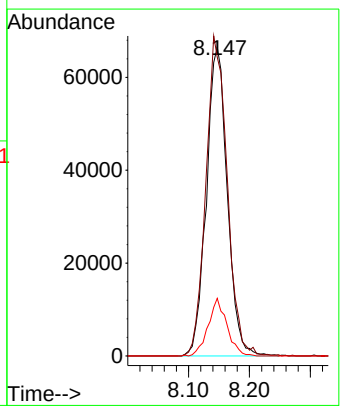


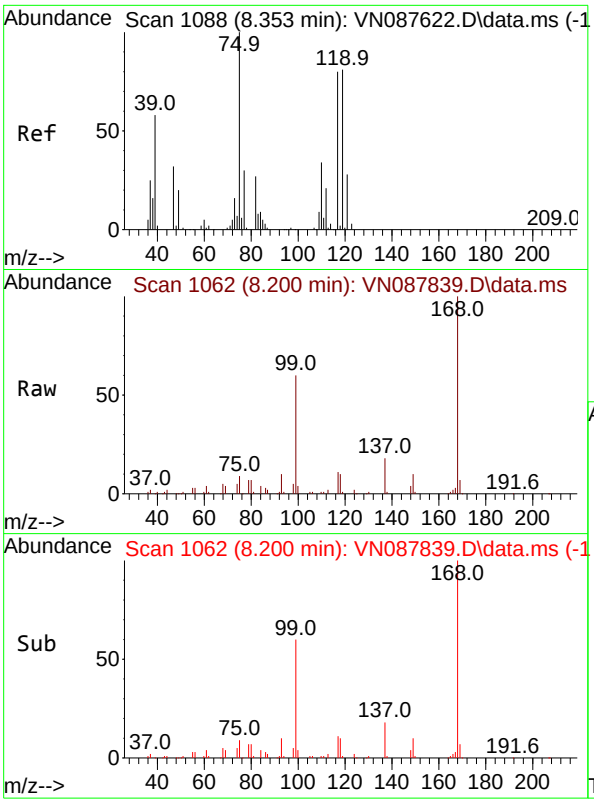


#35
Dibromofluoromethane
Concen: 50.608 ug/l
RT: 8.147 min Scan# 1053
Delta R.T. -0.006 min
Lab File: VN087839.D
Acq: 15 Sep 2025 15:43

Tgt Ion:113 Resp: 158865

Ion	Ratio	Lower	Upper
113	100		
111	105.7	82.8	124.2
192	16.8	12.8	19.2



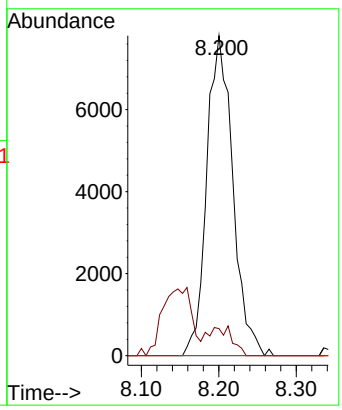


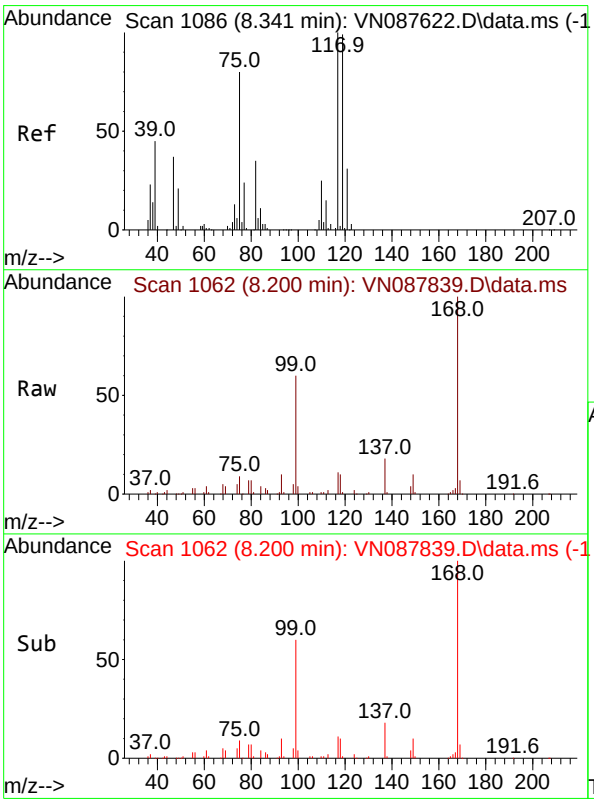
#36
1,1-Dichloropropene
Concen: 3.785 ug/l
RT: 8.200 min Scan# 1
Delta R.T. -0.153 min
Lab File: VN087839.D
Acq: 15 Sep 2025 15:43

