Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121025\
Data File : VN088488.D
Acq On : 10 Dec 2025 10:36
Operator : JC\MD
Sample : VN1210MBL01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Dec 11 02:03:16 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112425W.M
Quant Title : SW846 8260
QLast Update : Tue Nov 25 01:34:52 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.206	168	209636	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	485237	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.841	117	480797	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	214836	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	223825	56.677	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 113.360%			
35) Dibromofluoromethane	8.147	113	162529	48.333	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 96.660%			
50) Toluene-d8	10.541	98	565614	45.207	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 90.420%			
62) 4-Bromofluorobenzene	12.829	95	205240	47.808	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 95.620%			
Target Compounds						Qvalue
3) Chloromethane	2.389	50	873	0.258	ug/l #	43
5) Bromomethane	3.000	94	747	0.451	ug/l	99
11) Tert butyl alcohol	5.506	59	140	0.222	ug/l #	72
12) 1,1-Dichloroethene	4.347	96	584	0.228	ug/l #	43
13) Acrolein	4.177	56	534	0.885	ug/l #	14
15) Acrylonitrile	5.706	53	2204	1.212	ug/l #	19
16) Acetone	4.418	43	2462	1.724	ug/l #	84
17) Carbon Disulfide	4.712	76	3033	0.363	ug/l #	89
18) Methyl Acetate	5.024	43	2663	0.626	ug/l #	66
25) 2-Butanone	7.482	43	1849	0.805	ug/l #	90
29) Tetrahydrofuran	7.835	42	1030	0.625	ug/l #	68
31) Cyclohexane	8.212	56	8690	1.673	ug/l #	42
36) 1,1-Dichloropropene	8.206	75	22152	4.268	ug/l #	52
38) Carbon Tetrachloride	8.206	117	27086	5.243	ug/l #	17
49) 1,4-Dioxane	9.682	88	335	5.537	ug/l #	82
51) 4-Methyl-2-Pentanone	10.429	43	3137	0.510	ug/l #	80
52) Toluene	10.612	92	2155	0.245	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.141	63	1168	0.377	ug/l	96
68) m/p-Xylenes	12.047	106	1568	0.224	ug/l #	34
76) 1,2,3-Trichloropropane	12.829	75	121765	24.199	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.829	75	121765	68.651	ug/l #	1
83) tert-Butylbenzene	13.417	119	2544	0.227	ug/l	91
85) sec-Butylbenzene	13.594	105	4486	0.279	ug/l	93
86) p-Isopropyltoluene	13.711	119	3285	0.249	ug/l	89
87) 1,3-Dichlorobenzene	13.706	146	2194	0.310	ug/l	81
88) 1,4-Dichlorobenzene	13.706	146	2194	0.296	ug/l	83
89) n-Butylbenzene	14.029	91	4496	0.351	ug/l	88
90) Hexachloroethane	14.311	117	949	0.394	ug/l	85
91) 1,2-Dichlorobenzene	14.094	146	1583	0.238	ug/l	95
93) 1,2,4-Trichlorobenzene	15.370	180	2121	0.536	ug/l	94
94) Hexachlorobutadiene	15.476	225	2675	1.882	ug/l	91
95) Naphthalene	15.629	128	4979	0.363	ug/l	99
96) 1,2,3-Trichlorobenzene	15.805	180	2322	0.603	ug/l	95

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

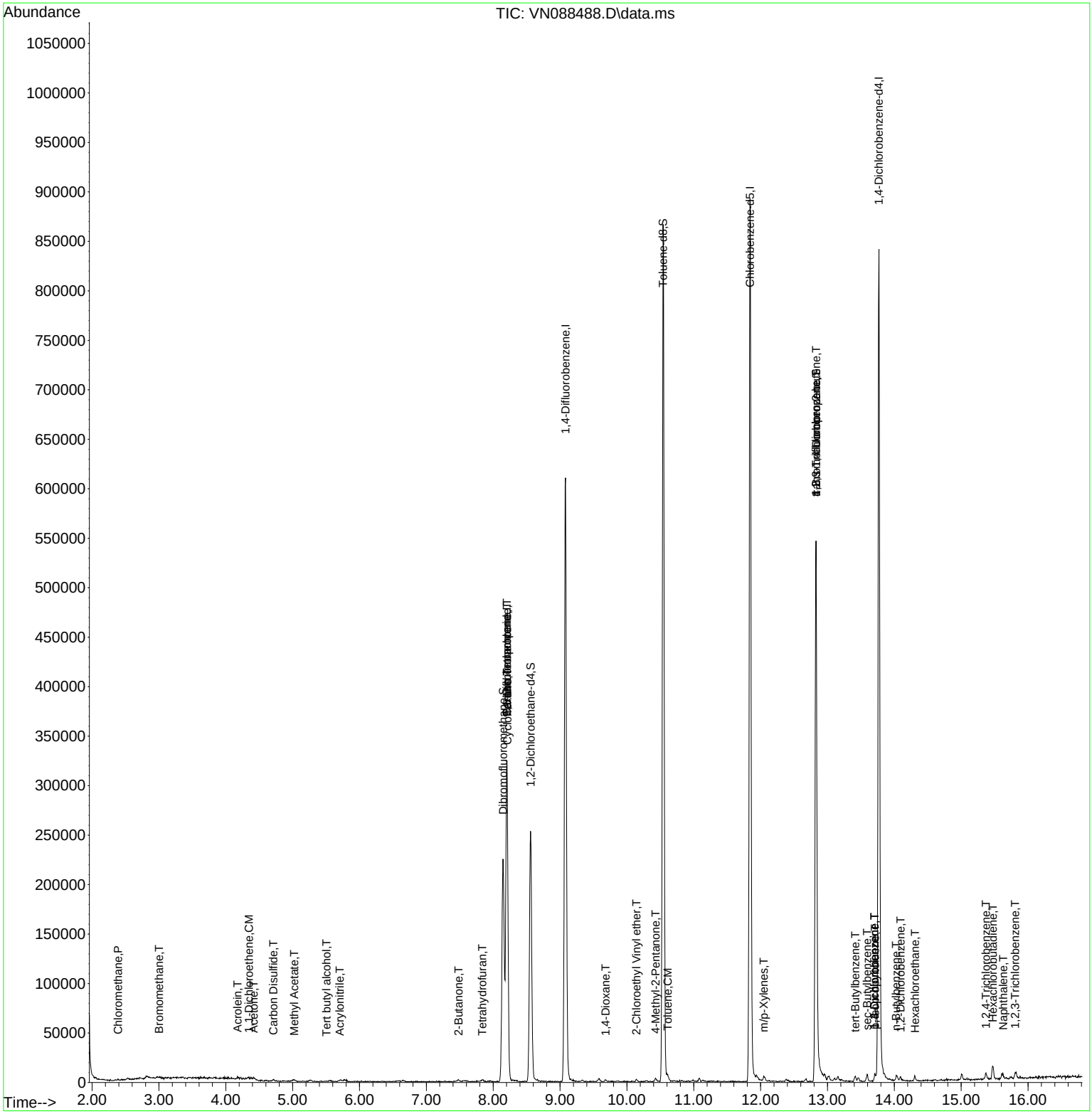
Instrument :
MSVOA_N
ClientSampleId :

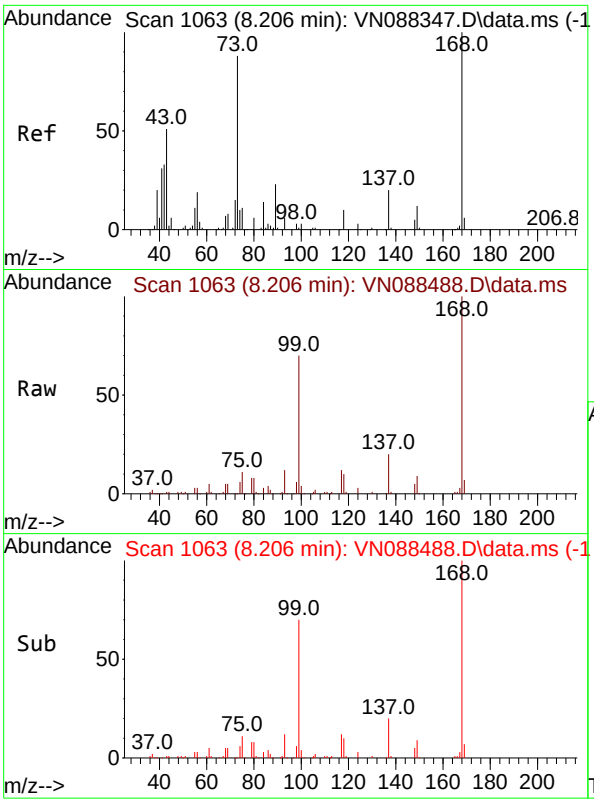
Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121025\
Data File : VN088488.D
Acq On : 10 Dec 2025 10:36
Operator : JC\MD
Sample : VN1210MBL01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Dec 11 02:03:16 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112425W.M
Quant Title : SW846 8260
QLast Update : Tue Nov 25 01:34:52 2025
Response via : Initial Calibration



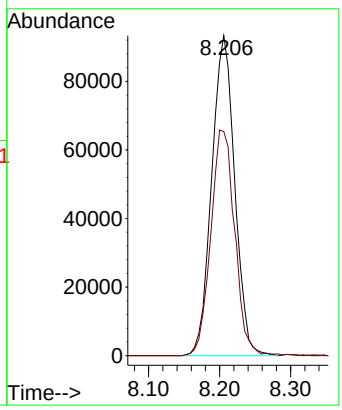


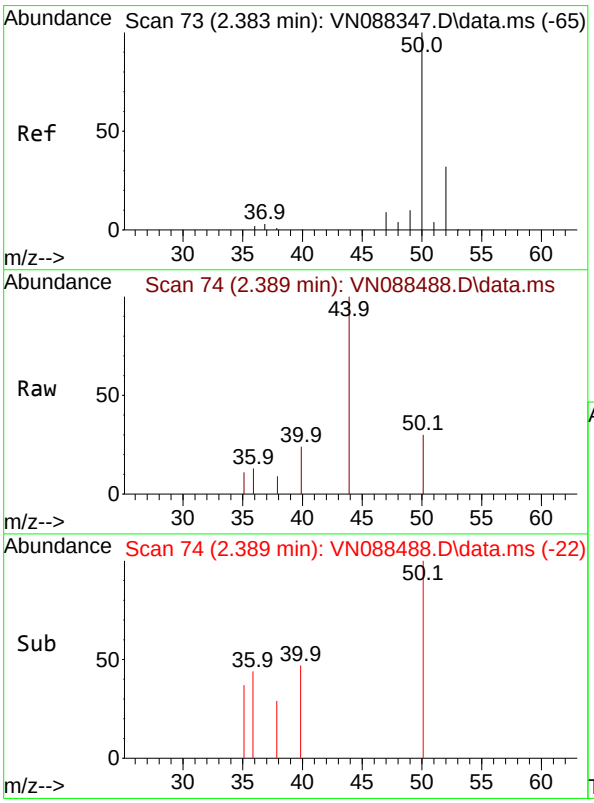
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN088488.D
Acq: 10 Dec 2025 10:36

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:168 Resp: 209636

Ion	Ratio	Lower	Upper
168	100		
99	70.0	57.1	85.7

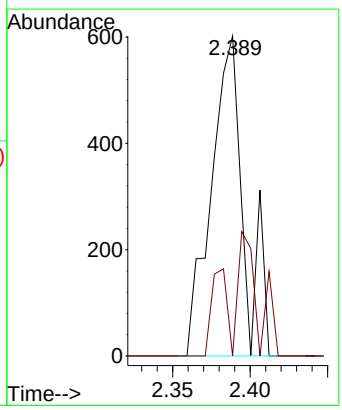


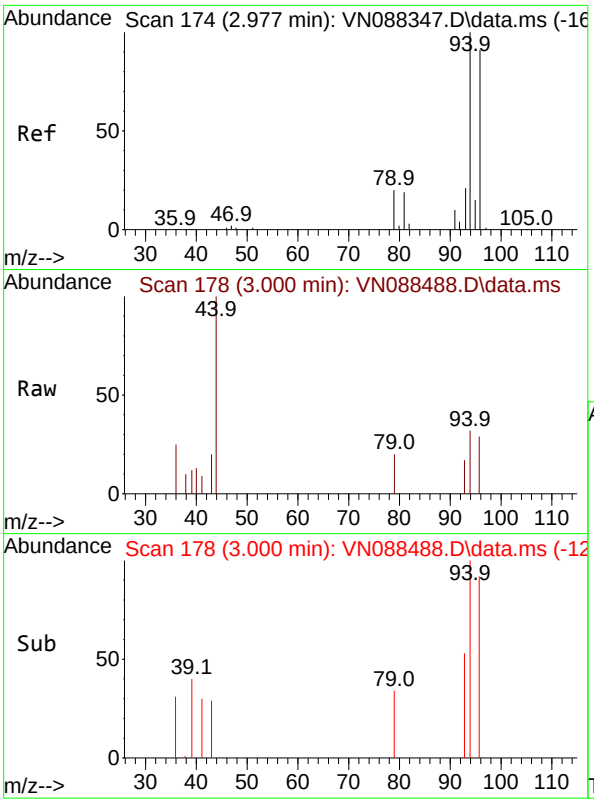


#3
Chloromethane
Concen: 0.258 ug/l
RT: 2.389 min Scan# 74
Delta R.T. 0.006 min
Lab File: VN088488.D
Acq: 10 Dec 2025 10:36