Instrument :
MSVOA_N
ClientSampleId :
RPXY5ME

Tgt Ion: 75 Resp: 18226

Ion	Ratio	Lower	Upper
75	100		
110	8.5	15.9	47.6#
77	0.0	24.4	36.6#

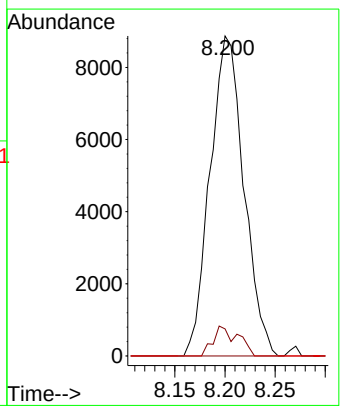


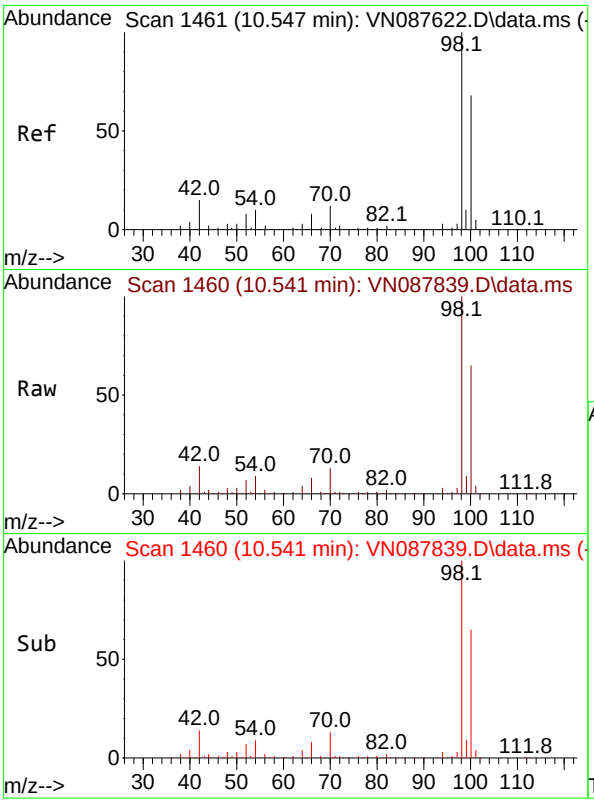


#38
Carbon Tetrachloride
Concen: 4.376 ug/l
RT: 8.200 min Scan# 1062
Delta R.T. -0.141 min
Lab File: VN087839.D
Acq: 15 Sep 2025 15:43

Tgt Ion:117 Resp: 20806

Ion	Ratio	Lower	Upper
117	100		
119	8.4	79.0	118.6#
121	0.0	25.0	37.6#



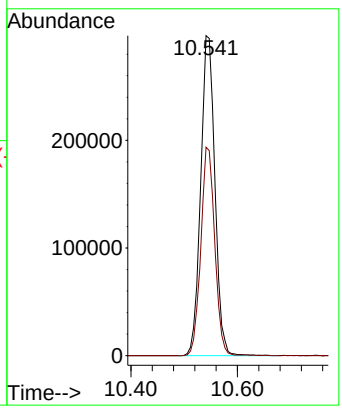


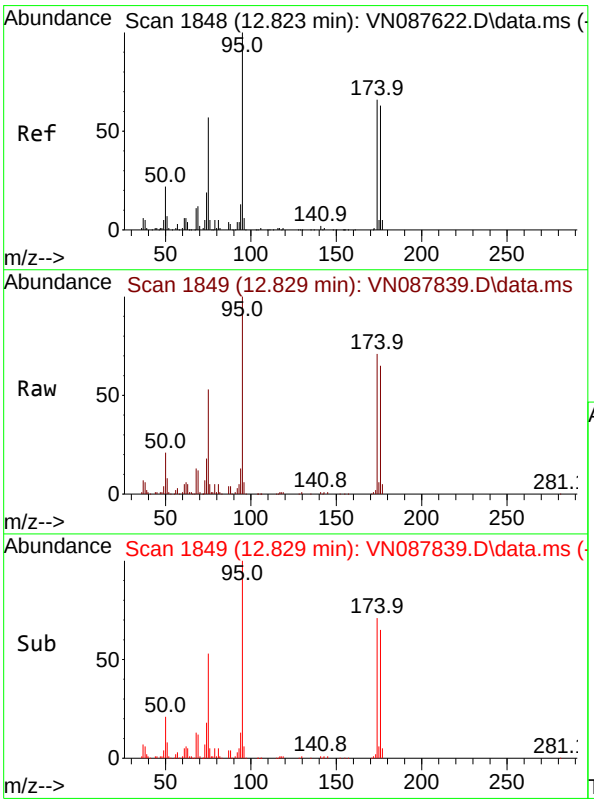
#50
Toluene-d8
Concen: 46.796 ug/l
RT: 10.541 min Scan# 14
Delta R.T. -0.006 min
Lab File: VN087839.D
Acq: 15 Sep 2025 15:43

Instrument :
MSVOA_N
ClientSampleId :
RPXY5ME

Tgt Ion: 98 Resp: 549825

Ion	Ratio	Lower	Upper
98	100		
100	63.7	52.8	79.2

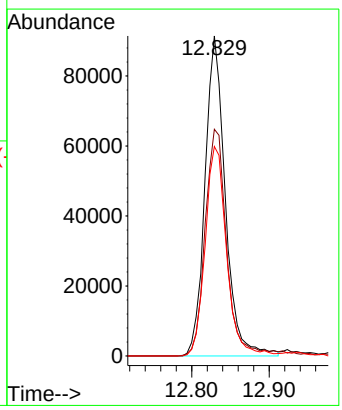


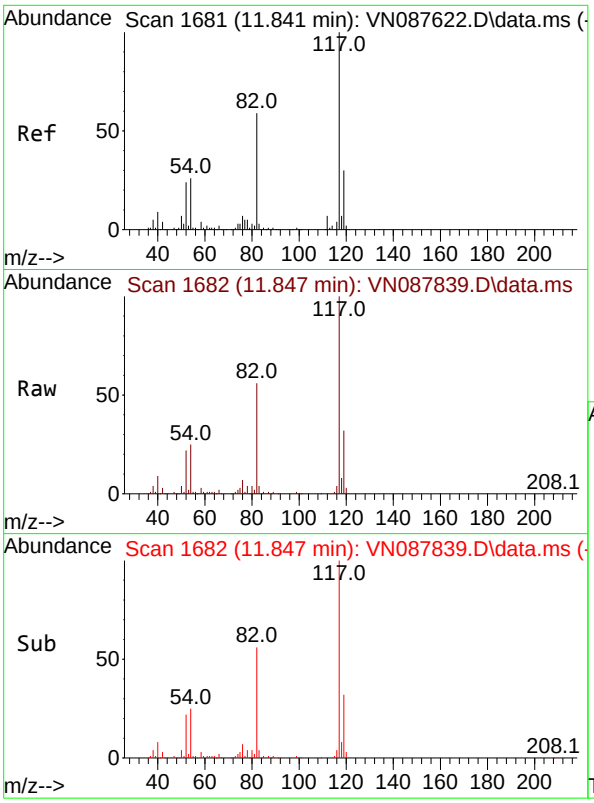


#62
4-Bromofluorobenzene
Concen: 39.832 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.006 min
Lab File: VN087839.D
Acq: 15 Sep 2025 15:43

Tgt Ion: 95 Resp: 166435

Ion	Ratio	Lower	Upper
95	100		
174	76.1	0.0	138.4
176	69.0	0.0	132.6



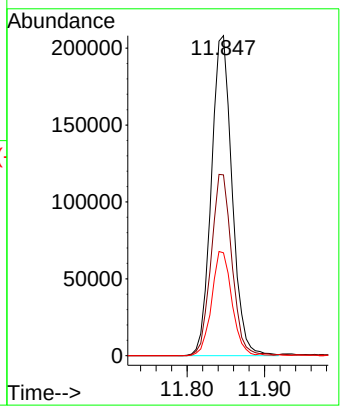


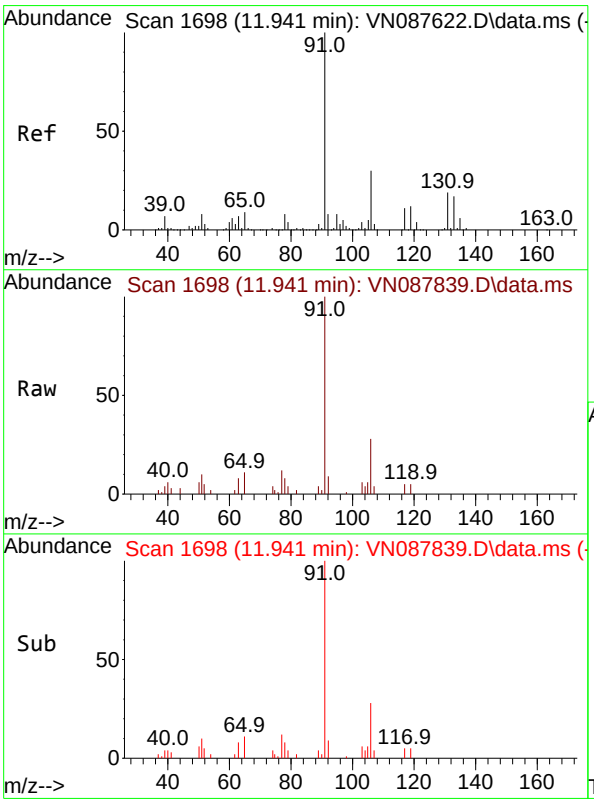
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.847 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN087839.D
Acq: 15 Sep 2025 15:43