Tgt Ion: 50 Resp: 873

Ion	Ratio	Lower	Upper
50	100		
52	0.0	25.2	37.8#



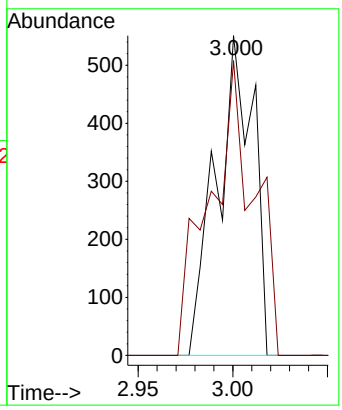


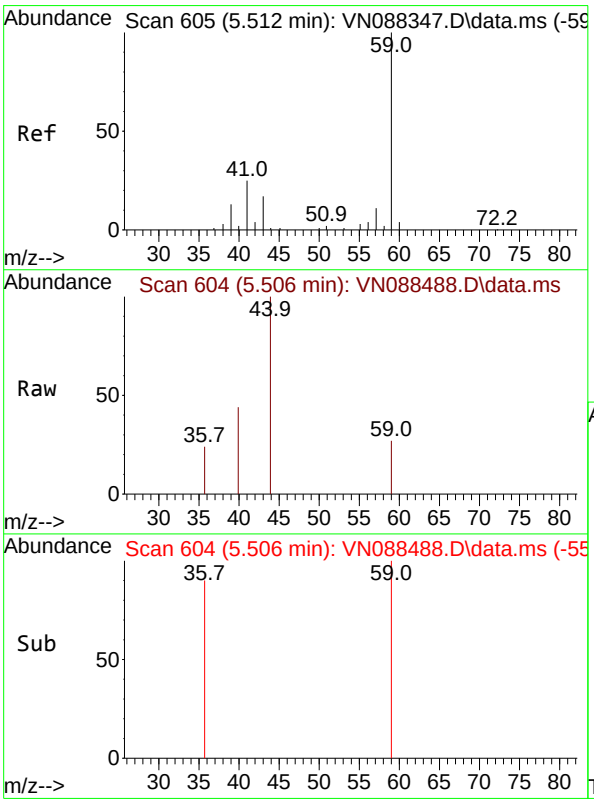
#5
Bromomethane
Concen: 0.451 ug/l
RT: 3.000 min Scan# 1
Delta R.T. 0.023 min
Lab File: VN088488.D
Acq: 10 Dec 2025 10:36

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 94 Resp: 747

Ion	Ratio	Lower	Upper
94	100		
96	92.2	73.2	109.8

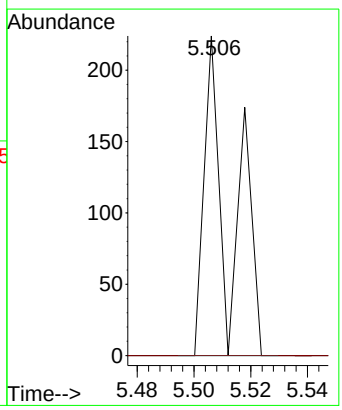


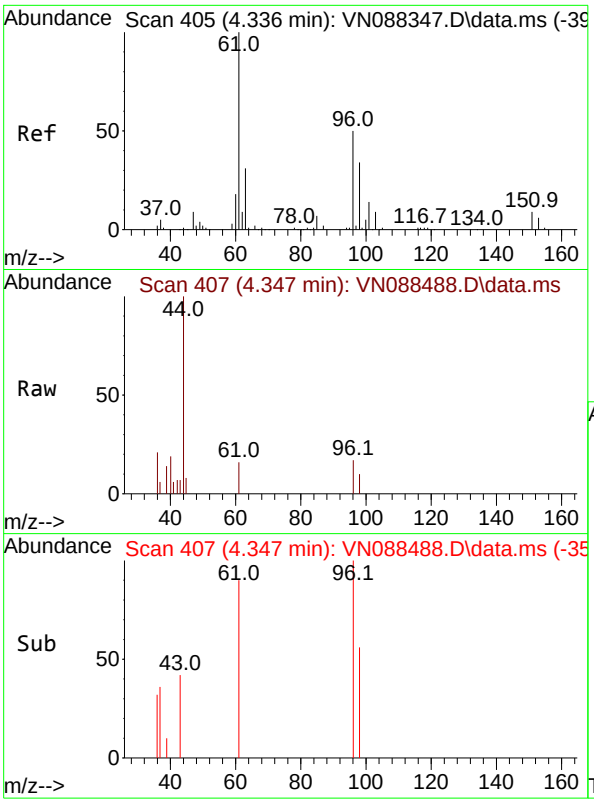


#11
Tert butyl alcohol
Concen: 0.222 ug/l
RT: 5.506 min Scan# 604
Delta R.T. -0.006 min
Lab File: VN088488.D
Acq: 10 Dec 2025 10:36

Tgt Ion: 59 Resp: 140

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.5	12.7#



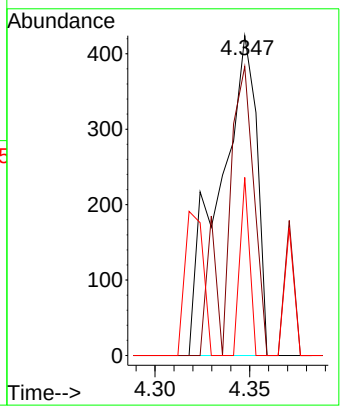


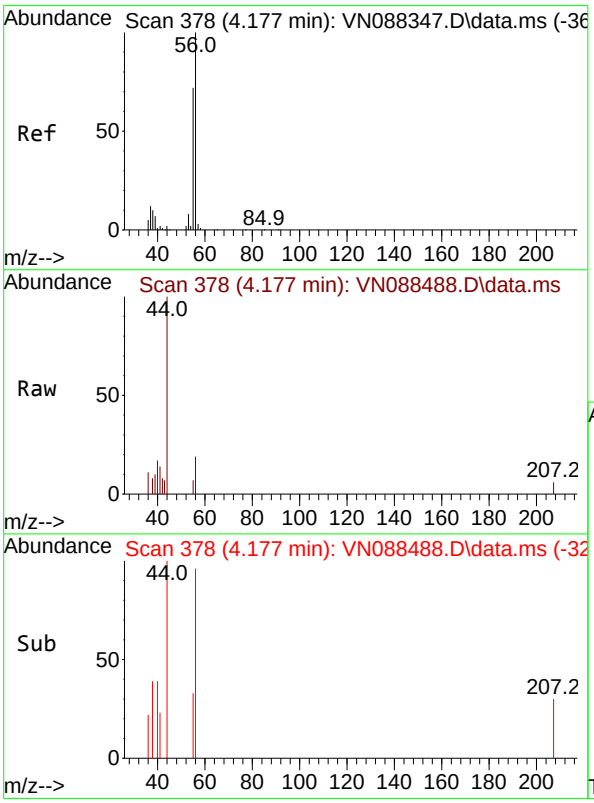
#12
1,1-Dichloroethene
Concen: 0.228 ug/l
RT: 4.347 min Scan# 4(
Delta R.T. 0.012 min
Lab File: VN088488.D
Acq: 10 Dec 2025 10:36

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 96 Resp: 584

Ion	Ratio	Lower	Upper
96	100		
61	90.3	159.1	238.7#
98	55.7	53.7	80.5

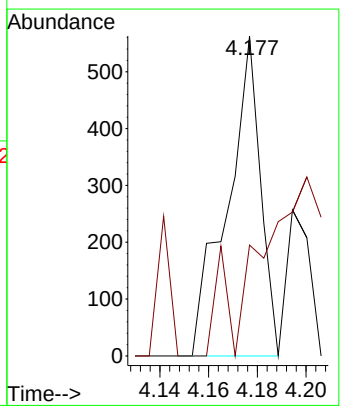


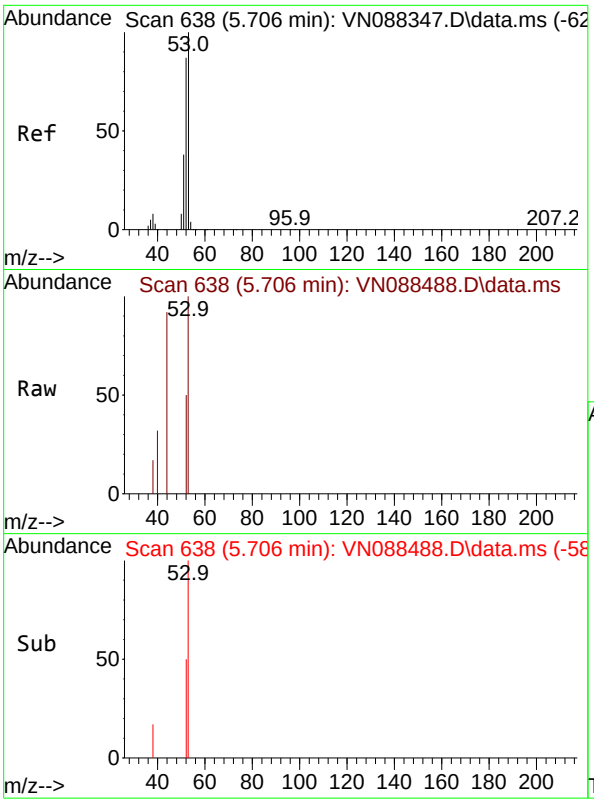


#13
Acrolein
Concen: 0.885 ug/l
RT: 4.177 min Scan# 378
Delta R.T. -0.000 min
Lab File: VN088488.D
Acq: 10 Dec 2025 10:36

Tgt Ion: 56 Resp: 534

Ion	Ratio	Lower	Upper
56	100		
55	0.0	56.3	84.5#



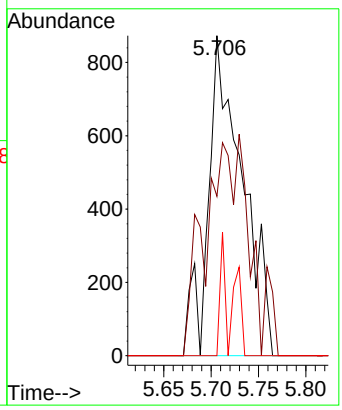


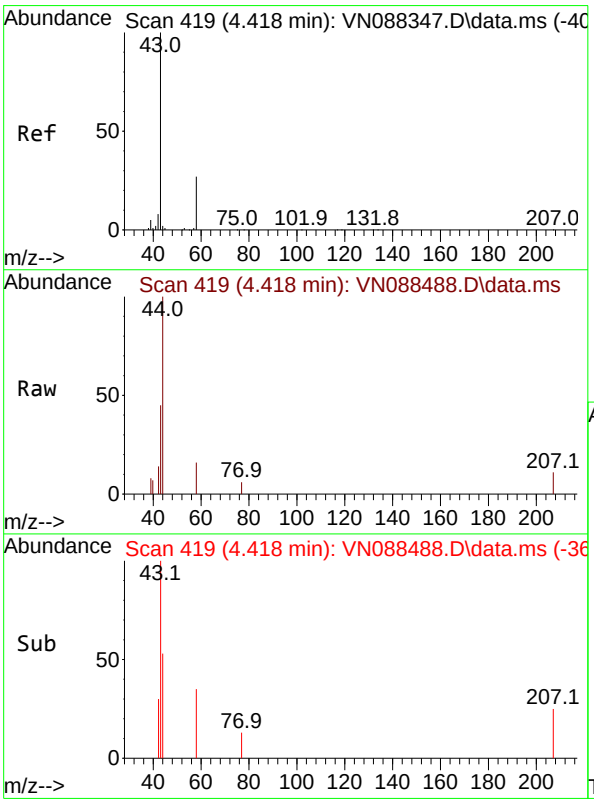
#15
Acrylonitrile
Concen: 1.212 ug/l
RT: 5.706 min Scan# 6
Delta R.T. -0.000 min
Lab File: VN088488.D
Acq: 10 Dec 2025 10:36