Instrument :
MSVOA_N
ClientSampleId :
RPXY5ME

Tgt Ion:117 Resp: 386645

Ion	Ratio	Lower	Upper
117	100		
82	56.5	47.4	71.2
119	32.2	24.3	36.5

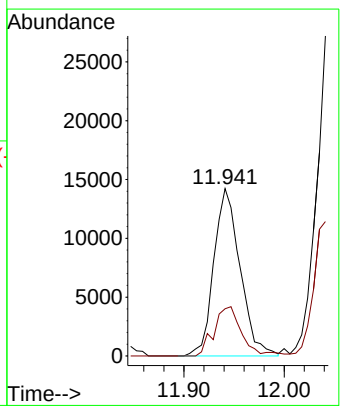


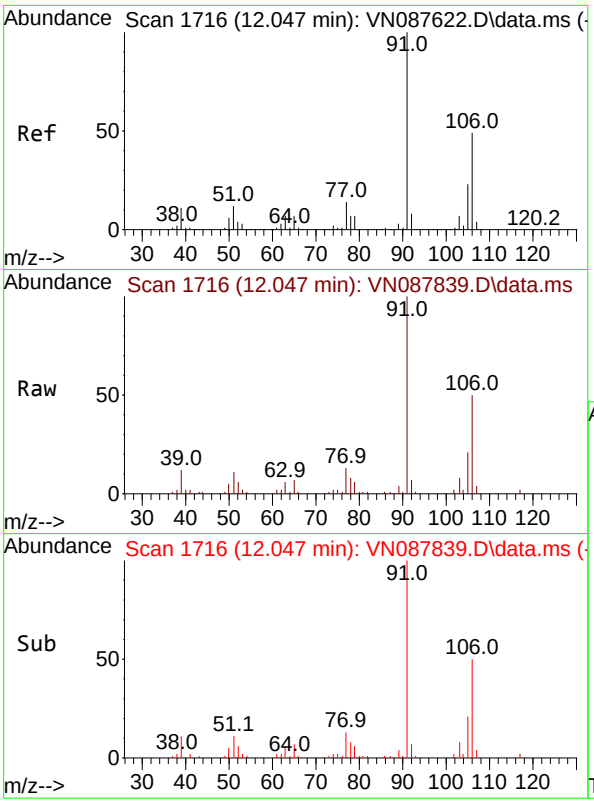


#67
Ethyl Benzene
Concen: 1.551 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VN087839.D
Acq: 15 Sep 2025 15:43

Tgt Ion: 91 Resp: 25828

Ion	Ratio	Lower	Upper
91	100		
106	28.2	24.1	36.1



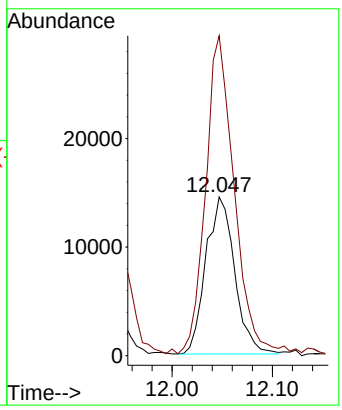


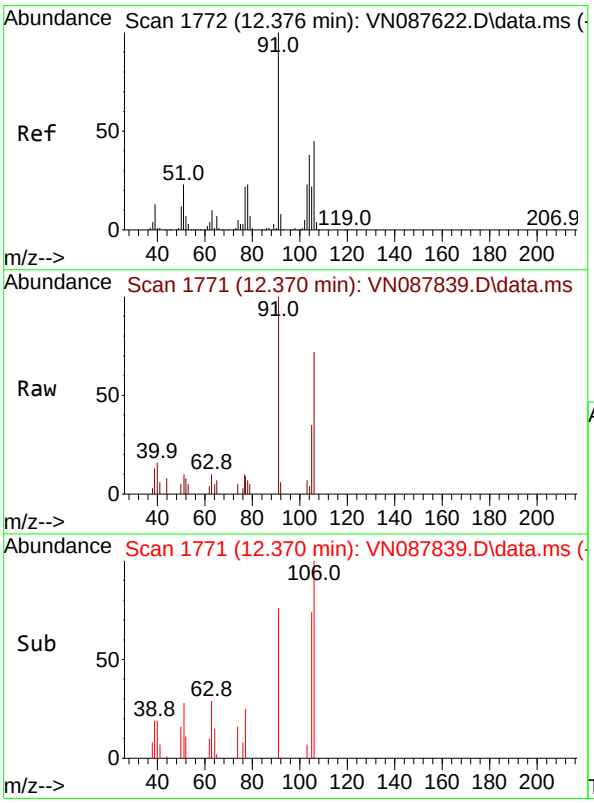
#68
m/p-Xylenes
Concen: 4.730 ug/l
RT: 12.047 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN087839.D
Acq: 15 Sep 2025 15:43