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 53 Resp: 2204

Ion	Ratio	Lower	Upper
53	100		
52	0.0	67.8	101.6#
51	5.4	29.8	44.8#

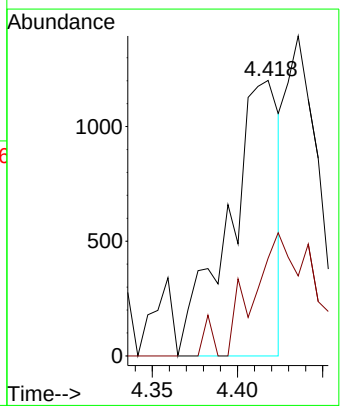


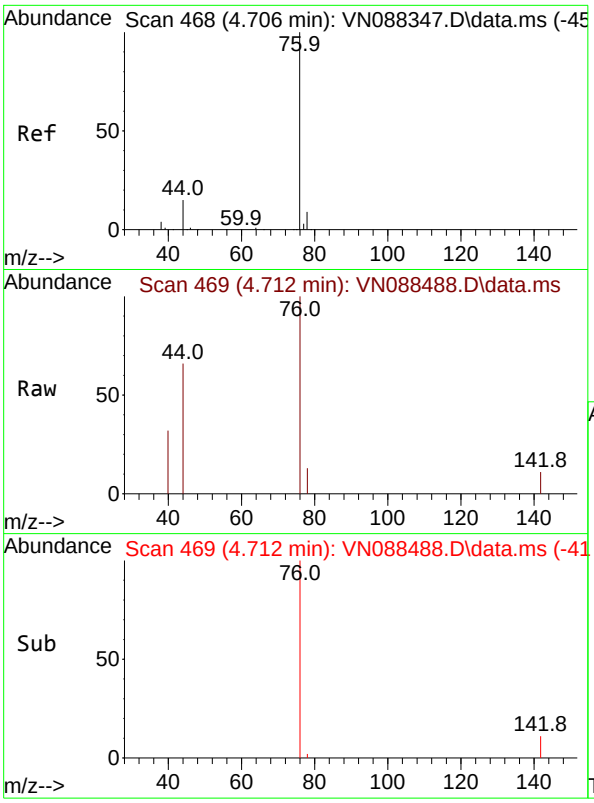


#16
Acetone
Concen: 1.724 ug/l
RT: 4.418 min Scan# 419
Delta R.T. -0.000 min
Lab File: VN088488.D
Acq: 10 Dec 2025 10:36

Tgt Ion: 43 Resp: 2462

Ion	Ratio	Lower	Upper
43	100		
58	35.5	21.7	32.5#



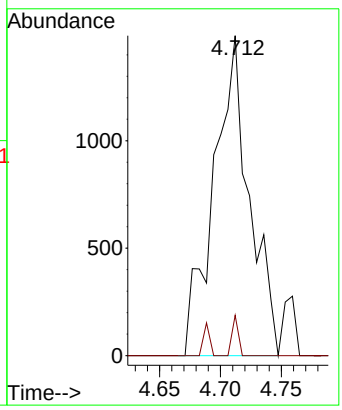


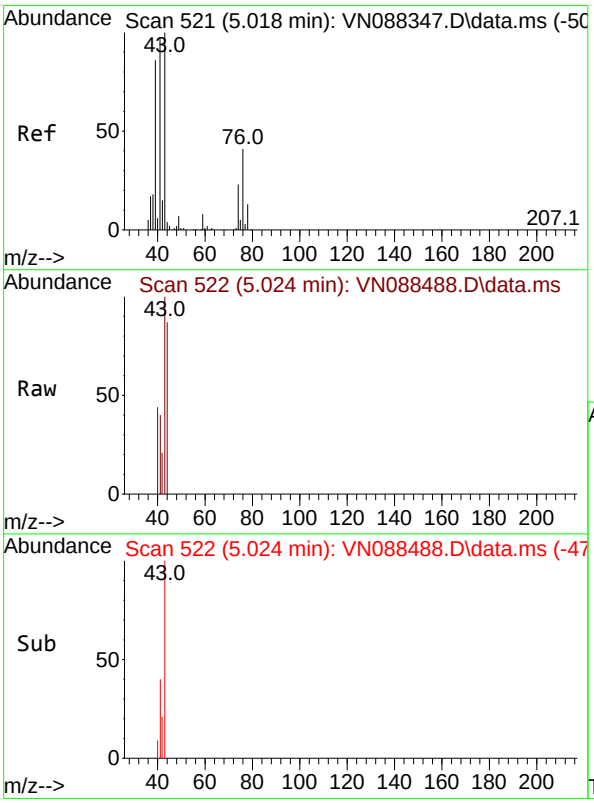
#17
Carbon Disulfide
Concen: 0.363 ug/l
RT: 4.712 min Scan# 4
Delta R.T. 0.006 min
Lab File: VN088488.D
Acq: 10 Dec 2025 10:36

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 76 Resp: 3033

Ion	Ratio	Lower	Upper
76	100		
78	12.6	7.0	10.4#

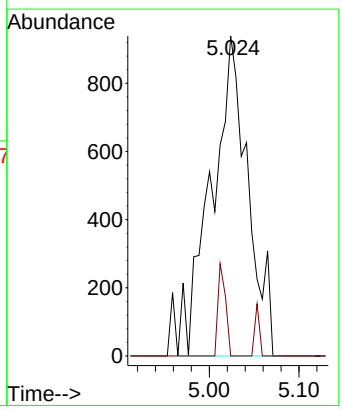


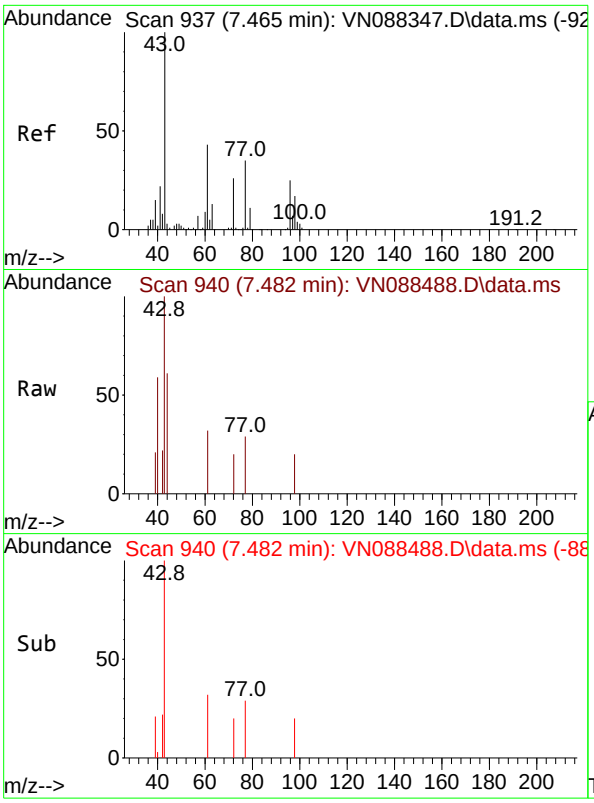


#18
Methyl Acetate
Concen: 0.626 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN088488.D
Acq: 10 Dec 2025 10:36

Tgt Ion: 43 Resp: 2663

Ion	Ratio	Lower	Upper
43	100		
74	5.9	17.9	26.9#



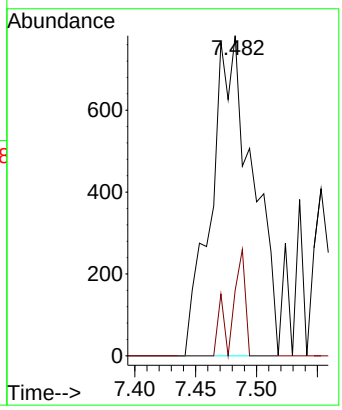


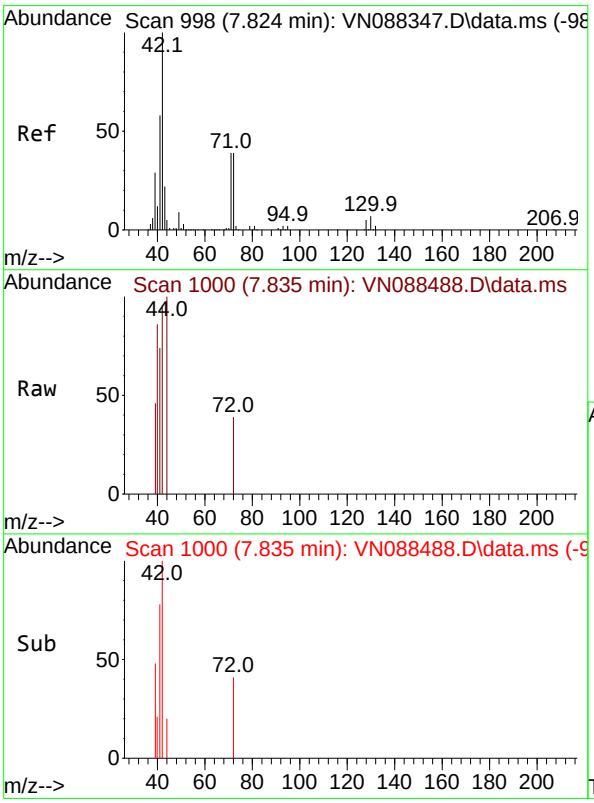
#25
2-Butanone
Concen: 0.805 ug/l
RT: 7.482 min Scan# 94
Delta R.T. 0.018 min
Lab File: VN088488.D
Acq: 10 Dec 2025 10:36

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 43 Resp: 1849

Ion	Ratio	Lower	Upper
43	100		
72	20.5	20.5	30.7#

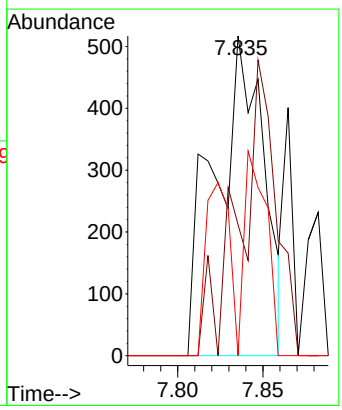


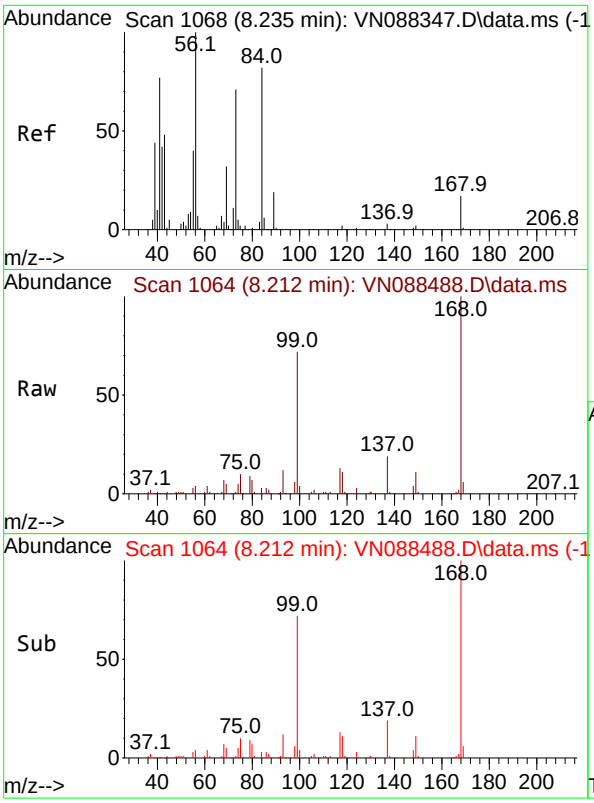


#29
Tetrahydrofuran
Concen: 0.625 ug/l
RT: 7.835 min Scan# 1000
Delta R.T. 0.012 min
Lab File: VN088488.D
Acq: 10 Dec 2025 10:36

Tgt Ion: 42 Resp: 1030

Ion	Ratio	Lower	Upper
42	100		
72	69.0	32.2	48.4#
71	28.8	31.1	46.7#



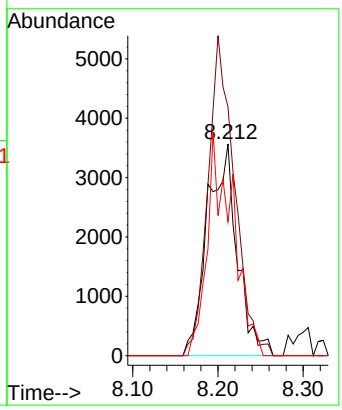


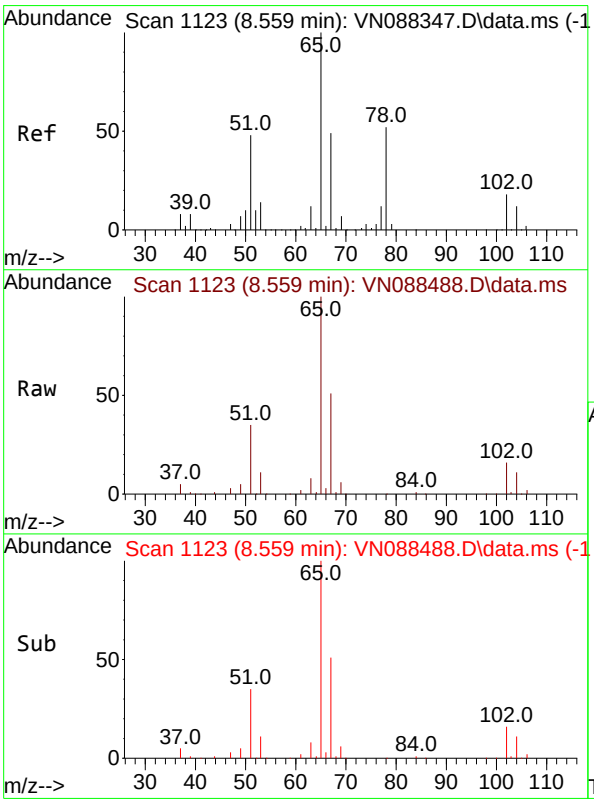
#31
Cyclohexane
Concen: 1.673 ug/l
RT: 8.212 min Scan# 1
Delta R.T. -0.024 min
Lab File: VN088488.D
Acq: 10 Dec 2025 10:36