Instrument :
MSVOA_N
ClientSampleId :
RPXY5ME

Tgt Ion:106 Resp: 28891

Ion	Ratio	Lower	Upper
106	100		
91	201.7	169.3	253.9

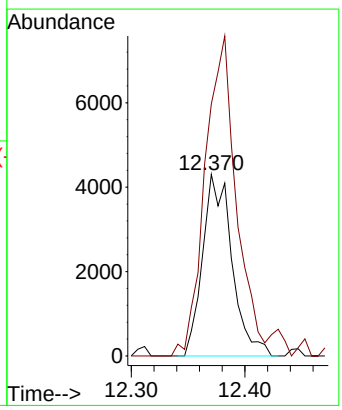


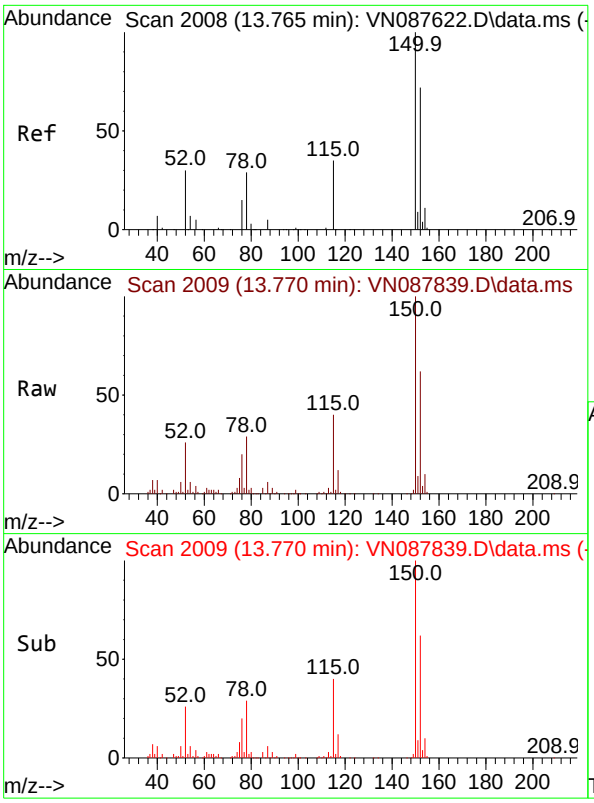


#69
o-Xylene
Concen: 1.291 ug/l
RT: 12.370 min Scan# 1771
Delta R.T. -0.006 min
Lab File: VN087839.D
Acq: 15 Sep 2025 15:43

Tgt Ion:106 Resp: 7729

Ion	Ratio	Lower	Upper
106	100		
91	186.6	111.4	334.2



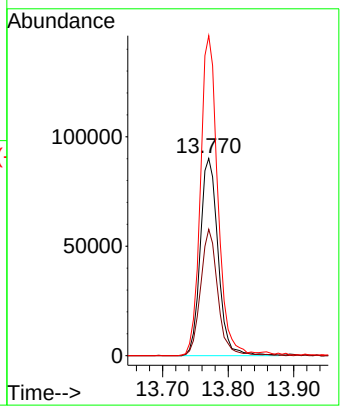


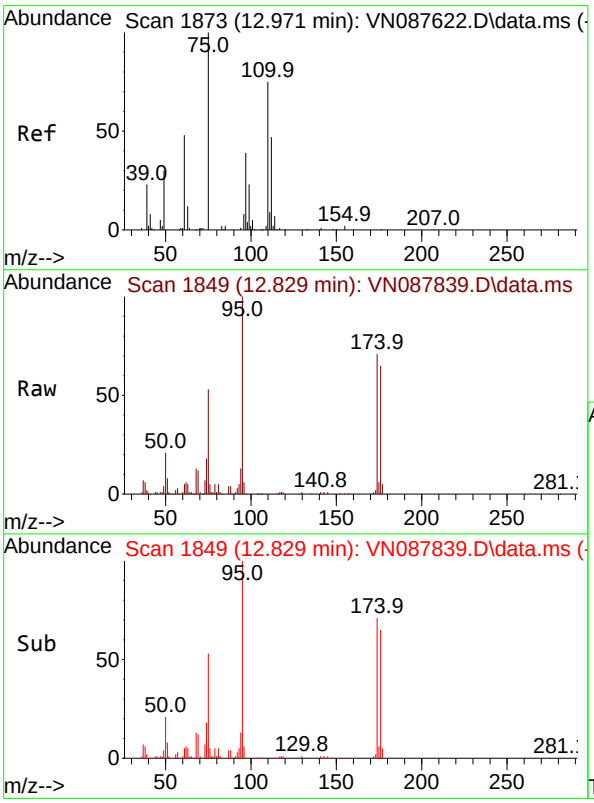
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.770 min Scan# 2
Delta R.T. 0.006 min
Lab File: VN087839.D
Acq: 15 Sep 2025 15:43

Instrument :
MSVOA_N
ClientSampleId :
RPXY5ME

Tgt Ion:152 Resp: 170499

Ion	Ratio	Lower	Upper
152	100		
115	62.1	32.3	96.8
150	158.1	0.0	351.0

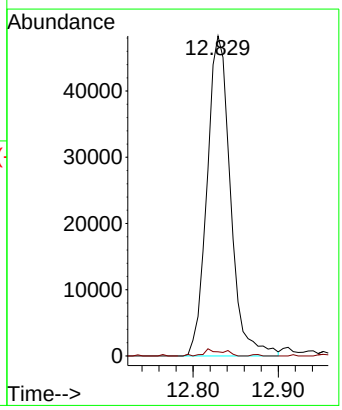


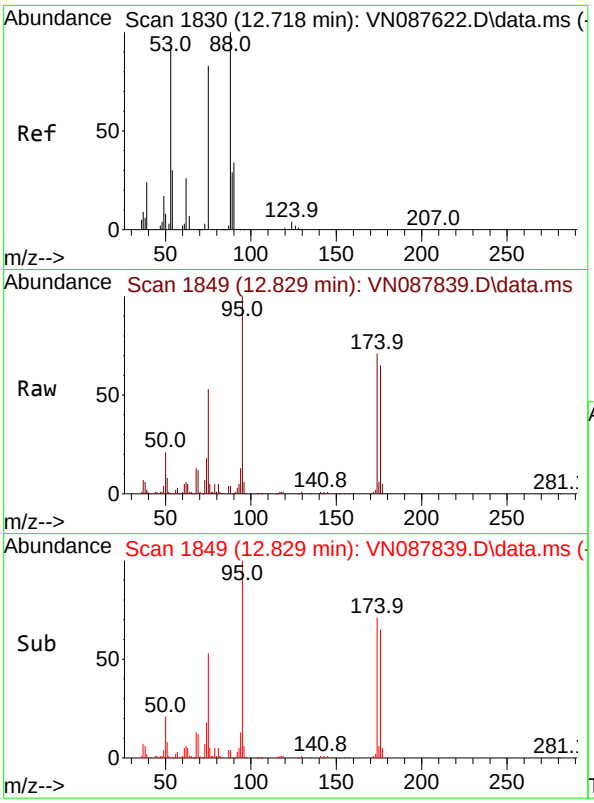


#76
1,2,3-Trichloropropane
Concen: 23.090 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. -0.141 min
Lab File: VN087839.D
Acq: 15 Sep 2025 15:43