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 56 Resp: 8690

Ion	Ratio	Lower	Upper
56	100		
69	117.7	25.3	37.9#
84	63.3	65.4	98.2#

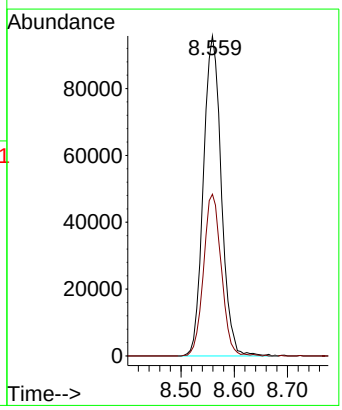


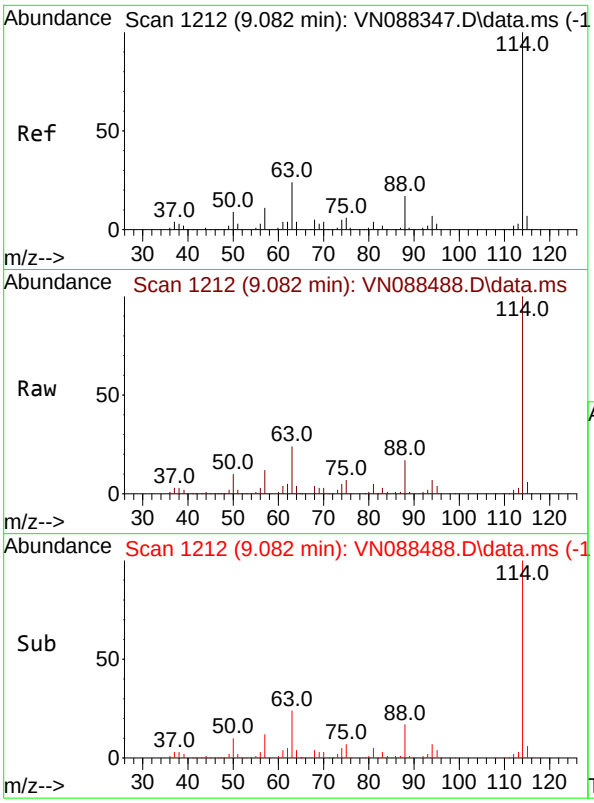


#33
1,2-Dichloroethane-d4
Concen: 56.677 ug/l
RT: 8.559 min Scan# 1123
Delta R.T. -0.000 min
Lab File: VN088488.D
Acq: 10 Dec 2025 10:36

Tgt Ion: 65 Resp: 223825

Ion	Ratio	Lower	Upper
65	100		
67	50.1	0.0	100.8



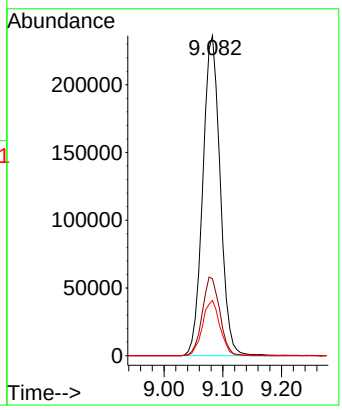


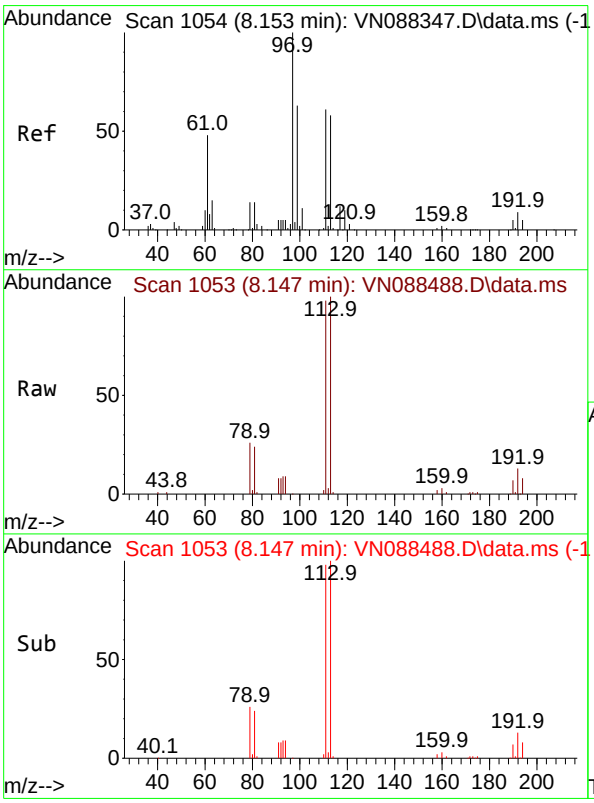
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.082 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN088488.D
Acq: 10 Dec 2025 10:36

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:114 Resp: 485237

Ion	Ratio	Lower	Upper
114	100		
63	24.0	0.0	49.0
88	17.3	0.0	34.0

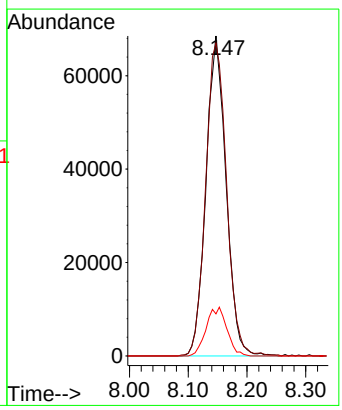


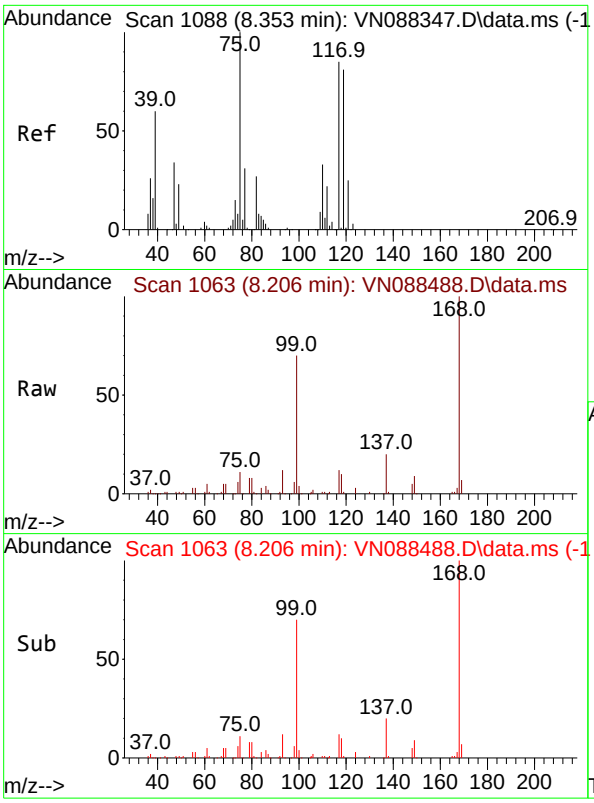


#35
Dibromofluoromethane
Concen: 48.333 ug/l
RT: 8.147 min Scan# 1053
Delta R.T. -0.006 min
Lab File: VN088488.D
Acq: 10 Dec 2025 10:36

Tgt Ion:113 Resp: 162529

Ion	Ratio	Lower	Upper
113	100		
111	102.2	82.5	123.7
192	15.7	12.8	19.2



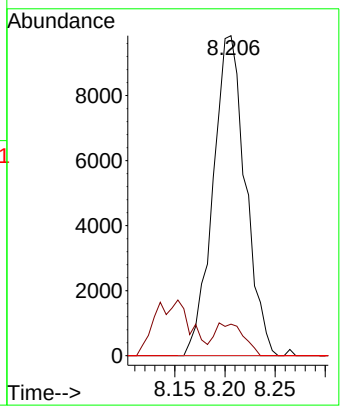


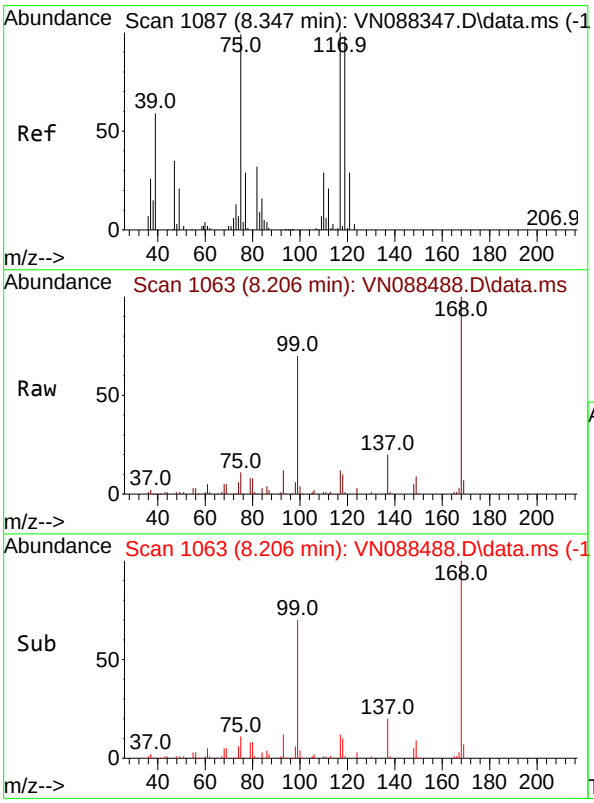
#36
1,1-Dichloropropene
Concen: 4.268 ug/l
RT: 8.206 min Scan# 1
Delta R.T. -0.147 min
Lab File: VN088488.D
Acq: 10 Dec 2025 10:36

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 22152

Ion	Ratio	Lower	Upper
75	100		
110	9.0	15.8	47.4#
77	0.0	24.2	36.2#

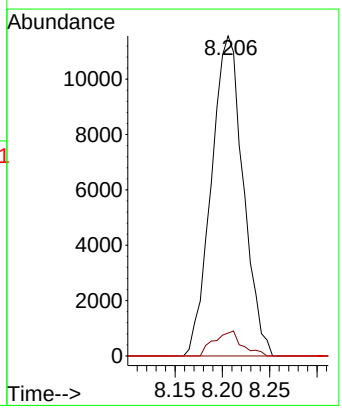


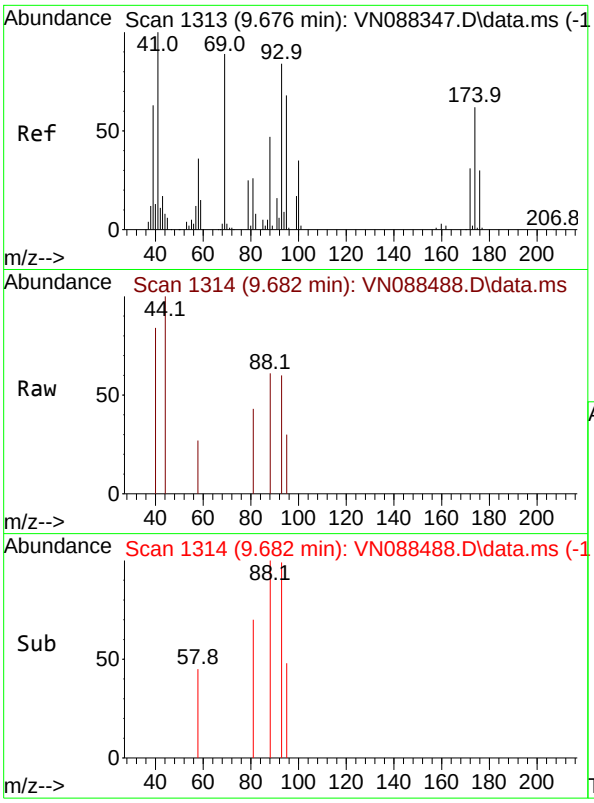


#38
Carbon Tetrachloride
Concen: 5.243 ug/l
RT: 8.206 min Scan# 1063
Delta R.T. -0.141 min
Lab File: VN088488.D
Acq: 10 Dec 2025 10:36

Tgt Ion:117 Resp: 27086

Ion	Ratio	Lower	Upper
117	100		
119	7.2	78.2	117.4#
121	0.0	23.4	35.2#



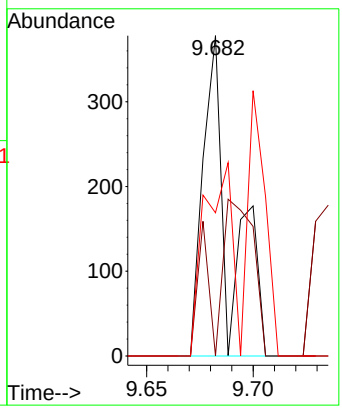


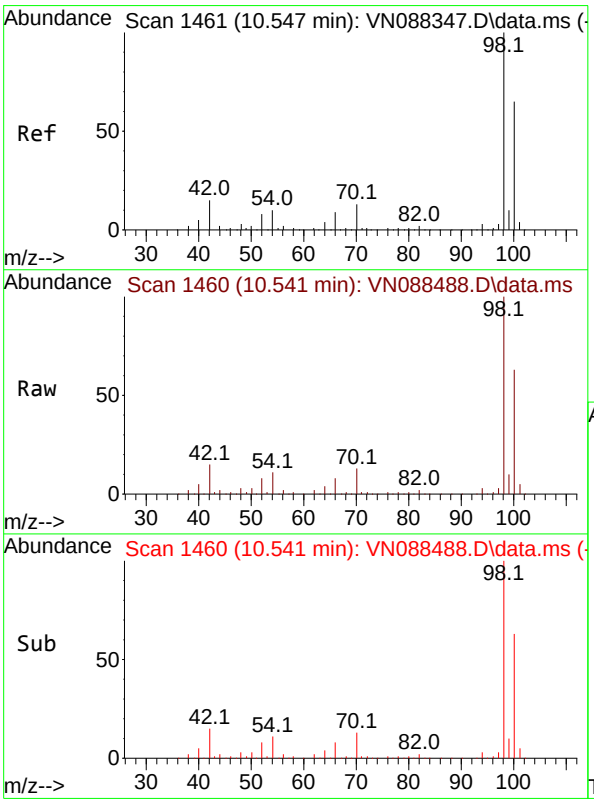
#49
1,4-Dioxane
Concen: 5.537 ug/l
RT: 9.682 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN088488.D
Acq: 10 Dec 2025 10:36

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 88 Resp: 335

Ion	Ratio	Lower	Upper
88	100		
43	70.4	0.0	0.0#
58	61.8	62.0	93.0#

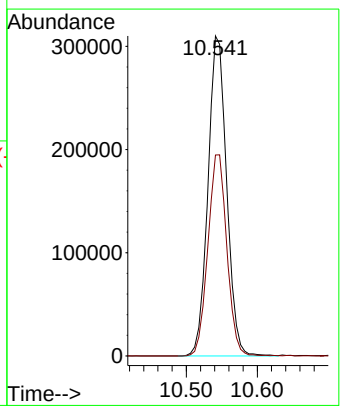


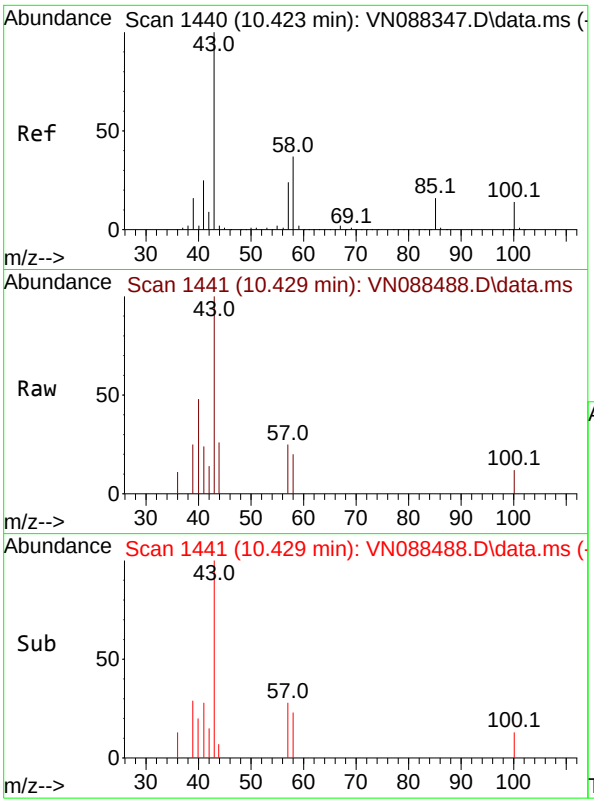


#50
Toluene-d8
Concen: 45.207 ug/l
RT: 10.541 min Scan# 1460
Delta R.T. -0.006 min
Lab File: VN088488.D
Acq: 10 Dec 2025 10:36

Tgt Ion: 98 Resp: 565614

Ion	Ratio	Lower	Upper
98	100		
100	64.0	52.2	78.2



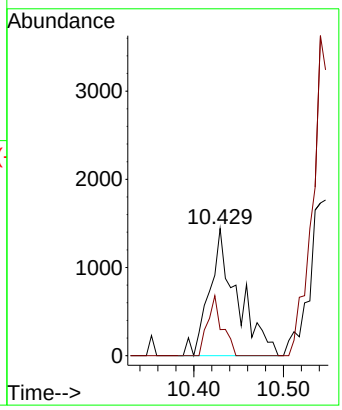


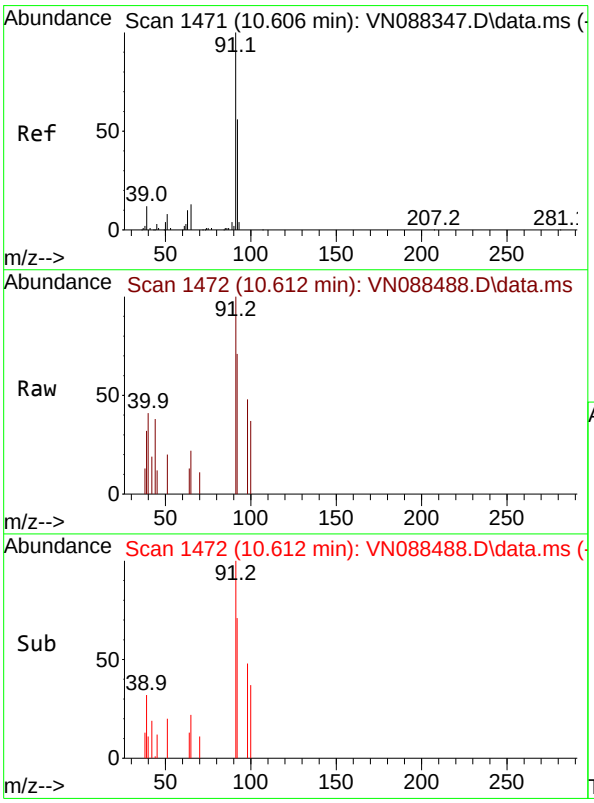
#51
4-Methyl-2-Pentanone
Concen: 0.510 ug/l
RT: 10.429 min Scan# 14
Delta R.T. 0.006 min
Lab File: VN088488.D
Acq: 10 Dec 2025 10:36

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 43 Resp: 3137

Ion	Ratio	Lower	Upper
43	100		
58	24.5	29.1	43.7#

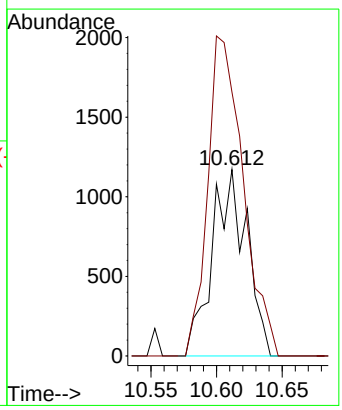


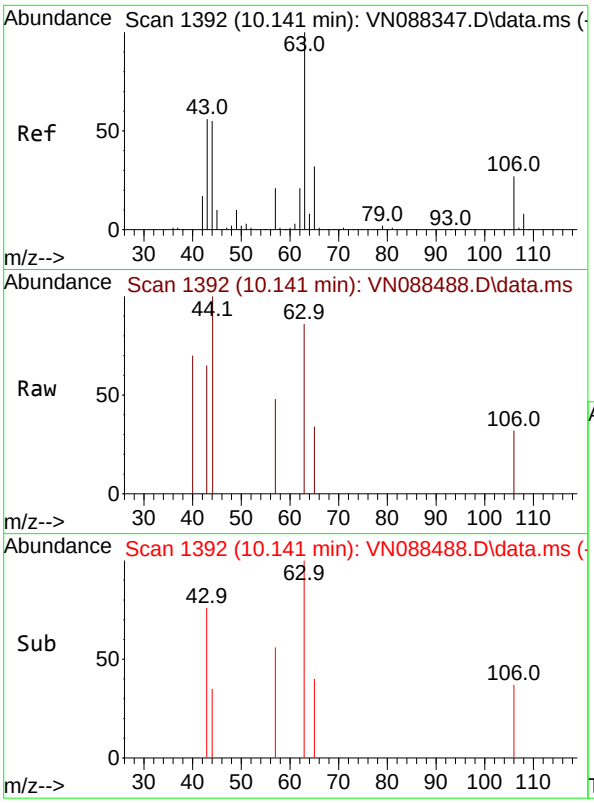


#52
Toluene
Concen: 0.245 ug/l
RT: 10.612 min Scan# 1472
Delta R.T. 0.006 min
Lab File: VN088488.D
Acq: 10 Dec 2025 10:36

Tgt Ion: 92 Resp: 2155

Ion	Ratio	Lower	Upper
92	100		
91	175.3	140.2	210.2



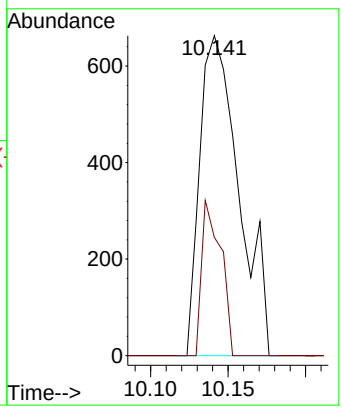


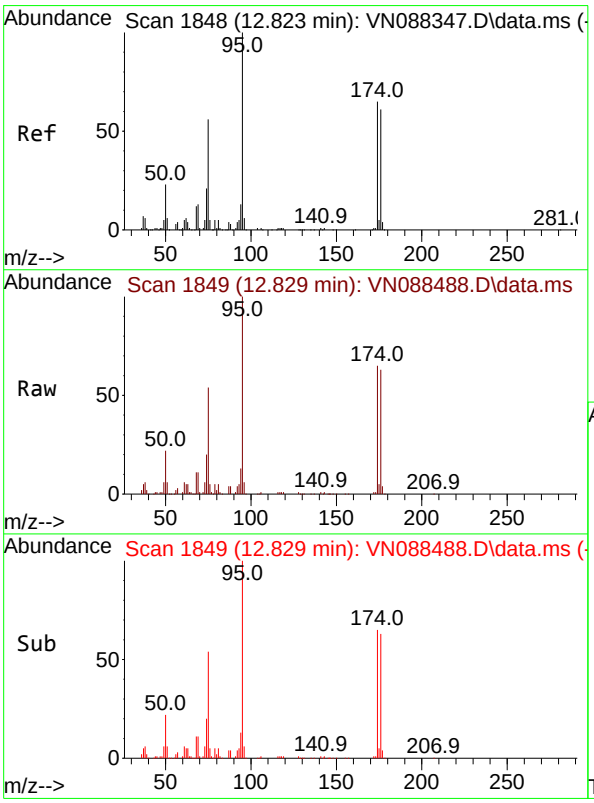
#58
2-Chloroethyl Vinyl ether
Concen: 0.377 ug/l
RT: 10.141 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN088488.D
Acq: 10 Dec 2025 10:36

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 63 Resp: 1168

Ion	Ratio	Lower	Upper
63	100		
106	23.6	20.5	30.7

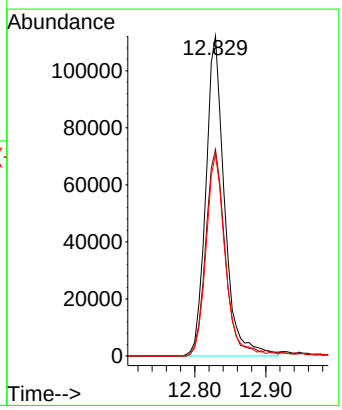


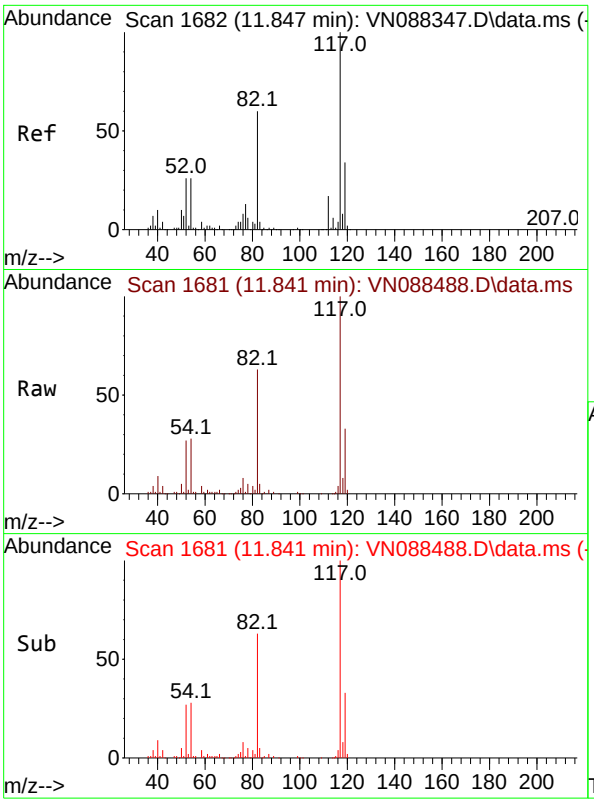


#62
4-Bromofluorobenzene
Concen: 47.808 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.006 min
Lab File: VN088488.D
Acq: 10 Dec 2025 10:36