Tgt Ion: 75 Resp: 92320

Ion	Ratio	Lower	Upper
75	100		
77	1.7	89.1	267.4#



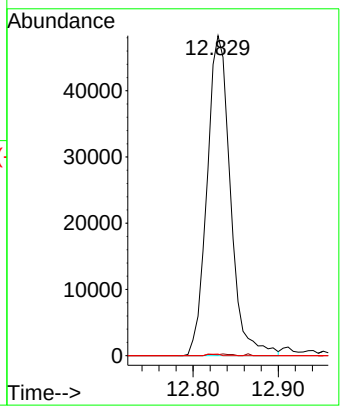


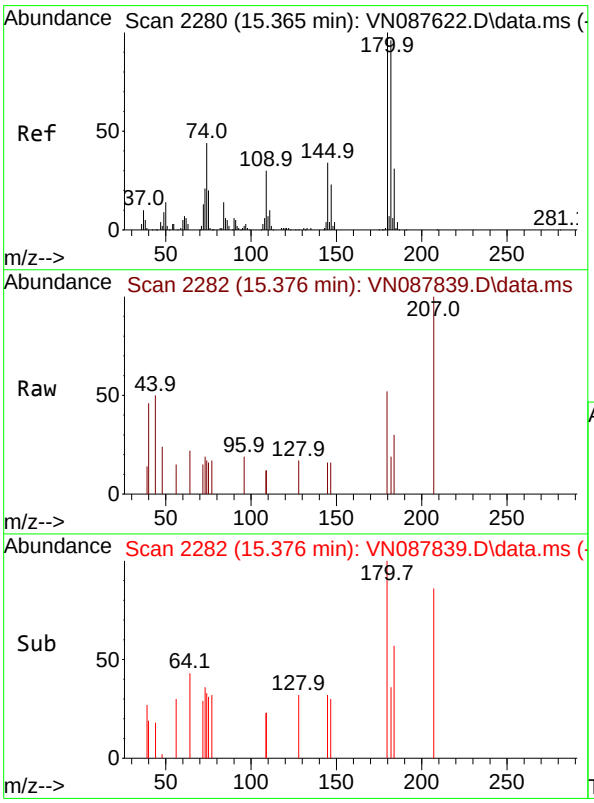
#81
trans-1,4-Dichloro-2-butene
Concen: 61.128 ug/l
RT: 12.829 min Scan# 1
Delta R.T. 0.112 min
Lab File: VN087839.D
Acq: 15 Sep 2025 15:43

Instrument :
MSVOA_N
ClientSampleId :
RPXY5ME

Tgt Ion: 75 Resp: 92320

Ion	Ratio	Lower	Upper
75	100		
53	0.4	101.8	152.6#
89	0.3	35.6	53.4#

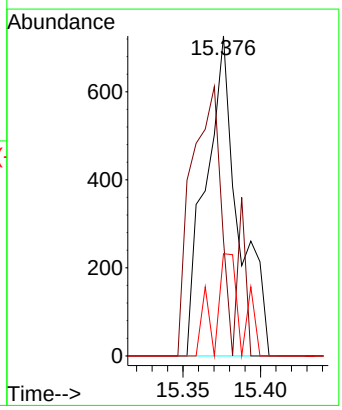


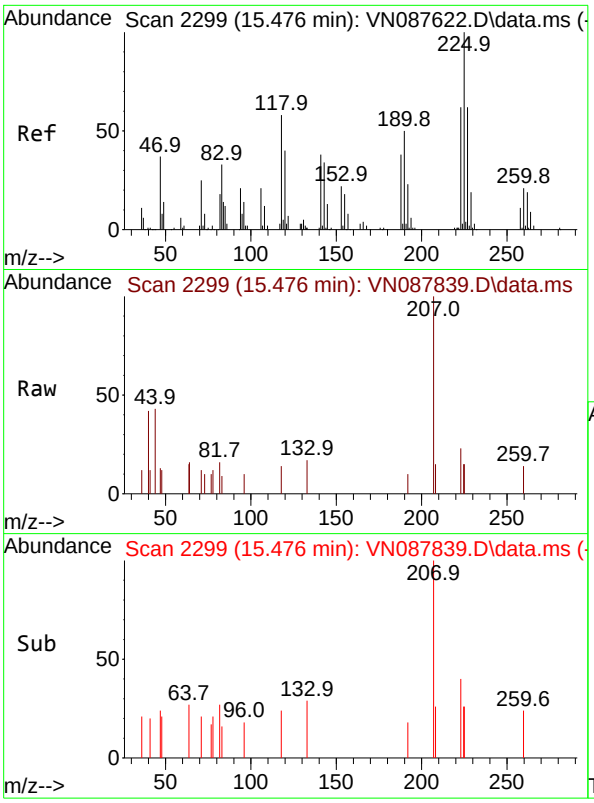


#93
1,2,4-Trichlorobenzene
Concen: 0.292 ug/l
RT: 15.376 min Scan# 2282
Delta R.T. 0.012 min
Lab File: VN087839.D
Acq: 15 Sep 2025 15:43