Tgt Ion: 95 Resp: 205240

Ion	Ratio	Lower	Upper
95	100		
174	68.6	0.0	139.0
176	64.8	0.0	132.4



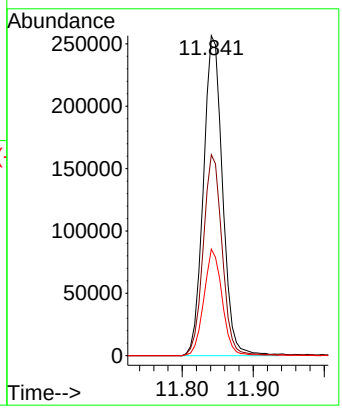


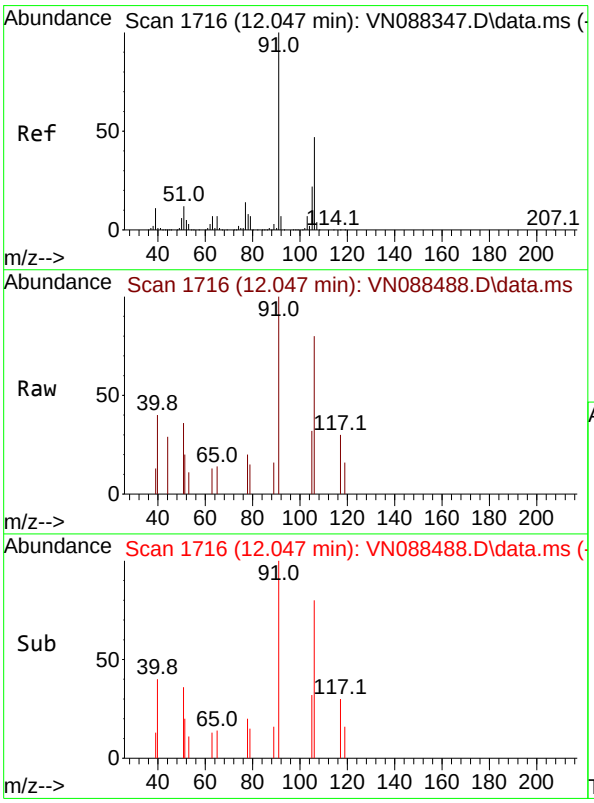
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.841 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN088488.D
Acq: 10 Dec 2025 10:36

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:117 Resp: 480797

Ion	Ratio	Lower	Upper
117	100		
82	62.8	47.8	71.8
119	33.3	26.9	40.3

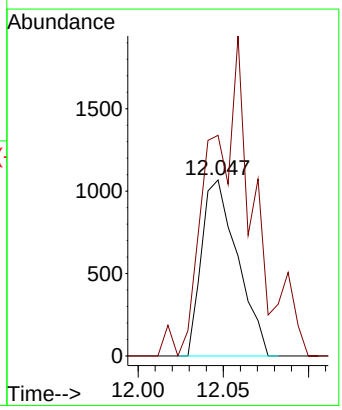


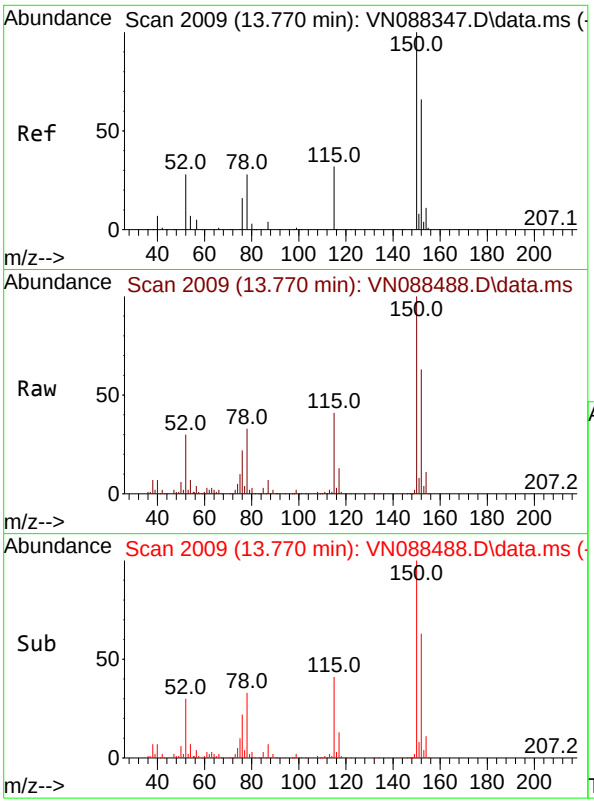


#68
m/p-Xylenes
Concen: 0.224 ug/l
RT: 12.047 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VN088488.D
Acq: 10 Dec 2025 10:36

Tgt Ion:106 Resp: 1568

Ion	Ratio	Lower	Upper
106	100		
91	107.2	167.8	251.6#



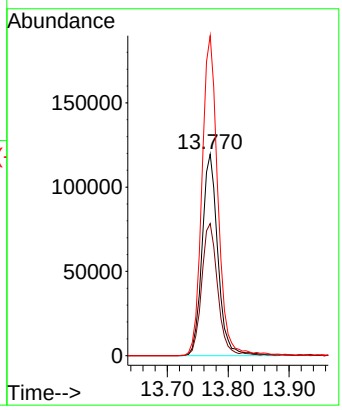


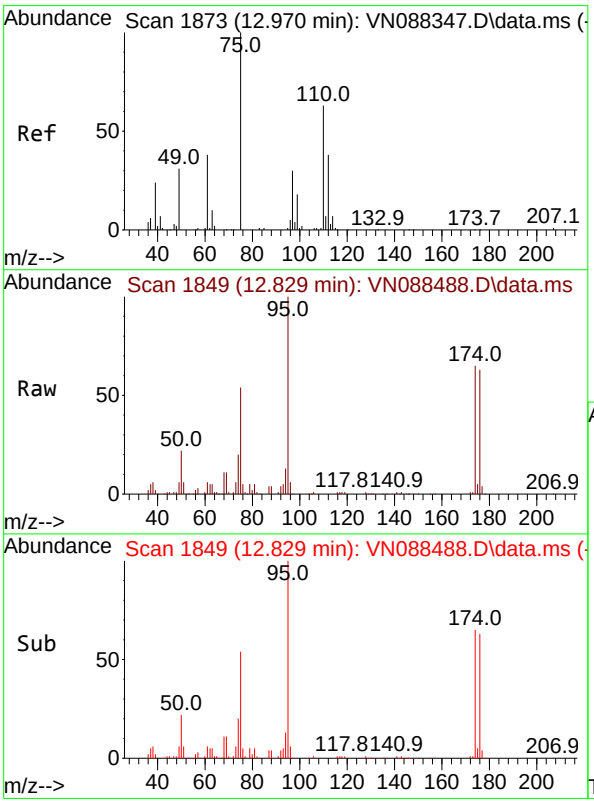
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.770 min Scan# 2
Delta R.T. -0.000 min
Lab File: VN088488.D
Acq: 10 Dec 2025 10:36

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:152 Resp: 214836

Ion	Ratio	Lower	Upper
152	100		
115	66.9	33.0	98.9
150	160.5	0.0	349.0

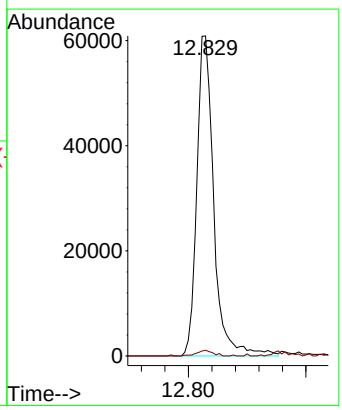


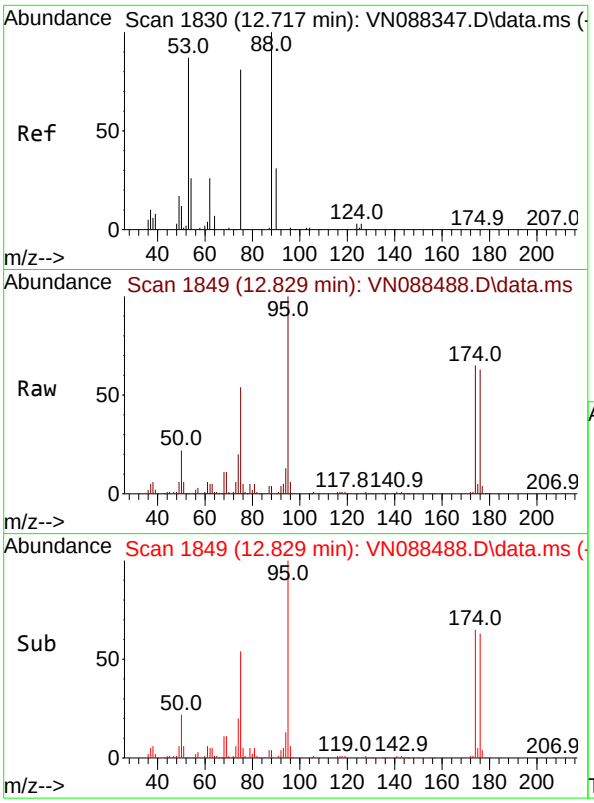


#76
1,2,3-Trichloropropane
Concen: 24.199 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. -0.141 min
Lab File: VN088488.D
Acq: 10 Dec 2025 10:36

Tgt Ion: 75 Resp: 121765

Ion	Ratio	Lower	Upper
75	100		
77	1.7	87.2	261.6#



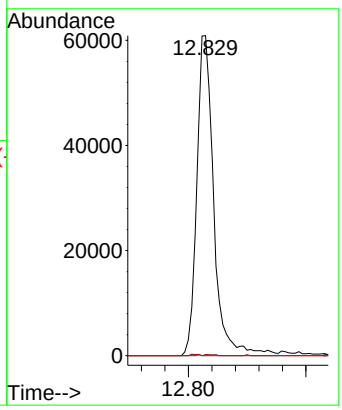


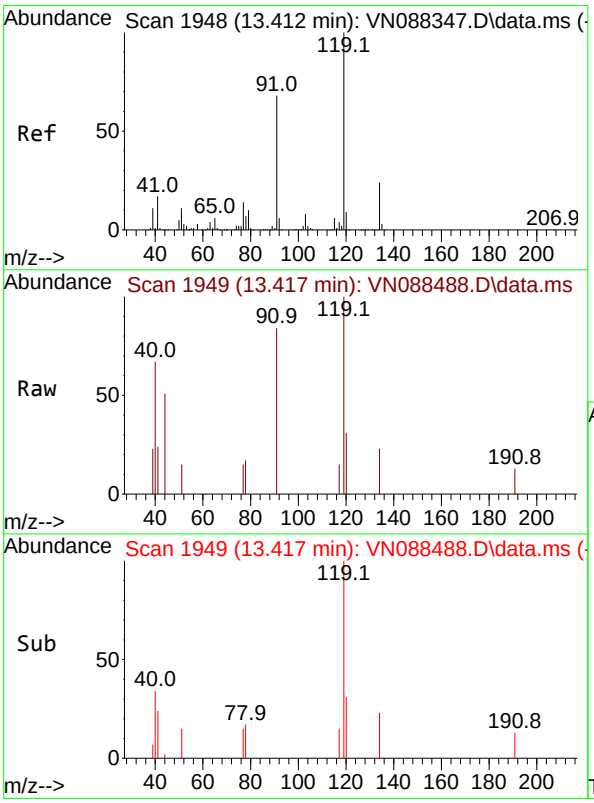
#81
trans-1,4-Dichloro-2-butene
Concen: 68.651 ug/l
RT: 12.829 min Scan# 1
Delta R.T. 0.112 min
Lab File: VN088488.D
Acq: 10 Dec 2025 10:36

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 121765

Ion	Ratio	Lower	Upper
75	100		
53	0.2	92.2	138.4#
89	0.0	0.0	0.0

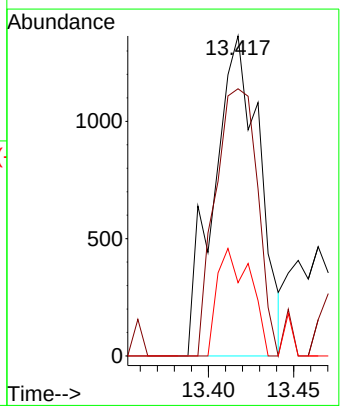


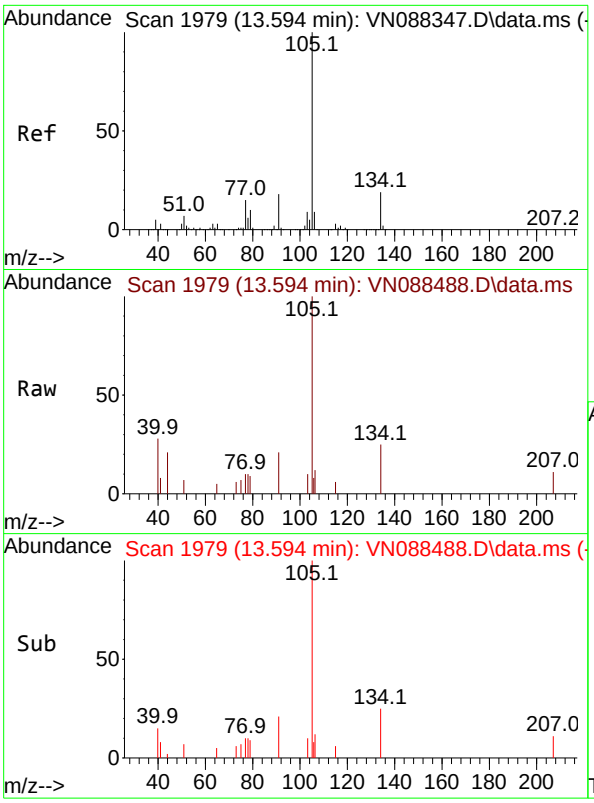


#83
tert-Butylbenzene
Concen: 0.227 ug/l
RT: 13.417 min Scan# 1949
Delta R.T. 0.006 min
Lab File: VN088488.D
Acq: 10 Dec 2025 10:36

Tgt Ion:119 Resp: 2544

Ion	Ratio	Lower	Upper
119	100		
91	79.7	35.1	105.3
134	24.3	12.8	38.4



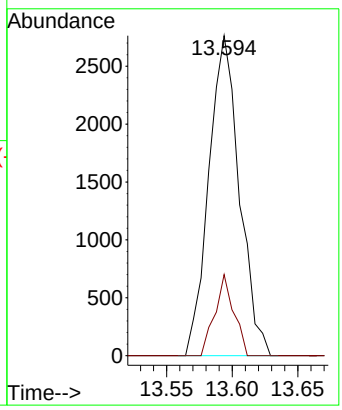


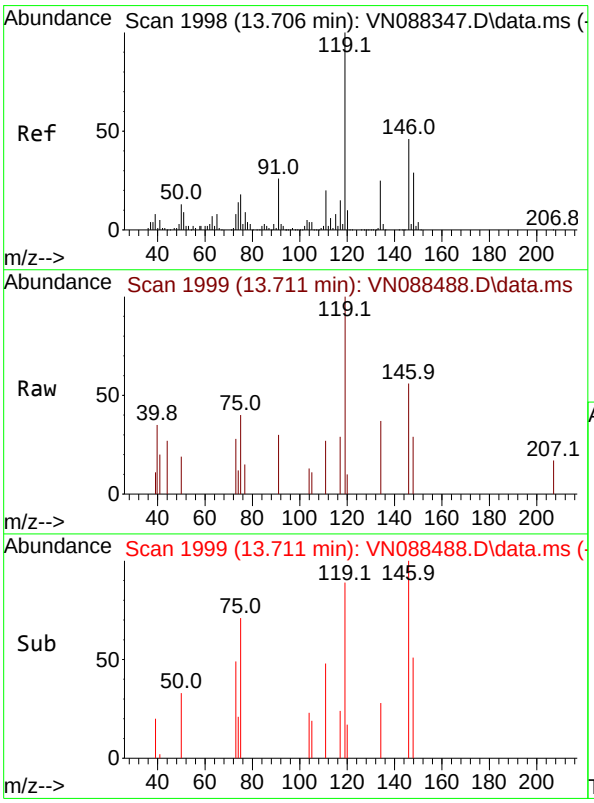
#85
sec-Butylbenzene
Concen: 0.279 ug/l
RT: 13.594 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN088488.D
Acq: 10 Dec 2025 10:36

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:105 Resp: 4486

Ion	Ratio	Lower	Upper
105	100		
134	15.7	9.5	28.5

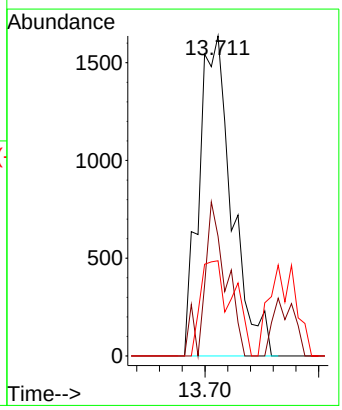


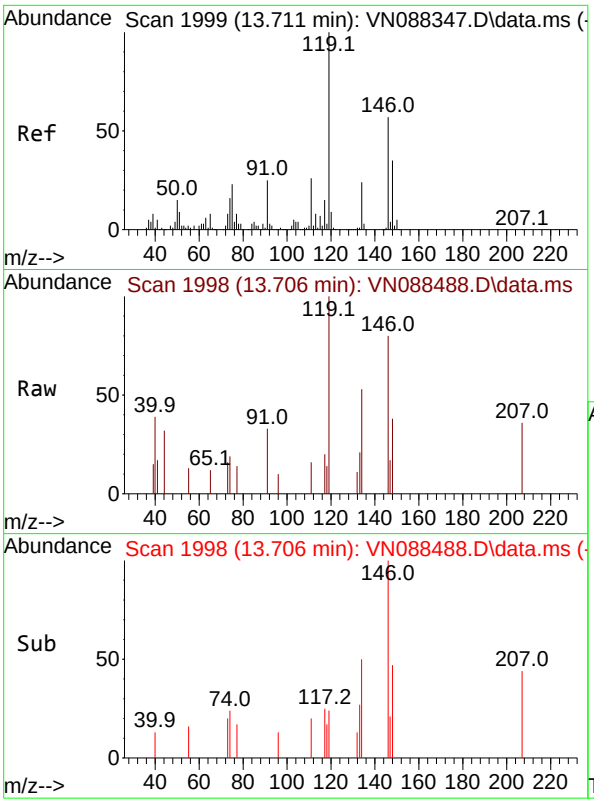


#86
p-Isopropyltoluene
Concen: 0.249 ug/l
RT: 13.711 min Scan# 1999
Delta R.T. 0.006 min
Lab File: VN088488.D
Acq: 10 Dec 2025 10:36

Tgt Ion:119 Resp: 3285

Ion	Ratio	Lower	Upper
119	100		
134	31.9	12.2	36.6
91	29.4	13.0	39.0



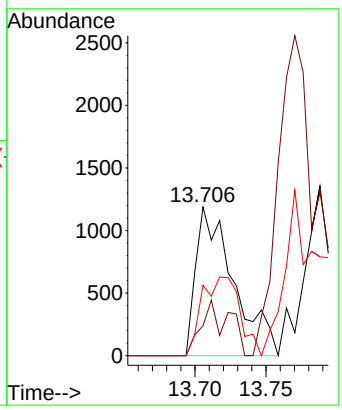


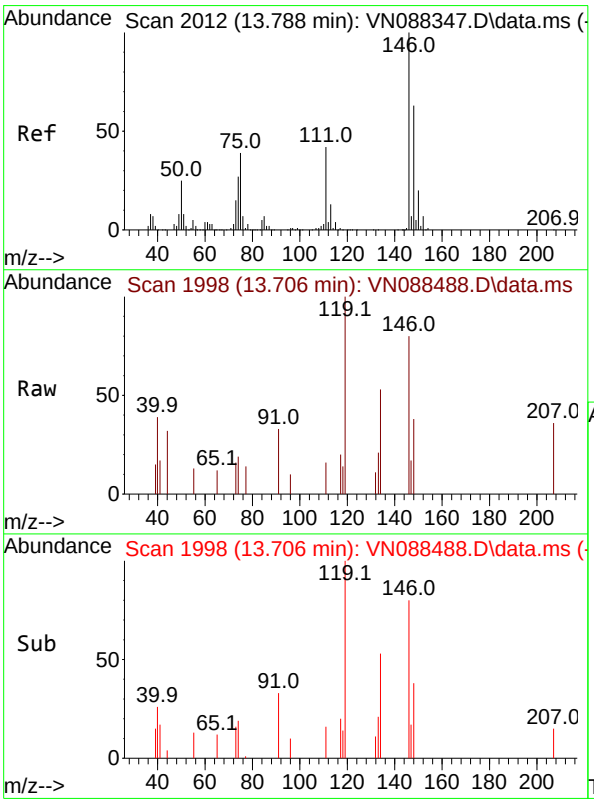
#87
1,3-Dichlorobenzene
Concen: 0.310 ug/l
RT: 13.706 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN088488.D
Acq: 10 Dec 2025 10:36

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:146 Resp: 2194

Ion	Ratio	Lower	Upper
146	100		
111	27.2	22.4	67.0
148	53.0	31.6	94.8

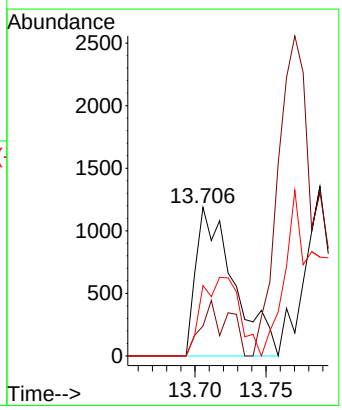


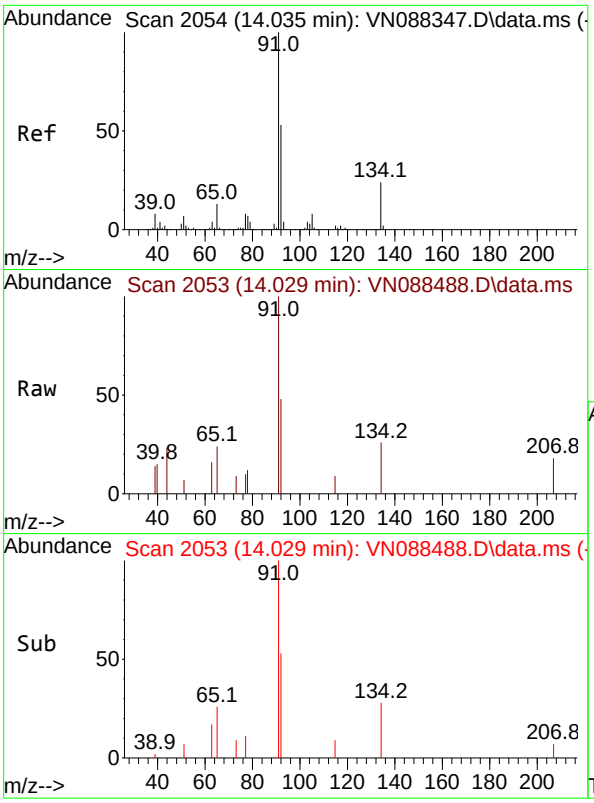


#88
1,4-Dichlorobenzene
Concen: 0.296 ug/l
RT: 13.706 min Scan# 1998
Delta R.T. -0.082 min
Lab File: VN088488.D
Acq: 10 Dec 2025 10:36

Tgt Ion:146 Resp: 2194

Ion	Ratio	Lower	Upper
146	100		
111	27.2	21.6	64.6
148	53.0	31.0	93.0



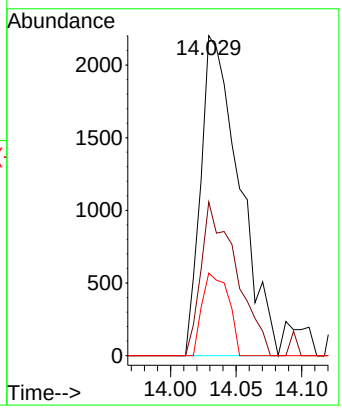


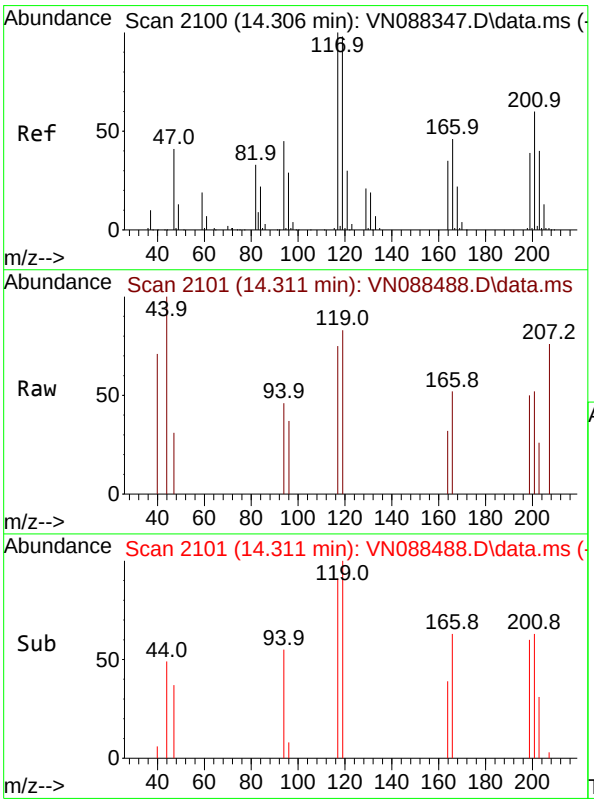
#89
n-Butylbenzene
Concen: 0.351 ug/l
RT: 14.029 min Scan# 2
Delta R.T. -0.006 min
Lab File: VN088488.D
Acq: 10 Dec 2025 10:36