Tgt Ion:180 Resp: 1064

Ion	Ratio	Lower	Upper
180	100		
182	75.4	47.6	142.9
145	25.8	16.5	49.5



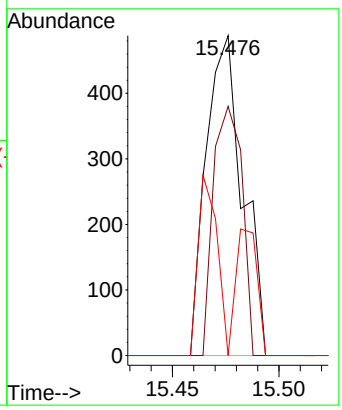


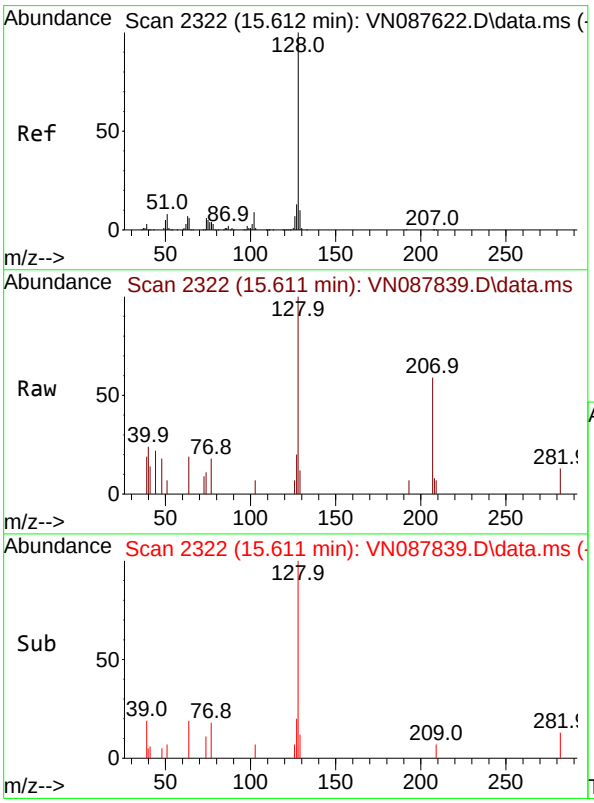
#94
Hexachlorobutadiene
Concen: 0.449 ug/l
RT: 15.476 min Scan# 2
Delta R.T. -0.000 min
Lab File: VN087839.D
Acq: 15 Sep 2025 15:43

Instrument :
MSVOA_N
ClientSampleId :
RPXY5ME

Tgt Ion:225 Resp: 584

Ion	Ratio	Lower	Upper
225	100		
223	61.3	32.0	96.2
227	22.9	32.1	96.5#

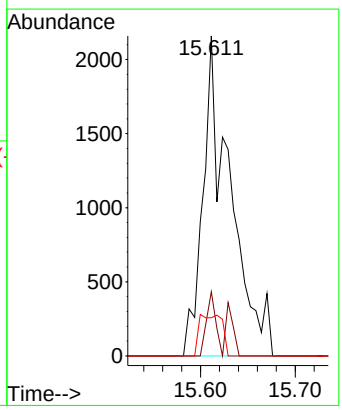


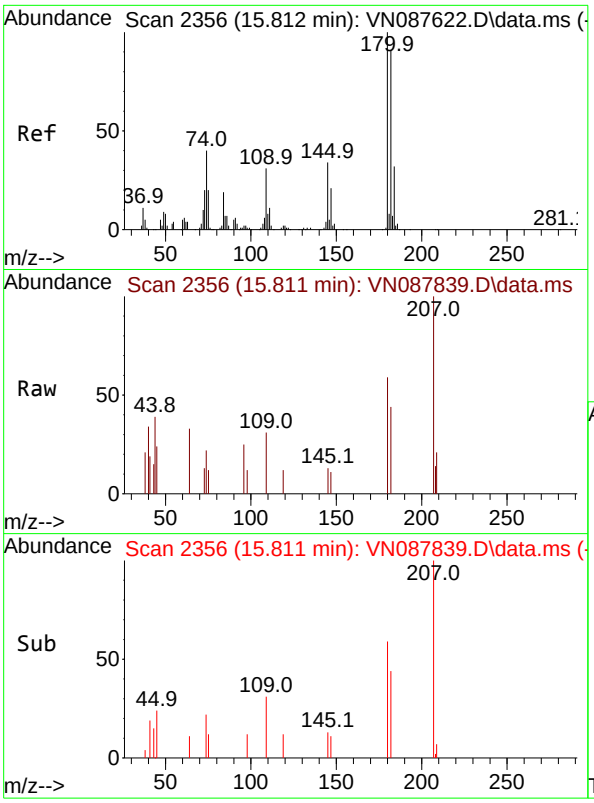


#95
Naphthalene
Concen: 0.336 ug/l
RT: 15.611 min Scan# 2322
Delta R.T. -0.000 min
Lab File: VN087839.D
Acq: 15 Sep 2025 15:43

Tgt Ion:128 Resp: 4338

Ion	Ratio	Lower	Upper
128	100		
127	6.8	10.6	15.8#
129	10.7	8.6	12.8





#96
1,2,3-Trichlorobenzene
Concen: 0.343 ug/l
RT: 15.811 min Scan# 2
Delta R.T. -0.000 min
Lab File: VN087839.D
Acq: 15 Sep 2025 15:43

Instrument :
MSVOA_N
ClientSampleId :
RPXY5ME

Tgt Ion:180 Resp: 1222

Ion	Ratio	Lower	Upper
180	100		
182	84.9	46.8	140.3
145	24.8	17.3	52.0