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 91 Resp: 4496

Ion	Ratio	Lower	Upper
91	100		
92	43.8	26.1	78.3
134	17.6	11.7	35.1

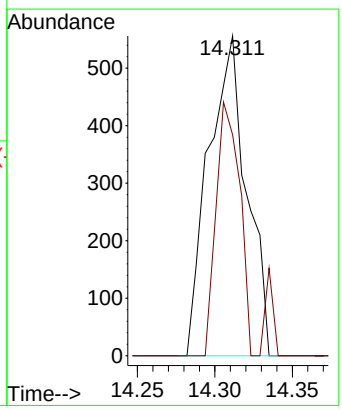


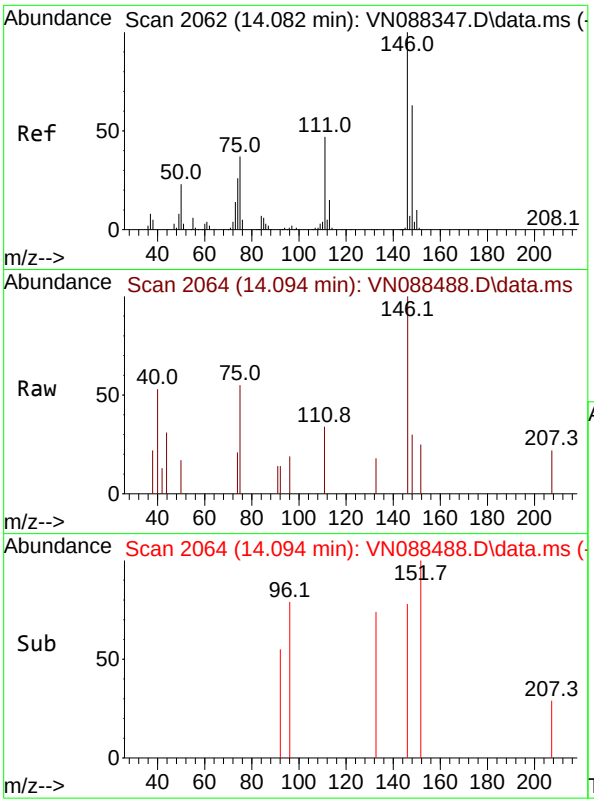


#90
Hexachloroethane
Concen: 0.394 ug/l
RT: 14.311 min Scan# 2101
Delta R.T. 0.006 min
Lab File: VN088488.D
Acq: 10 Dec 2025 10:36

Tgt Ion:117 Resp: 949

Ion	Ratio	Lower	Upper
117	100		
201	49.0	30.3	90.9



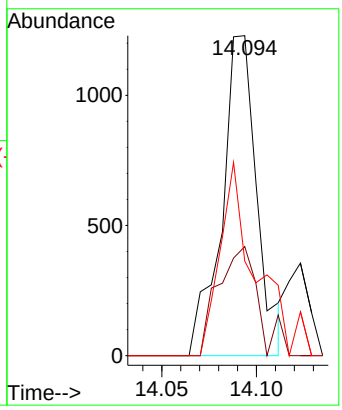


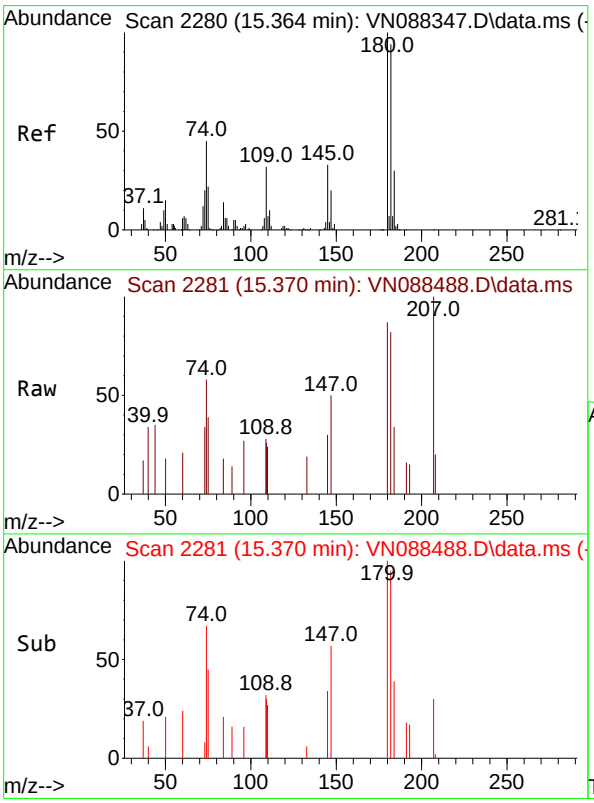
#91
1,2-Dichlorobenzene
Concen: 0.238 ug/l
RT: 14.094 min Scan# 2
Delta R.T. 0.012 min
Lab File: VN088488.D
Acq: 10 Dec 2025 10:36

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:146 Resp: 1583

Ion	Ratio	Lower	Upper
146	100		
111	39.4	23.3	69.9
148	62.5	31.8	95.4

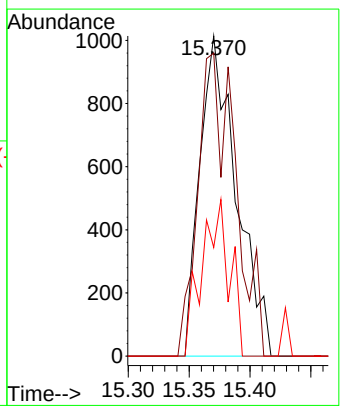


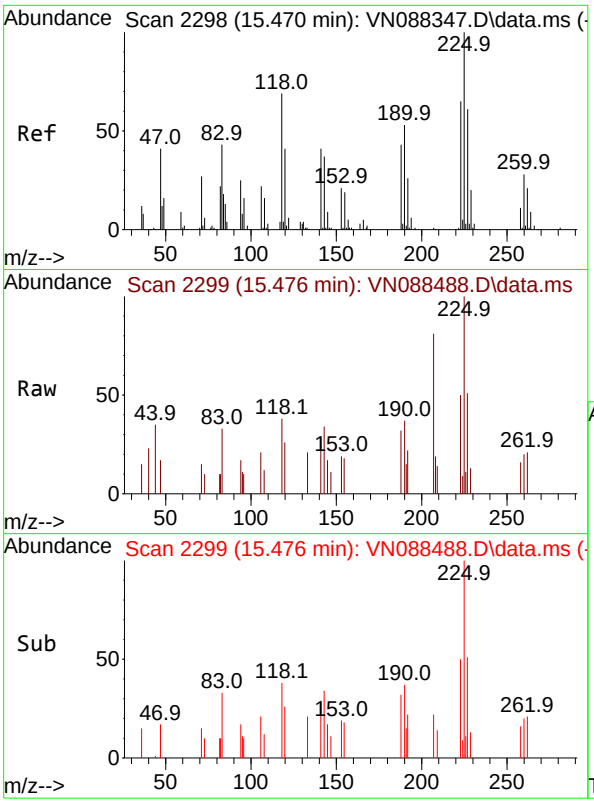


#93
1,2,4-Trichlorobenzene
Concen: 0.536 ug/l
RT: 15.370 min Scan# 2281
Delta R.T. 0.006 min
Lab File: VN088488.D
Acq: 10 Dec 2025 10:36

Tgt Ion:180 Resp: 2121

Ion	Ratio	Lower	Upper
180	100		
182	97.6	46.1	138.2
145	36.9	16.7	50.1



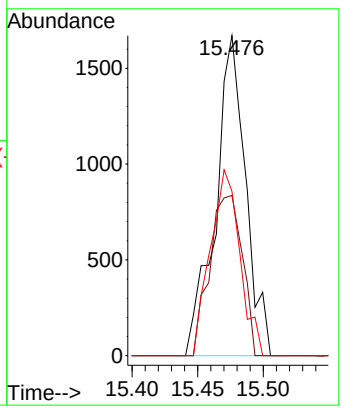


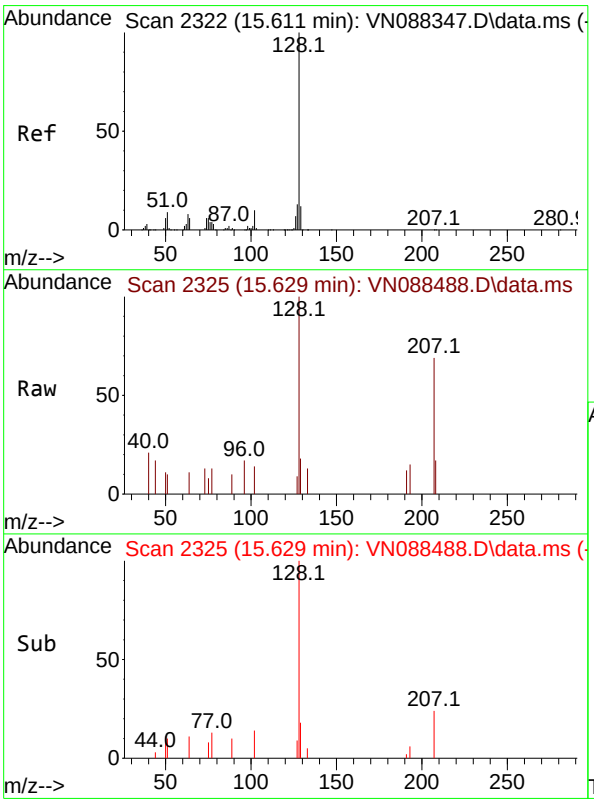
#94
Hexachlorobutadiene
Concen: 1.882 ug/l
RT: 15.476 min Scan# 2
Delta R.T. 0.006 min
Lab File: VN088488.D
Acq: 10 Dec 2025 10:36

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:225 Resp: 2675

Ion	Ratio	Lower	Upper
225	100		
223	54.1	32.3	96.8
227	56.8	29.9	89.8

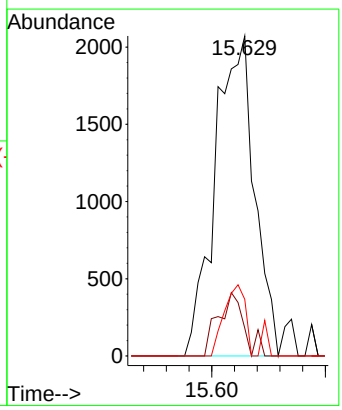


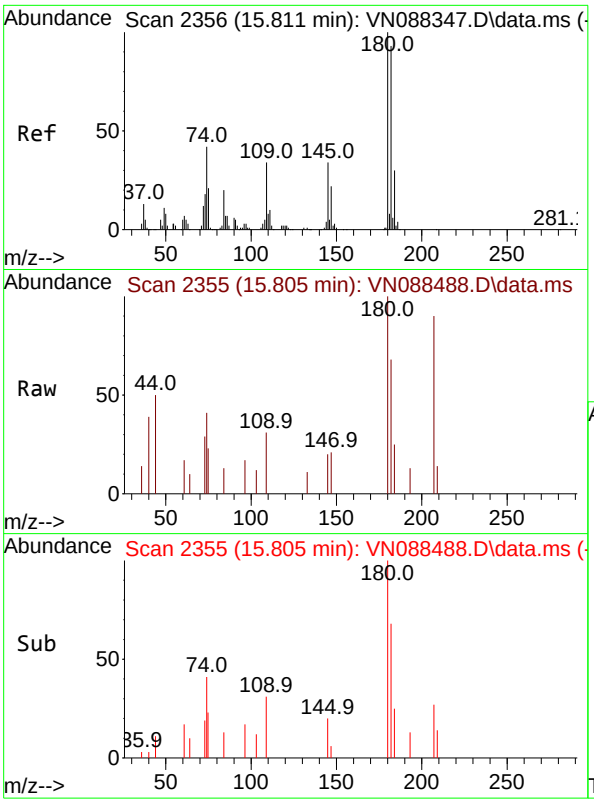


#95
Naphthalene
Concen: 0.363 ug/l
RT: 15.629 min Scan# 2325
Delta R.T. 0.018 min
Lab File: VN088488.D
Acq: 10 Dec 2025 10:36

Tgt Ion:128 Resp: 4979

Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.4	15.6
129	12.0	9.0	13.6





#96
1,2,3-Trichlorobenzene
Concen: 0.603 ug/l
RT: 15.805 min Scan# 2
Delta R.T. -0.006 min
Lab File: VN088488.D
Acq: 10 Dec 2025 10:36

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:180 Resp: 2322

Ion	Ratio	Lower	Upper
180	100		
182	95.6	45.9	137.7
145	32.0	17.8	53.4